



EMPLOYMENT and EARNINGS

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THIS ANNUAL SUPPLEMENT CONTAINS

*Establishment data adjusted to March 1962 benchmarks. For details see "New Benchmarks Levels for BLS Establishment Employment Estimates," page iv.

*Annual averages for recent years for all regularly published series, page 79.

*For major industry series, monthly data, actual and seasonally adjusted, 1959 to date, page 67.

*Revised seasonal adjustment factors for establishment data, page xxi.

*New tables--indexes of employment (Table B-4, page 21) and aggregate man-hours, seasonally adjusted (Table C-7, page 51).

*Area definitions, page 13-E.

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1/ Quarterly data included in February, May, August, and November issues.

CAUTION

Periodically, the Bureau adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours and earnings series because employment levels are used as weights. All industry statistics after March 1962, the present benchmark date, are therefore subject to revision.

Beginning with September 1963 and subsequent issues of Employment and Earnings, data in tables B-1 through B-6, C-1 through C-7, and D-1 through D-4 are based on March 1962 benchmarks. Therefore, issues of Employment and Earnings prior to September 1963 cannot be used in conjunction with national industry data now shown in sections B, C, and D. Comparable data for prior periods are published in Employment and Earnings Statistics for the United States, 1909-62, BLS Bulletin 1312-1, which may be purchased from the Superintendent of Documents for \$3.50. For an individual industry, earlier data may be obtained upon request to the Bureau.

When industry data are again adjusted to new benchmarks another edition of Employment and Earnings Statistics for the United States will be issued containing the revised data extending from April 1962 forward to a current date, as well as the prior historical statistics.

ANNOUNCEMENT

REVISED SERIES

The national figures on employment in industry, shown in this report, have been adjusted to March 1962 benchmarks (comprehensive counts of employment). This benchmark revision, which is a standard feature of the current employment statistics program, affected industry payroll employment data from April 1959 forward. In addition, because the employment figures are used as weights, the adjustment to new benchmark levels has caused revisions, in some cases, in the hours, earnings, and labor turnover series. The article "New Benchmark Levels for BLS Establishment Employment Estimates," that follows summarizes the effects of this revision. National data published in this 1963 Annual Supplement to Employment and Earnings represent revisions of those appearing in prior monthly issues.

It should be noted that all national industry statistics subsequent to the latest benchmark month (March 1962) are subject to future revision.

NEW SERIES AVAILABLE

Beginning with this issue, Employment and Earnings includes preliminary data for almost 100 additional manufacturing industries, and also two new tables. Table B-4, shown for the first time (page 21), provides indexes of employment for the major industry divisions and subdivisions. The historical data and 13 months' seasonally adjusted indexes make possible a more rapid examination of short- and long-term industry employment trends than would be possible from the absolute figures. Table C-7, page 51, shows seasonally adjusted indexes of aggregate man-hours in mining, contract construction, and manufacturing, which highlight changes in labor inputs in the goods producing sector of the nonfarm economy.

NEW SEASONAL FACTORS

As in the past, new seasonal adjustment factors for the establishment data have been developed coincidentally with the adjustment of the industry series to new benchmark levels. These new factors for all the seasonally adjusted establishment data in Employment and Earnings are shown beginning on page xd.

DATA IN THE SUPPLEMENT SECTION

Establishment Data

For the national series for each of the 5 years, 1958-62, annual averages are shown for the employment, hours, earnings, and labor turnover series in the annual average section (page 79). Monthly data for all the major industry series are presented beginning with 1959 (page 67).

Annual averages for each of the years 1960-62 are presented for States and major areas. Current definitions for all major areas are also provided on page 13-E.

Labor Force Data

The labor force tables in the section presenting annual averages include, in most cases, monthly data for 1962 and annual averages for each of the 4 most recent years. They are reprinted from Special Labor Force Report No. 31, which also contains the analysis of the data that appeared originally in the May 1963 Monthly Labor Review (pp. 497-503). Comparable monthly data for the 1959-61 period may be obtained from prior Annual Supplement issues of Employment and Earnings, which reproduced data from Special Labor Force Reports, Nos. 4, 14, and 23. The benchmark revision of the establishment-based data did not affect the labor force series, which are based on data collected through household interviews rather than from reports of business and industrial establishments.

TWO REFERENCE VOLUMES AVAILABLE

Employment and Earnings Statistics for the United States, 1909-62, BLS Bulletin 1312-1 (654 pages), scheduled for release in October, replaces BLS Bulletin 1312 issued in 1961, in that all series have been adjusted to March 1962 benchmarks. For each national series on employment in industry, shown in the B, C, and D sections of Employment and Earnings, detailed data are shown from the earliest date of availability through May 1963.

A companion volume, Employment and Earnings Statistics for States and Areas, 1939-62, BLS Bulletin 1370 (670 pages), contains over 6,000 State and area series on payroll employment by industry, and more than 3,000 State and area series for hours and earnings by industry. Included are annual average data through 1962 for the 50 States and the District of Columbia, and over 146 major areas for all of the available industry detail currently published by each cooperating State agency.

An order form for these two bulletins is provided on page 18-E.

New Benchmark Levels for BLS Establishment Employment Estimates

Dorothy Hinton*

National employment estimates adjusted to actual totals for March 1961 and March 1962 appear in the establishment data section of this issue of *Employment and Earnings*. The revisions affect most of the published series, starting at the lowest industrial classification level and extending through successively inclusive series to total nonagricultural employment. Changes of a similar type have been introduced periodically as an essential phase of this program. These revisions are normally issued each year, although the latest published revision appeared in 1961.

The Bureau of Labor Statistics publishes monthly estimates of employment in nonagricultural establishments and prepares them in considerable industrial detail. Because limitations of both time and resources prohibit complete counts for every month, only those in a sample of the Nation's industrial and commercial establishments are asked to submit monthly reports from which estimates of employment are then derived.

Since the monthly data are estimates, periodic checks of their accuracy are needed. The sample derived data are thus checked against a benchmark, or complete count, the most recent representing employment for March 1962.

Benchmark Source Material

The most important source of benchmark data is the compulsory unemployment insurance contributions (tax) report that the covered employer files each quarter with his State employment security agency. After the employers' reports are processed, classified by industry, and tabulated, the data are forwarded, by all States, to the Bureau of Employment Security, which has Federal supervisory authority, and there they are made available to the Bureau of Labor Statistics for compilation into national summaries.

These unemployment insurance figures are augmented by data from other sources to bring the benchmarks up to complete counts for all nonagri-

cultural establishments. State unemployment insurance data constitute about three-fourths of the universe, but employers of fewer than four persons are excluded from coverage in some States and certain types of activities are not covered. Important sources of benchmark data for employment not covered by unemployment insurance include the Social Security Administration (small firms and nonprofit organizations), Bureau of the Census (State and local governments), the Civil Service Commission (Federal civilian employment), and the Interstate Commerce Commission (interstate railroads).¹

How Good are the Estimates?

A measure of the quality of the BLS national employment estimates is provided by a comparison with the benchmark. Table 1 presents this comparison, as of March 1962, for total nonagricultural employment and by broad industry divisions.

Table 1. Comparison of BLS Nonagricultural Employment Estimates with March 1962 Benchmarks, by Industry Division
(Workers in thousands)

Industry division	Employment		Difference between benchmark and estimates	
	Benchmark	BLS estimates	Number of employees	Percent
Total	54,442	54,056	-386	-0.7
Mining	645	640	-5	-0.8
Contract construction . .	2,480	2,328	-152	-6.1
Manufacturing	16,618	16,525	-93	-.6
Durable goods	9,377	9,339	-38	-.4
Nondurable goods	7,241	7,186	-55	-.8
Transportation and public utilities	3,865	3,880	15	.4
Wholesale and retail trade	11,213	11,223	10	.1
Wholesale trade	3,002	3,022	20	.7
Retail trade	8,211	8,201	-10	-.1
Finance, insurance, and real estate	2,757	2,754	-3	-.1
Service and miscellaneous	7,731	7,573	-158	-2.0
Government	9,133	9,133	0	0

¹For a detailed description of benchmark preparation and sources, see "The 1959 Benchmarks for the BLS Payroll Employment Statistics," by Samuel Schechter, *Monthly Labor Review*, December 1962, pp. 1385-1392.

*Of the Division of Industry Employment Statistics, Bureau of Labor Statistics.

Compared with the benchmark count of 54.4 million workers on establishment payrolls, the total nonagricultural figure based on the sample was lower by only 386,000, less than 1 percent. Of the eight industry divisions, six, accounting for 80 percent of nonfarm employment, differed by less than 1 percent—mining, manufacturing, transportation-public utilities, trade, finance-insurance-real estate, and government. Of the two remaining divisions, service and miscellaneous industries differed (were lower) by 2 percent and contract construction by 6 percent. The latter division presents the most difficult problem in the field of employment estimation.

About a third of total nonagricultural employment is in manufacturing. For this division, with 16.6 million employees, the difference between the benchmark and the estimate was small, only 0.6 percent. Because turns in the economy are frequently forecast by changes first occurring in this sector, the small revision in the employment estimates for manufacturing is particularly important.

Because of the importance of manufacturing, estimates are computed in substantial industry detail. Of the 21 major manufacturing groups for which estimates are published, 13 groups with almost 60 percent of manufacturing employment differed from the benchmark by 2 percent or less. If shifts in industrial classification are eliminated from the gross differences, 16 groups with almost 70 percent of total manufacturing employment had differences of 2 percent or less (table 2). The large differences in ordnance and transportation equipment were largely due to the conversion of some large plants from aircraft to guided missiles and space craft production since the last benchmark revision. The effect of changes in industry classification is discussed in detail in the next section.

The major manufacturing industry groups are further subdivided, into the three- and four-digit (SIC) industries for which employment estimates are presented in this publication each month. Of the 120 three-digit industries, 88, or almost three-fourths, varied from their benchmarks by less than 5 percent (table 3).

Why Estimates May Differ From Benchmarks

Benchmarks and estimates differ mainly because the change that is actually occurring in employment is not precisely reflected by the experience of establishments included in the sample.

It is obvious that, as the number of employees included in the sample establishments approaches the complete count, the sampling error, or the gap between the results obtained from a sample and those that would have been secured if a complete count had been taken, dwindles. However, important constraints operate to limit the size of the sample. Promptness in publishing the estimates each month is a prime consideration. To mail, review, and prepare estimates from several million reports, even with the use of modern highspeed equipment, would be excessively expensive and time-consuming compared with the cost of publishing estimates derived from the approximately 130,000 reports which constitute the BLS sample. Within the confines of the financial and personnel resources available, the objective is to design a sample which will minimize the error in the resulting estimates. Here a knowledge of employment fluctuations in the various industries is brought into play.

A relatively small sample may suffice for industries in which employment is either relatively stable or fluctuates in regular seasonal patterns. However, in industries where employment movements are highly sensitive to economic conditions and cyclical changes, a larger sample coverage is needed. Manufacturing industries, particularly durable-goods producing industries, illustrate this condition. Fortunately, hard-goods manufacturing industries are frequently characterized by large units so that a sample consisting of relatively few reports might represent a substantial part of total employment.

A less fortunate combination of circumstances exists in contract construction industries. In this area of economic activity there are a large number of relatively small organizational units; expansion and contraction in employment among establishments take place independently; and firms enter and leave the industry more frequently than in other sectors. These factors make it extremely difficult to select and sustain a sample which will accurately reflect actual employment without allocating an unreasonable proportion of resources to this one industry.

Besides sampling errors, reporting errors are another source of difference between the benchmark and the estimates. For example, employment reported to the BLS by a sample establishment may not agree, for a number of reasons, with a similarly defined count from the unemployment insurance contributions report (the major benchmark source).

Table 2. Comparison of BLS Manufacturing Employment Estimates with March 1962 Benchmarks, by Major Industry Group

(Workers in thousands)

Major industry group	Employment		Difference between benchmark and estimate					
	Benchmark	BLS estimate	Total		Class. changes		Other	
			Number	Percent	Number	Percent	Number	Percent
Manufacturing	16,618	16,525	-93	- .6	-58	- .3	-35	- .2
Durable goods	9,377	9,339	-38	- .4	-31	- .3	-7	- .1
Ordnance and accessories	262.6	209.5	-53.1	-20.2	-49.7 ¹	-18.9	-3.4	-1.3
Lumber and wood products, except furniture	557.1	572.6	15.5	2.8	- .8	- .1	16.3	2.9
Furniture and fixtures . . .	379.5	375.9	- 3.6	- .9	- 2.5	- .7	- 1.1	- .3
Stone, clay, and glass products	564.7	546.1	-18.6	- 3.3	.6	.1	-19.2	-3.4
Primary metal indus- tries	1,219.1	1,221.1	2.0	.2	- 3.2	- .3	5.2	.4
Fabricated metal products	1,110.1	1,102.2	- 7.9	- .7	- 7.0	- .6	- .9	- .1
Machinery	1,484.4	1,454.1	-30.3	- 2.0	-13.9	- .9	-16.4	-1.1
Electrical equipment and supplies	1,549.8	1,498.2	-51.6	- 3.3	-25.1	- 1.6	-26.5	-1.7
Transportation equipment. Instruments and related products	1,519.1	1,629.0	109.9	7.2	67.8	4.5	42.1	2.8
Miscellaneous manufac- turing industries	374.2	375.2	1.0	.3	3.1	.8	- 2.1	- .6
Nondurable goods	7,241	7,186	-55	- .8	-27	- .4	-28	- .4
Food and kindred products	1,662.5	1,672.0	9.5	.6	-10.1	- .6	19.6	1.2
Tobacco manufactures . . .	81.3	80.5	- .8	- 1.0	- .1	- .1	- .7	- .9
Textile mill products . . .	900.6	881.8	-18.8	- 2.1	7.4	.8	-26.2	-2.9
Apparel and related products	1,271.6	1,241.2	-30.4	- 2.4	- 2.1	- .2	-28.3	-2.2
Paper and allied products	606.0	593.8	-12.2	- 2.0	-14.2	- 2.3	2.0	.3
Printing, publishing, and allied industries	921.9	930.0	8.1	.9	.1	<u>1</u> / ¹	8.0	.9
Chemicals and allied products	840.1	843.7	3.6	.4	- 1.1	- .1	4.7	.6
Petroleum refining and related industries	196.2	197.1	.9	.5	2.0	1.0	- 1.1	- .6
Rubber and miscellaneous plastic products	398.1	381.8	-16.3	- 4.1	-11.6	- 2.9	- 4.7	-1.2
Leather and leather products	363.1	363.7	.6	.2	2.7	.7	- 2.1	- .6

¹ Less than .05 percent.

The other major reason that estimates differ from the benchmark levels results from changes in the industrial classification of establishments since the previous benchmark adjustment. Establishments are classified by industry according to their major product. Many plants make more than one product. When the composition of their output changes so that what was once a secondary product becomes a primary one, the establishment is classified in a different industry. This change is not introduced into the employment estimates at the time it occurs, but only at the time of the annual benchmark adjustment. Thus, differences between estimates and benchmarks may result because the BLS estimates are tied to the former benchmark levels and do not reflect subsequent classification changes.

The percent difference between the benchmarks and the estimates, caused by changes in classification of firms between benchmark adjustments, is illustrated by contrasting for the 120 three-digit published manufacturing industries the frequency distribution of the percent of gross differences between benchmarks and estimates with the same type of distribution after eliminating classification changes. After the effect of classification changes is removed, 99 of the 120 industries differ from their benchmarks by less than 5 percent and only 5 (all with fewer than 100,000 employees) vary by 9 percent or more. When gross differences are used, a total of 13 industries have differences of 9 percent or more. Detailed frequency distributions by size of industry are provided in tables 3 and 4. Frequency distributions of the discrepancies,

Table 3. Distribution of 3-Digit SIC Manufacturing Industries¹ by Size of Industry and by Percent Difference between BLS Estimates and March 1962 Benchmarks

Percent difference	Total number of industries	Size of industry (Number of employees)			
		Under 50,000	50,000 to 99,999	100,000 to 199,999	200,000 and over
Total	120	24	34	38	24
0-0.9	23	3	7	9	4
1.0-2.9	39	8	14	8	9
3.0-4.9	26	3	6	12	5
5.0-6.9	9	1	4	1	3
7.0-8.9	10	4	1	3	2
9.0-10.9	5	2	1	2	0
11.0-12.9	2	1	0	0	1
13.0 and over	6	2	1	3	0

¹ 3-digit industries classified according to the 1957 *Standard Industrial Classification Manual* and published by BLS.

including and excluding classification differences, are shown in the accompanying chart. Comparison of the data in the chart and of tables 3 and 4 illustrates the greater concentration of the differences around their mean when the effect of classification differences is removed. The number of extreme cases (over 13 percent difference) is reduced from 6 to 3, with a maximum difference of 19 percent as contrasted with gross differences for two industries of 39 and 64 percent.

Table 4. Distribution of 3-digit SIC Manufacturing Industries¹ by Size of Industry and by Percent Difference between BLS Estimates and March 1962 Benchmarks [Adjusted to Eliminate Changes in Industrial Classification]

Percent difference	Total number of industries	Size of industry (Number of employees)			
		Under 50,000	50,000 to 99,999	100,000 to 199,999	200,000 and over
Total	120	24	34	38	24
0-0.9	22	3	6	7	6
1.0-2.9	47	7	13	19	8
3.0-4.9	30	3	13	8	6
5.0-6.9	11	4	1	3	3
7.0-8.9	5	3	-	1	1
9.0-10.9	1	-	1	-	-
11.0-12.9	1	1	-	-	-
13.0 and over	3	3	-	-	-

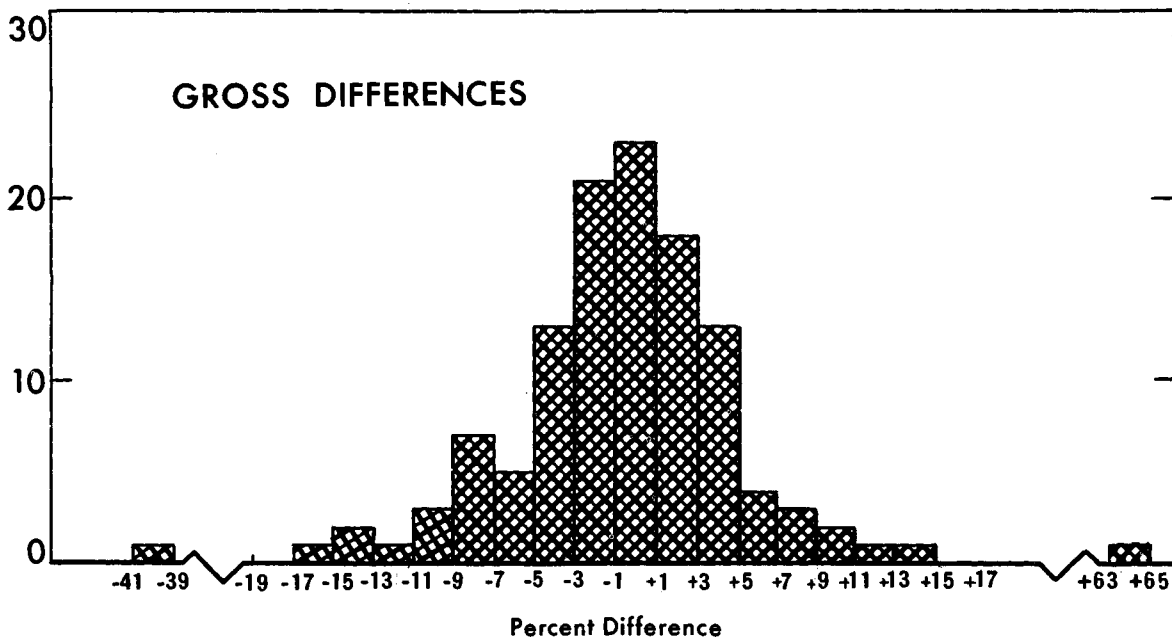
¹ 3-digit industries classified according to the 1957 *Standard Industrial Classification Manual* and published by BLS.

One measure of the precision of the estimates is the mean discrepancy, which is the average difference between the estimates and the benchmarks. For the 120 three-digit published manufacturing industries, if extreme cases are omitted, the mean discrepancy of the differences expressed in percentage terms, excluding classification shifts, is 0.3 percent, whereas the mean discrepancy of the gross differences is 0.7 percent. The removal of the effect of classification differences produced a shift of the modal class of the differences from that containing 0 (-1 percent to +1 percent) to the class to the left (-3 to -1 percent). Therefore, a somewhat larger proportion of the industries show small negative differences when the effect of classification adjustments is removed than was the case with the gross differences. This may indicate a slight tendency toward the underestimation of the change in employment between 1959 and 1962 for a number of industries.

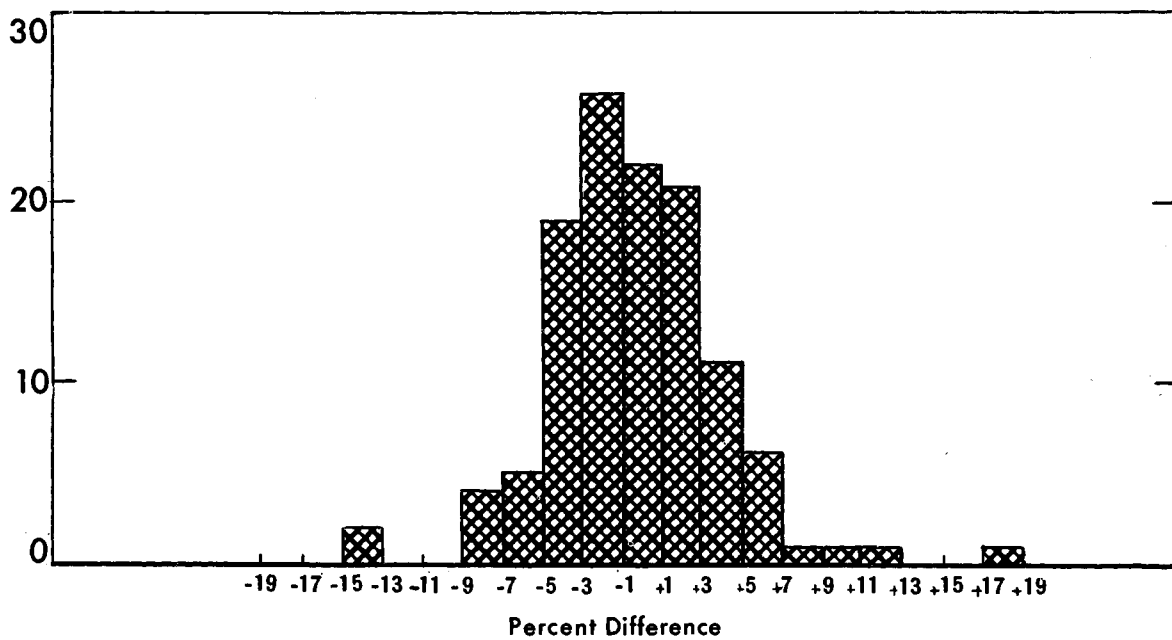
**DISTRIBUTION OF MANUFACTURING INDUSTRIES (3-DIGIT)
BY PERCENT DIFFERENCE BETWEEN BLS ESTIMATES AND BENCHMARKS**

No. of Industries

MARCH 1962



**DIFFERENCES ADJUSTED TO ELIMINATE CHANGES
IN INDUSTRY CLASSIFICATION**



Benchmarks Used as Weights for Hours, Earnings, and Labor Turnover Series

The BLS computes series on average hourly earnings, average weekly hours, and labor turnover rates for a large number of industries. For the most detailed industry classification, the hours, earnings, and labor turnover series are computed directly from reported figures. Series for more inclusive industries, however, require a weighting mechanism to yield meaningful averages. To compute this average for the broader industry groupings, the average in each industry is weighted by the number of workers in that industry. The benchmarks provide a means of maintaining the accuracy of these weights.

Differences between the benchmarks and the estimates may result in a reallocation of weights. However, to influence the average for a broader group, the changes have to be large and must affect industries which have substantially higher or lower averages than do other industries in their group. The changes caused by using employment figures revised to the latest benchmark (March 1962), as weights for hours, earnings, and labor turnover, were small.²

Only Benchmarks Published for Some Industries

Benchmarks for industry divisions are actually the aggregates of a large number of primary industry benchmarks³ or combinations for the primary industries. Employment estimates for most of the industries are published monthly. However, for a number of industries, particularly service industries, the estimates fall too short of established standards to warrant publication separately. They are, therefore, absorbed in totals for more inclusive industry aggregates published monthly.

The employment estimates for the industries which are not published each month can, however, be published for the benchmark month. The employment benchmarks for these individual industries, together with the industry division totals, are provided in table 5 for the three most recent benchmark periods: March 1959, March 1961, and March 1962.

²For detailed descriptions of the methods used in preparing these series, see the following BLS technical notes: "Measurement of Employment, Hours and Earnings in Nonagricultural Industries," and "Measurement of Labor Turnover," available upon request while the supply lasts.

³The finest subdivision (4-digit) shown in the 1957 *Standard Industrial Classification Manual*.

Table 5. Employment Estimates for Industries Not Published Monthly,¹
March 1959, 1961, and 1962

(Workers in thousands)

Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
Total industries ¹		54,442	52,787	52,093	2,349	4.5
Mining ¹	10-14	645	658	731	-86	-11.8
Lead and zinc ores	103	10.8	10.9	12.3	- 1.5	-12.2
Other metal ores	104-6,8,9	19.3	21.0	20.6	- 1.3	- 6.3
Anthracite Coal	11	12.1	14.1	18.6	- 6.5	-34.9
Crushed and broken stone . .	142	37.4	38.4	38.7	- 1.3	- 3.4
Sand and gravel	144	34.5	35.8	36.7	- 2.2	- 6.0
Quarrying and nonmetallic mining, not elsewhere classified.	141,5,7-9	35.4	36.4	35.8	- .4	- 1.1
Contract construction ¹	15-17	2,480	2,457	2,562	-82	- 3.2
Plumbing and heating, and air conditioning	171	302.5	304.0	304.0	- 1.5	- .5
Painting, paperhanging, and decorating	172	114.8	114.7	123.8	- 9.0	- 7.3
Electrical work	173	187.9	185.2	179.8	8.1	4.5
Masonry, stonework, tile- setting, plastering	174	207.9	205.1	224.3	-16.4	- 7.3
Carpentering and wood flooring	175	71.1	68.7	70.8	.3	.4
Roofing and sheetmetal work	176	91.4	90.2	93.5	- 2.1	- 2.2
Concrete work	177	56.1	48.7	52.3	3.8	7.3
Other special trade con- tractors	178,9	226.5	220.1	221.4	5.1	2.3
Manufacturing ¹	19-39	16,618	15,915	16,441	177	1.1
Durable goods ¹	19,24,25, 32-39	9,377	8,803	9,296	81	.9
Special products sawmills and planing mills	2426,9	34.2	31.9	35.1	- .9	- 2.6
Prefabricated wooden build- ings and structural members	2433	13.3	12.6	12.6	.7	5.6
Wooden containers, except boxes and crates	2433,5	9.0	9.5	10.6	- 1.6	-15.1
Household furniture, not elsewhere classified	2514,9	32.9	30.1	34.1	- 1.2	- 3.5
Public building and related furniture	253	19.6	19.7	20.9	- 1.3	- 6.2
Miscellaneous furniture and fixtures	259	20.1	19.1	21.9	- 1.8	- 8.2

Table 5. Employment Estimates for Industries Not Published Monthly,¹
 March 1959, 1961, and 1962 - Continued

(Workers in thousands)						
Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
		Durable goods—Continued				
Glass products made of purchased glass.	323	18.0	16.2	17.0	1.0	5.9
Clay refractories.	3255	14.7	14.1	16.1	- 1.4	- 8.7
Other structural clay products.	3253,9	23.2	23.6	25.8	- 2.6	-10.1
Cut stone and stone products	328	17.5	18.0	18.0	- .5	- 2.8
Abrasives, asbestos, and miscellaneous nonmetallic mineral products	329	100.0	94.0	104.9	- 4.9	- 4.7
Asbestos products.	3292	23.1	22.4	22.2	.9	4.1
Miscellaneous nonmetallic mineral products	3293,5-7,9	53.7	50.6	54.3	- .6	- 1.1
Steel pipe and tubes	3317	22.7	21.5	26.6	- 3.9	-14.7
Steel finishing mills and electrometallurgical products.	3313,5,6	50.7	44.0	51.4	- .7	- 1.4
Primary smelting and refining of nonferrous metals.	333	54.0	52.1	57.9	- 3.9	- 6.7
Primary smelting and refining of copper.	3331	15.9	14.4	14.9	1.0	6.7
Primary smelting and refining of lead	3332	3.3	4.8	5.4	- 2.1	-38.9
Primary smelting and refining of zinc.	3333	9.0	7.3	9.8	- .8	- 8.2
Primary production of aluminum	3334	17.9	16.3	19.0	- 1.1	- 5.8
Primary smelting and refining of nonferrous metals, not elsewhere classified	3339	7.9	9.3	8.8	- .9	-10.2
Secondary smelting and refining of nonferrous metals.	334	14.0	12.5	13.2	.8	6.1
Other nonferrous rolling, drawing and extruding	3356	17.2	17.3	16.9	.3	1.8
Primary metal industries, not elsewhere classified	3392,9	18.1	15.6	14.8	3.3	22.3

Table 5. Employment Estimates for Industries Not Published Monthly,¹
 March 1959, 1961, and 1962 - Continued

(Workers in thousands)

Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
		Durable goods—Continued				
Metal barrels, drums, kegs, and pails	3491	10.8	10.8	10.1	.7	6.9
Miscellaneous fabricated metal products, not elsewhere classified	3492,3,6,7,9	37.5	32.4	32.0	5.5	17.2
Elevators and moving stairways	3534	13.9	13.1	13.3	.6	4.5
Industrial trucks, tractors, trailers, and stackers . .	3537	19.9	18.7	18.2	1.7	9.3
Paper industries machinery	3554	17.5	16.8	15.8	1.7	10.8
Printing trades machinery and equipment	3555	24.5	23.7	21.3	3.2	15.0
Special industry machinery, not elsewhere classified	3553,9	54.6	51.0	55.6	-1.0	-1.8
Blowers, exhaust and ventilating fans	3564	23.2	21.4	21.1	2.1	10.0
General industrial machinery and equipment, not elsewhere classified . . .	3565,7,9	45.7	42.9	39.4	6.3	16.0
Typewriters	3572	18.6	20.5	21.6	-3.0	-13.9
Scales, balances, and office machines, not elsewhere classified . . .	3576,9	24.8	23.3	22.8	2.0	8.8
Other service industry machinery	3581,2,4,6,9	39.5	36.9	34.5	5.0	14.5
Carbon and graphite products	3624	11.2	10.8	10.5	.7	6.7
Other electrical industrial apparatus	3623,9	23.9	22.2	20.6	3.3	16.0
Sewing machines	3636	9.5	11.5	10.6	-1.1	-10.4
Other household appliances	3631,5,9	35.7	35.2	37.3	-1.6	-4.3
Storage batteries	3691	17.3	15.8	16.1	1.2	7.5
Primary batteries	3692	9.5	8.3	9.4	.1	1.1
Miscellaneous electrical machinery, equipment and supplies, not elsewhere classified	3693,9	16.7	16.3	16.6	.1	.6

Table 5. Employment Estimates for Industries Not Published Monthly,¹
 March 1959, 1961, and 1962 - Continued

(Workers in thousands)

Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
Durable goods—Continued						
Truck trailers	3715	19.6	15.4	20.1	- .5	- 2.5
Locomotives and parts	3741	15.1	12.8	17.2	- 2.1	-12.2
Railroad and streetcars	3742	25.2	21.6	22.2	3.0	13.5
Optical instruments and lenses	383	12.7	12.2	10.9	1.8	16.5
Ophthalmic goods	385	27.8	26.4	27.5	.3	1.1
Jewelry (precious metal) and cutting and polishing precious stones	3911-3	30.5	28.7	27.6	2.9	10.5
Silverware and plated ware	3914	11.4	13.3	15.0	- 3.6	-24.0
Musical instruments and parts	393	20.7	19.0	18.5	2.2	11.9
Other miscellaneous manufacturing industries	398,9	133.9	130.0	136.5	- 2.6	- 1.9
Nondurable goods ¹						
Condensed milk	2023	14.5	15.2	16.0	- 1.5	- 9.4
Other dairy products	2021,2,5	38.7	40.0	39.4	- .7	- 1.8
Dried, dehydrated, and pickled fruits and vegetables, etc.	2034,5	25.9	26.3	25.6	.3	1.2
Wet corn milling	2046	16.9	16.4	17.2	- .3	- 1.7
Other grain mill products	2043-5	21.0	20.6	20.8	.2	1.0
Cane sugar, except refining only	2061	8.6	9.1	9.6	- 1.0	-10.4
Cane sugar refining	2062	13.5	14.6	16.3	- 2.8	-17.2
Beet sugar	2063	7.0	7.3	7.1	- .1	- 1.4
Chocolate and cocoa products, chewing gum	2072,3	14.7	14.6	13.5	1.2	8.9
Distilled liquors	2085	20.0	20.5	21.3	- 1.3	- 6.1
Other beverages and related products	2083,4,7	17.3	17.4	17.8	- .5	- 2.8
Vegetable oils and fats	2091-3	20.3	21.3	22.6	- 2.3	-10.2
Miscellaneous food preparations	2094-9	120.4	118.1	116.3	4.1	3.5
Tobacco (chewing and smoking) and snuff	213	5.7	5.9	6.5	- .8	-12.3
Tobacco stemming and redrying	214	14.2	13.7	12.8	1.4	10.9

Table 5. Employment Estimates for Industries Not Published Monthly,¹
 March 1959, 1961, and 1962 - Continued

(Workers in thousands)

Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
Nondurable goods—Continued						
Knit fabrics and knitting, not elsewhere classified	2256,9	20.3	19.3	18.3	2.0	10.9
Yarn spinning	2281,3	79.5	76.1	87.1	- 7.6	- 8.7
Yarn throwing and thread mills	2282,4	23.3	20.6	21.4	1.9	8.9
Cordage and twine	2298	10.2	9.6	11.4	- 1.2	-10.5
Miscellaneous textile goods, not elsewhere classified	2291-7,9	56.0	53.5	61.1	- 5.1	- 8.3
Men's and boys' underwear	2322	14.1	13.1	12.4	1.7	13.7
Men's and boys' clothing, not elsewhere classified	2323,9	50.2	45.4	46.0	4.2	9.1
Girls' and children's outerwear, not elsewhere classified	2363,9	43.1	40.3	39.5	3.6	9.1
Fur goods	237	8.3	7.8	8.8	- .5	- 5.7
Miscellaneous apparel and accessories	238	63.0	59.4	59.6	3.4	5.7
Dress and work gloves, except knit and all leather	2381	14.4	13.8	14.4	0	0
Miscellaneous apparel and accessories, not elsewhere classified	2384-7,9	48.6	45.6	45.2	2.6	5.8
Textile bags	2393	8.9	9.0	9.1	- .2	- 2.2
Miscellaneous fabricated textile products, not elsewhere classified	2394-7,9	81.6	79.0	72.8	8.8	12.1
Other converted pulp and paperboard products, not elsewhere classified	2641,2,4-6,9	109.0	102.9	91.6	17.4	19.0
Sanitary food containers	2654	28.2	27.0	22.4	5.8	25.9
Fiber cans, tubes, drums, and similar products	2655	13.0	10.9	12.6	.4	3.2
Engraving and plate printing	2753	10.7	10.3	10.5	.2	1.9
Greeting cards	277	19.6	19.1	18.5	1.1	5.9
Other publishing and printing industries, not elsewhere classified	274,6,9	91.7	89.5	83.7	8.0	9.6
Alkalies and chlorine	2812	24.1	22.6	24.0	.1	.4

Table 5. Employment Estimates for Industries Not Published Monthly,¹
 March 1959, 1961, and 1962 - Continued

(Workers in thousands)

Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
Nondurable goods—Continued						
Industrial organic chemicals, not elsewhere classified	2818	112.4	110.2	106.6	5.8	5.4
Industrial inorganic chemicals, not elsewhere classified.	2819	92.6	93.8	91.9	.7	.8
Industrial gases, cyclic crude dyes, and pigments.	2813-6	53.1	51.8	53.4	- .3	- .6
Synthetic rubber	2822	13.0	11.0	10.1	2.9	28.7
Other drugs and medicines	2831,3	27.9	26.6	29.0	- 1.1	- 3.8
Other cleaning, polishing, and sanitation preparations.	2842,3	27.1	26.9	24.2	2.9	12.0
Agricultural chemicals, except fertilizer.	2873,9	12.1	11.3	9.2	2.9	31.5
Gum and wood chemicals .	286	8.2	8.8	7.7	.5	6.5
Miscellaneous chemical products.	289	72.6	69.4	70.1	2.5	3.6
Explosives	2892	19.7	17.6	17.6	2.1	11.9
Other chemical products, not elsewhere classified .	2891,3-5,9	52.9	51.8	52.5	.4	.8
Rubber footwear	302	26.8	22.9	21.6	5.2	24.1
Reclaimed rubber and other rubber products, not elsewhere classified	303,6	130.5	118.0	128.3	2.2	1.7
Boot and shoe cut stock. .	313	17.1	17.7	18.2	- 1.1	- 6.0
Luggage	316	15.7	14.6	15.8	- .1	- .6
Hand bags and other personal leather goods	317	38.1	36.1	36.6	1.5	4.1
Other leather products, not elsewhere classified. . . .	312,5,9	16.7	16.3	17.5	- .8	- 4.6
Transportation and public utilities ¹						
Class II railroads	40-49	3,865	3,846	3,959	-94	- 2.4
Class I switching and terminal companies.	4011-2	15.0	15.6	17.5	- 2.5	-14.3
Class I switching and terminal companies.	4013-1	36.2	35.7	42.9	- 6.7	-15.6
Class II switching and terminal companies.	4013-2	9.0	9.7	10.2	- 1.2	-11.8
Other services allied to highway transportation . .	414,5,7	27.7	25.3	19.0	8.7	45.8

Table 5. Employment Estimates for Industries Not Published Monthly,¹
 March 1959, 1961, and 1962 - Continued

(Workers in thousands)

Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
Transportation and public utilities¹-Continued						
Motor freight transportation	421,3	774.2	729.9	725.7	48.5	6.7
Public warehousing	422	77.5	80.3	82.4	- 4.9	- 5.9
Water transportation... . . .	44	220.8	222.4	231.7	-10.9	- 4.7
Deep sea transportation . .	441,2	83.4	84.3	83.3	.1	.1
Great Lakes-St. Lawrence Seaway transportation . . .	443	2.8	2.8	4.0	- 1.2	-30.0
Local water transportation	444,5	29.2	27.6	29.5	- .3	- 1.0
Services incidental to water transportation	446	105.4	107.7	114.9	- 9.5	- 8.3
Fixed facilities and services related to air transportation	458	21.0	20.2	17.2	3.8	22.1
Transportation services, not elsewhere classified .	47	76.8	74.6	68.6	8.2	12.0
Communication services, not elsewhere classified .	489	4.3	4.1	1.6	2.7	168.8
Wholesale and retail trade ¹	50,52-59	11,213	11,051	10,771	442	4.1
Farm products-raw materials (wholesale)	505	92.3	95.2	91.8	.5	.5
Miscellaneous wholesalers	509	1,037.8	1,017.7	1,006.3	31.5	3.1
Building materials, hardware, and farm equipment.	52	508.1	518.7	532.8	-24.7	- 4.6
Mail order houses	532	91.1	89.0	85.2	5.9	6.9
Limited price variety stores	533	305.8	300.3	304.8	1.0	.3
Other general merchandising	534,5,9	224.9	219.2	202.8	22.1	10.9
Candy, nut, and confectionery stores	544	28.4	31.9	34.2	- 5.8	-17.0
Retail bakeries.	546	93.0	94.2	90.7	2.3	2.5
Other food stores	545,9	44.3	45.5	47.3	- 3.0	- 6.3
Automotive dealers and gasoline service stations.	55	1,247.7	1,222.1	1,216.6	31.1	2.6

Table 5. Employment Estimates for Industries Not Published Monthly,¹
 March 1959, 1961, and 1962 - Continued

(Workers in thousands)

Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
Wholesale and retail trade¹- Continued						
New and used car dealers	551	591.9	589.5	602.8	-10.9	- 1.8
Used car dealers.	552	40.7	41.6	42.1	- 1.4	- 3.3
Gasoline service stations	554	472.0	453.3	440.0	32.0	7.3
Women's accessory and specialty stores.						
Other clothing stores	563	32.0	35.2	36.3	- 4.3	-11.8
	564,7-9	36.7	37.4	38.9	- 2.2	- 5.7
Furniture and home furnish- ings						
Household appliance stores	571	240.2	239.4	241.9	- 1.7	- .7
Radio, television, and music stores	572	87.7	89.8	92.4	- 4.7	- 5.1
	573	58.7	56.9	55.1	3.6	6.5
Miscellaneous retail stores						
Book and stationery stores	59	978.4	954.5	919.2	59.2	6.4
Farm and garden supply stores	594	51.9	53.1	52.8	- .9	- 1.7
Jewelry stores	596	90.8	91.6	89.4	1.4	1.6
	597	62.7	63.1	64.1	- 1.4	- 2.2
Fuel and ice dealers	598	113.4	111.2	112.0	1.4	1.3
Retail trade, not else- where classified	592,3,5,9	292.0	271.3	256.4	35.6	13.9
Finance, insurance, and real estate¹						
Other credit agencies.	60-67	2,757	2,684	2,548	209	8.2
Other insurance carriers	611,3,5,6	46.9	43.3	36.6	10.3	28.1
Subdividers and developers Real estate, other	635,6,9	39.9	38.9	39.6	.3	.8
	655	43.0	42.3	39.9	3.1	7.8
	651,3,4	424.9	412.5	423.8	1.1	.3
Combination of real estate, insurance, loans, law offices						
Holding and other invest- ment companies	66	53.5	54.3	57.2	- 3.7	- 6.5
	67	22.8	20.7	18.1	4.7	26.0

Table 5. Employment Estimates for Industries Not Published Monthly,¹
 March 1959, 1961, and 1962 - Continued

(Workers in thousands)

Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
Service and miscellaneous ¹	70-86,89, 99,07-09	7,731	7,407	6,925	806	11.6
Other lodging places	702-4	41.4	41.5	40.6	.8	2.0
Personal services	72	895.8	882.7	875.7	20.1	2.3
Photographic studios	722	31.8	32.1	31.7	.1	0.3
Beauty shops	723	168.7	156.6	138.1	30.6	22.2
Barber shops	724	73.7	73.6	73.4	.3	.4
Funeral services and crematories	726	53.0	51.6	47.7	5.3	11.1
Pressing, alteration, and garment repair	727	31.6	31.5	35.1	- 3.5	-10.0
Other personal services . .	725,9	28.2	28.6	29.6	- 1.4	- 4.7
Miscellaneous business services	73	846.9	778.6	669.9	177.0	26.4
Credit reporting and col- lection agencies	732	56.3	53.0	48.5	7.8	16.1
Duplicating, mailing, blue- printing, stenographic services	733	57.4	54.7	53.0	4.4	8.3
Services to buildings	734	129.1	116.2	92.7	36.4	39.3
Other business services . .	735,6,9	495.7	447.3	373.2	122.5	32.8
Automobile repair, automo- bile services, and garages	75	276.8	259.6	239.7	37.1	15.5
Automobile rentals, without drivers	751	25.2	23.3	19.5	5.7	29.2
Automobile parking	752	33.8	33.6	33.2	.6	1.8
Auto repair and services . .	753,4	217.8	202.7	187.0	30.8	16.5
Miscellaneous repair services	76	138.3	132.4	124.1	14.2	11.4
Electrical repair shops . . .	762	47.2	44.9	42.2	5.0	11.8
Other miscellaneous repair services	763,4,9	91.1	87.5	81.9	9.2	11.2
Motion picture filming . . .	7811	28.6	32.0	25.2	3.4	13.5
Motion picture distributing	7812	13.4	15.1	18.3	- 4.8	-26.2
Amusement and recreation services, except motion pictures	79	318.9	306.9	281.2	37.7	13.4

Table 5. Employment Estimates for Industries Not Published Monthly,¹
 March 1959, 1961, and 1962 - Continued

(Workers in thousands)

Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
Service and miscellaneous ¹ - Continued						
Bowling alleys and billiard parlors	793	101.9	97.9	77.6	24.3	31.3
Other winter amusements . .	791,2	60.7	61.5	65.3	- 4.6	- 7.0
Summer amusements	794	156.2	147.5	138.3	17.9	12.9
Medical and other health services	80	1,819.4	1,703.7	1,519.6	299.8	19.7
Offices of physicians and surgeons	801	239.4	218.4	207.1	32.3	15.6
Offices of dentists and dental surgeons	802	92.3	83.4	80.0	12.3	15.4
Other medical services . . .	803,4,7,9	255.3	230.4	183.7	71.6	39.0
Legal services	81	155.2	146.0	135.9	19.3	14.2
Educational services	82	825.9	783.8	748.0	77.9	10.4
Elementary and secondary schools (private)	821	285.7	274.0	249.2	36.5	14.6
Higher educational institutions (private)	822	492.4	463.0	441.0	51.4	11.7
Other educational services (private)	823,4,9	47.8	46.8	57.8	-10.0	-17.3
Museums, art galleries, botanical and zoological gardens	84	9.2	9.2	7.9	1.3	16.5
Nonprofit membership organizations	86	1,148.4	1,135.7	1,079.1	69.3	6.4
Business associations . . .	861	54.6	52.2	50.5	4.1	8.1
Labor organizations	863	107.9	104.4	101.8	6.1	6.0
Religious and charitable organizations	866,7	829.5	826.2	775.3	54.2	7.0
Other nonprofit membership organizations, excluding religious and charitable organizations	862,4,5,9	156.4	152.9	151.5	4.9	3.2
Miscellaneous services . .	89	390.5	369.9	327.2	63.3	19.3
Engineering and architectural services	891	200.5	187.7	175.4	25.1	14.3

Table 5. Employment Estimates for Industries Not Published Monthly,¹
 March 1959, 1961, and 1962 – Continued

(Workers in thousands)

Industry title	Industry code ²	All employees			Change from March 1959 to March 1962	
		March 1962	March 1961	March 1959	Number	Percent
Service and miscellaneous ¹ — Continued						
Nonprofit educational and scientific research organizations	892	61.0	59.2	38.7	22.3	57.6
Other miscellaneous services	893,9	129.0	123.0	113.1	15.9	14.1
Agricultural services, forestry, fisheries	07-09	166.6	168.6	166.2	.4	.2
Nonclassifiable establish- ments	99	26.0	19.7	53.1	-27.1	-51.0
Government ¹	91-93	9,133	8,769	8,156	977	12.0

¹Includes overall total and industry division totals which are published regularly.

²According to 1957 *Standard Industrial Classification Manual* published by U.S. Bureau of the Budget.

SEASONAL FACTORS

The following tables present seasonal adjustment factors for all series in the B, C, and D sections of this periodical, which have been revised, as in the past, coincidental with the adjustment of the industry employment series to new benchmarks. These factors will be revised again in 1964 when the industry employment statistics are again adjusted to later benchmarks and more current data are available. The seasonal movements are measured in order to adjust the data statistically for such recurring events as warm and cold weather, crop-growing cycles, holidays, vacations, regular industry model changeover periods, and the like. These movements are generally the largest single component of month-to-month changes in employment, hours, and labor turnover. The seasonal factors which follow enable the analyst to remove these influences from the data in order to determine more basic trends.

Seasonal adjustment factors for employees in nonagricultural establishments, by industry division and groups

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total ^{1/}												
Mining.....	98.5	97.9	97.7	98.9	100.4	101.7	100.1	101.7	101.5	101.2	100.7	100.1
Contract Construction.....	87.1	84.6	87.3	94.7	101.0	106.1	109.6	111.5	110.0	108.7	103.9	95.3
Manufacturing ^{1/}												
Durable Goods ^{1/}												
Ordnance and accessories.....	100.1	100.0	100.1	99.8	99.4	99.2	99.6	100.5	100.2	99.9	100.5	100.6
Lumber and wood products, except furniture.....	94.6	94.2	93.9	97.2	100.5	104.7	104.4	105.4	104.4	102.9	100.4	97.7
Furniture and fixtures.....	98.9	99.0	98.8	98.9	98.6	99.5	98.6	101.1	101.9	102.3	101.6	100.4
Stone, clay, and glass products.....	95.5	95.4	96.1	98.8	100.6	102.4	102.4	103.3	103.2	102.2	101.0	98.7
Primary metal industries.....	99.9	100.3	100.6	100.1	100.7	100.6	99.0	99.6	100.2	99.8	99.7	99.8
Fabricated metal products.....	99.8	99.0	98.7	98.8	99.7	100.6	99.1	99.9	101.2	101.6	101.4	100.6
Machinery.....	99.9	100.5	100.9	101.0	100.7	101.0	100.0	99.4	99.6	98.9	98.9	99.7
Electrical equipment and supplies.....	100.3	99.9	99.3	98.6	98.5	99.2	98.7	99.9	101.1	101.5	101.8	101.0
Transportation equipment.....	101.7	100.8	100.4	99.6	100.4	99.9	98.9	94.1	99.5	100.2	102.5	102.2
Instruments and related products.....	99.9	99.7	99.6	99.4	99.4	99.8	99.1	100.2	100.8	100.7	101.0	100.5
Miscellaneous manufacturing industries.....	94.1	95.8	96.7	97.7	99.1	101.0	98.6	102.8	105.3	106.3	104.3	98.5
Nondurable Goods ^{1/}												
Food and kindred products.....	95.4	94.4	94.4	95.5	96.4	100.0	102.9	107.9	108.7	105.2	101.1	98.2
Tobacco manufactures.....	100.5	96.8	90.8	87.0	86.0	86.3	85.8	110.8	126.2	119.9	105.4	104.1
Textile mill products.....	98.9	99.0	99.2	99.5	99.8	100.7	99.2	101.1	101.1	100.9	100.7	100.0
Apparel and related products.....	98.7	100.9	101.2	98.8	97.8	98.7	97.2	102.3	101.8	101.4	101.5	100.2
Paper and allied products.....	99.3	98.8	99.0	99.4	99.3	100.6	99.7	100.9	101.2	100.9	100.6	100.3
Printing, publishing, and allied industries.....	99.6	99.6	99.8	99.6	99.3	99.7	99.6	99.8	100.3	100.9	101.1	100.7
Chemicals and allied products.....	99.2	99.3	99.9	100.9	100.6	100.2	100.2	100.7	100.3	99.9	99.6	99.5
Petroleum refining and related industries.....	98.8	98.7	99.0	99.7	100.3	101.7	101.5	101.9	100.7	100.2	99.0	98.4
Rubber and miscellaneous plastic products.....	100.2	99.5	99.0	98.2	98.4	99.5	98.2	100.2	101.7	102.4	101.8	101.3
Fur and leather products.....	100.1	100.7	100.2	98.1	97.6	100.2	99.5	102.3	100.3	99.8	100.8	100.6
Transportation and public utilities.....	98.8	98.6	98.8	99.2	99.7	100.9	101.0	100.9	100.8	100.8	100.4	100.4
Wholesale and retail trade ^{1/}												
Wholesale trade.....	99.6	99.1	98.8	98.6	98.6	99.5	100.3	101.3	100.9	101.1	101.0	101.5
Retail trade.....	98.4	96.9	^{2/} 97.5	^{2/} 99.5	99.3	100.0	99.3	99.2	99.9	100.5	102.2	108.7
Finance, Insurance, and Real Estate.....	99.0	99.1	99.2	99.6	99.8	100.7	101.6	101.6	100.5	99.9	99.7	99.6
Service and Miscellaneous.....	98.1	98.2	98.4	100.0	100.8	101.7	101.5	101.0	100.7	100.5	99.8	99.2
Government ^{1/}												
Federal ^{3/}	98.9	100.0	99.8	100.2	99.8	100.7	101.0	100.8	99.8	99.6	99.8	99.5
State and local.....	100.8	101.3	101.3	101.0	101.0	99.8	95.2	94.7	100.0	101.6	101.9	101.2

^{1/} Seasonally adjusted data derived by summation of components.

^{2/} Factors shown are for 1962. For 1963, the March seasonal adjustment factor is 97.0 and April 100.0. For 1964, the factors are 99.0 in March and 98.0 in April.

^{3/} Based on data which exclude temporary Christmas employees of the Post Office during December.

Seasonal adjustment factors for labor turnover rates in manufacturing.

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions.....	96.8	84.9	91.8	94.6	104.0	124.4	108.3	129.3	123.4	99.4	79.6	63.4
New hires.....	83.6	80.5	83.3	89.5	103.2	136.7	114.6	134.7	132.5	107.6	78.6	55.3
Total separations.....	99.0	86.3	91.7	90.9	90.0	90.5	102.2	112.5	124.3	109.9	102.3	100.0
Quits.....	79.3	75.5	81.1	90.6	96.8	102.1	101.6	111.6	178.2	108.9	80.4	63.9
Layoffs.....	109.8	90.8	94.0	89.1	81.6	80.5	102.8	96.1	97.9	111.3	118.4	127.9

Seasonal adjustment factors for average weekly hours of production workers in selected industries

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Mining.....	99.0	98.5	98.8	99.3	100.0	101.2	100.8	101.1	100.7	101.2	99.7	100.3
Contract Construction.....	95.8	96.0	97.1	99.4	101.3	102.0	103.3	104.2	102.6	103.4	98.6	96.4
Manufacturing.....	99.2	99.2	99.3	99.4	100.1	100.7	100.3	100.5	100.1	100.3	100.1	100.8
Durable Goods.....	99.4	99.3	99.5	99.8	100.3	100.7	99.7	100.0	100.1	100.6	100.3	100.3
Nondurable Goods.....	99.0	98.8	99.0	98.9	99.8	100.5	100.8	101.0	100.5	100.2	100.3	100.8
Durable Goods												
Ordnance and accessories.....	100.4	99.9	100.5	99.9	100.2	99.5	99.0	99.2	99.8	100.1	100.4	101.1
Lumber and wood products, except furniture....	98.4	98.3	98.6	99.3	101.0	102.1	100.4	101.6	101.5	101.2	99.1	98.3
Furniture and fixtures.....	98.3	98.4	98.8	98.3	98.2	99.9	99.1	101.6	102.1	102.1	100.8	102.1
Stone, clay, and glass products.....	97.9	97.5	98.1	99.5	100.7	101.4	101.2	101.8	101.2	101.3	100.4	99.1
Primary metal industries.....	100.3	100.0	100.5	100.5	99.9	101.1	100.0	99.2	100.0	99.4	99.2	100.4
Fabricated metal products.....	99.1	98.6	99.1	99.3	100.3	101.2	100.0	100.9	101.2	100.6	100.0	100.2
Machinery.....	99.7	99.8	100.3	100.5	100.7	101.0	99.9	99.7	99.6	99.8	99.2	100.3
Electrical equipment and supplies.....	100.0	99.4	99.5	99.1	99.8	100.4	98.9	100.0	101.0	100.7	100.4	101.3
Transportation equipment.....	98.8	99.2	99.7	99.5	100.7	100.2	99.8	98.3	99.8	100.9	101.3	101.6
Instruments and related products.....	99.9	99.2	99.6	99.6	99.7	100.5	99.7	100.1	100.0	100.3	100.8	100.8
Miscellaneous manufacturing industries.....	99.0	99.3	100.1	99.4	99.7	100.5	98.8	100.0	100.3	101.0	101.0	100.7
Nondurable Goods												
Food and kindred products.....	99.1	98.1	98.2	98.3	100.0	100.5	101.5	101.0	101.8	100.6	100.3	100.3
Tobacco manufactures.....	98.1	96.6	95.2	97.5	99.3	101.4	98.4	100.7	106.8	104.3	99.2	103.1
Textile mill products.....	98.9	99.3	99.1	99.1	100.1	101.2	100.1	100.6	99.7	100.7	101.2	100.5
Apparel and related products.....	97.7	99.6	100.3	99.2	99.9	100.7	100.9	102.5	99.3	99.8	100.4	99.8
Paper and allied products.....	99.0	98.8	99.3	99.3	99.7	100.8	100.5	100.9	100.9	100.5	100.1	100.1
Printing, publishing, and allied industries....	99.4	99.3	99.9	99.5	99.9	99.9	99.8	100.2	100.6	100.1	100.2	101.2
Chemicals and allied products.....	99.7	99.4	99.6	100.4	100.3	100.7	100.0	99.7	100.1	99.7	100.1	99.9
Petroleum refining and related industries....	99.7	98.1	98.6	99.8	100.1	101.0	101.6	99.9	101.6	100.3	100.0	98.9
Rubber and miscellaneous plastic products....	99.4	98.8	99.0	98.6	100.2	101.5	100.7	100.5	100.4	100.2	100.2	100.6
Leather and leather products.....	102.4	100.7	100.0	96.5	98.2	101.6	102.6	101.4	98.0	97.2	99.5	101.8
Wholesale and Retail Trade 1/.....	99.4	99.3	99.4	99.5	99.5	100.6	101.4	101.3	100.0	99.6	99.2	100.4
Wholesale trade.....	99.7	99.3	99.6	99.7	99.9	100.2	100.7	100.2	100.2	100.2	100.0	100.4
Retail trade 1/.....	99.4	99.3	99.3	99.5	99.4	100.6	101.7	101.8	100.0	99.3	98.9	100.6

1/ Excludes eating and drinking places.

Seasonal adjustment factors for production workers in manufacturing

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Manufacturing 1/												
Durable Goods 1/												
Nondurable Goods 1/												
Durable Goods												
Ordnance and accessories.....	100.4	100.2	100.3	99.6	99.4	98.7	99.0	99.4	100.4	100.2	101.4	101.1
Lumber and wood products, except furniture....	93.9	93.5	93.1	96.8	100.5	105.1	104.9	105.9	104.9	103.2	100.4	97.4
Furniture and fixtures.....	98.8	98.8	98.7	98.7	98.4	99.5	98.4	101.5	102.3	102.7	102.0	100.5
Stone, clay, and glass products.....	94.9	94.4	95.4	98.6	100.9	103.0	102.9	104.0	104.1	102.7	101.3	98.4
Primary metal industries.....	100.0	100.4	100.8	100.1	100.8	100.7	98.6	99.3	100.3	99.8	99.6	99.8
Fabricated metal products.....	99.7	98.8	98.5	98.5	99.7	100.7	98.7	99.8	101.6	102.0	101.8	100.8
Machinery.....	99.8	100.8	101.2	101.4	101.2	101.2	99.6	98.7	99.4	98.4	98.6	99.6
Electrical equipment and supplies.....	100.6	99.9	99.0	98.2	98.2	98.9	98.0	99.7	101.7	102.2	102.3	101.4
Transportation equipment.....	102.5	101.0	100.5	99.6	100.8	99.9	98.3	91.2	99.0	100.5	103.7	103.0
Instruments and related products.....	99.9	99.6	99.5	99.2	99.3	99.7	98.3	100.0	101.1	101.2	101.4	100.9
Miscellaneous manufacturing industries.....	92.8	94.7	95.9	97.3	99.0	101.2	98.5	103.5	106.4	107.8	105.2	98.1
Nondurable Goods												
Food and kindred products.....	93.7	92.2	92.2	93.8	94.8	99.6	103.5	110.7	112.4	107.7	101.8	97.7
Tobacco manufactures.....	100.8	96.7	89.9	85.7	84.3	84.8	83.9	112.1	129.3	122.1	105.9	104.4
Textile mill products.....	98.8	98.9	99.2	99.4	99.8	100.8	99.2	101.2	101.2	101.1	100.8	100.0
Apparel and related products.....	98.6	101.0	101.4	98.5	97.5	98.3	96.9	102.5	101.8	101.4	101.5	100.2
Paper and allied products.....	99.2	98.7	98.8	99.3	99.3	100.7	99.3	101.0	101.5	101.1	100.9	100.3
Printing, publishing, and allied industries....	99.4	99.4	99.7	99.5	99.2	99.6	99.2	99.7	100.7	101.3	101.4	100.8
Chemicals and allied products.....	99.0	99.1	100.1	101.5	101.0	100.0	99.6	100.2	100.2	99.8	99.6	99.5
Petroleum refining and related industries....	98.7	98.5	98.7	99.5	100.5	102.2	101.7	102.3	101.0	100.3	99.0	98.1
Rubber and miscellaneous plastic products....	100.3	99.4	98.8	97.7	98.0	99.4	97.5	100.0	102.1	103.0	102.4	101.7
Leather and leather products.....	100.1	100.8	100.1	97.9	97.3	100.3	99.4	102.5	100.4	99.8	100.7	100.6

1/ Seasonally adjusted data derived by summation of components.

HOUSEHOLD DATA

Table A-1: Employment status of the noninstitutional population, 1929 to date

(In thousands)

Year and month	Total noninstitutional population	Civilian labor force									Not in labor force	
		Total labor force		Employed ¹						Unemployed ¹		
		Number	Percent of population	Total	Total	Agriculture	Nonagricultural industries	Number	Percent of labor force			
									Not seasonally adjusted	Seasonally adjusted		
1929.....	(2)	49,440	(2)	49,180	47,630	10,450	37,180	1,550	3.2	-	(2)	
1930.....	(2)	50,080	(2)	49,820	45,480	10,340	35,140	4,340	8.7	-	(2)	
1931.....	(2)	50,680	(2)	50,420	42,400	10,290	32,110	8,020	15.9	-	(2)	
1932.....	(2)	51,250	(2)	51,000	38,940	10,170	28,770	12,060	23.6	-	(2)	
1933.....	(2)	51,840	(2)	51,590	38,760	10,090	28,670	12,830	24.9	-	(2)	
1934.....	(2)	52,490	(2)	52,230	40,890	9,900	30,990	11,340	21.7	-	(2)	
1935.....	(2)	53,140	(2)	52,870	42,260	10,110	32,150	10,610	20.1	-	(2)	
1936.....	(2)	53,740	(2)	53,440	44,410	10,000	34,410	9,030	16.9	-	(2)	
1937.....	(2)	54,320	(2)	54,000	46,300	9,820	36,480	7,700	14.3	-	(2)	
1938.....	(2)	54,950	(2)	54,610	48,220	9,690	34,530	10,390	19.0	-	(2)	
1939.....	(2)	55,600	(2)	55,230	45,750	9,610	36,140	9,480	17.2	-	(2)	
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200	
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990	
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230	
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100	
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590	
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230	
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550	
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850	
1948.....	108,632	62,898	57.9	61,442	59,117	7,960	51,156	2,325	3.8	-	45,733	
1949.....	109,773	63,721	58.0	62,105	58,423	8,017	50,406	3,682	5.9	-	46,051	
1950.....	110,929	64,749	58.4	63,099	59,748	7,497	52,251	3,351	5.3	-	46,181	
1951.....	112,075	65,983	58.9	62,884	60,784	7,048	53,736	2,099	3.3	-	46,092	
1952.....	113,270	66,560	58.8	62,966	61,035	6,792	54,243	1,932	3.1	-	46,710	
1953 ²	115,094	67,362	58.5	63,815	61,945	6,555	55,390	1,870	2.9	-	47,732	
1954.....	116,219	67,818	58.4	64,468	60,890	6,495	54,395	3,578	5.6	-	48,401	
1955.....	117,388	68,896	58.7	65,848	62,944	6,718	56,225	2,904	4.4	-	48,492	
1956.....	118,734	70,387	59.3	67,530	64,708	6,572	58,135	2,822	4.2	-	48,348	
1957.....	120,445	70,744	58.7	67,946	65,011	6,222	58,789	2,936	4.3	-	49,699	
1958.....	121,950	71,284	58.5	68,647	63,966	5,844	58,122	4,681	6.8	-	50,666	
1959.....	123,366	71,946	58.3	69,394	65,581	5,836	59,745	3,813	5.5	-	51,420	
1960 ⁴	125,368	73,126	58.3	70,612	66,681	5,723	60,958	3,931	5.6	-	52,242	
1961.....	127,852	74,175	58.0	71,603	66,796	5,463	61,333	4,806	6.7	-	53,677	
1962 ⁵	130,081	74,681	57.4	71,854	67,846	5,190	62,657	4,007	5.6	-	55,400	
1962: August.....	130,359	76,554	58.7	73,695	69,762	5,770	63,993	3,932	5.3	5.7	53,805	
September.....	130,546	74,914	57.4	72,179	68,668	5,564	63,103	3,512	4.9	5.6	55,631	
October.....	130,730	74,923	57.3	72,187	68,893	5,475	63,418	3,294	4.6	5.3	55,808	
November.....	130,910	74,532	56.9	71,782	67,981	4,883	63,098	3,801	5.3	5.8	56,378	
December.....	131,096	74,142	56.6	71,378	67,561	4,066	63,495	3,817	5.3	5.5	56,954	
1963: January.....	131,253	73,323	55.9	70,607	65,935	4,206	61,730	4,672	6.6	5.8	57,930	
February.....	131,414	73,999	56.3	71,275	66,358	4,049	62,309	4,918	6.9	6.1	57,414	
March.....	131,589	74,382	56.5	71,650	67,148	4,337	62,812	4,501	6.3	5.6	57,208	
April.....	131,739	74,897	56.9	72,161	68,097	4,673	63,424	4,063	5.6	5.7	56,843	
May.....	131,865	75,864	57.5	73,127	69,061	5,178	63,883	4,066	5.6	5.9	56,001	
June.....	132,036	77,901	59.0	75,165	70,319	5,954	64,365	4,846	6.4	5.7	54,135	
July.....	132,196	77,917	58.9	75,173	70,851	5,969	64,882	4,322	5.7	5.6	54,279	
August.....	132,345	77,167	58.3	74,418	70,561	5,496	65,065	3,857	5.2	5.5	55,178	

¹Data for 1947-56 adjusted to reflect changes in the definition of employment and unemployment adopted in January 1957. Two groups averaging about one-quarter million workers which were formerly classified as employed (with a job but not at work)—those on temporary layoff and those waiting to start new wage and salary jobs within 30 days—were assigned to different classifications, mostly to the unemployed. Data by sex, shown in table A-2, were adjusted for the years 1948-56.

²Not available.

³Beginning 1953, labor force and employment figures are not strictly comparable with previous years as a result of the introduction of material from the 1950 Census into the estimating procedure. Population levels were raised by about 600,000; labor force, total employment, and agricultural employment by about 350,000, primarily affecting the figures for total and males. Other categories were relatively unaffected.

⁴Data include Alaska and Hawaii beginning 1960 and are therefore not strictly comparable with previous years. This inclusion has resulted in an increase of about half a million in the noninstitutional population 14 years of age and over, and about 300,000 in the labor force, four-fifths of this in nonagricultural employment. The levels of other labor force categories were not appreciably changed.

⁵Figures for periods prior to April 1962 are not strictly comparable with current data because of the introduction of 1960 Census data into the estimation procedure. The change primarily affected the labor force and employment totals, which were reduced by about 200,000. The unemployment totals were virtually unchanged.

Table A-2: Employment status of the noninstitutional population, by sex

(In thousands)

Sex, year, and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed ¹			Unemployed ¹			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
MALE											
1940.....	50,080	42,020	83.9	41,480	35,550	8,450	27,100	5,930	14.3	-	8,060
1944.....	51,980	46,670	89.8	35,460	35,110	7,020	28,090	350	1.0	-	5,310
1947.....	53,085	44,844	84.5	43,272	41,677	6,953	34,725	1,595	3.7	-	8,242
1948.....	53,513	45,300	84.7	43,858	42,268	6,623	35,645	1,590	3.6	-	8,213
1949.....	54,028	45,674	84.5	44,075	41,473	6,629	34,844	2,602	5.9	-	8,354
1950.....	54,526	46,069	84.5	44,442	42,162	6,271	35,891	2,280	5.1	-	8,457
1951.....	54,996	46,674	84.9	43,612	42,362	5,791	36,571	1,250	2.9	-	8,322
1952.....	55,503	47,001	84.7	43,454	42,237	5,623	36,614	1,217	2.8	-	8,502
1953 ²	56,534	47,692	84.4	44,194	42,966	5,496	37,470	1,228	2.8	-	8,840
1954.....	57,016	47,847	83.9	44,537	42,165	5,429	36,736	2,372	5.3	-	9,169
1955.....	57,484	48,054	83.6	45,041	43,152	5,479	37,673	1,889	4.2	-	9,340
1956.....	58,044	48,579	83.7	45,756	43,999	5,268	38,731	1,757	3.8	-	9,465
1957.....	58,813	48,649	82.7	45,882	43,990	5,037	38,952	1,893	4.1	-	10,164
1958.....	59,478	48,802	82.1	46,197	43,042	4,802	38,240	3,155	6.8	-	10,677
1959.....	60,100	49,081	81.7	46,562	44,089	4,749	39,340	2,473	5.3	-	11,019
1960 ³	61,000	49,507	81.2	47,025	44,485	4,678	39,807	2,541	5.4	-	11,493
1961.....	62,147	49,918	80.3	47,378	44,318	4,508	39,811	3,060	6.5	-	12,229
1962 ⁴	63,234	50,175	79.3	47,380	44,892	4,266	40,626	2,488	5.3	-	13,059
1962: August.....	63,371	51,657	81.5	48,830	46,503	4,604	41,899	2,327	4.8	5.3	11,714
September.....	63,456	50,110	79.0	47,406	45,415	4,363	41,052	1,991	4.2	5.2	13,346
October.....	63,540	49,974	78.6	47,269	45,387	4,256	41,131	1,881	4.0	4.9	13,567
November.....	63,622	49,719	78.1	47,001	44,743	4,040	40,703	2,259	4.8	5.4	13,902
December.....	63,708	49,574	77.8	46,841	44,319	3,537	40,782	2,522	5.4	5.2	14,134
1963: January.....	63,776	49,269	77.3	46,585	43,505	3,666	39,839	3,080	6.6	5.5	14,507
February.....	63,846	49,508	77.5	46,816	43,523	3,529	39,994	3,293	7.0	5.9	14,339
March.....	63,926	49,675	77.7	46,975	43,962	3,711	40,251	3,013	6.4	5.4	14,251
April.....	63,991	50,010	78.2	47,305	44,706	3,945	40,762	2,600	5.5	5.4	13,980
May.....	64,053	50,483	78.8	47,778	45,345	4,140	41,205	2,434	5.1	5.5	13,570
June.....	64,130	52,204	81.4	49,500	46,722	4,644	42,078	2,779	5.6	5.2	11,926
July.....	64,197	52,477	81.7	49,765	47,249	4,711	42,538	2,516	5.1	5.2	11,721
August.....	64,259	52,060	81.0	49,342	47,118	4,385	42,733	2,224	4.5	4.9	12,199
FEMALE											
1940.....	50,300	14,160	28.2	14,160	11,970	1,090	10,880	2,190	15.5	-	36,140
1944.....	52,650	19,370	36.8	19,170	18,850	1,930	16,920	320	1.7	-	33,280
1947.....	54,523	16,915	31.0	16,896	16,349	1,314	15,036	547	3.2	-	37,608
1948.....	55,118	17,599	31.9	17,583	16,848	1,338	15,510	735	4.1	-	37,520
1949.....	55,745	18,048	32.4	18,030	16,947	1,386	15,561	1,083	6.0	-	37,697
1950.....	56,404	18,680	33.1	18,657	17,584	1,226	16,358	1,073	5.8	-	37,724
1951.....	57,078	19,309	33.8	19,272	18,421	1,257	17,164	851	4.4	-	37,770
1952.....	57,766	19,558	33.9	19,513	18,798	1,170	17,628	715	3.7	-	38,208
1953 ²	58,561	19,668	33.6	19,621	18,979	1,061	17,918	642	3.3	-	38,893
1954.....	59,203	19,971	33.7	19,931	18,724	1,067	17,657	1,207	6.1	-	39,232
1955.....	59,904	20,842	34.8	20,806	19,790	1,239	18,551	1,016	4.9	-	39,062
1956.....	60,690	21,808	35.9	21,774	20,707	1,306	19,401	1,067	4.9	-	38,883
1957.....	61,632	22,097	35.9	22,064	21,021	1,184	19,837	1,043	4.7	-	39,535
1958.....	62,472	22,482	36.0	22,451	20,924	1,042	19,882	1,526	6.8	-	39,990
1959.....	63,265	22,865	36.1	22,832	21,492	1,087	20,405	1,340	5.9	-	40,401
1960 ³	64,368	23,619	36.7	23,587	22,196	1,045	21,151	1,390	5.9	-	40,749
1961.....	65,705	24,257	36.9	24,225	22,478	955	21,523	1,747	7.2	-	41,448
1962 ⁴	66,848	24,507	36.7	24,474	22,954	924	22,031	1,519	6.2	-	42,341
1962: August.....	66,988	24,897	37.2	24,865	23,260	1,166	22,094	1,605	6.5	6.5	42,091
September.....	67,089	24,804	37.0	24,773	23,253	1,201	22,051	1,520	6.1	6.4	42,285
October.....	67,190	24,949	37.1	24,918	23,505	1,219	22,287	1,413	5.7	6.1	42,241
November.....	67,288	24,812	36.9	24,781	23,238	843	22,395	1,543	6.2	6.5	42,476
December.....	67,388	24,568	36.5	24,537	23,242	528	22,714	1,295	5.3	6.2	42,820
1963: January.....	67,478	24,054	35.6	24,022	22,430	540	21,890	1,592	6.6	6.4	43,424
February.....	67,567	24,492	36.2	24,460	22,835	520	22,315	1,625	6.6	6.5	43,076
March.....	67,663	24,707	36.5	24,675	23,186	625	22,560	1,489	6.0	6.0	42,957
April.....	67,749	24,886	36.7	24,854	23,391	728	22,663	1,463	5.9	6.2	42,863
May.....	67,812	25,381	37.4	25,349	23,717	1,038	22,679	1,632	6.4	6.7	42,431
June.....	67,906	25,697	37.8	25,665	23,598	1,310	22,287	2,067	8.1	6.5	42,209
July.....	67,999	25,440	37.4	25,408	23,602	1,258	22,344	1,806	7.1	6.4	42,559
August.....	68,087	25,108	36.9	25,076	23,443	1,111	22,332	1,633	6.5	6.5	42,979

¹See footnote 1, table A-1. ²See footnote 3, table A-1. ³See footnote 4, table A-1. ⁴See footnote 5, table A-1.

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Table A-3: Employment status of the noninstitutional population, by sex

(In thousands)

Employment status	Total			Male			Female		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
Total	132,345	132,196	130,359	64,259	64,197	63,371	68,087	67,999	66,988
Total labor force	77,167	77,917	76,554	52,060	52,477	51,657	25,108	25,440	24,897
Civilian labor force	74,418	75,173	73,695	49,342	49,765	48,830	25,076	25,408	24,865
Employed	70,561	70,851	69,762	47,118	47,249	46,503	23,443	23,602	23,260
Agriculture	5,496	5,969	5,770	4,385	4,711	4,604	1,111	1,258	1,166
Nonagricultural industries	65,065	64,882	63,993	42,733	42,538	41,899	22,332	22,344	22,094
Unemployed	3,857	4,322	3,932	2,224	2,516	2,327	1,633	1,806	1,605
Looking for full-time work	3,282	3,689	(1)	1,936	2,211	(1)	1,346	1,478	(1)
Looking for part-time work	575	634	(1)	288	306	(1)	287	328	(1)
Not in labor force	55,178	54,279	53,805	12,199	11,721	11,714	42,979	42,559	42,091

Not available.

Table A-4: Unemployed persons, by age and sex

Age and sex	Thousands of persons			Unemployment rate			Percent distribution		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
Total	3,857	4,322	3,932	5.2	5.7	5.3	100.0	100.0	100.0
Male	2,224	2,516	2,327	4.5	5.1	4.8	57.7	58.2	59.2
14 to 19 years	540	792	441	11.2	15.5	9.6	14.0	18.3	11.2
14 and 15 years	67	122	62	6.0	10.0	5.2	1.7	2.8	1.6
16 to 19 years	474	670	380	12.8	17.2	11.1	12.3	15.5	9.7
20 to 24 years	384	402	411	8.0	8.3	9.0	10.0	9.3	10.5
25 to 34 years	373	355	440	3.8	3.6	4.4	9.7	8.2	11.2
35 to 44 years	310	347	349	2.8	3.1	3.1	8.0	8.0	8.9
45 to 54 years	301	302	333	3.1	3.1	3.4	7.8	7.0	8.5
55 to 64 years	221	248	262	3.3	3.7	4.0	5.7	5.7	6.7
65 years and over	95	70	90	4.3	3.1	4.0	2.5	1.6	2.3
Female	1,633	1,806	1,605	6.5	7.1	6.5	42.3	41.8	40.8
14 to 19 years	362	606	334	11.5	17.7	10.3	9.4	14.0	8.5
14 and 15 years	35	60	30	7.0	10.1	5.1	.9	1.4	.8
16 to 19 years	327	547	305	12.4	19.3	11.5	8.5	12.7	7.8
20 to 24 years	285	286	317	9.5	9.5	10.9	7.4	6.6	8.1
25 to 34 years	316	281	266	7.8	6.9	6.5	8.2	6.5	6.8
35 to 44 years	286	261	322	5.2	4.8	6.0	7.4	6.0	8.2
45 to 54 years	247	232	194	4.7	4.4	3.7	6.4	5.4	4.9
55 to 64 years	116	118	125	3.6	3.6	4.0	3.0	2.7	3.2
65 years and over	20	22	46	2.2	2.5	5.3	.5	.5	1.2

Table A-5: Unemployed persons, by industry of last job

Industry	Unemployment rate			Percent distribution		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
Total	5.2	5.7	5.3	100.0	100.0	100.0
Experienced wage and salary workers	5.0	5.1	5.3	82.6	75.2	83.5
Agriculture	6.7	7.4	4.8	3.8	4.0	2.5
Nonagricultural industries	5.0	5.0	5.3	78.8	71.2	81.0
Mining, forestry, fisheries	5.3	5.2	9.3	.9	.9	1.6
Construction	6.9	8.5	6.5	7.7	8.5	7.1
Manufacturing	5.2	5.3	5.9	26.3	23.2	28.8
Durable goods	5.4	5.0	6.8	15.3	12.5	18.3
Nondurable goods	4.9	5.6	4.9	11.0	10.7	10.5
Transportation and public utilities	4.1	3.6	3.9	4.8	3.8	4.6
Wholesale and retail trade	5.7	6.1	6.2	16.9	16.1	17.5
Finance, insurance, and real estate	3.1	2.4	3.1	2.4	1.6	2.2
Service industries	4.7	4.6	4.9	17.5	15.1	17.4
Public administration	2.4	2.3	1.9	2.3	2.0	1.8
Self-employed and unpaid family workers	.8	.8	.9	2.2	2.1	2.5
No previous work experience	-	-	-	15.2	22.7	14.0
14 to 19 years	-	-	-	11.8	18.4	9.9
20 years and over	-	-	-	3.4	4.3	4.1

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Table A-6: Unemployed persons, by occupation of last job

Occupation	Unemployment rate			Percent distribution		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
Total	5.2	5.7	5.3	100.0	100.0	100.0
White-collar workers	3.0	2.8	3.2	24.0	19.9	25.0
Professional and technical	2.3	2.0	2.5	4.7	3.6	4.9
Managers, officials, and proprietors	1.5	1.6	1.5	2.9	2.7	2.9
Clerical workers	4.2	3.8	4.2	11.9	9.7	11.8
Sales workers	3.8	3.7	4.6	4.5	3.9	5.3
Blue-collar workers	5.9	6.2	6.3	42.8	39.7	43.8
Craftsmen and foremen	3.5	3.4	3.9	8.7	7.6	9.4
Operatives	6.7	6.9	7.2	24.0	21.7	24.5
Nonfarm laborers	8.8	9.8	8.4	10.1	10.4	9.8
Service workers	5.8	6.1	6.2	14.8	14.0	15.0
Private household workers	5.2	5.2	5.4	3.3	3.0	3.4
Other service workers	6.0	6.4	6.4	11.5	11.0	11.6
Farm workers	2.3	2.7	1.6	3.2	3.6	2.3
Farmers and farm managers .....	.3	.5	.2	.2	.3	.1
Farm laborers and foremen	4.0	4.5	2.9	3.0	3.3	2.2
No previous work experience	-	-	-	15.2	22.7	14.0

Table A-7: Unemployed persons, by color, marital status, and household relationship

Characteristics	Thousands of persons			Unemployment rate			Percent distribution		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
COLOR									
Total	3,857	4,322	3,932	5.2	5.7	5.3	100.0	100.0	100.0
White, total	2,975	3,382	2,994	4.5	5.1	4.6	77.1	78.3	76.2
Male	1,749	1,984	1,784	3.9	4.4	4.1	45.3	45.9	45.4
Female	1,226	1,399	1,210	5.7	6.4	5.6	31.8	32.4	30.8
Nonwhite, total	881	939	938	10.5	11.2	11.4	22.9	21.7	23.8
Male	475	532	543	9.6	10.6	11.1	12.3	12.3	13.8
Female	407	407	394	12.0	12.0	11.7	10.6	9.4	10.0
MARITAL STATUS									
Total	3,857	4,322	3,932	5.2	5.7	5.3	100.0	100.0	100.0
Male	2,224	2,516	2,327	4.5	5.1	4.8	57.6	58.2	59.2
Married, wife present	986	1,023	1,169	2.7	2.8	3.2	25.6	23.7	29.7
Single	1,015	1,268	947	10.3	12.3	9.8	26.3	29.3	24.1
14 to 19 years	530	769	422	11.5	15.6	9.6	13.7	17.8	10.7
20 years and over	485	498	526	9.2	9.3	9.9	12.6	11.5	13.4
Other marital status	223	224	211	8.7	8.6	8.5	5.8	5.2	5.4
Female	1,633	1,806	1,605	6.5	7.1	6.5	42.4	41.8	40.8
Married, husband present	802	694	782	6.1	5.2	5.9	20.8	16.1	19.9
Single	490	736	479	7.5	10.9	7.3	12.7	17.0	12.2
14 to 19 years	293	532	284	10.5	17.3	9.9	7.6	12.3	7.2
20 years and over	197	204	195	5.3	5.5	5.3	5.1	4.7	5.0
Other marital status	342	376	344	6.4	7.1	6.7	8.9	8.7	8.7
HOUSEHOLD RELATIONSHIP									
Total	3,857	4,322	3,932	5.2	5.7	5.3	100.0	100.0	100.0
Household head	1,395	1,460	(1)	3.1	3.3	(1)	36.1	33.8	(1)
Living with relatives	1,134	1,197	(1)	2.9	3.0	(1)	29.4	27.7	(1)
Not living with relatives	261	263	(1)	5.3	5.4	(1)	6.8	6.1	(1)
Wife of head	769	658	(1)	5.9	5.0	(1)	19.9	15.2	(1)
Other relative of head	1,604	2,110	(1)	10.4	13.1	(1)	41.6	48.8	(1)
Non-relative of head	91	94	(1)	5.9	6.3	(1)	2.4	2.2	(1)

¹ Not available.

Table A-8: Unemployed persons, by duration of unemployment

Duration of unemployment	Thousands of persons			Percent distribution			Category	Thousands of persons			Percent distribution		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962		Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
Total	3,857	4,322	3,932	100.0	100.0	100.0	Total	3,857	4,322	3,932	100.0	100.0	100.0
Less than 5 weeks	1,670	1,907	1,702	43.3	44.1	43.2	Persons on temporary layoff	189	130	183	4.9	3.0	4.7
5 to 14 weeks	1,237	1,481	1,297	32.1	34.3	33.0							
5 and 6 weeks	224	698	309	5.8	16.2	7.9	Persons scheduled to begin new jobs within 30 days	221	164	259	5.7	3.8	6.6
7 to 10 weeks	582	523	631	15.1	12.1	16.0							
11 to 14 weeks	430	260	358	11.2	6.0	9.1	All other unemployed ...	3,447	4,028	3,490	89.4	93.2	88.8
15 weeks and over	949	933	934	24.6	21.6	23.7							
15 to 26 weeks	439	376	341	11.4	8.7	8.7							
27 weeks and over	510	557	593	13.2	12.9	15.1							
Average (mean) duration ..	13.9	12.8	14.5	-	-	-							

Table A-9: Long-term unemployed, by industry and occupation of last job

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	Aug. 1963	Aug. 1962	Aug. 1963	Aug. 1962	Aug. 1963	Aug. 1962	Aug. 1963	Aug. 1962	
INDUSTRY									
Total	24.6	23.8	100.0	100.0	13.2	15.1	100.0	100.0	100.0
Experienced wage and salary workers	26.2	24.4	88.1	85.8	14.2	15.7	88.5	86.7	85.4
Agriculture	19.2	13.0	3.0	1.4	8.9	5.0	2.5	.8	2.9
Nonagricultural industries	26.6	24.8	85.1	84.4	14.4	16.0	85.9	85.8	82.4
Mining, forestry, fisheries	(1)	(1)	.9	2.7	(1)	(1)	1.6	2.7	.9
Construction	20.6	17.4	6.4	5.2	12.5	10.3	7.2	4.9	5.7
Manufacturing	30.3	25.4	32.3	30.7	16.4	16.5	32.5	31.5	26.1
Durable goods	31.0	24.2	19.3	18.6	17.5	16.3	20.2	19.7	14.5
Nondurable goods	29.0	27.4	13.0	12.1	14.9	17.0	12.3	11.8	11.6
Transportation and public utilities	25.1	32.0	5.0	6.2	15.0	21.5	5.5	6.6	6.2
Wholesale and retail trade	25.7	26.2	17.7	19.3	12.7	18.8	16.2	21.8	15.3
Finance, insurance, and real estate, and service industries ..	24.0	20.3	19.4	16.7	13.4	11.7	20.2	15.2	23.2
Public administration	(1)	(1)	3.5	3.6	(1)	(1)	2.7	3.2	5.0
Self-employed and unpaid family workers	(1)	(1)	2.6	2.8	(1)	(1)	2.9	1.3	13.8
No previous work experience	15.0	19.4	9.3	11.4	7.5	12.9	8.6	12.0	.8
OCCUPATION									
Total	24.6	23.8	100.0	100.0	13.2	15.1	100.0	100.0	100.0
White-collar workers	26.5	21.3	25.9	22.4	13.7	13.3	24.9	21.9	41.4
Professional and technical	20.8	12.9	4.0	2.7	9.8	6.2	3.5	2.0	10.7
Managers, officials, and proprietors	38.1	32.2	4.5	4.0	17.7	16.5	3.9	3.2	9.8
Clerical workers	26.6	22.9	12.8	11.3	14.6	15.8	13.1	12.3	14.7
Sales workers	24.7	19.6	4.5	4.4	12.6	12.4	4.3	4.4	6.2
Blue-collar workers	27.4	26.3	47.6	48.5	15.1	17.0	48.7	49.2	37.6
Craftsmen and foremen	29.7	26.4	10.5	10.4	16.6	17.1	11.0	10.6	13.0
Operatives	28.2	24.9	27.5	25.7	13.9	16.8	25.2	27.3	18.6
Nonfarm laborers	23.5	30.0	9.6	12.4	16.5	17.3	12.5	11.3	5.9
Service workers	24.1	25.6	14.4	16.2	13.0	16.3	14.5	16.2	13.2
Private household workers	15.7	24.2	2.1	3.4	7.1	15.2	1.8	3.4	3.3
Other service workers	26.5	26.0	12.3	12.7	14.7	16.6	12.7	12.8	9.9
Farm workers	22.1	(1)	2.8	1.5	13.9	(1)	3.3	.7	7.1
Farmers and farm managers	(1)	-	.6	-	(1)	-	1.0	-	3.2
Farm laborers and foremen	18.3	(1)	2.2	1.5	10.4	(1)	2.3	.7	3.9
No previous work experience	15.0	19.4	9.3	11.4	7.5	12.9	8.6	12.0	.8

¹Percent not shown where base is less than 100,000.

HOUSEHOLD DATA

Table A-10: Long-term unemployed by sex, age, color and marital status

Characteristics	Unemployed 15 weeks and over				Unemployed 27 weeks and over				Civilian labor force (percent distribution)
	Percent of unemployed in each group		Percent distribution		Percent of unemployed in each group		Percent distribution		
	Aug. 1963	Aug. 1962	Aug. 1963	Aug. 1962	Aug. 1963	Aug. 1962	Aug. 1963	Aug. 1962	
AGE									
Total	24.6	23.8	100.0	100.0	13.2	15.1	100.0	100.0	100.0
Male	25.9	26.0	60.6	64.7	15.1	16.8	65.8	66.0	66.3
14 to 19 years	12.4	10.9	7.1	5.1	4.8	7.3	5.1	5.4	6.5
20 to 24 years	19.0	19.5	7.7	8.6	9.4	9.2	7.1	6.4	6.4
25 to 44 years	27.4	26.1	19.7	22.0	16.7	17.6	22.4	23.5	28.3
45 years and over	40.2	39.4	26.1	29.0	25.8	26.5	31.2	30.7	25.1
Female	22.9	20.5	39.4	35.3	10.8	12.5	34.2	34.0	33.7
14 to 19 years	11.3	12.6	4.3	4.5	4.4	6.6	3.1	3.7	4.2
20 to 24 years	18.6	11.4	5.6	3.9	9.8	7.6	5.5	4.1	4.0
25 to 44 years	22.3	24.8	14.1	15.6	8.8	14.4	10.4	14.4	12.8
45 years and over	38.0	29.0	15.4	11.3	20.1	19.2	15.1	11.8	12.7
COLOR									
Total	24.6	23.8	100.0	100.0	13.2	15.1	100.0	100.0	100.0
White, total	23.5	22.7	73.7	72.7	12.3	14.0	72.0	70.8	88.8
Male	24.5	25.4	45.2	48.7	14.2	16.0	48.5	48.2	59.6
Female	22.0	18.5	28.5	24.0	9.8	11.1	23.5	22.6	29.1
Nonwhite, total	28.4	27.2	26.3	27.3	16.2	18.4	28.0	29.2	11.2
Male	30.9	27.8	15.5	16.2	18.3	19.5	17.0	17.9	6.7
Female	25.3	26.4	10.9	11.1	13.8	11.0	11.0	11.3	4.6
MARITAL STATUS									
Total	24.6	23.8	100.0	100.0	13.2	15.1	100.0	100.0	100.0
Male	25.9	26.0	60.6	64.7	15.1	16.8	65.8	66.0	66.3
Married, wife present	26.8	29.4	27.8	36.8	14.7	18.0	28.4	35.4	49.6
Single	20.5	19.1	21.9	19.4	10.8	12.6	21.6	20.2	13.3
14 to 19 years	12.5	10.4	7.0	4.7	4.9	7.3	5.1	5.2	6.2
20 years and over	29.3	25.9	15.0	14.6	17.3	16.9	16.5	15.0	7.0
Other marital status	46.2	37.9	10.9	8.6	35.9	29.4	15.7	10.5	3.5
Female	22.9	20.5	39.4	35.3	10.8	12.5	34.2	34.0	33.7
Married, husband present	22.3	19.3	18.9	16.2	10.7	11.5	16.9	15.2	17.8
Single	17.8	17.3	9.2	8.9	7.1	11.7	6.9	9.4	8.8
14 to 19 years	11.9	13.4	3.7	4.1	3.4	7.7	2.0	3.7	3.8
20 years and over	26.4	23.1	5.5	4.8	12.7	17.4	4.9	5.7	5.0
Other marital status	31.6	27.6	11.4	10.2	15.8	16.0	10.6	9.3	7.1

Table A-11: Unemployed persons looking for full- or part-time work, by age, sex, and occupation of last job

Age and sex	Percent distribution		Looking for part-time work as a percent of unemployed in each group		Occupation	Percent distribution		Looking for part-time work as a percent of unemployed in each group	
	Looking for full-time work	Looking for part-time work				Looking for full-time work	Looking for part-time work		
	Aug. 1963	Aug. 1963	Aug. 1963	July 1963		Aug. 1963	Aug. 1963	Aug. 1963	July 1963
Total	100.0	100.0	14.9	14.7	Total	100.0	100.0	14.9	14.7
Male	59.0	50.2	12.9	12.2	White-collar workers	24.0	24.8	15.3	13.8
14 to 19 years	10.6	33.7	35.9	29.3	Professional and technical	4.8	4.2	13.1	7.0
Major activity:					Managers, officials, and proprietors	3.1	1.9	9.6	3.4
Going to school	.2	1.0	(1)	(1)	Clerical workers	11.7	12.9	16.1	16.0
All other	10.4	32.6	35.6	27.3	Sales workers	4.3	5.8	19.1	22.0
20 to 24 years	10.9	4.5	6.8	4.0	Blue-collar workers	46.7	20.8	7.2	5.7
25 to 54 years	29.3	4.2	2.4	2.9	Craftsmen and foremen	9.8	3.0	5.0	4.0
55 years and over	8.2	7.8	14.3	9.1	Operatives	26.1	12.2	7.6	6.5
Female	41.0	49.8	17.6	18.2	Nonfarm laborers	10.8	5.6	8.3	5.3
14 to 19 years	8.0	17.0	27.1	26.0	Service workers	14.8	14.3	14.4	13.4
Major activity:					Private household workers	2.7	6.6	29.9	25.4
Going to school	.3	1.0	(1)	(1)	Other service workers	12.1	7.7	10.0	10.1
All other	7.7	16.0	26.6	22.8	Farm workers	3.0	4.2	19.7	18.5
20 to 24 years	7.5	6.4	13.0	9.4	Farmers and farm managers	.2	-	-	(1)
25 to 54 years	21.9	22.4	15.2	15.1	Farm laborers and foremen	2.7	4.2	21.1	18.1
55 years and over	3.5	4.0	16.8	19.1	No previous work experience	11.6	35.8	35.0	31.6

^aPercent not shown where base is less than 100,000.

Table A-12: Total labor force, by age and sex

Age and sex	Thousands of persons			Labor force participation rate		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
	Total	77,167	77,917	76,554	58.3	58.9	58.7
Male	52,060	52,477	51,657	81.0	81.7	81.5
14 to 19 years	5,291	5,593	5,097	55.4	58.7	55.1
14 and 15 years	1,106	1,216	1,176	31.5	34.6	32.3
16 and 17 years	1,795	1,973	1,523	54.8	60.8	54.7
18 and 19 years	2,390	2,403	2,398	86.3	86.7	84.9
20 to 24 years	5,800	5,833	5,553	92.9	93.7	93.8
25 to 34 years	10,631	10,669	10,748	97.4	97.7	97.9
35 to 44 years	11,571	11,570	11,618	97.4	97.3	98.0
45 to 54 years	9,944	9,927	9,819	95.8	95.8	95.8
55 to 64 years	6,623	6,655	6,559	85.3	85.9	85.9
55 to 59 years	3,866	3,872	3,821	91.1	91.5	91.3
60 to 64 years	2,757	2,783	2,738	78.3	79.2	79.3
65 years and over	2,199	2,230	2,264	29.2	29.6	30.2
Female	25,108	25,440	24,897	36.9	37.4	37.2
14 to 19 years	3,155	3,427	3,249	33.7	36.8	36.0
14 and 15 years	504	592	583	14.8	17.3	16.5
16 and 17 years	1,066	1,220	917	33.3	38.5	33.7
18 and 19 years	1,586	1,615	1,749	58.0	59.1	63.0
20 to 24 years	3,005	3,019	2,916	47.8	48.2	48.9
25 to 34 years	4,056	4,076	4,089	36.1	36.3	36.2
35 to 44 years	5,457	5,494	5,350	43.7	44.0	43.0
45 to 54 years	5,312	5,269	5,268	48.7	48.4	49.1
55 to 64 years	3,221	3,259	3,151	38.3	38.8	38.2
55 to 59 years	1,983	1,999	1,937	43.9	44.3	43.6
60 to 64 years	1,238	1,260	1,214	31.7	32.4	31.8
65 years and over	901	894	874	9.6	9.5	9.4

Table A-13: Employed persons, by age and sex

Age and sex	(In thousands)					
	Male			Female		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
All industries	47,118	47,249	46,503	23,443	23,602	23,260
14 to 19 years	4,272	4,309	4,158	2,787	2,815	2,907
20 to 24 years	4,405	4,450	4,141	2,709	2,722	2,589
25 to 34 years	9,504	9,556	9,503	3,733	3,788	3,815
35 to 44 years	10,877	10,830	10,842	5,166	5,229	5,023
45 to 54 years	9,559	9,539	9,397	5,063	5,036	5,072
55 to 64 years	6,397	6,403	6,290	3,105	3,141	3,028
65 years and over	2,105	2,160	2,173	880	871	827
Nonagricultural industries	42,733	42,538	41,899	22,332	22,344	22,094
14 to 19 years	3,355	3,262	3,215	2,555	2,572	2,664
20 to 24 years	4,124	4,130	3,826	2,633	2,630	2,520
25 to 34 years	9,006	9,025	8,950	3,571	3,611	3,637
35 to 44 years	10,129	10,057	10,114	4,966	4,986	4,786
45 to 54 years	8,798	8,746	8,553	4,859	4,792	4,848
55 to 64 years	5,711	5,679	5,582	2,932	2,955	2,866
65 years and over	1,609	1,639	1,659	816	799	774
Agriculture	4,385	4,711	4,604	1,111	1,258	1,166
14 to 19 years	916	1,047	943	232	243	243
20 to 24 years	280	321	315	76	93	69
25 to 34 years	497	531	553	162	178	178
35 to 44 years	748	773	728	200	243	237
45 to 54 years	760	793	844	203	244	224
55 to 64 years	686	724	708	171	186	162
65 years and over	496	522	514	65	72	53

Table A-14: Employed persons, by class of worker and occupation

Characteristics	(In thousands)								
	Total			Male			Female		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
CLASS OF WORKER									
Total	70,561	70,851	69,762	47,118	47,249	46,503	23,443	23,602	23,260
Nonagricultural industries	65,065	64,882	63,993	42,733	42,538	41,899	22,332	22,344	22,094
Wage and salary workers	58,312	58,072	57,137	37,806	37,610	36,921	20,506	20,462	20,216
Private household workers	2,746	2,773	2,712	467	469	481	2,279	2,304	2,230
Government workers	8,630	8,604	8,383	5,425	5,445	5,256	3,205	3,159	3,127
Other wage and salary workers	46,936	46,695	46,042	31,914	31,696	31,184	15,022	14,999	14,859
Self-employed workers	6,134	6,127	6,226	4,801	4,782	4,845	1,333	1,345	1,381
Unpaid family workers	619	683	629	125	146	132	493	537	497
Agriculture	5,496	5,969	5,770	4,385	4,711	4,604	1,111	1,258	1,166
Wage and salary workers	2,031	2,185	1,984	1,616	1,729	1,625	416	456	359
Self-employed workers	2,434	2,587	2,568	2,315	2,446	2,437	118	140	131
Unpaid family workers	1,031	1,197	1,218	454	535	542	577	662	676
OCCUPATION									
Total	70,561	70,851	69,762	47,118	47,249	46,503	23,443	23,602	23,260
White-collar workers	29,854	29,809	29,875	17,277	17,176	17,300	12,578	12,632	12,571
Professional and technical	7,749	7,695	7,581	5,197	5,143	5,079	2,553	2,551	2,500
Managers, officials, and proprietors	7,211	7,206	7,420	6,069	6,100	6,282	1,142	1,106	1,138
Clerical workers	10,446	10,564	10,530	3,245	3,272	3,285	7,201	7,292	7,244
Sales workers	4,448	4,344	4,344	2,766	2,661	2,654	1,682	1,683	1,689
Blue-collar workers	26,322	26,079	25,593	22,460	22,313	21,745	3,863	3,767	3,848
Craftsmen and foremen	9,371	9,283	9,007	9,117	9,050	8,783	255	234	224
Operatives	12,948	12,668	12,374	9,423	9,211	8,847	3,525	3,458	3,527
Nonfarm laborers	4,003	4,128	4,212	3,920	4,052	4,115	83	75	97
Service workers	9,228	9,342	8,937	3,281	3,338	3,197	5,946	6,005	5,740
Private household workers	2,338	2,364	2,297	58	59	65	2,280	2,305	2,232
Other service workers	6,890	6,978	6,640	3,223	3,279	3,132	3,666	3,700	3,508
Farm workers	5,156	5,623	5,358	4,101	4,423	4,260	1,055	1,200	1,099
Farmers and farm managers	2,385	2,541	2,504	2,266	2,399	2,379	119	142	126
Farm laborers and foremen	2,771	3,082	2,854	1,835	2,024	1,881	936	1,058	973

Table A-15: Employed persons, by hours worked

Hours worked	(In thousands)								
	All industries			Nonagricultural industries			Agriculture		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
Total	70,561	70,851	69,762	65,065	64,882	63,993	5,496	5,969	5,770
With a job but not at work	7,338	7,916	6,839	7,142	7,780	6,657	196	137	182
At work	63,223	62,935	62,923	57,923	57,103	57,335	5,300	5,832	5,588
1-34 hours	11,843	11,590	11,759	10,245	9,888	10,071	1,599	1,703	1,689
1-4 hours	854	851	860	770	777	791	84	76	69
5-14 hours	2,850	2,946	2,765	2,491	2,555	2,432	360	389	334
15-34 hours	8,139	7,792	8,133	6,985	6,556	6,849	1,155	1,237	1,285
35 hours or more	51,381	51,346	51,164	47,678	47,214	47,264	3,702	4,130	3,900
35-40 hours	29,798	29,378	29,598	29,020	28,467	28,812	777	911	786
41 hours and over	21,583	21,968	21,566	18,658	18,747	18,452	2,925	3,219	3,114
Average hours, total at work	41.1	41.3	41.3	40.6	40.7	40.7	46.7	47.2	47.4

Table A-16: Employed persons, by full- or part-time status

Full- or part-time status	(In thousands)					
	All industries			Nonagricultural industries		
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962
Total	70,561	70,851	69,762	65,065	64,882	63,993
With a job but not at work	7,338	7,916	6,839	7,142	7,780	6,657
At work	63,223	62,935	62,923	57,923	57,103	57,335
On full-time schedules	53,672	53,394	53,519	49,775	49,042	49,395
35 hours or more	51,381	51,346	51,164	47,678	47,214	47,264
1-34 hours for noneconomic reasons	2,291	2,048	2,355	2,097	1,828	2,131
Bad weather	201	211	133	148	137	93
Industrial dispute	23	24	32	23	24	32
Vacation	635	543	743	602	526	698
Illness	565	479	618	546	442	573
Holiday	84	35	107	84	35	107
All other reasons	783	756	722	694	664	628
On part time for economic reasons	3,255	2,908	3,097	2,791	2,483	2,625
Usually work full time	1,393	1,062	1,274	1,183	924	1,088
Average hours	23.5	23.0	23.8	23.8	23.1	23.8
Usually work part time	1,862	1,846	1,823	1,608	1,559	1,537
Average hours	17.0	16.7	16.9	16.9	16.5	16.6
On part time for noneconomic reasons; usually work part time	6,298	6,633	6,307	5,357	5,577	5,314

Table A-17: Employed persons with a job, but not at work, by reason not working and pay status

Reason not working	(In thousands)											
	All industries			Nonagricultural industries								
				Total			Wage and salary workers					
	Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962	Number			Percent paid		
						Aug. 1963	July 1963	Aug. 1962	Aug. 1963	July 1963	Aug. 1962	
Total	7,338	7,916	6,839	7,142	7,780	6,657	6,632	7,263	6,177	64.6	68.1	67.8
Bad weather	14	24	3	9	15	4	3	7	4	(1)	-	-
Industrial dispute	50	57	12	50	57	12	50	57	12	-	-	-
Vacation	5,460	5,897	5,132	5,399	5,852	5,055	5,121	5,618	4,796	75.0	78.7	76.4
Illness	824	877	843	772	826	790	686	716	690	30.6	38.1	41.7
All other reasons	991	1,060	849	913	1,029	796	774	865	675	29.8	29.1	35.4

¹ Percent not shown where base is less than 100,000.

Table A-18: Employment status of the noninstitutional population, by age and sex

Age, sex, and color	August 1963 (In thousands)												
	Total labor force		Civilian labor force						Not in labor force				
	Number	Percent of population	Total	Employed			Unemployed		Total	Keeping house	In school	Unable to work	Other
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force					
Male	52,060	81.0	49,342	47,118	4,385	42,733	2,224	4.5	12,199	159	487	1,185	10,369
14 and 15 years	1,106	31.5	1,106	1,040	379	661	67	6.0	2,408	17	95	4	2,292
16 and 17 years	1,795	54.8	1,749	1,513	350	1,164	236	13.5	1,480	9	113	-	1,357
18 and 19 years	2,390	86.3	1,956	1,719	188	1,530	238	12.2	378	3	90	-	286
20 to 24 years	5,800	92.9	4,789	4,405	280	4,124	384	8.0	441	9	132	41	260
25 to 29 years	5,205	96.8	4,780	4,558	242	4,316	222	4.6	170	-	32	41	98
30 to 34 years	5,426	98.0	5,097	4,946	255	4,690	151	3.0	111	-	14	47	51
35 to 39 years	5,836	97.8	5,616	5,463	380	5,083	153	2.7	131	4	7	42	77
40 to 44 years	5,735	97.0	5,571	5,414	368	5,046	157	2.8	181	3	-	61	118
45 to 49 years	5,236	96.4	5,170	5,017	395	4,621	154	3.0	193	4	2	80	107
50 to 54 years	4,708	95.1	4,689	4,542	365	4,177	147	3.1	241	9	-	98	135
55 to 59 years	3,866	91.1	3,862	3,723	373	3,350	139	3.6	376	8	2	121	245
60 to 64 years	2,757	78.3	2,756	2,674	313	2,361	82	3.0	765	16	-	137	612
65 to 69 years	1,169	41.6	1,169	1,106	227	879	64	5.4	1,637	18	-	145	1,474
70 years and over	1,030	21.8	1,030	999	269	730	31	3.0	3,686	61	-	368	3,257
White	46,889	81.3	44,385	42,636	3,816	38,820	1,749	3.9	10,819	147	402	980	9,290
Nonwhite	5,170	78.9	4,957	4,482	570	3,913	475	9.6	1,380	12	85	205	1,078
Female	25,108	36.9	25,076	23,443	1,111	22,332	1,633	6.5	42,979	36,003	439	759	5,778
14 and 15 years	584	14.8	504	468	100	368	35	7.0	2,911	297	76	4	2,534
16 and 17 years	1,066	33.3	1,066	946	67	880	119	11.2	2,138	383	128	12	1,614
18 and 19 years	1,586	58.0	1,580	1,372	65	1,397	208	13.1	1,148	672	100	5	372
20 to 24 years	3,005	47.8	2,994	2,709	76	2,633	285	9.5	3,277	2,939	93	35	211
25 to 29 years	2,021	36.7	2,017	1,847	67	1,780	170	8.4	3,486	3,398	9	18	61
30 to 34 years	2,035	35.6	2,032	1,886	95	1,791	146	7.2	3,688	3,573	9	18	88
35 to 39 years	2,600	41.6	2,598	2,458	95	2,363	140	5.4	3,647	3,544	4	25	74
40 to 44 years	2,857	45.8	2,855	2,708	105	2,603	146	5.1	3,382	3,266	11	20	85
45 to 49 years	2,732	48.0	2,731	2,602	102	2,499	129	4.7	2,964	2,871	3	18	72
50 to 54 years	2,580	49.6	2,579	2,461	101	2,360	118	4.6	2,621	2,529	6	24	61
55 to 59 years	1,983	43.9	1,983	1,918	105	1,812	65	3.3	2,536	2,440	1	36	59
60 to 64 years	1,238	31.7	1,238	1,187	66	1,120	51	4.1	2,663	2,518	-	63	81
65 to 69 years	544	16.4	544	533	36	498	10	1.9	2,780	2,628	-	37	116
70 years and over	357	5.9	357	347	29	318	10	2.7	5,738	4,945	-	443	350
White	21,706	35.7	21,676	20,449	810	19,639	1,226	5.7	39,089	32,971	371	643	5,105
Nonwhite	3,402	46.7	3,400	2,994	300	2,694	407	12.0	3,890	3,032	69	116	674

Table A-19: Nonagricultural wage and salary workers, by full- or part-time status, hours of work, and industry

Industry	August 1963 (Percent distribution)									
	Total at work	On full-time schedules	Full- or part-time status			Hours of work				
			Total at work	On part time		Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over
				Economic reasons						
Usually work full time	Usually work part time	Usually work part time								
Total ¹	100.0	86.4	2.0	2.9	8.7	100.0	17.1	53.6	14.8	14.6
Construction	100.0	88.8	4.7	3.1	3.5	100.0	16.7	52.3	15.8	15.3
Manufacturing	100.0	94.0	2.6	.9	2.6	100.0	9.8	62.7	15.7	11.9
Durable goods	100.0	96.5	2.1	.5	1.0	100.0	7.3	65.3	15.8	11.7
Nondurable goods	100.0	90.9	3.2	1.3	4.5	100.0	12.7	59.6	15.5	12.1
Transportation and public utilities	100.0	94.7	1.6	.9	2.8	100.0	8.5	61.6	14.2	15.7
Wholesale and retail trade	100.0	81.6	1.3	4.0	13.2	100.0	20.5	39.8	19.6	20.2
Finance, insurance, and real estate	100.0	91.0	.9	.7	7.4	100.0	13.0	63.1	9.3	14.6
Service industries	100.0	71.4	1.7	6.9	20.0	100.0	32.2	42.9	11.8	13.1

¹Includes forestry and fisheries, mining and public administration, not shown separately.

Table A-20: Persons at work in nonfarm occupations by full- or part-time status, hours of work, and occupation

August 1963

(Percent distribution)

Occupation	Full or part-time status						Hours of work					Average hours, total at work
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 to 48 hours	49 hours and over	
				Economic reasons		Other reasons						
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time	Thousands	Percent	Thousands	Percent	Thousands	Percent	
White-collar workers	25,630	100.0	88.8	0.8	1.2	9.1	100.0	14.6	51.7	13.4	20.2	41.8
Professional and technical	5,672	100.0	91.8	.6	.7	7.0	100.0	13.2	54.4	12.6	19.9	42.4
Managers, officials, and proprietors	6,534	100.0	95.0	.9	.4	3.8	100.0	8.1	32.3	18.1	41.6	48.9
Clerical workers	9,396	100.0	88.5	.9	1.2	9.4	100.0	14.8	69.8	10.1	5.3	38.2
Sales workers	4,028	100.0	75.6	.9	3.4	20.1	100.0	27.5	37.0	14.7	20.8	38.1
Blue-collar workers	24,167	100.0	89.3	3.4	2.6	4.6	100.0	14.6	53.0	16.7	15.6	40.9
Craftsmen and foremen	8,517	100.0	93.8	2.5	1.4	2.3	100.0	10.2	53.8	18.5	17.5	42.3
Operatives	11,904	100.0	91.2	3.7	1.5	3.5	100.0	12.6	55.0	16.5	15.8	41.7
Nonfarm laborers	3,746	100.0	73.1	4.6	9.1	13.3	100.0	31.3	44.8	13.4	10.6	35.2
Service workers	8,451	100.0	67.1	1.8	8.0	23.1	100.0	35.7	36.2	13.5	14.6	35.7
Private household workers	2,204	100.0	36.8	1.8	15.7	45.9	100.0	65.6	18.7	7.2	8.7	24.9
Other service workers	6,247	100.0	77.8	1.9	5.3	15.0	100.0	25.2	42.4	15.7	16.7	39.5

Table A-21: Occupation group of employed persons, by sex and color

August 1963

Occupation	Thousands			Percent distribution								
	Total	Male	Female	Total	Male	Female	White			Nonwhite		
							Total	Male	Female	Total	Male	Female
Total	70,561	47,118	23,443	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	29,854	17,277	12,578	42.3	36.7	53.7	45.3	38.9	58.6	17.3	15.6	19.8
Professional and technical	7,749	5,197	2,553	11.0	11.0	10.9	11.6	11.7	11.4	5.7	4.8	7.2
Medical and other health	1,306	580	727	1.9	1.2	3.1	2.0	1.3	3.4	.9	.7	1.4
Teachers, except college	1,417	389	1,028	2.0	.8	4.4	2.0	.8	4.4	2.1	.9	4.0
Other professional and technical	5,026	4,228	799	7.1	9.0	3.4	7.7	9.6	3.6	2.6	3.2	1.9
Managers, officials, and proprietors	7,211	6,069	1,142	10.2	12.9	4.9	11.1	13.9	5.3	2.5	3.2	1.6
Salaried workers	4,197	3,537	660	5.9	7.5	2.8	6.5	8.1	3.1	1.2	1.5	.6
Self-employed workers in retail trade	1,374	1,055	319	1.9	2.2	1.4	2.1	2.4	1.4	.9	.9	.8
Self-employed workers, except retail trade	1,640	1,477	163	2.3	3.1	.7	2.5	3.4	.8	.5	.8	.2
Clerical workers	10,446	3,245	7,201	14.8	6.9	30.7	15.7	7.0	33.8	7.1	5.5	9.5
Stenographers, typists, and secretaries	2,656	67	2,589	3.8	.1	11.0	4.1	.2	12.2	1.2	-	2.9
Other clerical workers	7,790	3,178	4,612	11.0	6.7	19.7	11.6	6.9	21.6	5.9	5.5	6.6
Sales workers	4,448	2,766	1,682	6.3	5.9	7.2	6.8	6.3	8.0	1.9	2.1	1.5
Retail trade	2,609	1,091	1,518	3.7	2.3	6.5	4.0	2.5	7.3	1.0	.9	1.1
Other sales workers	1,839	1,675	164	2.6	3.6	.7	2.8	3.8	.7	.9	1.2	.4
Blue-collar workers	26,322	22,460	3,863	37.3	47.7	16.5	37.0	46.7	16.8	39.9	56.9	14.4
Craftsmen, foremen	9,371	9,117	255	13.3	19.3	1.1	14.0	20.2	1.1	7.0	11.1	.9
Carpenters	942	941	2	1.3	2.0	-	1.4	2.1	-	.8	1.4	-
Construction craftsmen, except carpenters	1,951	1,938	13	2.8	4.1	.1	2.9	4.2	-	1.8	3.0	.1
Mechanics and repairmen	2,224	2,206	19	3.2	4.7	.1	3.3	4.8	.1	2.0	3.4	-
Metal craftsmen, except mechanics	1,120	1,108	12	1.6	2.4	.1	1.7	2.5	-	.5	.8	.1
Other craftsmen and kindred workers	1,856	1,735	120	2.6	3.7	.5	2.8	3.9	.5	1.3	1.9	.5
Foremen, not elsewhere classified	1,278	1,189	89	1.8	2.5	.4	2.0	2.7	.4	.5	.6	.2
Operatives	12,948	9,423	3,525	18.4	20.0	15.0	18.2	19.6	15.3	19.7	24.2	13.0
Drivers and deliverymen	2,472	2,442	30	3.5	5.2	.1	3.4	5.0	.1	4.3	7.1	.1
Other operatives	10,476	6,981	3,495	14.8	14.8	14.9	14.8	14.6	15.2	15.4	17.1	12.9
Durable goods manufacturing	3,950	3,038	912	5.6	6.4	3.9	5.7	6.4	4.1	5.1	6.9	2.4
Nondurable goods manufacturing	3,747	1,766	1,981	5.3	3.7	8.5	5.3	3.6	8.9	5.1	4.8	5.5
Other industries	2,779	2,177	602	3.9	4.6	2.6	3.8	4.5	2.2	5.2	5.4	4.9
Nonfarm laborers	4,003	3,920	83	5.7	8.3	.4	4.8	6.9	.3	13.2	21.7	.5
Construction	923	917	6	1.3	1.9	-	1.1	1.6	-	3.1	5.2	-
Manufacturing	996	955	41	1.4	2.0	.2	1.1	1.6	.2	3.6	6.0	.2
Other industries	2,084	2,048	36	3.0	4.3	.2	2.5	3.7	.1	6.4	10.5	.3
Service workers	9,228	3,281	5,946	13.1	7.0	25.4	10.8	6.0	20.9	32.0	16.0	55.9
Private household workers	2,338	58	2,280	3.3	.1	9.7	2.0	.1	6.1	14.2	.6	34.6
Service workers, except private household	6,890	3,223	3,666	9.8	6.8	15.6	8.8	5.9	14.8	17.8	15.4	21.3
Protective service workers	880	836	44	1.2	1.8	.2	1.3	1.9	.2	.5	.9	-
Waiters, cooks, and bartenders	1,914	526	1,387	2.7	1.1	5.9	2.6	.9	6.2	3.5	3.0	4.1
Other service workers	4,096	1,861	2,235	5.8	3.9	9.5	4.9	3.2	8.4	13.8	11.5	17.2
Farm workers	5,156	4,101	1,055	7.3	8.7	4.5	6.9	8.4	3.7	10.9	11.5	10.0
Farmers and farm managers	2,385	2,266	119	3.4	4.8	.5	3.5	5.0	.5	2.2	3.3	.6
Farm laborers and foremen	2,771	1,835	936	3.9	3.9	4.0	3.4	3.4	3.2	8.7	8.3	9.4
Paid workers	1,751	1,383	368	2.5	2.9	1.6	1.9	2.5	.8	7.1	7.2	7.0
Unpaid family workers	1,020	452	568	1.4	1.0	2.4	1.4	1.0	2.4	1.6	1.0	2.4

Table A-22: Persons at work in nonagricultural industries, by full-time and part-time status, hours of work, and selected characteristics

August 1963

(Percent distribution)

Characteristics	Full or part-time status						Hours of work				
	Total at work		On full-time schedules	On part time			Total at work	1 to 34 hours	35 to 40 hours	41 hours and over	Average hours, total at work
				Economic reasons		Other reasons					
	Thousands	Percent	Usually work full time	Usually work part time	Usually work part time						
AGE AND SEX											
Total	57,923	100.0	85.9	2.0	2.8	9.2	100.0	17.7	50.1	32.4	40.6
Male	38,792	100.0	91.3	1.9	2.1	4.8	100.0	12.4	48.2	39.5	43.0
14 to 17 years	1,734	100.0	36.7	2.2	15.5	45.6	100.0	65.2	20.6	14.2	24.3
18 and 19 years	1,478	100.0	82.2	3.1	6.4	8.3	100.0	21.0	50.5	28.5	39.3
20 to 24 years	3,871	100.0	91.8	2.7	2.1	3.3	100.0	12.2	50.3	37.4	42.6
25 to 34 years	8,174	100.0	96.6	1.6	.7	1.2	100.0	7.1	49.1	43.9	45.2
35 to 44 years	9,133	100.0	96.9	1.5	.9	.7	100.0	6.7	48.7	44.6	45.2
45 to 64 years	12,968	100.0	94.7	1.9	1.5	1.9	100.0	8.9	51.1	40.0	44.0
65 years and over	1,433	100.0	66.4	1.3	3.8	28.5	100.0	37.7	38.4	23.9	34.5
Female	19,131	100.0	77.2	2.4	4.1	18.3	100.0	28.5	54.0	17.5	35.7
14 to 17 years	1,223	100.0	34.7	1.1	12.8	51.4	100.0	66.8	23.7	9.5	22.9
18 and 19 years	1,228	100.0	81.1	3.7	5.0	10.4	100.0	23.1	62.7	14.4	36.6
20 to 24 years	2,347	100.0	85.5	2.2	3.5	8.8	100.0	17.4	69.3	13.3	37.4
25 to 34 years	2,963	100.0	79.3	2.9	3.4	14.4	100.0	24.8	58.4	16.8	36.4
35 to 44 years	4,163	100.0	77.4	2.3	3.0	17.1	100.0	26.6	55.1	18.1	36.3
45 to 64 years	6,516	100.0	77.0	2.5	3.4	17.1	100.0	26.8	52.4	20.8	37.1
65 years and over	691	100.0	52.9	1.1	4.9	41.1	100.0	51.5	29.7	18.8	31.0
MARITAL STATUS AND SEX											
Male: Single	7,047	100.0	75.5	2.5	6.4	15.6	100.0	27.8	46.4	25.8	36.7
Married, wife present	29,774	100.0	95.1	1.7	1.0	2.1	100.0	8.4	48.6	42.9	44.6
Other	1,971	100.0	88.2	1.6	3.4	6.9	100.0	16.1	47.5	36.5	41.8
Female: Single	5,107	100.0	74.8	1.8	5.7	17.8	100.0	28.3	58.0	13.8	34.4
Married, husband present	9,812	100.0	73.8	2.8	2.9	20.4	100.0	29.7	52.9	17.3	35.6
Other	4,212	100.0	78.8	2.4	4.9	14.0	100.0	26.2	51.6	22.3	37.3
COLOR AND SEX											
White	51,960	100.0	86.9	1.8	2.2	9.1	100.0	16.7	50.2	33.1	41.0
Male	35,163	100.0	91.7	1.6	1.7	4.9	100.0	11.8	47.6	40.5	43.3
Female	16,797	100.0	76.8	2.3	3.1	17.8	100.0	26.9	55.5	17.6	36.1
Nonwhite	5,963	100.0	77.2	3.8	8.1	10.8	100.0	26.2	49.3	24.4	37.2
Male	3,629	100.0	86.0	4.1	5.9	3.9	100.0	17.2	53.3	29.4	40.2
Female	2,334	100.0	63.7	3.3	11.4	21.5	100.0	40.1	43.1	16.7	32.7

Table A-23: Persons at work, by hours of work, and class of worker

August 1963

(Percent distribution)

Hours of work	Total	Agriculture				Nonagricultural industries						
		Total	Wage and salary workers	Self-employed workers	Unpaid family workers	Total	Wage and salary workers			Self-employed workers	Unpaid family workers	
							Total	Private households	Government			Other
Total at work .. thousands	63,223	5,300	1,961	2,308	1,031	57,923	51,681	2,604	6,474	42,603	5,624	618
Percent	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1 to 34 hours	18.8	30.2	39.7	19.2	36.8	17.7	17.1	67.6	11.3	14.9	20.6	37.7
1 to 14 hours	5.9	8.4	14.3	7.1	-	5.6	5.3	40.8	2.4	3.6	9.1	-
15 to 21 hours	4.8	10.2	10.4	5.3	21.0	4.3	4.0	13.2	2.8	3.6	5.0	19.8
22 to 29 hours	3.9	6.3	7.7	3.2	10.5	3.7	3.7	9.0	2.3	3.6	3.0	9.7
30 to 34 hours	4.2	5.3	7.3	3.6	5.3	4.1	4.1	4.6	3.8	4.1	3.5	8.2
35 to 40 hours	47.1	14.6	16.3	12.5	16.4	50.1	53.6	17.5	66.5	53.9	20.5	28.0
35 to 39 hours	6.3	5.5	4.2	4.3	10.8	6.4	6.7	5.0	4.7	7.1	3.9	8.0
40 hours	40.8	9.1	12.1	8.2	5.6	43.7	46.9	12.5	61.8	46.8	16.6	20.0
41 hours and over	34.2	55.2	44.1	68.4	46.9	32.4	29.4	14.7	22.4	31.4	59.0	34.2
41 to 47 hours	7.7	4.4	6.2	2.2	5.9	8.0	8.0	3.9	6.4	8.5	8.0	5.4
48 hours	6.7	4.6	5.1	4.8	3.2	6.9	6.8	2.7	4.1	7.5	7.6	4.1
49 hours and over	19.8	46.2	32.8	61.4	37.8	17.5	14.6	8.1	11.9	15.4	43.4	24.7
49 to 54 hours	6.4	8.0	8.1	7.9	8.2	6.3	5.8	2.9	4.2	6.2	10.8	6.5
55 to 59 hours	2.8	3.2	3.9	2.5	3.7	2.8	2.6	1.4	1.9	2.8	4.7	2.0
60 to 69 hours	5.6	15.1	11.9	19.4	11.4	4.7	3.7	1.7	3.0	3.9	14.0	5.6
70 hours and over	5.0	19.9	8.9	31.6	14.5	3.7	2.5	2.1	2.8	2.5	13.9	10.6
Average hours, total at work	41.1	46.7	39.6	54.3	42.9	40.6	39.9	23.6	41.0	40.8	46.5	40.2

HOUSEHOLD DATA SEASONALLY ADJUSTED

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Table A-24: Summary employment and unemployment estimates, seasonally adjusted

(In thousands)

Employment status	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963	Dec. 1962	Nov. 1962	Oct. 1962	Sept. 1962	Aug. 1962
Total labor force	75,664	76,013	75,456	75,726	75,738	75,430	75,225	75,064	74,848	74,577	74,651	74,989	75,056
Civilian labor force	72,915	73,269	72,720	72,989	73,002	72,698	72,501	72,348	72,084	71,827	71,915	72,254	72,197
Employed	68,917	69,161	68,602	68,676	68,874	68,636	68,086	68,171	68,091	67,691	68,076	68,188	68,104
Agriculture	4,838	5,024	4,909	5,033	5,023	5,008	4,841	5,183	4,843	4,983	5,040	5,114	5,087
Nonagricultural industries	64,079	64,137	63,693	63,643	63,851	63,628	63,245	62,988	63,248	62,708	63,036	63,074	63,017
Unemployed	3,998	4,108	4,118	4,313	4,128	4,062	4,415	4,177	3,993	4,136	3,839	4,066	4,093

Table A-25: Seasonally adjusted rates of unemployment

Selected unemployment rates	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963	Dec. 1962	Nov. 1962	Oct. 1962	Sept. 1962	Aug. 1962
Total (all civilian workers)	5.5	5.6	5.7	5.9	5.7	5.6	6.1	5.8	5.5	5.8	5.3	5.6	5.7
Men, 20 years and over	4.1	4.3	4.4	4.4	4.5	4.6	5.1	4.8	4.7	4.5	4.3	4.6	4.7
Women, 20 years and over	5.7	5.3	5.4	5.4	5.2	5.1	5.5	5.4	5.2	5.6	5.3	5.8	5.8
Both sexes, 14 to 19 years	14.1	16.2	16.0	17.8	15.6	14.9	15.6	13.9	12.9	15.6	12.8	12.6	12.4
Married men (wife present)	3.0	3.2	3.1	3.4	3.3	3.5	4.1	3.8	3.5	3.4	3.4	3.4	3.5
Experienced wage and salary workers	5.4	5.4	5.6	5.5	5.4	5.5	6.0	5.7	5.5	5.6	5.2	5.6	5.7
Labor force time lost through unemployment and part-time work ¹	6.7	6.8	7.0	6.9	6.6	6.6	7.1	6.8	6.6	6.9	6.6	6.8	6.7

¹Man-hours lost by the unemployed and those on part time for economic reasons as a percent of total man-hours potentially available to the civilian labor force.

Table A-26: Unemployed persons, by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963	Dec. 1962	Nov. 1962	Oct. 1962	Sept. 1962	Aug. 1962
Less than 5 weeks	1,796	1,843	1,905	2,074	1,842	1,741	1,948	1,770	1,677	1,978	1,690	1,781	1,830
5 to 14 weeks	1,152	1,345	1,277	1,150	1,246	1,207	1,278	1,213	1,174	1,088	1,162	1,195	1,208
15 weeks and over:													
Number	1,085	1,009	1,071	1,142	1,061	1,074	1,151	1,163	1,129	1,043	1,018	1,108	1,067
Percent of civilian labor force	1.5	1.4	1.5	1.6	1.5	1.5	1.6	1.6	1.6	1.5	1.4	1.5	1.5

Table A-27: Employment status, by age and sex, seasonally adjusted

(In thousands)

Employment status, age and sex	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963	Dec. 1962	Nov. 1962	Oct. 1962	Sept. 1962	Aug. 1962
Civilian labor force	72,915	73,269	72,720	72,989	73,002	72,698	72,501	72,348	72,084	71,827	71,915	72,254	72,197
Men, 20 years and over	44,230	44,435	44,256	44,034	44,175	44,232	44,140	44,062	43,917	43,840	43,932	43,954	43,951
Women, 20 years and over	22,340	22,440	22,327	22,432	22,518	22,406	22,280	22,192	22,016	21,994	21,954	22,169	22,022
Both sexes, 14 to 19 years	6,345	6,394	6,137	6,523	6,309	6,060	6,081	6,094	6,151	5,993	6,029	6,131	6,224
Employed, all industries	68,917	69,161	68,602	68,676	68,874	68,636	68,086	68,171	68,091	67,691	68,076	68,188	68,104
Men, 20 years and over	42,395	42,542	42,317	42,093	42,206	42,207	41,907	41,930	41,859	41,860	42,024	41,948	41,894
Women, 20 years and over	21,073	21,261	21,130	21,219	21,344	21,274	21,047	20,996	20,874	20,771	20,793	20,879	20,755
Both sexes, 14 to 19 years	5,449	5,358	5,155	5,364	5,324	5,155	5,132	5,245	5,358	5,060	5,259	5,361	5,455
Employed, nonagricultural industries	64,079	64,137	63,693	63,643	63,851	63,628	63,245	62,988	63,248	62,708	63,036	63,074	63,017
Men, 20 years and over	39,064	39,043	38,831	38,668	38,776	38,709	38,512	38,315	38,458	38,258	38,495	38,415	38,377
Women, 20 years and over	20,306	20,489	20,401	20,382	20,512	20,421	20,279	20,168	20,136	20,012	19,996	20,060	19,949
Both sexes, 14 to 19 years	4,709	4,605	4,461	4,593	4,563	4,498	4,454	4,505	4,654	4,438	4,545	4,599	4,691
Unemployed	3,998	4,108	4,118	4,313	4,128	4,062	4,415	4,177	3,993	4,136	3,839	4,066	4,093
Men, 20 years and over	1,835	1,893	1,939	1,941	1,969	2,025	2,233	2,132	2,058	1,980	1,908	2,006	2,097
Women, 20 years and over	1,267	1,179	1,197	1,213	1,174	1,132	1,233	1,196	1,142	1,223	1,161	1,290	1,267
Both sexes, 14 to 19 years	896	1,036	962	1,159	985	905	949	849	793	933	770	770	769

Table A-28: Persons at work in nonagricultural industries, by full- or part-time status, seasonally adjusted

(In thousands)

Full- or part-time status	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963	Dec. 1962	Nov. 1962	Oct. 1962	Sept. 1962	Aug. 1962
On full-time schedules	51,314	51,678	51,317	51,472	51,282	51,233	51,180	50,757	50,803	50,501	50,919	50,919	50,923
On part time for economic reasons	2,531	2,261	2,324	2,194	2,179	2,229	2,196	2,345	2,298	2,461	2,436	2,405	2,376
Usually work full time	1,222	1,042	1,067	1,010	1,080	1,000	965	1,092	995	1,145	1,072	1,143	1,124
Usually work part time	1,309	1,219	1,257	1,184	1,099	1,229	1,231	1,253	1,303	1,316	1,364	1,262	1,252
On part time for noneconomic reasons; usually work part time	7,030	6,928	6,843	6,758	6,622	6,696	6,579	6,729	6,582	6,599	6,637	6,742	6,974

**ESTABLISHMENT DATA
HISTORICAL EMPLOYMENT**
**Table B-1: Employees on nonagricultural payrolls, by industry division
1919 to date**
(In thousands)

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,112	2,528	-	-
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	1,212	1,229	10,300	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,148	3,148	526	2,622
1931.....	26,649	873	1,244	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	925	1,294	10,985	3,038	7,550	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	925	1,567	17,602	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,382	6,389	2,302	4,087
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,904	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,626	2,217	5,409
1958.....	51,423	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,811	7,893	2,191	5,702
1959.....	53,404	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,115	8,190	2,233	5,957
1960.....	54,370	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,392	8,520	2,270	6,250
1961.....	54,224	672	2,816	16,327	3,903	11,337	2,993	8,344	2,731	7,610	8,828	2,279	6,548
1962.....	55,841	652	2,909	16,859	3,903	11,582	3,061	8,521	2,798	7,949	9,188	2,340	6,849
1962: August.....	56,329	663	3,288	17,040	3,934	11,592	3,111	8,481	2,849	8,097	8,866	2,365	6,501
September.....	56,872	657	3,235	17,249	3,932	11,656	3,107	8,549	2,821	8,075	9,247	2,336	6,911
October.....	56,953	652	3,195	17,157	3,935	11,704	3,109	8,595	2,814	8,084	9,412	2,333	7,079
November.....	56,828	644	3,057	17,023	3,912	11,856	3,100	8,756	2,813	8,047	9,476	2,348	7,128
December.....	57,044	634	2,776	16,862	3,914	12,420	3,118	9,302	2,811	8,014	9,613	2,492	7,121
1963: January.....	55,409	622	2,584	16,687	3,775	11,535	3,073	8,462	2,806	7,956	9,444	2,327	7,117
February.....	55,374	618	2,470	16,683	3,844	11,433	3,065	8,368	2,813	7,997	9,516	2,332	7,184
March.....	55,714	616	2,556	16,756	3,847	11,497	3,069	8,428	2,825	8,076	9,541	2,334	7,207
April.....	56,505	632	2,846	16,845	3,859	11,740	3,075	8,665	2,842	8,199	9,542	2,344	7,198
May.....	56,967	643	3,049	16,960	3,897	11,720	3,085	8,635	2,858	8,294	9,546	2,340	7,206
June.....	57,609	650	3,232	17,111	3,954	11,848	3,132	8,716	2,885	8,423	9,506	2,365	7,141
July.....	57,437	642	3,361	17,057	3,971	11,828	3,166	8,662	2,919	8,473	9,186	2,375	6,811
August.....	57,603	648	3,411	17,160	3,966	11,858	3,191	8,667	2,923	8,463	9,174	2,373	6,801

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month. Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

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Table B-2: Employees on nonagricultural payrolls, by industry

Industry	(In thousands)									
	All employees					Production workers ¹				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
TOTAL	57,603	57,437	57,609	56,329	56,093	-	-	-	-	-
MINING	648	642	650	663	654	-	504	512	524	515
METAL MINING	-	84.6	84.0	82.1	86.4	-	70.2	69.8	67.1	71.5
Iron ores	-	27.7	26.9	26.1	26.8	-	23.8	23.1	22.0	22.6
Copper ores	-	27.5	27.9	28.8	28.8	-	22.4	22.7	23.5	23.6
COAL MINING	-	126.0	138.8	149.1	137.0	-	110.3	122.3	131.2	120.1
Bituminous	-	114.5	128.0	137.7	124.7	-	100.1	112.7	121.2	109.2
CRUDE PETROLEUM AND NATURAL GAS	-	302.6	300.3	303.5	304.8	-	216.0	214.5	217.7	218.4
Crude petroleum and natural gas fields	-	167.6	166.3	170.4	170.6	-	98.6	98.1	101.8	101.9
Oil and gas field services	-	135.0	134.0	133.1	134.2	-	117.4	116.4	115.9	116.5
QUARRYING AND NONMETALLIC MINING	-	128.6	127.0	128.5	125.8	-	107.6	105.8	107.7	104.9
CONTRACT CONSTRUCTION	3,411	3,361	3,232	3,288	3,232	-	2,902	2,777	2,837	2,781
GENERAL BUILDING CONTRACTORS	-	1,027.2	984.6	985.7	971.2	-	896.3	855.3	858.4	844.1
HEAVY CONSTRUCTION	-	721.1	691.0	727.1	716.3	-	641.3	613.1	645.2	635.1
Highway and street construction	-	393.0	377.6	392.1	380.9	-	359.9	345.4	360.4	349.6
Other heavy construction	-	328.1	313.4	335.0	335.4	-	281.4	267.7	284.8	285.5
SPECIAL TRADE CONTRACTORS	-	1,612.3	1,556.1	1,575.6	1,544.5	-	1,364.8	1,308.6	1,333.7	1,302.1
MANUFACTURING	17,160	17,057	17,111	17,040	16,881	12,679	12,579	12,652	12,624	12,471
DURABLE GOODS	9,583	9,670	9,738	9,455	9,507	6,975	7,061	7,138	6,883	6,936
NONDURABLE GOODS	7,577	7,387	7,373	7,585	7,374	5,704	5,518	5,514	5,741	5,535
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	279.2	276.9	275.5	280.3	274.6	119.4	118.6	118.4	124.0	120.7
Ammunition, except for small arms	193.7	191.8	189.3	190.7	188.4	68.7	68.1	67.0	70.9	71.2
Sighting and fire control equipment	-	26.6	27.7	32.5	32.5	-	10.6	11.4	13.3	13.3
Other ordnance and accessories	58.5	58.5	58.5	57.1	53.7	40.0	39.9	40.0	39.8	36.2
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	611.2	587.8	584.9	620.5	614.0	550.0	525.7	522.9	557.4	550.2
Logging camps and logging contractors	89.9	82.1	78.5	94.4	93.6	85.0	77.2	73.3	89.8	88.7
Sawmills and planing mills	263.8	256.9	255.4	265.0	264.5	242.0	235.2	233.4	242.0	241.2
Sawmills and planing mills, general	-	223.3	221.5	231.7	231.1	-	204.5	202.3	211.5	210.8
Millwork, plywood, and related products	156.1	148.8	149.9	160.6	156.7	133.4	125.0	126.7	136.8	132.8
Millwork	-	72.3	71.5	71.0	68.5	-	58.6	58.0	58.0	55.6
Veneer and plywood	-	60.7	62.9	70.1	68.9	-	55.6	57.8	64.9	63.6
Wooden containers	35.9	36.5	36.6	37.1	37.3	32.6	33.3	33.4	33.7	33.9
Wooden boxes, shooks, and crates	-	28.7	28.4	28.2	28.6	-	26.1	25.9	25.5	25.8
Miscellaneous wood products	65.5	63.5	64.5	63.4	61.9	57.0	55.0	56.1	55.1	53.6

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

Table B-2: Employees on nonagricultural payrolls, by industry--Continued

Industry	(In thousands)					Production workers ¹				
	All employees									
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Durable Goods--Continued</i>										
FURNITURE AND FIXTURES	393.6	385.5	387.7	391.6	382.0	327.8	320.5	322.5	326.4	316.5
Household furniture	284.8	278.5	280.7	278.8	271.7	243.8	238.2	240.0	238.6	231.3
Wood house furniture, unupholstered	-	145.3	146.7	144.9	139.8	-	129.2	130.4	128.9	123.7
Wood house furniture, upholstered	-	67.6	67.4	67.8	66.1	-	56.7	56.2	56.9	55.3
Mattresses and bedsprings	-	34.6	34.3	35.1	34.3	-	27.2	26.9	27.7	26.8
Office furniture	-	25.6	26.9	28.7	27.7	-	20.4	21.3	23.2	22.1
Partitions; office and store fixtures	-	40.4	39.0	42.0	41.4	-	38.4	29.3	32.1	31.5
Other furniture and fixtures	41.5	41.0	41.1	42.1	41.2	32.0	31.5	31.9	32.5	31.6
STONE, CLAY, AND GLASS PRODUCTS	634.3	630.2	626.8	618.8	612.8	515.4	511.5	508.1	501.8	496.4
Flat glass	-	30.3	30.2	30.5	30.1	-	24.4	24.5	25.1	24.7
Glass and glassware, pressed or blown	116.0	116.0	115.6	112.1	111.8	100.3	100.4	100.1	95.2	95.1
Glass containers	-	69.2	68.2	67.1	67.4	-	61.4	60.3	59.1	59.5
Pressed and blown glassware, n.e.c	-	46.8	47.4	45.0	44.4	-	39.0	39.8	36.1	35.6
Cement, hydraulic	42.7	42.6	42.3	42.4	42.2	34.4	34.3	34.0	34.5	34.2
Structural clay products	71.5	71.3	71.1	71.4	70.5	61.2	60.9	60.7	61.3	60.6
Brick and structural clay tile	-	31.5	31.9	32.7	32.3	-	28.1	28.6	29.5	29.1
Pottery and related products	-	43.5	43.5	43.8	43.3	-	37.0	36.9	37.3	36.9
Concrete, gypsum, and plaster products	186.7	185.3	183.3	178.9	176.4	149.3	147.8	145.6	142.3	140.0
Other stone and mineral products	122.7	121.7	121.3	120.8	120.4	91.4	90.8	90.5	90.6	90.0
Abrasive products	-	23.4	23.1	23.5	23.5	-	14.4	14.2	14.3	14.2
PRIMARY METAL INDUSTRIES	1,176.2	1,197.9	1,209.1	1,133.0	1,132.3	954.2	972.5	984.4	904.3	901.7
Blast furnace and basic steel products	595.0	618.1	623.9	562.2	565.6	487.4	507.5	513.0	446.1	447.8
Blast furnaces, steel and rolling mills	-	549.4	554.6	494.3	496.6	-	453.4	458.5	393.7	394.4
Iron and steel foundries	198.0	198.8	200.5	191.9	192.2	168.0	168.5	170.4	161.9	161.8
Gray iron foundries	-	118.8	119.9	113.6	115.3	-	102.0	103.1	96.8	98.4
Malleable iron foundries	-	24.7	24.8	24.1	22.8	-	20.5	20.7	20.1	18.6
Steel foundries	-	55.3	55.8	54.2	54.1	-	46.0	46.6	45.0	44.8
Nonferrous smelting and refining	71.0	70.3	69.6	68.4	67.3	54.9	54.4	54.0	52.6	51.8
Nonferrous rolling, drawing, and extruding	183.9	182.6	185.4	180.9	181.4	139.6	138.4	141.8	138.4	138.7
Copper rolling, drawing, and extruding	-	46.9	47.3	45.9	45.6	-	36.0	36.7	35.5	35.3
Aluminum rolling, drawing, and extruding	-	61.4	61.9	59.5	60.3	-	46.4	47.2	45.4	46.1
Nonferrous wire drawing and insulating	-	57.4	59.0	58.9	58.8	-	44.2	45.9	45.8	45.5
Nonferrous foundries	70.8	70.7	71.4	70.6	67.2	59.1	57.2	59.3	58.5	55.2
Aluminum castings	-	35.2	35.6	34.3	30.7	-	29.6	30.0	28.7	25.2
Other nonferrous castings	-	35.5	35.8	36.3	36.5	-	29.1	29.3	29.8	30.0
Miscellaneous primary metal industries	57.5	57.4	58.3	59.0	58.6	45.2	45.0	45.9	46.8	46.4
Iron and steel forgings	-	39.4	40.0	41.0	40.6	-	31.3	31.9	33.0	32.6
FABRICATED METAL PRODUCTS	1,158.4	1,148.9	1,163.0	1,126.8	1,126.2	888.5	879.1	893.9	860.0	860.1
Metal cans	67.1	65.0	64.6	65.1	65.3	57.0	54.8	54.4	54.6	55.0
Cutlery, hand tools, and general hardware	129.6	130.1	135.5	131.4	130.5	100.9	101.2	106.4	102.5	101.9
Cutlery and hand tools, including saws	-	49.7	52.1	51.7	50.7	-	38.2	40.5	40.1	39.4
Hardware, n.e.c	-	80.4	83.4	79.7	79.8	-	63.0	65.9	62.4	62.5
Heating equipment and plumbing fixtures	79.4	77.6	77.0	76.4	74.5	59.9	58.3	57.9	57.0	55.2
Sanitary ware and plumbers' brass goods	-	33.6	33.9	32.7	31.7	-	27.4	27.8	26.5	25.5
Heating equipment, except electric	-	44.0	43.1	43.7	42.8	-	30.9	30.1	30.5	29.7
Fabricated structural metal products	349.8	346.4	344.3	339.6	339.7	251.2	247.8	245.9	241.6	241.7
Fabricated structural steel	-	97.6	97.5	97.5	96.8	-	72.2	72.2	71.8	71.4
Metal doors, sash, frames, and trim	-	65.1	64.5	63.2	62.6	-	47.5	47.3	45.5	45.0
Fabricated plate work (boiler shops)	-	86.9	86.5	84.3	87.2	-	57.2	56.4	53.9	56.3
Sheet metal work	-	60.8	60.7	59.2	58.3	-	45.0	44.9	45.0	44.1
Architectural and miscellaneous metal work	-	36.0	35.1	35.4	34.8	-	25.9	25.1	25.4	24.9
Screw machine products, bolts, etc	89.3	87.7	89.1	87.6	86.7	70.1	68.7	70.1	68.9	68.0
Screw machine products	-	37.9	38.2	38.3	38.1	-	31.8	32.1	32.2	32.0
Bolts, nuts, screws, rivets, and washers	-	49.8	50.9	49.3	48.6	-	36.9	38.0	36.7	36.0
Metal stampings	187.5	188.6	196.8	180.6	184.7	150.1	151.0	159.4	143.7	147.8
Coating, engraving, and allied services	70.5	69.3	70.2	67.6	67.0	58.6	57.6	58.3	56.1	55.7
Miscellaneous fabricated wire products	57.5	56.9	57.9	56.1	55.9	45.9	45.3	46.3	44.5	44.1
Miscellaneous fabricated metal products	127.7	127.3	127.6	122.4	121.9	94.8	94.4	95.2	91.1	90.7
Valves, pipe, and pipe fittings	-	77.2	77.4	74.1	73.6	-	54.9	55.4	53.1	52.3

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

Table B-2: Employees on nonagricultural payrolls, by industry--Continued

Industry	(In thousands)									
	All employees					Production workers ¹				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Durable Goods--Continued</i>										
MACHINERY	1,509.2	1,513.3	1,523.1	1,494.4	1,498.6	1,038.3	1,042.1	1,054.8	1,035.7	1,039.9
Engines and turbines.....	85.3	84.6	84.5	84.9	83.9	56.1	55.6	55.4	56.1	55.3
Steam engines and turbines.....	-	35.2	35.5	35.2	34.9	-	19.8	19.9	19.8	19.6
Internal combustion engines, n.e.c.....	-	49.4	49.0	49.7	49.0	-	35.8	35.5	36.3	35.7
Farm machinery and equipment.....	-	117.8	120.0	111.8	113.2	-	84.5	86.7	79.6	80.7
Construction and related machinery.....	215.8	214.1	215.1	214.7	213.9	143.9	142.6	144.1	143.0	142.0
Construction and mining machinery.....	-	117.8	117.9	117.6	115.9	-	81.6	81.9	81.2	79.8
Oil field machinery and equipment.....	-	31.9	32.0	33.8	34.0	-	20.9	21.0	22.6	22.6
Conveyors, hoists, and industrial cranes.....	-	30.9	30.2	29.2	29.1	-	20.1	19.9	18.7	18.6
Metalworking machinery and equipment.....	267.2	268.3	271.0	257.8	261.3	198.4	199.3	202.4	191.1	194.6
Machine tools, metal cutting types.....	-	70.3	70.2	67.3	67.6	-	48.4	48.4	45.9	46.2
Special dies, tools, jigs, and fixtures.....	-	92.8	95.0	88.2	89.9	-	75.5	77.7	71.7	73.7
Machine tool accessories.....	-	44.6	45.4	43.1	43.1	-	32.1	33.1	31.4	31.3
Miscellaneous metalworking machinery.....	-	60.6	60.4	59.2	60.7	-	43.3	43.2	42.1	43.4
Special industry machinery.....	167.4	167.5	168.5	170.5	170.9	114.4	114.5	115.6	117.5	117.8
Food products machinery.....	-	32.5	32.6	33.4	33.4	-	20.7	21.0	21.3	21.6
Textile machinery.....	-	37.3	37.6	38.4	38.4	-	28.7	29.0	29.6	29.5
General industrial machinery.....	231.2	231.4	231.1	230.0	229.2	153.6	153.3	153.8	155.5	154.7
Pumps; air and gas compressors.....	-	64.7	64.5	63.6	63.3	-	36.8	36.9	37.2	37.0
Ball and roller bearings.....	-	50.1	50.3	51.3	51.3	-	38.9	39.1	40.8	41.0
Mechanical power transmission goods.....	-	46.0	46.1	45.0	44.9	-	33.8	34.1	33.0	32.9
Office, computing, and accounting machines.....	154.5	153.5	153.0	157.1	156.1	90.3	89.1	89.8	97.3	96.1
Computing machines and cash registers.....	-	110.0	109.3	113.0	112.5	-	59.0	59.4	66.2	65.8
Service industry machines.....	98.3	100.1	102.9	99.5	103.2	66.3	67.9	70.7	67.4	71.1
Refrigeration, except home refrigerators.....	-	63.2	65.9	60.9	64.3	-	43.3	46.0	41.4	44.9
Miscellaneous machinery.....	177.0	176.0	177.0	168.1	166.9	136.3	135.3	136.3	128.2	127.6
Machine shops, jobbing and repair.....	-	121.5	121.8	116.0	115.2	-	95.0	95.1	89.7	89.5
Machine parts, n.e.c., except electrical.....	-	54.5	55.2	52.1	51.7	-	40.3	41.2	38.5	38.1
ELECTRICAL EQUIPMENT AND SUPPLIES	1,571.7	1,565.5	1,580.4	1,590.3	1,580.1	1,046.3	1,040.0	1,056.9	1,066.4	1,056.1
Electric distribution equipment.....	168.6	168.2	168.5	169.7	168.2	111.2	111.0	111.4	113.1	111.2
Electric measuring instruments.....	-	54.2	54.8	57.8	57.1	-	35.5	36.0	38.9	38.0
Power and distribution transformers.....	-	43.2	43.2	42.6	42.4	-	29.8	29.7	29.2	28.7
Switchgear and switchboard apparatus.....	-	70.8	70.5	69.3	68.7	-	45.7	45.7	45.0	44.5
Electrical industrial apparatus.....	187.6	187.7	188.2	185.7	186.6	127.9	127.9	128.5	126.4	127.4
Motors and generators.....	-	100.9	101.8	99.2	100.2	-	70.1	70.9	68.1	69.3
Industrial controls.....	-	50.8	50.4	50.1	50.2	-	33.3	32.9	33.1	33.1
Household appliances.....	154.4	152.5	155.0	148.2	147.1	117.8	116.4	119.1	112.6	111.7
Household refrigerators and freezers.....	-	48.9	49.7	45.3	46.9	-	38.2	39.1	35.0	36.7
Household laundry equipment.....	-	25.3	25.2	25.7	25.2	-	19.0	19.0	19.3	18.7
Electric housewares and fans.....	-	33.1	34.1	33.3	31.5	-	25.1	26.1	25.3	23.7
Electric lighting and wiring equipment.....	150.7	147.1	147.4	143.8	141.0	117.3	114.3	115.0	111.7	109.5
Electric lamps.....	-	30.0	30.2	28.7	28.6	-	26.2	26.4	25.0	24.8
Lighting fixtures.....	-	51.8	51.0	50.8	48.9	-	39.8	39.1	38.9	37.2
Wiring devices.....	-	65.3	66.2	64.3	63.5	-	48.3	49.5	47.8	47.5
Radio and TV receiving sets.....	119.0	113.5	112.1	115.2	113.0	91.0	86.0	84.8	87.0	85.1
Communication equipment.....	423.7	426.8	432.0	448.8	444.5	212.4	214.2	218.8	232.1	227.0
Telephone and telegraph apparatus.....	-	117.9	118.7	123.4	122.7	-	77.5	78.1	79.6	79.2
Radio and TV communication equipment.....	-	308.9	313.3	325.4	321.8	-	136.7	140.7	152.5	147.8
Electronic components and accessories.....	264.0	261.0	265.7	270.8	270.9	190.9	188.7	194.9	201.6	201.3
Electron tubes.....	-	67.8	68.4	71.6	70.9	-	44.7	46.0	50.3	49.8
Electronic components, n.e.c.....	-	193.2	197.3	199.2	200.0	-	144.0	148.9	151.3	151.5
Miscellaneous electrical equipment and supplies.....	103.7	108.7	111.5	108.1	108.8	77.8	81.5	84.4	81.9	82.9
Electrical equipment for engine.....	-	65.7	66.7	63.7	65.3	-	49.7	50.7	48.5	50.3
TRANSPORTATION EQUIPMENT	1,468.2	1,604.3	1,620.7	1,430.5	1,535.8	969.7	1,102.8	1,121.1	946.9	1,051.6
Motor vehicles and equipment.....	593.1	731.9	747.0	574.3	687.7	431.3	565.8	581.2	418.1	530.6
Motor vehicles.....	-	282.5	294.4	213.8	269.8	-	206.6	217.8	141.8	194.8
Passenger car bodies.....	-	67.9	68.6	49.8	65.5	-	54.9	56.0	37.7	53.1
Truck and bus bodies.....	-	36.3	36.2	29.4	32.6	-	29.8	29.9	23.3	26.5
Motor vehicle parts and accessories.....	-	322.5	327.1	260.8	299.6	-	256.9	261.9	199.9	241.1
Aircraft and parts.....	647.5	646.5	644.9	636.0	632.2	352.1	351.9	352.1	348.7	344.8
Aircraft.....	-	332.0	329.5	333.3	330.9	-	174.1	171.9	177.4	173.6
Aircraft engines and engine parts.....	-	209.8	210.9	200.6	199.6	-	111.0	112.5	107.3	107.9
Other aircraft parts and equipment.....	-	104.7	104.5	102.1	101.7	-	66.8	67.7	64.0	63.3
Ship and boat building and repairing.....	143.6	142.3	144.0	141.9	139.5	120.1	119.4	121.0	119.2	116.9
Ship building and repairing.....	-	118.7	117.7	118.5	115.9	-	100.3	99.2	100.0	97.4
Boat building and repairing.....	-	23.6	26.3	23.4	23.6	-	19.1	21.8	19.2	19.5
Railroad equipment.....	-	44.4	44.7	42.8	41.1	-	33.4	33.8	31.9	30.5
Other transportation equipment.....	-	39.2	40.1	35.5	35.3	-	32.3	33.0	29.0	28.8

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

Table B-2: Employees on nonagricultural payrolls, by industry--Continued

Industry	(In thousands)					Production workers ¹				
	All employees									
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Durable Goods--Continued</i>										
INSTRUMENTS AND RELATED PRODUCTS	376.5	372.5	373.5	363.9	359.7	240.4	236.7	238.8	232.1	228.3
Engineering and scientific instruments	-	73.4	73.9	74.5	73.2	-	38.5	39.2	39.4	38.5
Mechanical measuring and control devices	99.0	98.0	97.9	95.5	94.3	64.6	63.7	64.0	62.2	61.1
Mechanical measuring devices	-	60.6	60.6	59.8	59.6	-	37.9	38.3	38.1	37.9
Automatic temperature controls	-	37.4	37.3	35.7	34.7	-	25.8	25.7	24.1	23.2
Optical and ophthalmic goods	42.0	41.1	42.0	40.5	40.5	30.2	29.4	29.8	29.5	29.5
Surgical, medical, and dental equipment	53.2	52.5	53.6	50.9	50.6	37.4	36.7	37.6	35.6	35.0
Photographic equipment and supplies	(*)	77.4	76.0	74.0	73.6	(*)	43.7	43.7	42.4	42.2
Watches and clocks	-	30.1	30.1	28.5	27.5	-	24.7	24.5	23.0	22.0
MISCELLANEOUS MANUFACTURING INDUSTRIES	404.6	387.3	393.2	405.3	390.7	325.4	311.1	316.3	328.3	314.6
Jewelry, silverware, and plated ware	40.6	38.6	41.7	42.3	40.5	31.0	29.4	32.0	32.7	31.3
Toys, amusement, and sporting goods	-	106.0	105.2	112.4	108.3	-	88.6	88.2	95.2	91.5
Toys, games, dolls, and play vehicles	-	67.1	65.3	73.7	68.3	-	57.4	55.9	64.8	59.7
Sporting and athletic goods, n.e.c.	-	38.9	39.9	38.7	40.0	-	31.2	32.3	30.4	31.8
Pens, pencils, office, and art materials	-	31.3	31.9	31.6	30.3	-	23.6	24.3	23.9	22.6
Costume jewelry, buttons, and notions	-	55.9	58.0	58.8	55.7	-	46.4	48.2	49.0	45.9
Other manufacturing industries	159.9	155.5	156.4	160.2	155.9	126.4	123.1	123.6	127.5	123.3
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	1,855.7	1,779.0	1,732.0	1,894.8	1,815.2	1,262.1	1,187.5	1,145.8	1,297.4	1,219.4
Meat products	310.7	310.8	307.8	317.5	316.1	249.6	250.3	247.5	255.9	254.3
Meat packing	-	192.8	191.5	197.0	197.4	-	151.5	150.4	154.6	154.9
Sausages and other prepared meats	-	47.6	47.2	47.7	47.6	-	34.3	33.8	34.5	34.4
Poultry dressing and packing	-	70.4	69.1	72.8	71.1	-	64.5	63.3	66.8	65.0
Dairy products	305.5	307.7	305.2	314.0	315.9	153.5	155.1	153.6	158.7	161.0
Ice cream and frozen desserts	-	36.5	35.7	37.8	38.6	-	20.7	20.1	21.4	22.5
Fluid milk	-	214.9	213.3	219.9	220.3	-	90.2	89.4	94.2	94.9
Canned and preserved food, except meats	-	263.6	227.4	364.1	293.0	-	224.5	189.4	322.4	251.9
Canned, cured, and frozen sea foods	-	46.8	39.0	49.3	49.7	-	42.0	34.1	44.6	44.9
Canned food, except sea foods	-	139.4	109.3	222.3	161.8	-	116.7	87.4	197.0	137.4
Frozen food, except sea foods	-	46.8	51.3	56.6	52.2	-	42.4	47.0	51.1	46.7
Grain mill products	136.6	136.1	134.1	135.5	135.0	96.4	95.8	94.2	95.3	95.1
Flour and other grain mill products	-	33.4	33.2	34.1	34.2	-	22.4	22.3	23.0	23.0
Prepared feeds for animals and fowls	-	62.9	61.9	61.7	61.0	-	43.4	42.6	42.6	42.3
Bakery products	296.7	296.4	294.0	296.0	296.0	173.2	172.2	170.9	170.3	170.4
Bread, cake, and perishable products	-	251.7	249.3	249.7	250.2	-	135.3	134.1	132.1	132.8
Biscuit, crackers, and pretzels	-	44.7	44.7	46.3	45.8	-	36.9	36.8	38.2	37.6
Sugar	-	30.7	30.9	31.2	30.5	-	23.8	24.0	25.4	24.5
Confectionery and related products	77.2	69.4	72.6	73.9	66.5	61.9	54.5	57.4	58.8	51.7
Candy and other confectionery products	-	54.2	57.5	58.7	51.5	-	43.5	46.5	47.7	40.8
Beverages	223.7	224.5	219.9	219.6	221.6	118.3	119.0	116.5	115.2	117.5
Malt liquors	-	69.4	67.6	68.6	71.1	-	47.3	45.9	46.3	48.6
Bottled and canned soft drinks	-	118.4	114.8	114.3	114.9	-	46.4	44.2	43.4	44.4
Miscellaneous food and kindred products	141.1	139.8	140.1	143.0	140.6	94.0	92.3	92.3	95.4	93.0
TOBACCO MANUFACTURES	101.5	74.9	75.6	103.1	77.8	91.4	63.2	63.8	90.6	66.0
Cigarettes	-	38.2	38.1	38.3	38.2	-	31.6	31.5	32.0	32.0
Cigars	-	21.9	22.8	23.6	22.9	-	20.4	21.2	21.8	21.1
TEXTILE MILL PRODUCTS	897.6	883.2	895.1	909.6	895.3	804.1	791.0	802.5	819.4	805.7
Cotton broad woven fabrics	234.1	232.4	233.0	239.6	238.0	216.7	215.2	215.8	222.7	221.0
Silk and synthetic broad woven fabrics	85.1	82.3	83.6	82.4	80.1	76.8	74.1	75.4	74.6	72.4
Weaving and finishing broad woolens	48.8	49.5	50.4	52.7	52.7	43.0	43.7	44.5	46.7	46.7
Narrow fabrics and small wares	27.1	26.2	27.2	27.5	26.9	23.8	22.9	23.8	24.1	23.5
Knitting	219.7	215.7	218.3	226.2	221.3	197.4	194.0	196.7	204.8	200.2
Full-fashioned hosiery	-	18.4	19.2	21.1	20.7	-	16.3	17.0	19.0	18.6
Seamless hosiery	-	78.3	79.5	81.7	82.7	-	72.5	73.4	78.5	76.6
Knit outerwear	-	66.8	67.1	68.2	66.8	-	58.7	59.4	60.9	59.7
Knit underwear	-	30.0	30.1	29.6	29.1	-	27.1	27.2	26.6	26.0
Finishing textiles, except wool and knit	75.6	73.6	74.5	74.5	73.8	64.8	62.8	63.6	63.9	63.3
Floor covering	-	37.1	37.1	36.5	36.3	-	30.6	30.6	30.3	30.2
Yarn and thread	105.3	102.1	104.9	104.4	101.8	97.0	93.9	96.6	96.8	94.2
Miscellaneous textile goods	64.5	64.3	66.1	65.8	64.4	53.7	53.8	55.5	55.5	54.2

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

Table B-2: Employees on nonagricultural payrolls, by industry--Continued

Industry	(In thousands)									
	All employees					Production workers ¹				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Nondurable Goods--Continued</i>										
APPAREL AND RELATED PRODUCTS	1,322.0	1,280.5	1,289.2	1,298.9	1,237.6	1,174.1	1,133.3	1,139.6	1,156.3	1,096.4
Men's and boys' suits and coats	116.3	113.8	118.8	119.2	114.7	104.2	101.9	106.2	107.0	102.6
Men's and boys' furnishings	335.7	329.5	334.1	328.5	317.3	305.4	299.5	303.3	299.0	287.8
Men's and boys' shirts and nightwear	-	126.3	126.8	123.8	122.0	-	114.3	114.3	111.7	109.9
Men's and boys' separate trousers	-	62.8	64.7	63.4	60.2	-	59.4	61.0	59.8	56.7
Work clothing	-	73.6	74.5	72.9	70.5	-	66.3	67.3	65.7	63.3
Women's, misses', and juniors' outerwear	402.2	385.4	380.2	393.7	368.8	359.2	343.1	336.8	353.7	329.6
Women's blouses, waists, and shirts	-	48.0	48.0	46.1	44.8	-	43.5	43.6	42.0	40.9
Women's, misses', and juniors' dresses	-	182.3	179.6	193.4	174.8	-	162.0	158.7	174.3	156.0
Women's suits, skirts, and coats	-	90.1	82.1	92.7	89.9	-	80.7	72.5	83.1	80.8
Women's and misses' outerwear, n.e.c.	-	65.0	70.5	61.5	59.3	-	56.9	62.0	54.3	51.9
Women's and children's undergarments	121.0	114.0	116.0	117.9	111.8	107.3	100.7	102.5	104.4	98.5
Women's and children's underwear	-	73.8	74.7	77.7	73.0	-	67.4	68.3	71.0	66.6
Corsets and allied garments	-	40.2	41.3	40.2	38.8	-	33.3	34.2	33.4	31.9
Hats, caps, and millinery	-	32.7	30.7	33.6	29.2	-	28.5	27.0	29.8	25.7
Girls' and children's outerwear	80.6	80.9	82.3	80.1	79.8	72.0	72.1	73.6	72.0	71.3
Children's dresses, blouses, and shirts	-	38.4	39.3	36.2	36.8	-	34.5	35.2	32.6	32.8
Fur goods and miscellaneous apparel	-	72.5	73.0	76.7	73.1	-	62.4	62.9	66.4	63.0
Miscellaneous fabricated textile products	158.4	151.7	154.1	149.2	142.9	131.8	125.1	127.3	124.0	117.9
Housefurnishings	-	52.2	52.9	53.1	49.5	-	43.7	44.4	44.7	41.2
PAPER AND ALLIED PRODUCTS	632.5	621.0	624.1	622.9	615.3	499.0	487.6	491.5	492.3	485.0
Paper and pulp	220.5	217.6	217.8	221.4	218.2	178.2	174.7	175.6	178.5	175.3
Paperboard	67.8	68.1	67.9	65.4	65.0	54.1	54.4	54.3	52.3	51.7
Converted paper and paperboard products	151.8	147.5	147.9	146.3	145.2	113.4	109.5	110.1	109.6	108.8
Bags, except textile bags	-	34.1	34.3	33.7	33.3	-	27.5	27.8	27.2	26.8
Paperboard containers and boxes	192.4	187.8	190.5	189.8	186.9	153.3	149.0	151.5	151.9	149.2
Folding and setup paperboard boxes	-	66.4	68.0	69.6	67.5	-	54.3	55.8	57.4	55.3
Corrugated and solid fiber boxes	-	79.8	80.6	78.3	77.4	-	61.2	61.8	60.2	59.5
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	936.2	931.5	932.8	925.9	923.2	593.0	589.2	592.4	593.7	589.7
Newspaper publishing and printing	326.1	326.6	325.9	327.2	325.3	162.8	163.5	163.9	167.7	165.5
Periodical publishing and printing	-	68.4	68.8	67.9	68.4	-	26.5	27.0	27.5	27.1
Books	-	73.6	74.4	73.0	73.3	-	44.2	45.2	44.4	44.7
Commercial printing	297.2	296.6	297.7	293.6	293.8	232.3	232.2	233.2	231.6	231.4
Commercial printing, except lithographic	-	199.4	200.1	196.1	196.6	-	157.5	158.1	155.3	155.6
Commercial printing, lithographic	-	86.8	87.1	86.6	86.3	-	66.2	66.4	67.2	66.7
Bookbinding and related industries	53.1	52.1	51.6	50.7	49.5	42.8	41.8	41.5	41.0	39.9
Other publishing and printing industries	114.8	114.2	114.4	113.5	112.9	81.7	81.0	81.6	81.5	81.1
CHEMICALS AND ALLIED PRODUCTS	871.8	872.7	870.2	853.8	851.1	524.7	525.6	527.3	520.8	518.8
Industrial chemicals	287.8	288.4	287.6	285.4	286.7	164.6	165.5	166.5	166.2	166.8
Plastics and synthetics, except glass	171.6	172.5	170.9	163.8	163.1	114.2	115.1	115.0	111.5	111.4
Plastics and synthetics, except fibers	-	76.3	75.6	72.5	72.0	-	48.7	48.5	47.0	46.6
Synthetic fibers	-	83.0	82.1	79.0	78.2	-	57.8	57.8	56.5	56.1
Drugs	117.9	117.8	116.8	112.9	112.3	63.5	63.6	63.2	60.8	60.3
Pharmaceutical preparations	-	86.6	86.2	84.0	83.5	-	44.9	44.9	43.7	43.2
Soap, cleaners, and toilet goods	100.8	99.6	99.2	99.2	97.1	61.6	60.3	59.7	60.5	58.5
Soap and detergents	-	36.8	36.6	36.9	36.8	-	26.0	25.5	26.1	25.8
Toilet preparations	-	34.6	34.2	34.7	33.1	-	20.2	20.0	21.2	19.8
Paints, varnishes, and allied products	66.1	66.1	65.3	64.9	64.8	38.1	38.2	37.6	37.6	37.6
Agricultural chemicals	45.7	46.2	48.9	44.1	43.9	29.4	29.3	32.3	28.5	28.4
Fertilizers, complete and mixing only	-	33.4	36.4	32.2	31.6	-	22.4	25.4	22.1	21.5
Other chemical products	81.9	82.1	81.5	83.5	83.2	53.3	53.6	53.0	55.7	55.8
PETROLEUM REFINING AND RELATED INDUSTRIES	193.1	191.1	190.4	198.9	199.9	123.6	122.6	121.7	128.0	129.2
Petroleum refining	156.1	154.4	153.9	162.4	164.0	96.9	96.2	95.5	101.9	103.6
Other petroleum and coal products	37.0	36.7	36.5	36.5	35.9	26.7	26.4	26.2	26.1	25.6
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	405.0	401.9	412.4	409.5	401.2	311.4	308.6	319.1	316.9	309.5
Tires and inner tubes	93.0	98.0	98.7	99.4	98.5	66.5	71.1	71.9	72.1	71.4
Other rubber products	161.2	155.2	162.1	161.5	157.1	126.4	120.6	127.3	127.2	123.0
Miscellaneous plastic products	150.8	148.7	151.6	148.6	145.6	118.5	116.9	119.9	117.6	115.1
LEATHER AND LEATHER PRODUCTS	361.4	350.7	350.7	367.7	357.5	320.4	309.5	309.8	325.8	315.7
Leather tanning and finishing	31.2	30.6	31.5	32.0	30.8	27.3	26.8	27.7	28.1	27.0
Footwear, except rubber	241.5	236.1	235.7	245.7	241.3	216.1	210.6	210.3	220.0	215.7
Other leather products	88.7	84.0	83.5	90.0	85.4	77.0	72.1	71.8	77.7	73.0

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**
Table B-2: Employees on nonagricultural payrolls, by industry--Continued

	(In thousands)									
	All employees					Production workers ¹				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
TRANSPORTATION AND PUBLIC UTILITIES	3,966	3,971	3,954	3,934	3,921	-	-	-	-	-
RAILROAD TRANSPORTATION	-	788.5	788.9	806.9	807.0	-	-	-	-	-
Class I railroads	-	695.0	694.7	710.9	711.3	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT	-	258.5	268.9	256.8	257.5	-	-	-	-	-
Local and suburban transportation	-	87.0	87.7	89.1	89.1	-	82.6	83.3	85.0	85.2
Taxicabs	-	111.4	111.7	109.5	109.2	-	-	-	-	-
Intercity and rural bus lines	-	43.4	42.7	42.7	42.9	-	40.4	39.8	39.8	40.0
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	918.3	912.3	895.9	889.7	-	835.7	829.6	820.1	813.1
AIR TRANSPORTATION	-	211.4	210.7	194.9	190.0	-	-	-	-	-
Air transportation, common carriers	-	190.9	189.5	174.3	168.6	-	-	-	-	-
PIPELINE TRANSPORTATION	-	20.5	20.4	21.7	21.8	-	17.6	17.6	18.6	18.7
OTHER TRANSPORTATION	-	306.1	302.4	298.0	296.6	-	-	-	-	-
COMMUNICATION	-	842.5	831.5	835.2	834.9	-	-	-	-	-
Telephone communication	-	701.3	691.8	697.3	696.7	-	565.2	559.5	567.8	567.2
Telegraph communication	-	34.0	34.1	37.3	37.5	-	24.3	24.3	27.2	27.4
Radio and television broadcasting	-	102.9	101.3	96.3	96.4	-	85.5	83.6	80.6	79.8
ELECTRIC, GAS, AND SANITARY SERVICES	-	625.6	619.1	624.2	623.1	-	546.8	541.3	550.3	549.1
Electric companies and systems	-	251.8	249.2	251.0	251.0	-	215.1	213.0	216.1	215.6
Gas companies and systems	-	158.3	156.9	158.3	157.9	-	140.0	138.7	140.6	140.5
Combined utility systems	-	175.7	173.8	176.7	176.1	-	156.7	155.3	160.1	159.6
Water, steam, and sanitary systems	-	39.8	39.2	38.2	38.1	-	35.0	34.3	33.5	33.4
WHOLESALE AND RETAIL TRADE²	11,858	11,828	11,848	11,592	11,565	-	8,911	8,926	8,753	8,732
WHOLESALE TRADE	3,191	3,166	3,132	3,111	3,090	-	2,714	2,680	2,675	2,656
Motor vehicles and automotive equipment	-	237.7	236.7	231.8	231.0	-	202.0	201.0	195.9	195.6
Drugs, chemicals, and allied products	-	190.8	190.2	188.8	187.5	-	158.4	157.8	158.2	157.1
Dry goods and apparel	-	134.6	134.1	133.5	133.4	-	111.6	110.9	111.0	111.0
Groceries and related products	-	508.7	497.1	496.0	500.7	-	449.1	437.8	438.3	443.5
Electrical goods	-	230.6	228.6	221.2	220.9	-	199.7	197.9	194.1	193.7
Hardware, plumbing, and heating goods	-	147.7	145.8	144.3	144.1	-	128.2	126.3	125.3	124.9
Machinery, equipment, and supplies	-	544.6	538.9	519.4	518.1	-	463.8	458.1	442.7	441.9
RETAIL TRADE ²	8,667	8,662	8,716	8,481	8,475	-	6,197	6,246	6,078	6,076
GENERAL MERCHANDISE STORES	-	1,580.0	1,605.4	1,566.1	1,553.1	-	1,444.5	1,469.4	1,437.1	1,424.4
Department stores	-	921.7	940.0	913.7	905.8	-	842.0	860.3	835.9	827.8
Limited price variety stores	-	306.4	311.2	311.5	308.7	-	283.4	288.2	290.7	287.9
FOOD STORES	-	1,402.6	1,402.8	1,361.1	1,371.6	-	1,307.6	1,308.6	1,269.2	1,280.1
Grocery, meat, and vegetable stores	-	1,231.5	1,230.5	1,197.8	1,206.3	-	1,144.5	1,144.6	1,114.7	1,123.7
APPAREL AND ACCESSORIES STORES	-	584.7	610.7	581.2	582.0	-	527.1	552.1	525.1	526.3
Men's and boys' apparel stores	-	97.4	101.8	94.9	96.2	-	87.8	92.4	85.9	87.4
Women's ready-to-wear stores	-	217.2	228.2	216.6	217.8	-	197.4	207.1	196.3	197.9
Family clothing stores	-	89.7	91.2	89.2	89.9	-	82.8	84.4	82.5	82.8
Shoe stores	-	118.9	122.6	116.0	115.9	-	104.3	108.2	102.5	102.7
FURNITURE AND APPLIANCE STORES	-	390.7	389.7	385.3	384.6	-	347.5	346.7	342.8	342.8
EATING AND DRINKING PLACES	-	1,810.5	1,817.9	1,779.8	1,775.5	-	-	-	-	-
OTHER RETAIL TRADE	-	2,893.3	2,889.6	2,807.2	2,808.2	-	2,570.4	2,568.8	2,503.8	2,502.7
Motor vehicle dealers	-	679.5	676.8	647.5	645.8	-	592.0	589.1	565.0	563.2
Other vehicle and accessory dealers	-	169.0	167.9	155.6	155.9	-	144.5	143.6	132.4	132.8
Drug stores	-	378.9	377.0	375.7	371.1	-	350.2	348.8	348.9	344.6

See footnotes at end of table. NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
EMPLOYMENT**

Table B-2: Employees on nonagricultural payrolls, by industry--Continued

Industry	(In thousands)									
	All employees					Production workers ¹				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
FINANCE, INSURANCE, AND REAL ESTATE	2,923	2,919	2,885	2,849	2,847	-	-	-	-	-
Banking	-	749.1	739.3	729.3	725.4	-	635.5	626.3	620.6	617.6
Credit agencies other than banks	-	295.8	291.6	283.9	283.7	-	-	-	-	-
Savings and loan associations	-	89.4	87.0	82.3	83.0	-	-	-	-	-
Personal credit institutions	-	155.5	154.9	153.1	152.4	-	-	-	-	-
Security dealers and exchanges	-	125.6	124.3	133.8	135.4	-	115.5	114.3	124.1	125.9
Insurance carriers	-	874.6	865.3	860.7	857.7	-	783.5	775.3	776.9	773.6
Life insurance	-	466.0	461.2	456.7	455.1	-	420.3	416.4	415.6	413.6
Accident and health insurance	-	52.5	51.9	51.7	51.8	-	46.8	46.2	46.5	46.5
Fire, marine, and casualty insurance	-	314.0	310.8	310.8	309.4	-	280.1	277.1	278.7	277.3
Insurance agents, brokers, and services	-	222.1	219.2	215.9	214.6	-	-	-	-	-
Real estate	-	574.2	569.2	547.1	552.0	-	-	-	-	-
Operative builders	-	59.0	57.3	52.0	52.3	-	-	-	-	-
Other finance, insurance, and real estate	-	77.6	76.4	78.2	78.0	-	-	-	-	-
SERVICES AND MISCELLANEOUS	8,463	8,473	8,423	8,097	8,117	-	-	-	-	-
Hotel and lodging places	-	758.7	692.7	701.8	697.3	-	-	-	-	-
Hotels, tourist courts, and motels	-	654.4	633.8	595.6	593.0	-	616.4	597.4	563.8	561.3
Personal services:										
Laundries, cleaning and dyeing plants	-	517.6	519.9	516.7	526.4	-	380.8	382.2	379.0	387.5
Miscellaneous business services:										
Advertising	-	109.2	107.6	108.4	107.9	-	-	-	-	-
Motion pictures	-	180.8	177.6	185.7	183.7	-	-	-	-	-
Motion picture filming and distributing	-	36.3	34.3	38.9	38.0	-	23.5	22.6	24.3	23.9
Motion picture theaters and services	-	144.5	143.3	146.8	145.7	-	-	-	-	-
Medical services:										
Hospitals	-	1,313.0	1,302.9	1,255.6	1,258.0	-	-	-	-	-
GOVERNMENT	9,174	9,186	9,506	8,866	8,876	-	-	-	-	-
FEDERAL GOVERNMENT³	2,373	2,375	2,365	2,365	2,368	-	-	-	-	-
Executive	-	2,344.5	2,334.4	2,335.5	2,338.5	-	-	-	-	-
Department of Defense	-	953.9	951.5	972.9	973.4	-	-	-	-	-
Post Office Department	-	588.7	585.7	589.2	589.9	-	-	-	-	-
Other agencies	-	801.9	797.2	773.4	775.2	-	-	-	-	-
Legislative	-	24.6	24.4	24.1	23.9	-	-	-	-	-
Judicial	-	5.7	5.7	5.5	5.5	-	-	-	-	-
STATE AND LOCAL GOVERNMENT	6,801	6,811	7,141	6,501	6,508	-	-	-	-	-
State government	-	1,756.5	1,790.7	1,670.7	1,677.6	-	-	-	-	-
State education	-	532.9	588.0	475.5	487.0	-	-	-	-	-
Other State government	-	1,223.6	1,202.7	1,195.2	1,190.6	-	-	-	-	-
Local government	-	5,054.3	5,349.9	4,830.3	4,830.4	-	-	-	-	-
Local education	-	2,613.1	2,961.7	2,462.9	2,462.2	-	-	-	-	-
Other local government	-	2,441.2	2,388.2	2,367.4	2,368.2	-	-	-	-	-

¹For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; and for all other industries, to nonsupervisory workers.

²Data for nonsupervisory workers exclude eating and drinking places.

³Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

*Not available.

NOTE: Data for the 2 most recent months are preliminary.

SEASONALLY ADJUSTED EMPLOYMENT

Table B-4: Indexes of employment on nonagricultural payrolls, by industry division, 1919 to date, monthly data seasonally adjusted

Year and month	1957-59=100												
	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Service and miscellaneous	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	51.5	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	33.9	-	-
1920.....	52.0	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	32.9	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.0	-	-
1922.....	49.1	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.1	-	-
1923.....	54.0	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.0	-	-
1924.....	53.3	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.4	34.4	-	-
1925.....	54.7	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.4	-	-
1926.....	56.7	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.0	-	-
1927.....	57.0	144.7	55.7	60.3	95.6	54.1	-	-	54.0	46.0	36.9	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	37.9	-	-
1929.....	59.6	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	38.8	24.1	44.5
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	39.8	23.8	46.1
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.3	25.3	47.5
1932.....	44.9	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	40.8	25.2	46.9
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.1	25.5	45.7
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	41.7	29.4	46.5
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.0	34.0	48.0
1936.....	55.3	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.3	46.4	37.3	50.0
1937.....	59.0	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.5	37.6	51.4
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.1	37.4	53.7
1939.....	58.2	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.6	40.9	54.3
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.2	45.0	56.4
1941.....	69.5	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.0	60.5	58.4
1942.....	76.3	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.3	69.4	100.0	57.5
1943.....	80.7	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	76.9	131.2	55.8
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	76.5	132.2	54.8
1945.....	76.8	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.2	126.8	55.1
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.5	70.8	101.8	58.7
1947.....	83.5	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.3	69.3	85.5	63.0
1948.....	85.4	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	71.5	84.1	66.6
1949.....	83.3	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.4	74.1	86.2	69.4
1950.....	86.0	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.2	87.1	72.0
1951.....	91.0	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	80.8	104.0	71.8
1952.....	92.9	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	83.6	109.3	73.6
1953.....	95.5	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.1	104.1	76.3
1954.....	93.2	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.1	85.4	98.8	80.2
1955.....	96.4	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	87.5	98.8	83.1
1956.....	99.7	106.8	103.9	103.9	104.1	99.4	99.6	99.4	96.0	94.8	92.1	99.8	89.1
1957.....	100.6	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	96.5	100.1	95.1
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.8	99.9	99.0	100.2
1959.....	101.6	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.2	103.6	100.9	104.7
1960.....	103.4	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.3	107.8	102.5	109.9
1961.....	103.1	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	110.4	111.7	102.9	115.1
1962.....	106.2	84.7	100.8	101.6	95.8	106.1	105.7	106.2	110.6	115.3	116.3	105.7	120.4
1962: August...	106.5	84.7	102.1	101.6	95.7	106.4	106.0	106.5	110.8	116.3	116.6	106.0	120.7
1962: September	106.7	84.0	101.9	101.9	95.7	106.6	106.3	106.6	110.9	116.4	117.1	105.7	121.5
1962: October...	106.9	83.6	101.8	101.9	95.8	106.5	106.2	106.6	111.3	116.7	117.8	105.8	122.5
1962: November	106.9	83.1	101.9	101.6	95.6	106.6	106.0	106.8	111.5	117.0	118.3	106.3	123.0
1962: December	106.9	82.2	100.9	101.5	95.6	106.5	106.1	106.6	111.5	117.2	118.8	106.1	123.7
1963: January...	107.1	81.9	102.8	101.6	93.7	107.0	106.5	107.2	112.0	117.7	119.1	106.3	124.1
1963: February	107.4	81.9	101.1	101.7	95.7	107.4	106.8	107.6	112.2	118.2	119.2	105.3	124.7
1963: March.....	107.9	81.9	101.4	102.1	95.5	108.0	107.3	108.3	112.6	119.1	119.6	105.7	125.1
1963: April.....	108.2	83.0	104.1	102.6	95.4	107.9	107.7	108.0	112.8	119.0	119.8	105.6	125.3
1963: May.....	108.5	83.1	104.6	103.0	95.9	108.3	108.0	108.4	113.2	119.4	120.0	105.9	125.4
1963: June.....	108.8	83.0	105.5	102.9	96.1	108.6	108.7	108.6	113.2	120.2	120.3	106.1	125.8
1963: July.....	109.1	83.2	106.2	103.1	96.5	108.8	109.0	108.7	113.6	121.1	120.3	106.2	125.8
1963: August...	109.0	82.7	106.0	102.4	96.4	108.8	108.8	108.9	113.7	121.6	120.7	106.3	126.2

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

Table B-5: Employees on nonagricultural payrolls by industry, seasonally adjusted

(In thousands)

Industry division and group	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963	Dec. 1962	Nov. 1962	Oct. 1962	Sept. 1962	Aug. 1962
TOTAL	57,299	57,356	57,194	57,060	56,873	56,706	56,458	56,333	56,211	56,205	56,195	56,125	56,019
MINING	637	641	639	640	639	631	631	631	633	640	644	647	652
CONTRACT CONSTRUCTION	3,059	3,067	3,046	3,019	3,005	2,928	2,920	2,967	2,913	2,942	2,939	2,941	2,949
MANUFACTURING	16,993	17,110	17,075	17,095	17,037	16,948	16,872	16,871	16,851	16,858	16,910	16,921	16,867
DURABLE GOODS	9,624	9,706	9,685	9,683	9,660	9,586	9,546	9,542	9,518	9,509	9,543	9,542	9,492
Ordnance and accessories	278	278	278	276	274	278	279	280	279	280	280	279	279
Lumber and wood products	580	563	559	592	588	597	590	593	586	588	585	585	589
Furniture and fixtures	390	391	390	388	387	388	386	389	386	386	384	385	387
Stone, clay, and glass products	614	615	612	612	607	597	590	595	591	596	599	597	599
Primary metal industries	1,181	1,210	1,202	1,184	1,174	1,145	1,133	1,124	1,126	1,121	1,125	1,133	1,138
Fabricated metal products	1,159	1,159	1,156	1,151	1,148	1,136	1,131	1,125	1,127	1,125	1,127	1,133	1,128
Machinery	1,518	1,513	1,508	1,506	1,504	1,501	1,499	1,503	1,501	1,513	1,512	1,504	1,503
Electrical equipment	1,574	1,587	1,593	1,597	1,595	1,589	1,589	1,593	1,595	1,586	1,590	1,590	1,592
Transportation equipment	1,560	1,622	1,623	1,614	1,623	1,597	1,595	1,586	1,574	1,561	1,587	1,583	1,520
Instruments and related products	376	376	375	370	370	368	366	365	364	362	362	361	363
Miscellaneous manufacturing	394	392	389	393	390	390	388	389	389	391	392	392	394
NONDURABLE GOODS	7,369	7,404	7,390	7,412	7,377	7,362	7,326	7,329	7,333	7,349	7,357	7,379	7,375
Food and kindred products	1,720	1,729	1,732	1,743	1,738	1,757	1,747	1,752	1,756	1,745	1,751	1,760	1,756
Tobacco manufactures	92	87	88	89	90	89	89	89	91	92	93	93	93
Textile-mill products	888	890	889	889	891	892	890	891	893	896	898	898	900
Apparel and related products	1,292	1,318	1,306	1,317	1,296	1,286	1,273	1,268	1,265	1,266	1,273	1,274	1,270
Paper and allied products	627	623	620	620	618	619	617	617	616	615	616	616	617
Printing and publishing	938	936	936	934	929	910	907	910	908	928	929	931	928
Chemicals and allied products	866	871	868	864	862	859	856	853	851	851	851	850	848
Petroleum and related products	189	188	187	188	188	188	188	187	189	190	190	190	195
Rubber and plastic products	404	409	414	417	416	411	408	411	408	409	408	408	409
Leather and leather products	353	353	350	351	349	351	351	351	356	357	358	359	359
TRANSPORTATION AND PUBLIC UTILITIES	3,931	3,932	3,919	3,909	3,890	3,894	3,899	3,821	3,898	3,896	3,904	3,901	3,899
WHOLESALE AND RETAIL TRADE	11,887	11,880	11,864	11,825	11,784	11,795	11,729	11,685	11,629	11,637	11,627	11,637	11,620
WHOLESALE TRADE	3,150	3,157	3,148	3,129	3,119	3,106	3,093	3,085	3,072	3,069	3,075	3,079	3,071
RETAIL TRADE	8,737	8,723	8,716	8,696	8,665	8,689	8,636	8,600	8,557	8,568	8,552	8,558	8,549
FINANCE, INSURANCE, AND REAL ESTATE	2,877	2,873	2,865	2,864	2,853	2,848	2,839	2,834	2,822	2,821	2,817	2,807	2,804
SERVICE AND MISCELLANEOUS	8,379	8,348	8,282	8,228	8,199	8,144	8,207	8,110	8,079	8,063	8,044	8,019	8,017
GOVERNMENT	9,536	9,505	9,504	9,480	9,466	9,455	9,424	9,414	9,386	9,348	9,310	9,252	9,211
FEDERAL	2,354	2,351	2,349	2,345	2,339	2,340	2,332	2,353	2,349	2,353	2,342	2,341	2,346
STATE AND LOCAL	7,182	7,154	7,155	7,135	7,127	7,115	7,092	7,061	7,037	6,995	6,968	6,911	6,865

NOTE: Data for the 2 most recent months are preliminary.

Table B-6: Production workers on manufacturing payrolls, by industry, seasonally adjusted

(In thousands)

Major industry group	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963	Dec. 1962	Nov. 1962	Oct. 1962	Sept. 1962	Aug. 1962
MANUFACTURING	12,545	12,660	12,628	12,647	12,604	12,521	12,455	12,453	12,443	12,452	12,509	12,524	12,489
DURABLE GOODS	7,028	7,108	7,086	7,081	7,070	6,994	6,956	6,950	6,935	6,932	6,967	6,969	6,935
Ordnance and accessories	120	120	120	119	118	119	120	121	121	122	122	122	125
Lumber and wood products	519	501	498	498	528	538	531	533	525	527	523	523	526
Furniture and fixtures	323	326	325	323	322	322	321	323	321	320	319	319	322
Stone, clay, and glass products	495	497	493	492	489	480	474	476	474	480	483	481	483
Primary metal industries	961	987	977	962	952	922	911	900	901	897	899	907	911
Fabricated metal products	891	891	888	883	881	868	864	860	862	859	863	867	862
Machinery	1,052	1,046	1,042	1,040	1,041	1,038	1,038	1,045	1,044	1,054	1,057	1,048	1,049
Electrical equipment	1,049	1,061	1,069	1,068	1,067	1,061	1,059	1,063	1,065	1,062	1,064	1,066	1,070
Transportation equipment	1,064	1,122	1,122	1,112	1,123	1,099	1,094	1,085	1,080	1,066	1,091	1,091	1,038
Instruments and related products	240	241	240	237	236	234	233	233	231	230	231	230	232
Miscellaneous manufacturing	314	316	312	315	313	313	311	311	311	315	315	315	317
NONDURABLE GOODS	5,517	5,552	5,542	5,566	5,534	5,527	5,499	5,503	5,508	5,520	5,542	5,555	5,554
Food and kindred products	1,140	1,148	1,151	1,158	1,152	1,172	1,163	1,167	1,170	1,162	1,169	1,176	1,172
Tobacco manufactures	81	75	75	77	76	77	77	77	79	80	81	81	81
Textile mill products	794	797	797	798	800	800	799	800	802	804	806	808	810
Apparel and related products	1,145	1,169	1,160	1,171	1,153	1,141	1,130	1,125	1,123	1,125	1,130	1,134	1,128
Paper and allied products	494	491	489	488	486	488	486	487	486	484	487	486	487
Printing and publishing	595	594	594	595	591	581	579	582	581	594	596	596	596
Chemicals and allied products	524	528	527	525	524	521	521	519	516	518	519	520	520
Petroleum and related products	121	121	119	120	120	119	119	118	121	121	121	121	125
Rubber and plastic products	311	317	321	324	323	318	315	318	315	316	316	316	317
Leather and leather products	312	312	309	310	307	310	310	310	315	316	317	317	318

NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
STATE EMPLOYMENT**
Table B-7: Employees on nonagricultural payrolls, by industry division and State

(In thousands)

State	TOTAL			Mining			Contract construction		
	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
Alabama	802.9	807.3	788.3	9.0	8.9	9.9	43.0	42.1	44.0
Alaska	(1)	65.7	66.4	(1)	1.1	1.6	(1)	5.3	5.8
Arizona	368.3	370.4	359.3	15.0	15.4	15.5	28.8	28.7	32.6
Arkansas	405.1	404.4	400.8	5.6	5.6	5.5	25.7	25.4	26.3
California	5,434.2	5,419.9	5,245.7	30.8	30.6	30.6	329.9	324.8	313.1
Colorado	564.4	563.1	559.0	13.2	13.0	13.6	38.4	38.0	38.9
Connecticut	968.6	970.4	949.2	(2)	(2)	(2)	50.2	48.1	48.9
Delaware	164.0	163.7	158.2	(3)	(3)	(3)	12.3	11.9	12.0
District of Columbia	591.3	589.0	575.7	(3)	(3)	(3)	25.7	25.1	24.9
Florida	1,366.1	1,385.3	1,340.9	8.6	8.4	8.5	116.9	114.1	115.5
Georgia	1,132.1	1,133.2	1,098.9	5.8	5.9	5.6	63.9	64.4	63.6
Hawaii	208.4	204.6	207.4	(3)	(3)	(3)	15.2	15.1	15.8
Idaho	170.5	166.5	169.7	3.3	3.3	3.4	11.4	10.6	13.4
Illinois	3,620.0	3,641.9	3,574.9	27.9	28.0	27.9	168.6	166.4	172.5
Indiana	1,505.1	1,521.0	1,462.2	10.6	10.4	10.2	72.7	68.8	65.3
Iowa	703.0	705.8	687.8	3.8	3.7	3.9	40.4	39.0	37.9
Kansas	573.4	575.2	576.5	15.5	15.4	16.0	40.1	39.3	40.8
Kentucky	694.1	699.5	666.3	28.7	28.7	29.7	56.6	54.7	46.2
Louisiana	811.9	811.8	795.5	44.8	44.1	44.8	62.6	62.7	56.8
Maine	290.1	289.1	292.2	(3)	(3)	(3)	15.8	14.8	15.9
Maryland	989.7	997.4	953.6	2.5	2.5	2.5	76.3	74.5	75.5
Massachusetts	1,951.3	1,962.1	1,962.0	(3)	(3)	(3)	87.7	82.6	88.3
Michigan	2,382.9	2,402.9	2,319.0	13.9	13.8	14.0	109.4	102.8	100.5
Minnesota	1,013.8	1,014.3	998.1	14.9	14.8	15.6	66.5	63.8	64.7
Mississippi	436.0	436.2	423.5	6.5	6.5	6.6	26.4	26.6	24.5
Missouri	1,378.4	1,387.7	1,363.6	7.7	7.8	7.7	73.3	71.9	75.5
Montana	179.9	179.0	178.5	7.7	7.5	7.1	14.3	13.5	14.8
Nebraska	396.2	397.0	398.9	2.4	2.4	2.7	27.4	26.6	28.1
Nevada	140.2	139.6	129.0	3.0	3.0	3.0	15.8	15.6	11.6
New Hampshire	221.3	213.8	219.5	.3	.3	.4	11.9	11.5	12.1
New Jersey	2,125.2	2,123.7	2,104.7	3.8	3.7	3.6	106.9	103.0	106.1
New Mexico	249.3	250.2	242.7	18.2	18.2	17.2	18.6	18.0	18.3
New York	6,320.2	6,344.5	6,289.7	9.3	9.0	8.8	292.3	288.9	297.5
North Carolina	1,258.8	1,263.5	1,244.1	2.9	2.8	3.5	74.6	73.1	73.6
North Dakota	133.8	134.1	132.0	1.7	1.7	1.9	13.9	13.3	13.3
Ohio	3,154.6	3,174.8	3,108.7	19.9	19.8	19.8	151.0	142.4	149.0
Oklahoma	605.8	609.8	604.6	43.0	43.1	43.9	34.9	34.2	36.9
Oregon	541.8	545.3	528.0	1.5	1.4	1.5	33.2	31.5	25.4
Pennsylvania	3,726.0	3,721.0	3,708.6	49.7	46.5	51.1	163.2	150.6	174.5
Rhode Island	294.3	297.0	297.1	(3)	(3)	(3)	14.0	13.5	13.8
South Carolina	614.9	613.0	604.1	1.6	1.6	1.6	37.3	36.5	35.9
South Dakota	155.6	158.1	155.6	2.7	2.7	2.6	13.7	13.8	16.3
Tennessee	987.1	990.7	967.8	6.3	6.5	7.0	54.9	54.4	55.1
Texas	2,712.5	2,703.5	2,639.7	121.4	122.3	122.7	196.5	191.9	181.8
Utah	298.9	301.2	291.8	12.1	12.1	13.2	20.8	20.5	20.4
Vermont	117.2	113.0	117.0	1.2	1.3	1.3	7.0	6.7	7.0
Virginia	1,108.0	1,115.5	1,080.4	15.9	15.9	15.6	89.2	88.2	82.4
Washington	849.1	852.6	876.5	2.1	2.0	2.0	47.4	46.8	44.6
West Virginia	447.1	449.9	446.5	45.9	46.2	48.0	20.0	19.7	18.2
Wisconsin	1,250.3	1,247.5	1,226.6	3.0	3.0	3.6	61.0	59.0	59.5
Wyoming	107.3	103.2	104.5	8.4	8.5	9.1	13.7	12.8	11.6

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE EMPLOYMENT**

Table B-7: Employees on nonagricultural payrolls, by industry division and State--Continued

State	(In thousands)								
	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
Alabama.....	246.2	245.9	240.4	49.4	50.3	48.6	158.3	159.0	153.7
Alaska.....	(1)	8.0	9.8	(1)	7.6	8.0	(1)	8.9	8.9
Arizona.....	57.4	58.0	55.3	25.3	25.3	24.9	88.1	88.2	84.1
Arkansas.....	115.2	114.8	114.6	28.3	28.4	28.2	87.5	87.2	85.6
California.....	1,422.8	1,407.1	1,400.0	375.0	368.9	364.4	1,166.5	1,166.8	1,126.5
Colorado.....	94.1	93.0	94.5	44.8	44.5	44.9	132.0	131.3	131.2
Connecticut.....	416.9	422.7	410.5	43.6	45.0	44.7	171.5	171.2	168.0
Delaware.....	60.1	59.6	56.6	10.7	10.7	10.4	30.9	31.3	30.3
District of Columbia.....	20.7	20.8	20.3	31.3	30.8	30.4	86.2	85.8	85.2
Florida.....	216.8	218.6	217.3	98.8	101.3	95.6	359.8	360.8	356.9
Georgia.....	357.3	355.9	347.5	75.4	75.3	72.7	234.1	233.4	228.9
Hawaii.....	35.5	31.9	34.6	15.2	15.3	15.5	45.5	45.4	45.0
Idaho.....	31.6	30.5	31.6	14.6	14.5	14.5	41.6	41.4	40.7
Illinois.....	1,215.0	1,219.4	1,204.2	275.7	275.3	276.2	755.4	756.9	746.3
Indiana.....	611.1	618.9	597.3	90.4	90.2	89.8	296.9	297.9	291.3
Iowa.....	179.3	180.2	174.5	49.7	49.6	50.9	174.3	174.0	171.8
Kansas.....	114.6	114.0	119.3	52.2	52.0	52.7	134.0	134.1	132.9
Kentucky.....	174.9	177.1	168.0	51.5	51.1	51.1	147.2	147.1	141.3
Louisiana.....	146.6	145.9	140.1	77.8	77.1	78.0	178.2	178.2	180.4
Maine.....	107.2	108.0	109.1	17.7	17.9	18.1	55.0	54.0	55.1
Maryland.....	265.9	264.5	260.4	71.7	71.8	70.0	214.1	217.2	202.9
Massachusetts.....	651.5	666.5	675.9	101.9	101.8	102.2	394.8	401.6	396.1
Michigan.....	950.4	972.9	926.6	131.0	131.1	131.8	434.9	437.2	448.4
Minnesota.....	247.3	241.3	243.8	79.5	78.7	80.9	241.3	242.1	238.1
Mississippi.....	134.2	132.4	129.2	25.4	24.6	25.4	87.1	86.9	85.7
Missouri.....	395.9	395.0	389.7	117.4	117.0	116.4	312.2	314.7	312.9
Montana.....	22.2	22.5	23.0	18.5	18.5	18.9	41.1	40.7	40.9
Nebraska.....	67.1	67.3	69.8	36.3	36.1	37.4	97.2	97.7	98.0
Nevada.....	6.7	6.7	5.7	11.2	11.1	10.3	25.2	24.6	23.6
New Hampshire.....	86.2	87.2	88.7	10.0	9.9	9.9	39.8	38.6	37.0
New Jersey.....	794.7	800.7	810.5	153.9	153.3	151.3	411.6	408.8	398.1
New Mexico.....	17.7	17.6	17.8	19.6	19.5	19.5	53.5	53.2	51.2
New York.....	1,819.9	1,827.7	1,838.6	471.6	470.1	472.1	1,275.5	1,289.9	1,267.2
North Carolina.....	522.9	525.0	522.5	67.3	67.5	64.8	227.1	228.4	223.2
North Dakota.....	6.7	6.6	6.7	12.3	12.2	12.5	37.0	37.3	36.2
Ohio.....	1,230.4	1,238.7	1,206.3	198.4	198.8	199.9	609.3	608.2	611.3
Oklahoma.....	90.3	90.0	91.4	47.5	47.7	48.0	140.1	140.6	140.8
Oregon.....	139.0	139.5	147.5	44.8	44.7	44.2	121.5	119.7	117.7
Pennsylvania.....	1,406.0	1,411.6	1,394.8	264.4	264.4	263.7	680.5	680.1	681.3
Rhode Island.....	114.9	116.6	118.3	15.0	15.0	14.8	54.0	54.7	53.8
South Carolina.....	266.5	266.0	260.5	26.7	26.6	25.8	104.8	104.6	104.9
South Dakota.....	15.6	15.3	13.9	10.1	10.0	10.4	40.5	40.1	41.1
Tennessee.....	337.9	337.5	331.5	56.0	56.0	54.9	198.2	198.8	195.8
Texas.....	513.7	512.4	505.4	226.6	224.4	221.6	672.3	668.9	659.7
Utah.....	56.6	55.6	55.6	22.4	22.2	22.6	66.5	66.6	64.6
Vermont.....	35.1	35.4	36.5	7.1	7.1	7.1	21.8	21.6	21.7
Virginia.....	290.7	291.5	291.0	83.6	84.4	81.1	228.8	228.0	224.6
Washington.....	219.0	216.9	243.4	61.9	61.2	63.4	188.6	186.5	192.7
West Virginia.....	123.8	124.7	124.5	41.5	41.7	41.5	80.4	80.8	80.1
Wisconsin.....	472.4	462.3	466.8	72.7	74.1	73.2	250.6	251.3	245.9
Wyoming.....	7.4	7.3	7.3	11.2	11.1	11.6	22.6	21.9	22.7

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE EMPLOYMENT**
Table B-7: Employees on nonagricultural payrolls, by industry division and State--Continued

State	(In thousands)								
	Finance, insurance, and real estate			Service and miscellaneous			Government		
	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
Alabama	34.1	33.9	33.8	101.2	101.1	97.2	161.7	166.1	160.7
Alaska	(1)	1.8	1.7	(1)	6.5	6.6	(1)	26.5	24.0
Arizona	19.3	19.3	18.5	57.4	57.2	54.5	77.0	78.3	73.9
Arkansas	15.6	15.7	15.5	51.6	51.3	51.3	75.6	76.0	73.8
California	285.0	282.8	273.6	841.4	837.3	794.5	982.8	1,007.6	943.0
Colorado	27.9	27.9	28.2	91.6	90.2	89.6	122.4	125.2	118.1
Connecticut	56.8	56.2	56.1	128.0	125.7	123.3	101.7	101.4	97.8
Delaware	6.5	6.4	6.5	22.8	22.7	22.9	20.7	21.1	19.5
District of Columbia ⁵	30.6	30.3	29.5	99.1	100.1	98.5	297.7	296.1	286.9
Florida	90.8	90.3	88.8	235.1	235.5	226.8	239.3	256.3	231.5
Georgia	54.8	54.0	53.3	133.5	132.8	127.3	207.3	211.5	200.0
Hawaii	11.0	11.0	10.9	33.8	33.7	33.7	52.2	52.2	51.9
Idaho ⁴	6.6	6.6	6.4	22.0	21.7	21.9	39.4	37.9	37.8
Illinois	199.9	198.2	197.2	541.2	539.3	522.9	436.3	458.3	427.7
Indiana	63.4	62.9	61.9	156.1	158.6	151.2	204.0	213.2	195.3
Iowa	34.4	34.1	33.8	101.0	103.0	97.6	120.1	122.1	117.4
Kansas	24.8	24.9	24.6	76.5	76.8	75.1	115.7	118.7	115.1
Kentucky	27.3	27.2	27.2	90.8	90.2	88.5	117.1	123.4	114.4
Louisiana	37.5	37.3	36.6	113.0	112.9	109.1	151.4	153.6	149.7
Maine	9.9	9.8	9.7	34.8	33.0	34.8	49.7	51.6	49.5
Maryland ⁵	50.0	49.5	48.0	151.1	152.7	141.9	158.1	164.7	152.4
Massachusetts	106.1	104.6	105.9	338.5	336.5	331.1	270.8	268.5	262.5
Michigan	91.1	90.7	87.7	303.7	298.6	283.8	348.5	355.9	326.2
Minnesota	51.4	51.1	51.7	150.9	154.8	146.2	162.0	167.8	157.1
Mississippi	15.4	15.4	15.2	50.0	49.8	49.0	91.0	94.0	87.8
Missouri	75.2	74.7	73.9	193.8	196.5	192.3	202.9	210.1	195.2
Montana	7.1	7.1	6.9	25.7	25.5	25.5	43.3	43.7	41.4
Nebraska	24.2	24.1	24.3	59.7	60.3	58.6	81.9	82.6	79.8
Nevada	5.1	5.0	4.5	50.0	50.0	48.5	23.2	23.6	21.8
New Hampshire	7.7	7.6	7.5	41.6	33.9	41.0	23.8	24.7	22.9
New Jersey	96.3	95.1	95.3	302.8	297.2	290.2	255.2	261.9	249.6
New Mexico	10.8	10.7	10.5	43.4	43.5	42.3	67.5	69.5	65.9
New York	514.9	509.6	512.7	1,056.3	1,054.7	1,035.2	880.2	894.5	857.6
North Carolina	49.6	49.2	47.7	140.0	140.0	137.6	174.4	177.5	171.2
North Dakota	6.3	6.3	6.1	22.2	22.5	22.1	33.8	34.4	33.4
Ohio	129.0	127.9	127.4	396.0	402.3	383.0	420.6	436.6	411.9
Oklahoma	28.9	29.2	29.1	82.5	82.9	80.0	138.6	142.1	134.5
Oregon	24.4	24.0	23.0	74.8	75.2	71.6	102.6	109.3	97.1
Pennsylvania	160.3	157.2	159.1	545.3	541.2	531.8	456.6	469.4	452.3
Rhode Island	13.6	13.5	13.3	42.1	42.6	42.3	40.7	41.1	40.8
South Carolina	24.4	24.3	23.5	60.0	59.7	59.6	93.6	93.7	92.3
South Dakota	6.7	6.8	6.7	24.9	24.7	24.2	41.5	44.9	40.6
Tennessee	44.2	44.0	43.1	134.5	134.6	130.6	155.1	158.9	149.8
Texas	144.4	143.8	138.3	374.8	373.1	365.1	460.8	466.7	445.1
Utah	12.7	12.6	12.6	39.1	40.6	36.9	68.7	71.0	65.9
Vermont	4.4	4.3	4.2	23.4	19.4	22.5	17.3	17.4	16.8
Virginia ⁵	50.7	50.0	49.0	146.5	145.8	139.3	202.6	211.7	197.4
Washington	43.2	43.0	43.0	115.5	114.6	118.4	171.4	181.6	169.0
West Virginia	13.5	13.5	13.6	53.8	54.1	53.6	68.2	69.4	67.0
Wisconsin	48.8	48.3	48.6	158.8	160.2	154.8	182.9	189.5	174.3
Wyoming	3.1	3.1	3.2	16.8	14.6	16.0	24.1	23.9	23.0

¹Not available.

²Combined with construction.

³Combined with service.

⁴Revised series; not strictly comparable with previously published data.

⁵Federal employment in the Maryland and Virginia sectors of the District of Columbia metropolitan area is included in data for District of Columbia.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division

(In thousands)

Industry division	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
	ALABAMA						ARIZONA					
	Birmingham			Mobile			Phoenix			Tucson		
TOTAL	200.0	200.1	195.8	92.7	92.5	90.0	204.8	205.3	196.8	79.9	81.4	80.2
Mining.....	4.1	4.1	5.3	(1)	(1)	(1)	.2	.2	.4	3.2	3.2	3.4
Contract construction..	11.2	11.1	11.3	5.5	5.6	4.7	15.2	15.1	14.9	8.7	8.8	11.9
Manufacturing.....	61.2	61.8	58.0	17.4	16.8	15.5	40.3	40.7	38.6	10.1	10.2	9.7
Trans. and pub. util...	16.0	15.9	15.5	9.4	9.6	9.3	13.8	13.8	13.7	5.5	5.5	5.2
Trade.....	47.3	47.1	47.1	19.9	20.0	19.5	52.8	53.0	50.7	18.0	18.1	17.1
Finance.....	14.1	14.1	14.0	4.1	4.1	4.0	14.0	14.0	13.6	3.5	3.5	3.1
Service.....	25.2	25.0	24.6	11.5	11.4	11.3	32.7	32.3	30.8	13.9	14.1	13.6
Government.....	20.9	21.0	20.0	24.9	25.0	25.7	35.8	36.2	34.1	17.0	18.0	16.2
	ARKANSAS											
	Fayetteville			Fort Smith			Little Rock - N. Little Rock			Pine Bluff		
TOTAL	15.1	15.3	14.9	28.4	28.2	27.7	88.0	87.8	85.8	18.8	18.7	18.3
Mining.....	(1)	(1)	(1)	.3	.3	.2	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	1.2	1.3	.9	1.9	2.0	1.4	7.2	7.1	6.5	1.2	1.1	1.3
Manufacturing.....	4.3	4.5	4.5	10.4	10.4	10.4	16.7	16.8	15.8	5.4	5.4	5.3
Trans. and pub. util...	1.3	1.3	1.2	1.9	1.9	1.9	7.7	7.7	7.8	2.5	2.5	2.5
Trade.....	3.3	3.3	3.3	6.7	6.5	6.5	19.3	19.3	19.1	3.6	3.6	3.6
Finance.....	.4	.5	.4	.8	.9	.8	6.9	6.8	6.6	.7	.7	.7
Service.....	1.7	1.7	1.7	3.4	3.4	3.5	13.2	13.2	13.3	1.7	1.7	1.7
Government.....	2.8	2.8	2.9	2.9	2.9	3.1	17.1	17.0	16.7	3.8	3.7	3.4
	CALIFORNIA											
	Bakersfield			Fresno			Los Angeles - Long Beach			Sacramento		
TOTAL	75.4	76.9	73.8	94.9	92.9	92.5	2,614.6	2,609.7	2,523.0	181.4	184.2	175.7
Mining.....	7.1	6.9	7.1	1.1	1.1	.9	12.2	12.1	12.0	.2	.2	.2
Contract construction..	4.0	4.0	4.0	5.7	5.6	5.2	144.6	142.6	138.3	12.3	12.1	11.1
Manufacturing.....	7.4	7.5	7.0	15.3	15.0	15.0	854.3	850.2	839.2	32.2	33.3	30.5
Trans. and pub. util...	5.9	6.1	6.0	7.9	7.7	7.8	151.7	149.2	145.0	13.0	12.8	12.8
Trade.....	17.3	17.9	17.0	27.8	26.8	27.5	562.8	561.1	539.4	34.9	35.0	34.6
Finance.....	2.6	2.6	2.5	4.0	4.0	4.1	142.3	140.6	135.9	7.9	7.9	7.6
Service.....	11.0	11.3	10.3	14.4	13.9	14.1	413.6	411.7	394.3	19.7	19.7	18.5
Government.....	20.1	20.6	19.9	18.7	18.8	17.9	333.1	342.2	318.9	61.2	63.2	60.4
	CALIFORNIA - Continued											
	San Bernardino - Riverside - Ontario			San Diego			San Francisco - Oakland			San Jose		
TOTAL	209.4	212.2	202.5	263.8	263.5	259.7	1,066.5	1,066.0	1,038.1	251.1	244.0	234.0
Mining.....	1.6	1.5	1.4	.5	.5	.5	1.8	1.8	1.8	.1	.1	.1
Contract construction..	16.7	16.5	15.6	17.4	17.2	15.7	67.2	66.0	62.1	19.1	18.5	17.0
Manufacturing.....	36.8	36.6	37.3	57.1	57.0	61.1	202.2	200.2	201.1	89.4	82.5	88.2
Trans. and pub. util...	15.7	15.4	15.5	14.3	14.2	14.1	108.2	105.9	106.2	10.5	10.1	9.9
Trade.....	45.9	46.0	43.8	55.4	55.2	53.3	234.3	232.8	226.0	42.1	41.9	38.9
Finance.....	8.0	8.0	7.5	11.7	11.7	11.2	79.8	79.9	77.2	9.3	9.2	8.7
Service.....	31.1	31.5	29.1	44.8	43.9	42.4	156.7	157.1	151.4	44.8	45.1	38.8
Government.....	53.6	56.7	52.3	62.6	63.8	61.4	216.3	222.3	212.3	35.8	36.6	32.4
	CALIFORNIA - Continued			COLORADO			CONNECTICUT					
	Stockton			Denver			Bridgeport			Hartford		
TOTAL	65.3	67.4	63.7	371.3	369.7	367.1	129.3	130.0	125.1	256.7	257.2	251.2
Mining.....	.2	.2	.2	3.5	3.5	3.9	(2)	(2)	(2)	(2)	(2)	(2)
Contract construction..	3.8	3.6	3.6	28.0	27.5	29.0	5.7	5.5	5.7	13.0	12.5	12.4
Manufacturing.....	12.9	12.8	12.8	70.2	69.8	70.1	69.3	69.4	66.0	92.7	92.9	92.2
Trans. and pub. util...	5.5	5.7	5.6	31.2	30.9	31.0	5.6	5.7	5.7	9.4	9.6	9.2
Trade.....	16.3	17.1	15.7	89.0	88.4	88.1	21.8	22.2	21.3	48.8	49.5	46.5
Finance.....	2.2	2.2	2.1	21.4	21.4	21.5	3.7	3.7	3.7	33.6	33.2	33.1
Service.....	8.7	9.3	8.3	62.9	61.5	59.6	13.4	13.5	12.9	33.1	33.1	31.7
Government.....	15.7	16.5	15.4	65.1	66.7	63.9	9.9	10.0	9.9	26.2	26.3	26.2

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**
Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

Industry division	(In thousands)											
	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
CONNECTICUT - Continued												
	New Britain			New Haven			Stamford			Waterbury		
TOTAL.....	40.2	40.5	40.1	129.0	129.2	126.8	64.6	64.7	64.2	68.2	68.9	67.5
Mining.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Contract construction..	1.6	1.5	1.5	8.2	8.0	8.2	4.0	3.9	4.2	2.2	2.1	2.1
Manufacturing.....	23.1	23.3	23.3	42.3	42.3	41.1	24.4	24.3	24.5	37.9	38.3	37.7
Trans. and pub. util...	1.8	1.8	1.8	12.4	12.5	12.6	2.7	2.7	2.7	2.9	2.9	2.8
Trade.....	5.9	5.9	5.7	24.7	25.0	24.6	13.1	13.3	12.9	9.7	9.9	9.6
Finance.....	.9	.9	.9	7.1	7.0	6.8	2.7	2.7	2.6	1.7	1.7	1.7
Service.....	4.0	4.0	3.9	22.2	22.3	21.9	12.1	12.1	11.9	7.9	7.9	7.8
Government.....	3.0	3.1	3.0	12.2	12.0	11.5	5.6	5.7	5.4	6.0	6.1	5.7
DELAWARE												
DISTRICT OF COLUMBIA												
FLORIDA												
	Wilmington			Washington			Jacksonville			Miami		
TOTAL.....	141.3	140.3	135.8	836.8	834.0	809.4	150.2	150.5	149.2	317.5	317.5	304.7
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	9.7	9.6	9.5	67.6	65.6	60.9	11.0	10.7	11.2	19.6	19.4	19.6
Manufacturing.....	58.5	57.7	55.2	38.5	38.2	37.6	21.0	21.2	21.7	43.6	44.7	45.1
Trans. and pub. util...	8.5	8.4	8.6	48.1	47.5	46.3	15.5	15.4	15.5	33.8	33.7	27.1
Trade.....	25.1	25.3	24.3	157.7	157.4	155.6	42.9	42.7	42.2	88.1	88.2	87.9
Finance.....	5.5	5.4	5.5	46.5	46.0	44.8	14.2	14.0	14.0	23.2	23.1	23.2
Service.....	19.1	18.9	19.0	150.4	151.8	148.2	21.0	21.0	20.7	66.0	65.3	64.9
Government.....	14.9	15.0	13.8	328.0	327.5	316.0	24.6	25.5	23.9	43.2	43.1	36.9
FLORIDA - Continued												
GEORGIA												
HAWAII												
	Tampa - St. Petersburg			Atlanta			Savannah			Honolulu		
TOTAL.....	204.6	208.8	201.2	414.2	413.2	395.9	54.5	54.4	52.9	176.9	174.4	174.7
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	19.8	19.7	18.7	25.7	25.7	24.2	4.5	4.3	3.4	13.4	13.3	13.8
Manufacturing.....	36.8	37.3	36.2	95.1	94.9	90.0	14.2	14.1	14.3	26.6	24.3	24.6
Trans. and pub. util...	13.1	14.8	14.4	39.2	38.7	36.4	6.1	6.3	6.3	12.9	13.1	13.3
Trade.....	60.4	60.3	58.3	104.9	104.6	103.0	11.4	11.4	11.6	39.2	39.2	38.5
Finance.....	13.0	12.9	12.7	30.9	30.4	29.9	3.1	3.1	2.9	10.3	10.2	10.2
Service.....	33.2	33.6	32.1	59.1	58.6	56.2	7.2	7.0	7.1	29.5	29.3	29.4
Government.....	28.3	30.2	28.8	59.3	60.3	56.2	8.0	8.2	7.3	45.0	45.0	44.9
IDAHO												
ILLINOIS												
INDIANA												
	Boise			Chicago			Evansville			Fort Wayne		
TOTAL.....	29.6	29.4	28.4	2,532.4	2,539.0	2,509.7	66.4	66.7	64.7	90.3	89.9	90.9
Mining.....	(1)	(1)	(1)	6.4	6.4	6.8	1.6	1.6	1.7	(1)	(1)	(1)
Contract construction..	2.0	2.1	2.0	117.8	115.2	116.3	3.0	2.8	2.7	4.5	4.4	4.6
Manufacturing.....	2.7	2.7	2.9	862.6	867.8	859.6	25.9	26.2	24.5	37.0	36.5	38.2
Trans. and pub. util...	2.8	2.8	2.8	197.1	196.1	196.8	4.3	4.3	4.4	7.2	7.2	7.0
Trade.....	8.7	8.6	8.1	529.1	530.9	530.0	14.6	14.5	14.4	19.5	19.6	19.1
Finance.....	2.1	2.1	1.9	159.1	157.1	156.9	2.4	2.4	2.4	4.9	4.8	4.8
Service.....	4.3	4.3	4.2	406.2	404.3	394.4	8.8	8.8	8.8	10.1	10.1	10.1
Government.....	7.0	6.8	6.5	254.1	261.1	249.0	5.8	6.1	5.8	7.1	7.3	7.1
INDIANA - Continued												
IOWA												
KANSAS												
	Indianapolis			South Bend			Des Moines			Topeka		
TOTAL.....	307.6	308.0	302.9	77.9	81.1	77.4	105.8	104.9	104.4	49.9	50.4	49.6
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	.2	.1	.2
Contract construction..	15.2	14.2	15.2	3.2	3.0	3.1	4.4	3.5	4.7	3.7	3.7	3.2
Manufacturing.....	104.7	104.7	102.3	32.6	35.7	32.8	22.4	22.2	21.8	6.8	6.9	6.9
Trans. and pub. util...	21.9	21.8	21.7	3.8	3.8	3.8	8.4	8.4	8.6	7.0	7.0	7.0
Trade.....	67.3	67.9	66.5	16.0	15.8	16.1	27.5	27.7	27.3	9.9	9.9	10.0
Finance.....	21.1	20.9	21.0	4.4	4.4	4.2	12.1	12.0	11.9	2.9	2.9	2.8
Service.....	33.6	33.8	33.0	11.5	11.8	11.2	15.9	16.1	15.4	7.2	7.3	7.2
Government.....	43.8	44.7	43.2	6.4	6.6	6.2	15.1	15.2	14.9	12.3	12.8	12.6

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

(In thousands)

Industry division	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
	KANSAS - Continued			KENTUCKY			LOUISIANA					
	Wichita			Louisville			Baton Rouge			New Orleans		
TOTAL	116.7	116.9	120.0	252.4	253.4	247.9	69.3	69.7	69.5	291.9	291.7	283.7
Mining.....	1.5	1.5	1.5	(1)	(1)	(1)	.3	.3	.4	9.3	9.1	9.1
Contract construction..	6.0	5.9	6.2	15.6	14.7	15.6	6.5	6.2	6.9	17.8	18.2	18.4
Manufacturing.....	40.3	40.2	43.6	86.5	87.0	83.9	15.7	15.8	16.2	49.2	48.6	43.5
Trans. and pub. util...	6.3	6.4	6.5	20.4	20.1	20.3	4.4	4.4	4.4	40.8	40.0	39.8
Trade.....	26.5	26.3	26.2	54.8	54.9	54.4	14.9	14.9	14.7	70.6	71.1	70.4
Finance.....	6.0	6.0	5.9	13.2	13.1	12.8	3.7	3.7	3.7	18.3	18.2	18.1
Service.....	16.8	16.9	16.6	35.6	35.9	34.7	8.8	8.8	8.7	47.9	48.0	47.2
Government.....	13.5	13.9	13.7	26.3	27.8	26.1	15.0	15.6	14.5	38.1	38.5	37.2
	LOUISIANA - Continued			MAINE			MARYLAND					
	Shreveport			Lewiston - Auburn			Portland			Baltimore		
TOTAL	75.5	75.3	74.2	25.6	25.9	26.6	53.6	53.3	53.9	639.1	645.4	621.5
Mining.....	5.4	5.4	5.8	(1)	(1)	(1)	(1)	(1)	(1)	.9	.9	.9
Contract construction..	6.4	6.5	5.8	1.3	1.2	1.3	3.0	2.8	2.8	42.5	41.1	42.3
Manufacturing.....	9.5	9.6	9.2	12.6	12.9	13.7	13.2	12.9	13.9	192.8	193.3	189.0
Trans. and pub. util...	8.6	8.6	8.6	.9	.9	.9	5.4	5.5	5.5	52.6	52.7	51.9
Trade.....	20.1	20.0	19.6	5.0	5.1	4.9	14.3	14.1	14.4	133.5	135.3	127.3
Finance.....	3.9	3.9	3.9	.9	.8	.8	4.0	4.0	3.9	34.6	34.3	33.6
Service.....	10.2	10.2	10.4	3.3	3.3	3.4	8.9	8.8	8.9	91.5	93.2	88.1
Government.....	11.4	11.2	10.8	1.6	1.7	1.6	4.8	5.2	4.5	90.7	94.6	88.4
	MASSACHUSETTS											
	Boston			Fall River			New Bedford			Springfield - Chicopee - Holyoke		
TOTAL	1,098.5	1,104.1	1,094.7	42.1	42.9	42.5	50.6	51.1	50.8	170.8	173.6	175.0
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	53.7	50.4	53.1	(1)	(1)	(1)	1.8	1.7	1.8	6.5	5.9	6.2
Manufacturing.....	283.6	287.8	292.2	22.7	23.4	23.0	25.8	26.6	26.6	65.5	68.4	69.7
Trans. and pub. util...	65.5	65.4	65.0	1.6	1.6	1.7	2.3	2.3	2.2	8.1	8.1	8.6
Trade.....	239.9	244.1	239.6	7.6	7.7	7.6	9.0	9.1	8.7	34.4	34.8	33.6
Finance.....	76.1	75.3	76.8	(1)	(1)	(1)	(1)	(1)	(1)	8.7	8.5	8.8
Service.....	229.2	231.4	222.2	6.9	6.9	6.9	7.5	7.3	7.3	26.4	26.7	26.9
Government.....	150.5	149.7	145.8	3.3	3.3	3.3	4.2	4.1	4.2	21.2	21.2	21.2
	MASSACHUSETTS - Continued			MICHIGAN								
	Warcester			Detroit			Flint			Grand Rapids		
TOTAL	113.3	114.5	116.6	1,203.4	1,210.2	1,158.4	124.0	125.7	123.1	120.5	122.2	118.9
Mining.....	(1)	(1)	(1)	.7	.7	.7	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	5.0	4.8	5.0	48.6	45.6	46.4	4.5	4.3	4.7	7.1	7.0	7.2
Manufacturing.....	46.4	47.2	50.3	485.4	496.7	465.4	71.9	73.5	71.2	50.5	51.5	49.2
Trans. and pub. util...	4.3	4.4	4.2	68.1	68.0	68.5	4.3	4.3	4.5	8.3	8.3	8.6
Trade.....	20.6	21.1	21.1	229.2	231.1	231.0	18.1	18.2	18.1	25.4	25.6	24.8
Finance.....	5.5	5.4	5.4	56.3	56.2	54.2	2.8	2.8	2.7	5.2	4.9	5.0
Service.....	17.2	17.3	16.7	173.7	171.2	157.1	11.3	11.2	11.0	14.5	15.0	14.8
Government.....	14.3	14.3	13.9	141.4	140.8	135.1	11.1	11.4	11.0	9.4	9.9	9.3
	MICHIGAN - Continued			MINNESOTA								
	Lansing			Muskegon - Muskegon Heights			Saginaw			Duluth - Superior		
TOTAL	92.6	94.6	90.9	46.2	47.2	46.5	56.3	56.5	55.3	50.9	49.9	50.0
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.6	4.2	4.5	1.4	1.4	1.4	2.9	3.0	2.9	2.4	2.2	2.6
Manufacturing.....	30.0	30.4	29.4	24.8	25.5	25.4	24.9	25.3	24.8	9.4	9.2	8.3
Trans. and pub. util...	3.1	3.2	3.3	2.5	2.4	2.5	4.6	4.5	4.5	8.8	8.5	8.9
Trade.....	16.7	16.9	16.1	7.5	7.4	7.3	11.3	11.3	10.9	11.3	11.1	11.6
Finance.....	3.4	3.4	3.3	1.1	1.1	1.1	1.5	1.5	1.5	2.1	2.1	2.1
Service.....	9.8	9.9	9.5	4.5	4.6	4.5	6.2	6.3	6.1	9.3	9.1	9.2
Government.....	24.9	26.7	24.8	4.4	4.7	4.3	4.8	4.6	4.7	7.5	7.7	7.2

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**
Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

(In thousands)

Industry division	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
	MINNESOTA - Continued			MISSISSIPPI			MISSOURI					
	Minneapolis - St. Paul			Jackson			Kansas City			St. Louis		
TOTAL	598.3	603.5	590.0	69.7	69.9	69.7	400.3	399.4	395.5	737.2	741.3	726.3
Mining.....	(1)	(1)	(1)	1.0	1.0	1.1	.6	.6	.7	2.7	2.7	2.6
Contract construction..	37.3	36.1	37.1	4.8	4.7	5.2	23.2	22.5	21.3	31.9	35.5	39.4
Manufacturing.....	159.3	159.3	158.2	11.3	11.3	12.1	108.5	107.7	109.1	260.8	260.2	251.7
Trans. and pub. util...	49.7	49.3	50.3	4.7	4.6	4.7	42.0	41.9	41.7	62.7	62.9	63.1
Trade.....	145.6	146.2	143.4	16.4	16.3	16.1	100.1	100.4	99.2	152.5	153.7	150.2
Finance.....	38.6	38.3	38.8	5.3	5.3	5.3	27.2	27.1	27.0	39.4	39.3	39.2
Service.....	93.2	95.5	90.2	10.7	10.7	10.6	53.3	53.3	52.7	105.0	104.4	101.0
Government.....	74.6	78.5	72.0	15.4	15.8	14.6	45.4	45.9	43.8	82.2	82.6	79.1
	MONTANA			NEBRASKA			NEVADA					
	Billings			Great Falls			Omaha			Reno		
TOTAL	23.5	23.4	23.4	23.9	24.3	25.0	167.4	168.0	169.0	41.2	40.3	37.4
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(3)	(3)	(3)
Contract construction..	1.7	1.8	1.7	2.6	2.5	3.4	12.2	11.9	12.7	4.6	4.5	3.7
Manufacturing.....	2.5	2.4	2.5	3.7	4.3	4.4	35.4	35.3	36.3	2.4	2.4	2.2
Trans. and pub. util...	2.5	2.6	2.7	2.2	2.2	2.3	20.1	20.0	20.4	3.8	3.7	3.5
Trade.....	7.3	7.2	7.4	6.0	6.0	5.7	39.6	39.7	39.5	8.5	8.3	7.9
Finance.....	1.3	1.3	1.3	1.2	1.2	1.2	13.7	13.6	13.9	1.8	1.8	1.7
Service.....	4.4	4.3	4.2	4.1	4.0	3.9	25.5	26.2	25.4	13.5	12.8	12.2
Government.....	3.8	3.8	3.6	4.1	4.1	4.1	21.2	21.4	20.8	6.6	6.8	6.2
	NEW HAMPSHIRE			NEW JERSEY								
	Manchester			Jersey City ⁴			Newark ⁴			Paterson - Clifton - Passaic ⁴		
TOTAL	42.8	43.3	42.5	254.1	254.4	258.7	676.5	678.2	671.0	390.9	392.8	384.3
Mining.....	(1)	(1)	(1)	-	-	-	.8	.8	.9	.4	.4	.4
Contract construction..	2.4	2.3	2.6	6.4	6.2	6.0	31.7	30.5	31.8	22.7	21.7	23.4
Manufacturing.....	16.6	16.8	16.9	115.6	114.9	119.8	236.1	237.8	241.2	165.7	167.7	167.9
Trans. and pub. util...	2.8	2.8	2.8	36.5	36.4	37.2	50.2	50.1	49.2	23.1	23.4	21.9
Trade.....	9.1	9.2	8.6	35.7	36.5	36.6	134.9	135.8	130.4	83.3	83.6	78.2
Finance.....	2.5	2.5	2.5	9.4	9.2	8.9	46.5	46.0	46.7	13.7	13.5	13.3
Service.....	6.0	6.2	5.8	23.8	24.1	23.5	104.2	103.4	100.4	47.8	47.8	46.2
Government.....	3.5	3.5	3.3	26.7	27.1	26.7	72.1	73.8	70.4	34.2	34.7	33.0
	NEW JERSEY - Continued			NEW MEXICO			NEW YORK					
	Perth Amboy ⁴			Trenton			Albuquerque			Albany - Schenectady - Troy		
TOTAL	190.6	192.1	188.2	111.8	112.3	107.8	88.9	89.3	84.0	230.0	231.1	230.6
Mining.....	.8	.8	.8	.1	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	11.2	10.8	10.8	4.9	4.7	4.4	8.3	8.0	7.0	10.4	9.2	9.2
Manufacturing.....	88.0	88.4	88.4	37.8	38.4	36.3	8.7	8.7	8.1	63.6	63.4	63.8
Trans. and pub. util...	9.5	9.5	9.5	6.6	6.6	6.5	6.8	6.7	6.7	14.6	15.0	16.6
Trade.....	32.1	32.5	31.1	19.1	19.3	18.5	20.8	20.8	19.5	43.9	43.8	43.7
Finance.....	3.8	3.7	3.7	4.5	4.4	4.4	5.6	5.5	5.5	10.3	10.2	9.7
Service.....	19.7	19.6	18.0	17.9	17.9	17.2	20.1	20.3	19.2	35.2	36.1	35.4
Government.....	25.5	26.8	25.9	20.9	20.9	20.4	18.6	19.3	18.0	51.9	53.5	52.2
	NEW YORK - Continued			NEW YORK - Continued								
	Binghamton			Buffalo			Elmira ⁵			Nassau and Suffolk Counties ⁴		
TOTAL	76.7	76.1	77.5	422.2	420.5	423.6	32.6	32.4	31.5	500.9	502.1	487.7
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)
Contract construction..	4.0	3.6	3.6	17.0	13.4	21.0	-	-	-	39.2	41.0	44.2
Manufacturing.....	35.2	35.0	37.3	167.1	168.8	165.6	14.6	14.4	14.0	136.5	137.6	136.7
Trans. and pub. util...	4.1	4.1	4.0	31.5	31.4	31.4	-	-	-	23.4	23.3	23.7
Trade.....	13.3	13.2	13.0	82.8	82.9	83.5	6.1	6.1	6.2	126.5	127.1	115.1
Finance.....	2.5	2.4	2.4	16.4	16.3	16.4	-	-	-	22.5	22.1	20.8
Service.....	8.1	7.8	7.9	56.9	56.5	58.0	-	-	-	79.4	76.9	76.6
Government.....	9.6	10.0	9.3	50.5	51.2	47.6	-	-	-	73.3	74.2	70.7

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

(In thousands)

Industry division	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
	NEW YORK - Continued											
	New York City ⁴			New York-Northeastern New Jersey			Rochester			Syracuse		
TOTAL	3,559.2	3,597.7	3,542.2	5,842.4	5,887.0	5,803.9	237.7	236.8	231.5	187.9	189.7	189.1
Mining.....	1.9	1.9	1.9	4.6	4.6	4.7	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	138.6	143.3	144.8	266.0	270.0	281.4	13.6	12.9	12.5	9.2	9.0	9.4
Manufacturing.....	892.3	897.4	900.1	1,709.7	1,719.1	1,731.8	110.3	109.8	109.4	64.7	64.8	67.8
Trans. and pub. util...	312.9	312.6	311.1	471.5	471.2	468.4	10.5	10.4	10.5	12.6	12.5	12.5
Trade.....	732.3	746.3	730.5	1,205.8	1,223.0	1,180.5	42.8	43.3	41.2	38.3	38.7	38.8
Finance.....	406.6	402.7	405.7	516.4	511.1	512.5	8.7	8.7	8.4	9.8	9.8	9.7
Service.....	637.9	649.4	626.8	963.1	970.8	941.3	28.6	28.4	27.1	26.5	27.5	25.5
Government.....	436.8	444.1	421.2	705.3	717.4	683.5	23.1	23.4	22.4	26.8	27.4	25.4
NEW YORK - Continued												
	Utica - Rome			Westchester County ⁴			Charlotte			Greensboro - High Point		
TOTAL	103.5	102.6	104.6	232.3	231.8	234.6	113.5	113.9	111.7	-	-	-
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
Contract construction..	2.8	2.8	3.3	14.5	14.3	18.3	8.0	7.8	8.1	6.8	6.7	7.4
Manufacturing.....	37.5	37.7	39.5	63.6	63.5	65.8	27.5	27.7	27.4	43.6	43.7	44.4
Trans. and pub. util...	5.6	5.6	5.6	13.9	13.9	13.9	13.8	13.9	12.3	5.2	5.2	5.1
Trade.....	17.0	16.8	16.8	53.7	53.9	51.8	31.3	31.6	31.6	20.2	20.3	19.4
Finance.....	4.2	4.1	4.1	12.6	12.6	12.1	8.1	8.1	7.8	6.5	6.4	6.6
Service.....	12.9	12.5	12.3	45.9	45.6	45.4	15.6	15.5	15.5	-	-	-
Government.....	23.5	23.1	22.9	28.0	28.0	27.3	9.2	9.3	9.0	-	-	-
NORTH CAROLINA - Continued												
	Winston-Salem			Fargo - Moorhead			Akron			Canton		
TOTAL	-	-	-	30.6	30.7	30.5	174.8	175.8	172.3	109.0	110.0	106.0
Mining.....	-	-	-	(1)	(1)	(1)	.1	.1	.1	.4	.4	.4
Contract construction..	-	-	-	2.3	2.2	2.0	7.0	6.6	7.4	4.4	4.3	4.5
Manufacturing.....	36.6	35.9	38.4	2.1	2.0	2.1	78.8	79.3	78.0	52.6	52.8	50.4
Trans. and pub. util...	-	-	-	3.0	3.0	3.0	12.7	12.8	12.7	5.7	5.7	5.8
Trade.....	-	-	-	9.8	9.8	9.9	33.5	33.3	32.9	20.3	20.3	19.7
Finance.....	-	-	-	2.1	2.1	2.1	5.6	5.4	5.4	3.6	3.6	3.7
Service.....	-	-	-	5.2	5.5	5.2	21.5	22.0	20.9	12.8	13.1	12.6
Government.....	-	-	-	6.1	6.1	6.1	15.6	16.4	15.0	9.1	9.8	9.0
OHIO - Continued												
	Cincinnati			Cleveland			Columbus			Dayton		
TOTAL	395.9	399.2	396.1	705.7	709.8	692.8	273.7	274.7	271.3	249.8	253.4	251.0
Mining.....	.3	.3	.3	.6	.6	.6	.7	.6	.7	.5	.5	.5
Contract construction..	19.0	17.8	19.8	34.7	33.6	35.3	15.4	14.6	14.9	10.9	10.5	10.7
Manufacturing.....	145.6	146.0	145.6	272.6	274.3	267.7	72.5	73.5	72.3	98.7	100.9	100.7
Trans. and pub. util...	31.4	31.5	31.3	45.8	46.0	44.9	17.2	17.3	17.2	10.5	10.5	10.4
Trade.....	81.4	81.9	82.0	143.3	143.3	143.0	56.6	56.4	55.7	43.4	43.6	44.1
Finance.....	21.8	21.7	22.3	34.1	33.8	33.2	18.3	18.0	17.7	7.4	7.4	7.1
Service.....	54.6	55.7	52.6	96.6	97.7	92.9	38.5	38.9	37.8	31.7	32.1	30.2
Government.....	41.8	44.5	42.1	78.0	80.6	75.2	54.5	55.3	54.8	46.6	48.0	47.2
OHIO - Continued												
	Toledo			Youngstown - Warren			Oklahoma City			Tulsa		
TOTAL	157.5	158.5	153.1	159.1	160.3	152.2	192.1	192.9	188.0	137.6	137.4	136.8
Mining.....	.2	.2	.2	.4	.4	.4	6.7	6.7	6.8	13.0	13.1	13.0
Contract construction..	7.4	7.0	7.9	7.4	6.9	7.4	13.3	12.9	12.6	8.9	8.7	8.8
Manufacturing.....	58.4	58.3	54.0	73.5	74.5	67.4	24.2	24.1	23.0	28.3	28.0	28.7
Trans. and pub. util...	11.9	11.8	12.1	8.6	8.7	8.4	14.1	14.0	13.8	14.2	14.1	14.4
Trade.....	34.8	35.0	35.1	29.0	28.8	29.0	46.1	46.1	45.3	32.4	32.7	32.1
Finance.....	6.4	6.3	6.3	5.0	4.9	4.6	12.0	12.0	11.8	7.5	7.4	7.3
Service.....	23.6	24.1	23.2	19.8	20.2	19.3	25.2	25.3	25.0	20.4	20.4	19.8
Government.....	14.8	15.6	14.3	15.6	15.9	15.7	50.5	51.8	49.7	12.9	13.0	12.7
OKLAHOMA												

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**
Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

Industry division	(In thousands)											
	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
	OREGON			PENNSYLVANIA			PENNSYLVANIA			PENNSYLVANIA		
	Portland			Allentown - Bethlehem - Easton			Altoona			Erie		
TOTAL	286.4	285.5	274.4	187.0	186.7	183.1	42.1	42.1	41.5	77.4	77.9	79.2
Mining.....	(1)	(1)	(1)	.5	.5	.5	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	16.6	15.6	12.6	8.1	7.2	7.5	1.4	1.3	1.4	2.7	2.6	2.3
Manufacturing.....	68.0	67.5	69.0	94.6	94.9	94.6	12.3	12.2	12.3	35.6	36.0	37.8
Trans. and pub. util...	28.7	28.4	27.7	11.0	10.7	10.5	9.9	9.9	9.5	4.8	4.8	5.0
Trade.....	70.8	70.5	68.1	31.0	31.1	29.2	7.1	7.0	7.0	13.9	13.9	13.9
Finance.....	17.4	17.2	16.3	5.2	5.1	5.1	1.1	1.1	1.1	2.6	2.6	2.5
Service.....	41.8	42.0	40.6	22.0	22.2	21.8	5.7	5.7	5.6	10.5	10.5	10.2
Government.....	43.1	44.3	40.1	14.6	15.0	13.9	4.6	4.9	4.6	7.3	7.5	7.5
	PENNSYLVANIA - Continued											
	Harrisburg			Johnstown			Lancaster			Philadelphia		
TOTAL	148.6	147.3	146.3	68.2	68.0	65.3	99.4	99.2	97.5	1,520.7	1,526.1	1,520.1
Mining.....	(1)	(1)	(1)	4.7	4.4	5.2	(1)	(1)	(1)	1.4	1.4	1.4
Contract construction..	7.4	6.6	6.7	2.6	2.5	2.3	6.0	5.8	5.5	72.9	67.3	75.5
Manufacturing.....	33.4	33.0	33.0	23.7	23.7	20.8	48.4	48.3	48.6	537.6	539.4	540.0
Trans. and pub. util...	11.6	11.6	12.1	4.8	4.8	4.8	5.1	5.1	5.0	107.5	107.5	108.6
Trade.....	26.6	26.3	26.1	12.1	12.1	11.7	17.0	16.9	16.3	301.5	303.6	302.4
Finance.....	6.4	6.4	6.5	1.8	1.8	1.7	2.5	2.4	2.3	85.3	83.5	84.7
Service.....	19.7	19.6	18.6	9.8	9.7	9.6	12.8	12.6	12.5	228.4	231.1	223.1
Government.....	43.5	43.8	43.3	8.7	9.0	9.2	7.6	8.1	7.3	186.1	192.3	184.4
	PENNSYLVANIA - Continued											
	Pittsburgh			Reading			Scranton			Wilkes-Barre - Hazleton		
TOTAL	765.1	764.3	748.7	102.1	102.7	102.4	74.6	75.2	77.0	105.3	105.2	105.0
Mining.....	10.7	10.0	10.8	(1)	(1)	(1)	1.1	1.0	1.1	4.5	4.5	5.1
Contract construction..	39.6	36.8	38.6	4.3	3.9	4.5	2.2	2.1	2.0	4.9	4.6	4.4
Manufacturing.....	276.9	276.7	263.3	50.1	50.6	50.9	29.3	30.2	31.4	43.4	43.1	43.2
Trans. and pub. util...	56.5	56.5	56.0	5.7	5.7	5.6	6.3	6.4	6.6	6.2	6.3	6.3
Trade.....	146.5	147.7	148.2	15.4	15.8	15.6	14.1	14.0	14.3	18.2	18.4	18.1
Finance.....	32.9	32.6	32.5	4.2	4.1	4.0	2.5	2.4	2.5	3.6	3.5	3.5
Service.....	125.9	126.0	123.8	13.3	13.4	13.1	11.0	11.0	10.9	12.0	12.0	11.8
Government.....	76.1	78.0	75.5	9.1	9.2	8.7	8.1	8.1	8.2	12.5	12.8	12.6
	PENNSYLVANIA - Continued											
	York			Rhode Island			South Carolina			South Carolina		
	Providence - Pawtucket			Charleston			Columbia			Columbia		
TOTAL	84.0	84.5	85.2	297.3	300.3	299.1	60.6	60.3	58.4	75.2	75.0	74.1
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.5	4.2	4.7	13.9	13.4	13.8	4.7	4.5	4.2	5.0	5.0	5.2
Manufacturing.....	40.2	40.7	42.2	127.7	129.7	130.1	9.8	9.9	9.5	15.5	15.3	14.6
Trans. and pub. util...	5.5	5.4	4.8	14.6	14.6	14.4	4.5	4.3	4.3	5.1	5.1	5.0
Trade.....	14.2	14.2	14.0	53.6	54.3	53.5	12.2	12.3	11.8	16.2	16.2	16.2
Finance.....	1.9	1.9	1.9	13.5	13.4	13.2	3.1	3.0	3.0	5.3	5.3	5.3
Service.....	9.4	9.4	9.3	40.2	40.7	40.3	6.6	6.5	6.5	9.7	9.7	9.7
Government.....	8.3	8.7	8.3	33.8	34.2	33.8	19.7	19.8	19.1	18.4	18.4	18.1
	SOUTH CAROLINA - Continued											
	Greenville			South Dakota			Tennessee			Tennessee		
	Sioux Falls			Chatanooga			Knoxville			Knoxville		
TOTAL	76.9	76.8	76.7	29.2	28.8	29.0	93.8	94.1	92.2	118.1	117.7	115.6
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	.1	.1	.1	1.8	1.8	1.8
Contract construction..	6.7	6.7	7.0	3.0	2.7	2.4	3.0	3.0	3.4	6.3	6.3	5.8
Manufacturing.....	35.6	35.5	34.8	5.5	5.4	5.7	39.8	40.1	38.4	42.6	42.3	42.1
Trans. and pub. util...	3.4	3.4	3.4	2.7	2.7	2.8	4.6	4.6	4.7	6.5	6.5	6.4
Trade.....	13.7	13.7	13.4	8.4	8.5	8.4	18.1	18.0	18.0	23.4	23.5	23.6
Finance.....	3.3	3.3	3.3	1.6	1.5	1.6	5.5	5.5	5.5	4.2	4.2	4.0
Service.....	8.5	8.5	8.5	4.6	4.5	4.7	11.3	11.4	11.0	13.9	13.8	13.6
Government.....	5.7	5.7	6.3	3.5	3.5	3.4	11.4	11.4	11.1	19.4	19.3	18.3

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

(In thousands)

Industry division	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
		TENNESSEE - Continued						TEXAS				
	Memphis			Nashville			Dallas			Fort Worth		
TOTAL.....	199.3	200.0	193.9	151.2	151.0	148.2	-	-	-	-	-	-
Mining.....	.3	.3	.4	(1)	(1)	(1)	8.0	7.9	7.7	-	-	-
Contract construction..	12.7	12.4	11.2	8.8	8.8	8.9	34.6	33.5	27.8	-	-	-
Manufacturing.....	46.4	46.7	44.6	42.8	42.4	40.8	105.9	105.4	105.8	52.9	52.8	49.4
Trans. and pub. util...	15.7	15.5	15.4	10.3	10.2	10.5	36.5	36.2	36.0	-	-	-
Trade.....	53.0	53.1	51.3	32.9	33.1	32.4	-	-	-	-	-	-
Finance.....	10.6	10.6	10.7	11.0	10.9	10.8	37.3	37.0	35.6	-	-	-
Service.....	29.3	29.3	29.2	24.4	24.5	24.0	-	-	-	-	-	-
Government.....	31.3	32.1	31.1	21.0	21.1	20.8	38.8	39.1	38.7	-	-	-
	TEXAS - Continued						UTAH			VERMONT		
	Houston			San Antonio			Salt Lake City			Burlington ⁵		
TOTAL.....	-	-	-	-	-	-	160.1	159.6	154.9	23.6	22.9	23.9
Mining.....	-	-	-	-	-	-	6.2	6.2	6.9	-	-	-
Contract construction..	-	-	-	12.0	11.7	12.1	11.0	10.6	9.7	-	-	-
Manufacturing.....	91.8	91.5	95.4	24.1	23.9	23.3	30.2	30.0	29.8	4.7	4.7	5.7
Trans. and pub. util...	-	-	-	9.4	9.2	9.3	14.1	13.9	14.0	1.5	1.5	1.5
Trade.....	-	-	-	-	-	-	42.1	41.9	40.0	5.4	5.4	5.6
Finance.....	-	-	-	12.2	12.0	11.5	9.6	9.6	9.7	-	-	-
Service.....	-	-	-	-	-	-	22.1	22.1	21.3	-	-	-
Government.....	-	-	-	52.1	52.0	52.6	24.8	25.3	23.5	-	-	-
	VERMONT - Continued			VIRGINIA								
	Springfield ⁵			Norfolk - Portsmouth			Richmond			Roanoke		
TOTAL.....	12.7	12.3	12.3	158.7	160.0	158.4	177.1	178.0	173.6	64.6	64.0	61.9
Mining.....	-	-	-	.1	.1	.1	.2	.2	.2	.1	.1	.1
Contract construction..	-	-	-	12.1	11.9	13.6	13.4	13.1	12.1	5.5	5.3	4.9
Manufacturing.....	6.6	6.5	6.5	16.5	16.5	17.0	42.7	43.1	43.4	15.0	15.0	14.8
Trans. and pub. util...	.7	.7	.7	15.3	15.3	15.1	15.4	15.5	15.2	8.9	8.9	8.8
Trade.....	1.8	1.7	1.7	39.4	39.2	37.8	41.6	41.6	40.4	14.8	14.7	13.8
Finance.....	-	-	-	6.3	6.3	6.3	15.0	14.7	14.5	3.2	3.2	3.1
Service.....	-	-	-	21.3	21.1	20.8	22.8	22.8	22.5	9.7	9.6	9.4
Government.....	-	-	-	47.7	49.6	47.7	26.0	27.0	25.3	7.4	7.2	7.0
	WASHINGTON						WEST VIRGINIA					
	Seattle			Spokane			Tacoma			Charleston		
TOTAL.....	395.9	400.1	418.3	75.1	74.9	74.5	80.5	80.0	81.6	75.6	76.0	76.8
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.9	3.9	3.9
Contract construction..	22.1	22.1	19.4	4.0	3.9	3.5	4.5	4.3	4.1	3.4	3.4	5.0
Manufacturing.....	116.1	116.9	133.6	12.7	12.6	12.4	16.5	15.9	17.8	22.4	22.3	22.1
Trans. and pub. util...	30.2	30.1	32.2	7.9	7.7	8.1	5.9	5.9	5.9	8.5	8.5	8.5
Trade.....	90.0	89.0	94.7	20.2	20.0	20.0	16.9	16.9	16.6	16.0	16.0	16.0
Finance.....	26.1	25.9	25.3	4.4	4.2	4.4	4.1	4.1	4.0	3.2	3.2	3.1
Service.....	54.3	54.4	57.1	13.1	13.2	13.1	12.6	12.5	12.2	9.5	9.5	9.3
Government.....	57.1	61.7	56.0	12.8	13.3	13.0	20.0	20.4	21.0	8.8	9.4	9.1
	WEST VIRGINIA - Continued						WISCONSIN					
	Huntington - Ashland			Wheeling			Green Bay			Kenosha		
TOTAL.....	68.9	68.9	66.7	50.6	50.4	49.0	39.4	39.1	37.9	38.0	37.8	34.5
Mining.....	1.0	1.0	.9	2.6	2.6	2.5	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	3.2	3.1	3.4	3.3	3.2	2.4	2.4	2.3	2.3	2.0	1.7	1.3
Manufacturing.....	24.3	23.8	22.4	16.2	15.9	15.9	13.8	13.5	12.9	22.5	22.6	20.1
Trans. and pub. util...	7.6	7.7	7.7	3.7	3.8	3.7	3.9	3.9	3.8	1.6	1.6	1.7
Trade.....	15.2	15.4	15.1	11.4	11.4	11.3	9.3	9.3	9.1	4.5	4.4	4.3
Finance.....	2.5	2.5	2.4	2.0	2.0	2.0	1.2	1.1	1.1	.6	.6	.7
Service.....	7.8	7.9	7.6	7.4	7.5	7.3	5.0	5.0	5.0	3.8	3.8	3.5
Government.....	7.4	7.7	7.4	4.1	4.3	4.0	3.9	4.0	3.8	3.1	3.1	2.9

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**
Table B-8: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

(In thousands)

Industry division	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
	WISCONSIN - Continued											
	La Crosse			Madison			Milwaukee			Racine		
TOTAL	23.9	23.4	23.6	83.2	84.5	79.7	457.2	459.2	454.1	45.4	45.7	44.1
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	.9	.9	1.1	5.8	5.6	5.9	20.2	19.8	19.8	1.8	1.9	1.7
Manufacturing.....	8.2	7.9	8.0	13.6	13.4	13.4	188.3	188.5	188.2	21.2	21.3	20.9
Trans. and pub. util...	1.9	1.9	1.9	4.3	4.3	4.1	26.9	26.9	27.6	1.8	1.7	1.8
Trade.....	5.4	5.3	5.3	17.2	17.2	16.1	89.8	90.6	89.3	8.6	8.5	8.0
Finance.....	.5	.5	.5	4.3	4.2	4.1	22.9	22.5	22.8	1.3	1.2	1.2
Service.....	4.1	4.1	4.0	11.3	11.3	10.6	59.4	60.7	57.6	5.7	5.7	5.6
Government.....	2.8	2.8	2.7	26.7	28.6	25.5	49.8	50.2	48.7	5.0	5.3	4.8
	WYOMING											
	Casper			Cheyenne								
TOTAL	19.0	18.7	18.9	20.3	19.7	18.7						
Mining.....	3.1	2.9	3.3	(1)	(1)	(1)						
Contract construction..	3.2	3.2	2.6	3.7	3.1	1.5						
Manufacturing.....	1.7	1.7	1.7	1.6	1.7	1.4						
Trans. and pub. util...	1.8	1.8	1.6	2.7	2.7	2.9						
Trade.....	4.3	4.2	4.3	3.8	3.8	4.0						
Finance.....	.7	.7	.7	.9	.9	1.0						
Service.....	1.9	1.9	2.5	3.0	2.9	3.4						
Government.....	2.3	2.3	2.2	4.6	4.6	4.5						

¹ Combined with service.

² Combined with construction.

³ Combined with manufacturing.

⁴ Subarea of New York-Northeastern New Jersey.

⁵ Total includes data for industry divisions not shown separately.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

Table C-1: Gross hours and earnings of production workers on manufacturing payrolls
1919 to date

Year and month	Manufacturing			Durable goods			Nondurable goods		
	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
1919.....	\$21.84	46.3	\$0.472	-	-	-	-	-	-
1920.....	26.02	47.4	.549	-	-	-	-	-	-
1921.....	21.94	43.1	.509	-	-	-	-	-	-
1922.....	21.28	44.2	.482	-	-	-	-	-	-
1923.....	23.56	45.6	.516	\$25.42	-	-	\$21.50	-	-
1924.....	23.67	43.7	.541	25.48	-	-	21.63	-	-
1925.....	24.11	44.5	.541	26.02	-	-	21.99	-	-
1926.....	24.38	45.0	.542	26.23	-	-	22.29	-	-
1927.....	24.47	45.0	.544	26.28	-	-	22.55	-	-
1928.....	24.70	44.4	.556	26.86	-	-	22.42	-	-
1929.....	24.76	44.2	.560	26.84	-	-	22.47	-	-
1930.....	23.00	42.1	.546	24.42	-	-	21.40	-	-
1931.....	20.64	40.5	.509	20.98	-	-	20.09	-	-
1932.....	16.89	38.3	.441	15.99	32.5	\$0.492	17.26	41.9	\$0.412
1933.....	16.65	38.1	.437	16.20	34.7	.467	16.76	40.0	.419
1934.....	18.20	34.6	.526	18.59	33.8	.550	17.73	35.1	.505
1935.....	19.91	36.6	.544	21.24	37.2	.571	18.77	36.1	.520
1936.....	21.56	39.2	.550	23.72	40.9	.580	19.57	37.7	.519
1937.....	23.82	38.6	.617	26.61	39.9	.667	21.17	37.4	.566
1938.....	22.07	35.6	.620	23.70	34.9	.679	20.65	36.1	.572
1939.....	23.64	37.7	.627	26.19	37.9	.691	21.36	37.4	.571
1940.....	24.96	38.1	.655	28.07	39.2	.716	21.83	37.0	.590
1941.....	29.48	40.6	.726	33.56	42.0	.799	24.39	38.9	.627
1942.....	36.68	43.1	.851	42.17	45.0	.937	28.57	40.3	.709
1943.....	43.07	45.0	.957	48.73	46.5	1.048	33.45	42.5	.787
1944.....	45.70	45.2	1.011	51.38	46.5	1.105	36.38	43.1	.814
1945.....	44.20	43.5	1.016	48.36	44.0	1.099	37.48	42.3	.886
1946.....	43.32	40.3	1.075	46.22	40.4	1.144	40.30	40.5	.995
1947.....	49.17	40.4	1.217	51.76	40.5	1.278	46.03	40.2	1.145
1948.....	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....	53.88	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....	50.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	96.56	40.4	2.39	104.70	40.9	2.56	85.54	39.6	2.16
1962: August.....	95.75	40.4	2.37	103.89	40.9	2.54	86.18	39.9	2.16
September.....	97.27	40.7	2.39	105.88	41.2	2.57	86.80	40.0	2.17
October.....	96.32	40.3	2.39	105.37	41.0	2.57	85.50	39.4	2.17
November.....	97.36	40.4	2.41	105.78	41.0	2.58	86.33	39.6	2.18
December.....	98.01	40.5	2.42	107.53	41.2	2.61	86.94	39.7	2.19
1963: January.....	97.44	40.1	2.43	105.82	40.7	2.60	86.24	39.2	2.20
February.....	97.20	40.0	2.43	106.23	40.7	2.61	85.85	39.2	2.19
March.....	98.09	40.2	2.44	106.49	40.8	2.61	86.68	39.4	2.20
April.....	97.36	39.9	2.44	106.37	40.6	2.62	85.97	38.9	2.21
May.....	99.23	40.5	2.45	108.36	41.2	2.63	87.52	39.6	2.21
June.....	100.37	40.8	2.46	109.82	41.6	2.64	88.36	39.8	2.22
July.....	99.23	40.5	2.45	108.09	41.1	2.63	88.36	39.8	2.22
August.....	98.42	40.5	2.43	107.01	41.0	2.61	88.18	39.9	2.21

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the hours and earnings series. Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table C-2: Gross hours and earnings of production workers, by industry

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
MINING	-	\$112.34	\$117.85	\$111.90	\$109.08	-	\$2.72	\$2.76	\$2.69	\$2.68
METAL MINING	-	116.00	118.85	115.87	116.88	-	2.85	2.85	2.84	2.83
Iron ores	-	118.42	124.14	119.87	124.43	-	3.06	3.05	3.05	3.08
Copper ores	-	121.55	122.69	117.99	117.46	-	2.84	2.86	2.85	2.81
COAL MINING	-	108.19	128.74	112.42	101.04	-	(2)	3.14	3.08	(2)
Bituminous	-	110.21	130.60	113.83	102.66	-	(2)	3.17	3.11	(2)
CRUDE PETROLEUM AND NATURAL GAS	-	112.63	113.36	109.56	110.83	-	2.65	2.68	2.59	2.62
Crude petroleum and natural gas fields	-	121.60	123.31	114.80	118.85	-	2.93	2.95	2.80	2.85
Oil and gas field services	-	104.79	105.04	104.84	103.58	-	2.42	2.46	2.41	2.42
QUARRYING AND NONMETALLIC MINING	-	112.88	112.91	112.79	110.66	-	2.47	2.46	2.41	2.39
CONTRACT CONSTRUCTION	-	130.90	129.79	127.71	126.01	-	3.40	3.38	3.30	3.29
GENERAL BUILDING CONTRACTORS	-	119.97	118.58	116.92	115.92	-	3.26	3.24	3.16	3.15
HEAVY CONSTRUCTION	-	134.90	132.13	131.63	128.47	-	3.13	3.08	3.04	3.03
Highway and street construction	-	133.62	130.09	130.09	126.44	-	3.03	2.97	2.93	2.90
Other heavy construction	-	136.27	134.60	132.92	130.38	-	3.26	3.22	3.18	3.18
SPECIAL TRADE CONTRACTORS	-	136.14	135.75	132.75	131.67	-	3.64	3.62	3.54	3.53
MANUFACTURING	\$98.42	99.23	100.37	95.75	96.39	\$2.43	2.45	2.46	2.37	2.38
DURABLE GOODS	107.01	108.09	109.82	103.89	104.04	2.61	2.63	2.64	2.54	2.55
NONDURABLE GOODS	88.18	88.36	88.36	86.18	86.80	2.21	2.22	2.22	2.16	2.17
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	118.20	117.33	118.24	115.34	114.21	2.89	2.89	2.87	2.82	2.82
Ammunition, except for small arms	119.31	118.55	119.65	116.00	114.97	2.91	2.92	2.89	2.85	2.86
Sighting and fire control equipment	-	121.70	120.10	122.78	122.36	-	3.05	3.01	2.98	2.97
Other ordnance and accessories	115.49	114.93	115.36	110.70	110.70	2.81	2.81	2.80	2.70	2.70
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	84.05	82.62	82.62	81.80	80.80	2.05	2.03	2.02	2.00	2.00
Sawmills and planing mills	76.89	75.70	76.07	74.48	73.57	1.88	1.86	1.86	1.83	1.83
Sawmills and planing mills, general	-	76.95	77.52	75.95	75.20	-	1.90	1.90	1.88	1.88
Millwork, plywood, and related products	92.01	90.09	90.29	89.02	87.53	2.17	2.15	2.15	2.14	2.14
Millwork	-	90.91	90.25	90.06	87.51	-	2.18	2.18	2.17	2.15
Veneer and plywood	-	88.83	88.62	87.78	86.93	-	2.10	2.10	2.09	2.11
Wooden containers	68.48	70.31	69.14	68.30	68.30	1.65	1.67	1.67	1.67	1.67
Wooden boxes, sbook, and crates	-	69.80	68.13	67.16	66.91	-	1.65	1.63	1.63	1.64
Miscellaneous wood products	75.81	74.12	74.85	73.49	72.00	1.84	1.83	1.83	1.81	1.80
FURNITURE AND FIXTURES	83.40	81.19	81.39	80.54	78.59	2.00	1.99	1.99	1.95	1.95
Household furniture	78.62	76.52	76.70	75.99	73.38	1.89	1.88	1.88	1.84	1.83
Wood house furniture, upholstered	-	72.14	72.83	71.74	69.22	-	1.73	1.73	1.68	1.66
Wood house furniture, upholstered	-	80.11	81.12	79.17	74.54	-	2.07	2.08	2.03	2.02
Mattresses and bedsprings	-	84.85	83.62	84.05	82.01	-	2.09	2.08	2.05	2.04
Office furniture	-	94.76	96.93	92.34	92.52	-	2.30	2.33	2.28	2.29
Partitions; office and store fixtures	-	108.05	105.37	108.38	105.16	-	2.61	2.57	2.55	2.54
Other furniture and fixtures	83.43	82.42	82.82	81.79	80.39	2.03	2.03	2.03	1.99	1.98
STONE, CLAY, AND GLASS PRODUCTS	103.42	103.66	104.41	101.40	100.67	2.48	2.48	2.48	2.42	2.42
Flat glass	-	132.72	139.40	125.78	126.81	-	3.36	3.40	3.25	3.26
Glass and glassware, pressed or blown	100.75	100.15	101.00	98.09	98.00	2.50	2.51	2.50	2.44	2.45
Glass containers	-	101.75	102.75	100.78	100.94	-	2.50	2.50	2.47	2.48
Pressed and blown glassware, n.e.c.	-	97.27	98.25	94.32	93.51	-	2.52	2.50	2.40	2.41
Cement, hydraulic	116.31	118.16	116.05	115.93	117.60	2.83	2.82	2.81	2.78	2.80
Structural clay products	90.92	90.27	90.92	87.56	87.54	2.17	2.17	2.17	2.12	2.13
Brick and structural clay tile	-	86.63	87.06	85.00	84.60	-	2.01	2.02	2.00	2.00
Pottery and related products	-	89.24	90.16	87.25	86.91	-	2.30	2.30	2.22	2.24
Concrete, gypsum, and plaster products	110.41	110.70	110.01	108.66	105.91	2.47	2.46	2.45	2.42	2.38
Other stone and mineral products	101.75	102.59	102.92	99.95	99.77	2.50	2.49	2.48	2.42	2.41
Abrasive products	-	104.19	104.34	96.29	101.02	-	2.56	2.57	2.45	2.47

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
HOURS AND EARNINGSTable C-2: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
MINING	-	41.3	42.7	41.6	40.7	-	-	-	-	-
METAL MINING	-	40.7	41.7	40.8	41.3	-	-	-	-	-
Iron ores.....	-	38.7	40.7	39.3	40.4	-	-	-	-	-
Copper ores.....	-	42.8	42.9	41.4	41.8	-	-	-	-	-
COAL MINING	-	(2)	41.0	36.5	(2)	-	-	-	-	-
Bituminous.....	-	(2)	41.2	36.6	(2)	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS	-	42.5	42.3	42.3	42.3	-	-	-	-	-
Crude petroleum and natural gas fields.....	-	41.5	41.8	41.0	41.7	-	-	-	-	-
Oil and gas field services.....	-	43.3	42.7	43.5	42.8	-	-	-	-	-
QUARRYING AND NONMETALLIC MINING	-	45.7	45.9	46.8	46.3	-	-	-	-	-
CONTRACT CONSTRUCTION	-	38.5	38.4	38.7	38.3	-	-	-	-	-
GENERAL BUILDING CONTRACTORS	-	36.8	36.6	37.0	36.8	-	-	-	-	-
HEAVY CONSTRUCTION	-	43.1	42.9	43.3	42.4	-	-	-	-	-
Highway and street construction.....	-	44.1	43.8	44.4	43.6	-	-	-	-	-
Other heavy construction.....	-	41.8	41.8	41.8	41.0	-	-	-	-	-
SPECIAL TRADE CONTRACTORS	-	37.4	37.5	37.5	37.3	-	-	-	-	-
MANUFACTURING	40.5	40.5	40.8	40.4	40.5	2.9	2.9	3.0	2.8	2.8
DURABLE GOODS	41.0	41.1	41.6	40.9	40.8	2.9	2.9	3.2	2.8	2.8
NONDURABLE GOODS	39.9	39.8	39.8	39.9	40.0	2.9	2.8	2.8	2.7	2.8
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	40.9	40.6	41.2	40.9	40.5	-	2.5	2.4	2.1	2.2
Ammunition, except for small arms.....	41.0	40.6	41.4	40.7	40.2	-	3.0	2.7	1.9	2.0
Sighting and fire control equipment.....	-	39.9	39.9	41.2	41.2	-	.8	.7	2.8	3.0
Other ordnance and accessories.....	41.1	40.9	41.2	41.0	41.0	-	2.1	2.4	2.1	2.2
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	41.0	40.7	40.9	40.9	40.4	-	3.7	3.9	3.7	3.4
Sawmills and planing mills.....	40.9	40.7	40.9	40.7	40.2	-	3.8	3.9	3.5	3.3
Sawmills and planing mills, general.....	-	40.5	40.8	40.4	40.0	-	-	-	-	-
Millwork, plywood, and related products.....	42.4	41.9	41.8	41.6	40.9	-	3.9	3.9	3.7	3.5
Millwork.....	-	41.7	41.4	41.5	40.7	-	-	-	-	-
Veneer and plywood.....	-	42.3	42.2	42.0	41.2	-	-	-	-	-
Wooden containers.....	41.5	42.1	41.4	40.9	40.9	-	4.1	3.5	3.3	3.9
Wooden boxes, shooks, and crates.....	-	42.3	41.8	41.2	40.8	-	-	-	-	-
Miscellaneous wood products.....	41.2	40.5	40.9	40.6	40.0	-	2.8	3.1	3.1	2.8
FURNITURE AND FIXTURES	41.7	40.8	40.9	41.3	40.3	-	3.0	2.9	3.2	2.7
Household furniture.....	41.6	40.7	40.8	41.3	40.1	-	2.9	2.9	3.2	2.6
Wood house furniture, unupholstered.....	-	41.7	42.1	42.7	41.7	-	-	-	-	-
Wood house furniture, upholstered.....	-	38.7	39.0	39.0	36.9	-	-	-	-	-
Mattresses and bedsprings.....	-	40.6	40.2	41.0	40.2	-	-	-	-	-
Office furniture.....	-	41.2	41.6	40.5	40.4	-	2.5	2.9	2.0	2.4
Partitions; office and store fixtures.....	-	41.4	41.0	42.5	41.4	-	3.2	2.3	4.0	3.6
Other furniture and fixtures.....	41.1	40.6	40.8	41.1	40.6	-	3.2	2.8	3.4	2.6
STONE, CLAY, AND GLASS PRODUCTS	41.7	41.8	42.1	41.9	41.6	-	4.0	4.0	3.9	3.9
Flat glass.....	-	39.5	41.0	38.7	38.9	-	2.2	2.7	1.6	1.8
Glass and glassware, pressed or blown.....	40.3	39.9	40.4	40.2	40.0	-	3.5	3.5	3.4	3.8
Glass containers.....	-	40.7	41.1	40.8	40.7	-	-	-	-	-
Pressed and blown glassware, n.e.c.....	-	38.6	39.3	39.3	38.8	-	-	-	-	-
Cement, hydraulic.....	41.1	41.9	41.3	41.7	42.0	-	2.2	2.3	2.1	2.1
Structural clay products.....	41.9	41.6	41.9	41.3	41.1	-	3.6	3.5	3.2	3.2
Brick and structural clay tile.....	-	43.1	43.1	42.5	42.3	-	-	-	-	-
Pottery and related products.....	-	38.8	39.2	39.3	38.8	-	1.8	1.9	2.1	1.7
Concrete, gypsum, and plaster products.....	44.7	45.0	44.9	44.9	44.5	-	6.5	6.5	6.7	6.3
Other stone and mineral products.....	40.7	41.2	41.5	41.3	41.4	-	3.1	3.1	2.9	2.8
Abrasive products.....	-	40.7	40.6	39.3	40.9	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table C-2: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	\$123.02	\$125.77	\$129.55	\$115.84	\$116.53	\$3.03	\$3.06	\$3.07	\$2.94	\$2.95
Blast furnace and basic steel products	131.67	135.20	140.70	122.68	121.77	3.30	3.33	3.35	3.22	3.23
Blast furnaces, steel and rolling mills	-	136.49	142.04	123.23	122.67	-	3.37	3.39	3.26	3.28
Iron and steel foundries	109.34	111.37	115.45	103.34	106.90	2.68	2.69	2.71	2.59	2.62
Gray iron foundries	-	109.82	113.69	99.90	104.45	-	2.64	2.65	2.51	2.56
Malleable iron foundries	-	108.26	114.68	104.80	107.27	-	2.72	2.75	2.62	2.61
Steel foundries	-	117.32	119.99	109.20	110.57	-	2.80	2.83	2.73	2.73
Nonferrous smelting and refining	119.11	118.12	117.45	116.03	115.08	2.87	2.86	2.83	2.83	2.80
Nonferrous rolling, drawing and extruding	118.44	118.72	120.83	113.98	115.78	2.80	2.80	2.81	2.74	2.75
Copper rolling, drawing, and extruding	-	121.98	126.44	114.39	117.60	-	2.85	2.90	2.79	2.80
Aluminum rolling, drawing, and extruding	-	124.98	127.20	121.66	125.88	-	2.99	3.00	2.96	2.99
Nonferrous wire drawing and insulating	-	109.48	110.94	106.25	104.41	-	2.57	2.58	2.50	2.48
Nonferrous foundries	106.34	105.82	107.38	102.11	102.31	2.60	2.60	2.60	2.54	2.52
Aluminum castings	-	107.71	110.66	103.72	103.73	-	2.64	2.66	2.58	2.53
Other nonferrous castings	-	104.19	104.81	100.50	100.75	-	2.56	2.55	2.50	2.50
Miscellaneous primary metal industries	129.58	128.03	129.16	123.07	122.18	3.10	3.10	3.09	2.98	2.98
Iron and steel forgings	-	132.02	132.89	126.07	124.84	-	3.22	3.21	3.09	3.09
FABRICATED METAL PRODUCTS	109.36	107.53	108.84	105.32	104.30	2.61	2.61	2.61	2.55	2.55
Metal cans	132.24	131.46	131.94	131.50	133.15	3.04	3.05	3.04	3.03	3.04
Cutlery, hand tools, and general hardware	103.07	100.10	103.98	96.48	97.12	2.52	2.49	2.53	2.40	2.41
Cutlery and hand tools, including saws	-	95.27	97.68	94.54	94.07	-	2.37	2.40	2.34	2.34
Hardware, n.e.c.	-	102.26	108.05	97.84	99.38	-	2.55	2.61	2.44	2.46
Heating equipment and plumbing fixtures	104.24	102.72	103.22	100.94	99.05	2.53	2.53	2.53	2.48	2.47
Sanitary ware and plumbers' brass goods	-	105.01	105.88	102.91	100.69	-	2.58	2.57	2.51	2.48
Heating equipment, except electric	-	100.44	100.85	99.38	97.66	-	2.48	2.49	2.46	2.46
Fabricated structural metal products	110.04	108.58	108.84	107.07	104.96	2.62	2.61	2.61	2.58	2.56
Fabricated structural steel	-	112.14	113.10	109.56	108.62	-	2.67	2.68	2.64	2.63
Metal doors, sash, frames, and trim	-	95.99	93.98	94.92	91.02	-	2.28	2.27	2.26	2.22
Fabricated plate work (boiler shops)	-	112.88	114.51	110.15	108.26	-	2.72	2.72	2.68	2.66
Sheet metal work	-	111.65	111.38	108.92	107.73	-	2.71	2.71	2.65	2.66
Architectural and miscellaneous metal work	-	107.57	109.15	110.09	108.05	-	2.63	2.63	2.64	2.61
Screw machine products, bolts, etc.	108.20	106.75	108.80	105.00	104.33	2.57	2.56	2.56	2.50	2.49
Screw machine products	-	100.02	101.70	100.25	99.30	-	2.41	2.41	2.37	2.37
Bolts, nuts, screws, rivets, and washers	-	112.44	114.44	109.10	108.94	-	2.69	2.68	2.61	2.60
Metal stampings	115.63	113.30	116.75	111.87	109.62	2.74	2.73	2.76	2.67	2.70
Coating, engraving, and allied services	94.83	94.13	95.63	90.94	91.62	2.33	2.33	2.31	2.24	2.24
Miscellaneous fabricated wire products	97.10	95.75	97.64	96.64	95.71	2.38	2.37	2.37	2.34	2.34
Miscellaneous fabricated metal products	106.08	105.97	105.93	102.77	100.15	2.60	2.61	2.59	2.55	2.51
Valves, pipe, and pipe fittings	-	107.45	107.94	105.06	101.89	-	2.64	2.62	2.62	2.56
MACHINERY	115.23	115.23	117.04	112.32	113.01	2.77	2.77	2.78	2.70	2.71
Engines and turbines	124.34	122.31	123.73	120.09	115.74	3.04	3.02	3.04	2.98	2.93
Steam engines and turbines	-	127.91	133.66	130.09	124.34	-	3.23	3.26	3.22	3.18
Internal combustion engines, n.e.c.	-	119.31	118.15	114.86	111.16	-	2.91	2.91	2.85	2.80
Farm machinery and equipment	-	110.83	111.79	107.18	106.27	-	2.75	2.74	2.64	2.65
Construction and related machinery	115.79	115.37	117.18	112.88	113.42	2.79	2.78	2.79	2.72	2.72
Construction and mining machinery	-	116.03	118.56	113.16	112.88	-	2.83	2.85	2.76	2.76
Oil field machinery and equipment	-	111.76	112.98	107.53	110.40	-	2.68	2.69	2.61	2.61
Conveyors, hoists, and industrial cranes	-	119.41	116.31	117.72	119.07	-	2.72	2.68	2.70	2.70
Metalworking machinery and equipment	126.26	128.01	130.52	123.55	125.86	2.95	2.97	2.98	2.88	2.90
Machine tools, metal cutting types	-	123.55	125.43	118.00	118.00	-	2.88	2.89	2.77	2.77
Special dies, tools, jigs, and fixtures	-	141.12	146.60	137.70	141.98	-	3.15	3.18	3.06	3.10
Machine tool accessories	-	113.58	113.02	108.26	108.65	-	2.75	2.73	2.66	2.65
Miscellaneous metalworking machinery	-	120.51	121.67	117.58	119.26	-	2.89	2.89	2.84	2.86
Special industry machinery	109.30	108.94	110.33	105.59	106.01	2.59	2.60	2.59	2.52	2.53
Food products machinery	-	111.92	112.59	109.15	108.21	-	2.71	2.70	2.63	2.62
Textile machinery	-	90.13	93.46	93.04	92.77	-	2.22	2.22	2.21	2.23
General industrial machinery	112.88	112.88	114.54	110.83	111.10	2.76	2.76	2.76	2.69	2.69
Pumps; air and gas compressors	-	113.52	113.40	109.71	109.19	-	2.69	2.70	2.65	2.63
Ball and roller bearings	-	109.93	114.52	113.16	113.85	-	2.79	2.80	2.74	2.75
Mechanical power transmission goods	-	117.87	119.28	111.24	112.32	-	2.78	2.80	2.70	2.70
Office, computing, and accounting machines	116.85	116.85	116.57	112.19	114.96	2.85	2.85	2.85	2.77	2.77
Computing machines and cash registers	-	124.53	124.34	119.36	121.84	-	3.03	3.04	2.94	2.95
Service industry machines	100.55	102.31	103.57	99.96	102.42	2.52	2.52	2.52	2.45	2.48
Refrigeration, except home refrigerators	-	101.75	103.16	98.25	101.60	-	2.50	2.51	2.42	2.46
Miscellaneous machinery	109.72	110.14	112.99	108.29	108.45	2.60	2.61	2.64	2.56	2.57
Machine shops, jobbing and repair	-	109.39	111.54	107.95	109.23	-	2.58	2.60	2.54	2.57
Machine parts, n.e.c., except electrical	-	112.86	115.87	109.62	107.90	-	2.70	2.72	2.61	2.60

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
HOURS AND EARNINGS

Table C-2: Gross hours and earnings of production workers, by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	40.6	41.1	42.2	39.4	39.5	-	2.7	3.3	1.9	2.0
Blast furnace and basic steel products	39.9	40.6	42.0	38.1	37.7	-	2.1	2.7	.9	1.1
Blast furnaces, steel and rolling mills	-	40.5	41.9	37.8	37.4	-	-	-	-	-
Iron and steel foundries	40.8	41.4	42.6	39.9	40.8	-	3.1	4.3	2.5	2.8
Gray iron foundries	-	41.6	42.9	39.8	40.8	-	-	-	-	-
Malleable iron foundries	-	39.8	41.7	40.0	41.1	-	-	-	-	-
Steel foundries	-	41.9	42.4	40.0	40.5	-	-	-	-	-
Nonferrous smelting and refining	41.5	41.3	41.5	41.0	41.1	-	3.1	2.9	3.1	2.7
Nonferrous rolling, drawing and extruding	42.3	42.4	43.0	41.6	42.1	-	3.7	4.3	3.2	3.3
Copper rolling, drawing, and extruding	-	42.8	43.6	41.0	42.0	-	-	-	-	-
Aluminum rolling, drawing, and extruding	-	41.8	42.4	41.1	42.1	-	-	-	-	-
Nonferrous wire drawing and insulating	-	42.6	43.0	42.5	42.1	-	-	-	-	-
Nonferrous foundries	40.9	40.7	41.3	40.2	40.6	-	2.9	3.0	2.5	2.8
Aluminum castings	-	40.8	41.6	40.2	41.0	-	-	-	-	-
Other nonferrous castings	-	40.7	41.1	40.2	40.3	-	-	-	-	-
Miscellaneous primary metal industries	41.8	41.3	41.8	41.3	41.0	-	3.4	3.3	2.9	2.8
Iron and steel forgings	-	41.0	41.4	40.8	40.4	-	-	-	-	-
FABRICATED METAL PRODUCTS	41.9	41.2	41.7	41.3	40.9	-	3.1	3.3	3.1	2.9
Metal cans	43.5	43.1	43.4	43.4	43.8	-	4.2	4.2	4.3	4.7
Cutlery and hand tools, and general hardware	40.9	40.2	41.1	40.2	40.3	-	2.0	2.8	2.1	2.3
Cutlery and hand tools, including saws	-	40.2	40.7	40.4	40.2	-	-	-	-	-
Hardware, n.e.c.	-	40.1	41.4	40.1	40.4	-	-	-	-	-
Heating equipment and plumbing fixtures	41.2	40.6	40.8	40.7	40.1	-	2.5	2.5	2.2	1.9
Sanitary ware and plumbers' brass goods	-	40.7	41.2	41.0	40.6	-	-	-	-	-
Heating equipment, except electric	-	40.5	40.5	40.4	39.7	-	-	-	-	-
Fabricated structural metal products	42.0	41.6	41.7	41.5	41.0	-	3.3	3.1	3.0	2.7
Fabricated structural steel	-	42.0	42.2	41.5	41.3	-	-	-	-	-
Metal doors, sash, frames, and trim	-	42.1	41.4	42.0	41.0	-	-	-	-	-
Fabricated plate work (boiler shops)	-	41.5	42.1	41.1	40.7	-	-	-	-	-
Sheet metal work	-	41.2	41.1	41.1	40.5	-	-	-	-	-
Architectural and miscellaneous metal work	-	40.9	41.5	41.7	41.4	-	-	-	-	-
Screw machine products, bolts, etc.	42.1	41.7	42.5	42.0	41.9	-	3.4	3.9	3.6	3.6
Screw machine products	-	41.5	42.2	42.3	41.9	-	-	-	-	-
Bolts, nuts, screws, rivets, and washers	-	41.8	42.7	41.8	41.9	-	-	-	-	-
Metal stampings	42.2	41.5	42.3	41.9	40.6	-	3.5	3.9	3.7	3.2
Coating, engraving, and allied services	40.7	40.4	41.4	40.6	40.9	-	3.2	3.6	3.1	2.8
Miscellaneous fabricated wire products	40.8	40.4	41.2	41.3	40.9	-	2.7	2.9	3.0	2.7
Miscellaneous fabricated metal products	40.8	40.6	40.9	40.3	39.9	-	2.5	2.5	2.5	2.2
Valves, pipe, and pipe fittings	-	40.7	41.2	40.1	39.8	-	-	-	-	-
MACHINERY	41.6	41.6	42.1	41.6	41.7	-	3.2	3.4	3.0	3.2
Engines and turbines	40.9	40.5	40.7	40.3	39.5	-	2.8	2.6	2.3	2.1
Steam engines and turbines	-	39.6	41.0	40.4	39.1	-	-	-	-	-
Internal combustion engines, n.e.c.	-	41.0	40.6	40.3	39.7	-	-	-	-	-
Farm machinery and equipment	-	40.3	40.8	40.6	40.1	-	2.2	2.1	1.9	1.7
Construction and related machinery	41.5	41.5	42.0	41.5	41.7	-	3.1	3.1	2.8	3.0
Construction and mining machinery	-	41.0	41.6	41.0	40.9	-	-	-	-	-
Oil field machinery and equipment	-	41.7	42.0	41.2	42.3	-	-	-	-	-
Conveyors, hoists, and industrial cranes	-	43.9	43.4	43.6	44.1	-	-	-	-	-
Metalworking machinery and equipment	42.8	43.1	43.8	42.9	43.4	-	4.8	5.2	4.5	4.9
Machine tools, metal cutting types	-	42.9	43.4	42.6	42.6	-	-	-	-	-
Special dies, tools, jigs, and fixtures	-	44.8	46.1	45.0	45.8	-	-	-	-	-
Machine tool accessories	-	41.3	41.4	40.7	41.0	-	-	-	-	-
Miscellaneous metalworking machinery	-	41.7	42.1	41.4	41.7	-	-	-	-	-
Special industry machinery	42.2	41.9	42.6	41.9	41.9	-	3.4	3.7	3.3	3.4
Food products machinery	-	41.3	41.7	41.5	41.3	-	-	-	-	-
Textile machinery	-	40.6	42.1	42.1	41.6	-	-	-	-	-
General industrial machinery	40.9	40.9	41.5	41.2	41.3	-	2.8	2.9	2.7	3.0
Pumps, air and gas compressors	-	42.2	42.0	41.4	41.5	-	-	-	-	-
Ball and roller bearings	-	39.4	40.9	41.3	41.4	-	-	-	-	-
Mechanical power transmission goods	-	42.4	42.6	41.2	41.6	-	-	-	-	-
Office, computing, and accounting machines	41.0	41.0	40.9	40.5	41.5	-	1.3	1.7	1.3	1.6
Computing machines and cash registers	-	41.1	40.9	40.6	41.3	-	-	-	-	-
Service industry machines	39.9	40.6	41.1	40.8	41.3	-	2.2	2.5	2.1	2.5
Refrigeration, except home refrigerators	-	40.7	41.1	40.6	41.3	-	-	-	-	-
Miscellaneous machinery	42.2	42.2	42.8	42.3	42.2	-	3.9	4.4	4.1	4.2
Machine shops, jobbing and repair	-	42.4	42.9	42.5	42.5	-	-	-	-	-
Machine parts, n.e.c., except electrical	-	41.8	42.6	42.0	41.5	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table C-2: Gross hours and earnings of production workers, by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	\$98.74	\$99.14	\$99.88	\$97.20	\$96.72	\$2.45	\$2.46	\$2.46	\$2.40	\$2.40
Electric distribution equipment	107.04	106.52	107.98	102.97	103.94	2.63	2.63	2.64	2.53	2.56
Electric measuring instruments	-	94.08	93.93	92.46	93.09	-	2.40	2.39	2.30	2.31
Power and distribution transformers	-	110.92	110.12	105.37	106.49	-	2.66	2.66	2.57	2.61
Switchgear and switchboard apparatus	-	113.02	117.46	111.11	110.84	-	2.77	2.81	2.71	2.73
Electrical industrial apparatus	104.96	105.47	105.73	102.00	101.50	2.56	2.56	2.56	2.50	2.50
Motors and generators	-	109.41	109.93	106.24	105.47	-	2.63	2.63	2.56	2.56
Industrial controls	-	100.25	100.10	97.91	97.27	-	2.50	2.49	2.46	2.45
Household appliances	108.39	110.42	111.22	106.08	104.78	2.65	2.68	2.68	2.60	2.60
Household refrigerators and freezers	-	121.96	124.99	116.88	113.12	-	2.89	2.90	2.83	2.80
Household laundry equipment	-	115.09	113.16	111.78	108.12	-	2.76	2.76	2.70	2.65
Electric housewares and fans	-	90.40	92.34	90.57	89.47	-	2.33	2.32	2.27	2.30
Electric lighting and wiring equipment	93.73	93.03	94.02	90.68	89.95	2.32	2.32	2.31	2.25	2.26
Electric lamps	-	95.44	95.44	93.06	93.30	-	2.38	2.38	2.35	2.35
Lighting fixtures	-	95.47	96.41	90.98	88.93	-	2.34	2.34	2.23	2.24
Wiring devices	-	89.89	91.35	88.84	88.80	-	2.27	2.25	2.21	2.22
Radio and TV receiving sets	86.76	86.98	86.33	87.26	85.14	2.18	2.18	2.18	2.16	2.15
Communication equipment	105.60	105.20	106.92	105.67	104.34	2.64	2.63	2.64	2.59	2.57
Telephone and telegraph apparatus	-	102.31	105.32	107.64	102.91	-	2.59	2.62	2.60	2.56
Radio and TV communication equipment	-	106.53	108.26	104.49	105.26	-	2.65	2.66	2.58	2.58
Electronic components and accessories	83.79	82.35	82.76	81.39	80.58	2.10	2.09	2.09	2.05	2.04
Electron tubes	-	92.04	95.94	92.62	88.43	-	2.33	2.34	2.27	2.25
Electronic components, n.e.c.	-	79.39	78.40	77.42	78.01	-	2.02	2.00	1.97	1.97
Miscellaneous electrical equipment and supplies	103.97	106.75	109.82	101.40	106.50	2.58	2.61	2.64	2.51	2.56
Electrical equipment for engines	-	111.66	116.20	106.52	113.79	-	2.73	2.76	2.63	2.69
TRANSPORTATION EQUIPMENT	121.39	125.28	126.90	118.78	121.51	2.99	2.99	3.00	2.89	2.90
Motor vehicles and equipment	123.41	129.81	132.62	121.06	126.82	3.07	3.04	3.07	2.96	2.97
Motor vehicles	-	136.16	139.36	126.98	132.98	-	3.13	3.16	3.12	3.05
Passenger car bodies	-	135.46	138.45	123.65	137.03	-	3.21	3.25	3.22	3.15
Truck and bus bodies	-	104.08	104.90	104.83	108.54	-	2.52	2.54	2.49	2.56
Motor vehicle parts and accessories	-	128.05	130.72	119.77	123.19	-	3.02	3.04	2.90	2.94
Aircraft and parts	120.95	121.54	121.78	118.69	118.40	2.95	2.95	2.94	2.86	2.86
Aircraft	-	120.83	121.25	118.98	118.28	-	2.94	2.95	2.86	2.85
Aircraft engines and engine parts	-	122.78	122.66	118.90	120.18	-	2.98	2.97	2.90	2.91
Other aircraft parts and equipment	-	121.30	122.54	118.44	115.92	-	2.93	2.89	2.82	2.80
Ship and boat building and repairing	122.70	120.09	121.77	119.19	116.97	3.00	2.98	2.97	2.90	2.86
Ship building and repairing	-	125.96	127.92	124.84	122.59	-	3.11	3.12	3.03	2.99
Boat building and repairing	-	90.23	91.98	89.24	88.00	-	2.29	2.26	2.22	2.20
Railroad equipment	-	125.36	122.91	119.69	119.00	-	3.05	3.02	2.97	2.99
Other transportation equipment	-	94.24	93.86	89.42	86.24	-	2.26	2.24	2.16	2.14
INSTRUMENTS AND RELATED PRODUCTS	101.34	100.44	101.84	99.63	98.90	2.49	2.48	2.49	2.43	2.43
Engineering and scientific instruments	-	114.45	119.11	117.60	116.33	-	2.84	2.87	2.80	2.81
Mechanical measuring and control devices	102.50	100.85	103.07	98.74	98.33	2.50	2.49	2.52	2.45	2.44
Mechanical measuring devices	-	102.91	103.07	100.04	100.61	-	2.51	2.52	2.47	2.46
Automatic temperature controls	-	97.91	102.41	96.56	94.95	-	2.46	2.51	2.42	2.41
Optical and ophthalmic goods	93.41	92.55	93.44	88.78	87.48	2.24	2.23	2.23	2.16	2.16
Surgical, medical, and dental equipment	86.07	85.86	86.30	85.07	84.66	2.12	2.12	2.11	2.08	2.08
Photographic equipment and supplies	(2)	114.80	113.40	112.19	113.30	(2)	2.80	2.80	2.71	2.73
Watches and clocks	-	81.72	82.50	83.41	82.95	-	2.09	2.11	2.08	2.10
MISCELLANEOUS MANUFACTURING INDUSTRIES	79.60	78.98	80.19	77.81	77.42	2.01	2.02	2.02	1.96	1.97
Jewelry, silverware, and plated ware	86.72	86.29	88.70	83.58	80.91	2.19	2.19	2.19	2.10	2.08
Toys, amusement, and sporting goods	-	71.81	72.17	70.74	70.46	-	1.87	1.86	1.80	1.83
Toys, games, dolls, and play vehicles	-	70.07	70.43	68.21	67.06	-	1.82	1.82	1.74	1.76
Sporting and athletic goods, n.e.c.	-	74.49	75.27	76.63	76.64	-	1.95	1.93	1.94	1.96
Pens, pencils, office and art materials	-	77.21	79.38	74.61	74.07	-	1.94	1.96	1.87	1.88
Costume jewelry, buttons, and notions	-	70.59	74.19	70.88	72.25	-	1.81	1.85	1.79	1.82
Other manufacturing industries	86.40	85.72	86.56	84.40	83.79	2.16	2.17	2.17	2.11	2.10
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	93.98	95.87	95.17	91.05	93.24	2.27	2.31	2.31	2.21	2.22
Meat products	99.39	101.60	101.43	97.61	100.43	2.43	2.46	2.45	2.41	2.42
Meat packing	-	118.58	118.16	114.26	117.30	-	2.81	2.80	2.74	2.76
Sausages and other prepared meats	-	110.83	110.04	107.10	108.63	-	2.62	2.62	2.55	2.55
Poultry dressing and packing	-	56.36	56.99	52.62	55.06	-	1.46	1.45	1.43	1.43

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
Table C-2: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	40.3	40.3	40.6	40.5	40.3	-	2.0	2.2	2.1	2.0
Electric distribution equipment	40.7	40.5	40.9	40.7	40.6	-	2.1	2.4	2.0	2.2
Electric measuring instruments	-	39.2	39.3	40.2	40.3	-	-	-	-	-
Power and distribution transformers	-	41.7	41.4	41.0	40.8	-	-	-	-	-
Switchgear and switchboard apparatus	-	40.8	41.8	41.0	40.6	-	-	-	-	-
Electrical industrial apparatus	41.0	41.2	41.3	40.8	40.6	-	2.4	2.4	2.1	2.1
Motors and generators	-	41.6	41.8	41.5	41.2	-	-	-	-	-
Industrial controls	-	40.1	40.2	39.8	39.7	-	-	-	-	-
Household appliances	40.9	41.2	41.5	40.8	40.3	-	2.6	2.7	2.1	2.0
Household refrigerators and freezers	-	42.2	43.1	41.3	40.4	-	-	-	-	-
Household laundry equipment	-	41.7	41.0	41.4	40.8	-	-	-	-	-
Electric housewares and fans	-	38.8	39.8	39.9	38.9	-	-	-	-	-
Electric lighting and wiring equipment	40.4	40.1	40.7	40.3	39.8	-	2.0	2.1	1.8	1.6
Electric lamps	-	40.1	40.1	39.6	39.7	-	-	-	-	-
Lighting fixtures	-	40.8	41.2	40.8	39.7	-	-	-	-	-
Wiring devices	-	39.6	40.6	40.2	40.0	-	-	-	-	-
Radio and TV receiving sets	39.8	39.9	39.6	40.4	39.6	-	2.0	2.0	2.4	2.0
Communication equipment	40.0	40.0	40.5	40.8	40.6	-	1.5	1.8	2.3	1.9
Telephone and telegraph apparatus	-	39.5	40.2	41.4	40.2	-	-	-	-	-
Radio and TV communication equipment	-	40.2	40.7	40.5	40.8	-	-	-	-	-
Electronic components and accessories	39.9	39.4	39.6	39.7	39.5	-	1.6	1.8	1.9	1.8
Electron tubes	-	39.5	41.0	40.8	39.3	-	-	-	-	-
Electronic components, n.e.c.	-	39.3	39.2	39.3	39.6	-	-	-	-	-
Miscellaneous electrical equipment and supplies	40.3	40.9	41.6	40.4	41.6	-	2.2	3.0	2.3	3.2
Electrical equipment for engines	-	40.9	42.1	40.5	42.3	-	-	-	-	-
TRANSPORTATION EQUIPMENT	40.6	41.9	42.3	41.1	41.9	-	3.2	3.7	3.1	3.3
Motor vehicles and equipment	40.2	42.7	43.2	40.9	42.7	-	3.9	4.5	3.6	4.0
Motor vehicles	-	43.5	44.1	40.7	43.6	-	-	-	-	-
Passenger car bodies	-	42.2	42.6	38.4	43.5	-	-	-	-	-
Truck and bus bodies	-	41.3	41.3	42.1	42.4	-	-	-	-	-
Motor vehicle parts and accessories	-	42.4	43.0	41.3	41.9	-	-	-	-	-
Aircraft and parts	41.0	41.2	41.4	41.5	41.4	-	2.4	2.5	2.7	2.5
Aircraft	-	41.1	41.1	41.6	41.5	-	-	-	-	-
Aircraft engines and engine parts	-	41.2	41.3	41.0	41.3	-	-	-	-	-
Other aircraft parts and equipment	-	41.4	42.4	42.0	41.4	-	-	-	-	-
Ship and boat building and repairing	40.9	40.3	41.0	41.1	40.9	-	2.5	3.3	3.1	2.8
Ship building and repairing	-	40.5	41.0	41.2	41.0	-	-	-	-	-
Boat building and repairing	-	39.4	40.7	40.2	40.0	-	-	-	-	-
Railroad equipment	-	41.1	40.7	40.3	39.8	-	2.4	2.3	2.1	1.8
Other transportation equipment	-	41.7	41.9	41.4	40.3	-	3.9	3.7	3.4	2.6
INSTRUMENTS AND RELATED PRODUCTS	40.7	40.5	40.9	41.0	40.7	-	2.3	2.4	2.3	2.4
Engineering and scientific instruments	-	40.3	41.5	42.0	41.4	-	2.4	2.5	2.7	2.7
Mechanical measuring and control devices	41.0	40.5	40.9	40.3	40.3	-	2.4	2.5	2.3	2.4
Mechanical measuring devices	-	41.0	40.9	40.5	40.9	-	-	-	-	-
Automatic temperature controls	-	39.8	40.8	39.9	39.4	-	-	-	-	-
Optical and ophthalmic goods	-	41.5	41.9	41.1	40.5	-	2.3	2.5	1.9	2.1
Surgical, medical, and dental equipment	40.6	40.5	40.9	40.9	40.7	-	2.0	2.4	2.5	2.3
Photographic equipment and supplies	-	41.0	40.5	41.4	41.5	-	2.4	2.4	2.5	2.6
Watches and clocks	(2)	39.1	39.1	40.1	39.5	-	1.8	1.9	1.9	1.6
MISCELLANEOUS MANUFACTURING INDUSTRIES	39.6	39.1	39.7	39.7	39.3	-	1.9	2.1	2.3	1.9
Jewelry, silverware, and plated ware	39.6	39.4	40.5	39.8	38.9	-	2.5	2.7	2.7	2.2
Toys, amusement, and sporting goods	-	38.4	38.8	39.3	38.5	-	1.5	1.6	1.9	1.6
Toys, games, dolls, and play vehicles	-	38.5	38.7	39.2	38.1	-	-	-	-	-
Sporting and athletic goods, n.e.c.	-	38.2	39.0	39.5	39.1	-	-	-	-	-
Pens, pencils, office and art materials	-	39.8	40.5	39.9	39.4	-	1.7	2.1	2.2	1.6
Costume jewelry, buttons, and notions	-	39.0	40.1	39.6	39.7	-	2.0	2.4	2.4	2.0
Other manufacturing industries	40.0	39.5	39.9	40.0	39.9	-	2.0	2.3	2.6	2.1
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	41.4	41.5	41.2	41.2	42.0	-	3.8	3.7	3.4	3.9
Meat products	40.9	41.3	41.4	40.5	41.5	-	3.9	3.9	3.0	3.9
Meat packing	-	42.2	42.2	41.7	42.5	-	-	-	-	-
Sausages and other prepared meats	-	42.3	42.0	42.0	42.6	-	-	-	-	-
Poultry dressing and packing	-	38.6	39.3	36.8	38.5	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table C-2: Gross hours and earnings of production workers¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Nonferrous Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	\$99.03	\$99.92	\$99.92	\$95.63	\$98.08	\$2.33	\$2.34	\$2.34	\$2.25	\$2.26
Ice cream and frozen desserts	-	98.14	94.94	90.45	95.79	-	2.32	2.31	2.25	2.27
Fluid milk	-	104.19	104.19	100.82	102.46	-	2.44	2.44	2.35	2.35
Canned and preserved food, except meats	-	75.46	73.06	75.81	75.44	-	1.93	1.98	1.90	1.84
Canned, cured and frozen sea foods	-	69.91	63.50	66.24	63.94	-	1.91	1.96	1.92	1.92
Canned food, except sea foods	-	78.98	77.83	78.76	80.96	-	1.95	2.07	1.94	1.84
Frozen food, except sea foods	-	68.06	67.06	71.28	68.61	-	1.81	1.76	1.73	1.69
Grain mill products	107.14	107.87	105.33	103.06	103.51	2.36	2.34	2.32	2.26	2.26
Flour and other grain mill products	-	115.37	114.21	110.90	110.50	-	2.53	2.51	2.47	2.45
Prepared feeds for animals and fowls	-	95.26	91.48	92.04	90.05	-	1.96	1.93	1.89	1.88
Bakery products	94.37	96.17	95.53	92.62	93.07	2.33	2.34	2.33	2.27	2.27
Bread, cake, and perishable products	-	97.41	96.93	94.30	94.94	-	2.37	2.37	2.30	2.31
Biscuit, crackers, and pretzels	-	90.17	90.83	85.39	87.31	-	2.21	2.21	2.14	2.14
Sugar	-	107.68	104.49	102.83	104.90	-	2.57	2.53	2.46	2.48
Confectionery and related products	81.39	79.20	81.00	77.78	76.05	1.99	2.00	2.00	1.93	1.95
Candy and other confectionery products	-	74.10	77.76	74.19	71.80	-	1.90	1.92	1.85	1.86
Beverages	109.67	112.78	111.25	104.30	108.36	2.63	2.66	2.63	2.55	2.58
Malt liquors	-	143.66	140.56	132.40	138.02	-	3.47	3.42	3.31	3.35
Bottled and canned soft drinks	-	84.48	81.70	76.97	79.82	-	1.89	1.84	1.79	1.81
Miscellaneous food and kindred products	95.40	93.44	92.57	91.59	92.23	2.25	2.23	2.22	2.15	2.16
TOBACCO MANUFACTURES										
Cigarettes	73.66	79.97	81.81	68.04	73.28	1.86	2.04	2.03	1.80	1.97
Cigars	-	94.71	98.75	89.38	88.01	-	2.35	2.34	2.28	2.28
-	-	61.60	61.44	59.28	55.18	-	1.60	1.60	1.56	1.55
TEXTILE MILL PRODUCTS										
Cotton broad woven fabrics	69.60	68.68	69.70	68.21	68.61	1.71	1.70	1.70	1.68	1.69
Silk and synthetic broad woven fabrics	68.23	66.66	67.32	66.99	66.99	1.66	1.65	1.65	1.65	1.65
Weaving and finishing broad woolsens	73.53	73.27	74.39	74.04	73.53	1.73	1.72	1.73	1.73	1.73
Narrow fabrics and smallwares	72.76	76.49	77.04	77.96	79.06	1.81	1.83	1.83	1.83	1.83
Knitting	69.55	71.28	72.04	70.76	71.10	1.73	1.73	1.74	1.73	1.73
Full-fashioned hosiery	63.90	63.08	63.41	62.24	62.40	1.63	1.63	1.63	1.60	1.60
Seamless hosiery	-	57.20	59.63	57.51	55.85	-	1.58	1.59	1.55	1.56
Knit underwear	-	58.13	58.06	57.83	58.22	-	1.55	1.54	1.51	1.52
Knit underwear	-	69.03	67.94	66.59	66.59	-	1.73	1.72	1.69	1.69
Finishing textiles, except wool and knit	-	59.06	60.30	60.13	60.44	-	1.55	1.55	1.53	1.53
Floor covering	79.00	76.26	80.89	75.26	76.04	1.89	1.86	1.89	1.84	1.85
Yarn and thread	-	73.75	75.30	73.60	70.30	-	1.79	1.81	1.74	1.74
Miscellaneous textile goods	62.56	63.74	64.53	62.37	62.06	1.56	1.57	1.57	1.54	1.54
-	80.79	80.56	83.95	78.72	79.68	1.99	1.96	1.98	1.92	1.92
APPAREL AND RELATED PRODUCTS										
Men's and boys' suits and coats	63.15	61.71	61.35	62.36	61.32	1.73	1.70	1.69	1.69	1.68
Men's and boys' furnishings	77.59	77.57	78.17	73.89	73.53	2.12	2.06	2.09	1.96	1.93
Men's and boys' shirts and nightwear	54.58	54.34	54.05	54.81	53.58	1.44	1.43	1.43	1.42	1.41
Men's and boys' separate trousers	-	52.64	52.50	54.49	52.85	-	1.40	1.40	1.39	1.38
Work clothing	-	55.15	55.48	55.52	54.57	-	1.44	1.46	1.42	1.41
Women's, misses', and juniors' outerwear	-	53.24	52.85	51.51	51.89	-	1.39	1.38	1.37	1.38
Women's blouses, waists, and shirts	67.08	65.36	62.68	67.16	65.74	1.95	1.90	1.86	1.93	1.90
Women's, misses', and juniors' dresses	-	55.07	53.82	55.49	55.22	-	1.56	1.56	1.55	1.56
Women's suits, skirts, and coats	-	62.70	59.97	64.08	62.04	-	1.90	1.88	1.93	1.88
Women's and misses' outerwear, n.e.c.	-	81.65	76.49	85.08	82.37	-	2.30	2.23	2.37	2.34
Women's and children's undergarments	-	56.21	58.67	58.88	58.50	-	1.57	1.59	1.57	1.56
Women's and children's underwear	57.51	55.94	56.00	56.47	54.90	1.55	1.52	1.53	1.51	1.50
Corsets and allied garments	-	53.87	52.64	54.52	52.56	-	1.46	1.45	1.45	1.44
Hats, caps, and millinery	-	60.39	62.16	60.31	59.82	-	1.65	1.68	1.63	1.63
Girls' and children's outerwear	-	67.16	64.79	68.81	68.08	-	1.85	1.78	1.83	1.86
Children's dresses, blouses, and shirts	56.58	56.30	56.61	55.69	55.48	1.55	1.53	1.53	1.53	1.52
Fur goods and miscellaneous apparel	-	56.09	56.92	53.20	55.33	-	1.52	1.53	1.52	1.52
Miscellaneous fabricated textile products	-	64.98	64.80	64.78	64.08	-	1.80	1.80	1.77	1.79
Housefurnishings	65.91	64.70	66.85	64.39	61.96	1.73	1.73	1.75	1.69	1.67
-	-	57.29	58.28	57.76	56.30	-	1.54	1.55	1.52	1.53
PAPER AND ALLIED PRODUCTS										
Paper and pulp	107.82	107.25	106.21	103.39	103.33	2.49	2.50	2.47	2.41	2.42
Paperboard	120.87	120.60	117.31	113.36	114.58	2.71	2.71	2.66	2.60	2.61
Converted paper and paperboard products	122.30	122.30	119.97	117.64	116.59	2.73	2.73	2.69	2.62	2.62
Bags, except textile bags	94.08	92.74	93.60	91.52	90.42	2.24	2.24	2.25	2.20	2.20
Paperboard containers and boxes	-	88.38	87.56	85.70	83.01	-	2.14	2.12	2.08	2.07
Folding and setup paperboard boxes	98.14	96.28	97.44	95.37	94.69	2.32	2.32	2.32	2.26	2.26
Corrugated and solid fiber boxes	-	86.07	87.33	84.46	83.84	-	2.12	2.13	2.06	2.06
-	-	105.22	106.95	105.46	102.00	-	2.47	2.47	2.43	2.40

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table C-2: Gross hours and earnings of production workers, by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Nondurable Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	42.5	42.7	42.7	42.5	43.4	-	3.5	3.5	3.4	4.0
Ice cream and frozen desserts	-	42.3	41.1	40.2	42.2	-	-	-	-	-
Fluid milk	-	42.7	42.7	42.9	43.6	-	-	-	-	-
Canned and preserved food, except meats	-	39.1	36.9	39.9	41.0	-	2.5	2.3	2.5	3.5
Canned, cured and frozen sea foods	-	36.6	32.4	34.5	33.3	-	-	-	-	-
Canned food, except sea foods	-	40.5	37.6	40.6	44.0	-	-	-	-	-
Frozen food, except sea foods	-	37.6	38.1	41.2	40.6	-	-	-	-	-
Grain mill products	45.4	46.1	45.4	45.6	45.8	-	7.7	6.9	7.1	7.0
Flour and other grain mill products	-	45.6	45.5	44.9	45.1	-	-	-	-	-
Prepared feeds for animals and fowls	-	48.6	47.4	48.7	47.9	-	-	-	-	-
Bakery products	40.5	41.1	41.0	40.8	41.0	-	3.3	3.4	3.3	3.4
Bread, cake, and perishable products	-	41.1	40.9	41.0	41.1	-	-	-	-	-
Biscuit, crackers, and pretzels	-	40.8	41.1	39.9	40.8	-	-	-	-	-
Sugar	-	41.9	41.3	41.8	42.3	-	3.7	3.5	4.2	4.3
Confectionery and related products	40.9	39.6	40.5	40.3	39.0	-	2.2	2.6	2.6	1.7
Candy and other confectionery products	-	39.0	40.5	40.1	38.6	-	-	-	-	-
Beverages	41.7	42.4	42.3	40.9	42.0	-	4.5	4.1	3.0	4.0
Malt liquors	-	41.4	41.1	40.0	41.2	-	-	-	-	-
Bottled and canned soft drinks	-	44.7	44.4	43.0	44.1	-	-	-	-	-
Miscellaneous food and kindred products	42.4	41.9	41.7	42.6	42.7	-	3.9	3.8	3.9	3.9
TOBACCO MANUFACTURES	39.6	39.2	40.3	37.8	37.2	-	1.4	1.5	1.0	.6
Cigarettes	-	40.3	42.2	39.2	38.6	-	1.8	2.0	.8	.7
Cigars	-	38.5	38.4	38.0	35.6	-	1.1	1.2	1.2	.4
TEXTILE MILL PRODUCTS	40.7	40.4	41.0	40.6	40.6	-	3.1	3.4	3.2	3.1
Cotton broad woven fabrics	41.1	40.4	40.8	40.6	40.6	-	2.9	3.1	3.0	2.9
Silk and synthetic broad woven fabrics	42.5	42.6	43.0	42.8	42.5	-	3.9	4.4	4.4	4.2
Weaving and finishing broad wooleens	40.2	41.8	42.1	42.6	43.2	-	3.9	4.0	4.1	4.4
Narrow fabrics and smallwares	40.2	41.2	41.4	40.9	41.1	-	3.1	3.1	3.3	3.3
Knitting	39.2	38.7	38.9	38.9	39.0	-	2.6	2.4	2.3	2.4
Full-fashioned hosiery	-	36.2	37.5	37.1	35.8	-	-	-	-	-
Seamless hosiery	-	37.5	37.7	38.3	38.3	-	-	-	-	-
Knit outerwear	-	39.9	39.5	39.4	39.4	-	-	-	-	-
Knit underwear	-	38.1	38.9	39.3	39.5	-	-	-	-	-
Finishing textiles, except wool and knit	41.8	41.0	42.8	40.9	41.1	-	3.4	4.5	3.3	3.2
Floor covering	-	41.2	41.6	42.3	40.4	-	3.9	4.2	4.9	3.4
Yarn and thread	40.1	40.6	41.1	40.5	40.3	-	3.1	3.5	3.2	3.2
Miscellaneous textile goods	40.6	41.1	42.4	41.0	41.5	-	3.3	4.2	3.2	3.7
APPAREL AND RELATED PRODUCTS	36.5	36.3	36.3	36.9	36.5	-	1.3	1.3	1.5	1.3
Men's and boys' suits and coats	36.6	36.2	37.4	37.7	38.1	-	.6	1.0	1.2	1.0
Men's and boys' furnishings	37.9	38.0	37.8	38.6	38.0	-	1.2	1.3	1.6	1.3
Men's and boys' shirts and nightwear	-	37.6	37.5	39.2	38.3	-	-	-	-	-
Men's and boys' separate trousers	-	38.3	38.0	39.1	38.7	-	-	-	-	-
Work clothing	-	38.3	38.3	37.6	37.6	-	-	-	-	-
Women's, misses', and juniors' outerwear	34.4	34.4	33.7	34.8	34.6	-	1.5	1.3	1.6	1.5
Women's blouses, waists, and shirts	-	35.3	34.5	35.8	35.4	-	-	-	-	-
Women's, misses', and juniors' dresses	-	33.0	31.9	33.2	33.0	-	-	-	-	-
Women's suits, skirts, and coats	-	35.5	34.3	35.9	35.2	-	-	-	-	-
Women's and misses' outerwear, n.e.c.	-	35.8	36.9	37.5	37.5	-	-	-	-	-
Women's and children's undergarments	37.1	36.8	36.6	37.4	36.6	-	1.3	1.2	1.5	1.2
Women's and children's underwear	-	36.9	36.3	37.6	36.5	-	-	-	-	-
Corsets and allied garments	-	36.6	37.0	37.0	36.7	-	-	-	-	-
Hats, caps, and millinery	-	36.3	36.4	37.6	36.6	-	1.5	1.0	1.6	1.4
Girls' and children's outerwear	36.5	36.8	37.0	36.4	36.5	-	1.6	1.5	1.6	1.5
Children's dresses, blouses, and shirts	-	36.9	37.2	35.0	36.4	-	-	-	-	-
Fur goods and miscellaneous apparel	-	36.1	36.0	36.6	35.8	-	.9	.9	1.1	1.1
Miscellaneous fabricated textile products	38.1	37.4	38.2	38.1	37.1	-	1.6	1.8	1.8	1.5
Housefurnishings	-	37.2	37.6	38.0	36.8	-	-	-	-	-
PAPER AND ALLIED PRODUCTS	43.3	42.9	43.0	42.9	42.7	-	4.8	4.6	4.5	4.7
Paper and pulp	44.6	44.5	44.1	43.6	43.9	-	5.9	5.4	5.2	5.5
Paperboard	44.8	44.8	44.6	44.9	44.5	-	6.7	6.3	5.9	6.8
Converted paper and paperboard products	42.0	41.4	41.6	41.6	41.1	-	3.2	3.2	3.4	3.0
Bags, except textile bags	-	41.3	41.3	41.2	40.1	-	-	-	-	-
Paperboard containers and boxes	42.3	41.5	42.0	42.2	41.9	-	3.9	4.1	4.1	4.2
Folding and setup paperboard boxes	-	40.6	41.0	41.0	40.7	-	-	-	-	-
Corrugated and solid fiber boxes	-	42.6	43.3	43.4	42.5	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table C-2: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Nonmetallic Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	\$110.88	\$110.30	\$110.69	\$108.29	\$107.62	\$2.88	\$2.88	\$2.89	\$2.82	\$2.81
Newspaper publishing and printing	111.91	111.91	113.20	109.99	110.23	3.10	3.10	3.11	3.03	3.02
Periodical publishing and printing	-	118.59	115.49	115.54	111.28	-	2.95	2.88	2.86	2.81
Books	-	106.40	105.97	101.18	98.64	-	2.57	2.61	2.48	2.51
Commercial printing	113.29	112.03	112.32	110.54	109.87	2.89	2.88	2.88	2.82	2.81
Commercial printing, except lithographic	-	109.13	110.09	107.09	107.09	-	2.82	2.83	2.76	2.76
Commercial printing, lithographic	-	118.20	118.40	118.59	116.51	-	3.00	2.99	2.95	2.92
Bookbinding and related industries	87.81	86.85	88.24	87.30	84.75	2.24	2.25	2.28	2.21	2.19
Other publishing and printing industries	115.62	113.58	112.60	109.73	110.78	2.98	2.95	2.94	2.88	2.90
CHEMICALS AND ALLIED PRODUCTS	111.79	113.57	113.42	110.12	110.39	2.72	2.73	2.72	2.66	2.66
Industrial chemicals	124.53	128.33	127.60	124.09	124.38	3.03	3.07	3.06	2.99	2.99
Plastics and synthetics, except glass	110.43	114.36	113.94	109.41	110.99	2.70	2.71	2.70	2.63	2.63
Plastics and synthetics, except fibers	-	121.11	123.27	117.74	118.28	-	2.87	2.86	2.79	2.77
Synthetic fibers	-	105.08	103.42	99.46	100.91	-	2.49	2.48	2.42	2.42
Drugs	100.12	99.79	100.04	98.23	98.33	2.46	2.47	2.47	2.39	2.41
Pharmaceutical preparations	-	95.11	95.04	95.26	92.97	-	2.42	2.40	2.32	2.33
Soap, cleaners, and toilet goods	107.94	106.49	107.27	105.06	104.60	2.62	2.61	2.61	2.55	2.57
Soap and detergents	-	130.09	129.16	128.29	127.26	-	3.09	3.09	3.04	3.03
Toilet preparations	-	83.89	87.91	85.44	83.10	-	2.14	2.16	2.12	2.12
Paints, varnishes, and allied products	106.40	107.84	106.50	102.34	102.09	2.57	2.58	2.56	2.49	2.49
Agricultural chemicals	92.62	91.52	92.44	87.13	88.41	2.20	2.20	2.17	2.12	2.10
Fertilizers, complete and mixing only	-	88.20	88.61	82.82	83.38	-	2.11	2.08	2.02	1.99
Other chemical products	106.30	108.52	107.94	104.67	104.25	2.58	2.59	2.57	2.51	2.50
PETROLEUM REFINING AND RELATED INDUSTRIES	130.21	133.35	133.25	126.35	129.44	3.13	3.16	3.15	3.03	3.06
Petroleum refining	134.39	138.61	138.53	129.34	133.54	3.31	3.34	3.33	3.17	3.21
Other petroleum and coal products	116.22	113.79	113.09	113.40	113.45	2.56	2.54	2.53	2.52	2.51
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	98.58	100.44	100.53	99.80	100.61	2.45	2.48	2.47	2.44	2.46
Tires and inner tubes	125.45	130.40	128.88	131.70	136.83	3.25	3.26	3.23	3.22	3.25
Other rubber products	94.56	94.80	97.27	94.83	93.67	2.37	2.37	2.37	2.33	2.33
Miscellaneous plastic products	87.77	87.76	87.56	85.90	86.10	2.12	2.13	2.12	2.09	2.10
LEATHER AND LEATHER PRODUCTS	67.61	66.12	66.70	65.53	65.84	1.77	1.74	1.76	1.72	1.71
Leather tanning and finishing	91.76	90.85	93.75	87.82	85.89	2.26	2.26	2.27	2.19	2.18
Foot wear, except rubber	65.36	64.39	64.30	63.67	64.46	1.72	1.69	1.71	1.68	1.67
Other leather products	65.53	62.90	64.09	62.37	62.21	1.72	1.70	1.70	1.65	1.65
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads *	-	(2)	(2)	118.21	116.45	-	(2)	(2)	2.73	2.74
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	-	101.94	103.63	100.39	99.88	-	2.41	2.41	2.34	2.35
Intercity and rural bus lines	-	133.02	124.27	128.24	126.00	-	2.93	2.87	2.80	2.80
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	119.70	118.58	115.78	115.08	-	2.85	2.81	2.75	2.74
PIPELINE TRANSPORTATION	-	139.06	140.56	130.09	137.37	-	3.40	3.42	3.22	3.31
COMMUNICATION:										
Telephone communication	-	101.71	102.00	99.29	99.54	-	2.53	2.55	2.47	2.47
Switchboard operating employees ³	-	77.04	77.38	75.78	76.76	-	2.06	2.08	2.01	2.02
Line construction employees ⁴	-	146.37	143.86	141.38	141.51	-	3.26	3.24	3.17	3.18
Telegraph communication ⁵	-	112.98	113.25	110.08	111.11	-	2.69	2.69	2.59	2.59
Radio and television broadcasting	-	131.38	132.10	126.10	127.53	-	3.36	3.37	3.25	3.27
ELECTRIC, GAS, AND SANITARY SERVICES										
Electric companies and systems	-	120.72	121.42	116.44	116.72	-	2.93	2.94	2.84	2.84
Gas companies and systems	-	124.20	123.55	118.82	119.52	-	3.00	2.97	2.87	2.88
Combined utility systems	-	111.93	112.74	106.92	107.73	-	2.75	2.77	2.64	2.66
Water, steam, and sanitary systems	-	129.27	131.14	125.97	125.87	-	3.13	3.16	3.08	3.07
	-	97.64	97.41	94.66	95.94	-	2.37	2.37	2.32	2.34

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
HOURS AND EARNINGSTable C-2: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
<i>Nonferrous Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	38.5	38.3	38.3	38.4	38.3	-	2.6	2.7	2.9	2.7
Newspaper publishing and printing	36.1	36.1	36.4	36.3	36.5	-	2.0	2.6	2.5	2.4
Periodical publishing and printing	-	40.2	40.1	40.4	39.6	-	3.4	2.8	3.3	2.5
Books	-	41.4	40.6	40.8	39.3	-	4.4	3.5	3.6	3.4
Commercial printing	39.2	38.9	39.0	39.2	39.1	-	2.8	2.8	3.0	2.8
Commercial printing, except lithographic	-	38.7	38.9	38.8	38.8	-	-	-	-	-
Commercial printing, lithographic	-	39.4	39.6	40.2	39.9	-	-	-	-	-
Bookbinding and related industries	39.2	38.6	38.7	39.5	38.7	-	2.1	2.4	2.7	2.4
Other publishing and printing industries	38.8	38.5	38.3	38.1	38.2	-	2.4	2.4	2.8	2.7
CHEMICALS AND ALLIED PRODUCTS	41.1	41.6	41.7	41.4	41.5	-	2.6	2.6	2.4	2.6
Industrial chemicals	41.1	41.8	41.7	41.5	41.6	-	2.6	2.5	2.4	2.6
Plastics and synthetics, except glass	40.9	42.2	42.2	41.6	42.2	-	2.5	2.7	2.2	2.6
Plastics and synthetics, except fibers	-	42.2	43.1	42.2	42.7	-	-	-	-	-
Synthetic fibers	-	42.2	41.7	41.1	41.7	-	-	-	-	-
Drugs	40.7	40.4	40.5	41.1	40.8	-	2.3	2.2	2.3	2.3
Pharmaceutical preparations	-	39.3	39.6	40.2	39.9	-	-	-	-	-
Soap, cleaners, and toilet goods	41.2	40.8	41.1	41.2	40.7	-	2.5	2.4	2.8	2.5
Soap and detergents	-	42.1	41.8	42.2	42.0	-	-	-	-	-
Toilet preparations	-	39.2	40.7	40.3	39.2	-	-	-	-	-
Paints, varnishes, and allied products	41.4	41.8	41.6	41.1	41.0	-	2.9	2.8	2.3	2.4
Agricultural chemicals	42.1	41.6	42.6	41.1	42.1	-	3.0	3.6	2.5	3.1
Fertilizers, complete and mixing only	-	41.8	42.6	41.0	41.9	-	-	-	-	-
Other chemical products	41.2	41.9	42.0	41.7	41.7	-	2.9	2.8	2.8	2.7
PETROLEUM REFINING AND RELATED INDUSTRIES	41.6	42.2	42.3	41.7	42.3	-	2.8	2.7	2.2	2.6
Petroleum refining	40.6	41.5	41.6	40.8	41.6	-	2.0	1.9	1.3	1.7
Other petroleum and coal products	45.4	44.8	44.7	45.0	45.2	-	5.9	5.6	5.9	6.1
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	40.2	40.5	40.7	40.9	40.9	-	3.0	2.9	3.1	3.0
Tires and inner tubes	38.6	40.0	39.9	40.9	42.1	-	3.7	2.8	3.5	3.6
Other rubber products	39.9	40.0	40.7	40.7	40.2	-	2.4	2.6	2.9	2.6
Miscellaneous plastic products	41.4	41.2	41.3	41.1	41.0	-	3.3	3.3	3.0	3.1
LEATHER AND LEATHER PRODUCTS	38.2	38.0	37.9	38.1	38.5	-	1.3	1.4	1.5	1.4
Leather tanning and finishing	40.6	40.2	41.3	40.1	39.4	-	2.6	3.2	2.8	2.4
Foot wear, except rubber	38.0	38.1	37.6	37.9	38.6	-	1.2	1.2	1.2	1.3
Other leather products	38.1	37.0	37.7	37.8	37.7	-	1.2	1.4	1.8	1.5
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads *	-	(2)	(2)	43.3	42.5	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	-	42.3	43.0	42.9	42.5	-	-	-	-	-
Intercity and rural bus lines	-	45.4	43.3	45.8	45.0	-	-	-	-	-
MOTOR FREIGHT TRANSPORTATION AND STORAGE	-	42.0	42.2	42.1	42.0	-	-	-	-	-
PIPELINE TRANSPORTATION	-	40.9	41.1	40.4	41.5	-	-	-	-	-
COMMUNICATION:										
Telephone communication	-	40.2	40.0	40.2	40.3	-	-	-	-	-
Switchboard operating employees ³	-	37.4	37.2	37.7	38.0	-	-	-	-	-
Line construction employees ⁴	-	44.9	44.4	44.6	44.5	-	-	-	-	-
Telegraph communication ⁵	-	42.0	42.1	42.5	42.9	-	-	-	-	-
Radio and television broadcasting	-	39.1	39.2	38.8	39.0	-	-	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES	-	41.2	41.3	41.0	41.1	-	-	-	-	-
Electric companies and systems	-	41.4	41.6	41.4	41.5	-	-	-	-	-
Gas companies and systems	-	40.7	40.7	40.5	40.5	-	-	-	-	-
Combined utility systems	-	41.3	41.5	40.9	41.0	-	-	-	-	-
Water, steam, and sanitary systems	-	41.2	41.1	40.8	41.0	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table C-2: Gross hours and earnings of production workers] by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
WHOLESALE AND RETAIL TRADE⁶	-	\$78.79	\$78.19	\$76.05	\$76.44	-	\$2.01	\$2.01	\$1.94	\$1.95
WHOLESALE TRADE	-	99.96	100.12	96.46	97.34	-	2.45	2.46	2.37	2.38
Motor vehicles and automotive equipment	-	94.89	94.66	93.26	93.04	-	2.27	2.27	2.21	2.21
Drugs, chemicals, and allied products	-	100.60	100.65	97.84	97.69	-	2.49	2.51	2.44	2.43
Dry goods and apparel	-	90.62	90.86	92.37	91.61	-	2.41	2.41	2.45	2.43
Groceries and related products	-	95.18	94.47	90.92	90.72	-	2.25	2.26	2.17	2.16
Electrical goods	-	102.77	102.77	100.04	101.84	-	2.55	2.55	2.47	2.49
Hardware, plumbing, and heating goods	-	94.60	96.05	92.92	93.79	-	2.33	2.36	2.30	2.31
Machinery, equipment, and supplies	-	108.65	109.06	104.39	103.66	-	2.65	2.66	2.54	2.51
RETAIL TRADE⁶	-	69.30	68.96	67.16	67.38	-	1.80	1.81	1.74	1.75
General merchandise stores	-	55.42	54.79	53.15	53.35	-	1.57	1.57	1.51	1.52
Department stores	-	60.20	59.68	58.12	58.12	-	1.73	1.74	1.67	1.67
Limited price variety stores	-	40.84	40.22	40.12	39.96	-	1.23	1.23	1.18	1.20
Food stores	-	67.68	66.93	66.25	66.80	-	1.88	1.88	1.82	1.83
Grocery, meat, and vegetable stores	-	69.31	68.74	67.53	68.26	-	1.92	1.92	1.85	1.86
Apparel and accessories stores	-	55.62	54.70	54.47	54.87	-	1.58	1.59	1.53	1.55
Men's and boys' apparel stores	-	67.84	67.28	66.53	67.44	-	1.79	1.78	1.76	1.77
Women's ready-to-wear stores	-	49.42	48.76	47.89	48.16	-	1.42	1.43	1.38	1.40
Family clothing stores	-	55.74	54.32	54.00	53.91	-	1.57	1.53	1.50	1.51
Shoe stores	-	56.78	54.15	56.83	57.59	-	1.67	1.73	1.61	1.65
Furniture and appliance stores	-	82.82	82.62	81.56	81.76	-	2.03	2.02	1.97	1.97
Other retail trade	-	79.38	78.81	76.68	76.49	-	1.89	1.89	1.83	1.83
Motor vehicle dealers	-	98.34	98.99	93.51	94.17	-	2.24	2.26	2.13	2.15
Other vehicle and accessory dealers	-	84.36	82.65	81.33	81.51	-	1.90	1.87	1.84	1.84
Drug stores	-	60.59	60.10	58.59	58.28	-	1.62	1.62	1.55	1.55
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	-	74.77	74.40	71.80	72.56	-	2.01	2.00	1.93	1.94
Security dealers and exchanges	-	118.82	123.77	110.68	116.29	-	-	-	-	-
Insurance carriers	-	96.35	96.13	94.19	94.76	-	-	-	-	-
Life insurance	-	101.83	101.21	100.61	100.81	-	-	-	-	-
Accident and health insurance	-	81.48	82.06	78.34	78.00	-	-	-	-	-
Fire, marine, and casualty insurance	-	91.81	92.20	88.46	89.70	-	-	-	-	-
SERVICES AND MISCELLANEOUS:										
Hotels and lodging places:										
Hotels, tourist courts, and motels ⁷	-	48.60	47.36	45.60	45.54	-	1.20	1.23	1.14	1.15
Personal services:										
Laundries, cleaning and dyeing plants	-	51.74	52.67	50.44	50.70	-	1.33	1.33	1.29	1.29
Motion pictures:										
Motion picture filming and distributing	-	130.36	128.89	123.46	120.92	-	-	-	-	-

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
HOURS AND EARNINGSTable C-2: Gross hours and earnings of production workers¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
WHOLESALE AND RETAIL TRADE⁶	-	39.2	38.9	39.2	39.2	-	-	-	-	-
WHOLESALE TRADE	-	40.8	40.7	40.7	40.9	-	-	-	-	-
Motor vehicles and automotive equipment	-	41.8	41.7	42.2	42.1	-	-	-	-	-
Drugs, chemicals, and allied products	-	40.4	40.1	40.1	40.2	-	-	-	-	-
Dry goods and apparel	-	37.6	37.7	37.7	37.7	-	-	-	-	-
Groceries and related products	-	42.3	41.8	41.9	42.0	-	-	-	-	-
Electrical goods	-	40.3	40.3	40.5	40.9	-	-	-	-	-
Hardware, plumbing, and heating goods	-	40.6	40.7	40.4	40.6	-	-	-	-	-
Machinery, equipment, and supplies	-	41.0	41.0	41.1	41.3	-	-	-	-	-
RETAIL TRADE⁶	-	38.5	38.1	38.6	38.5	-	-	-	-	-
General merchandise stores	-	35.3	34.9	35.2	35.1	-	-	-	-	-
Department stores	-	34.8	34.3	34.8	34.8	-	-	-	-	-
Limited price variety stores	-	33.2	32.7	34.0	33.3	-	-	-	-	-
Food stores	-	36.0	35.6	36.4	36.5	-	-	-	-	-
Grocery, meat, and vegetable stores	-	36.1	35.8	36.5	36.7	-	-	-	-	-
Apparel and accessories stores	-	35.2	34.4	35.6	35.4	-	-	-	-	-
Men's and boys' apparel stores	-	37.9	37.8	37.8	38.1	-	-	-	-	-
Women's ready-to-wear stores	-	34.8	34.1	34.7	34.4	-	-	-	-	-
Family clothing stores	-	35.5	35.5	36.0	35.7	-	-	-	-	-
Shoe stores	-	34.0	31.3	35.3	34.9	-	-	-	-	-
Furniture and appliance stores	-	40.8	40.9	41.4	41.5	-	-	-	-	-
Other retail trade	-	42.0	41.7	41.9	41.8	-	-	-	-	-
Motor vehicle dealers	-	43.9	43.8	43.9	43.8	-	-	-	-	-
Other vehicle and accessory dealers	-	44.4	44.2	44.2	44.3	-	-	-	-	-
Drug stores	-	37.4	37.1	37.8	37.6	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	-	37.2	37.2	37.2	37.4	-	-	-	-	-
Security dealers and exchanges	-	-	-	-	-	-	-	-	-	-
Insurance carriers	-	-	-	-	-	-	-	-	-	-
Life insurance	-	-	-	-	-	-	-	-	-	-
Accident and health insurance	-	-	-	-	-	-	-	-	-	-
Fire, marine, and casualty insurance	-	-	-	-	-	-	-	-	-	-
SERVICES AND MISCELLANEOUS:										
Hotels and lodging places:										
Hotels, tourist courts, and motels ⁷	-	40.5	38.5	40.0	39.6	-	-	-	-	-
Personal services:										
Laundries, cleaning and dyeing plants	-	38.9	39.6	39.1	39.3	-	-	-	-	-
Motion pictures:										
Motion picture filming and distributing	-	-	-	-	-	-	-	-	-	-

¹For mining and manufacturing, laundries, and cleaning and dyeing plants, data refer to production and related workers; for contract construction, to construction workers; and for all other industries, to nonsupervisory workers.

²Not available.

³Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1960, such employees made up 35 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁴Data 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. In 1960, such employees made up 30 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵Data relate to nonsupervisory employees except messengers.

⁶Data exclude eating and drinking places.

⁷Money payments only; additional value of board, room, uniforms, and tips, not included.

*Class I Railroads-January 1963: \$118.25, \$2.75, and 43.0.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table C-3: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry

Major industry group	Average hourly earnings excluding overtime ¹				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
MANUFACTURING	\$2.35	\$2.37	\$2.37	\$2.29	\$2.30
DURABLE GOODS	2.52	2.54	2.54	2.45	2.47
Ordnance and accessories	-	2.81	2.79	2.75	2.75
Lumber and wood products, except furniture	-	1.94	1.93	1.92	1.92
Furniture and fixtures	-	1.92	1.92	1.88	1.88
Stone, clay, and glass products	-	2.37	2.37	2.32	2.31
Primary metal industries	-	2.96	2.96	2.88	2.88
Fabricated metal products	-	2.51	2.51	2.46	2.47
Machinery	-	2.67	2.67	2.60	2.60
Electrical equipment and supplies	-	2.40	2.40	2.33	2.34
Transportation equipment	-	2.88	2.87	2.79	2.79
Instruments and related products	-	2.41	2.42	2.36	2.36
Miscellaneous manufacturing industries	-	1.97	1.97	1.90	1.92
NONDURABLE GOODS	2.13	2.14	2.14	2.09	2.10
Food and kindred products	-	2.20	2.22	2.12	2.12
Tobacco manufactures	-	2.00	1.99	1.78	1.95
Textile mill products	-	1.64	1.64	1.62	1.62
Apparel and related products	-	1.67	1.66	1.66	1.65
Paper and allied products	-	2.37	2.35	2.29	2.29
Printing, publishing, and allied industries	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	2.65	2.64	2.58	2.58
Petroleum refining and related industries	-	3.05	3.05	2.95	2.97
Rubber and miscellaneous plastic products	-	2.39	2.39	2.35	2.38
Leather and leather products	-	1.71	1.73	1.69	1.68

¹Derived by assuming that overtime hours are paid at the rate of time and one-half.

²Not available as average overtime rates are significantly above time and one-half. Inclusion of data for the group in the nondurable goods total has little effect.

NOTE: Data for the 2 most recent months are preliminary.

Table C-4: Gross and spendable average weekly earnings in selected industries, in current and 1957-59 dollars¹

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
MINING:									
Current dollars	\$112.34	\$117.85	\$109.08	\$89.55	\$93.77	\$87.52	\$98.00	\$102.52	\$95.80
1957-59 dollars	104.89	110.55	103.39	83.61	87.96	82.96	91.50	96.17	90.81
CONTRACT CONSTRUCTION:									
Current dollars	130.90	129.79	126.01	103.77	102.92	100.48	113.22	112.31	109.68
1957-59 dollars	122.22	121.75	119.44	96.89	96.55	95.24	105.71	105.36	103.96
MANUFACTURING:									
Current dollars	99.23	100.37	96.39	79.51	80.38	77.72	87.25	88.18	85.39
1957-59 dollars	92.65	94.16	91.36	74.24	75.40	73.67	81.47	82.72	80.94
WHOLESALE AND RETAIL TRADE:²									
Current dollars	78.79	78.19	76.44	63.64	63.18	62.23	70.98	70.51	69.52
1957-59 dollars	73.57	73.35	72.45	59.42	59.27	58.99	66.27	66.14	65.90

¹For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; for wholesale and retail trade, to nonsupervisory workers.

²Data exclude eating and drinking places.

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**Table C-5: Indexes of aggregate weekly man-hours and payrolls in industrial
and construction activities¹**

Industry	1957-59=100				
	Aug. 1963	July 1963	June 1963	Aug. 1962	July 1962
	Man-hours				
TOTAL	105.0	103.9	104.4	103.9	102.3
MINING	85.0	82.6	86.7	86.5	83.3
CONTRACT CONSTRUCTION	124.2	121.5	116.1	119.5	116.1
MANUFACTURING	102.5	101.8	103.1	101.9	100.7
DURABLE GOODS	101.0	102.4	104.7	99.3	99.9
Ordnance and accessories	149.1	147.0	148.8	154.5	149.3
Lumber and wood products, except furniture	100.7	95.5	95.3	101.7	99.1
Furniture and fixtures	109.9	105.1	106.0	108.6	102.7
Stone, clay, and glass products	109.8	109.5	109.3	107.5	105.7
Primary metal industries	98.3	101.2	105.2	90.3	90.2
Fabricated metal products	105.4	102.6	105.7	100.7	99.7
Machinery	101.9	102.3	104.9	101.6	102.4
Electrical equipment and supplies	113.5	112.7	115.5	116.0	114.4
Transportation equipment	78.8	92.5	95.0	78.0	88.3
Instruments and related products	107.3	105.2	106.9	104.2	101.9
Miscellaneous manufacturing industries	105.2	99.4	102.6	106.5	101.0
NONDURABLE GOODS	104.5	101.0	101.0	105.3	101.8
Food and kindred products	103.5	97.6	93.4	105.8	101.3
Tobacco manufactures	110.4	75.5	78.4	104.3	74.9
Textile mill products	96.6	94.5	97.1	98.3	96.6
Apparel and related products	112.4	108.0	108.5	112.0	105.0
Paper and allied products	110.4	106.8	107.8	107.7	105.8
Printing, publishing, and allied industries	104.9	103.7	104.4	104.9	103.7
Chemicals and allied products	103.9	105.3	105.9	103.8	103.8
Petroleum refining and related industries	85.0	85.5	84.9	88.1	90.3
Rubber and miscellaneous plastic products	110.1	109.8	114.3	114.0	111.5
Leather and leather products	100.3	96.3	96.2	101.5	99.4
	Payrolls				
MINING	-	90.0	95.9	93.2	89.6
CONTRACT CONSTRUCTION	-	146.4	138.9	139.7	135.4
MANUFACTURING	118.0	118.1	119.9	114.1	113.6

¹For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.

NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS**

**Table C-6: Average weekly hours of production workers on payrolls of selected industries¹
seasonally adjusted**

Industry	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963	Dec. 1962	Nov. 1962	Oct. 1962	Sept. 1962	Aug. 1962
MINING	-	41.0	42.2	41.9	41.6	41.0	41.5	41.3	40.8	41.0	40.9	41.2	41.1
CONTRACT CONSTRUCTION	-	37.3	37.6	37.5	37.5	37.3	36.1	37.0	36.1	36.8	36.8	37.4	37.1
MANUFACTURING	40.3	40.4	40.5	40.5	40.1	40.5	40.3	40.4	40.2	40.4	40.2	40.7	40.2
DURABLE	41.0	41.2	41.3	41.1	40.7	41.0	41.0	40.9	41.1	40.9	40.8	41.2	40.9
Ordnance and accessories	41.2	41.0	41.4	40.9	40.4	40.7	41.4	41.2	41.2	41.1	41.0	41.2	41.2
Lumber and wood products, except furniture ...	40.4	40.5	40.1	39.5	39.9	39.9	40.1	39.9	39.9	39.9	39.5	40.2	40.3
Furniture and fixtures	41.0	41.2	40.9	40.9	40.5	40.7	40.9	40.8	40.4	40.6	40.6	40.7	40.6
Stone, clay, and glass products	41.0	41.3	41.5	41.6	41.3	41.4	40.9	40.8	40.5	41.0	41.1	41.2	41.2
Primary metal industries	40.9	41.1	41.7	41.6	41.3	40.5	40.6	40.3	40.2	40.0	39.7	40.1	39.7
Fabricated metal products	41.5	41.2	41.2	41.4	40.9	41.2	41.3	41.3	41.1	41.1	41.1	41.0	40.9
Machinery	41.7	41.6	41.7	41.5	41.2	41.6	41.7	41.7	41.7	41.6	41.6	41.8	41.7
Electrical equipment and supplies	40.3	40.7	40.4	40.4	40.1	40.3	40.4	40.3	40.4	40.4	40.4	40.6	40.5
Transportation equipment	41.3	42.0	42.2	41.9	41.4	41.8	41.9	42.5	42.4	42.3	42.2	42.3	41.8
Instruments and related products	40.7	40.6	40.7	40.8	40.5	41.0	41.1	40.6	40.8	40.9	40.7	40.9	41.0
Miscellaneous manufacturing industries	39.6	39.6	39.5	39.6	39.2	39.6	39.8	39.6	39.4	39.2	39.4	40.0	39.7
NONDURABLE GOODS	39.5	39.5	39.6	39.7	39.3	39.8	39.7	39.6	39.4	39.5	39.3	39.8	39.5
Food and kindred products	41.0	40.9	41.0	40.8	40.7	41.1	40.9	40.8	41.0	41.0	40.6	41.0	40.8
Tobacco manufactures	39.3	39.8	39.7	39.0	35.6	39.2	37.6	39.2	38.8	39.2	38.4	38.9	37.5
Textile mill products	40.5	40.4	40.5	40.6	40.2	40.7	40.3	40.2	40.3	40.0	40.2	40.4	40.4
Apparel and related products	35.6	36.0	36.0	36.4	35.9	36.5	36.3	36.3	36.0	36.1	36.0	36.8	36.0
Paper and allied products	42.9	42.7	42.7	42.6	42.2	42.8	42.7	42.7	42.8	42.5	42.3	42.6	42.5
Printing, publishing, and allied industries	38.4	38.4	38.3	38.4	38.3	38.4	38.4	38.2	38.1	38.1	38.1	38.4	38.3
Chemicals and allied products	41.2	41.6	41.4	41.6	41.8	41.6	41.4	41.4	41.7	41.4	41.5	41.5	41.5
Petroleum refining and related industries	41.6	41.5	41.9	41.9	42.3	41.3	41.3	41.7	42.0	41.6	41.6	42.0	41.7
Rubber and miscellaneous plastic products	40.0	40.2	40.1	40.4	40.7	41.1	41.1	41.0	41.0	40.8	40.8	41.1	40.7
Leather and leather products	37.7	37.0	37.3	37.3	36.8	36.9	37.1	36.8	36.9	37.0	37.2	38.0	37.6
WHOLESALE AND RETAIL TRADE²	-	38.7	38.7	38.7	38.7	38.6	38.7	38.6	38.7	38.7	38.7	38.8	38.7
WHOLESALE TRADE	-	40.5	40.6	40.6	40.5	40.6	40.6	40.5	40.6	40.6	40.5	40.6	40.6
RETAIL TRADE²	-	37.9	37.9	37.8	37.9	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9

¹For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; and for wholesale and retail trade, to non-supervisory workers.

²Data exclude eating and drinking places.

NOTE: Data for the 2 most recent months are preliminary.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**
**Table C-7: Indexes of aggregate weekly man-hours in industrial and construction activities¹
seasonally adjusted**

1957-59=100

Industry	Aug. 1963	July 1963	June 1963	May 1963	Apr. 1963	Mar. 1963	Feb. 1963	Jan. 1963	Dec. 1962	Nov. 1962	Oct. 1962	Sept. 1962	Aug. 1962
TOTAL	100.7	101.9	101.9	101.8	100.8	100.1	99.3	99.8	99.1	99.3	99.5	100.6	99.7
MINING	82.1	82.4	83.9	83.5	83.1	80.6	81.7	81.5	81.2	81.9	82.2	83.3	83.5
CONTRACT CONSTRUCTION	104.6	105.6	105.9	104.7	104.0	100.7	98.1	101.8	98.1	100.0	99.6	101.6	100.7
MANUFACTURING	101.0	102.2	102.1	102.1	101.1	101.0	100.4	100.3	100.2	100.1	100.4	101.2	100.4
DURABLE GOODS	101.7	103.3	103.1	102.8	101.8	101.0	100.7	100.6	100.2	100.1	100.4	101.0	100.0
Ordnance and accessories	150.8	150.1	151.6	148.5	145.4	147.7	151.6	152.1	152.1	153.0	152.6	153.3	157.1
Lumber and wood products, except furniture ...	93.5	90.5	89.1	93.4	94.0	95.8	95.0	94.9	93.5	93.8	92.2	93.8	94.6
Furniture and fixtures	106.5	108.0	106.9	106.3	104.9	105.4	105.6	106.0	104.3	104.5	104.2	104.4	105.2
Stone, clay, and glass products	103.8	105.0	104.6	104.7	103.3	101.6	99.2	99.3	98.2	100.7	101.5	101.4	101.8
Primary metal industries	99.6	102.8	103.2	101.5	99.6	94.6	93.7	91.9	91.8	90.9	90.4	92.2	91.6
Fabricated metal products	104.7	104.0	103.6	103.5	102.1	101.3	101.1	100.6	100.4	100.0	100.5	100.7	99.9
Machinery	103.5	102.7	102.5	101.8	101.2	101.9	102.1	102.8	102.7	103.4	103.7	103.4	103.2
Electrical equipment and supplies	113.7	116.1	116.2	116.0	115.1	115.0	115.1	115.2	115.7	115.4	115.6	116.4	116.6
Transportation equipment	88.0	94.4	94.8	93.3	93.1	92.0	91.8	92.3	91.7	90.3	92.2	92.4	86.9
Instruments and related products	107.0	107.2	107.0	106.0	104.7	105.1	104.9	103.7	103.3	103.1	103.0	103.1	104.2
Miscellaneous manufacturing industries	101.6	102.2	100.7	101.9	100.2	101.2	101.1	100.6	100.1	100.8	101.4	102.9	102.8
NONDURABLE GOODS	100.1	100.8	100.7	101.3	100.1	101.0	100.0	100.0	100.1	100.1	100.3	101.6	100.8
Food and kindred products	92.6	93.0	93.4	93.6	92.8	95.4	94.2	94.3	95.0	94.3	94.0	95.5	94.7
Tobacco manufactures	97.0	91.0	90.8	91.6	84.7	92.0	88.3	92.0	93.4	95.6	94.8	96.1	92.6
Textile mill products	95.0	95.1	95.3	95.7	95.0	96.2	95.1	95.0	95.5	95.0	95.7	96.4	96.7
Apparel and related products	106.9	110.4	109.5	111.8	108.6	109.2	107.6	107.1	106.0	106.5	106.7	109.4	106.5
Paper and allied products	108.2	107.0	106.6	106.1	104.7	106.6	105.9	106.1	106.2	105.0	105.1	105.7	105.6
Printing, publishing, and allied industries	105.0	104.8	104.5	105.0	104.0	102.5	102.2	102.2	101.7	104.0	104.4	105.2	104.9
Chemicals and allied products	104.0	105.8	105.1	105.2	105.5	104.4	103.9	103.5	103.6	103.3	103.7	103.9	103.9
Petroleum refining and related industries	83.1	82.9	82.3	83.0	83.8	81.2	81.2	81.3	83.9	83.1	83.1	83.9	86.1
Rubber and miscellaneous plastic products	109.4	112.1	113.2	115.1	115.6	114.9	113.9	114.7	113.6	113.4	113.4	114.2	113.5
Leather and leather products	96.2	94.5	94.3	94.6	92.4	93.6	94.1	93.3	95.1	95.7	96.5	98.6	97.8

¹For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.

NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

Table C-8: Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
ALABAMA	\$86.28	\$86.07	\$82.21	40.7	40.6	40.3	\$2.12	\$2.12	\$2.04
Birmingham.....	111.08	115.63	104.68	40.1	42.2	39.5	2.77	2.74	2.65
Mobile.....	109.56	103.28	98.47	41.5	40.5	41.2	2.64	2.55	2.39
ARIZONA	106.67	106.00	102.03	40.1	40.0	39.7	2.66	2.65	2.57
Phoenix.....	106.93	105.87	103.34	39.9	39.8	39.9	2.68	2.66	2.59
Tucson.....	110.11	112.50	103.63	38.5	39.2	38.1	2.86	2.87	2.72
ARKANSAS	69.77	70.28	68.14	40.8	41.1	40.8	1.71	1.71	1.67
Fort Smith.....	71.02	70.27	66.81	39.9	39.7	39.3	1.78	1.77	1.70
Little Rock-North Little Rock.....	68.51	68.51	66.70	40.3	40.3	39.7	1.70	1.70	1.68
Pine Bluff.....	81.75	83.20	84.03	37.5	41.6	41.6	2.18	2.00	2.02
CALIFORNIA	116.06	116.47	112.84	40.3	40.3	40.3	2.88	2.89	2.80
Bakersfield.....	125.14	124.92	120.58	41.3	41.5	40.6	3.03	3.01	2.97
Fresno.....	96.47	93.62	93.25	38.9	37.6	37.6	2.48	2.49	2.48
Los Angeles-Long Beach.....	113.93	114.90	111.52	40.4	40.6	40.7	2.82	2.83	2.74
Sacramento.....	137.61	132.07	133.34	41.7	41.4	41.8	3.30	3.19	3.19
San Bernardino-Riverside-Ontario.....	117.74	117.96	113.36	40.6	41.1	40.2	2.90	2.87	2.82
San Diego.....	124.09	122.80	118.50	39.9	40.4	39.9	3.11	3.07	2.97
San Francisco-Oakland.....	124.18	124.80	119.29	39.8	40.0	39.5	3.12	3.12	3.02
San Jose.....	118.08	120.58	113.96	41.0	40.6	40.7	2.88	2.97	2.80
Stockton.....	117.16	112.96	110.70	41.4	40.2	41.0	2.83	2.81	2.70
COLORADO	110.02	110.15	109.82	40.9	41.1	41.6	2.69	2.68	2.64
Denver.....	109.62	108.27	109.18	40.6	40.4	41.2	2.70	2.68	2.65
CONNECTICUT	104.24	105.41	101.84	41.2	41.5	41.4	2.53	2.54	2.46
Bridgeport.....	108.68	110.14	104.49	41.8	42.2	41.3	2.60	2.61	2.53
Hartford.....	110.46	109.30	105.57	42.0	41.4	41.4	2.63	2.64	2.55
New Britain.....	102.72	102.31	101.52	40.6	40.6	41.1	2.53	2.52	2.47
New Haven.....	101.05	103.38	98.40	40.1	40.7	41.0	2.52	2.54	2.40
Stamford.....	112.05	111.78	106.66	41.5	41.4	41.5	2.70	2.70	2.57
Waterbury.....	104.49	103.91	105.50	41.3	41.4	42.2	2.53	2.51	2.50
DELAWARE	103.98	105.67	97.75	41.1	42.1	40.9	2.53	2.51	2.39
Wilmington.....	116.44	117.58	112.61	41.0	41.4	41.1	2.84	2.84	2.74
DISTRICT OF COLUMBIA:									
Washington.....	113.83	113.12	106.11	39.8	40.4	40.5	2.86	2.80	2.62
FLORIDA	85.69	84.46	82.42	41.0	40.8	40.8	2.09	2.07	2.02
Jacksonville.....	87.02	87.23	84.99	40.1	40.2	39.9	2.17	2.17	2.13
Miami.....	78.99	78.79	77.99	39.3	39.2	38.8	2.01	2.01	2.01
Tampa-St. Petersburg.....	88.82	88.41	86.51	42.5	42.3	42.2	2.09	2.09	2.05
GEORGIA	72.80	73.35	71.15	40.0	40.3	40.2	1.82	1.82	1.77
Atlanta.....	91.08	91.13	89.69	40.3	40.5	40.4	2.26	2.25	2.22
Savannah.....	89.93	93.73	93.79	39.1	40.4	40.6	2.30	2.32	2.31
IDaho	102.26	107.75	94.08	41.4	43.8	38.4	2.47	2.46	2.45
ILLINOIS	108.89	109.93	104.45	40.9	41.1	40.5	2.66	2.67	2.58
Chicago.....	(1)	112.20	106.57	(1)	41.4	40.6	(1)	2.71	2.62
INDIANA	112.47	114.30	106.80	41.0	41.5	40.6	2.74	2.75	2.63
Indianapolis.....	(1)	112.73	108.51	(1)	41.4	41.3	(1)	2.72	2.63
IOWA	103.70	105.41	100.17	39.9	40.5	39.6	2.60	2.61	2.53
Des Moines.....	115.39	116.83	111.13	39.7	40.2	39.8	2.91	2.90	2.80
KANSAS	106.57	105.23	103.62	41.8	41.5	41.6	2.55	2.53	2.49
Topeka.....	110.74	108.88	112.68	41.3	41.4	43.0	2.68	2.63	2.62
Wichita.....	113.09	111.26	105.16	41.6	41.2	40.3	2.72	2.70	2.61

See footnotes at end of table.
NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
Table C-8: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
	KENTUCKY.....	\$97.51	\$98.06	\$92.52	40.8	41.2	40.4	\$2.39	\$2.38	$2.29
Louisville.....	113.03	116.09	107.82	41.5	42.4	41.1	2.72	2.74	2.63
LOUISIANA.....	102.12	100.67	96.98	42.2	42.3	41.8	2.42	2.38	2.32
Baton Rouge.....	127.60	125.86	125.22	41.7	41.4	41.6	3.06	3.04	3.01
New Orleans.....	103.07	102.91	98.40	40.9	41.0	40.0	2.52	2.51	2.46
Shreveport.....	95.53	94.39	92.80	41.9	41.4	41.8	2.28	2.28	2.22
MAINE.....	80.32	78.55	77.14	41.4	40.7	40.6	1.94	1.93	1.90
Lewiston-Auburn.....	67.47	67.42	67.55	39.0	39.2	39.5	1.73	1.72	1.71
Portland.....	90.07	88.29	87.78	41.7	40.5	42.2	2.16	2.18	2.08
MARYLAND.....	101.59	101.43	95.60	40.8	40.9	40.0	2.49	2.48	2.39
Baltimore.....	107.42	107.68	101.45	41.0	41.1	40.1	2.62	2.62	2.53
MASSACHUSETTS.....	90.91	92.23	89.20	39.7	40.1	40.0	2.29	2.30	2.23
Boston.....	98.25	100.75	95.20	39.3	40.3	39.5	2.50	2.50	2.41
Fall River.....	63.90	61.60	65.34	35.5	35.0	36.5	1.80	1.76	1.79
New Bedford.....	71.43	71.24	70.59	38.2	38.3	39.0	1.87	1.87	1.81
Springfield-Chicopee-Holyoke.....	95.18	96.70	93.96	40.5	40.8	40.5	2.35	2.37	2.32
Worcester.....	96.32	97.04	93.46	39.8	40.1	39.6	2.42	2.42	2.36
MICHIGAN.....	126.56	127.89	119.60	42.3	42.6	41.5	2.99	3.00	2.88
Detroit.....	135.10	134.53	127.13	42.7	42.6	41.6	3.16	3.16	3.06
Flint.....	141.71	148.25	134.62	43.9	44.6	42.4	3.23	3.32	3.18
Grand Rapids.....	106.45	108.12	105.87	39.5	40.3	40.3	2.70	2.68	2.63
Lansing.....	128.62	131.59	121.47	41.8	42.6	40.9	3.08	3.09	2.97
Muskegon-Muskegon Heights.....	115.30	116.16	110.88	40.4	40.7	39.8	2.85	2.85	2.79
Saginaw.....	132.49	134.19	122.68	43.9	44.2	43.0	3.02	3.04	2.85
MINNESOTA.....	105.41	106.58	102.17	41.4	41.2	41.0	2.55	2.59	2.49
Duluth-Superior.....	112.16	112.64	105.05	41.8	41.8	38.7	2.68	2.70	2.72
Minneapolis-St. Paul.....	110.28	111.12	106.93	40.8	41.0	40.4	2.70	2.71	2.64
MISSISSIPPI.....	68.45	68.30	66.09	40.5	40.9	40.3	1.69	1.67	1.64
Jackson.....	72.54	75.15	73.10	40.3	42.7	41.3	1.80	1.76	1.77
MISSOURI.....	99.42	100.37	95.04	40.3	40.6	40.1	2.47	2.47	2.37
Kansas City.....	107.30	107.22	103.38	40.4	40.4	40.5	2.66	2.66	2.55
St. Louis.....	112.09	113.05	107.98	40.7	40.8	40.3	2.75	2.77	2.68
MONTANA.....	98.89	107.20	104.55	37.6	40.0	41.0	2.63	2.68	2.55
NEBRASKA.....	98.57	99.25	95.18	43.7	43.9	43.4	2.25	2.26	2.19
Omaha.....	108.12	107.89	104.17	43.3	43.0	43.2	2.50	2.51	2.41
NEVADA.....	124.31	126.32	120.99	40.1	40.1	39.8	3.10	3.15	3.04
NEW HAMPSHIRE.....	76.99	78.36	76.14	40.1	40.6	40.5	1.92	1.93	1.88
Manchester.....	70.49	72.91	69.09	38.1	39.2	38.6	1.85	1.86	1.79
NEW JERSEY.....	104.23	105.26	102.31	40.4	40.8	40.6	2.58	2.58	2.52
Jersey City 2.....	104.30	104.04	101.15	40.9	40.8	40.3	2.55	2.55	2.51
Newark 2.....	103.83	105.78	100.19	40.4	41.0	40.4	2.57	2.58	2.48
Paterson-Clifton-Passaic 2.....	104.64	105.52	104.30	40.4	40.9	40.9	2.59	2.58	2.55
Perth Amboy 2.....	109.61	109.06	105.56	40.9	41.0	40.6	2.68	2.66	2.60
Trenton.....	101.65	106.60	103.82	39.4	41.0	41.2	2.58	2.60	2.52
NEW MEXICO.....	95.30	94.53	89.42	41.8	41.1	41.4	2.28	2.30	2.16
Albuquerque.....	103.52	101.88	93.08	42.6	42.1	42.5	2.43	2.42	2.19

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

Table C-8: Gross hours and earnings of production workers on manufacturing payrolls, by State and selected areas--Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	July	June	July	July	June	July	July	June	July
	1963	1963	1962	1963	1963	1962	1963	1963	1962
NEW YORK	\$98.67	\$99.04	\$96.16	39.0	39.3	39.3	\$2.53	\$2.52	\$2.45
Albany-Schenectady-Troy.....	110.98	109.76	105.48	40.8	40.5	40.2	2.72	2.71	2.62
Binghamton.....	91.03	93.22	88.07	38.9	39.5	39.2	2.34	2.36	2.25
Buffalo.....	119.84	122.72	116.41	40.9	41.6	41.3	2.93	2.95	2.82
Elmira.....	98.85	100.44	96.73	39.7	40.5	40.4	2.49	2.48	2.39
Massau and Suffolk Counties ²	105.07	105.07	104.28	39.5	39.5	40.4	2.66	2.66	2.58
New York City ²	91.51	91.63	89.94	37.2	37.4	37.5	2.46	2.45	2.40
New York-Northeastern New Jersey.....	97.91	98.28	95.69	38.7	39.0	38.9	2.53	2.52	2.46
Rochester.....	115.51	113.42	110.25	41.4	40.8	41.4	2.79	2.78	2.66
Syracuse.....	109.18	109.82	103.84	41.2	41.6	41.0	2.65	2.64	2.54
Utica-Rome.....	96.96	95.84	92.05	40.4	40.1	39.7	2.40	2.39	2.32
Westchester County ²	99.79	100.44	97.09	39.6	39.7	39.9	2.52	2.53	2.44
NORTH CAROLINA	68.47	68.47	66.75	41.0	41.0	40.7	1.67	1.67	1.64
Charlotte.....	75.12	76.62	73.10	41.5	42.1	41.3	1.81	1.82	1.77
Greensboro-High Point.....	68.63	67.37	65.69	39.9	39.4	39.1	1.72	1.71	1.68
NORTH DAKOTA	93.96	95.98	93.07	43.0	43.6	42.7	2.19	2.20	2.18
Fargo-Moorhead.....	105.87	102.24	104.23	42.4	41.1	39.7	2.50	2.49	2.62
OHIO	117.09	118.80	113.34	41.3	41.8	41.1	2.84	2.84	2.76
Akron.....	126.17	125.17	126.29	40.4	40.2	40.7	3.12	3.11	3.10
Canton.....	116.74	118.05	113.78	40.3	40.6	40.2	2.90	2.91	2.83
Cincinnati.....	112.02	113.87	108.39	42.1	42.6	41.7	2.66	2.67	2.60
Cleveland.....	118.86	121.44	115.95	41.2	42.0	41.1	2.88	2.89	2.82
Columbus.....	110.11	110.41	106.75	41.1	40.9	40.9	2.68	2.70	2.61
Dayton.....	127.20	126.93	121.17	42.4	42.3	42.0	3.00	3.00	2.89
Toledo.....	119.09	118.98	116.13	40.9	41.0	40.8	2.91	2.90	2.85
Youngstown-Warren.....	129.13	136.40	122.05	40.5	42.3	39.6	3.19	3.22	3.08
OKLAHOMA	93.25	94.43	90.86	40.9	41.6	41.3	2.28	2.27	2.20
Oklahoma City.....	89.87	89.02	86.11	41.8	41.6	41.6	2.15	2.14	2.07
Tulsa.....	98.81	98.12	94.83	41.0	41.4	40.7	2.41	2.37	2.33
OREGON	108.23	108.93	105.07	39.5	39.9	39.8	2.74	2.73	2.64
Portland.....	107.14	107.86	103.62	38.4	38.8	39.1	2.79	2.78	2.65
PENNSYLVANIA	99.10	100.25	94.71	39.8	40.1	39.3	2.49	2.50	2.41
Allentown-Bethlehem-Easton.....	94.71	93.59	92.64	38.5	38.2	38.6	2.46	2.45	2.40
Altoona.....	82.22	81.69	78.52	38.6	38.9	38.3	2.13	2.10	2.05
Erie.....	106.86	108.52	105.75	41.1	41.9	41.8	2.60	2.59	2.53
Harrisburg.....	86.58	87.16	85.20	39.9	39.8	40.0	2.17	2.19	2.13
Johnstown.....	102.68	103.83	93.87	38.6	38.6	37.4	2.66	2.69	2.51
Lancaster.....	85.54	86.80	86.07	39.6	40.0	40.6	2.16	2.17	2.12
Philadelphia.....	103.46	104.23	101.20	40.1	40.4	40.0	2.58	2.58	2.53
Pittsburgh.....	121.10	124.75	113.59	40.1	40.9	38.9	3.02	3.05	2.92
Reading.....	88.58	89.02	84.77	39.9	40.1	39.8	2.22	2.22	2.13
Scranton.....	72.01	72.77	73.32	37.9	37.9	39.0	1.90	1.92	1.88
Wilkes-Barre-Hazleton.....	69.16	69.52	66.96	36.4	36.4	36.0	1.90	1.91	1.86
York.....	84.46	85.48	81.20	41.4	41.9	40.4	2.04	2.04	2.01
RHODE ISLAND	82.41	84.26	82.01	40.2	41.1	40.4	2.05	2.05	2.03
Providence-Pawtucket.....	83.03	83.85	80.40	40.5	40.9	40.4	2.05	2.05	1.99
SOUTH CAROLINA	68.44	68.95	69.29	40.5	40.8	41.0	1.69	1.69	1.69
Charleston.....	78.80	81.20	77.42	39.8	40.6	39.7	1.98	2.00	1.95
Greenville.....	64.00	64.64	65.85	40.0	40.4	40.9	1.60	1.60	1.61
SOUTH DAKOTA	101.25	104.94	99.04	46.4	47.8	46.8	2.18	2.20	2.12
Sioux Falls.....	112.29	116.44	113.10	46.7	47.9	49.2	2.40	2.43	2.30
TENNESSEE	81.12	80.32	78.74	41.6	41.4	40.8	1.95	1.94	1.93
Chattanooga.....	84.82	89.89	84.03	40.2	42.6	40.4	2.11	2.11	2.08
Knoxville.....	91.77	93.43	89.47	39.9	40.8	40.3	2.30	2.29	2.22
Memphis.....	91.08	89.32	87.91	41.4	40.6	40.7	2.20	2.20	2.16
Nashville.....	90.50	91.57	85.08	41.9	42.2	41.1	2.16	2.17	2.07

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS
**Table C-8: Gross hours and earnings of production workers on manufacturing payrolls,
 by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962	July 1963	June 1963	July 1962
TEXAS.....	\$98.41	\$98.41	\$97.16	41.7	41.7	41.7	\$2.36	\$2.36	\$2.33
Dallas.....	89.46	88.62	82.81	42.2	41.8	40.2	2.12	2.12	2.06
Fort Worth.....	100.98	102.72	98.41	41.9	42.8	41.7	2.41	2.40	2.36
Houston.....	117.98	117.39	115.60	42.9	43.0	42.5	2.75	2.73	2.72
San Antonio.....	71.91	73.03	73.49	40.4	40.8	40.6	1.78	1.79	1.81
UTAH.....	110.95	109.75	105.70	41.4	40.2	40.5	2.68	2.73	2.61
Salt Lake City.....	108.21	103.31	105.88	41.3	40.2	41.2	2.62	2.57	2.57
VERMONT.....	83.02	83.22	82.32	41.1	41.2	42.0	2.02	2.02	1.96
Burlington.....	89.15	86.85	84.46	39.8	39.3	40.8	2.24	2.21	2.07
Springfield.....	96.37	97.39	96.73	41.9	41.8	42.8	2.30	2.33	2.26
VIRGINIA.....	80.95	80.95	79.30	41.3	41.3	41.3	1.96	1.96	1.92
Norfolk-Portsmouth.....	87.13	88.41	83.63	41.1	42.1	41.4	2.12	2.10	2.02
Richmond.....	89.69	89.35	86.67	40.4	40.8	40.5	2.22	2.19	2.14
Roanoke.....	76.92	76.44	75.94	42.5	42.0	41.5	1.81	1.82	1.83
WASHINGTON.....	112.61	113.65	109.93	39.1	39.6	39.4	2.88	2.87	2.79
Seattle.....	115.24	115.53	110.64	39.6	39.7	39.8	2.91	2.91	2.78
Spokane.....	120.38	119.08	117.38	39.6	39.3	40.2	3.04	3.03	2.92
Tacoma.....	110.30	111.83	106.75	38.7	39.1	38.4	2.85	2.86	2.78
WEST VIRGINIA.....	104.00	105.59	100.72	40.0	40.3	39.5	2.60	2.62	2.55
Charleston.....	125.66	124.73	124.84	41.2	41.3	41.2	3.05	3.02	3.03
Huntington-Ashland.....	111.61	110.37	99.26	39.3	39.0	36.9	2.84	2.83	2.69
Wheeling.....	109.08	109.62	98.18	40.4	40.3	38.5	2.70	2.72	2.55
WISCONSIN.....	105.56	106.70	104.45	41.5	41.4	42.1	2.55	2.57	2.48
Green Bay.....	105.71	105.87	101.61	43.4	42.9	43.2	2.44	2.47	2.35
Kenosha.....	122.39	123.85	147.55	41.3	41.4	47.9	2.97	2.99	3.08
La Crosse.....	102.98	103.76	96.09	40.6	40.7	39.9	2.53	2.55	2.41
Madison.....	109.92	111.94	107.41	40.9	41.3	41.6	2.69	2.71	2.58
Milwaukee.....	118.06	116.95	116.71	41.0	40.9	41.6	2.88	2.86	2.80
Racine.....	110.35	110.80	106.21	40.5	40.6	40.2	2.73	2.73	2.64
WYOMING.....	108.54	101.08	97.26	40.2	37.3	36.7	2.70	2.71	2.65
Casper.....	122.47	115.54	122.01	41.8	39.3	40.4	2.93	2.94	3.02

¹Not available.

²Subarea of New York-Northeastern New Jersey.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

ESTABLISHMENT DATA
LABOR TURNOVER

Table D-1: Labor turnover rates in manufacturing

1954 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1954.....	3.2	2.9	3.3	2.9	3.2	4.3	3.8	4.3	4.3	4.4	4.0	2.9	3.6
1955.....	3.8	3.7	4.2	4.2	4.5	5.3	4.5	5.8	5.5	5.0	4.0	2.9	4.5
1956.....	3.8	3.6	3.6	4.0	4.1	5.1	4.3	4.9	5.2	5.1	3.6	2.7	4.2
1957.....	3.7	3.3	3.3	3.4	3.6	4.8	4.2	4.1	4.1	3.5	2.6	2.0	3.6
1958.....	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7	3.6
1959 ¹	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
1960.....	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961.....	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962.....	4.1	3.6	3.8	4.0	4.3	5.0	4.5	5.1	4.9	3.9	3.0	2.4	4.1
1963.....	3.6	3.3	3.5	3.9	4.0	4.8	4.1						
New hires													
1954.....	1.6	1.5	1.7	1.5	1.7	2.3	2.1	2.3	2.4	2.2	2.1	1.5	1.9
1955.....	2.0	2.1	2.6	2.6	3.0	3.8	3.3	4.1	3.9	3.5	2.9	2.0	3.0
1956.....	2.5	2.4	2.2	2.5	2.8	3.6	2.9	3.4	3.4	3.2	2.3	1.8	2.8
1957.....	2.3	2.0	2.0	2.1	2.3	3.2	2.8	2.7	2.5	2.1	1.3	.8	2.2
1958.....	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3	1.7
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
1960.....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961.....	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962.....	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963.....	1.9	1.8	2.0	2.3	2.5	3.3	2.7						
Total separations													
1954.....	4.9	4.0	4.1	4.4	3.8	3.8	3.7	4.1	4.9	4.2	3.7	3.6	4.1
1955.....	3.3	2.8	3.3	3.6	3.7	4.0	4.1	4.7	5.5	4.4	3.8	3.6	3.9
1956.....	4.1	4.1	3.9	3.9	4.3	4.2	3.8	4.6	5.5	4.4	4.0	3.4	4.2
1957.....	3.8	3.4	3.7	3.8	3.9	3.7	3.7	4.7	5.5	5.0	4.9	4.6	4.2
1958.....	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5	4.1
1959 ¹	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
1960.....	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961.....	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962.....	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963.....	4.0	3.2	3.5	3.6	3.6	3.4	3.9						
Quits													
1954.....	1.3	1.2	1.2	1.4	1.2	1.3	1.4	1.7	2.2	1.5	1.3	1.0	1.4
1955.....	1.2	1.2	1.5	1.8	1.7	1.8	2.0	2.7	3.5	2.2	1.8	1.3	1.9
1956.....	1.6	1.6	1.7	1.8	1.8	2.0	1.9	2.7	3.2	2.1	1.6	1.2	1.9
1957.....	1.5	1.4	1.5	1.6	1.6	1.6	1.7	2.3	2.7	1.6	1.1	.8	1.6
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961.....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962.....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963.....	1.1	1.0	1.2	1.3	1.4	1.4	1.4						
Layoffs													
1954.....	3.2	2.4	2.5	2.7	2.2	2.1	1.9	2.0	2.1	2.1	2.0	2.2	2.3
1955.....	1.7	1.2	1.4	1.4	1.3	1.5	1.6	1.5	1.4	1.6	1.5	1.8	1.5
1956.....	1.9	2.0	1.7	1.6	1.9	1.6	1.5	1.4	1.8	1.7	1.9	1.8	1.7
1957.....	1.7	1.5	1.5	1.7	1.8	1.4	1.6	1.9	2.3	3.0	3.4	3.4	2.1
1958.....	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4	2.6
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
1960.....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961.....	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962.....	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963.....	2.2	1.6	1.7	1.6	1.5	1.4	1.9						

¹Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.

Data for the current month are preliminary.

Table D-2: Labor turnover rates, by industry

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963
MANUFACTURING	4.1	4.8	2.7	3.3	3.9	3.4	1.4	1.4	1.9	1.4
DURABLE GOODS	3.6	4.2	2.3	2.9	3.9	3.2	1.2	1.2	2.0	1.3
NONDURABLE GOODS	4.8	5.5	3.1	3.8	3.9	3.8	1.6	1.6	1.7	1.5
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	2.6	2.9	1.5	1.9	2.6	2.4	1.0	1.0	1.1	0.9
Ammunition, except for small arms	2.6	3.2	1.7	2.1	2.1	2.1	1.1	1.1	.7	.6
Sighting and fire control equipment	1.1	1.8	.5	1.0	3.4	5.1	.8	.9	1.9	3.3
Other ordnance and accessories	3.1	2.7	1.3	1.8	3.8	1.9	.8	.8	1.9	.7
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	5.6	7.9	4.5	6.3	4.6	5.1	2.5	3.0	1.4	1.2
Sawmills and planing mills	4.5	6.6	3.9	5.4	3.9	4.6	2.3	2.8	.9	1.1
Sawmills and planing mills, general	4.4	6.8	3.8	5.6	3.8	4.6	2.3	2.9	.9	1.0
Millwork, plywood, and related products	4.3	6.3	3.9	5.3	3.5	3.4	2.0	2.1	.8	.6
Millwork	4.7	6.6	4.3	5.9	3.4	3.7	1.9	2.0	.8	.9
Veneer and plywood	3.6	5.0	3.4	4.2	3.2	3.1	2.3	2.3	.2	.3
Wooden containers	4.3	5.7	2.8	4.9	6.5	4.9	1.8	2.0	4.1	1.9
Wooden boxes, shooks, and crates	4.0	6.3	2.7	5.5	6.0	4.5	2.1	2.3	3.4	1.5
Miscellaneous wood products	5.7	5.6	5.0	4.7	5.3	4.9	2.4	2.7	1.9	1.4
FURNITURE AND FIXTURES	5.3	4.8	4.4	4.0	4.1	4.2	2.1	1.9	1.2	1.6
Household furniture	5.2	4.4	4.4	3.8	4.1	4.5	2.3	2.0	1.1	1.8
Wood house furniture, unupholstered	4.8	4.5	4.3	4.0	3.8	3.5	2.4	2.2	.7	.6
Wood house furniture, upholstered	5.1	3.2	4.2	2.6	3.1	2.9	2.1	1.6	.5	.7
Mattresses and bedspings	6.2	5.4	5.0	4.6	4.1	2.7	2.1	1.3	1.2	.7
Office furniture	3.8	3.3	3.0	2.4	2.1	2.7	1.0	1.1	.6	1.0
STONE, CLAY, AND GLASS PRODUCTS	4.1	5.1	2.8	3.7	3.1	3.2	1.3	1.3	1.2	1.2
Flat glass	8.0	3.9	.7	.7	2.8	4.2	.3	.3	2.3	3.6
Glass and glassware, pressed or blown	3.9	5.0	2.4	3.2	3.1	2.9	1.1	1.2	1.2	.8
Glass containers	4.2	5.3	2.5	3.7	2.6	3.0	1.3	1.4	.5	.6
Pressed and blown glassware, n.e.c.	3.4	4.6	2.1	2.7	4.0	2.8	.8	.8	2.2	.9
Cement, hydraulic	1.3	4.2	1.1	2.7	.9	1.2	.4	.4	.1	.4
Structural clay products	3.9	5.0	2.9	4.2	3.8	3.0	1.7	1.5	1.5	.7
Brick and structural clay tile	4.3	5.4	3.9	4.8	4.3	2.9	2.2	1.7	1.4	.5
Pottery and related products	3.6	3.2	2.5	2.1	2.4	2.8	1.0	.9	.8	1.5
Abrasive products	1.8	2.3	1.7	2.0	1.0	.7	.5	.3	.4	.2
PRIMARY METAL INDUSTRIES	2.2	3.3	1.2	2.1	3.1	2.0	.7	.6	1.7	.7
Blast furnace and basic steel products	1.5	3.0	.6	1.9	3.4	1.8	.5	.4	2.1	.7
Blast furnaces, steel and rolling mills	1.5	2.9	.6	1.9	3.4	1.8	.4	.4	2.2	.7
Iron and steel foundries	3.2	3.9	2.0	2.6	3.3	2.8	1.1	1.0	1.7	.8
Gray iron foundries	3.3	3.8	2.0	2.5	3.8	2.8	1.2	1.0	2.2	.7
Malleable iron foundries	3.8	3.2	1.6	1.8	2.9	3.9	1.1	1.0	1.3	1.6
Steel foundries	2.8	4.4	2.2	3.4	2.3	2.5	.9	1.1	.8	.6
Nonferrous smelting and refining	2.1	4.1	1.5	2.9	1.5	1.7	.6	.7	.4	.4
Nonferrous rolling, drawing, and extruding	2.3	2.7	1.2	1.7	2.4	1.6	.6	.6	1.4	.6
Copper rolling, drawing, and extruding	2.3	2.5	1.3	1.7	1.6	1.3	.4	.4	.7	.5
Aluminum rolling, drawing, and extruding	1.8	3.1	.8	1.8	2.5	1.7	.5	.6	1.6	.7
Nonferrous wire drawing, and insulating	3.1	2.6	1.7	1.6	3.4	2.0	1.0	.8	1.8	.7
Nonferrous foundries	3.8	4.2	2.6	2.8	3.7	3.1	1.5	1.3	1.4	1.1
Aluminum castings	4.2	4.4	2.9	2.7	3.8	2.5	1.4	1.1	1.4	.7
Other nonferrous castings	3.4	4.1	2.2	2.9	3.4	3.7	1.3	1.4	1.5	1.4
Miscellaneous primary metal industries	2.9	3.0	1.4	1.9	1.8	2.2	.6	.6	.9	1.2
Iron and steel forgings	2.8	2.9	1.3	1.7	2.1	2.5	.7	.6	.9	1.3

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
LABOR TURNOVER

Table D-2: Labor turnover rates, by industry--Continued

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963
<i>Durable Goods--Continued</i>										
FABRICATED METAL PRODUCTS	4.1	4.9	2.7	3.2	4.4	3.5	1.2	1.2	2.5	1.5
Metal cans	5.9	7.5	3.6	3.4	5.2	4.4	1.0	.9	3.3	2.8
Cutlery, hand tools, and general hardware	2.8	3.3	1.6	2.1	4.0	3.0	1.0	1.0	1.5	1.0
Cutlery and hand tools, including saws	2.7	2.6	1.6	2.1	2.9	2.1	.9	.8	1.5	.7
Hardware, n.e.c.	2.9	3.7	1.6	2.1	4.7	3.6	1.0	1.1	1.5	1.2
Heating equipment and plumbing fixtures	3.3	4.2	2.4	3.0	2.6	2.5	1.1	1.2	.9	.7
Sanitary ware and plumbers' brass goods	2.4	4.0	2.0	2.5	1.8	2.2	.9	1.0	.3	.5
Heating equipment, except electric	4.0	4.4	2.7	3.4	3.3	2.7	1.3	1.3	1.4	.8
Fabricated structural metal products	4.8	6.2	3.8	4.7	3.7	3.8	1.4	1.5	1.7	1.6
Fabricated structural steel	5.5	6.6	4.6	4.9	4.2	4.8	1.5	1.6	2.0	2.4
Fabricated plate work (boiler shops)	4.2	4.9	3.0	3.2	3.4	3.0	1.0	1.1	1.9	1.4
Architectural and miscellaneous metal work	5.2	7.0	4.2	5.4	3.3	2.8	1.4	1.4	1.4	.9
Screw machine products, bolts, etc.	3.3	3.7	2.2	2.7	3.2	2.7	1.2	1.3	1.4	.8
Bolts, nuts, screws, rivets, and washers	2.5	2.9	2.0	2.3	1.7	1.6	.9	.8	.3	.2
Metal stampings	3.7	4.4	1.6	2.2	7.6	4.0	1.0	.9	5.8	2.4
Miscellaneous fabricated wire products	4.3	4.6	2.8	3.2	5.3	3.5	1.3	1.5	3.2	1.3
Miscellaneous fabricated metal products	2.6	3.7	1.7	2.5	2.5	2.4	1.0	1.0	1.0	.8
Valves, pipe, and pipe fittings	2.8	3.3	1.9	2.5	2.5	2.1	1.0	1.1	1.0	.5
MACHINERY	2.8	3.4	1.8	2.5	2.7	2.8	.9	.9	1.2	1.2
Engines and turbines	2.2	3.3	1.1	1.7	1.6	2.4	.4	.5	.7	.7
Steam engines and turbines	1.7	2.1	1.0	.8	1.2	2.0	.2	.3	.5	.6
Internal combustion engines, n.e.c.	2.6	4.2	1.2	2.3	1.9	2.6	.5	.7	.9	.7
Farm machinery and equipment	2.2	3.4	1.3	2.4	3.1	4.1	1.1	1.0	1.4	2.5
Construction and related machinery	3.3	3.3	2.1	2.5	2.2	2.4	.9	.9	.8	.9
Construction and mining machinery	3.7	3.1	2.0	2.3	1.7	2.8	.8	.9	.4	1.3
Oil field machinery, and equipment	1.9	2.7	1.4	1.8	1.5	1.5	.9	.8	.2	.4
Conveyors, hoists, and industrial cranes	3.5	4.3	2.9	3.7	1.7	2.1	1.0	1.0	.3	.6
Metalworking machinery and equipment	3.1	3.6	2.0	2.6	3.1	3.1	.8	.8	1.8	1.6
Machine tools, metal cutting types	1.7	2.6	1.3	2.1	1.1	1.3	.5	.7	.2	.2
Machine tool accessories	1.8	3.0	1.6	2.3	1.7	1.8	.7	.7	.6	.6
Miscellaneous metalworking machinery	2.1	2.9	1.4	2.1	1.4	1.6	.6	.6	.3	.4
Special industry machinery	1.9	2.7	1.4	2.1	2.3	2.0	.8	.9	.9	.6
Food products machinery	2.6	2.9	1.4	2.1	3.0	2.9	.7	.9	1.7	1.4
Textile machinery	1.9	2.4	1.3	1.9	2.3	1.7	1.0	.9	.7	.3
General industrial machinery	2.3	3.1	1.5	2.3	2.0	1.8	.8	.8	.8	.5
Pumps, air and gas compressors	2.1	3.1	1.7	2.3	2.1	1.7	1.0	.9	.6	.2
Ball and roller bearings	1.4	2.4	.7	1.5	1.1	1.1	.5	.6	.2	.3
Mechanical power transmission goods	2.4	3.1	1.3	2.3	1.8	1.4	.5	.7	.9	.3
Office, computing, and accounting machines	2.8	3.1	1.2	2.1	2.3	2.4	.7	1.0	.9	.6
Computing machines and cash registers	2.8	3.2	1.1	2.2	2.1	2.5	.8	.9	.5	.6
Service industry machines	3.2	3.5	2.0	2.5	4.6	5.2	1.2	1.2	2.8	2.9
Refrigeration, except home refrigerators	3.7	4.0	2.1	2.8	5.8	6.7	1.2	1.4	3.9	4.0
ELECTRICAL EQUIPMENT AND SUPPLIES	3.4	3.6	2.1	2.4	3.1	3.1	1.2	1.2	1.2	1.1
Electric distribution equipment	1.8	2.6	1.2	1.8	1.8	2.3	.8	1.0	.6	.7
Electric measuring instruments	2.1	2.8	1.3	1.7	1.9	3.4	.9	1.3	.6	1.3
Power and distribution transformers	1.3	2.4	.6	1.4	1.6	1.8	.6	.7	.6	.7
Switchgear and switchboard apparatus	1.8	2.5	1.4	2.0	1.7	1.8	.7	.9	.5	.3
Electrical industrial apparatus	2.8	3.4	1.7	2.5	2.6	2.2	1.1	1.0	1.0	.6
Motors and generators	2.7	2.9	1.5	2.0	3.0	2.2	1.1	.9	1.3	.6
Industrial controls	2.8	3.9	1.8	3.1	1.9	1.7	1.1	.9	.3	.2
Household appliances	3.5	3.7	2.3	2.4	3.2	3.1	1.2	1.3	1.0	1.0
Household refrigerators and freezers	3.3	3.5	1.7	2.1	2.2	2.7	.7	1.0	.9	.8
Household laundry equipment	3.3	3.7	1.8	2.1	1.2	1.6	.4	.6	.4	.7
Electric housewares and fans	4.8	4.4	3.6	3.2	3.8	3.5	1.9	1.5	1.1	1.4
Electric lighting and wiring equipment	3.4	3.5	2.3	2.6	3.8	2.7	1.2	1.2	2.1	.9
Electric lamps	1.1	2.2	.6	1.5	1.4	1.7	.7	.8	.3	.2
Lighting fixtures	5.8	4.2	3.3	3.0	5.0	2.9	1.3	1.1	3.1	1.3
Wiring devices	5.4	3.5	2.3	2.7	5.0	3.1	1.3	1.5	3.1	1.0
Radio and TV receiving sets	5.4	6.2	3.0	3.6	3.3	3.6	1.3	1.5	1.0	1.1
Communication equipment	2.4	2.9	1.8	1.9	2.5	3.1	1.2	1.2	.7	1.1
Telephone and telegraph apparatus	(1)	1.4	(1)	1.0	(1)	1.8	(1)	.9	(1)	.5
Radio and TV communication equipment	2.9	3.5	2.1	2.2	2.9	3.7	1.4	1.4	.9	1.3
Electronic components and accessories	4.6	4.3	2.6	2.6	4.4	4.6	1.7	1.7	2.0	2.0
Electron tubes	1.7	1.9	.6	1.2	2.2	3.0	.9	1.1	.9	1.4
Electronic components, n.e.c.	5.6	5.2	3.3	3.2	5.2	5.1	1.9	1.9	2.3	2.3
Miscellaneous electrical equipment and supplies	3.7	3.1	2.6	2.2	3.6	2.2	1.3	.8	1.1	.8
Electrical equipment for engines	2.9	2.1	1.8	1.1	3.3	1.9	1.1	.6	1.2	.8

See footnotes at end of table. NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
LABOR TURNOVER

Table D-2: Labor turnover rates, by industry--Continued

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963
<i>Durable Goods--Continued</i>										
TRANSPORTATION EQUIPMENT	3.6	4.1	1.8	2.4	6.3	3.5	0.8	0.9	4.5	1.7
Motor vehicles and equipment	2.9	3.4	1.1	1.7	9.1	2.8	.5	.5	7.1	.9
Motor vehicles	2.7	2.9	.7	1.5	12.6	2.8	.4	.5	10.7	1.0
Passenger car bodies	2.0	3.3	.4	1.1	8.6	3.3	.2	.3	5.2	1.2
Truck and bus bodies	4.9	4.6	4.0	3.8	4.8	3.0	1.3	1.3	2.8	1.0
Motor vehicle parts and accessories	2.8	3.5	1.1	1.6	7.3	2.5	.4	.4	5.6	.9
Aircraft and parts	2.7	3.2	2.0	2.4	2.3	2.6	.9	.9	1.0	1.3
Aircraft	2.8	3.1	2.1	2.5	2.4	2.7	.7	.9	1.3	1.3
Aircraft engines and engine parts	2.2	2.9	1.6	2.1	1.6	2.2	.9	.8	.3	1.0
Other aircraft parts and equipment	3.3	4.0	2.7	3.0	3.7	3.4	1.4	1.2	1.7	1.7
Ship and boat building and repairing	9.4	9.5	3.1	4.0	10.4	9.9	1.4	1.8	8.3	7.5
Ship building and repairing	10.0	10.8	3.0	4.4	10.4	9.2	1.3	1.6	8.4	7.1
Railroad equipment	7.4	8.2	2.3	4.9	4.3	4.7	1.4	1.0	1.9	2.7
Other transportation equipment	6.4	7.1	5.7	6.1	5.7	5.9	3.0	2.9	1.1	1.9
INSTRUMENTS AND RELATED PRODUCTS	3.2	3.9	2.3	3.1	2.8	2.3	1.1	1.1	1.2	.6
Engineering and scientific instruments	2.7	2.3	1.6	1.7	3.1	1.9	1.2	.8	1.3	.5
Mechanical measuring and control devices	2.9	3.8	1.9	2.7	3.1	2.8	1.1	1.2	1.5	.8
Mechanical measuring devices	3.5	3.6	2.4	3.0	3.2	2.7	1.1	1.2	1.7	.8
Automatic temperature controls	2.0	4.2	1.2	2.3	2.9	3.0	1.0	1.3	1.2	.8
Optical and ophthalmic goods	3.2	3.7	2.6	3.1	3.7	2.3	1.6	1.3	1.7	.4
Surgical, medical, and dental equipment	2.6	4.1	1.7	3.3	3.1	2.7	1.3	1.5	1.1	.6
Photographic equipment and supplies	(1)	4.1	(1)	3.7	(1)	1.2	(1)	.6	(1)	.3
Watches and clocks	3.9	7.1	1.9	5.2	3.6	3.3	1.2	1.7	1.8	1.1
MISCELLANEOUS MANUFACTURING INDUSTRIES	5.2	5.5	3.3	3.7	4.3	4.2	1.8	1.8	1.9	1.7
Jewelry, silverware, and plated ware	6.0	3.4	3.0	2.5	6.1	2.9	1.7	1.7	3.8	.7
Toys, amusement, and sporting goods	9.0	8.6	5.9	5.1	5.7	5.7	2.5	2.4	2.3	2.3
Toys, games, dolls, and play vehicles	11.7	10.9	7.3	6.0	5.5	5.0	2.7	2.5	1.9	1.3
Sporting and athletic goods, n.e.c.	4.2	4.7	3.1	3.5	5.9	6.8	2.1	2.3	3.1	3.8
Pens, pencils, office and art materials	3.3	4.6	2.3	3.7	3.2	2.5	1.2	1.5	1.5	.5
Costume jewelry, buttons, and notions	6.2	5.9	4.0	3.9	4.6	3.9	1.9	2.0	2.0	1.2
Other manufacturing industries	3.5	4.0	2.5	2.9	3.8	4.1	1.4	1.3	1.9	2.1
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	7.1	8.9	4.7	5.9	5.4	4.8	1.9	1.7	3.0	2.5
Meat products	5.4	7.1	3.1	3.9	4.2	5.1	1.9	1.9	1.8	2.6
Meat packing	3.9	5.9	1.8	2.2	3.6	4.2	.8	.8	2.3	3.0
Poultry dressing and packing	11.1	12.2	7.5	8.6	7.2	9.2	5.5	5.4	1.0	2.8
Grain mill products	3.2	4.8	2.2	3.5	2.8	2.4	.9	.9	1.3	.9
Flour and other grain mill products	2.7	4.9	2.0	3.2	2.9	2.6	.9	.8	1.5	1.1
Prepared feeds for animals and fowls	3.8	3.5	2.7	2.6	3.3	2.4	1.2	1.1	1.5	.8
Bakery products	3.4	5.0	2.9	4.1	2.9	3.1	1.7	1.8	.6	.7
Bread, cake, and perishable products	3.2	4.8	2.9	4.2	2.9	3.0	1.8	1.9	.5	.6
Biscuit, crackers, and pretzels	4.3	6.1	2.7	3.7	3.3	3.8	1.4	1.4	.9	1.4
Confectionery and related products	7.1	6.1	3.8	3.4	5.3	4.5	1.6	1.7	3.2	2.5
Candy and other confectionery products	8.2	6.7	4.3	3.6	6.2	4.9	1.7	1.8	4.0	2.6
Beverages	4.8	7.5	3.2	5.3	4.5	4.1	1.7	1.8	2.2	1.8
Malt liquors	3.7	5.9	1.3	3.1	3.4	2.8	.7	.5	2.3	1.7
TOBACCO MANUFACTURES	6.9	3.1	1.7	1.8	2.0	2.2	.7	.7	.9	1.2
Cigarettes . . . . .	.9	2.7	.4	1.3	.6	.7	.2	.3	.1	.1
Cigars	4.9	3.4	2.3	2.4	3.2	2.8	1.7	1.6	1.1	.8

See footnotes at end of table. NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
LABOR TURNOVER**

Table D-2: Labor turnover rates, by industry--Continued

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963
<i>Nondurable Goods--Continued</i>										
TEXTILE MILL PRODUCTS	3.9	4.0	2.7	3.0	3.5	3.3	2.0	1.9	0.9	0.8
Cotton broad woven fabrics	3.1	3.3	2.3	2.5	2.9	2.7	2.1	1.9	.3	.2
Silk and synthetic broad woven fabrics	3.0	3.7	2.3	2.9	3.0	2.7	1.9	1.7	.6	.4
Weaving and finishing broad wooleans	4.1	5.0	2.5	3.3	4.7	3.9	1.8	1.9	2.3	1.3
Narrow fabrics and smallwares	4.9	4.0	2.8	2.9	4.2	3.3	1.5	1.7	2.1	1.0
Knitting	4.8	4.9	3.3	3.6	4.0	4.1	2.2	2.2	1.2	1.4
Full-fashioned hosiery	3.7	3.2	2.1	2.4	3.4	4.1	2.3	2.4	.9	1.5
Seamless hosiery	3.8	3.2	2.9	2.4	3.4	2.7	1.9	1.8	1.0	.5
Knit underwear	3.0	3.6	2.1	2.6	2.7	2.5	1.9	1.9	.4	.3
Finishing textiles, except wool and knit	2.8	2.8	1.9	2.0	2.7	2.2	1.3	1.1	.9	.5
Floor covering	4.3	2.9	3.1	2.0	2.6	2.9	1.4	1.2	.6	.9
Yarn and thread	4.5	4.4	3.3	3.5	4.7	3.9	2.8	2.3	1.1	1.0
Miscellaneous textile goods	3.9	3.8	2.2	2.6	3.7	3.5	1.5	1.6	1.5	1.2
APPAREL AND RELATED PRODUCTS	6.6	5.7	3.9	3.6	5.3	5.6	2.4	2.2	2.1	2.6
Men's and boys' suits and coats	2.7	2.7	2.0	1.9	2.6	2.8	1.6	1.3	.5	.9
Men's and boys' furnishings	5.6	4.9	4.1	3.8	4.8	4.7	3.2	2.7	1.0	1.3
Men's and boys' shirts and nightwear	6.0	4.7	4.2	3.7	5.4	4.3	3.3	2.7	1.5	1.0
Men's and boys' separate trousers	5.1	4.4	4.2	3.7	4.1	5.2	3.2	2.8	.4	1.7
Work clothing	5.4	4.9	4.1	3.9	4.5	4.2	3.6	3.0	.4	.7
Women's and children's undergarments	6.9	5.3	4.4	3.8	5.3	4.9	2.6	2.4	2.0	1.9
Women's and children's underwear	7.8	5.6	4.9	3.9	6.2	5.7	3.1	2.6	2.4	2.4
Corsets and allied garments	5.2	4.6	3.6	3.5	3.6	3.5	1.9	2.0	1.1	1.0
PAPER AND ALLIED PRODUCTS	2.9	4.0	2.1	3.1	2.5	2.2	1.0	1.0	.9	.6
Paper and pulp	1.9	3.7	1.2	2.8	1.6	1.4	.5	.6	.6	.5
Paperboard	1.7	3.1	1.5	2.6	1.5	1.5	.5	.7	.4	.4
Converted paper and paperboard products	3.8	4.2	2.7	3.2	3.3	2.9	1.4	1.3	1.3	.9
Bags, except textile bags	5.2	4.3	3.4	3.2	4.9	4.7	1.9	1.9	2.1	1.9
Paperboard containers and boxes	3.8	4.6	2.8	3.4	3.2	2.8	1.3	1.3	1.1	.7
Folding and setup paperboard boxes	4.8	4.6	3.6	3.3	3.9	3.0	1.7	1.4	1.5	.7
Corrugated and solid fiber boxes	2.9	4.4	2.5	3.7	2.5	2.6	1.4	1.3	.5	.6
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	3.1	4.0	2.4	3.0	2.5	3.0	1.3	1.5	.8	.9
CHEMICALS AND ALLIED PRODUCTS	2.0	3.3	1.4	2.6	1.8	2.1	.7	.7	.8	.9
Industrial chemicals	1.5	2.8	1.1	2.2	1.4	1.1	.4	.5	.5	.2
Plastics and synthetics, except glass	1.6	2.9	1.1	2.4	1.2	1.2	.5	.6	.4	.3
Plastics and synthetics, except fibers	1.9	3.4	1.3	2.8	1.4	1.1	.6	.5	.6	.2
Synthetic fibers	1.6	2.7	1.1	2.2	1.1	1.4	.5	.6	.4	.4
Drugs	1.9	3.8	1.5	3.3	1.7	1.5	.8	.8	.6	.3
Pharmaceutical preparations	2.2	4.0	1.7	3.4	1.9	1.6	.9	.9	.7	.4
Soap, cleaners, and toilet goods	3.9	4.3	2.7	3.3	2.7	2.4	1.1	1.1	1.0	.8
Soap and detergents	3.3	4.3	1.5	2.6	1.6	1.7	.5	.5	.6	.6
Toilet preparations	5.8	4.9	5.2	4.0	3.6	3.1	1.9	1.7	1.0	.9
Paints, varnishes, and allied products	2.0	3.9	1.8	3.3	1.5	1.5	.8	.8	.2	.2
Other chemical products	1.8	3.4	1.2	2.6	1.7	2.2	.7	.8	.6	.9
PETROLEUM REFINING AND RELATED INDUSTRIES	1.7	3.0	1.4	2.4	1.5	1.8	.6	.8	.2	.3
Petroleum refining	1.0	2.4	.8	1.9	1.1	1.3	.4	.5	.1	.1
Other petroleum and coal products	4.6	6.0	3.9	4.6	3.2	3.7	1.4	2.1	.6	1.0
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	4.4	4.0	2.4	2.7	4.2	3.3	1.4	1.4	2.1	1.2
Tires and inner tubes	1.6	2.2	1.0	1.2	1.3	1.4	.4	.3	.5	.7
Other rubber products	4.6	3.7	1.8	2.3	5.4	2.7	1.4	1.4	3.4	.8
Miscellaneous plastic products	6.1	5.6	4.0	4.2	4.7	5.1	1.9	2.2	1.9	1.9

See footnotes at end of table.

ESTABLISHMENT DATA
LABOR TURNOVER

Table D-2: Labor turnover rates, by industry--Continued

(Per 100 employees)

Industry	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963	July 1963	June 1963
<i>Nondurable Goods--Continued</i>										
LEATHER AND LEATHER PRODUCTS	6.3	6.3	4.2	3.9	5.5	4.1	2.6	2.2	2.2	1.1
Leather tanning and finishing	2.3	4.2	1.7	3.0	3.0	2.4	1.0	1.1	1.3	.6
Footwear, except rubber	6.4	5.7	4.2	3.5	5.3	4.1	2.7	2.3	1.7	1.1
NONMANUFACTURING										
METAL MINING	2.0	3.8	1.4	2.7	2.2	2.5	1.1	1.4	.6	.4
Iron ores	1.7	2.4	.6	1.1	.9	1.2	.3	.3	.1	.4
Copper ores	1.3	3.7	.9	2.2	2.4	2.4	.6	1.2	1.4	.3
COAL MINING	1.9	1.5	.8	.7	2.3	1.8	.5	.3	1.4	1.0
Bituminous	1.9	1.3	.8	.6	2.2	1.6	.5	.3	1.3	.9
COMMUNICATIONS:										
Telephone communication	(1)	3.2	-	-	(1)	1.6	(1)	1.2	(1)	.1
Telegraph communication ²	(1)	1.7	-	-	(1)	1.9	(1)	.8	(1)	.7

¹Not available.²Data relate to domestic employees except messengers.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED LABOR TURNOVER

Table D-4: Labor turnover rates in manufacturing, 1954 to date
seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1954.....	3.5	3.4	3.6	3.1	3.3	3.5	3.6	3.4	3.6	4.0	4.5	4.3
1955.....	4.2	4.3	4.6	4.5	4.6	4.3	4.1	4.7	4.6	4.5	4.5	4.3
1956.....	4.2	4.3	4.0	4.3	4.1	4.0	4.0	4.0	4.2	4.6	4.1	4.1
1957.....	4.1	3.9	3.7	3.6	3.6	3.8	3.9	3.3	3.3	3.3	3.1	3.0
1958.....	3.1	3.0	3.2	3.3	3.6	3.7	3.8	3.9	4.0	3.8	3.9	4.2
1959 ¹	4.0	4.4	4.5	4.4	4.1	4.2	4.0	4.1	4.1	3.9	4.2	5.6
1960.....	4.2	4.1	3.6	3.6	3.8	3.7	3.6	3.8	3.9	3.5	3.6	3.6
1961.....	3.9	3.8	4.3	4.2	4.2	4.0	4.1	4.1	3.8	4.4	4.3	4.1
1962.....	4.2	4.2	4.1	4.2	4.1	4.0	4.2	3.9	4.0	3.9	3.8	3.8
1963.....	3.7	3.9	3.8	4.1	3.8	3.9	3.8					
New hires												
1954.....	1.9	1.8	1.9	1.7	1.7	1.8	1.9	1.8	1.9	2.0	2.4	2.3
1955.....	2.4	2.6	3.0	2.9	3.0	2.9	2.9	3.2	3.1	3.1	3.3	3.2
1956.....	3.0	3.0	2.6	2.8	2.8	2.7	2.5	2.6	2.7	2.9	2.7	3.0
1957.....	2.8	2.5	2.4	2.3	2.3	2.4	2.4	2.1	1.9	1.9	1.6	1.3
1958.....	1.4	1.4	1.4	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.2	2.3
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.4	2.4	2.7
1960.....	2.6	2.7	2.4	2.2	2.3	2.2	2.1	2.2	2.1	2.0	1.9	1.8
1961.....	1.8	1.7	1.9	2.0	2.0	2.1	2.2	2.3	2.3	2.5	2.6	2.5
1962.....	2.6	2.6	2.6	2.7	2.7	2.6	2.5	2.4	2.3	2.3	2.3	2.2
1963.....	2.3	2.2	2.4	2.6	2.4	2.4	2.4					
Total separations												
1954.....	5.2	4.8	4.5	4.5	4.0	3.8	3.8	3.7	3.7	3.8	3.8	3.9
1955.....	3.4	3.4	3.6	3.7	3.8	4.1	4.3	4.3	4.2	4.0	3.8	3.9
1956.....	4.1	5.0	4.2	4.0	4.5	4.4	4.0	4.2	4.2	4.0	4.0	3.6
1957.....	3.8	4.1	4.0	4.0	4.1	4.0	3.9	4.3	4.3	4.4	4.8	5.0
1958.....	5.4	4.8	4.8	4.6	4.2	3.8	3.9	3.7	3.6	3.6	3.5	3.7
1959 ¹	3.7	3.6	3.6	3.8	3.8	4.0	4.1	4.2	4.3	4.9	4.5	4.0
1960.....	3.6	4.1	4.4	4.5	4.3	4.5	4.4	4.3	4.3	4.2	4.4	4.8
1961.....	4.7	4.5	4.2	3.7	3.9	4.0	4.0	3.8	4.1	3.7	3.9	4.0
1962.....	3.9	3.9	3.9	4.0	4.2	4.2	4.3	4.5	4.0	4.0	3.9	3.8
1963.....	4.0	3.7	3.8	4.0	4.0	3.8	3.8					
Quits												
1954.....	1.7	1.5	1.4	1.4	1.3	1.3	1.4	1.3	1.4	1.3	1.5	1.5
1955.....	1.5	1.6	1.8	1.9	1.8	1.8	1.9	2.0	2.1	2.0	2.1	2.0
1956.....	2.0	2.1	2.0	1.9	1.9	2.0	1.8	1.9	1.9	1.9	1.9	1.9
1957.....	1.9	1.9	1.8	1.7	1.7	1.6	1.6	1.6	1.6	1.4	1.3	1.2
1958.....	1.1	1.1	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3
1959.....	1.4	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
1960.....	1.5	1.6	1.5	1.6	1.3	1.4	1.4	1.3	1.3	1.2	1.1	1.1
1961.....	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
1962.....	1.4	1.5	1.5	1.4	1.6	1.5	1.4	1.5	1.3	1.4	1.4	1.3
1963.....	1.4	1.3	1.5	1.4	1.4	1.4	1.4					
Layoffs												
1954.....	2.9	2.5	2.8	2.8	2.3	2.3	2.1	2.2	2.2	2.0	1.8	1.7
1955.....	1.5	1.3	1.5	1.5	1.3	1.7	1.8	1.7	1.4	1.5	1.3	1.5
1956.....	1.7	2.1	1.8	1.6	2.0	1.9	1.7	1.6	1.8	1.6	1.7	1.5
1957.....	1.5	1.6	1.6	1.8	2.0	1.7	1.8	2.2	2.4	2.6	2.9	2.9
1958.....	3.6	3.1	3.4	3.3	2.9	2.5	2.6	2.4	2.1	2.0	1.8	2.0
1959.....	1.9	1.7	1.7	1.7	1.6	1.8	1.9	2.0	2.1	2.7	2.4	1.9
1960.....	1.6	1.9	2.3	2.4	2.3	2.5	2.4	2.6	2.5	2.4	2.6	2.8
1961.....	2.9	2.9	2.4	2.1	2.2	2.2	2.3	1.9	2.2	1.7	1.8	2.0
1962.....	1.9	1.9	1.7	1.8	2.0	2.0	2.1	2.3	1.9	2.0	1.9	2.0
1963.....	2.0	1.8	1.8	1.8	1.8	1.7	1.8					

¹Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has not significantly affected the labor turnover series.
 Data for the current month are preliminary.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**
Table D-5: Labor turnover rates in manufacturing for selected States and areas

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
June 1963	May 1963	June 1963	May 1963	June 1963	May 1963	June 1963	May 1963	June 1963	May 1963	
ALABAMA ¹	4.4	4.7	2.5	2.3	3.7	4.4	1.2	1.3	2.1	2.6
Birmingham.....	4.2	3.9	2.2	1.6	2.9	3.6	.7	.7	1.7	2.2
Mobile ¹	11.8	12.9	3.6	2.3	13.8	12.1	1.3	.9	12.1	10.8
ARIZONA.....	4.9	5.2	4.0	4.0	4.7	4.9	1.7	1.9	2.0	2.0
Phoenix.....	5.2	6.0	4.2	4.5	4.9	4.9	1.7	1.9	2.2	2.0
ARKANSAS.....	6.2	6.0	4.8	4.7	5.3	5.4	2.9	2.8	1.8	1.6
Fort Smith.....	4.9	6.3	4.0	5.5	4.9	5.7	2.9	3.3	1.3	1.5
Little Rock-North Little Rock.....	6.7	5.8	5.8	5.0	5.8	5.5	3.5	3.1	.7	1.5
Pine Bluff.....	5.1	4.5	3.7	3.9	3.0	5.2	2.1	2.7	.6	2.0
CALIFORNIA ¹	5.3	4.6	3.8	3.1	4.4	4.5	1.9	1.8	1.6	1.9
Los Angeles-Long Beach ¹	5.1	4.2	3.8	3.0	4.4	4.6	1.9	1.9	1.5	1.8
Sacramento ¹	4.3	2.8	3.4	2.4	2.5	2.4	1.2	1.2	.9	.7
San Bernardino-Riverside-Ontario ¹	4.6	4.0	3.5	2.7	3.9	3.5	1.7	1.6	1.3	1.1
San Diego ¹	2.9	2.7	2.1	1.7	3.4	3.6	1.2	1.2	1.8	2.0
San Francisco-Oakland ¹	6.3	5.2	3.8	3.2	5.1	4.8	1.3	1.3	2.4	2.7
San Jose ¹	3.9	2.3	2.8	1.6	2.8	2.9	1.6	1.3	.5	1.0
Stockton ¹	5.8	9.5	3.6	3.6	8.3	3.8	2.0	1.5	5.8	1.7
COLORADO.....	5.3	4.7	4.1	3.4	3.9	3.8	1.9	1.9	1.1	1.1
CONNECTICUT.....	3.2	2.6	2.4	1.8	2.2	2.6	1.1	1.2	.7	.9
Bridgeport ¹	3.0	3.0	2.2	2.2	1.9	2.3	.9	1.0	.7	.9
Hartford.....	2.2	1.7	1.7	.9	2.1	2.2	.9	.9	.7	.8
New Britain.....	3.2	1.9	2.6	1.3	2.6	3.1	1.0	1.0	1.1	1.4
New Haven.....	3.0	2.8	2.4	1.7	2.8	3.0	1.1	1.6	1.1	.7
Stamford.....	3.2	1.8	2.7	1.1	1.6	1.6	1.0	1.0	.2	.3
Waterbury.....	3.2	2.4	2.1	1.5	2.1	2.5	1.3	1.2	.5	1.0
DELAWARE ¹	3.9	2.3	3.1	1.6	2.1	1.9	.9	.9	.7	.4
Wilmington ¹	3.4	1.9	2.6	1.2	1.9	1.6	.7	.6	.7	.4
DISTRICT OF COLUMBIA: Washington.....	3.6	3.1	3.3	2.8	3.3	3.0	2.0	2.0	.6	.3
FLORIDA.....	4.6	4.5	3.5	3.3	4.7	5.6	1.8	2.1	2.3	2.8
Jacksonville.....	5.1	7.2	2.8	3.2	5.9	7.7	1.3	2.3	3.6	4.8
Miami.....	4.0	4.3	3.0	3.8	6.5	6.6	1.7	2.1	4.2	4.1
Tampa-St. Petersburg.....	5.0	4.3	3.3	3.2	5.5	4.5	2.0	2.0	2.8	1.7
Georgia.....	4.9	4.6	3.9	3.6	3.6	4.2	2.0	2.1	.9	1.4
Atlanta ²	5.0	4.5	4.1	3.8	3.5	3.7	1.9	2.1	.7	.7
HAWAII ³	4.6	2.1	2.6	1.6	3.0	2.6	1.2	.9	1.2	.6
IDAHO ⁴	8.7	8.8	5.9	4.5	4.5	3.3	2.4	2.1	1.8	.8
INDIANA ¹	3.7	3.3	2.7	2.3	2.4	2.7	1.0	1.1	.8	1.0
Indianapolis ⁵	3.4	2.4	2.4	1.8	2.4	2.6	1.0	1.0	.9	1.0
IOWA.....	4.8	3.7	3.0	2.2	3.3	3.6	1.1	1.3	1.8	1.9
Des Moines.....	5.3	3.9	4.1	3.1	2.3	3.1	1.3	1.5	.6	1.1
KANSAS.....	4.7	4.3	3.3	2.7	3.2	4.3	1.3	1.7	1.3	1.3
Topeka.....	4.9	3.0	4.2	2.5	3.9	3.7	1.6	1.7	1.5	1.6
Wichita.....	4.2	3.4	2.8	2.0	2.7	4.6	1.4	1.3	.6	.6
KENTUCKY.....	3.7	3.1	2.4	2.1	2.9	2.9	1.0	1.0	1.4	1.5
Louisville.....	3.5	2.8	2.3	2.0	3.0	2.2	.8	.8	1.7	.9

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

Table D-5: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)				Separation rates					
	Accession rates		New hires		Total		Quits		Layoffs	
	June 1963	May 1963	June 1963	May 1963	June 1963	May 1963	June 1963	May 1963	June 1963	May 1963
LOUISIANA.....	4.9	4.7	2.9	3.0	3.1	2.8	0.8	0.9	1.6	1.4
New Orleans ⁶	6.8	7.0	3.4	3.1	4.2	4.2	1.0	1.0	2.6	2.7
MAINE.....	11.3	6.8	7.5	4.3	5.0	5.1	2.8	2.2	1.5	2.2
Portland.....	5.3	5.0	4.6	4.3	3.3	6.7	2.0	1.5	.9	4.8
MARYLAND.....	4.5	4.1	3.0	2.3	3.3	3.6	1.2	1.3	1.4	1.7
Baltimore.....	4.0	4.0	2.7	2.2	3.0	3.2	1.1	1.2	1.3	1.5
MASSACHUSETTS.....	4.1	3.5	2.9	2.3	3.2	3.9	1.4	1.5	1.1	1.6
Boston.....	3.9	3.6	2.9	2.5	3.2	3.5	1.3	1.4	.9	1.5
Fall River.....	3.5	4.2	2.7	2.0	2.9	5.0	1.7	1.8	.9	2.4
New Bedford.....	5.0	3.7	3.1	2.5	4.0	5.0	1.6	2.0	1.3	2.4
Springfield-Chicopee-Holyoke.....	3.4	3.7	2.2	2.4	2.7	3.4	1.1	1.3	1.1	1.4
Worcester.....	4.0	2.9	2.6	1.7	3.0	4.3	1.0	1.4	1.4	2.0
MINNESOTA.....	6.1	4.1	4.1	2.4	3.0	3.3	1.4	1.4	1.0	1.3
Duluth-Superior.....	4.6	6.5	3.5	4.8	5.4	2.4	1.7	1.5	3.1	.4
Minneapolis-St. Paul.....	4.5	3.5	2.9	2.0	2.9	3.4	1.2	1.4	1.0	1.3
MISSISSIPPI.....	4.8	5.6	3.7	4.1	4.8	5.3	2.0	2.3	2.2	2.4
Jackson.....	4.5	5.0	3.7	3.8	3.9	4.6	1.9	2.3	1.1	1.6
MISSOURI.....	4.8	3.9	3.4	2.5	3.2	3.1	1.5	1.5	1.1	1.0
Kansas.....	5.0	4.1	3.4	2.5	3.5	3.6	1.4	1.4	1.4	1.4
St. Louis.....	4.0	3.4	3.0	2.4	2.5	2.7	1.0	1.2	.9	.9
MONTANA ⁴	7.9	6.8	6.7	5.1	4.9	4.1	3.2	2.3	.8	1.3
NEBRASKA.....	5.2	5.7	3.4	3.7	4.4	3.9	2.0	1.9	1.6	1.4
NEVADA.....	6.3	5.5	6.0	5.0	5.6	5.4	4.2	3.2	.5	1.1
NEW HAMPSHIRE.....	5.2	4.5	3.7	3.1	3.6	4.3	2.1	2.3	.7	1.2
NEW MEXICO.....	5.8	5.4	4.6	3.8	4.8	4.5	2.9	2.6	.5	.8
Albuquerque.....	4.7	4.4	3.9	3.7	3.5	3.3	2.4	2.3	.3	.4
NEW YORK.....	4.9	4.0	2.7	2.2	4.1	4.1	1.1	1.1	2.3	2.4
Albany-Schenectady-Troy.....	3.3	2.6	2.0	1.4	2.2	2.3	.7	.6	.4	.7
Binghamton.....	1.8	1.3	1.2	.8	2.7	2.4	.7	.8	1.4	1.0
Buffalo.....	3.0	3.0	1.6	1.5	2.2	2.7	.5	.5	1.3	1.7
Elmira.....	3.8	3.0	2.3	1.8	2.5	2.3	1.1	.9	.9	.7
Nassau and Suffolk Counties.....	3.6	2.8	2.9	2.1	4.6	3.5	1.4	1.4	2.3	1.5
New York City.....	5.9	5.4	3.1	3.1	5.3	5.6	1.1	1.2	3.4	3.6
Rochester.....	3.6	2.1	2.9	1.3	1.7	2.2	.8	.8	.5	1.1
Syracuse.....	4.5	1.9	2.6	1.0	2.7	2.0	1.0	.9	1.1	.5
Utica-Rome.....	6.1	2.7	1.9	1.4	3.3	4.1	.9	.9	1.7	2.5
Westchester County.....	5.1	4.1	3.3	2.4	4.0	5.0	1.3	1.2	1.7	3.1
NORTH CAROLINA.....	4.2	3.6	3.5	2.8	2.8	3.4	1.7	2.2	.6	.6
Charlotte.....	3.8	2.7	3.4	2.3	2.5	3.4	1.7	2.2	.2	.8
Greensboro-High Point.....	4.0	3.6	3.4	3.0	2.8	3.8	2.0	2.6	.3	.5
NORTH DAKOTA.....	6.0	7.3	5.0	5.5	4.5	5.2	3.0	2.0	1.0	2.5
Fargo-Moorhead.....	4.8	5.3	3.8	3.1	1.9	2.4	.8	1.2	.7	.7
OKLAHOMA ⁷	4.6	4.3	3.7	3.2	4.3	4.6	2.0	2.1	1.8	1.9
Oklahoma City.....	5.2	4.3	3.8	3.2	4.1	4.8	2.2	2.5	1.2	2.0
Tulsa ⁷	3.9	4.5	3.6	3.1	5.1	3.4	1.8	1.5	2.9	1.4

See footnotes at end of table.
NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

Table D-5: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New Hires		Total		Quits		Layoffs	
	June 1963	May 1963	June 1963	May 1963	June 1963	May 1963	June 1963	May 1963	June 1963	May 1963
OREGON ¹	8.7	6.9	6.9	5.3	4.9	5.3	2.6	2.8	1.4	1.7
Portland ¹	7.2	5.4	5.1	4.1	4.0	5.3	1.6	1.9	1.8	2.7
RHODE ISLAND	5.2	5.7	3.6	3.3	3.9	4.8	1.8	2.2	1.3	1.7
Providence-Pawtucket	5.3	5.5	3.7	3.3	3.6	4.6	1.7	2.1	1.1	1.7
SOUTH CAROLINA ⁸	4.1	4.4	3.3	3.3	3.6	4.0	2.2	2.5	.8	.7
Charleston	5.8	5.6	4.4	4.1	4.6	6.1	2.3	2.7	1.4	2.0
SOUTH DAKOTA	6.5	8.7	4.1	4.7	4.0	4.7	2.4	2.2	1.3	2.0
Sioux Falls	6.3	5.3	2.9	2.1	2.8	3.4	1.2	.9	1.3	2.1
TENNESSEE	3.7	3.5	2.7	2.3	2.5	2.6	1.2	1.3	.8	.9
Chattanooga ⁶	3.2	2.9	2.7	2.0	2.4	2.7	1.2	1.3	.7	.9
Knoxville	2.8	1.6	2.2	.8	1.4	1.2	.8	.7	.3	.2
Memphis	4.7	4.4	3.7	3.2	4.0	3.9	1.4	1.6	1.9	1.5
Nashville	3.3	3.1	2.6	2.0	2.1	2.4	1.4	1.4	.4	.5
TEXAS ⁹	4.3	3.7	3.4	2.9	2.7	3.4	1.6	1.9	.6	.9
Dallas ⁹	4.4	3.4	3.6	2.8	3.3	3.7	2.0	2.4	.7	.8
Fort Worth ⁹	4.9	4.4	3.9	3.7	3.5	4.9	1.8	2.9	1.1	1.3
Houston ⁹	3.8	3.3	3.0	2.8	2.2	2.7	1.3	1.4	.4	.7
San Antonio ⁹	3.7	3.4	3.2	3.0	1.8	3.3	1.2	1.9	.1	.7
VERMONT	3.6	3.1	2.5	2.1	3.6	3.2	1.5	1.6	1.5	1.2
Burlington	2.5	2.9	2.0	2.0	7.0	5.2	1.6	1.6	4.7	3.2
Springfield	3.2	1.5	2.8	1.2	1.4	1.5	.8	.5	.2	.5
VIRGINIA	4.1	3.5	3.2	2.6	3.3	3.6	1.6	1.8	1.0	1.2
Norfolk-Portsmouth	5.6	3.5	4.2	2.6	4.8	7.8	1.8	1.8	2.3	5.3
Richmond	3.8	2.9	3.2	2.1	2.7	3.6	1.5	1.4	.6	1.5
Roanoke	4.7	3.5	3.7	2.7	2.8	3.1	1.8	1.7	.2	.7
WASHINGTON ¹	5.2	3.9	4.0	2.8	3.9	4.1	1.8	1.9	1.2	1.5
Seattle ¹	3.8	3.1	2.7	2.0	4.2	4.6	1.9	1.8	1.5	2.0
Spokane ¹⁰	6.3	6.4	4.2	3.5	4.0	2.9	1.3	1.0	1.9	1.5
Tacoma ¹	6.6	4.2	5.6	3.3	3.1	3.2	1.4	1.4	.9	1.0
WEST VIRGINIA	3.5	2.9	2.0	1.5	2.0	2.9	.7	.7	.9	1.7
Charleston	2.8	1.2	2.2	.8	1.2	1.8	.5	.5	.5	1.0
Huntington-Ashland	3.5	3.2	2.1	1.8	1.8	2.7	.6	.6	.8	1.8
Wheeling	5.0	3.5	1.6	1.4	2.6	3.2	.4	.7	1.8	2.0

¹Excludes canning and preserving.

²Excludes agricultural chemicals and miscellaneous manufacturing.

³Excludes canned fruits, vegetables, preserves, jams, and jellies.

⁴Excludes canning and preserving, and sugar.

⁵Excludes canning and preserving, and newspapers.

⁶Excludes printing and publishing.

⁷Excludes new-hire rate for transportation equipment.

⁸Excludes tobacco stemming and redrying.

⁹Excludes canning and preserving, sugar, and tobacco.

¹⁰Excludes canning and preserving, printing and publishing.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

Monthly Data

1959 to Date

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ESTABLISHMENT DATA

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Table A: Employees on nonagricultural payrolls, by industry

1959 to date
(In thousands)

Year	Annual Average	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL													
1959	53,404	51,712	51,633	52,093	52,796	53,421	54,072	53,866	53,661	54,135	54,057	54,234	55,162
1960	54,370	53,484	53,462	53,539	54,345	54,426	54,842	54,470	54,674	55,004	54,897	54,595	54,697
1961	54,224	52,856	52,494	52,787	53,244	53,815	54,571	54,381	54,759	55,220	55,327	55,413	55,815
1962	55,841	54,053	54,154	54,442	55,296	55,721	56,311	56,093	56,329	56,872	56,953	56,828	57,044
1963		55,409	55,374	55,714	56,505	56,967							
MINING													
1959	732	745	731	731	740	756	768	768	707	689	691	725	732
1960	712	712	713	710	723	726	729	701	722	714	711	699	686
1961	672	671	660	658	662	673	684	678	682	682	674	673	663
1962	652	652	648	645	652	662	666	654	663	657	652	644	634
1963		622	618	616	632	643							
CONTRACT CONSTRUCTION													
1959	2,960	2,573	2,456	2,562	2,835	3,024	3,191	3,258	3,323	3,246	3,165	3,032	2,850
1960	2,885	2,584	2,518	2,428	2,755	2,961	3,100	3,192	3,224	3,159	3,114	2,947	2,637
1961	2,816	2,460	2,339	2,457	2,637	2,805	3,015	3,081	3,157	3,114	3,087	2,942	2,702
1962	2,909	2,426	2,418	2,480	2,771	2,963	3,071	3,232	3,288	3,235	3,195	3,057	2,776
1963		2,584	2,470	2,556	2,846	3,049							
MANUFACTURING													
1959	16,675	16,204	16,279	16,441	16,531	16,686	16,951	16,925	16,699	16,387	16,708	16,804	16,989
1960	16,796	16,924	16,968	16,922	16,844	16,812	16,883	16,725	16,882	16,980	16,775	16,576	16,258
1961	16,327	15,978	15,883	15,915	15,958	16,136	16,378	16,330	16,595	16,709	16,678	16,732	16,637
1962	16,859	16,455	16,540	16,618	16,735	16,783	16,969	16,881	17,040	17,249	17,157	17,023	16,862
1963		16,687	16,683	16,756	16,845	16,960							
DURABLE GOODS													
1959	9,373	9,100	9,160	9,296	9,410	9,536	9,668	9,613	9,143	9,289	9,224	9,389	9,643
1960	9,459	9,672	9,706	9,650	9,595	9,560	9,540	9,383	9,346	9,429	9,322	9,246	9,063
1961	9,072	8,892	8,795	8,803	8,865	9,027	9,138	9,083	9,117	9,222	9,237	9,360	9,330
1962	9,493	9,258	9,322	9,377	9,463	9,518	9,590	9,507	9,455	9,638	9,633	9,606	9,546
1963		9,481	9,474	9,508	9,593	9,673							
ORDNANCE AND ACCESSORIES													
1959	176.5	165.0	165.4	167.1	168.3	170.2	173.1	177.9	179.4	183.9	185.3	189.1	193.1
1960	202.2	194.2	196.0	198.1	198.3	198.5	199.3	196.7	203.9	205.8	207.2	212.6	216.0
1961	234.7	217.9	220.6	223.0	225.2	228.5	232.1	236.8	239.3	243.0	247.2	250.4	252.7
1962	270.7	254.8	257.0	262.6	264.9	266.0	267.4	274.6	280.3	279.2	279.4	281.0	280.7
1963		279.8	279.2	277.9	273.9	274.5							
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE													
1959	658.8	619.4	611.3	617.0	639.9	665.9	689.7	692.6	696.1	688.4	675.9	660.6	648.3
1960	626.8	620.1	615.6	606.0	626.4	642.4	662.5	657.2	656.8	643.2	624.6	597.7	569.0
1961	582.9	553.7	542.0	543.0	563.5	586.0	612.1	609.8	615.1	610.8	601.1	587.3	570.7
1962	588.7	552.4	559.3	557.1	575.8	594.0	617.5	614.0	620.5	610.5	601.5	589.8	572.5
1963		561.2	556.1	560.9	571.9	594.6							
FURNITURE AND FIXTURES													
1959	385.0	376.6	378.5	378.1	379.5	380.3	385.8	384.5	388.3	392.7	392.8	391.3	391.0
1960	383.0	388.3	387.1	386.6	387.3	383.2	384.9	377.6	385.7	386.3	385.4	377.8	365.2
1961	367.5	355.0	355.7	356.0	358.4	358.5	364.3	363.3	374.6	378.6	383.0	381.7	380.6
1962	385.1	375.1	377.4	379.5	380.8	383.1	386.2	382.0	391.6	392.6	393.1	391.8	387.8
1963		384.2	382.3	383.0	382.6	382.8							
STONE, CLAY, AND GLASS PRODUCTS													
1959	604.0	551.1	553.9	578.4	602.1	612.7	627.1	626.9	626.6	629.5	616.3	615.8	607.5
1960	604.0	592.1	593.7	590.9	605.9	615.6	621.8	618.9	619.2	616.9	608.1	593.6	571.3
1961	582.0	549.9	542.5	554.0	568.6	583.2	596.9	599.4	608.1	607.2	600.7	594.5	578.5
1962	594.0	559.3	561.0	564.7	586.0	600.1	611.8	612.8	618.8	616.4	612.0	601.9	583.1
1963		567.7	563.2	574.1	599.6	615.3							
PRIMARY METAL INDUSTRIES													
1959	1,182.6	1,212.4	1,241.2	1,277.0	1,301.3	1,318.2	1,337.0	1,313.1	896.2	872.6	863.2	1,241.5	1,317.2
1960	1,231.2	1,327.1	1,332.4	1,322.1	1,300.2	1,274.6	1,248.9	1,200.7	1,188.5	1,174.1	1,158.8	1,134.0	1,112.6
1961	1,142.7	1,096.6	1,086.8	1,088.7	1,099.4	1,130.5	1,154.0	1,155.3	1,168.6	1,181.8	1,179.0	1,183.1	1,188.0
1962	1,163.8	1,197.4	1,211.8	1,219.1	1,219.4	1,191.9	1,163.2	1,132.3	1,133.0	1,135.0	1,122.3	1,117.4	1,123.2
1963		1,123.0	1,136.4	1,151.9	1,174.8	1,191.6							
FABRICATED METAL PRODUCTS													
1959	1,122.5	1,104.8	1,100.3	1,114.1	1,125.9	1,138.3	1,156.2	1,142.6	1,112.0	1,134.1	1,104.0	1,096.3	1,141.3
1960	1,135.3	1,152.6	1,160.1	1,151.6	1,138.4	1,138.7	1,146.6	1,122.7	1,127.2	1,139.4	1,136.9	1,116.9	1,092.1
1961	1,084.5	1,069.7	1,047.0	1,041.9	1,053.2	1,079.3	1,090.7	1,075.4	1,097.4	1,105.6	1,114.6	1,122.4	1,116.9
1962	1,127.5	1,106.3	1,104.3	1,110.1	1,120.2	1,131.1	1,139.5	1,126.2	1,126.8	1,146.7	1,145.0	1,140.5	1,133.8
1963		1,123.0	1,119.7	1,121.5	1,133.7	1,147.6							
MACHINERY													
1959	1,452.1	1,365.8	1,398.7	1,422.7	1,438.2	1,464.8	1,484.6	1,472.7	1,465.3	1,488.5	1,466.4	1,462.9	1,494.0
1960	1,479.0	1,505.9	1,521.5	1,522.2	1,515.6	1,505.1	1,505.0	1,484.9	1,463.0	1,451.1	1,428.1	1,425.3	1,419.7
1961	1,419.0	1,415.1	1,418.1	1,416.5	1,420.8	1,421.9	1,422.4	1,413.6	1,410.0	1,417.5	1,412.8	1,419.1	1,439.9
1962	1,489.8	1,447.0	1,463.0	1,484.4	1,495.7	1,498.2	1,510.2	1,498.6	1,494.4	1,498.4	1,495.1	1,495.9	1,496.8
1963		1,501.8	1,506.4	1,514.4	1,518.8	1,516.4							

Table A: Employees on nonagricultural payrolls, by industry--Continued

1959 to date
(In thousands)

Year	Annual Average	January	February	March	April	May	June	July	August	September	October	November	December
ELECTRICAL EQUIPMENT AND SUPPLIES													
1959	1,396.4	1,320.1	1,325.9	1,330.4	1,338.5	1,358.8	1,385.0	1,391.9	1,423.5	1,464.4	1,475.0	1,462.8	1,480.3
1960	1,467.1	1,484.7	1,486.9	1,478.9	1,462.1	1,453.8	1,459.9	1,450.3	1,467.5	1,486.6	1,445.4	1,476.6	1,452.8
1961	1,474.7	1,447.0	1,444.1	1,439.2	1,438.1	1,450.8	1,462.1	1,455.8	1,483.1	1,495.6	1,512.3	1,531.0	1,537.5
1962	1,579.2	1,534.6	1,544.5	1,549.8	1,556.0	1,563.9	1,585.5	1,580.1	1,590.3	1,607.8	1,613.6	1,614.3	1,610.4
1963		1,597.3	1,586.9	1,577.4	1,572.4	1,572.8							
TRANSPORTATION EQUIPMENT													
1959	1,661.9	1,695.6	1,684.0	1,702.8	1,703.2	1,704.9	1,697.1	1,681.8	1,606.6	1,666.0	1,672.2	1,502.5	1,626.6
1960	1,586.7	1,680.8	1,676.6	1,652.0	1,617.0	1,602.6	1,555.8	1,535.7	1,476.8	1,561.5	1,567.8	1,566.9	1,546.8
1961	1,458.8	1,490.2	1,438.0	1,439.0	1,432.9	1,472.0	1,475.9	1,457.5	1,382.4	1,430.5	1,427.3	1,531.6	1,528.4
1962	1,542.3	1,513.5	1,520.4	1,519.1	1,523.1	1,540.6	1,549.6	1,535.8	1,430.5	1,575.0	1,590.2	1,600.2	1,609.2
1963		1,612.7	1,607.5	1,603.7	1,616.5	1,620.4							
INSTRUMENTS AND RELATED PRODUCTS													
1959	345.3	329.2	332.6	335.7	336.6	339.5	345.4	345.2	349.4	355.8	357.5	357.5	358.8
1960	354.3	357.2	358.6	358.0	357.0	355.2	356.3	351.2	354.6	354.4	351.5	351.2	346.9
1961	347.4	343.8	341.1	340.7	340.5	343.2	346.1	344.3	349.5	353.0	353.4	356.5	356.2
1962	360.4	354.1	354.1	356.6	357.7	358.4	360.6	359.7	363.9	364.2	364.8	365.3	365.3
1963		364.8	364.8	366.0	367.3	368.1							
MISCELLANEOUS MANUFACTURING INDUSTRIES													
1959	387.7	360.4	367.7	372.5	376.5	382.3	387.3	383.6	399.1	413.1	415.7	408.6	385.0
1960	389.9	369.4	377.2	383.5	386.8	390.6	399.4	386.8	403.0	409.9	408.4	393.4	370.4
1961	378.2	352.7	358.9	360.7	364.8	373.0	381.6	371.5	388.4	397.9	405.5	402.6	380.8
1962	391.2	363.0	369.3	374.7	383.4	390.4	398.2	390.7	405.3	412.4	416.3	407.7	383.1
1963		365.7	371.6	377.0	381.2	388.7							
NONDURABLE GOODS													
1959	7,303	7,104	7,119	7,145	7,121	7,150	7,283	7,312	7,556	7,598	7,484	7,415	7,346
1960	7,336	7,252	7,262	7,272	7,249	7,252	7,343	7,342	7,536	7,551	7,453	7,330	7,195
1961	7,255	7,086	7,088	7,112	7,093	7,109	7,240	7,247	7,478	7,487	7,441	7,372	7,307
1962	7,367	7,197	7,218	7,241	7,272	7,265	7,379	7,374	7,585	7,611	7,524	7,417	7,316
1963		7,206	7,209	7,248	7,252	7,287							
FOOD AND KINDRED PRODUCTS													
1959	1,789.6	1,702.3	1,689.5	1,688.8	1,706.8	1,729.2	1,797.8	1,837.9	1,953.3	1,944.5	1,859.9	1,806.7	1,758.6
1960	1,790.0	1,713.3	1,692.5	1,688.6	1,716.4	1,727.4	1,786.5	1,841.4	1,920.0	1,947.7	1,889.3	1,804.8	1,752.1
1961	1,775.2	1,700.1	1,681.4	1,688.6	1,696.5	1,707.4	1,772.1	1,819.6	1,908.9	1,918.4	1,867.0	1,801.8	1,740.8
1962	1,759.9	1,685.6	1,664.4	1,662.4	1,689.4	1,699.0	1,764.8	1,815.2	1,894.8	1,912.6	1,842.2	1,764.3	1,724.0
1963		1,671.1	1,648.7	1,653.2	1,659.4	1,679.9							
TOBACCO MANUFACTURES													
1959	94.5	94.1	90.8	85.5	83.1	82.5	83.3	80.9	107.1	118.1	111.6	99.0	98.1
1960	94.0	94.9	92.6	86.4	83.6	83.0	82.2	83.2	97.9	116.5	113.2	99.0	95.8
1961	90.7	92.2	88.6	83.8	79.6	78.3	79.1	76.9	99.5	116.6	107.5	93.5	92.9
1962	91.0	90.5	87.0	81.3	77.8	76.7	77.2	77.8	103.1	117.5	111.2	96.7	94.8
1963		89.1	86.1	80.8	78.6	76.5							
TEXTILE MILL PRODUCTS													
1959	945.7	926.4	930.9	937.1	940.0	944.8	953.1	943.6	960.0	963.2	959.0	949.4	941.1
1960	924.4	934.5	934.4	937.9	936.2	935.6	939.7	919.6	931.0	921.0	910.8	902.9	888.7
1961	893.4	875.5	875.1	876.1	882.6	889.7	900.0	888.5	903.8	906.5	908.7	908.5	905.2
1962	902.6	896.7	898.6	900.6	903.0	905.3	912.7	895.3	909.6	908.1	906.4	901.9	893.1
1963		881.4	881.2	884.8	886.9	887.6							
APPAREL AND RELATED PRODUCTS													
1959	1,225.9	1,194.6	1,223.3	1,221.4	1,192.9	1,194.4	1,201.4	1,196.1	1,258.1	1,264.0	1,250.9	1,261.6	1,251.8
1960	1,233.2	1,232.0	1,256.7	1,266.4	1,221.0	1,219.1	1,223.2	1,203.0	1,262.9	1,253.5	1,235.3	1,231.9	1,193.8
1961	1,214.5	1,177.6	1,209.9	1,221.3	1,189.0	1,177.8	1,198.0	1,182.1	1,252.1	1,233.7	1,240.9	1,248.2	1,242.8
1962	1,266.7	1,222.0	1,256.4	1,271.6	1,264.4	1,248.1	1,260.9	1,237.6	1,298.9	1,297.1	1,290.3	1,284.8	1,267.8
1963		1,251.2	1,284.0	1,301.2	1,280.2	1,288.2							
PAPER AND ALLIED PRODUCTS													
1959	587.2	573.0	572.4	573.4	577.2	580.8	591.4	587.9	594.3	601.3	598.0	597.6	598.7
1960	601.1	595.2	594.8	595.7	599.0	600.1	606.1	599.6	607.3	609.2	606.7	603.3	596.3
1961	601.3	592.3	589.1	591.7	592.6	595.7	605.7	600.9	608.1	609.4	609.0	610.4	611.1
1962	614.5	603.3	602.3	606.0	610.8	611.3	619.9	615.3	622.9	623.4	621.4	618.9	618.2
1963		613.0	609.9	613.2	614.5	615.8							
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES													
1959	888.5	875.1	875.6	879.0	880.2	880.7	883.4	884.9	889.1	899.1	903.6	903.7	907.3
1960	911.3	897.7	902.8	905.5	906.0	905.3	911.3	909.9	913.1	916.8	923.1	925.1	919.5
1961	917.3	910.0	910.8	914.6	912.1	909.9	915.1	916.7	917.3	920.9	924.9	927.0	928.0
1962	924.9	917.7	919.0	921.9	922.9	921.2	925.3	923.2	925.9	933.4	936.9	938.0	913.7
1963		906.0	903.3	907.7	925.3	927.9							
CHEMICALS AND ALLIED PRODUCTS													
1959	809.2	789.8	792.3	802.7	812.6	811.8	809.0	811.1	817.2	818.6	815.1	815.3	814.7
1960	828.2	815.2	820.1	825.1	837.3	835.7	834.3	835.1	837.7	831.4	824.9	822.2	819.1
1961	827.2	815.9	813.7	820.4	828.6	829.2	829.0	830.3	835.0	831.0	830.6	830.0	832.2
1962	846.0	829.7	833.9	840.1	851.0	849.0	846.8	851.1	853.8	852.0	849.8	847.8	846.4
1963		846.2	850.1	858.1	870.1	869.4							

Table A: Employees on nonagricultural payrolls, by industry --Continued

1959 to date
(In thousands)

Year	Annual Average	January	February	March	April	May	June	July	August	September	October	November	December
PETROLEUM REFINING AND RELATED INDUSTRIES													
1959	215.5	217.0	206.1	217.1	217.6	219.2	221.0	218.2	213.2	216.4	214.9	212.9	212.5
1960	211.9	212.6	212.5	212.5	212.7	213.7	215.9	215.3	214.8	212.5	209.7	206.7	203.9
1961	201.9	202.3	200.5	201.3	202.8	204.0	206.7	203.3	206.2	203.7	202.3	196.1	193.9
1962	195.0	196.5	196.5	196.2	197.5	198.3	200.0	199.9	198.9	191.6	190.0	188.4	186.2
1963		184.8	185.6	185.7	187.0	188.9							
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS													
1959	372.7	362.2	363.6	367.5	343.8	339.5	366.5	375.5	382.3	393.8	395.2	392.8	389.4
1960	379.0	386.7	386.9	386.5	380.1	376.9	379.9	371.7	378.4	379.3	379.7	373.5	368.4
1961	375.3	362.2	358.0	356.8	359.7	366.7	373.3	371.9	380.6	388.7	393.1	395.5	396.9
1962	405.8	395.1	396.8	398.1	396.5	401.4	408.4	401.2	409.5	415.1	417.8	416.0	413.1
1963		412.1	406.0	406.6	408.1	410.4							
LEATHER AND LEATHER PRODUCTS													
1959	374.0	369.7	374.2	372.9	366.5	366.9	376.1	375.9	381.5	379.0	375.6	375.9	374.1
1960	363.4	370.1	369.0	367.6	357.1	355.4	363.9	362.8	373.0	363.4	360.1	361.0	357.8
1961	358.2	357.4	360.7	357.0	349.8	350.0	360.9	356.9	366.4	358.1	356.7	361.1	363.2
1962	360.3	360.3	362.9	363.1	358.7	354.4	362.7	357.5	367.7	360.0	357.7	359.7	358.5
1963		350.9	353.9	351.5	342.0	342.6							
TRANSPORTATION AND PUBLIC UTILITIES													
1959	4,011	3,946	3,941	3,959	3,987	4,023	4,071	4,075	4,041	4,038	4,010	4,010	4,035
1960	4,004	3,973	3,976	3,985	4,015	4,019	4,064	4,055	4,040	4,018	3,998	3,968	3,941
1961	3,903	3,867	3,847	3,846	3,845	3,872	3,927	3,952	3,946	3,949	3,938	3,928	3,916
1962	3,903	3,849	3,850	3,865	3,880	3,902	3,940	3,921	3,934	3,932	3,935	3,912	3,914
1963		3,775	3,844	3,847	3,859	3,897							
WHOLESALE AND RETAIL TRADE													
1959	11,127	10,786	10,693	10,771	10,874	11,006	11,116	11,081	11,168	11,220	11,300	11,454	12,056
1960	11,391	11,183	11,078	11,059	11,385	11,305	11,385	11,347	11,379	11,421	11,483	11,570	12,100
1961	11,337	11,188	10,993	11,051	11,118	11,198	11,315	11,301	11,327	11,361	11,430	11,601	12,160
1962	11,582	11,257	11,176	11,213	11,463	11,481	11,596	11,565	11,592	11,656	11,704	11,856	12,420
1963		11,535	11,433	11,497	11,740	11,720							
WHOLESALE TRADE													
1959	2,946	2,886	2,874	2,872	2,880	2,890	2,923	2,949	3,012	2,995	3,007	3,016	3,042
1960	3,004	2,980	2,967	2,961	2,968	2,963	2,986	3,009	3,056	3,041	3,040	3,032	3,041
1961	2,993	2,978	2,955	2,944	2,936	2,942	2,972	3,003	3,039	3,030	3,039	3,037	3,046
1962	3,061	3,002	3,002	3,002	3,008	3,019	3,065	3,090	3,111	3,107	3,109	3,100	3,118
1963		3,073	3,065	3,069	3,075	3,085							
RETAIL TRADE													
1959	8,182	7,900	7,819	7,899	7,994	8,116	8,193	8,132	8,156	8,225	8,293	8,438	9,014
1960	8,388	8,203	8,111	8,098	8,417	8,342	8,399	8,338	8,323	8,380	8,443	8,538	9,059
1961	8,344	8,210	8,038	8,107	8,182	8,256	8,343	8,298	8,288	8,331	8,391	8,564	9,114
1962	8,521	8,255	8,174	8,211	8,455	8,462	8,531	8,475	8,481	8,549	8,595	8,756	9,302
1963		8,462	8,368	8,428	8,665	8,635							
FINANCE, INSURANCE, AND REAL ESTATE													
1959	2,594	2,528	2,534	2,548	2,570	2,580	2,612	2,643	2,645	2,624	2,615	2,611	2,616
1960	2,669	2,607	2,621	2,629	2,648	2,654	2,685	2,717	2,722	2,699	2,681	2,683	2,684
1961	2,731	2,676	2,680	2,684	2,701	2,714	2,747	2,778	2,785	2,759	2,749	2,748	2,751
1962	2,798	2,743	2,747	2,757	2,775	2,787	2,816	2,847	2,849	2,821	2,814	2,813	2,811
1963		2,806	2,813	2,825	2,842	2,858							
SERVICES AND MISCELLANEOUS													
1959	7,115	6,844	6,875	6,925	7,085	7,167	7,235	7,216	7,202	7,210	7,230	7,203	7,185
1960	7,392	7,150	7,182	7,206	7,357	7,436	7,522	7,525	7,502	7,476	7,486	7,453	7,411
1961	7,610	7,344	7,355	7,407	7,536	7,601	7,708	7,727	7,732	7,742	7,741	7,717	7,708
1962	7,949	7,639	7,673	7,731	7,871	7,965	8,076	8,117	8,097	8,075	8,084	8,047	8,014
1963		7,956	7,997	8,076	8,199	8,294							
GOVERNMENT													
1959	8,190	8,086	8,129	8,156	8,174	8,179	8,128	7,900	7,876	8,221	8,338	8,395	8,699
1960	8,520	8,351	8,406	8,600	8,618	8,513	8,474	8,208	8,203	8,537	8,649	8,699	8,980
1961	8,828	8,672	8,737	8,769	8,787	8,816	8,797	8,534	8,535	8,904	9,030	9,072	9,278
1962	9,188	9,032	9,102	9,133	9,149	9,178	9,177	8,876	8,866	9,247	9,412	9,476	9,613
1963		9,444	9,516	9,541	9,542	9,546							
FEDERAL GOVERNMENT													
1959	2,233	2,192	2,190	2,192	2,197	2,194	2,221	2,227	2,220	2,200	2,204	2,228	2,528
1960	2,270	2,186	2,188	2,267	2,370	2,248	2,241	2,241	2,242	2,220	2,216	2,216	2,506
1961	2,279	2,208	2,213	2,221	2,233	2,240	2,277	2,294	2,300	2,281	2,283	2,291	2,510
1962	2,340	2,281	2,289	2,294	2,306	2,313	2,354	2,368	2,365	2,336	2,333	2,348	2,492
1963		2,327	2,332	2,334	2,344	2,340							
STATE AND LOCAL GOVERNMENT													
1959	5,957	5,894	5,939	5,964	5,977	5,985	5,907	5,673	5,656	6,021	6,134	6,167	6,171
1960	6,250	6,165	6,218	6,233	6,248	6,265	6,233	5,967	5,961	6,317	6,433	6,483	6,474
1961	6,548	6,464	6,524	6,548	6,554	6,576	6,520	6,240	6,235	6,623	6,747	6,781	6,768
1962	6,849	6,751	6,813	6,839	6,843	6,865	6,823	6,508	6,501	6,911	7,075	7,128	7,121
1963		7,117	7,184	7,207	7,198	7,206							

ESTABLISHMENT DATA

Table B: Production workers on manufacturing payrolls, by industry

1959 to date
(In thousands)

Year	Annual Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING													
1959	12,603	12,237	12,296	12,441	12,514	12,651	12,873	12,804	12,569	12,765	12,587	12,665	12,832
1960	12,586	12,765	12,799	12,740	12,655	12,621	12,658	12,487	12,627	12,741	12,554	12,351	12,036
1961	12,085	11,770	11,671	11,699	11,750	11,917	12,127	12,063	12,317	12,448	12,426	12,466	12,360
1962	12,494	12,177	12,249	12,306	12,408	12,442	12,587	12,471	12,624	12,840	12,753	12,613	12,459
1963		12,286	12,276	12,344	12,426	12,526							
DURABLE GOODS													
1959	7,033	6,835	6,879	7,001	7,104	7,222	7,327	7,243	6,770	6,920	6,854	7,002	7,238
1960	7,028	7,264	7,293	7,228	7,173	7,138	7,103	6,943	6,892	6,985	6,888	6,805	6,622
1961	6,620	6,456	6,357	6,365	6,435	6,590	6,685	6,623	6,650	6,760	6,780	6,889	6,851
1962	6,946	6,771	6,826	6,865	6,941	6,986	7,036	6,936	6,883	7,064	7,059	7,026	6,962
1963		6,896	6,884	6,919	7,010	7,083							
ORDNANCE AND ACCESSORIES													
1959	85.7	83.0	82.5	83.1	83.2	83.5	84.4	85.0	85.0	88.3	89.2	89.5	91.1
1960	94.6	92.3	93.3	94.0	93.3	93.1	92.4	93.4	93.8	96.0	96.0	98.5	99.3
1961	106.8	99.4	100.3	101.6	101.3	104.0	104.9	106.2	107.6	111.2	114.0	115.5	115.7
1962	119.7	115.2	115.4	116.4	117.9	118.0	118.0	120.7	124.0	122.9	122.4	123.3	122.7
1963		121.4	120.3	119.8	117.5	118.1							
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE													
1959	592.2	553.1	544.8	549.8	573.4	599.7	623.0	625.9	628.9	621.9	609.6	594.5	582.3
1960	561.1	553.7	550.2	539.7	560.8	577.0	596.2	591.1	590.4	576.8	558.9	532.7	505.1
1961	518.4	488.5	476.5	477.6	497.9	520.9	547.2	545.7	550.1	546.8	537.9	524.3	507.6
1962	526.2	489.9	496.7	494.7	512.6	530.6	553.7	550.2	557.4	548.5	539.6	528.6	511.6
1963		500.9	496.0	500.5	511.0	532.9							
FURNITURE AND FIXTURES													
1959	321.0	313.5	315.0	315.0	316.3	317.0	321.5	320.3	324.3	328.7	327.9	326.5	326.2
1960	318.5	324.0	323.0	321.8	322.2	318.3	320.2	313.3	321.3	321.7	320.7	313.8	301.2
1961	303.9	292.4	292.9	292.8	295.4	295.2	300.8	300.0	311.4	314.1	318.4	317.5	315.5
1962	319.7	310.0	312.6	314.1	315.9	317.5	320.3	316.5	326.4	326.7	327.7	326.2	322.7
1963		319.0	316.7	317.7	317.8	317.3							
STONE, CLAY, AND GLASS PRODUCTS													
1959	496.2	447.5	450.2	472.8	495.0	505.2	519.1	517.7	517.3	520.2	507.2	506.0	496.7
1960	491.8	481.2	481.8	478.7	493.5	503.0	509.3	505.2	506.6	504.8	495.7	481.4	459.8
1961	469.4	439.6	431.9	443.1	457.4	471.6	484.7	485.8	493.4	493.7	486.6	480.1	465.2
1962	479.1	447.3	448.8	452.0	472.4	485.6	495.9	496.4	501.8	500.2	495.9	486.0	466.7
1963		451.8	447.2	457.7	482.4	496.7							
PRIMARY METAL INDUSTRIES													
1959	953.8	987.2	1,013.9	1,048.7	1,071.0	1,087.1	1,103.4	1,076.0	671.3	650.9	641.7	1,011.7	1,082.5
1960	993.8	1,090.5	1,094.4	1,083.2	1,060.7	1,034.1	1,008.6	960.7	949.3	937.6	923.8	901.3	881.5
1961	914.6	867.7	859.0	861.2	872.5	904.3	926.0	926.4	940.4	954.7	949.8	953.6	959.6
1962	935.8	968.5	982.4	989.5	989.1	962.6	933.1	901.7	904.3	909.5	896.7	893.3	899.3
1963		899.8	914.1	929.2	952.6	969.6							
FABRICATED METAL PRODUCTS													
1959	868.5	854.3	851.4	863.4	874.6	887.7	903.9	888.7	854.2	876.1	847.1	838.6	882.5
1960	874.3	893.4	901.0	892.4	878.3	877.7	883.9	860.0	864.2	876.8	874.3	856.0	833.0
1961	826.0	810.8	790.3	786.6	796.2	822.8	831.7	816.1	838.4	845.5	854.0	862.8	856.9
1962	863.8	846.1	842.9	849.5	858.2	868.2	876.0	860.1	860.0	881.2	880.1	874.1	868.7
1963		857.2	853.6	855.4	867.6	880.0							
MACHINERY													
1959	1,027.2	956.6	984.1	1,005.7	1,019.9	1,045.0	1,057.9	1,043.6	1,033.3	1,056.5	1,035.1	1,030.4	1,058.0
1960	1,035.9	1,068.0	1,080.2	1,078.4	1,071.6	1,062.3	1,058.0	1,036.9	1,016.3	1,008.1	986.6	984.9	979.1
1961	976.7	974.5	977.9	976.8	981.0	981.2	978.5	969.5	964.2	974.7	970.3	976.2	995.4
1962	1,036.0	1,000.1	1,016.5	1,033.5	1,044.7	1,046.2	1,054.7	1,039.9	1,035.7	1,041.7	1,040.0	1,039.0	1,039.8
1963		1,043.2	1,046.1	1,050.8	1,055.5	1,052.1							
ELECTRICAL EQUIPMENT AND SUPPLIES													
1959	969.4	917.9	920.9	922.3	927.1	942.3	960.3	960.0	984.3	1,022.8	1,031.4	1,015.8	1,027.4
1960	996.3	1,029.6	1,029.1	1,017.4	999.2	989.4	991.2	978.1	990.0	1,007.5	967.0	991.2	965.7
1961	980.5	960.8	953.5	948.4	947.6	959.3	967.3	960.6	985.6	999.8	1,015.5	1,032.3	1,035.4
1962	1,060.3	1,030.3	1,036.5	1,038.6	1,043.6	1,049.5	1,063.8	1,056.1	1,066.4	1,084.5	1,087.7	1,086.5	1,080.0
1963		1,069.1	1,057.7	1,049.9	1,047.7	1,048.8							
TRANSPORTATION EQUIPMENT													
1959	1,175.7	1,216.9	1,200.5	1,217.5	1,216.4	1,219.5	1,209.8	1,188.7	1,115.0	1,177.8	1,186.0	1,017.2	1,143.0
1960	1,114.7	1,199.5	1,200.2	1,177.0	1,146.0	1,133.0	1,086.3	1,063.0	1,001.5	1,090.3	1,102.8	1,098.6	1,077.9
1961	997.1	1,022.8	972.6	973.3	977.2	1,011.8	1,014.8	995.5	920.2	968.3	975.4	1,069.2	1,064.2
1962	1,060.7	1,048.9	1,053.4	1,050.0	1,051.2	1,065.4	1,068.8	1,051.6	946.9	1,080.0	1,096.0	1,104.5	1,111.7
1963		1,112.5	1,104.8	1,104.4	1,118.0	1,120.7							
INSTRUMENTS AND RELATED PRODUCTS													
1959	230.3	218.6	221.6	223.9	224.7	227.1	231.3	228.6	232.4	238.7	239.1	238.7	239.0
1960	232.6	237.6	238.4	236.9	235.7	234.1	233.8	229.0	231.5	232.0	229.3	228.4	224.3
1961	223.1	221.7	218.1	218.1	217.7	220.1	221.8	218.9	224.2	227.9	227.9	230.7	229.5
1962	230.4	226.8	227.1	228.4	228.6	229.4	230.4	228.3	232.1	232.7	233.7	233.6	233.3
1963		232.3	232.4	233.1	234.5	234.8							

ESTABLISHMENT DATA

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Table B: Production workers on manufacturing payrolls, by industry--Continued

1959 to date

(In thousands)

Year	Annual Average	January	February	March	April	May	June	July	August	September	October	November	December
MISCELLANEOUS MANUFACTURING INDUSTRIES													
1959	312.9	286.6	294.4	298.7	302.8	308.1	312.7	308.8	324.2	337.6	339.5	332.7	309.1
1960	314.3	294.2	301.4	308.3	311.3	315.7	323.1	311.8	327.2	333.4	332.7	317.9	295.1
1961	303.5	277.9	284.1	285.8	290.3	298.6	307.0	298.0	314.1	323.1	330.5	327.1	305.5
1962	314.6	287.5	293.6	298.2	306.9	313.4	321.0	314.6	328.3	335.6	339.5	331.0	305.5
1963		288.6	294.6	300.3	304.9	312.0							
NONDURABLE GOODS													
1959	5,570	5,402	5,417	5,440	5,410	5,429	5,546	5,561	5,799	5,845	5,733	5,663	5,594
1960	5,558	5,501	5,506	5,512	5,482	5,483	5,555	5,544	5,735	5,756	5,666	5,546	5,414
1961	5,464	5,314	5,314	5,334	5,315	5,327	5,442	5,440	5,667	5,688	5,646	5,577	5,509
1962	5,548	5,406	5,423	5,441	5,467	5,456	5,551	5,535	5,741	5,776	5,694	5,587	5,497
1963		5,390	5,392	5,425	5,416	5,443							
FOOD AND KINDRED PRODUCTS													
1959	1,222.0	1,147.6	1,135.1	1,132.5	1,147.7	1,162.8	1,223.8	1,260.6	1,372.5	1,367.7	1,288.8	1,235.9	1,189.0
1960	1,211.8	1,146.6	1,126.1	1,120.0	1,143.8	1,153.3	1,203.1	1,253.5	1,331.2	1,360.3	1,306.3	1,224.9	1,171.9
1961	1,191.4	1,124.8	1,103.8	1,109.2	1,117.2	1,125.2	1,184.3	1,226.0	1,314.1	1,330.0	1,282.7	1,219.3	1,160.1
1962	1,175.5	1,108.3	1,087.5	1,085.8	1,110.4	1,118.2	1,172.8	1,219.4	1,297.4	1,321.6	1,258.7	1,182.4	1,143.4
1963		1,093.5	1,072.0	1,080.9	1,080.5	1,097.7							
TOBACCO MANUFACTURES													
1959	83.9	83.6	80.4	75.1	72.7	71.8	72.7	70.3	96.6	107.3	100.9	88.2	87.3
1960	83.3	84.2	82.0	75.7	73.1	72.2	71.7	72.7	86.9	105.5	102.3	88.2	85.1
1961	79.6	81.5	77.8	73.1	68.9	67.4	68.2	65.7	88.2	105.2	95.7	82.1	81.5
1962	79.1	79.1	75.6	69.8	66.5	65.3	65.6	66.0	90.6	105.0	98.9	84.6	82.7
1963		77.2	74.1	68.8	66.9	64.8							
TEXTILE MILL PRODUCTS													
1959	857.4	839.0	843.8	849.2	852.6	857.0	865.2	855.4	870.8	873.9	870.0	860.1	852.3
1960	835.1	845.1	845.1	848.1	846.8	846.4	849.5	831.2	841.3	831.7	822.5	813.6	799.7
1961	805.0	787.4	787.4	788.2	794.4	802.1	811.4	800.1	815.2	818.0	820.2	819.6	816.5
1962	812.4	807.9	809.2	810.6	813.6	815.5	823.1	805.7	819.4	817.3	814.9	810.4	801.6
1963		790.1	790.1	793.6	795.3	796.0							
APPAREL AND RELATED PRODUCTS													
1959	1,091.4	1,062.9	1,091.8	1,090.4	1,061.2	1,061.5	1,066.0	1,061.7	1,121.6	1,126.6	1,113.1	1,124.4	1,116.0
1960	1,098.2	1,097.4	1,121.0	1,131.1	1,086.1	1,084.1	1,087.7	1,069.6	1,127.5	1,117.4	1,099.0	1,096.3	1,061.3
1961	1,079.6	1,045.5	1,077.0	1,088.6	1,055.2	1,044.7	1,061.7	1,046.5	1,116.1	1,098.2	1,104.2	1,112.1	1,105.9
1962	1,125.4	1,085.3	1,118.0	1,132.1	1,123.4	1,107.1	1,118.9	1,096.4	1,156.3	1,153.9	1,146.2	1,141.4	1,125.5
1963		1,109.0	1,141.2	1,157.2	1,135.3	1,141.7							
PAPER AND ALLIED PRODUCTS													
1959	471.8	460.2	459.5	460.1	464.0	466.9	476.2	471.7	477.5	484.6	480.8	480.8	479.3
1960	479.7	475.7	475.4	476.1	478.6	479.7	484.4	476.9	484.4	486.4	484.1	480.6	473.5
1961	478.0	470.6	467.5	469.2	471.1	473.1	482.4	476.4	483.6	484.9	485.6	486.0	485.5
1962	486.0	478.1	476.0	479.3	483.7	483.7	491.4	485.0	492.3	493.7	492.0	488.8	487.7
1963		482.7	479.6	482.3	483.0	484.3							
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES													
1959	575.1	564.5	564.3	568.6	570.3	570.7	571.9	569.7	575.1	585.0	586.6	586.4	587.9
1960	588.9	578.9	581.8	585.0	584.6	584.4	588.0	585.9	589.6	594.2	599.6	600.1	595.0
1961	591.7	587.1	587.3	589.7	587.7	585.9	589.5	589.8	590.5	595.7	598.5	600.1	599.0
1962	594.0	589.5	590.4	592.9	593.2	591.9	594.1	589.7	593.7	600.3	603.3	602.3	586.3
1963		578.1	575.5	579.3	588.4	589.8							
CHEMICALS AND ALLIED PRODUCTS													
1959	505.6	491.0	493.7	503.5	511.7	511.0	505.6	503.3	509.0	512.6	509.6	508.7	507.0
1960	509.9	506.2	508.6	512.6	522.7	519.5	514.3	509.9	512.2	508.3	504.5	501.5	498.5
1961	504.3	494.9	494.3	500.8	507.8	507.6	505.2	503.7	507.3	506.7	507.6	507.4	508.3
1962	517.2	507.1	510.5	515.0	525.1	523.2	517.8	518.8	520.8	520.7	518.1	516.0	513.6
1963		513.8	515.9	521.5	531.9	530.0							
PETROLEUM REFINING AND RELATED INDUSTRIES													
1959	139.9	142.3	132.0	142.3	142.1	143.0	144.7	141.5	137.1	140.5	138.7	137.2	137.4
1960	137.9	137.2	137.6	137.2	137.4	139.2	141.4	140.6	140.9	139.0	137.0	134.8	132.2
1961	129.9	130.7	128.7	129.1	130.3	131.4	133.4	130.9	134.0	132.0	130.8	124.9	122.9
1962	125.3	126.5	126.7	126.4	127.8	128.1	129.2	129.2	128.0	122.1	120.9	120.0	118.5
1963		116.9	117.3	117.4	119.1	120.6							
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS													
1959	289.8	281.7	282.8	286.5	261.8	257.9	284.3	291.9	298.1	309.4	310.4	307.5	304.8
1960	292.8	301.9	301.5	300.9	294.2	290.9	293.6	284.2	291.0	292.7	293.2	287.7	282.0
1961	288.3	276.4	271.6	271.4	274.2	280.9	286.5	285.1	293.5	301.1	304.9	307.0	307.5
1962	314.3	305.8	307.1	307.5	306.1	310.5	317.0	309.5	316.9	322.5	325.4	323.2	320.2
1963		318.9	313.1	313.9	315.2	317.0							
LEATHER AND LEATHER PRODUCTS													
1959	332.9	328.9	333.4	332.0	325.5	326.0	335.2	334.7	340.5	337.8	334.0	334.0	332.6
1960	320.9	327.9	326.7	325.4	314.7	313.4	321.6	319.5	330.1	320.7	317.5	318.4	315.1
1961	316.4	315.2	318.8	314.8	308.2	308.7	319.5	315.6	324.6	316.6	315.3	318.6	321.4
1962	318.6	318.6	321.6	321.5	317.1	312.7	320.9	315.7	325.8	318.5	316.0	318.0	317.0
1963		310.0	312.7	310.0	300.5	301.4							

Table C: Gross hours and earnings of production workers on manufacturing payrolls

1959 to date													
Year	Annual Average	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING													
AVERAGE WEEKLY EARNINGS - IN DOLLARS													
1959	88.26	86.58	86.58	88.04	88.66	89.10	89.95	88.44	87.48	88.26	87.64	87.78	90.72
1960	89.72	91.08	89.95	89.72	88.65	90.40	90.63	90.17	89.55	89.89	90.12	89.21	88.62
1961	92.34	89.08	88.92	89.54	90.39	91.71	93.03	92.80	92.86	92.34	94.54	95.82	96.22
1962	96.56	94.49	94.80	95.91	96.56	96.80	97.27	96.39	95.75	97.27	96.32	97.36	98.01
1963		97.44	97.20	98.09	97.36	99.23							
AVERAGE WEEKLY HOURS													
1959	40.3	39.9	39.9	40.2	40.3	40.5	40.7	40.2	40.5	40.3	40.2	39.9	40.5
1960	39.7	40.3	39.8	39.7	39.4	40.0	40.1	39.9	39.8	39.6	39.7	39.3	38.7
1961	39.8	38.9	39.0	39.1	39.3	39.7	40.1	40.0	40.2	39.8	40.4	40.6	40.6
1962	40.4	39.7	40.0	40.3	40.4	40.5	40.7	40.5	40.4	40.7	40.3	40.4	40.5
1963		40.1	40.0	40.2	39.9	40.5							
AVERAGE HOURLY EARNINGS - IN DOLLARS													
1959	2.19	2.17	2.17	2.19	2.20	2.20	2.21	2.20	2.16	2.19	2.18	2.20	2.24
1960	2.26	2.26	2.26	2.26	2.25	2.26	2.26	2.26	2.25	2.27	2.27	2.27	2.29
1961	2.32	2.29	2.28	2.29	2.30	2.31	2.32	2.32	2.31	2.32	2.34	2.36	2.37
1962	2.39	2.38	2.37	2.38	2.39	2.39	2.39	2.38	2.37	2.39	2.39	2.41	2.42
1963		2.43	2.43	2.44	2.44	2.45							
DURABLE GOODS													
AVERAGE WEEKLY EARNINGS - IN DOLLARS													
1959	96.05	93.90	94.30	96.05	96.93	97.41	98.53	95.99	94.66	95.24	95.47	94.64	98.81
1960	97.44	99.39	97.93	97.69	96.40	97.77	97.77	96.80	96.40	97.60	97.69	96.23	96.19
1961	100.35	96.29	96.29	96.78	98.31	99.70	100.69	100.35	100.44	99.85	102.66	103.98	105.32
1962	104.70	103.17	103.53	104.04	105.22	104.81	105.06	104.04	103.89	105.88	105.37	105.78	107.53
1963		105.82	106.23	106.49	106.37	108.36							
AVERAGE WEEKLY HOURS													
1959	40.7	40.3	40.3	40.7	40.9	41.1	41.4	40.5	40.8	40.7	40.8	40.1	41.0
1960	40.1	40.9	40.3	40.2	40.0	40.4	40.4	40.0	40.0	40.0	40.2	39.6	39.1
1961	40.3	39.3	39.3	39.5	39.8	40.2	40.6	40.3	40.5	40.1	40.9	41.1	41.3
1962	40.9	40.3	40.6	40.8	41.1	41.1	41.2	40.8	40.9	41.2	41.0	41.0	41.2
1963		40.7	40.7	40.8	40.6	41.2							
AVERAGE HOURLY EARNINGS - IN DOLLARS													
1959	2.36	2.33	2.34	2.36	2.37	2.37	2.38	2.37	2.32	2.34	2.34	2.36	2.41
1960	2.43	2.43	2.43	2.43	2.41	2.42	2.42	2.42	2.41	2.44	2.43	2.43	2.46
1961	2.49	2.45	2.45	2.45	2.47	2.48	2.48	2.49	2.48	2.49	2.51	2.53	2.55
1962	2.56	2.56	2.55	2.55	2.56	2.55	2.55	2.55	2.54	2.57	2.57	2.58	2.61
1963		2.60	2.61	2.61	2.62	2.63							
NONDURABLE GOODS													
AVERAGE WEEKLY EARNINGS - IN DOLLARS													
1959	78.61	76.83	76.83	77.82	77.82	78.21	78.60	79.40	79.00	79.60	78.80	79.40	80.20
1960	80.36	79.59	78.98	78.97	78.95	80.58	81.18	81.78	80.78	80.75	80.55	80.52	79.46
1961	82.92	80.47	80.47	80.88	81.27	81.90	83.56	84.16	83.58	83.53	84.56	84.99	85.17
1962	85.54	83.85	84.28	84.93	85.54	85.97	87.02	86.80	86.18	86.80	85.50	86.33	86.94
1963		86.24	85.85	86.68	85.97	87.52							
AVERAGE WEEKLY HOURS													
1959	39.7	39.4	39.4	39.5	39.5	39.7	39.9	39.9	40.1	39.8	39.6	39.7	39.9
1960	39.2	39.4	39.1	38.9	38.7	39.5	39.6	39.7	39.6	39.2	39.1	38.9	38.2
1961	39.3	38.5	38.5	38.7	38.7	39.0	39.6	39.7	39.8	39.4	39.7	39.9	39.8
1962	39.6	39.0	39.2	39.5	39.6	39.8	40.1	40.0	39.9	40.0	39.4	39.6	39.7
1963		39.2	39.2	39.4	38.9	39.6							
AVERAGE HOURLY EARNINGS - IN DOLLARS													
1959	1.98	1.95	1.95	1.97	1.97	1.97	1.97	1.99	1.97	2.00	1.99	2.00	2.01
1960	2.05	2.02	2.02	2.03	2.04	2.04	2.05	2.06	2.04	2.06	2.06	2.07	2.08
1961	2.11	2.09	2.09	2.09	2.10	2.10	2.11	2.12	2.10	2.12	2.13	2.13	2.14
1962	2.16	2.15	2.15	2.15	2.16	2.16	2.17	2.17	2.16	2.17	2.17	2.18	2.19
1963		2.20	2.19	2.20	2.21	2.21							

Table D: Average weekly hours of production workers on manufacturing payrolls,

seasonally adjusted

1959 to date													
MANUFACTURING													
1959		40.1	40.2	40.4	40.6	40.5	40.5	40.1	40.2	40.2	40.0	39.9	40.2
1960		40.6	40.2	39.9	39.7	40.0	39.8	39.8	39.6	39.5	39.6	39.3	38.4
1961		39.2	39.4	39.4	39.5	39.6	39.8	39.9	40.0	39.8	40.3	40.6	40.3
1962		40.0	40.3	40.6	40.6	40.5	40.4	40.4	40.2	40.7	40.2	40.4	40.2
1963		40.4	40.3	40.5	40.1	40.5							
DURABLE GOODS													
1959		40.5	40.6	40.9	41.1	41.1	41.2	40.7	40.7	40.6	40.6	39.9	40.8
1960		41.1	40.6	40.4	40.1	40.3	40.1	40.1	40.0	39.9	40.0	39.5	39.0
1961		39.5	39.6	39.7	39.9	40.1	40.3	40.4	40.5	40.1	40.7	41.0	41.2
1962		40.5	40.9	41.0	41.2	41.0	40.9	40.9	40.9	41.2	40.8	40.9	41.1
1963		40.9	41.0	41.0	40.7	41.1							
NONDURABLE GOODS													
1959		39.6	39.7	39.9	40.0	39.9	39.8	39.6	39.6	39.5	39.5	39.6	39.6
1960		39.7	39.5	39.3	39.2	39.6	39.4	39.4	39.1	38.9	39.0	38.8	37.9
1961		38.8	38.9	39.1	39.1	39.1	39.4	39.4	39.3	39.2	39.6	39.7	39.5
1962		39.4	39.7	39.9	40.0	39.9	39.9	39.7	39.5	39.8	39.3	39.5	39.4
1963		39.6	39.7	39.8	39.3	39.7							

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

Table E: Employees on nonagricultural payrolls, by industry, seasonally adjusted

1959 to date
(in thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL												
1959	52,502	52,647	52,860	53,353	53,565	53,737	53,799	53,325	53,408	53,354	53,642	54,190
1960	54,331	54,527	54,499	54,728	54,555	54,449	54,395	54,352	54,248	54,160	54,015	53,752
1961	53,725	53,541	53,615	53,713	53,911	54,165	54,294	54,444	54,480	54,593	54,825	54,927
1962	54,946	55,223	55,368	55,703	55,822	55,908	56,010	56,019	56,125	56,195	56,205	56,211
1963	56,333	56,458	56,706	56,873	57,060							
MINING												
1959	753	745	747	751	757	756	764	696	679	686	722	730
1960	721	728	727	733	725	718	698	711	703	704	695	685
1961	681	675	674	670	671	673	675	671	672	667	670	662
1962	662	662	660	659	659	655	653	652	647	644	640	633
1963	631	631	631	639	640							
CONTRACT CONSTRUCTION												
1959	2,927	2,886	2,918	3,000	2,994	2,996	2,986	2,991	2,956	2,922	2,924	2,991
1960	2,946	2,969	2,781	2,909	2,929	2,916	2,918	2,891	2,872	2,870	2,834	2,773
1961	2,811	2,765	2,814	2,782	2,774	2,836	2,811	2,826	2,831	2,843	2,834	2,835
1962	2,785	2,858	2,841	2,926	2,934	2,894	2,949	2,949	2,941	2,939	2,942	2,913
1963	2,967	2,920	2,928	3,005	3,019							
MANUFACTURING												
1959	16,338	16,439	16,615	16,749	16,859	16,954	16,999	16,521	16,566	16,467	16,636	16,964
1960	17,083	17,149	17,115	17,054	16,969	16,857	16,778	16,711	16,641	16,526	16,418	16,252
1961	16,157	16,075	16,102	16,148	16,269	16,341	16,376	16,422	16,382	16,438	16,580	16,627
1962	16,639	16,732	16,809	16,926	16,921	16,931	16,930	16,867	16,921	16,910	16,858	16,851
1963	16,871	16,872	16,948	17,037	17,095							
DURABLE GOODS												
1959	9,130	9,215	9,360	9,486	9,571	9,636	9,665	9,173	9,209	9,132	9,287	9,604
1960	9,717	9,774	9,725	9,668	9,585	9,490	9,419	9,385	9,329	9,228	9,151	9,039
1961	8,947	8,870	8,877	8,928	9,036	9,082	9,114	9,152	9,128	9,149	9,271	9,303
1962	9,319	9,395	9,454	9,527	9,530	9,534	9,541	9,497	9,542	9,543	9,509	9,518
1963	9,542	9,546	9,586	9,660	9,683							
ORDNANCE AND ACCESSORIES												
1959	165	165	167	169	171	174	178	179	183	186	189	192
1960	194	196	198	199	200	201	197	203	205	208	212	215
1961	217	221	223	226	230	234	238	238	242	247	249	251
1962	255	257	262	265	268	270	276	279	279	280	280	279
1963	280	279	278	274	276							
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE												
1959	651	650	657	661	663	661	664	662	659	656	658	662
1960	653	654	645	646	640	633	629	624	616	606	595	582
1961	585	577	578	580	583	585	584	584	585	585	586	584
1962	584	594	593	592	591	590	588	589	585	585	588	586
1963	593	590	597	588	592							
FURNITURE AND FIXTURES												
1959	379	381	382	385	387	389	390	385	385	384	385	389
1960	391	390	391	392	389	387	383	382	378	376	372	364
1961	358	359	360	362	364	366	368	371	372	374	376	379
1962	379	381	384	385	389	388	387	387	385	384	386	386
1963	389	386	388	387	388							
STONE, CLAY, AND GLASS PRODUCTS												
1959	572	577	597	609	611	615	613	610	611	605	610	614
1960	617	620	613	613	613	608	604	600	598	596	588	579
1961	575	568	575	574	579	582	585	589	588	588	589	586
1962	586	588	588	593	597	598	598	599	597	599	596	591
1963	595	590	597	607	612							
PRIMARY METAL INDUSTRIES												
1959	1,211	1,241	1,276	1,304	1,318	1,328	1,324	899	872	863	1,240	1,316
1960	1,327	1,331	1,317	1,300	1,271	1,240	1,212	1,193	1,171	1,160	1,135	1,115
1961	1,099	1,086	1,082	1,097	1,124	1,146	1,167	1,173	1,181	1,181	1,188	1,190
1962	1,199	1,208	1,212	1,218	1,184	1,156	1,144	1,138	1,133	1,125	1,121	1,126
1963	1,124	1,133	1,145	1,174	1,184							
FABRICATED METAL PRODUCTS												
1959	1,103	1,107	1,125	1,140	1,148	1,154	1,155	1,113	1,125	1,088	1,080	1,132
1960	1,153	1,171	1,166	1,153	1,146	1,142	1,134	1,128	1,126	1,119	1,102	1,086
1961	1,077	1,058	1,056	1,066	1,083	1,084	1,085	1,097	1,094	1,098	1,108	1,110
1962	1,109	1,116	1,125	1,134	1,135	1,133	1,136	1,128	1,133	1,127	1,125	1,127
1963	1,125	1,131	1,136	1,148	1,151							
MACHINERY												
1959	1,366	1,389	1,407	1,425	1,455	1,471	1,476	1,479	1,492	1,483	1,481	1,499
1960	1,507	1,512	1,507	1,502	1,495	1,490	1,486	1,475	1,456	1,445	1,443	1,425
1961	1,417	1,410	1,404	1,408	1,411	1,407	1,414	1,420	1,422	1,430	1,436	1,444
1962	1,448	1,456	1,471	1,481	1,488	1,495	1,499	1,503	1,504	1,512	1,513	1,501
1963	1,503	1,499	1,501	1,504	1,506							

ESTABLISHMENT DATA
SEASONALLY ADJUSTED
Table E: Employees on nonagricultural payrolls, by industry, seasonally adjusted--Continued

1959 to date

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
ELECTRICAL EQUIPMENT AND SUPPLIES												
1959	1,314	1,327	1,340	1,360	1,382	1,402	1,415	1,426	1,443	1,450	1,431	1,463
1960	1,479	1,488	1,491	1,484	1,477	1,473	1,471	1,470	1,468	1,423	1,448	1,437
1961	1,441	1,446	1,451	1,460	1,473	1,474	1,475	1,485	1,478	1,490	1,503	1,522
1962	1,530	1,546	1,561	1,578	1,588	1,598	1,601	1,592	1,590	1,590	1,586	1,595
1963	1,593	1,589	1,589	1,595	1,597							
TRANSPORTATION EQUIPMENT												
1959	1,659	1,664	1,689	1,710	1,707	1,707	1,709	1,682	1,695	1,671	1,467	1,589
1960	1,648	1,660	1,642	1,624	1,601	1,562	1,556	1,564	1,571	1,562	1,530	1,515
1961	1,465	1,428	1,433	1,439	1,466	1,479	1,474	1,468	1,438	1,423	1,497	1,496
1962	1,488	1,508	1,513	1,529	1,535	1,551	1,553	1,520	1,583	1,587	1,561	1,574
1963	1,586	1,595	1,597	1,623	1,614							
INSTRUMENTS AND RELATED PRODUCTS												
1959	329	333	336	338	342	347	349	349	353	355	354	357
1960	357	359	359	359	358	357	354	354	351	349	348	345
1961	344	342	342	343	346	346	347	349	350	351	353	354
1962	355	355	358	360	361	361	363	363	361	362	362	364
1963	365	366	368	370	370							
MISCELLANEOUS MANUFACTURING INDUSTRIES												
1959	381	381	384	385	387	386	392	389	391	391	392	391
1960	391	393	396	396	395	397	393	392	389	384	378	376
1961	374	375	373	373	377	379	377	378	378	382	386	387
1962	386	386	387	392	394	394	396	394	392	392	391	389
1963	389	388	390	390	393							
NONDURABLE GOODS												
1959	7,208	7,224	7,255	7,263	7,288	7,318	7,334	7,348	7,357	7,335	7,349	7,360
1960	7,366	7,375	7,390	7,386	7,384	7,367	7,359	7,326	7,312	7,298	7,267	7,213
1961	7,210	7,205	7,225	7,220	7,233	7,259	7,262	7,270	7,254	7,289	7,309	7,324
1962	7,320	7,337	7,355	7,399	7,391	7,397	7,389	7,375	7,379	7,367	7,349	7,333
1963	7,329	7,326	7,362	7,377	7,412							
FOOD AND KINDRED PRODUCTS												
1959	1,784	1,792	1,791	1,795	1,794	1,796	1,783	1,804	1,786	1,773	1,789	1,791
1960	1,796	1,793	1,791	1,799	1,792	1,785	1,790	1,776	1,792	1,799	1,787	1,786
1961	1,782	1,781	1,789	1,776	1,771	1,772	1,768	1,768	1,765	1,778	1,782	1,773
1962	1,767	1,763	1,761	1,769	1,762	1,765	1,764	1,756	1,760	1,751	1,745	1,756
1963	1,752	1,747	1,757	1,738	1,743							
TOBACCO MANUFACTURES												
1959	93	94	94	96	95	96	94	97	95	94	94	94
1960	94	96	95	96	96	95	97	88	93	95	94	92
1961	92	91	92	91	91	91	90	90	92	90	89	89
1962	90	90	90	89	89	90	91	93	93	93	92	91
1963	89	89	89	90	89							
TEXTILE MILL PRODUCTS												
1959	934	938	943	946	951	951	954	951	952	949	942	940
1960	944	943	945	942	939	935	928	921	910	902	897	889
1961	885	884	883	887	892	894	896	894	896	900	903	905
1962	907	908	908	908	907	906	903	900	898	898	896	893
1963	891	890	892	891	889							
APPAREL AND RELATED PRODUCTS												
1959	1,202	1,205	1,206	1,214	1,225	1,223	1,233	1,233	1,242	1,236	1,243	1,246
1960	1,243	1,242	1,253	1,241	1,247	1,242	1,238	1,236	1,230	1,219	1,214	1,190
1961	1,193	1,199	1,207	1,206	1,204	1,216	1,217	1,225	1,212	1,226	1,231	1,240
1962	1,238	1,245	1,257	1,280	1,276	1,277	1,273	1,270	1,274	1,273	1,266	1,265
1963	1,268	1,273	1,286	1,296	1,317							
PAPER AND ALLIED PRODUCTS												
1959	576	578	579	581	585	589	591	590	594	593	593	597
1960	599	601	602	603	604	603	602	602	601	601	600	595
1961	597	596	598	597	600	602	603	603	602	604	607	609
1962	608	610	612	615	616	616	617	617	616	616	615	616
1963	617	617	619	618	620							
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES												
1959	877	878	880	884	887	886	889	892	896	896	896	901
1960	900	906	907	910	912	914	915	915	913	915	916	913
1961	914	914	916	916	916	918	920	919	917	917	918	922
1962	921	923	924	927	928	928	927	928	931	929	928	908
1963	910	907	910	929	934							
CHEMICALS AND ALLIED PRODUCTS												
1959	794	796	802	805	808	809	812	813	815	816	819	819
1960	821	825	825	830	832	834	834	833	828	826	826	823
1961	823	819	821	821	824	827	829	829	829	831	833	836
1962	836	840	841	843	844	845	849	848	850	851	851	851
1963	853	856	859	862	864							

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

Table E: Employees on nonagricultural payrolls, by industry, seasonally adjusted --Continued

1959 to date
(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
PETROLEUM REFINING AND RELATED INDUSTRIES												
1959	220	209	219	219	219	218	216	211	213	215	214	216
1960	215	215	215	214	213	212	212	212	210	210	208	207
1961	205	203	203	203	203	203	201	203	202	202	198	197
1962	199	199	198	198	198	197	197	195	190	190	190	189
1963	187	188	188	188	188	188						
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS												
1959	359	364	370	349	347	373	384	383	387	386	385	384
1960	385	388	390	387	384	383	379	378	373	370	367	363
1961	362	360	360	366	373	376	379	380	382	384	389	392
1962	394	399	402	404	408	411	409	409	408	408	409	408
1963	411	408	411	416	417							
LEATHER AND LEATHER PRODUCTS												
1959	369	370	371	374	377	377	378	374	377	377	374	372
1960	369	366	367	364	365	364	364	365	362	361	358	355
1961	357	358	356	357	359	360	359	359	357	357	359	361
1962	360	360	362	366	363	362	359	359	359	358	357	356
1963	351	351	351	349	351							
TRANSPORTATION AND PUBLIC UTILITIES												
1959	3,990	3,997	4,007	4,019	4,035	4,043	4,031	4,005	4,002	3,986	3,998	4,019
1960	4,021	4,032	4,033	4,051	4,031	4,028	4,011	4,004	3,986	3,970	3,952	3,929
1961	3,914	3,902	3,893	3,876	3,884	3,892	3,909	3,911	3,918	3,911	3,912	3,900
1962	3,896	3,905	3,912	3,911	3,914	3,905	3,882	3,899	3,901	3,904	3,896	3,898
1963	3,821	3,899	3,894	3,890	3,909							
WHOLESALE AND RETAIL TRADE												
1959	10,912	10,963	10,883	11,075	11,115	11,142	11,152	11,217	11,199	11,221	11,231	11,274
1960	11,317	11,364	11,345	11,427	11,409	11,400	11,408	11,416	11,394	11,400	11,356	11,322
1961	11,330	11,277	11,210	11,285	11,298	11,322	11,350	11,352	11,342	11,347	11,390	11,386
1962	11,403	11,465	11,460	11,548	11,584	11,611	11,616	11,620	11,637	11,627	11,637	11,629
1963	11,685	11,729	11,795	11,784	11,825							
WHOLESALE TRADE												
1959	2,892	2,894	2,904	2,918	2,934	2,941	2,946	2,979	2,974	2,977	2,983	2,997
1960	2,989	2,994	2,997	3,010	3,008	3,001	3,003	3,017	3,014	3,007	3,002	2,996
1961	2,987	2,982	2,980	2,978	2,984	2,987	2,994	2,997	3,003	3,006	3,010	3,001
1962	3,014	3,029	3,038	3,051	3,062	3,080	3,081	3,071	3,079	3,075	3,069	3,072
1963	3,085	3,093	3,106	3,119	3,129							
RETAIL TRADE												
1959	8,020	8,069	7,979	8,157	8,181	8,201	8,206	8,238	8,225	8,244	8,248	8,277
1960	8,328	8,370	8,348	8,417	8,401	8,399	8,405	8,399	8,380	8,393	8,354	8,326
1961	8,343	8,295	8,230	8,307	8,314	8,335	8,356	8,355	8,339	8,341	8,380	8,385
1962	8,389	8,436	8,422	8,497	8,522	8,531	8,535	8,549	8,558	8,552	8,568	8,557
1963	8,600	8,636	8,689	8,665	8,696							
FINANCE, INSURANCE, AND REAL ESTATE												
1959	2,554	2,557	2,569	2,580	2,585	2,594	2,599	2,603	2,614	2,620	2,621	2,629
1960	2,631	2,645	2,650	2,659	2,659	2,666	2,674	2,679	2,686	2,684	2,694	2,697
1961	2,703	2,704	2,706	2,712	2,719	2,728	2,734	2,741	2,745	2,752	2,756	2,762
1962	2,771	2,772	2,779	2,786	2,793	2,796	2,802	2,804	2,807	2,817	2,821	2,822
1963	2,834	2,839	2,848	2,853	2,864							
SERVICES AND MISCELLANEOUS												
1959	6,969	7,001	7,038	7,078	7,096	7,121	7,116	7,138	7,167	7,194	7,217	7,250
1960	7,288	7,314	7,323	7,350	7,377	7,396	7,421	7,428	7,431	7,449	7,475	7,471
1961	7,486	7,490	7,527	7,528	7,541	7,579	7,613	7,655	7,688	7,702	7,732	7,770
1962	7,787	7,814	7,857	7,871	7,902	7,941	7,997	8,017	8,019	8,044	8,063	8,079
1963	8,110	8,144	8,207	8,199	8,228							
GOVERNMENT												
1959	8,059	8,059	8,063	8,101	8,124	8,131	8,152	8,154	8,225	8,258	8,293	8,333
1960	8,324	8,326	8,525	8,545	8,456	8,468	8,487	8,512	8,535	8,557	8,591	8,623
1961	8,643	8,653	8,689	8,712	8,755	8,794	8,826	8,866	8,902	8,933	8,951	8,985
1962	9,003	9,015	9,050	9,076	9,115	9,175	9,181	9,211	9,252	9,310	9,348	9,386
1963	9,414	9,424	9,455	9,466	9,480							
FEDERAL GOVERNMENT												
1959	2,212	2,190	2,196	2,195	2,198	2,206	2,205	2,200	2,204	2,215	2,235	2,235
1960	2,208	2,188	2,372	2,365	2,253	2,223	2,219	2,224	2,224	2,225	2,223	2,226
1961	2,230	2,213	2,225	2,229	2,244	2,261	2,271	2,282	2,286	2,292	2,296	2,297
1962	2,306	2,289	2,299	2,301	2,318	2,338	2,345	2,346	2,341	2,342	2,353	2,349
1963	2,353	2,332	2,340	2,339	2,345							
STATE AND LOCAL GOVERNMENT												
1959	5,847	5,869	5,887	5,906	5,926	5,925	5,947	5,954	6,021	6,043	6,058	6,098
1960	6,116	6,138	6,153	6,180	6,203	6,245	6,268	6,288	6,311	6,332	6,368	6,397
1961	6,413	6,440	6,464	6,483	6,511	6,533	6,555	6,584	6,616	6,641	6,655	6,688
1962	6,697	6,726	6,751	6,775	6,797	6,837	6,836	6,865	6,911	6,968	6,995	7,037
1963	7,061	7,092	7,115	7,127	7,135							

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**
Table F: Production workers on manufacturing payrolls, by industry, seasonally adjusted

 1959 to date
(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
MANUFACTURING												
1959	12,357	12,451	12,608	12,716	12,814	12,882	12,907	12,423	12,457	12,340	12,496	12,799
1960	12,914	12,973	12,921	12,853	12,760	12,644	12,564	12,491	12,415	12,303	12,189	12,024
1961	11,933	11,853	11,878	11,923	12,032	12,101	12,134	12,177	12,134	12,185	12,314	12,348
1962	12,345	12,427	12,484	12,586	12,564	12,562	12,547	12,489	12,524	12,509	12,452	12,443
1963	12,453	12,455	12,521	12,604	12,647							
DURABLE GOODS												
1959	6,858	6,937	7,068	7,174	7,253	7,293	7,310	6,815	6,843	6,758	6,903	7,199
1960	7,310	7,363	7,302	7,242	7,151	7,057	6,989	6,945	6,888	6,792	6,713	6,597
1961	6,509	6,431	6,439	6,490	6,587	6,631	6,663	6,698	6,667	6,691	6,805	6,826
1962	6,826	6,896	6,939	6,999	6,985	6,984	6,980	6,935	6,969	6,967	6,932	6,935
1963	6,950	6,956	6,994	7,070	7,081							
ORDNANCE AND ACCESSORIES												
1959	83	82	83	83	84	85	86	86	88	90	89	90
1960	92	93	94	94	94	93	94	95	96	96	97	98
1961	99	100	101	102	105	106	107	109	111	114	114	114
1962	115	115	116	118	119	120	122	125	122	122	122	121
1963	121	120	119	118	119							
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE												
1959	585	584	590	595	597	594	597	595	593	590	592	596
1960	588	589	579	581	574	568	564	558	550	541	531	518
1961	519	511	514	514	518	521	520	519	521	522	522	521
1962	522	531	531	530	528	527	525	526	523	523	527	525
1963	533	531	538	528	530							
FURNITURE AND PICTURES												
1959	315	318	319	321	324	324	327	321	321	319	320	324
1960	327	326	326	327	324	323	319	317	314	312	308	300
1961	295	296	297	299	300	302	305	307	307	310	312	314
1962	314	316	318	320	323	322	322	322	319	319	320	321
1963	323	321	322	322	323							
STONE, CLAY, AND GLASS PRODUCTS												
1959	467	474	491	502	503	507	505	500	502	497	500	503
1960	506	509	500	500	500	495	491	488	485	484	475	467
1961	463	458	464	463	467	471	472	475	474	474	474	473
1962	471	475	474	479	481	482	482	483	481	483	480	474
1963	476	474	480	489	492							
PRIMARY METAL INDUSTRIES												
1959	985	1,013	1,048	1,074	1,088	1,095	1,088	675	650	642	1,010	1,080
1960	1,091	1,092	1,077	1,062	1,030	1,001	973	956	934	925	902	882
1961	869	857	854	872	897	919	940	947	953	952	957	962
1962	969	979	982	988	955	927	915	911	907	899	897	901
1963	900	911	922	952	962							
FABRICATED METAL PRODUCTS												
1959	853	858	874	888	896	901	902	856	867	831	822	874
1960	894	911	905	892	883	880	871	866	864	858	841	827
1961	813	801	799	808	825	825	826	839	834	838	849	850
1962	849	853	862	871	871	870	871	862	867	863	859	862
1963	860	864	868	881	883							
MACHINERY												
1959	956	974	992	1,007	1,034	1,047	1,051	1,050	1,060	1,051	1,046	1,062
1960	1,069	1,071	1,065	1,058	1,050	1,046	1,042	1,031	1,012	1,003	1,000	983
1961	977	970	965	968	969	966	973	978	980	986	992	999
1962	1,002	1,008	1,021	1,030	1,034	1,042	1,044	1,049	1,048	1,057	1,054	1,044
1963	1,045	1,038	1,038	1,041	1,040							
ELECTRICAL EQUIPMENT AND SUPPLIES												
1959	911	922	932	947	964	975	983	989	1,002	1,004	990	1,011
1960	1,022	1,031	1,028	1,019	1,010	1,004	999	994	989	944	969	951
1961	955	955	959	966	977	978	980	989	982	993	1,011	1,021
1962	1,024	1,038	1,049	1,063	1,069	1,076	1,078	1,070	1,066	1,064	1,062	1,065
1963	1,063	1,059	1,061	1,067	1,068							
TRANSPORTATION EQUIPMENT												
1959	1,178	1,182	1,205	1,220	1,221	1,220	1,220	1,196	1,208	1,183	983	1,107
1960	1,167	1,185	1,169	1,151	1,130	1,091	1,086	1,092	1,102	1,094	1,063	1,047
1961	998	964	969	980	1,005	1,017	1,014	1,007	977	970	1,035	1,033
1962	1,023	1,043	1,045	1,055	1,057	1,070	1,070	1,038	1,091	1,091	1,066	1,080
1963	1,085	1,094	1,099	1,123	1,112							
INSTRUMENTS AND RELATED PRODUCTS												
1959	218	222	224	226	229	233	234	233	236	236	235	237
1960	238	239	238	238	236	235	233	232	229	226	225	229
1961	222	219	219	220	222	222	223	224	225	225	228	228
1962	227	228	230	230	231	231	232	232	230	231	230	231
1963	233	233	234	236	237							

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

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Table F: Production workers on manufacturing payrolls, by industry, seasonally adjusted--Continued

1959 to date
(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
MISCELLANEOUS MANUFACTURING INDUSTRIES												
1959	307	308	310	311	313	312	317	314	316	315	316	315
1960	316	317	321	320	320	321	317	316	313	309	302	301
1961	299	300	298	298	302	304	303	304	303	307	311	311
1962	310	310	311	315	317	317	319	317	315	315	315	311
1963	311	311	313	313	315							
NONDURABLE GOODS												
1959	5,499	5,514	5,540	5,542	5,561	5,589	5,597	5,608	5,614	5,582	5,593	5,600
1960	5,604	5,610	5,619	5,611	5,609	5,587	5,575	5,546	5,527	5,511	5,476	5,427
1961	5,424	5,422	5,439	5,433	5,445	5,470	5,471	5,479	5,467	5,494	5,509	5,522
1962	5,519	5,531	5,545	5,587	5,579	5,578	5,567	5,554	5,555	5,542	5,520	5,508
1963	5,503	5,499	5,527	5,534	5,566							
FOOD AND KINDRED PRODUCTS												
1959	1,225	1,231	1,228	1,230	1,228	1,228	1,216	1,233	1,215	1,201	1,214	1,217
1960	1,222	1,220	1,216	1,223	1,217	1,207	1,211	1,199	1,210	1,215	1,203	1,201
1961	1,200	1,196	1,203	1,192	1,187	1,189	1,186	1,184	1,183	1,193	1,197	1,187
1962	1,183	1,180	1,178	1,184	1,180	1,178	1,178	1,172	1,176	1,169	1,162	1,170
1963	1,167	1,163	1,172	1,152	1,158							
TOBACCO MANUFACTURES												
1959	83	83	84	85	85	85	83	86	85	84	83	83
1960	83	85	84	85	85	84	86	78	82	84	83	81
1961	81	81	81	80	80	80	79	79	82	79	78	78
1962	79	78	78	78	78	77	79	81	81	81	80	79
1963	77	77	77	78	77							
TEXTILE MILL PRODUCTS												
1959	847	850	855	859	861	864	865	862	863	860	853	851
1960	855	853	855	852	850	844	839	832	821	813	807	800
1961	797	795	795	799	804	806	807	806	808	811	814	817
1962	818	818	817	819	817	817	812	810	808	806	804	802
1963	800	799	800	800	798							
APPAREL AND RELATED PRODUCTS												
1959	1,068	1,074	1,074	1,081	1,091	1,089	1,098	1,098	1,106	1,099	1,107	1,110
1960	1,107	1,106	1,117	1,106	1,111	1,108	1,103	1,101	1,096	1,084	1,079	1,057
1961	1,059	1,066	1,074	1,072	1,072	1,081	1,080	1,090	1,078	1,090	1,095	1,104
1962	1,101	1,107	1,117	1,141	1,136	1,138	1,132	1,128	1,134	1,130	1,125	1,123
1963	1,125	1,130	1,141	1,153	1,171							
PAPER AND ALLIED PRODUCTS												
1959	463	465	465	468	471	474	476	474	477	475	476	477
1960	479	481	482	482	483	482	481	480	479	478	476	472
1961	474	474	475	474	476	479	480	479	478	480	482	484
1962	482	482	485	487	487	488	488	487	486	487	484	486
1963	487	486	488	486	488							
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES												
1959	567	568	570	572	575	574	575	577	580	579	580	583
1960	582	585	586	587	589	590	591	591	590	592	592	590
1961	591	591	591	590	590	592	595	592	592	591	592	594
1962	593	594	595	596	597	597	595	596	596	596	594	581
1963	582	579	581	591	595							
CHEMICALS AND ALLIED PRODUCTS												
1959	494	497	501	504	506	507	508	510	511	510	510	510
1960	510	513	511	515	514	515	513	512	506	505	503	501
1961	499	499	500	500	502	505	506	506	505	508	509	511
1962	512	515	515	517	518	518	521	520	520	519	518	516
1963	519	521	521	524	525							
PETROLEUM REFINING AND RELATED INDUSTRIES												
1959	145	134	144	143	143	142	140	135	138	138	138	140
1960	139	140	139	138	139	139	138	138	137	137	136	135
1961	132	131	131	131	131	130	129	132	131	130	126	125
1962	128	129	128	128	128	126	127	125	121	121	121	121
1963	118	119	119	120	120							
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS												
1959	279	283	289	267	265	290	300	299	303	301	300	299
1960	300	303	304	301	298	297	292	292	287	284	281	277
1961	276	273	274	280	286	289	292	294	295	296	300	302
1962	305	309	311	313	317	319	317	317	316	316	316	315
1963	318	315	318	323	324							
LEATHER AND LEATHER PRODUCTS												
1959	328	329	330	333	336	336	336	334	336	335	332	330
1960	327	324	325	322	323	321	321	323	319	319	316	313
1961	315	316	315	315	317	319	317	317	315	316	316	320
1962	318	319	321	324	321	320	318	318	317	317	316	315
1963	310	310	310	307	310							

Annual Averages

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**Employment
Unemployment
Hours and Earnings
Labor Turnover
State and Area Statistics**



EMPLOYMENT and EARNINGS

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[Thousands of persons 14 years of age and over]

Period and sex	Total non-institutional population	Total labor force including Armed Forces		Civilian labor force							Not in labor force					
		Number	Per- cent of population	Total	Employed			Unemployed				Total	Keep- ing house	In school	Unable to work	Other
					Total	Agriculture	Non-agri- cultural industries	Number	Percent of civil- ian labor force							
									Not season- ally ad- justed	Season- ally ad- justed						
BOTH SEXES																
1959.....	123,366	71,946	58.3	69,394	65,581	5,836	59,745	3,813	5.5	5.5	61,420	34,487	7,761	1,777	7,395	
1960.....	125,368	73,126	58.3	70,612	66,681	5,723	60,958	3,931	5.6	5.6	62,242	34,543	8,162	1,784	7,754	
1961.....	127,852	74,175	58.0	71,603	66,796	5,463	61,333	4,806	6.7	6.7	53,677	34,897	9,001	1,759	8,020	
1962.....	130,081	74,681	57.4	71,854	67,846	5,190	62,657	4,007	5.6	5.6	55,400	35,343	9,572	1,784	8,700	
1962: January.....	129,118	72,564	56.2	69,721	65,058	4,417	60,641	4,663	6.7	5.8	56,554	35,379	12,242	1,852	7,090	
February.....	129,290	73,218	56.6	70,332	65,789	4,578	61,211	4,543	6.5	5.7	56,072	35,066	12,323	1,939	6,754	
March.....	129,471	73,582	56.8	70,697	66,316	4,782	61,533	4,382	6.2	5.5	55,889	35,084	12,300	1,861	6,644	
April.....	129,587	73,654	56.8	70,769	66,824	4,961	61,863	3,946	5.6	5.6	55,933	35,076	12,077	1,989	6,792	
May.....	129,752	74,797	57.5	71,922	68,203	5,428	62,775	3,719	5.2	5.5	54,956	34,889	11,459	1,864	6,744	
June.....	129,930	76,857	59.2	74,001	69,539	6,290	63,249	4,463	6.0	5.5	53,072	35,786	4,042	1,870	11,374	
July.....	130,183	76,437	58.7	73,582	69,504	6,064	63,500	4,018	5.5	5.4	63,746	36,286	1,569	1,582	14,009	
August.....	130,359	76,554	58.7	73,695	69,702	5,770	63,963	3,932	5.3	5.7	53,805	35,734	783	1,634	15,655	
September.....	130,546	74,014	57.4	72,179	68,668	5,564	63,103	3,512	4.9	5.6	55,631	35,065	11,207	1,617	7,713	
October.....	130,730	74,923	57.3	72,157	68,893	5,475	63,418	3,294	4.6	5.3	55,808	34,958	12,142	1,638	7,070	
November.....	130,910	74,532	56.9	71,782	67,981	4,883	63,098	3,801	5.3	5.8	56,378	35,130	12,413	1,662	7,174	
December.....	131,096	74,142	56.6	71,378	67,561	4,066	63,495	3,817	5.3	5.5	56,954	35,675	12,309	1,575	7,395	
MALE																
1959.....	60,100	49,051	81.7	46,562	44,089	4,749	39,340	2,473	5.3	5.3	11,019	83	3,871	1,065	6,000	
1960.....	61,000	49,507	81.2	47,026	44,485	4,678	39,807	2,541	5.4	5.4	11,493	87	4,097	1,059	6,251	
1961.....	62,147	49,918	80.3	47,378	44,318	4,508	39,811	3,090	6.5	6.5	12,229	106	4,590	1,077	6,486	
1962.....	63,234	50,175	79.3	47,380	44,892	4,266	40,628	2,488	5.3	5.3	13,059	111	4,839	1,088	7,021	
1962: January.....	62,743	48,911	78.0	46,105	43,072	3,906	39,165	3,034	6.6	5.4	13,531	102	6,265	1,139	6,326	
February.....	62,813	49,304	78.5	46,454	43,435	3,975	39,460	3,019	6.5	5.4	13,599	85	6,255	1,178	6,091	
March.....	62,896	49,436	78.6	46,585	43,697	4,144	39,553	2,888	6.2	5.2	13,459	122	6,274	1,120	6,943	
April.....	63,044	49,568	78.6	46,717	44,133	4,258	39,925	2,534	5.4	5.3	13,475	89	6,062	1,182	6,143	
May.....	63,118	50,272	79.6	47,430	45,134	4,447	40,687	2,296	4.8	5.2	12,846	103	5,603	1,059	6,082	
June.....	63,199	51,832	82.0	49,009	46,310	4,889	41,421	2,698	5.5	5.3	11,368	129	1,991	1,115	8,163	
July.....	63,291	51,733	81.7	48,911	46,505	4,773	41,732	2,406	4.9	5.2	11,558	130	802	1,146	9,481	
August.....	63,371	51,657	81.5	48,830	46,503	4,604	41,899	2,327	4.8	5.3	11,714	97	412	1,004	10,201	
September.....	63,456	50,110	79.0	47,406	45,415	4,363	41,052	1,901	4.2	5.2	13,346	125	5,557	1,036	6,627	
October.....	63,540	49,974	78.6	47,269	45,387	4,256	41,131	1,881	4.0	4.9	13,567	104	6,154	1,024	6,285	
November.....	63,622	49,719	78.1	47,001	44,743	4,040	40,703	2,259	4.8	5.4	13,902	125	6,385	1,062	6,330	
December.....	63,708	49,574	77.8	46,841	44,319	3,537	40,782	2,522	5.4	5.2	14,134	119	6,336	994	6,685	
FEMALE																
1959.....	63,265	22,865	36.1	22,832	21,492	1,087	20,405	1,340	5.9	5.9	40,401	34,404	3,890	712	1,395	
1960.....	64,368	23,619	36.7	23,587	22,196	1,045	21,151	1,390	5.9	5.9	40,749	34,456	4,065	725	1,503	
1961.....	65,705	24,257	36.9	24,225	22,478	955	21,523	1,747	7.2	7.2	41,448	34,791	4,440	682	1,534	
1962.....	66,848	24,507	36.7	24,474	22,954	924	22,031	1,519	6.2	6.2	42,341	35,232	4,733	696	1,670	
1962: January.....	66,375	23,652	35.6	23,616	21,986	511	21,476	1,629	6.9	6.6	42,723	35,278	5,978	713	755	
February.....	66,477	23,914	36.0	23,878	22,354	603	21,751	1,524	6.4	6.2	42,563	34,971	6,068	761	763	
March.....	66,576	24,146	36.3	24,112	22,619	638	21,950	1,493	6.2	6.1	42,430	34,962	6,026	741	701	
April.....	66,544	24,086	36.2	24,052	22,641	703	21,938	1,411	5.9	6.2	42,457	34,987	6,015	807	649	
May.....	66,634	24,525	36.8	24,492	23,069	982	22,088	1,423	5.8	6.0	42,109	34,787	5,856	805	661	
June.....	66,730	25,026	37.5	24,993	23,228	1,401	21,827	1,764	7.1	5.9	41,705	35,557	2,081	755	3,212	
July.....	66,891	24,703	36.9	24,611	23,059	1,291	21,768	1,611	6.5	6.0	42,188	36,157	767	736	4,528	
August.....	66,988	24,897	37.2	24,865	23,260	1,166	22,094	1,605	6.5	6.5	42,091	35,637	371	630	5,454	
September.....	67,089	24,804	37.0	24,773	23,253	1,201	22,051	1,520	6.1	6.4	42,255	34,939	5,650	610	1,085	
October.....	67,190	24,940	37.1	24,918	23,505	1,219	22,287	1,413	5.7	6.1	42,241	34,854	5,988	614	785	
November.....	67,288	24,812	36.9	24,781	23,238	843	22,395	1,543	6.2	6.5	42,476	35,004	6,028	599	844	
December.....	67,388	24,568	36.5	24,537	23,242	528	22,714	1,295	5.3	6.2	42,820	35,556	5,973	582	710	

HOUSEHOLD DATA

Table SA-2: EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION, BY COLOR AND SEX, 1959-62
 [Thousands of persons 14 years and over]

Period, color, and sex	Civilian population	Labor force							Not in labor force
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagri-cultural industries	Number	Percent of labor force	
WHITE									
<i>Both sexes</i>									
1959	108,623	61,856	56.9	58,851	4,928	53,923	3,004	4.9	46,767
1960	110,176	62,788	57.0	59,640	4,788	54,852	3,127	5.0	47,409
1961	112,909	63,679	56.7	59,860	4,599	55,261	3,819	6.0	48,680
1962	113,954	63,878	56.1	60,749	4,361	56,389	3,129	4.9	50,076
1962: January	113,168	62,170	54.9	58,518	3,894	54,624	3,652	5.9	50,998
February	113,269	62,608	55.3	59,061	3,990	55,071	3,546	5.7	50,661
March	113,423	62,941	55.5	59,537	4,162	55,375	3,404	5.4	50,482
April	113,454	63,026	55.6	60,018	4,268	55,749	3,009	4.8	50,427
May	113,606	63,927	56.3	61,005	4,509	56,497	2,922	4.6	49,679
June	113,778	65,718	57.8	62,197	5,128	57,069	3,521	5.4	48,050
July	114,008	65,328	57.3	62,229	4,921	57,308	3,069	4.7	48,680
August	114,148	65,450	57.3	62,456	4,789	57,667	2,994	4.6	48,697
September	114,423	64,020	56.0	61,221	4,446	56,775	2,798	4.4	50,403
October	114,580	64,082	55.9	61,368	4,448	56,941	2,644	4.1	50,548
November	114,721	63,775	55.6	60,774	4,174	56,599	3,002	4.7	50,945
December	114,867	63,539	55.3	60,585	3,596	56,989	2,954	4.6	51,328
<i>Male</i>									
1959	51,868	41,993	81.0	40,047	4,113	35,934	1,945	4.6	9,875
1960	52,567	42,287	80.5	40,265	4,020	36,244	2,032	4.8	10,270
1961	53,827	42,635	79.7	40,185	3,871	36,314	2,450	5.7	10,893
1962	54,233	42,641	78.6	40,672	3,668	37,015	1,969	4.6	11,592
1962: January	53,806	41,581	77.3	39,147	3,441	35,705	2,485	5.9	12,225
February	53,821	41,839	77.7	39,432	3,463	35,969	2,407	5.8	11,983
March	53,889	41,925	77.8	39,641	3,595	36,045	2,284	5.4	11,964
April	54,015	42,074	77.9	40,104	3,638	36,465	1,970	4.7	11,941
May	54,087	42,684	78.9	40,807	3,766	37,041	1,817	4.3	11,403
June	54,176	44,117	81.4	41,972	4,168	37,804	2,145	4.9	10,059
July	54,264	44,006	81.1	42,132	4,012	38,120	1,874	4.3	10,257
August	54,320	45,951	80.9	42,167	3,951	38,216	1,784	4.1	10,369
September	54,507	42,609	78.2	41,043	3,668	37,375	1,666	3.7	11,899
October	54,578	42,501	77.9	40,981	3,605	37,377	1,519	3.6	12,077
November	54,635	42,242	77.3	40,419	3,488	36,931	1,832	4.3	12,393
December	54,695	42,167	77.1	40,171	3,118	37,053	1,995	4.7	12,529
<i>Female</i>									
1959	56,755	19,863	35.0	18,804	815	17,989	1,059	5.3	36,893
1960	57,610	20,471	35.5	19,376	768	18,608	1,095	5.3	37,139
1961	58,781	21,044	35.8	19,675	728	18,947	1,369	6.5	37,737
1962	59,721	21,237	35.6	20,077	703	19,374	1,160	5.5	38,484
1962: January	59,362	20,589	34.7	19,371	453	18,918	1,217	5.9	38,774
February	59,447	20,769	34.9	19,680	523	19,157	1,189	5.5	38,678
March	59,534	21,017	35.3	19,896	507	19,389	1,120	5.3	38,518
April	59,459	20,953	35.3	19,914	630	19,284	1,039	5.0	38,487
May	59,519	21,243	35.7	20,138	742	19,396	1,105	5.2	38,276
June	59,602	21,602	36.2	20,225	970	19,255	1,377	6.4	38,000
July	59,745	21,321	35.7	20,097	909	19,188	1,225	5.7	38,423
August	59,823	21,499	35.9	20,289	838	19,451	1,210	5.6	38,323
September	59,916	21,411	35.7	20,179	789	19,390	1,233	5.8	38,504
October	60,002	21,531	35.9	20,407	843	19,564	1,124	5.2	38,471
November	60,085	21,533	35.8	20,363	687	19,677	1,170	5.4	38,552
December	60,171	21,372	35.5	20,414	473	19,936	958	4.5	38,799

Table SA-2: EMPLOYMENT STATUS OF THE CIVILIAN NONINSTITUTIONAL POPULATION, BY COLOR AND SEX, 1959-62—Con.

[Thousands of persons 14 years and over]

Period, color, and sex	Civilian population	Labor Force							Not in labor force
		Total	Percent of population	Employed			Unemployed		
				Total	Agriculture	Nonagricultural industries	Number	Percent of labor force	
NONWHITE									
<i>Both sexes</i>									
1959.....	12,191	7,538	61.8	6,730	908	5,822	808	10.7	4,653
1960.....	12,078	7,844	61.9	7,041	934	6,106	804	10.2	4,833
1961.....	12,971	7,924	61.1	6,936	864	6,072	988	12.5	5,047
1962.....	13,300	7,976	60.0	7,097	829	6,268	879	11.0	5,324
1962: January.....	13,107	7,551	57.6	6,540	522	6,018	1,011	13.4	5,556
February.....	13,135	7,724	58.8	6,727	588	6,140	997	12.9	5,411
March.....	13,163	7,756	58.9	6,779	620	6,159	977	12.6	5,407
April.....	13,248	7,743	58.4	6,806	693	6,113	937	12.1	5,605
May.....	13,271	7,995	60.2	7,198	920	6,278	797	10.0	5,276
June.....	13,296	8,283	62.3	7,342	1,162	6,180	941	11.4	5,013
July.....	13,320	8,254	62.0	7,335	1,143	6,192	919	11.1	5,066
August.....	13,352	8,244	61.7	7,306	981	6,325	938	11.4	5,108
September.....	13,388	8,160	61.0	7,446	1,118	6,328	713	8.7	5,228
October.....	13,415	8,155	60.8	7,504	1,027	6,477	650	8.0	5,260
November.....	13,440	8,007	59.6	7,207	708	6,499	800	10.0	5,433
December.....	13,466	7,839	58.2	6,976	469	6,507	863	11.0	5,627
<i>Male</i>									
1959.....	5,713	4,568	79.1	4,041	635	3,405	527	11.5	1,145
1960.....	5,952	4,728	79.4	4,220	657	3,563	508	10.7	1,223
1961.....	6,080	4,743	78.0	4,133	636	3,497	610	12.9	1,336
1962.....	6,206	4,739	76.4	4,220	608	3,611	519	11.0	1,468
1962: January.....	6,130	4,524	73.8	3,925	465	3,460	599	11.0	1,606
February.....	6,141	4,615	75.2	4,003	513	3,490	612	13.3	1,526
March.....	6,155	4,661	75.7	4,056	548	3,508	604	13.0	1,495
April.....	6,178	4,643	75.2	4,079	620	3,459	564	12.1	1,535
May.....	6,189	4,746	76.7	4,266	630	3,586	479	10.1	1,443
June.....	6,201	4,892	78.9	4,338	731	3,607	554	11.3	1,308
July.....	6,206	4,905	79.0	4,373	761	3,612	532	10.8	1,301
August.....	6,224	4,879	78.4	4,335	633	3,683	543	11.1	1,346
September.....	6,245	4,798	76.8	4,372	705	3,667	425	8.9	1,448
October.....	6,257	4,768	76.2	4,406	651	3,755	362	7.6	1,490
November.....	6,268	4,759	76.9	4,333	552	3,781	427	9.0	1,509
December.....	6,280	4,674	74.4	4,148	419	3,729	527	11.3	1,606
<i>Female</i>									
1959.....	6,478	2,970	45.8	2,689	273	2,416	281	9.5	3,608
1960.....	6,726	3,116	46.3	2,821	277	2,544	295	9.5	3,610
1961.....	6,891	3,180	46.1	2,803	227	2,576	377	11.9	3,710
1962.....	7,094	3,237	46.6	2,878	221	2,657	360	11.1	3,857
1962: January.....	6,977	3,027	43.4	2,615	68	2,557	412	13.6	3,950
February.....	6,994	3,109	44.5	2,724	75	2,649	355	12.4	3,885
March.....	7,008	3,095	44.2	2,722	71	2,651	373	12.1	3,912
April.....	7,070	3,099	43.8	2,727	73	2,654	373	12.0	3,971
May.....	7,083	3,249	45.9	2,931	239	2,692	315	9.8	3,853
June.....	7,095	3,391	47.8	3,003	431	2,573	387	11.4	3,705
July.....	7,114	3,349	47.1	2,962	382	2,580	387	11.5	3,766
August.....	7,128	3,366	47.2	2,971	328	2,643	394	11.7	3,763
September.....	7,143	3,362	47.1	3,074	413	2,661	288	8.6	3,781
October.....	7,157	3,387	47.3	3,098	375	2,723	289	8.5	3,770
November.....	7,172	3,248	45.3	2,875	156	2,718	373	11.5	3,924
December.....	7,186	3,165	44.0	2,828	50	2,778	337	10.6	4,021

HOUSEHOLD DATA

Table SA-3 LABOR FORCE INCLUDING ARMED FORCES, BY AGE AND SEX, 1959-62

[Thousands of persons 14 years of age and over]

Period and sex	All age groups	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over
BOTH SEXES															
Total:															
Number: 1959-----	71,946	1,025	2,021	2,923	7,471	7,156	7,921	8,404	8,063	7,868	6,703	5,309	3,924	1,791	1,366
1960-----	73,126	984	2,140	3,106	7,679	7,186	7,884	8,474	8,173	8,011	6,903	5,464	3,927	1,798	1,396
1961-----	74,175	1,144	2,045	3,332	7,895	7,224	7,808	8,503	8,295	8,061	7,085	5,462	3,998	1,762	1,383
1962-----	74,681	1,240	1,966	3,438	8,086	7,172	7,659	8,494	8,527	8,019	7,168	5,773	3,990	1,768	1,394
As percent of noninstitutional population:															
1959-----	58.3	18.7	37.5	62.4	67.7	65.4	66.6	68.7	71.3	72.9	70.9	65.4	55.9	31.7	14.6
1960-----	58.3	17.5	38.1	62.4	68.3	66.1	66.8	68.6	71.3	73.1	71.2	66.0	55.0	31.2	14.6
1961-----	58.0	17.6	37.0	61.3	68.5	66.6	66.8	68.9	71.3	73.0	71.4	66.9	55.2	30.0	14.1
1962-----	57.4	17.5	35.4	61.5	68.2	66.2	66.7	68.9	71.6	72.6	71.9	67.1	54.8	28.8	13.3
1962:															
January-----	72,564	885	1,520	3,104	7,823	7,203	7,664	8,403	8,232	8,013	7,149	5,647	3,924	1,695	1,298
February-----	73,218	980	1,595	3,105	7,753	7,275	7,719	8,414	8,323	8,039	7,191	5,742	3,956	1,773	1,342
March-----	73,582	951	1,646	3,168	7,794	7,217	7,757	8,430	8,439	8,048	7,187	5,777	4,009	1,783	1,377
April-----	73,654	951	1,667	3,237	7,789	7,075	7,673	8,561	8,581	7,988	7,080	5,789	3,996	1,821	1,466
May-----	74,797	1,264	1,937	3,316	7,882	7,098	7,719	8,541	8,585	8,078	7,171	5,811	4,002	1,868	1,525
June-----	76,857	1,931	2,686	4,010	8,311	7,088	7,678	8,475	8,600	8,017	7,075	5,738	3,985	1,793	1,476
July-----	76,437	1,905	2,739	4,113	8,368	7,104	7,565	8,470	8,493	7,904	7,038	5,805	3,947	1,687	1,406
August-----	76,554	1,759	2,440	4,147	8,469	7,195	7,642	8,489	8,479	7,959	7,128	5,758	3,962	1,732	1,406
September-----	74,914	1,103	1,846	3,349	8,166	7,190	7,726	8,608	8,612	8,025	7,223	5,821	4,045	1,763	1,437
October-----	74,923	1,102	1,865	3,278	8,245	7,146	7,654	8,585	8,694	8,087	7,223	5,812	4,032	1,752	1,397
November-----	74,532	1,010	1,830	3,202	8,240	7,248	7,595	8,526	8,653	8,051	7,285	5,834	4,062	1,743	1,320
December-----	74,142	1,034	1,830	3,229	8,203	7,174	7,514	8,422	8,633	8,014	7,259	5,842	4,024	1,681	1,284
Male															
Total:															
Number: 1959-----	49,081	676	1,256	1,786	4,987	5,253	5,728	5,842	5,393	5,101	4,387	3,584	2,766	1,285	1,036
1960-----	49,507	637	1,335	1,849	5,089	5,229	5,701	5,892	5,448	5,155	4,479	3,658	2,747	1,256	1,031
1961-----	49,918	725	1,271	1,938	5,187	5,227	5,654	5,881	5,522	5,182	4,588	3,732	2,803	1,199	1,020
1962-----	50,175	780	1,225	2,027	5,272	5,203	5,517	5,887	5,655	5,204	4,600	3,796	2,769	1,202	1,039
As percent of noninstitutional population:															
1959-----	81.7	24.2	46.0	75.5	90.1	96.7	97.8	97.9	97.8	96.9	94.9	91.3	82.8	48.5	25.0
1960-----	81.2	22.3	46.8	73.6	90.2	97.0	98.3	97.9	97.5	96.6	94.8	91.6	81.2	46.8	24.4
1961-----	80.3	21.8	45.4	71.3	89.8	97.1	98.1	97.9	97.4	96.6	94.6	91.8	81.9	44.1	23.8
1962-----	79.3	21.6	43.5	71.9	89.1	97.2	97.6	97.9	97.4	96.6	94.6	91.1	80.3	42.8	22.7
1962:															
January-----	48,911	535	955	1,817	5,141	5,195	5,578	5,831	5,544	5,134	4,569	3,756	2,749	1,170	935
February-----	49,304	591	1,010	1,863	5,128	5,238	5,573	5,848	5,560	5,127	4,618	3,779	2,778	1,211	980
March-----	49,436	549	1,042	1,882	5,140	5,232	5,578	5,845	5,576	5,168	4,635	3,797	2,778	1,211	1,005
April-----	49,568	591	1,070	1,929	5,084	5,185	5,504	5,902	5,656	5,178	4,561	3,802	2,761	1,255	1,090
May-----	50,272	806	1,262	1,987	5,143	5,192	5,524	5,890	5,665	5,220	4,606	3,786	2,765	1,277	1,151
June-----	51,832	1,262	1,699	2,383	5,465	5,212	5,512	5,900	5,691	5,227	4,585	3,767	2,765	1,254	1,111
July-----	51,733	1,267	1,724	2,406	5,523	5,208	5,496	5,931	5,670	5,209	4,558	3,770	2,707	1,196	1,066
August-----	51,657	1,176	1,623	2,398	5,553	5,238	5,510	5,931	5,687	5,227	4,592	3,821	2,738	1,212	1,052
September-----	50,110	690	1,165	1,974	5,256	5,207	5,497	5,925	5,691	5,237	4,586	3,835	2,793	1,171	1,083
October-----	49,974	677	1,115	1,938	5,273	5,184	5,490	5,901	5,724	5,245	4,605	3,816	2,798	1,165	1,043
November-----	49,719	604	1,069	1,864	5,288	5,191	5,473	5,889	5,702	5,235	4,640	3,813	2,803	1,167	983
December-----	49,574	610	1,069	1,882	5,264	5,151	5,469	5,857	5,691	5,241	4,638	3,816	2,788	1,128	970
FEMALE															
Total:															
Number: 1959-----	22,865	349	765	1,137	2,484	1,903	2,193	2,562	2,670	2,767	2,316	1,725	1,158	506	330
1960-----	23,619	347	805	1,257	2,590	1,957	2,183	2,582	2,725	2,856	2,424	1,806	1,180	542	365
1961-----	24,257	419	774	1,374	2,708	1,997	2,164	2,622	2,773	2,878	2,527	1,910	1,195	563	363
1962-----	24,507	460	741	1,411	2,814	1,969	2,142	2,607	2,872	2,815	2,568	1,977	1,221	556	355
As percent of noninstitutional population:															
1959-----	36.1	12.9	28.8	49.1	45.2	34.5	36.1	40.9	46.0	50.0	47.9	41.1	31.4	16.8	6.3
1960-----	36.7	12.6	29.1	51.1	46.2	35.7	36.3	40.8	46.3	50.7	48.7	42.2	31.4	17.6	6.8
1961-----	36.9	13.1	28.5	51.1	47.1	36.5	36.3	41.4	46.4	50.6	49.5	43.7	31.3	17.8	6.6
1962-----	36.7	13.2	27.1	50.9	47.4	36.0	36.7	41.3	47.1	49.8	50.3	44.6	31.9	16.9	6.0
1962:															
January-----	23,652	350	565	1,287	2,682	2,008	2,086	2,572	2,688	2,897	2,580	1,891	1,174	525	363
February-----	23,914	389	585	1,242	2,625	2,037	2,146	2,566	2,763	2,912	2,573	1,973	1,178	562	362
March-----	24,146	402	604	1,286	2,654	1,985	2,179	2,585	2,863	2,880	2,552	1,980	1,231	572	372
April-----	24,086	360	597	1,308	2,685	1,890	2,169	2,659	2,925	2,810	2,519	1,987	1,235	566	376
May-----	24,525	458	675	1,329	2,739	1,906	2,195	2,651	2,920	2,858	2,565	2,025	1,237	591	374
June-----	25,026	669	987	1,627	2,846	1,871	2,166	2,675	2,909	2,790	2,490	1,971	1,220	539	365
July-----	24,703	638	1,015	1,707	2,845	1,896	2,069	2,639	2,823	2,695	2,480	1,925	1,240	491	340
August-----	24,897	583	917	1,749	2,916	1,957	2,132	2,558	2,792	2,732	2,536	1,937	1,214	520	354
September-----	24,804	413	681	1,375	2,910	1,983	2,229	2,683	2,921	2,788	2,637	1,986	1,252	592	354
October-----	24,949	425	750	1,340	2,972	2,012	2,164	2,684	2,970	2,842	2,618	1,996	1,234	587	354
November-----	24,812	406	761	1,338	2,952	2,052	2,122	2,637	2,951	2,816	2,645	2,021	1,199	576	337
December-----	24,568	424	761	1,347	2,939	2,023	2,045	2,565	2,942	2,773	2,621	2,026	1,236	553	314

Table SA-4: CIVILIAN LABOR FORCE, BY AGE AND SEX, 1959-62

[Thousands of persons 14 years of age and over]

Period and sex	All age groups	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over
BOTH SEXES															
Total:															
Number: 1959.....	69,394	1,025	1,971	2,521	6,413	6,751	7,684	8,175	7,951	7,829	6,690	5,305	3,922	1,791	1,366
1960.....	70,612	984	2,085	2,746	6,703	6,766	7,616	8,235	8,034	7,964	6,887	5,460	3,926	1,798	1,396
1961.....	71,603	1,144	1,984	2,951	6,952	6,801	7,517	8,264	8,137	8,003	7,067	5,638	3,997	1,762	1,384
1962.....	71,854	1,240	1,919	2,997	7,081	6,712	7,312	8,245	8,344	7,951	7,145	5,769	3,989	1,758	1,394
As percent of civilian noninstitutional population:															
1959.....	57.4	18.7	36.9	58.9	64.3	64.1	65.9	68.1	71.0	72.8	70.8	65.4	55.9	31.7	14.6
1960.....	57.5	17.5	37.6	59.5	65.2	64.7	66.0	68.0	70.9	73.0	71.1	66.0	55.0	31.2	14.6
1961.....	57.2	17.6	36.3	58.4	65.7	65.2	65.9	68.3	70.9	72.8	71.4	66.8	55.2	30.0	14.1
1962.....	56.5	17.5	34.9	58.2	65.3	64.7	65.7	68.3	71.2	72.5	71.8	67.1	54.8	28.8	13.3
1962: January.....	69,721	885	1,474	2,675	6,808	6,735	7,315	8,149	8,048	7,945	7,127	5,643	3,923	1,695	1,298
February.....	70,332	980	1,548	2,669	6,722	6,800	7,365	8,136	8,156	7,970	7,168	5,748	3,955	1,773	1,342
March.....	70,697	951	1,599	2,732	6,763	6,742	7,402	8,172	8,252	7,979	7,164	5,773	4,008	1,783	1,377
April.....	70,769	951	1,620	2,801	6,739	6,800	7,318	8,303	8,394	7,919	7,057	5,785	3,995	1,821	1,466
May.....	71,922	1,264	1,890	2,882	6,855	6,624	7,365	8,284	8,398	8,009	7,148	5,807	4,001	1,868	1,525
June.....	74,001	1,931	2,640	3,579	7,291	6,612	7,327	8,219	8,414	7,949	7,053	5,734	3,984	1,793	1,476
July.....	73,582	1,905	2,693	3,682	7,348	6,633	7,214	8,215	8,308	7,836	7,016	5,691	3,946	1,687	1,406
August.....	73,695	1,759	2,390	3,692	7,457	6,733	7,291	8,239	8,295	7,890	7,105	5,754	3,951	1,732	1,406
September.....	72,179	1,103	1,798	2,916	7,198	6,749	7,390	8,370	8,436	7,959	7,201	5,817	4,044	1,763	1,437
October.....	72,187	1,102	1,814	2,821	7,285	6,764	7,319	8,352	8,519	8,021	7,201	5,808	4,031	1,752	1,397
November.....	71,782	1,010	1,778	2,743	7,275	6,809	7,259	8,292	8,477	7,964	7,262	5,830	4,001	1,743	1,320
December.....	71,378	1,034	1,778	2,768	7,233	6,737	7,176	8,187	8,456	7,947	7,236	5,838	4,023	1,681	1,284
MALE															
Total:															
Number: 1959.....	46,562	676	1,206	1,390	3,940	4,852	5,494	5,616	5,283	5,063	4,375	3,580	2,765	1,285	1,030
1960.....	47,025	637	1,290	1,496	4,123	4,815	5,436	5,656	5,311	5,109	4,464	3,654	2,746	1,256	1,031
1961.....	47,378	725	1,210	1,583	4,255	4,810	5,366	5,645	5,367	5,126	4,541	3,728	2,802	1,199	1,020
1962.....	47,380	780	1,177	1,592	4,279	4,748	5,173	5,641	5,474	5,137	4,578	3,792	2,768	1,202	1,039
As percent of civilian noninstitutional population:															
1959.....	80.9	24.3	45.0	70.5	87.8	96.4	98.2	97.8	97.7	96.9	94.9	91.3	82.8	48.5	25.0
1960.....	80.4	22.3	46.0	69.3	88.1	96.7	98.2	97.8	97.5	96.6	94.7	91.6	81.1	46.8	24.4
1961.....	79.5	21.8	44.1	66.8	87.8	96.9	98.0	97.8	97.4	96.5	94.5	91.8	81.9	44.1	23.8
1962.....	78.4	21.6	42.6	66.7	86.9	96.9	97.5	97.8	97.3	96.5	94.6	91.1	80.3	42.8	22.7
1962: January.....	46,105	535	909	1,395	4,139	4,732	5,232	5,580	5,362	5,067	4,548	3,752	2,749	1,170	935
February.....	46,454	591	963	1,434	4,110	4,768	5,222	5,593	5,375	5,059	4,596	3,775	2,777	1,211	980
March.....	46,585	549	995	1,453	4,121	4,762	5,226	5,590	5,391	5,100	4,613	3,793	2,777	1,211	1,005
April.....	46,717	591	1,023	1,500	4,066	4,715	5,152	5,647	5,471	5,110	4,539	3,798	2,760	1,255	1,090
May.....	47,430	806	1,215	1,559	4,128	4,723	5,173	5,636	5,480	5,152	4,584	3,782	2,764	1,277	1,151
June.....	49,009	1,262	1,653	1,868	4,457	4,746	5,164	5,647	5,507	5,160	4,564	3,763	2,764	1,254	1,111
July.....	48,911	1,267	1,678	1,881	4,515	4,742	5,148	5,670	5,487	5,142	4,537	3,766	2,706	1,196	1,066
August.....	48,830	1,176	1,473	1,950	4,552	4,781	5,162	5,684	5,505	5,159	4,570	3,817	2,737	1,212	1,052
September.....	47,406	690	1,117	1,547	4,299	4,770	5,164	5,689	5,517	5,172	4,565	3,831	2,792	1,171	1,083
October.....	47,289	677	1,064	1,488	4,324	4,756	5,158	5,670	5,551	5,180	4,584	3,812	2,797	1,165	1,043
November.....	47,001	604	1,017	1,412	4,334	4,761	5,140	5,657	5,528	5,169	4,618	3,809	2,802	1,167	983
December.....	46,841	610	1,017	1,428	4,305	4,718	5,134	5,624	5,516	5,175	4,616	3,812	2,787	1,128	970
FEMALE															
Total:															
Number: 1959.....	22,832	349	765	1,131	2,473	1,898	2,190	2,559	2,668	2,766	2,315	1,725	1,158	506	330
1960.....	23,587	347	805	1,250	2,580	1,951	2,180	2,579	2,723	2,855	2,423	1,806	1,180	542	365
1961.....	24,225	419	774	1,368	2,697	1,992	2,151	2,619	2,771	2,877	2,526	1,910	1,195	563	363
1962.....	24,474	460	742	1,405	2,802	1,964	2,139	2,604	2,870	2,814	2,567	1,977	1,221	566	355
As percent of civilian noninstitutional population:															
1959.....	36.1	12.9	28.8	48.9	45.1	34.5	36.1	40.9	46.0	50.0	47.9	41.1	31.4	16.8	6.3
1960.....	36.7	12.6	29.1	50.9	46.1	35.6	36.3	40.8	46.3	50.7	48.7	42.2	31.4	17.6	6.8
1961.....	36.9	13.1	28.5	51.0	47.0	36.5	36.3	41.4	46.4	50.6	49.5	43.7	31.3	17.8	6.6
1962.....	36.6	13.2	27.1	50.8	47.3	35.9	36.7	41.3	47.0	49.8	50.3	44.6	31.9	16.9	6.0
1962: January.....	23,616	350	565	1,280	2,689	2,003	2,083	2,569	2,686	2,878	2,579	1,891	1,174	525	363
February.....	23,878	389	585	1,235	2,612	2,032	2,143	2,563	2,761	2,911	2,572	1,973	1,178	562	362
March.....	24,112	402	604	1,279	2,642	1,980	2,176	2,582	2,581	2,879	2,551	1,980	1,231	572	372
April.....	24,052	360	597	1,301	2,673	1,885	2,166	2,656	2,923	2,809	2,518	1,987	1,235	566	376
May.....	24,492	458	675	1,323	2,727	1,901	2,192	2,648	2,918	2,857	2,564	2,025	1,237	591	374
June.....	24,993	689	987	1,621	2,834	1,866	2,163	2,572	2,907	2,789	2,489	1,971	1,220	539	365
July.....	24,671	638	1,015	1,701	2,833	1,891	2,066	2,536	2,821	2,694	2,479	1,925	1,240	491	340
August.....	24,865	583	917	1,742	2,905	1,952	2,129	2,555	2,790	2,731	2,535	1,937	1,214	520	354
September.....	24,773	413	681	1,369	2,899	1,979	2,226	2,681	2,919	2,787	2,696	1,956	1,252	592	354
October.....	24,018	425	750	1,333	2,961	2,008	2,161	2,682	2,968	2,841	2,617	1,996	1,234	587	354
November.....	24,781	406	761	1,331	2,941	2,048	2,119	2,635	2,949	2,815	2,644	2,021	1,199	576	337
December.....	24,537	424	761	1,340	2,928	2,019	2,042	2,563	2,940	2,772	2,620	2,026	1,236	553	314

Table SA-5: PERSONS NOT IN THE LABOR FORCE, BY AGE AND SEX, 1959-62

[Thousands of persons 14 years of age and over]

Period and sex	All age groups	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over
BOTH SEXES															
1959.....	51,420	4,460	3,366	1,761	3,562	3,787	3,981	3,830	3,252	2,930	2,756	2,809	3,099	3,861	7,967
1960.....	52,242	4,625	3,478	1,968	3,570	3,690	3,926	3,872	3,296	2,953	2,797	2,809	3,215	3,965	8,175
1961.....	53,677	5,365	3,477	2,102	3,631	3,629	3,883	3,840	3,345	2,990	2,835	2,796	3,244	4,120	8,421
1962.....	55,400	5,861	3,585	2,153	3,771	3,669	3,823	3,827	3,382	3,021	2,800	2,828	3,289	4,343	9,058
1962: January.....	56,554	6,093	3,982	2,434	3,895	3,652	3,940	3,898	3,518	3,060	2,888	2,886	3,365	4,247	8,644
February.....	56,072	6,062	3,909	2,501	4,000	3,581	3,871	3,879	3,444	3,036	2,866	2,796	3,338	4,175	8,613
March.....	55,889	6,156	3,859	2,454	3,992	3,642	3,820	3,855	3,347	3,029	2,887	2,785	3,293	4,174	8,566
April.....	55,933	6,050	3,777	2,328	3,950	3,725	3,829	3,790	3,302	3,004	2,785	2,781	3,227	4,332	9,056
May.....	54,966	5,800	3,501	2,265	3,877	3,702	3,764	3,802	3,313	2,922	2,710	2,768	3,231	4,282	9,016
June.....	53,072	5,198	2,745	1,587	3,489	3,719	3,787	3,862	3,315	2,991	2,821	2,853	3,257	4,358	9,090
July.....	53,746	5,293	2,683	1,491	3,459	3,706	3,902	3,878	3,450	3,120	2,886	2,916	3,314	4,469	9,176
August.....	53,805	5,419	3,065	1,453	3,409	3,625	3,809	3,850	3,480	3,073	2,813	2,864	3,322	4,423	9,203
September.....	55,631	6,055	3,744	2,243	3,764	3,635	3,709	3,718	3,364	3,013	2,735	2,813	3,242	4,390	9,204
October.....	55,808	6,035	3,808	2,309	3,739	3,637	3,766	3,732	3,298	2,959	2,751	2,832	3,266	4,399	9,275
November.....	56,378	6,107	3,928	2,379	3,795	3,598	3,807	3,781	3,356	3,004	2,707	2,822	3,309	4,408	9,379
December.....	56,954	6,064	4,011	2,344	3,885	3,675	3,871	3,875	3,392	3,048	2,750	2,825	3,300	4,469	9,446
MALE															
1959.....	11,019	2,112	1,475	581	548	180	100	129	122	160	234	341	574	1,363	3,100
1960.....	11,493	2,219	1,615	663	556	163	99	125	133	179	248	335	638	1,426	3,189
1961.....	12,229	2,596	1,531	738	589	155	110	128	146	183	262	333	620	1,519	3,267
1962.....	13,059	2,828	1,587	794	646	152	136	124	150	185	262	368	682	1,607	3,538
1962: January.....	13,831	3,027	1,839	1,009	732	189	153	156	177	240	300	351	691	1,569	3,398
February.....	13,509	3,003	1,786	972	763	146	153	134	169	247	259	334	663	1,528	3,351
March.....	13,459	3,079	1,755	961	768	153	143	133	162	206	249	322	666	1,531	3,330
April.....	13,475	2,962	1,685	876	759	151	153	129	142	202	266	360	669	1,583	3,541
May.....	12,846	2,779	1,490	827	721	144	124	137	140	163	228	380	670	1,558	3,485
June.....	11,368	2,356	1,049	439	420	126	127	125	122	159	255	404	674	1,680	3,533
July.....	11,558	2,386	1,019	419	369	130	141	98	153	184	291	409	740	1,639	3,578
August.....	11,714	2,466	1,263	425	368	105	120	94	143	169	265	362	716	1,621	3,601
September.....	13,346	2,942	1,665	845	688	139	125	94	147	161	278	353	667	1,660	3,581
October.....	13,567	2,944	1,757	879	699	166	125	115	121	166	266	376	667	1,664	3,632
November.....	13,902	3,006	1,846	950	710	163	133	122	151	170	239	384	668	1,660	3,701
December.....	14,134	2,990	1,888	928	761	207	130	150	169	166	246	385	689	1,698	3,725
FEMALE															
1959.....	40,401	2,348	1,891	1,180	3,014	3,607	3,881	3,701	3,130	2,769	2,522	2,468	2,525	2,498	4,867
1960.....	40,749	2,406	1,963	1,205	3,014	3,527	3,827	3,747	3,158	2,774	2,549	2,474	2,577	2,539	4,989
1961.....	41,448	2,769	1,946	1,314	3,042	3,474	3,773	3,712	3,199	2,806	2,573	2,463	2,624	2,600	5,153
1962.....	42,341	3,033	1,998	1,359	3,125	3,507	3,687	3,703	3,232	2,836	2,538	2,460	2,607	2,736	5,520
1962: January.....	42,723	3,066	2,143	1,475	3,163	3,463	3,787	3,742	3,341	2,820	2,588	2,535	2,674	2,678	5,246
February.....	42,563	3,059	2,123	1,529	3,237	3,435	3,718	3,745	3,275	2,799	2,607	2,462	2,675	2,647	5,262
March.....	42,430	3,077	2,104	1,493	3,224	3,489	3,677	3,722	3,185	2,823	2,638	2,463	2,627	2,643	5,266
April.....	42,467	3,088	2,092	1,462	3,191	3,574	3,676	3,661	3,160	2,802	2,619	2,421	2,558	2,749	5,515
May.....	42,109	3,021	2,011	1,438	3,156	3,558	3,640	3,665	3,173	2,759	2,482	2,388	2,561	2,724	5,531
June.....	41,705	2,842	1,696	1,148	3,069	3,593	3,660	3,737	3,193	2,832	2,566	2,449	2,583	2,778	5,557
July.....	42,188	2,907	1,664	1,072	3,090	3,576	3,761	3,780	3,297	2,936	2,596	2,507	2,574	2,830	5,598
August.....	42,091	2,953	1,802	1,028	3,043	3,520	3,689	3,756	3,337	2,904	2,548	2,502	2,606	2,802	5,602
September.....	42,285	3,113	2,079	1,398	3,076	3,496	3,584	3,624	3,217	2,852	2,457	2,460	2,575	2,730	5,623
October.....	42,241	3,091	2,051	1,430	3,040	3,471	3,641	3,617	3,177	2,803	2,485	2,456	2,599	2,735	5,643
November.....	42,476	3,101	2,082	1,429	3,085	3,435	3,674	3,659	3,205	2,834	2,468	2,438	2,641	2,748	5,678
December.....	42,820	3,074	2,123	1,416	3,124	3,468	3,741	3,725	3,223	2,882	2,502	2,440	2,611	2,771	5,721

Table SA-6: CIVILIAN LABOR FORCE PARTICIPATION RATES,¹ BY MARITAL STATUS, AGE, AND SEX, 1959-62

Age and sex	Married, spouse present				Single				Other ²			
	1962	1961	1960	1959	1962	1961	1960	1959	1962	1961	1960	1959
Male.....	88.2	89.0	89.2	89.6	56.3	57.9	60.2	60.6	59.9	62.4	63.1	62.8
14 to 17 years.....	(³)	(³)	(³)	(³)	30.5	31.7	33.9	34.3	(³)	(³)	(³)	(³)
18 and 19 years.....	94.1	96.7	96.7	97.2	64.2	64.0	67.1	68.3	(³)	(³)	(³)	(³)
20 to 24 years.....	96.2	97.1	97.1	96.4	78.6	79.9	80.3	79.9	92.0	95.0	96.9	95.7
25 to 34 years.....	98.7	98.9	98.8	98.7	89.6	90.1	91.5	91.0	94.4	96.6	95.2	94.9
35 to 44 years.....	98.7	98.6	98.6	98.7	87.4	88.3	88.6	88.9	92.9	93.6	94.4	94.5
45 to 64 years.....	93.3	93.8	93.7	93.9	79.9	79.4	80.1	82.3	82.1	83.0	83.2	90.3
65 years and over.....	33.8	35.3	36.0	38.2	28.4	28.5	31.2	30.0	20.2	21.2	22.7	23.3
Female.....	32.8	32.5	31.9	31.2	44.8	46.5	48.0	47.4	40.6	41.7	41.6	41.6
14 to 17 years.....	18.6	18.4	18.8	16.8	19.3	20.2	20.9	21.0	(³)	(³)	(³)	(³)
18 and 19 years.....	33.6	31.1	30.9	30.1	57.4	58.4	58.6	57.1	45.0	46.6	47.9	51.6
20 to 24 years.....	33.6	33.0	31.7	31.4	74.1	75.9	77.2	75.5	57.1	57.5	58.0	55.2
25 to 34 years.....	29.3	29.1	28.8	28.2	82.3	84.1	83.4	82.9	60.3	62.1	63.1	62.7
35 to 44 years.....	38.5	37.8	37.2	36.9	80.8	81.7	82.9	82.3	67.3	69.4	70.0	71.5
45 to 64 years.....	37.4	36.9	36.0	35.0	76.6	76.7	79.8	77.8	60.8	60.7	60.0	60.0
65 years and over.....	6.3	6.8	6.7	6.3	18.5	23.0	24.3	22.3	11.2	11.6	11.4	10.9

¹ Percent of civilian noninstitutional population in civilian labor force.² Percent not shown where base is less than 50,000.³ Includes widowed, divorced, and married—spouse absent.Table SA-7: CIVILIAN LABOR FORCE PARTICIPATION RATES,¹ BY COLOR, AGE, AND SEX, 1959-62

Age and sex	White				Nonwhite			
	1962	1961	1960	1959	1962	1961	1960	1959
Male.....	78.6	79.7	80.5	81.0	78.4	78.0	79.4	79.1
14 to 19 years.....	40.8	41.7	43.6	44.0	38.4	41.5	45.0	44.0
20 to 24 years.....	86.5	87.6	87.8	87.3	89.3	89.7	90.4	90.8
25 to 34 years.....	97.4	97.7	97.7	97.5	95.3	95.9	96.2	96.3
35 to 44 years.....	97.9	97.9	97.9	99.0	94.5	94.8	95.5	95.8
45 to 64 years.....	96.0	95.9	96.1	96.3	92.2	92.3	92.3	92.8
55 to 64 years.....	86.7	87.8	87.2	87.9	81.5	81.6	82.5	82.6
65 years and over.....	30.6	31.9	33.3	34.3	27.2	29.4	31.2	33.5
Female.....	35.6	35.8	35.5	35.0	46.6	46.1	46.3	45.8
14 to 19 years.....	29.7	30.6	30.7	30.2	24.0	24.6	25.8	22.7
14 and 15 years.....	13.7	13.5	12.5	13.0	9.7	10.9	13.2	12.5
16 and 17 years.....	27.9	29.4	30.0	29.9	21.3	21.6	22.1	20.8
18 and 19 years.....	51.6	51.9	51.9	50.8	45.5	44.5	44.3	36.3
20 to 24 years.....	47.1	46.9	45.7	44.5	48.6	47.7	48.8	48.8
25 to 34 years.....	34.1	34.3	34.1	33.4	52.0	51.2	49.7	50.0
35 to 44 years.....	42.2	41.8	41.5	41.4	59.7	60.5	59.8	60.0
45 to 64 years.....	48.9	48.9	48.6	47.8	60.5	61.1	60.5	60.0
55 to 64 years.....	38.0	37.2	36.2	35.7	46.1	45.2	47.3	46.4
65 years and over.....	9.8	10.5	10.6	10.0	12.2	13.1	12.8	12.6

¹ Percent of civilian noninstitutional population in civilian labor force.

Table SA-8: EXPERIENCED CIVILIAN LABOR FORCE,¹ BY OCCUPATION GROUP AND SEX, 1959-62

[Percent distribution]

Occupation group	Both sexes				Male				Female			
	1962	1961	1960	1959	1962	1961	1960	1959	1962	1961	1960	1959
All occupation groups: Number (thousands).....	71,315	71,018	70,156	68,952	47,098	47,065	46,765	46,315	24,219	23,953	23,391	22,637
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Professional, technical, and kindred workers.....	11.5	11.1	10.8	10.5	11.2	10.7	10.4	10.1	12.0	11.7	11.8	11.5
Medical and other health workers.....	1.9	1.9	1.9	1.8	1.2	1.3	1.2	1.1	3.3	3.1	3.2	3.2
Teachers, except college.....	2.4	2.3	2.3	2.2	1.1	1.0	1.0	.9	5.0	4.9	5.0	4.9
Other professional, technical, and kindred workers.....	7.1	6.8	6.6	6.5	8.9	8.5	8.2	8.1	3.7	3.6	3.5	3.4
Farmers and farm managers.....	3.6	3.8	4.0	4.4	5.2	5.5	5.7	6.3	.5	.5	.5	.5
Managers, officials, and proprietors, except farm.....	10.5	10.2	10.2	10.2	13.5	13.0	12.9	12.8	4.8	4.8	4.8	4.8
Salaried workers.....	5.8	5.4	5.1	5.0	7.4	6.9	6.5	6.4	2.6	2.5	2.3	2.3
Self-employed workers in retail trade.....	2.2	2.4	2.5	2.5	2.7	2.8	3.0	3.0	1.4	1.5	1.6	1.6
Self-employed workers, except retail trade.....	2.5	2.4	2.6	2.6	3.4	3.3	3.4	3.5	.7	.7	.8	.9
Clerical and kindred workers.....	14.8	14.6	14.5	14.0	6.9	6.9	7.0	6.7	30.0	29.5	29.5	29.1
Stenographers, typists, and secretaries.....	3.6	3.5	3.5	3.5	.2	.2	.1	.2	10.4	10.1	10.2	10.3
Other clerical and kindred workers.....	11.1	11.0	11.0	10.6	6.7	6.8	6.9	6.5	19.6	19.4	19.2	18.8
Sales workers.....	6.4	6.6	6.5	6.6	5.8	6.0	5.9	6.0	7.4	7.6	7.6	7.8
Retail trade.....	3.7	3.9	3.9	3.9	2.3	2.5	2.4	2.5	6.6	6.6	6.8	6.9
Other sales workers.....	2.6	2.7	2.6	2.7	3.5	3.6	3.5	3.6	.9	.9	.9	.9
Craftsmen, foremen, and kindred workers.....	12.8	13.0	12.9	13.1	18.9	19.1	18.8	19.0	1.0	1.0	1.0	1.0
Carpenters.....	1.3	1.3	1.3	1.4	1.9	2.0	2.0	2.0	(²)	(²)	(²)	(²)
Construction craftsmen, except carpenters.....	2.6	2.7	2.7	2.7	3.9	4.0	4.0	4.1	.1	.1	.1	.1
Mechanics and repairmen.....	3.1	3.1	3.0	3.1	4.7	4.7	4.4	4.6	.1	.1	.1	.1
Metal craftsmen, except mechanics.....	1.5	1.5	1.6	1.6	2.3	2.3	2.4	2.4	(²)	(²)	(²)	(²)
Other craftsmen and kindred workers.....	2.5	2.7	2.6	2.6	3.6	3.8	3.6	3.7	.5	.5	.5	.4
Foremen, not elsewhere classified.....	1.8	1.7	1.7	1.7	2.5	2.3	2.3	2.3	.3	.3	.3	.4
Operatives and kindred workers.....	18.3	18.3	18.6	18.6	19.7	19.6	19.9	19.9	15.4	15.8	15.9	16.0
Drivers and deliverymen.....	3.5	3.5	3.6	3.6	5.2	5.3	5.3	5.3	.2	.2	.1	.1
Other operatives and kindred workers.....	14.8	14.8	15.0	15.0	14.5	14.3	14.6	14.5	15.3	15.6	15.8	15.9
Durable goods manufacturing.....	5.5	5.4	5.4	5.5	6.2	6.0	6.1	6.1	4.1	4.1	4.2	4.3
Nondurable goods manufacturing.....	5.1	5.2	5.2	5.1	3.6	3.6	3.6	3.5	8.0	8.2	8.4	8.3
Other industries.....	4.2	4.3	4.3	4.4	4.7	4.7	4.9	4.9	3.2	3.3	3.2	3.3
Private household workers.....	3.5	3.5	3.3	3.3	.1	.1	.1	.1	9.9	10.0	9.8	10.0
Service workers, except private household.....	9.7	9.6	9.3	9.1	6.8	6.7	6.5	6.4	15.3	15.3	14.8	14.5
Protective service workers.....	1.2	1.1	1.1	1.1	1.7	1.6	1.6	1.6	.2	.1	.1	.2
Waiters, cooks, and bartenders.....	2.7	2.7	2.6	2.6	1.2	1.2	1.1	1.1	5.8	5.7	5.6	5.6
Other service workers.....	5.8	5.8	5.6	5.3	4.0	3.9	3.8	3.7	9.3	9.5	9.1	8.7
Farm laborers and foremen.....	3.3	3.7	3.9	3.9	3.4	3.8	3.9	3.8	3.1	3.4	3.9	4.2
Paid workers.....	2.1	2.3	2.4	2.3	2.6	2.9	3.0	2.8	1.0	1.1	1.3	1.3
Unpaid family workers.....	1.3	1.4	1.5	1.6	.8	.9	.9	1.0	2.1	2.2	2.6	2.9
Laborers, except farm and mine.....	5.7	5.7	6.0	6.2	8.4	8.4	8.7	9.0	.4	.4	.4	.5
Construction.....	1.3	1.3	1.4	1.5	2.0	2.0	2.1	2.2	(²)	(²)	(²)	(²)
Manufacturing.....	1.6	1.6	1.8	1.9	2.3	2.4	2.7	2.7	.2	.2	.2	.3
Other industries.....	2.8	2.7	2.7	2.8	4.1	4.0	4.0	4.0	.2	.2	.2	.2

¹ Includes the employed, classified according to their current job, and the unemployed, classified according to their latest civilian job, if any; excludes the unemployed persons who never held a full-time civilian job.

² Less than 0.05 percent.

Table SA-9: EMPLOYED PERSONS, BY AGE AND SEX, 1959-62

[Thousands of persons 14 years of age and over]

Period and sex	All age groups	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over
BOTH SEXES															
1959.....	65,581	951	1,670	2,168	5,870	6,358	7,351	7,832	7,622	7,496	6,419	5,075	3,747	1,703	1,320
1960.....	66,681	904	1,769	2,360	6,120	6,386	7,244	7,881	7,717	7,637	6,600	5,238	3,752	1,715	1,358
1961.....	66,796	1,051	1,622	2,485	6,231	6,329	7,100	7,815	7,737	7,610	6,710	5,355	3,765	1,653	1,334
1962.....	67,846	1,144	1,607	2,588	6,446	6,339	6,972	7,901	8,000	7,615	6,876	5,520	3,826	1,666	1,346
1962: January.....	65,058	842	1,236	2,247	6,077	6,280	6,845	7,666	7,649	7,571	6,771	5,337	3,692	1,596	1,250
February.....	65,789	917	1,284	2,247	6,050	6,340	6,969	7,705	7,729	7,536	6,818	5,445	3,792	1,663	1,292
March.....	66,316	894	1,336	2,335	6,053	6,302	7,007	7,779	7,843	7,565	6,853	5,481	3,843	1,685	1,340
April.....	66,824	866	1,361	2,398	6,183	6,227	6,977	7,925	8,017	7,549	6,775	5,552	3,857	1,718	1,416
May.....	68,203	1,137	1,519	2,516	6,317	6,323	7,021	8,000	8,105	7,703	6,867	5,574	3,884	1,765	1,473
June.....	69,539	1,686	1,958	3,021	6,631	6,303	7,009	7,878	8,087	7,626	6,835	5,527	3,853	1,703	1,423
July.....	69,564	1,716	2,275	3,214	6,681	6,292	6,916	7,879	7,993	7,523	6,805	5,470	3,808	1,627	1,365
August.....	69,762	1,668	2,127	3,271	6,730	6,332	6,986	7,928	7,937	7,595	6,874	5,626	3,792	1,647	1,353
September.....	68,668	1,046	1,587	2,535	6,610	6,413	7,078	8,052	8,160	7,662	6,963	5,605	3,775	1,688	1,391
October.....	68,893	1,043	1,595	2,481	6,718	6,461	7,027	8,114	8,200	7,771	7,018	5,590	3,855	1,676	1,346
November.....	67,981	936	1,480	2,346	6,675	6,463	6,969	7,976	8,154	7,680	7,005	5,566	3,821	1,640	1,273
December.....	67,561	977	1,525	2,442	6,628	6,335	6,860	7,907	8,128	7,591	6,938	5,569	3,840	1,592	1,230
MALE															
1959.....	44,089	623	1,015	1,183	3,597	4,588	5,275	5,407	5,085	4,856	4,192	3,427	2,631	1,213	997
1960.....	44,485	581	1,089	1,271	3,754	4,560	5,199	5,426	5,125	4,906	4,276	3,493	2,613	1,190	1,001
1961.....	44,318	662	989	1,325	3,798	4,498	5,093	5,376	5,129	4,882	4,312	3,531	2,625	1,117	981
1962.....	44,892	715	990	1,372	3,898	4,501	4,974	5,439	5,272	4,936	4,397	3,616	2,644	1,137	1,000
1962: January.....	43,072	493	755	1,149	3,670	4,414	4,949	5,303	5,100	4,834	4,315	3,530	2,566	1,094	898
February.....	43,435	544	793	1,181	3,658	4,452	4,973	5,308	5,104	4,776	4,370	3,554	2,654	1,124	942
March.....	43,697	515	825	1,227	3,674	4,464	4,966	5,336	5,132	4,840	4,388	3,574	2,649	1,134	974
April.....	44,133	525	869	1,300	3,704	4,499	4,958	5,414	5,233	4,890	4,332	3,610	2,651	1,180	1,048
May.....	45,134	732	997	1,361	3,798	4,521	4,984	5,469	5,312	4,976	4,399	3,598	2,673	1,204	1,110
June.....	46,310	1,109	1,253	1,659	4,068	4,541	4,989	5,441	5,308	4,973	4,421	3,626	2,663	1,192	1,069
July.....	46,605	1,132	1,441	1,750	4,139	4,523	4,959	5,479	5,316	4,956	4,391	3,616	2,599	1,163	1,036
August.....	46,503	1,115	1,308	1,736	4,141	4,521	4,982	5,532	5,310	4,978	4,419	3,670	2,620	1,161	1,012
September.....	45,415	658	985	1,340	4,018	4,550	4,993	5,511	5,363	5,014	4,420	3,697	2,678	1,119	1,048
October.....	45,387	639	936	1,309	4,014	4,565	5,005	5,534	5,388	5,050	4,471	3,682	2,679	1,114	1,002
November.....	44,743	552	847	1,202	3,989	4,543	4,993	5,487	5,360	4,995	4,444	3,637	2,657	1,096	942
December.....	44,319	567	869	1,248	3,908	4,449	4,935	5,451	5,324	4,946	4,399	3,602	2,633	1,067	922
FEMALE															
1959.....	21,492	328	655	985	2,273	1,770	2,076	2,425	2,536	2,640	2,227	1,648	1,116	489	323
1960.....	22,196	322	680	1,089	2,366	1,826	2,045	2,454	2,592	2,731	2,324	1,745	1,139	525	357
1961.....	22,478	388	632	1,161	2,433	1,831	2,007	2,439	2,608	2,727	2,397	1,824	1,140	536	353
1962.....	22,954	429	617	1,216	2,548	1,838	1,998	2,462	2,728	2,679	2,479	1,904	1,182	529	346
1962: January.....	21,986	349	481	1,098	2,407	1,866	1,896	2,363	2,549	2,737	2,456	1,807	1,126	502	352
February.....	22,354	373	491	1,066	2,392	1,888	1,996	2,397	2,625	2,760	2,448	1,891	1,138	539	350
March.....	22,619	379	511	1,108	2,379	1,838	2,041	2,443	2,711	2,725	2,465	1,907	1,194	551	366
April.....	22,541	341	492	1,098	2,479	1,758	2,019	2,511	2,784	2,659	2,443	1,942	1,206	538	368
May.....	23,069	405	522	1,155	2,519	1,802	2,037	2,531	2,793	2,727	2,468	1,976	1,211	561	363
June.....	23,228	577	705	1,362	2,563	1,762	2,020	2,437	2,779	2,653	2,414	1,901	1,190	511	354
July.....	23,059	584	834	1,464	2,542	1,764	1,957	2,400	2,677	2,567	2,414	1,854	1,209	464	329
August.....	23,260	553	819	1,535	2,589	1,811	2,004	2,396	2,627	2,617	2,455	1,856	1,172	486	341
September.....	23,253	388	602	1,195	2,592	1,863	2,085	2,541	2,777	2,648	2,543	1,908	1,197	569	343
October.....	23,505	404	659	1,172	2,704	1,896	2,022	2,580	2,812	2,721	2,547	1,908	1,176	562	344
November.....	23,238	384	633	1,144	2,686	1,920	1,976	2,489	2,794	2,685	2,561	1,929	1,163	544	331
December.....	23,242	410	656	1,194	2,720	1,886	1,925	2,457	2,804	2,645	2,539	1,967	1,208	525	308

Table SA-10: PERSONS EMPLOYED IN NONAGRICULTURAL INDUSTRIES, BY AGE AND SEX, 1959-62

[Thousands of persons 14 years of age and over]

Period and sex	All age groups	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over
BOTH SEXES															
1959.....	59,745	680	1,357	1,952	5,486	5,971	6,904	7,323	7,068	6,888	6,871	4,577	3,304	1,396	967
1960.....	60,958	640	1,436	2,127	5,716	5,992	6,839	7,415	7,171	7,069	6,041	4,736	3,325	1,432	1,019
1961.....	61,333	788	1,326	2,254	5,836	5,966	6,720	7,352	7,255	7,077	6,146	4,833	3,363	1,389	1,029
1962.....	62,657	898	1,337	2,375	6,103	6,025	6,584	7,459	7,519	7,097	6,340	5,041	3,422	1,410	1,047
1962: January.....	60,641	734	1,084	2,110	5,789	6,025	6,525	7,255	7,233	7,080	6,256	4,877	3,334	1,351	990
February.....	61,211	793	1,108	2,110	5,750	6,055	6,589	7,257	7,311	7,053	6,327	4,987	3,400	1,438	1,032
March.....	61,533	753	1,127	2,181	5,745	5,980	6,630	7,337	7,388	7,108	6,344	5,000	3,445	1,429	1,065
April.....	61,963	732	1,141	2,214	5,851	5,914	6,697	7,492	7,541	7,060	6,263	5,070	3,425	1,457	1,100
May.....	62,775	899	1,274	2,328	5,955	5,958	6,626	7,556	7,610	7,156	6,299	5,054	3,441	1,493	1,128
June.....	63,249	1,199	1,504	2,708	6,187	5,906	6,552	7,427	7,558	7,064	6,257	4,984	3,391	1,408	1,102
July.....	63,600	1,229	1,800	2,915	6,276	5,968	6,495	7,420	7,466	6,961	6,211	4,992	3,388	1,346	1,034
August.....	63,993	1,199	1,692	2,989	6,346	6,006	6,581	7,464	7,436	7,054	6,347	5,058	3,390	1,386	1,047
September.....	63,103	761	1,290	2,289	6,221	6,093	6,681	7,591	7,634	7,068	6,406	5,122	3,468	1,419	1,059
October.....	63,418	790	1,342	2,229	6,363	6,132	6,610	7,643	7,661	7,210	6,459	5,110	3,444	1,396	1,029
November.....	63,098	810	1,302	2,149	6,352	6,149	6,583	7,530	7,672	7,180	6,447	5,102	3,435	1,403	987
December.....	63,495	874	1,384	2,283	6,398	6,113	6,537	7,531	7,721	7,171	6,468	5,136	3,505	1,389	988
MALE															
1959.....	39,340	406	759	996	3,273	4,271	4,930	5,012	4,649	4,375	3,757	3,026	2,260	946	679
1960.....	39,807	376	813	1,077	3,405	4,230	4,883	5,065	4,695	4,466	3,825	3,084	2,250	947	690
1961.....	39,811	452	739	1,126	3,469	4,195	4,788	5,010	4,736	4,463	3,859	3,099	2,284	888	700
1962.....	40,626	518	755	1,194	3,605	4,248	4,667	5,091	4,889	4,516	3,974	3,223	2,309	908	729
1962: January.....	39,165	398	603	1,020	3,409	4,188	4,659	4,946	4,724	4,422	3,887	3,125	2,252	874	658
February.....	39,460	433	625	1,055	3,383	4,206	4,651	4,919	4,750	4,368	3,958	3,178	2,368	917	708
March.....	39,553	388	629	1,080	3,385	4,189	4,653	4,961	4,756	4,443	3,952	3,166	2,324	904	722
April.....	39,925	406	671	1,131	3,397	4,205	4,639	5,053	4,846	4,474	3,906	3,205	2,300	937	753
May.....	40,687	537	779	1,195	3,490	4,237	4,675	5,122	4,920	4,537	3,955	3,177	2,311	960	793
June.....	41,421	722	871	1,416	3,717	4,246	4,666	5,112	4,925	4,562	3,986	3,193	2,300	934	781
July.....	41,732	738	1,045	1,522	3,807	4,280	4,644	5,151	4,934	4,519	3,949	3,232	2,269	903	739
August.....	41,899	755	944	1,517	3,826	4,265	4,685	5,192	4,922	4,544	4,009	3,293	2,289	923	736
September.....	41,052	447	735	1,148	3,697	4,299	4,700	5,190	4,985	4,556	4,007	3,305	2,352	881	750
October.....	41,131	462	729	1,099	3,732	4,303	4,697	5,195	4,974	4,613	4,058	3,321	2,338	889	721
November.....	40,703	448	691	1,038	3,711	4,290	4,682	5,125	4,964	4,588	4,018	3,251	2,329	886	684
December.....	40,782	479	736	1,109	3,706	4,268	4,652	5,126	4,970	4,577	4,002	3,231	2,341	886	699
FEMALE															
1959.....	20,405	274	598	956	2,213	1,700	1,974	2,311	2,419	2,513	2,114	1,551	1,044	450	288
1960.....	21,151	264	623	1,050	2,310	1,762	1,956	2,350	2,475	2,604	2,216	1,652	1,075	485	329
1961.....	21,523	336	586	1,127	2,367	1,771	1,932	2,342	2,518	2,614	2,287	1,735	1,079	500	328
1962.....	22,031	380	582	1,181	2,498	1,777	1,917	2,368	2,630	2,581	2,366	1,818	1,113	502	318
1962: January.....	21,476	336	481	1,090	2,380	1,837	1,866	2,309	2,509	2,658	2,369	1,752	1,082	477	332
February.....	21,751	360	483	1,055	2,367	1,849	1,938	2,338	2,561	2,685	2,369	1,800	1,092	521	324
March.....	21,980	365	498	1,151	2,380	1,791	1,977	2,376	2,632	2,665	2,392	1,834	1,121	525	343
April.....	21,938	326	470	1,083	2,454	1,709	1,958	2,439	2,695	2,586	2,357	1,865	1,125	520	347
May.....	22,088	362	495	1,133	2,465	1,721	1,951	2,434	2,690	2,619	2,344	1,877	1,130	533	335
June.....	21,827	477	633	1,292	2,470	1,660	1,886	2,315	2,633	2,512	2,271	1,791	1,091	474	321
July.....	21,768	491	755	1,393	2,469	1,688	1,851	2,269	2,632	2,442	2,262	1,760	1,119	443	295
August.....	22,094	444	748	1,472	2,520	1,741	1,896	2,272	2,514	2,510	2,338	1,765	1,101	463	311
September.....	22,051	314	555	1,141	2,524	1,794	1,981	2,401	2,649	2,512	2,399	1,817	1,116	538	309
October.....	22,287	328	613	1,130	2,631	1,829	1,913	2,448	2,687	2,597	2,401	1,789	1,106	507	308
November.....	22,395	362	611	1,111	2,641	1,859	1,901	2,405	2,708	2,592	2,429	1,851	1,106	517	303
December.....	22,714	395	648	1,174	2,692	1,845	1,885	2,405	2,751	2,594	2,466	1,905	1,164	503	289

Table SA-11: PERSONS EMPLOYED IN AGRICULTURE, BY AGE AND SEX, 1959-62

[Thousands of persons 14 years of age and over]

Period and sex	All age groups	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over
BOTH SEXES															
1959.....	5,836	272	313	216	384	387	447	509	553	607	547	498	443	307	353
1960.....	5,723	264	333	232	404	394	405	465	547	568	559	501	427	283	339
1961.....	5,463	263	296	231	394	363	380	468	482	533	563	521	402	264	306
1962.....	5,190	246	270	213	343	314	388	443	481	518	536	479	404	257	300
1962: January.....															
February.....	4,417	108	152	137	288	255	320	411	416	491	515	460	358	245	260
March.....	4,878	124	176	137	300	285	350	448	418	483	491	458	392	225	260
April.....	4,782	141	209	154	308	322	377	442	455	457	509	481	398	256	275
May.....	4,961	134	220	184	332	313	380	433	476	489	512	482	432	261	316
June.....	5,428	238	245	188	302	365	395	444	495	547	568	520	443	272	345
July.....	6,290	487	454	313	444	397	457	451	529	562	578	543	462	295	321
August.....	6,064	487	475	299	405	324	421	459	527	562	594	478	420	281	351
September.....	5,770	469	435	282	354	326	405	464	501	541	527	468	402	261	306
October.....	5,564	285	297	246	389	320	397	461	526	594	557	483	407	269	352
November.....	5,475	253	253	252	355	329	417	471	539	561	559	480	411	280	317
December.....	4,883	126	178	197	323	314	386	446	482	500	558	464	385	237	286
MALE															
1959.....	4,749	217	256	187	324	316	345	394	436	481	435	401	371	267	318
1960.....	4,678	206	276	194	349	330	316	361	430	440	461	409	362	243	311
1961.....	4,508	210	250	198	329	303	305	366	392	419	453	432	341	229	281
1962.....	4,266	197	235	178	293	253	307	348	383	420	423	393	354	229	272
1962: January.....															
February.....	3,906	95	152	129	261	226	290	357	376	412	428	405	314	220	240
March.....	3,975	111	168	126	275	248	322	389	354	408	412	376	346	207	234
April.....	4,144	127	196	147	289	275	313	375	376	397	436	408	325	230	262
May.....	4,258	119	198	169	307	264	319	361	387	416	426	405	351	243	295
June.....	4,447	195	218	166	308	284	309	347	392	439	444	421	362	244	317
July.....	4,889	387	382	243	351	295	323	329	383	421	435	433	363	258	288
August.....	4,773	394	396	228	332	248	315	328	382	437	442	384	330	260	297
September.....	4,604	360	364	219	315	256	297	340	388	434	410	377	331	238	276
October.....	4,363	211	250	192	321	251	293	321	398	468	413	392	326	238	298
November.....	4,256	177	207	210	282	262	308	339	414	437	413	361	341	225	281
December.....	4,040	104	156	164	278	253	311	362	396	407	426	386	328	210	258
FEMALE															
1959.....	1,087	54	57	29	60	71	102	115	118	126	113	97	72	39	35
1960.....	1,045	59	57	38	55	64	89	104	117	128	108	93	64	40	28
1961.....	955	53	46	33	65	61	75	97	90	113	110	89	61	36	25
1962.....	924	49	35	35	50	61	81	95	98	98	113	86	70	28	28
1962: January.....															
February.....	511	13	8	11	25	39	58	59	64	75	79	82	46	18	26
March.....	603	13	13	7	19	47	64	67	79	60	73	73	26	23	23
April.....	638	14	13	7	19	47	64	67	79	60	73	73	26	23	23
May.....	703	15	22	15	25	49	61	72	89	78	86	77	81	18	21
June.....	982	43	27	22	54	81	86	97	103	108	124	99	81	28	28
July.....	1,401	100	72	70	93	102	134	122	146	141	143	110	99	37	33
August.....	1,291	93	79	71	73	76	106	131	145	125	152	94	90	21	34
September.....	1,166	109	71	63	69	70	108	124	113	107	117	91	71	23	30
October.....	1,201	74	47	54	68	69	104	140	128	136	144	91	81	31	34
November.....	1,219	76	46	42	73	67	109	132	125	124	146	119	70	55	36
December.....	843	22	22	33	45	61	75	84	86	93	132	78	57	27	28
December.....	528	15	8	20	28	41	40	52	53	51	73	62	44	22	19

Table SA-12: EMPLOYED PERSONS, BY TYPE OF INDUSTRY, CLASS OF WORKER, AND SEX, 1959-62
 [Thousands of persons 14 years of age and over]

Period and sex	Nonagricultural industries							Agriculture			
	Total	Wage and salary workers			Self-employed workers	Unpaid family workers	Total	Wage and salary workers	Self-employed workers	Unpaid family workers	
		Total	In private households	Government							Other
BOTH SEXES											
1959.....	59,745	52,850	2,520	7,695	42,636	6,298	597	5,836	1,689	3,027	1,121
1960.....	60,958	53,976	2,489	7,943	43,544	6,367	615	5,723	1,866	2,802	1,054
1961.....	61,333	54,284	2,594	8,186	43,505	6,388	662	5,463	1,733	2,744	985
1962.....	62,657	55,762	2,626	8,703	44,433	6,271	623	5,190	1,666	2,619	905
1962: January.....											
February.....	60,641	53,829	2,575	8,679	42,575	6,236	577	4,417	1,160	2,677	580
March.....	61,211	54,102	2,594	8,786	42,722	6,546	562	4,578	1,320	2,622	636
April.....	61,533	54,527	2,637	8,829	43,061	6,359	647	4,782	1,369	2,694	720
May.....	61,863	54,750	2,586	8,629	43,535	6,464	649	4,961	1,467	2,763	731
June.....	62,775	55,569	2,730	8,819	44,020	6,510	697	5,428	1,632	2,798	997
July.....	63,249	56,214	2,670	8,318	45,226	6,367	666	6,290	2,119	2,732	1,440
August.....	63,500	56,548	2,786	8,132	45,630	6,241	711	6,064	2,150	2,645	1,270
September.....	63,993	57,137	2,712	8,383	46,042	6,226	629	5,770	1,984	2,568	1,218
October.....	63,103	56,322	2,441	8,757	45,124	6,176	605	5,564	2,025	2,543	996
November.....	63,418	56,827	2,584	8,887	45,356	6,034	558	5,475	1,993	2,523	959
December.....	63,098	56,474	2,584	9,099	44,791	6,034	588	4,883	1,601	2,509	775
	63,495	56,843	2,615	9,117	45,111	6,063	589	4,066	1,171	2,359	537
MALE											
1959.....	39,340	34,234	349	4,715	29,170	5,028	77	4,749	1,398	2,898	452
1960.....	39,807	34,689	288	4,788	29,613	5,027	91	4,678	1,558	2,622	433
1961.....	39,811	34,724	325	4,954	29,445	4,987	99	4,508	1,455	2,611	442
1962.....	40,626	35,648	337	5,281	30,030	4,887	90	4,266	1,395	2,483	388
1962: January.....											
February.....	39,165	34,197	195	5,227	28,775	4,886	82	3,906	1,049	2,554	303
March.....	39,460	34,290	246	5,248	28,796	5,088	82	3,975	1,180	2,489	306
April.....	39,553	34,524	225	5,238	29,061	4,937	92	4,144	1,229	2,554	360
May.....	39,925	34,879	294	5,141	29,444	4,966	80	4,258	1,343	2,619	297
June.....	40,687	35,582	463	5,296	29,823	5,014	91	4,447	1,385	2,646	415
July.....	41,421	36,331	465	5,212	30,654	4,963	128	4,889	1,684	2,578	627
August.....	41,732	36,728	502	5,194	31,032	4,881	123	4,773	1,727	2,502	544
September.....	41,899	36,921	481	5,256	31,184	4,845	132	4,604	1,625	2,437	542
October.....	41,052	36,145	350	5,260	30,535	4,830	77	4,363	1,548	2,415	400
November.....	41,131	36,343	342	5,359	30,642	4,724	64	4,256	1,545	2,361	351
December.....	40,703	35,910	265	5,473	30,172	4,720	71	4,040	1,380	2,375	287
	40,782	35,932	222	5,465	30,245	4,787	62	3,537	1,047	2,266	226
FEMALE											
1959.....	20,405	18,616	2,170	2,980	13,465	1,270	519	1,087	290	129	669
1960.....	21,151	19,287	2,201	3,155	13,931	1,340	524	1,045	308	116	621
1961.....	21,523	19,560	2,269	3,231	14,059	1,401	562	955	279	133	543
1962.....	22,031	20,113	2,289	3,422	14,402	1,385	532	924	271	136	517
1962: January.....											
February.....	21,476	19,631	2,390	3,452	13,799	1,350	494	511	111	123	277
March.....	21,751	19,812	2,349	3,537	13,926	1,459	480	603	140	133	329
April.....	21,980	20,003	2,412	3,591	14,000	1,422	555	638	140	139	359
May.....	21,938	19,871	2,292	3,488	14,091	1,498	568	703	124	144	434
June.....	22,088	19,987	2,267	3,523	14,197	1,496	606	982	247	152	582
July.....	21,827	19,883	2,205	3,106	14,572	1,404	539	1,401	435	154	813
August.....	21,768	19,820	2,284	2,939	14,597	1,360	588	1,291	423	142	726
September.....	22,094	20,216	2,230	3,127	14,859	1,381	497	1,166	359	131	676
October.....	22,051	20,178	2,091	3,497	14,590	1,346	527	1,201	478	128	596
November.....	22,287	20,494	2,242	3,528	14,714	1,309	493	1,219	448	162	609
December.....	22,395	20,564	2,319	3,626	14,619	1,314	517	843	222	134	488
	22,714	20,911	2,394	3,652	14,865	1,276	527	528	124	93	312

Table SA-13: EMPLOYED PERSONS, BY OCCUPATION GROUP AND SEX, 1962

[Thousands of persons 14 years of age and over]

Occupation group and sex	1962											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
BOTH SEXES												
All occupation groups.....	65,058	65,789	66,316	66,824	68,203	69,539	69,564	69,762	68,668	68,893	67,981	67,561
Professional, technical, and kindred workers.....	8,018	8,303	8,218	8,046	7,953	7,599	7,481	7,581	8,276	8,264	8,361	8,375
Medical and other health workers.....	1,352	1,351	1,348	1,352	1,297	1,257	1,222	1,292	1,375	1,396	1,504	1,490
Teachers, except college.....	1,825	1,887	1,902	1,793	1,825	1,418	1,219	1,276	1,826	1,847	1,862	1,871
Other professional, technical, and kindred workers.....	4,841	5,065	4,968	4,901	4,831	4,924	5,040	5,013	5,075	5,021	4,995	5,014
Farmers and farm managers.....	2,660	2,571	2,709	2,737	2,767	2,706	2,607	2,504	2,517	2,507	2,500	2,354
Managers, officials, and proprietors, except farm.....	7,470	7,472	7,582	7,424	7,489	7,436	7,510	7,450	7,322	7,351	7,162	7,292
Salaried workers.....	4,095	4,032	4,076	3,914	3,871	3,937	4,068	4,078	4,092	4,201	4,060	4,107
Self-employed workers in retail trade.....	1,635	1,653	1,681	1,692	1,647	1,637	1,579	1,575	1,518	1,456	1,446	1,467
Self-employed workers, except retail trade.....	1,740	1,777	1,805	1,818	1,871	1,852	1,863	1,767	1,712	1,694	1,656	1,718
Clerical and kindred workers.....	9,698	9,913	10,094	10,095	10,129	10,222	10,186	10,530	10,073	10,143	10,070	10,126
Stenographers, typists, and secretaries.....	2,352	2,364	2,439	2,490	2,559	2,595	2,599	2,617	2,554	2,490	2,527	2,554
Other clerical and kindred workers.....	7,346	7,549	7,655	7,615	7,570	7,627	7,587	7,913	7,519	7,653	7,543	7,572
Sales workers.....	4,220	4,240	4,277	4,327	4,330	4,377	4,235	4,344	4,283	4,335	4,376	4,806
Retail trade.....	2,398	2,428	2,486	2,574	2,492	2,516	2,484	2,529	2,436	2,490	2,569	2,928
Other sales workers.....	1,822	1,812	1,791	1,753	1,838	1,861	1,751	1,815	1,827	1,845	1,807	1,878
Craftsmen, foremen, and kindred workers.....	8,190	8,148	8,206	8,586	8,831	8,930	9,090	9,007	8,871	8,867	8,710	8,696
Carpenters.....	693	750	755	831	866	826	795	833	888	851	847	813
Construction craftsmen, except carpenters.....	1,512	1,421	1,478	1,636	1,743	1,824	1,819	1,928	1,896	1,869	1,730	1,603
Mechanics and repairmen.....	2,091	2,047	1,980	2,097	2,133	2,292	2,262	2,201	2,132	2,112	2,160	2,236
Metal craftsmen, except mechanics.....	1,039	1,053	1,039	1,045	1,038	1,002	1,083	1,059	1,047	1,057	1,025	1,063
Other craftsmen and kindred workers.....	1,749	1,703	1,742	1,717	1,794	1,753	1,828	1,809	1,708	1,718	1,740	1,751
Foremen, not elsewhere classified.....	1,106	1,174	1,212	1,260	1,257	1,233	1,303	1,177	1,200	1,260	1,208	1,230
Operatives and kindred workers.....	11,614	11,596	11,627	11,752	11,914	12,125	12,109	12,374	12,351	12,395	12,362	12,279
Drivers and deliverymen.....	2,317	2,270	2,280	2,283	2,311	2,274	2,261	2,398	2,423	2,496	2,450	2,463
Other operatives and kindred workers:												
Durable goods manufacturing.....	3,554	3,511	3,595	3,622	3,535	3,649	3,570	3,518	3,666	3,692	3,735	3,680
Nondurable goods manufacturing.....	3,141	3,120	3,129	3,223	3,255	3,425	3,417	3,546	3,478	3,444	3,359	3,235
Other industries.....	2,602	2,695	2,623	2,624	2,813	2,777	2,861	2,912	2,784	2,763	2,818	2,901
Private household workers.....	2,410	2,343	2,453	2,324	2,317	2,270	2,355	2,297	2,147	2,323	2,396	2,463
Service workers, except private household.....	6,305	6,397	6,224	6,268	6,450	6,579	6,573	6,640	6,433	6,528	6,569	6,564
Protective service workers.....	806	800	756	748	758	806	815	916	784	767	832	869
Waiters, cooks, and bartenders.....	1,774	1,747	1,727	1,781	1,755	1,824	1,811	1,743	1,738	1,767	1,796	1,829
Other service workers.....	3,725	3,850	3,741	3,739	3,937	3,949	3,947	3,981	3,911	3,994	3,941	3,866
Farm laborers and foremen.....	1,487	1,679	1,788	1,903	2,322	3,237	3,152	2,854	2,721	2,605	2,052	1,451
Paid workers.....	911	1,067	1,093	1,187	1,843	1,811	1,894	1,656	1,736	1,661	1,292	930
Unpaid family workers.....	576	612	695	716	979	1,426	1,258	1,198	985	944	760	521
Laborers, except farm and mine.....	2,985	3,126	3,156	3,361	3,701	4,065	4,269	4,212	3,675	3,572	3,431	3,154
Construction.....	591	600	625	684	748	893	915	943	822	814	732	591
Manufacturing.....	846	968	974	1,012	1,017	1,100	1,091	1,148	1,053	1,040	983	967
Other industries.....	1,548	1,658	1,557	1,665	1,936	2,072	2,263	2,221	1,800	1,718	1,716	1,596
MALE												
All occupation groups.....	43,072	43,435	43,607	44,183	45,134	46,310	46,505	46,503	45,415	45,387	44,743	44,319
Professional, technical, and kindred workers.....	5,091	5,246	5,166	5,105	5,077	5,000	5,006	5,079	5,379	5,303	5,303	5,346
Medical and other health workers.....	580	569	591	576	553	521	501	539	585	575	628	635
Teachers, except college.....	546	563	584	535	564	417	331	365	562	569	567	539
Other professional, technical, and kindred workers.....	3,965	4,114	3,991	3,994	3,960	4,062	4,174	4,175	4,232	4,169	4,108	4,172
Farmers and farm managers.....	2,539	2,441	2,571	2,600	2,618	2,549	2,467	2,379	2,393	2,354	2,379	2,262
Managers, officials, and proprietors, except farm.....	6,336	6,331	6,405	6,276	6,377	6,305	6,322	6,282	6,151	6,246	6,097	6,188
Salaried workers.....	3,471	3,408	3,439	3,310	3,373	3,343	3,420	3,473	3,427	3,576	3,443	3,462
Self-employed workers in retail trade.....	1,290	1,307	1,323	1,334	1,318	1,305	1,243	1,232	1,199	1,142	1,151	1,171
Self-employed workers, except retail trade.....	1,575	1,616	1,643	1,632	1,686	1,657	1,659	1,577	1,525	1,528	1,503	1,555
Clerical and kindred workers.....	3,002	3,136	3,120	3,147	3,116	3,171	3,181	3,285	3,115	3,160	3,145	3,145
Stenographers, typists, and secretaries.....	80	61	77	69	71	66	78	81	67	69	80	86
Other clerical and kindred workers.....	2,922	3,075	3,043	3,078	3,045	3,105	3,103	3,204	3,048	3,091	3,065	3,059
Sales workers.....	2,619	2,619	2,634	2,642	2,635	2,680	2,608	2,654	2,639	2,667	2,580	2,780
Retail trade.....	979	1,011	1,033	1,075	997	1,023	1,046	1,056	999	1,012	985	1,100
Other sales workers.....	1,640	1,608	1,601	1,567	1,638	1,657	1,562	1,598	1,640	1,655	1,595	1,680
Craftsmen, foremen, and kindred workers.....	7,993	7,938	7,967	8,348	8,599	8,734	8,877	8,783	8,643	8,623	8,505	8,447
Carpenters.....	691	750	753	825	861	820	791	828	889	848	847	811
Construction craftsmen, except carpenters.....	1,499	1,409	1,459	1,625	1,729	1,817	1,807	1,911	1,878	1,836	1,725	1,587
Mechanics and repairmen.....	2,077	2,039	1,973	2,080	2,122	2,271	2,250	2,191	2,119	2,099	2,153	2,225
Metal craftsmen, except mechanics.....	1,022	1,044	1,027	1,029	1,020	990	1,070	1,052	1,044	1,047	1,011	1,059
Other craftsmen and kindred workers.....	1,660	1,589	1,632	1,626	1,687	1,672	1,733	1,708	1,595	1,624	1,634	1,621
Foremen, not elsewhere classified.....	1,044	1,107	1,123	1,163	1,180	1,164	1,226	1,093	1,118	1,169	1,135	1,144
Operatives and kindred workers.....	8,452	8,372	8,449	8,465	8,542	8,712	8,725	8,847	8,836	8,877	8,874	8,823
Drivers and deliverymen.....	2,284	2,221	2,239	2,225	2,271	2,250	2,230	2,363	2,371	2,445	2,409	2,419
Other operatives and kindred workers:												
Durable goods manufacturing.....	2,676	2,643	2,747	2,724	2,684	2,736	2,703	2,603	2,734	2,726	2,795	2,786
Nondurable goods manufacturing.....	1,557	1,494	1,635	1,581	1,548	1,687	1,687	1,660	1,647	1,643	1,610	1,509
Other industries.....	1,935	2,014	1,928	1,935	2,039	2,039	2,147	2,221	2,084	2,063	2,060	2,109

HOUSEHOLD DATA

Table SA-13: EMPLOYED PERSONS, BY OCCUPATION GROUP AND SEX, 1962—Continued

(Thousands of persons 14 years of age and over)

Occupation group and sex	1962											
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
MALE—Continued												
Private household workers.....	65	56	61	49	56	57	64	65	59	59	67	60
Service workers, except private household.....	2,929	3,003	2,913	2,905	2,932	3,072	3,025	3,132	2,904	2,991	3,057	3,128
Protective service workers.....	770	767	717	719	721	770	784	861	736	734	784	825
Waiters, cooks, and bartenders.....	497	503	478	486	466	509	520	509	454	462	504	509
Other service workers.....	1,662	1,733	1,718	1,700	1,745	1,793	1,721	1,762	1,714	1,795	1,769	1,794
Farm laborers and foremen.....	1,138	1,277	1,355	1,401	1,550	2,041	2,049	1,881	1,704	1,609	1,411	1,063
Paid workers.....	835	970	997	1,107	1,140	1,422	1,508	1,344	1,304	1,260	1,124	842
Unpaid family workers.....	303	307	358	294	410	619	541	537	400	349	287	221
Laborers, except farm and mine.....	2,908	3,014	3,055	3,247	3,631	3,990	4,181	4,115	3,592	3,497	3,324	3,075
Construction.....	589	595	617	681	746	890	908	940	818	810	727	590
Manufacturing.....	812	930	923	963	990	1,066	1,058	1,098	1,007	1,004	930	925
Other industries.....	1,507	1,489	1,515	1,603	1,895	2,034	2,215	2,077	1,767	1,683	1,667	1,560
FEMALE												
All occupation groups.....	21,986	22,354	22,619	22,641	23,069	23,228	23,059	23,260	23,253	23,505	23,238	23,242
Professional, technical, and kindred workers.....	2,929	3,057	3,053	2,941	2,877	2,600	2,475	2,500	2,896	2,960	3,058	3,030
Medical and other health workers.....	773	782	757	776	744	737	721	752	790	821	876	855
Teachers, except college.....	1,279	1,324	1,318	1,268	1,262	1,001	888	910	1,263	1,278	1,295	1,333
Other professional, technical, and kindred workers.....	877	951	978	907	871	862	866	838	843	861	887	842
Farmers and farm managers.....	122	130	139	137	148	158	140	126	124	153	121	92
Managers, officials, and proprietors, except farm.....	1,134	1,142	1,157	1,148	1,112	1,121	1,187	1,138	1,172	1,104	1,066	1,104
Salaried workers.....	624	624	637	604	598	594	648	605	665	625	618	645
Self-employed workers in retail trade.....	345	356	358	358	329	332	335	343	320	313	295	296
Self-employed workers, except retail trade.....	165	102	162	186	185	195	204	190	187	166	153	163
Clerical and kindred workers.....	6,697	6,777	6,973	6,948	7,013	7,051	7,005	7,244	6,958	6,963	6,925	6,981
Stenographers, typists, and secretaries.....	2,273	2,303	2,362	2,411	2,488	2,529	2,521	2,536	2,487	2,421	2,448	2,468
Other clerical and kindred workers.....	4,424	4,474	4,611	4,537	4,525	4,522	4,484	4,708	4,471	4,542	4,477	4,513
Sales workers.....	1,601	1,620	1,644	1,685	1,696	1,697	1,627	1,689	1,644	1,668	1,797	2,027
Retail trade.....	1,419	1,416	1,454	1,499	1,495	1,493	1,438	1,473	1,457	1,478	1,584	1,829
Other sales workers.....	182	204	190	186	201	204	189	216	187	190	213	198
Craftsmen, foremen, and kindred workers.....	196	211	237	239	232	197	218	224	230	243	204	248
Carpenters.....	1	2	2	7	5	6	4	4	3	3	2	2
Construction craftsmen, except carpenters.....	14	12	19	11	14	8	12	17	18	32	5	15
Mechanics and repairmen.....	15	9	7	17	11	21	11	10	13	13	8	12
Metal craftsmen, except mechanics.....	15	9	12	16	18	11	13	7	3	10	12	4
Other craftsmen and kindred workers.....	89	114	109	91	107	81	95	101	114	94	106	130
Foremen, not elsewhere classified.....	62	67	88	97	77	70	78	85	82	91	73	85
Operatives and kindred workers.....	3,162	3,221	3,181	3,290	3,372	3,413	3,383	3,527	3,514	3,518	3,487	3,456
Drivers and deliverymen.....	34	48	41	59	40	24	31	35	52	51	41	44
Other operatives and kindred workers:												
Durable goods manufacturing.....	878	867	848	899	851	913	867	915	932	966	939	894
Nondurable goods manufacturing.....	1,534	1,625	1,595	1,643	1,707	1,738	1,771	1,889	1,830	1,801	1,748	1,726
Other industries.....	666	681	697	689	774	738	714	691	700	700	759	792
Private household workers.....	2,345	2,287	2,392	2,275	2,260	2,214	2,291	2,232	2,069	2,264	2,319	2,403
Service workers, except private household.....	3,376	3,394	3,310	3,364	3,518	3,507	3,547	3,508	3,528	3,538	3,512	3,436
Protective service workers.....	36	35	38	30	37	36	31	55	43	34	48	44
Waiters, cooks, and bartenders.....	1,278	1,244	1,249	1,295	1,289	1,315	1,290	1,234	1,283	1,305	1,292	1,320
Other service workers.....	2,062	2,117	2,023	2,039	2,192	2,156	2,226	2,219	2,197	2,199	2,172	2,072
Farm laborers and foremen.....	348	403	432	504	773	1,195	1,102	973	1,017	997	641	388
Paid workers.....	76	98	96	81	204	389	385	312	432	401	168	87
Unpaid family workers.....	272	305	336	423	569	806	717	661	585	596	473	301
Laborers, except farm and mine.....	78	112	102	112	71	75	89	97	84	75	109	79
Construction.....	2	5	9	3	2	4	7	3	5	4	6	2
Manufacturing.....	35	38	51	48	27	33	33	50	46	36	54	42
Other industries.....	41	69	42	61	42	38	49	44	33	35	49	35

Table SA-14: EMPLOYED PERSONS, BY OCCUPATION GROUP AND SEX, 1959-62

[Thousands of persons 14 years of age and over]

Occupation group	Both sexes				Male				Female			
	1962	1961	1960	1959	1962	1961	1960	1959	1962	1961	1960	1959
All occupation groups.....	67,846	66,796	66,681	65,581	44,892	44,318	44,485	44,089	22,954	22,478	22,196	21,492
Professional, technical, and kindred workers.....	8,040	7,705	7,475	7,143	5,175	4,955	4,768	4,583	2,865	2,750	2,706	2,560
Medical and other health workers.....	1,353	1,328	1,299	1,240	571	589	553	522	732	738	745	718
Teachers, except college.....	1,713	1,642	1,620	1,500	512	474	455	396	1,201	1,168	1,164	1,104
Other professional, technical, and kindred workers.....	4,974	4,735	4,556	4,404	4,092	3,892	3,759	3,666	882	843	796	738
Farmers and farm managers.....	2,595	2,711	2,780	3,019	2,463	2,581	2,670	2,899	132	130	111	119
Managers, officials, and proprietors, except farm.....	7,408	7,119	7,067	6,935	6,276	6,008	5,967	5,858	1,132	1,116	1,099	1,077
Salaried workers.....	4,063	3,760	3,624	3,416	3,429	3,176	2,996	2,906	624	674	528	510
Self-employed workers in retail trade.....	1,583	1,664	1,767	1,786	1,251	1,297	1,386	1,368	332	366	351	368
Self-employed workers, except retail trade.....	1,773	1,705	1,776	1,783	1,596	1,530	1,585	1,584	177	175	191	199
Clerical and kindred workers.....	10,107	9,861	9,783	9,326	3,144	3,120	3,154	2,994	6,963	6,741	6,629	6,332
Stenographers, typists, and secretaries.....	2,511	2,405	2,386	2,320	74	71	66	72	2,437	2,334	2,319	2,248
Other clerical and kindred workers.....	7,596	7,456	7,397	7,006	3,070	3,049	3,088	2,922	4,526	4,407	4,310	4,084
Sales workers.....	4,346	4,439	4,401	4,394	2,646	2,737	2,707	2,719	1,699	1,702	1,695	1,675
Retail trade.....	2,529	2,586	2,591	2,579	1,026	1,098	1,096	1,094	1,503	1,488	1,495	1,485
Other sales workers.....	1,817	1,853	1,810	1,815	1,620	1,639	1,611	1,625	197	214	200	190
Craftsmen, foremen, and kindred workers.....	8,678	8,623	8,560	8,561	8,455	8,407	8,338	8,349	223	216	222	212
Carpenters.....	812	815	832	846	810	814	830	844	3	2	1	1
Construction craftsmen, except carpenters.....	1,705	1,691	1,722	1,726	1,690	1,679	1,708	1,714	15	11	14	12
Mechanics and repairmen.....	2,145	2,122	2,017	2,047	2,133	2,110	2,003	2,032	12	12	14	15
Metal craftsmen, except mechanics.....	1,046	1,021	1,090	1,082	1,034	1,014	1,082	1,072	11	5	8	10
Other craftsmen and kindred workers.....	1,751	1,825	1,762	1,738	1,648	1,719	1,653	1,649	103	109	109	89
Foremen, not elsewhere classified.....	1,218	1,149	1,137	1,122	1,139	1,072	1,062	1,037	79	77	74	85
Operatives and kindred workers.....	12,041	11,762	11,986	11,868	8,664	8,441	8,652	8,598	3,377	3,322	3,333	3,260
Drivers and deliverymen.....	2,352	2,351	2,375	2,378	2,311	2,313	2,344	2,351	42	37	31	28
Other operatives and kindred workers:												
Durable goods manufacturing.....	3,611	3,356	3,477	3,484	2,714	2,521	2,610	2,628	897	835	802	856
Nondurable goods manufacturing.....	3,314	3,314	3,344	3,215	1,593	1,589	1,596	1,543	1,721	1,725	1,748	1,672
Other industries.....	2,764	2,741	2,780	2,780	2,048	2,018	2,097	2,076	717	724	693	704
Private household workers.....	2,341	2,317	2,216	2,197	60	62	45	49	2,281	2,255	2,171	2,147
Service workers, except private household.....	6,461	6,323	6,133	5,843	2,999	2,930	2,873	2,763	3,462	3,393	3,260	3,080
Protective service workers.....	805	775	766	760	766	743	735	727	39	32	31	33
Waiters, cooks, and bartenders.....	1,774	1,715	1,676	1,631	491	491	478	465	1,283	1,224	1,198	1,166
Other service workers.....	3,882	3,833	3,690	3,451	1,742	1,696	1,660	1,571	2,140	2,136	2,030	1,881
Farm laborers and foremen.....	2,271	2,459	2,615	2,563	1,540	1,685	1,728	1,633	731	774	887	930
Paid workers.....	1,382	1,489	1,572	1,454	1,154	1,246	1,299	1,186	227	243	273	268
Unpaid family workers.....	889	970	1,043	1,109	385	439	429	447	504	531	614	661
Laborers, except farm and mine.....	3,559	3,477	3,665	3,743	3,469	3,397	3,583	3,642	90	80	82	101
Construction.....	747	750	797	747	742	747	795	836	4	2	3	2
Manufacturing.....	1,017	986	1,137	1,178	975	949	1,094	1,120	41	37	44	58
Other industries.....	1,796	1,741	1,730	1,727	1,701	1,700	1,686	1,686	45	41	36	41

HOUSEHOLD DATA

Table SA-15: EMPLOYED PERSONS, BY OCCUPATION GROUP, COLOR, AND SEX, 1962

[Percent distribution]

Occupation group	White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female
All occupation groups: Number (thousands).....	60,749	40,672	20,077	7,097	4,220	2,878
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0
Professional, technical, and kindred workers.....	12.6	12.3	13.3	5.3	4.3	6.6
Medical and other health workers.....	2.1	1.3	3.7	1.0	.8	1.4
Teachers, except college.....	2.6	1.2	5.5	1.9	.8	3.6
Other professional, technical, and kindred workers.....	7.9	9.8	4.2	2.3	2.8	1.6
Farmers and farm managers.....	4.0	5.6	.6	2.7	4.2	.6
Managers, officials, and proprietors, except farm.....	11.9	15.1	5.4	2.6	3.4	1.6
Salaried workers.....	6.5	8.3	3.0	1.1	1.4	.6
Self-employed workers in retail trade.....	2.5	3.0	1.5	.8	.9	.7
Self-employed workers, except retail trade.....	2.8	3.8	.8	.7	1.1	.2
Clerical and kindred workers.....	15.8	7.2	33.3	7.2	5.5	9.8
Stenographers, typists, and secretaries.....	4.0	.2	11.7	1.3	.1	3.2
Other clerical and kindred workers.....	11.8	7.0	21.6	5.9	5.4	6.6
Sales workers.....	7.0	6.3	8.2	1.6	1.5	1.7
Retail trade.....	4.0	2.4	7.3	1.1	.8	1.6
Other sales workers.....	2.9	3.9	1.0	.5	.8	.2
Craftsman, foremen, and kindred workers.....	13.6	19.8	1.0	6.0	9.7	.6
Carpenters.....	1.3	1.9	(1)	.6	1.0	
Construction craftsmen, except carpenters.....	2.6	3.9	.1	1.6	2.6	(1)
Mechanics and repairmen.....	3.3	4.9	.1	1.9	3.2	
Metal craftsmen, except mechanics.....	1.7	2.5	(1)	.5	.8	.1
Other craftsmen and kindred workers.....	2.8	3.9	.5	1.1	1.6	.3
Foremen, not elsewhere classified.....	2.0	2.7	.4	.4	.5	.2
Operatives and kindred workers.....	17.5	18.8	14.8	19.9	24.0	13.8
Drivers and deliverymen.....	3.4	4.9	.2	4.3	7.1	.1
Other operatives and kindred workers:						
Durable goods manufacturing.....	5.4	6.0	4.1	5.1	6.8	2.5
Nondurable goods manufacturing.....	5.0	3.5	7.8	4.3	3.7	5.1
Other industries.....	3.8	4.4	2.7	6.3	6.4	6.1
Private household workers.....	2.1	.1	6.3	14.7	.5	35.4
Service workers, except private household.....	8.5	5.8	14.1	18.1	15.4	22.1
Protective service workers.....	1.3	1.8	.2	.5	.8	.2
Waiters, cooks, and bartenders.....	2.5	.9	5.7	3.6	2.5	5.1
Other service workers.....	4.8	3.0	8.2	14.0	12.1	16.9
Farm laborers and foremen.....	2.8	2.8	2.6	8.3	9.1	7.0
Paid workers.....	1.5	2.1	.5	6.3	7.6	4.3
Unpaid family workers.....	1.2	.8	2.1	2.0	1.5	2.7
Laborers, except farm and mine.....	4.3	6.2	.3	13.6	22.2	.8
Construction.....	.9	1.3	(1)	3.2	5.3	.1
Manufacturing.....	1.2	1.8	.2	3.7	6.1	.2
Other industries.....	2.2	3.2	.1	6.7	10.8	.6

1 Less than 0.05 percent.

Table SA-16: EMPLOYED PERSONS, BY MAJOR OCCUPATION GROUP, AGE, AND SEX, 1962

[Percent distribution]

Age and sex	All occupation groups	Professional, technical, and kindred workers	Farmers and farm managers	Managers, officials, and proprietors, except farm	Clerical and kindred workers	Sales workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Private household workers	Service workers, except private household	Farm laborers and foremen	Laborers, except farm and mine
Both sexes:												
Number (thousands).....	67,846	8,040	2,595	7,408	10,107	4,346	8,678	12,041	2,341	6,461	2,271	3,559
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Male, 14 years and over.....	66.2	64.4	94.9	84.7	31.1	60.9	97.4	71.9	2.6	46.4	67.8	97.4
14 to 19 years.....	4.5	.8	.8	.4	2.4	9.2	1.6	5.0	1.0	5.2	24.4	18.8
20 to 24 years.....	5.7	5.3	2.9	2.5	4.3	5.1	6.5	8.9	.2	4.3	8.5	12.7
25 to 34 years.....	14.0	20.0	10.8	13.7	6.9	12.2	21.7	17.3	.2	7.7	9.9	18.1
35 to 44 years.....	15.8	18.0	19.2	23.6	7.0	13.9	27.0	17.0	.1	8.2	7.8	17.2
45 to 54 years.....	13.8	10.7	23.6	23.4	5.7	10.7	23.2	14.2	.4	9.2	8.1	16.3
55 to 64 years.....	9.2	7.1	21.5	15.7	3.7	6.5	14.6	8.1	.5	8.3	6.1	10.9
65 years and over.....	3.1	2.4	16.1	5.5	1.2	3.3	2.9	1.5	.2	3.6	3.0	3.3
Female, 14 years and over.....	33.8	35.6	5.1	15.3	68.9	39.1	2.6	28.1	97.4	53.6	32.2	2.6
14 to 19 years.....	3.3	.7	.1	.1	7.6	4.8	.1	1.3	25.0	5.2	4.8	.4
20 to 24 years.....	3.8	4.8	(¹)	.4	12.0	2.3	.2	2.6	5.6	4.8	1.9	.3
25 to 34 years.....	5.7	7.4	.5	1.6	12.6	4.6	.4	5.4	9.7	9.2	5.1	.3
35 to 44 years.....	7.6	7.7	.7	3.8	15.8	9.0	.8	7.7	14.6	12.1	6.9	.5
45 to 54 years.....	7.6	8.7	1.3	4.9	13.1	10.6	.7	6.7	17.9	12.5	7.1	.6
55 to 64 years.....	4.5	5.2	1.3	3.4	6.6	6.2	.4	3.6	15.9	7.4	5.1	.3
65 years and over.....	1.3	1.1	1.0	1.2	1.2	1.7	.1	.7	8.8	2.3	1.2	.1

¹ Less than 0.05 percent.

Table SA-17: EMPLOYED PERSONS, BY MAJOR OCCUPATION GROUP AND INDUSTRY GROUP, 1962

[Percent distribution]

Industry group	All occupation groups	Professional, technical, and kindred workers	Farmers and farm managers	Managers, officials, and proprietors, except farm	Clerical and kindred workers	Sales workers	Craftsmen, foremen, and kindred workers	Operatives and kindred workers	Private household workers	Service workers, except private household	Farm laborers and foremen	Laborers, except farm and mine
Agriculture.....	100.0	0.7	50.0	0.7	0.7	0.2	0.8	1.5	-----	0.2	43.8	1.5
Forestry, fisheries, and mining.....	100.0	10.6	-----	8.1	8.8	3	20.7	42.1	-----	1.3	-----	7.9
Construction.....	100.0	4.4	-----	13.2	5.3	2	49.7	9.2	-----	.5	-----	17.4
Manufacturing.....	100.0	9.2	-----	6.6	12.4	3.7	18.3	42.4	-----	1.8	-----	5.8
Durable goods.....	100.0	11.4	-----	6.0	12.7	1.9	21.2	38.4	-----	1.9	-----	6.6
Nondurable goods.....	100.0	6.4	-----	7.2	12.0	5.9	14.5	47.4	-----	1.7	-----	4.8
Transportation and public utilities.....	100.0	5.6	-----	8.6	24.6	.7	21.9	26.4	-----	2.8	-----	9.5
Railroads and railway express.....	100.0	2.8	-----	9.1	20.2	.1	29.9	21.9	-----	3.8	-----	12.3
Other transportation.....	100.0	2.5	-----	9.2	16.3	.6	11.2	47.3	-----	3.2	-----	9.8
Communication and other public utilities.....	100.0	10.1	-----	7.6	34.7	1.1	28.4	8.5	-----	1.9	-----	7.7
Wholesale and retail trade.....	100.0	2.0	-----	23.9	13.9	23.1	6.8	12.2	-----	13.8	-----	4.4
Wholesale.....	100.0	2.2	-----	23.7	21.6	18.7	6.2	19.9	-----	9	-----	6.8
Retail.....	100.0	1.9	-----	23.9	12.1	24.1	7.0	10.4	-----	16.9	-----	3.8
Service and finance.....	100.0	26.6	-----	9.2	17.2	3.4	5.0	4.9	12.3	18.6	-----	2.8
Finance, insurance, and real estate.....	100.0	3.6	-----	22.4	45.3	18.3	2.3	.5	-----	5.7	-----	2.0
Business and repair.....	100.0	8.0	-----	22.9	18.0	2.4	26.7	11.9	-----	5.6	-----	4.6
Private households.....	100.0	.1	-----	.1	.3	(¹)	.1	.6	86.8	2.1	-----	9.8
Personal services, except private household.....	100.0	5.4	-----	11.5	7.9	.8	4.2	20.4	-----	48.8	-----	.9
Entertainment.....	100.0	20.3	-----	15.3	12.6	1.9	7.4	3.7	-----	33.3	-----	5.5
Educational services.....	100.0	66.7	-----	2.5	11.0	.2	3.0	1.2	-----	14.4	-----	1.0
Other professional services.....	100.0	44.8	-----	3.7	19.0	.2	2.6	2.4	-----	26.9	-----	.6
Public administration.....	100.0	15.8	-----	10.3	39.9	.1	9.0	2.9	-----	18.3	-----	3.7

¹ Less than 0.05 percent.

HOUSEHOLD DATA

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Table SA-18: EMPLOYED PERSONS, BY INDUSTRY GROUP, AGE, AND SEX, 1962

[Percent distribution]

Industry group	Both Sexes	All age groups	14 to 19 years	20 to 24 years	25 to 34 years	35 to 44 years	45 to 54 years	55 to 64 years	65 years and over
Male									
Forestry, fisheries, and mining.....	100.0	92.7	2.2	6.4	20.5	24.1	23.7	13.8	1.9
Construction.....	100.0	95.4	3.6	8.7	21.6	25.1	20.4	13.1	2.9
Manufacturing.....	100.0	74.8	3.6	7.1	17.6	19.5	16.1	9.4	1.7
Durable goods.....	100.0	82.0	2.4	7.6	10.9	22.0	18.0	10.5	1.6
Nondurable goods.....	100.0	65.7	5.0	6.4	14.7	16.2	13.8	7.9	1.7
Transportation and public utilities.....	100.0	82.5	1.6	5.5	19.1	22.5	18.2	13.5	2.1
Railroads and railway express.....	100.0	95.1	1.8	3.9	11.8	22.5	26.7	26.5	3.0
Other transportation.....	100.0	88.9	2.3	6.6	22.2	25.2	19.8	10.7	2.0
Communication and other public utilities.....	100.0	70.3	1.3	5.3	19.4	19.8	13.0	10.1	1.4
Wholesale and retail trade.....	100.0	62.4	7.6	6.7	11.9	13.3	12.1	7.9	2.9
Wholesale.....	100.0	80.0	3.0	6.9	17.1	21.7	17.6	10.4	3.4
Retail.....	100.0	58.2	8.7	6.7	10.6	11.3	10.7	7.3	2.8
Service and finance.....	100.0	43.7	3.1	3.6	9.4	9.5	8.4	6.6	3.3
Finance, insurance, and real estate.....	100.0	54.5	1.5	3.8	12.1	12.1	10.6	9.3	5.2
Business and repair.....	100.0	79.1	5.0	7.5	18.7	18.8	15.5	9.8	3.9
Private households.....	100.0	12.7	6.5	.5	.6	.8	1.3	1.4	1.6
Personal services, except private households.....	100.0	42.2	2.6	3.7	7.1	7.2	9.6	8.1	3.9
Entertainment.....	100.0	69.2	15.9	7.4	9.5	10.6	11.1	9.7	5.0
Educational services.....	100.0	38.1	1.5	4.3	10.3	8.3	7.4	5.3	1.1
Other professional services.....	100.0	42.2	1.2	2.8	9.5	10.5	8.0	6.3	3.9
Public administration.....	100.0	72.9	.8	3.7	15.9	22.4	17.7	9.3	3.1
Female									
Forestry, fisheries, and mining.....		7.3	0.1	1.2	1.9	1.8	1.5	0.7	
Construction.....		4.6	.2	.4	.8	1.3	1.1	.7	0.1
Manufacturing.....		25.2	1.5	3.2	4.9	6.7	5.8	2.7	.4
Durable goods.....		18.0	1.0	2.5	3.8	5.0	3.9	1.6	.2
Nondurable goods.....		34.3	2.1	4.0	6.4	8.9	8.1	4.2	.7
Transportation and public utilities.....		17.5	1.7	3.3	3.9	3.8	2.8	1.8	.2
Railroads and railway express.....		4.9	.1	.3	.7	1.6	1.0	1.0	.2
Other transportation.....		11.1	.9	2.0	2.6	2.5	1.9	1.1	.3
Communication and other public utilities.....		29.7	3.2	6.1	6.7	6.1	4.4	2.9	.3
Wholesale and retail trade.....		37.6	4.2	3.3	5.8	9.3	8.8	4.9	1.8
Wholesale.....		20.0	1.4	2.7	3.4	5.6	4.0	2.2	.6
Retail.....		41.8	4.9	3.4	6.4	10.2	9.9	5.5	1.4
Service and finance.....		56.3	6.3	6.5	8.9	11.2	12.4	8.2	2.9
Finance, insurance, and real estate.....		43.5	6.3	8.7	7.7	8.7	8.1	4.7	1.3
Business and repair.....		20.9	1.6	3.0	3.9	5.0	4.8	2.0	.7
Private households.....		57.3	21.9	5.0	8.6	13.0	16.3	14.3	8.2
Personal services, except private households.....		57.8	4.0	5.1	10.6	12.9	13.3	8.8	3.2
Entertainment.....		30.8	6.0	2.9	4.5	6.9	6.0	3.4	1.1
Educational services.....		61.9	2.4	7.1	10.5	13.0	16.7	10.5	1.9
Other professional services.....		57.8	3.7	8.0	10.2	12.5	13.2	7.9	2.4
Public administration.....		27.1	1.2	2.8	4.4	6.8	7.1	4.1	.7

Table SA-19: PERSONS AT WORK, BY TYPE OF INDUSTRY AND HOURS WORKED DURING THE SURVEY WEEK, 1959-62

[Thousands of persons 14 years of age and over]

Period and type of industry	Hours worked during survey week							Full-time schedules ¹	Worked part time during survey week			
	Total	1 to 14 hours	15 to 34 hours	35 to 40 hours	41 to 47 hours	48 hours or more	Average hours		Economic reasons			Other reasons
									Total	Usually work full time	Usually work part time	
ALL INDUSTRIES												
1959.....	62,421	3,614	9,886	28,608	4,795	15,517	40.5	53,137	2,640	1,154	1,486	6,844
1960.....	63,449	3,723	9,528	29,549	4,806	15,844	40.5	53,745	2,860	1,366	1,494	6,845
1961.....	63,651	4,086	8,767	29,846	4,964	15,987	40.5	53,387	3,142	1,429	1,713	7,121
1962.....	64,565	4,206	9,079	29,600	5,092	16,587	40.5	54,377	2,661	1,181	1,480	7,527
1962: January.....	62,377	4,745	9,075	28,962	4,913	14,683	39.5	52,964	2,358	1,115	1,243	7,066
February ²	63,218	4,468	9,513	28,909	4,879	15,448	39.9	52,926	2,555	1,162	1,393	7,735
March.....	64,186	4,346	8,422	30,285	5,121	16,013	40.2	53,722	2,629	1,234	1,395	7,835
April.....	64,830	4,269	8,328	30,858	5,199	16,176	40.4	54,478	2,445	1,129	1,316	7,906
May.....	66,171	4,300	8,357	30,923	5,224	17,368	40.9	55,108	2,543	1,187	1,356	8,521
June.....	65,669	3,811	8,273	30,505	5,253	17,829	41.4	55,730	3,068	1,181	1,887	6,873
July.....	62,088	3,633	7,813	28,523	5,097	17,022	41.4	52,524	3,179	1,146	2,033	6,385
August.....	62,923	3,626	8,133	29,598	4,689	16,877	41.3	53,519	3,096	1,273	1,823	6,307
September.....	65,887	3,937	8,575	30,603	5,385	17,388	40.9	55,758	2,529	1,200	1,329	7,600
October ²	66,630	4,237	10,658	29,338	5,168	17,229	40.4	56,037	2,460	1,113	1,347	8,134
November.....	65,804	4,472	12,964	27,074	5,062	16,235	39.6	55,111	2,650	1,255	1,365	8,043
December.....	65,001	4,633	8,839	29,623	5,123	16,783	40.2	54,653	2,416	1,141	1,275	7,931
NONAGRICULTURAL INDUSTRIES												
1959.....	56,770	3,172	8,531	27,723	4,478	12,867	40.0	48,865	2,336	1,032	1,304	5,569
1960.....	57,916	3,279	8,249	28,724	4,471	13,193	40.0	49,542	2,560	1,243	1,317	5,815
1961.....	58,388	3,610	7,522	29,047	4,664	13,546	40.1	49,427	2,813	1,297	1,516	6,148
1962.....	59,553	3,753	7,922	28,853	4,818	14,207	40.1	50,619	2,336	1,049	1,287	6,597
1962: January.....	58,255	4,125	8,003	28,335	4,697	13,095	39.4	49,750	2,095	986	1,109	6,410
February ²	58,883	4,012	8,452	28,161	4,601	13,656	39.7	49,723	2,189	967	1,232	6,970
March.....	59,605	3,915	7,304	29,526	4,848	14,012	39.9	50,250	2,336	1,110	1,226	7,020
April.....	60,041	2,794	7,213	30,172	4,940	13,923	40.0	50,807	2,221	1,050	1,171	7,013
May.....	60,832	3,012	7,209	30,229	4,959	14,523	40.2	51,132	2,295	1,111	1,184	7,405
June.....	59,500	3,365	6,927	29,603	4,938	14,668	40.7	51,054	2,630	1,041	1,589	5,818
July.....	56,156	3,185	6,598	27,656	4,776	13,940	40.7	48,116	2,674	962	1,712	5,366
August.....	57,335	3,222	6,849	28,812	4,440	14,012	40.7	49,395	2,625	1,088	1,537	5,314
September.....	60,423	3,475	7,265	29,801	5,085	14,798	40.6	51,734	2,245	1,089	1,152	6,445
October ²	61,285	3,811	9,426	28,587	4,874	14,586	39.9	52,090	2,185	1,023	1,162	7,069
November.....	61,075	4,074	11,894	28,308	4,756	14,043	39.2	51,562	2,379	1,168	1,211	7,134
December.....	61,251	4,143	7,932	29,052	4,899	15,224	40.1	51,820	2,166	1,001	1,165	7,266
AGRICULTURE												
1959.....	5,650	442	1,356	885	317	2,650	45.2	4,272	304	122	182	1,075
1960.....	5,534	444	1,279	826	334	2,651	45.5	4,203	300	123	177	1,030
1961.....	5,262	477	1,245	799	300	2,441	44.8	3,960	329	132	197	973
1962.....	5,012	454	1,157	746	276	2,380	45.4	3,758	325	132	193	930
1962: January.....	4,121	621	1,071	626	216	1,587	40.2	3,212	263	129	134	647
February ²	4,335	456	1,061	747	279	1,791	42.6	3,202	367	206	161	765
March.....	4,581	432	1,118	759	272	2,001	43.8	3,472	295	125	170	815
April.....	4,789	475	1,116	685	260	2,251	45.2	3,670	224	79	146	894
May.....	5,338	388	1,149	693	266	2,842	48.7	3,973	248	76	172	1,117
June.....	6,169	440	1,340	902	316	3,159	47.9	4,075	438	139	209	1,056
July.....	5,981	447	1,215	807	320	3,083	47.3	4,408	505	184	321	1,019
August.....	5,588	404	1,285	786	249	2,865	47.4	4,124	472	186	286	993
September.....	5,464	462	1,310	803	300	2,590	45.1	4,025	284	107	177	1,156
October ²	5,346	426	1,232	751	283	2,644	45.9	3,947	275	90	186	1,125
November.....	4,730	398	1,069	767	306	2,189	45.0	3,549	271	117	154	909
December.....	3,750	490	907	571	224	1,537	42.2	2,833	250	140	110	665

¹ Includes those who actually worked 35 hours or more during the survey week and those who usually worked full time but worked 1-34 hours during the survey week because of noneconomic reasons (bad weather, illness, holidays, etc.).

² Holidays in the survey week in February (Lincoln's Birthday) and October (Columbus Day) affected the distribution between full-time and part-time workers, and average hours for all industries and for nonagricultural industries. See table 23 for estimates of the number of persons temporarily working fewer than 35 hours because of holidays.

HOUSEHOLD DATA

Table SA-20: PERSONS AT WORK, BY TYPE OF INDUSTRY, CLASS OF WORKER, AND HOURS WORKED DURING THE SURVEY WEEK, 1959-62

Period, type of industry, and class of worker	Number (thousands)	Percent distribution by hours worked during survey week							Average hours
		Total	1 to 14 hours	15 to 34 hours	35 to 40 hours	41 to 48 hours	49 to 59 hours	60 hours or more	
NONAGRICULTURAL INDUSTRIES									
<i>Wage and salary workers</i>									
1959.....	50,230	100.0	5.5	15.1	52.4	15.0	6.9	5.2	39.1
1960.....	51,324	100.0	5.5	14.3	53.2	14.4	7.3	5.3	39.2
1961.....	51,702	100.0	6.0	12.6	53.4	14.7	7.8	5.4	39.3
1962.....	53,028	100.0	6.1	13.2	51.8	15.0	8.1	5.7	39.3
1962: January.....	51,910	100.0	7.0	13.6	52.0	14.6	7.7	5.1	38.6
February ¹	52,218	100.0	6.6	14.3	51.2	14.7	7.7	5.6	38.9
March.....	52,973	100.0	6.4	11.9	53.1	15.2	7.8	5.5	39.2
April.....	53,225	100.0	6.2	11.7	54.0	15.2	7.7	5.3	39.2
May.....	53,942	100.0	6.4	11.6	53.4	15.0	8.2	5.6	39.4
June.....	52,827	100.0	5.5	11.5	53.4	15.5	8.3	5.9	39.9
July.....	49,656	100.0	5.5	11.6	52.8	15.9	8.2	6.0	39.9
August.....	50,960	100.0	5.4	11.7	53.9	14.8	8.3	5.9	39.8
September.....	53,802	100.0	5.6	11.9	52.7	15.4	8.5	6.0	39.8
October ¹	54,959	100.0	6.1	15.5	49.6	14.7	8.5	5.7	39.2
November.....	54,729	100.0	6.5	20.0	45.7	14.4	8.0	5.6	38.5
December.....	55,034	100.0	6.6	12.9	50.4	15.3	8.4	6.4	39.4
<i>Self-employed workers</i>									
1959.....	5,944	100.0	7.3	11.9	21.7	15.3	15.5	28.3	47.3
1960.....	5,977	100.0	7.7	11.5	20.9	15.3	15.2	29.4	47.4
1961.....	6,026	100.0	8.1	12.1	21.1	14.6	15.0	29.0	47.0
1962.....	5,904	100.0	8.4	11.8	20.9	14.7	15.2	29.2	47.0
1962: January.....	5,760	100.0	8.2	12.0	21.3	15.8	14.6	28.1	46.6
February ¹	6,102	100.0	9.1	12.7	20.9	14.4	14.5	28.3	46.2
March.....	5,987	100.0	8.9	12.6	20.5	14.5	14.8	28.5	46.2
April.....	6,168	100.0	8.3	11.8	20.9	14.7	16.2	27.9	46.8
May.....	6,195	100.0	7.8	11.9	21.1	14.8	15.1	29.3	47.3
June.....	6,008	100.0	8.1	11.1	20.5	15.7	15.3	29.3	47.7
July.....	5,790	100.0	8.0	10.5	21.3	14.7	14.4	31.0	47.9
August.....	5,746	100.0	8.0	11.0	21.1	14.3	14.9	30.8	48.1
September.....	5,929	100.0	8.1	10.5	21.7	14.4	15.4	29.8	47.6
October ¹	5,769	100.0	7.8	12.3	21.0	13.7	16.3	29.0	47.1
November.....	5,758	100.0	9.2	13.3	20.0	13.3	16.3	27.9	46.0
December.....	5,630	100.0	8.9	11.1	20.5	14.8	15.1	29.6	47.0
<i>Unpaid family workers</i>									
1959.....	596	100.0	-----	39.0	22.3	11.8	8.7	18.2	39.6
1960.....	615	100.0	-----	38.5	23.5	11.9	8.3	17.9	40.5
1961.....	660	100.0	-----	41.7	22.7	11.2	8.1	16.3	39.4
1962.....	622	100.0	-----	38.2	22.6	13.1	8.9	17.3	40.5
1962: January.....	577	100.0	-----	42.1	22.8	10.7	8.2	16.2	39.4
February ¹	562	100.0	-----	44.1	22.9	11.1	6.9	14.9	38.2
March.....	645	100.0	-----	37.6	24.3	13.7	8.9	15.6	40.0
April.....	648	100.0	-----	41.1	20.6	13.9	8.2	16.1	39.8
May.....	694	100.0	-----	38.1	21.0	13.2	7.1	20.7	40.5
June.....	665	100.0	-----	35.2	22.1	11.9	9.6	21.2	42.9
July.....	711	100.0	-----	29.4	25.7	13.8	10.1	21.0	43.3
August.....	629	100.0	-----	38.6	20.3	16.0	9.5	15.5	40.1
September.....	603	100.0	-----	36.5	21.8	16.2	9.5	15.9	40.7
October ¹	557	100.0	-----	38.4	23.0	12.0	10.3	16.3	40.1
November.....	587	100.0	-----	38.9	22.6	13.7	10.1	14.7	39.5
December.....	587	100.0	-----	39.7	23.9	10.1	9.1	17.3	40.3

¹ See footnote 2, table SA-19.

Table SA-20: PERSONS AT WORK, BY TYPE OF INDUSTRY, CLASS OF WORKER, AND HOURS WORKED DURING THE SURVEY WEEK, 1959-62—Continued

Period, type of industry, and class of worker	Number (thousands)	Percent distribution by hours worked during survey week						Average hours	
		Total	1 to 14 hours	15 to 34 hours	35 to 40 hours	41 to 48 hours	49 to 59 hours		60 hours or more
AGRICULTURE									
<i>Wage and salary workers</i>									
1959.....	1,650	100.0	13.4	24.2	18.6	11.9	13.7	18.3	39.5
1960.....	1,824	100.0	11.8	23.0	17.0	13.0	13.4	21.8	41.1
1961.....	1,683	100.0	13.3	22.5	17.4	12.3	13.8	20.8	40.6
1962.....	1,622	100.0	13.3	22.4	17.5	12.5	14.1	20.1	40.5
1962: January.....	1,092	100.0	15.6	22.2	17.9	12.7	18.1	13.6	38.5
February ¹	1,265	100.0	12.6	22.9	18.3	13.4	14.1	18.6	40.2
March.....	1,329	100.0	12.8	22.5	18.6	11.2	15.0	19.7	40.8
April.....	1,424	100.0	15.0	18.5	17.1	10.8	12.8	25.8	41.7
May.....	1,613	100.0	12.5	19.9	14.2	11.6	13.5	23.2	43.1
June.....	2,082	100.0	12.8	24.9	15.9	12.9	11.5	22.0	40.4
July.....	2,109	100.0	11.6	21.5	16.4	14.1	14.8	21.7	41.9
August.....	1,940	100.0	10.9	25.1	17.6	10.6	15.8	19.9	41.4
September.....	2,006	100.0	14.4	23.8	19.7	13.6	10.7	17.9	38.9
October ¹	1,964	100.0	12.7	25.5	18.0	12.5	15.1	16.2	39.5
November.....	1,567	100.0	13.7	20.8	18.8	14.0	16.4	16.2	39.7
December.....	1,076	100.0	18.2	18.8	19.8	12.2	12.6	18.2	38.9
<i>Self-employed workers</i>									
1959.....	2,879	100.0	7.7	13.4	13.2	10.7	12.3	42.6	51.7
1960.....	2,655	100.0	8.6	13.3	12.4	9.2	13.1	43.5	51.7
1961.....	2,594	100.0	9.8	14.4	13.0	9.3	12.6	40.9	50.4
1962.....	2,485	100.0	9.6	14.4	12.2	8.3	11.7	44.0	51.4
1962: January.....	2,449	100.0	18.4	20.2	13.2	8.3	10.3	29.8	42.7
February ¹	2,435	100.0	12.2	16.8	16.5	9.5	12.3	32.7	46.0
March.....	2,533	100.0	10.3	16.2	14.8	9.9	12.3	36.4	48.2
April.....	2,634	100.0	9.9	15.4	12.5	8.3	10.3	43.6	50.5
May.....	2,728	100.0	6.8	11.3	10.6	7.0	9.7	54.7	56.5
June.....	2,647	100.0	6.8	11.4	10.0	6.8	10.3	54.7	57.0
July.....	2,553	100.0	7.9	11.4	11.0	7.8	11.8	50.1	54.7
August.....	2,429	100.0	7.9	13.9	9.8	7.1	11.9	49.4	54.6
September.....	2,462	100.0	7.1	13.6	10.6	7.8	12.4	48.6	53.1
October ¹	2,422	100.0	7.3	10.8	10.2	8.4	14.4	48.8	54.5
November.....	2,389	100.0	7.7	14.4	14.6	9.4	11.4	42.5	51.0
December.....	2,136	100.0	13.7	17.7	13.0	9.5	13.0	32.8	46.0
<i>Unpaid family workers</i>									
1959.....	1,121	100.0	-----	50.8	17.6	9.0	8.4	14.2	36.6
1960.....	1,054	100.0	-----	48.1	17.7	9.1	10.7	14.3	37.4
1961.....	985	100.0	-----	50.2	17.3	8.9	8.7	14.9	37.3
1962.....	905	100.0	-----	48.1	17.4	8.1	10.6	15.7	37.9
1962: January.....	580	100.0	-----	57.9	18.7	6.5	6.1	10.7	33.4
February ¹	636	100.0	-----	57.1	17.8	6.3	8.0	10.8	34.0
March.....	720	100.0	-----	56.5	18.7	7.5	6.1	11.2	34.0
April.....	731	100.0	-----	61.2	15.7	5.9	6.3	10.8	33.1
May.....	997	100.0	-----	52.1	17.6	8.0	8.6	13.7	36.4
June.....	1,440	100.0	-----	36.6	21.2	8.3	12.8	20.9	42.1
July.....	1,270	100.0	-----	37.2	18.9	9.8	13.4	20.6	41.6
August.....	1,218	100.0	-----	37.9	17.0	8.3	12.5	24.3	42.7
September.....	996	100.0	-----	49.8	14.7	8.2	12.5	14.7	37.6
October ¹	959	100.0	-----	48.9	15.4	10.9	12.8	12.2	37.2
November.....	775	100.0	-----	51.6	15.8	7.9	11.2	13.5	37.0
December.....	537	100.0	-----	60.5	14.5	7.0	9.0	9.0	33.7

¹ See footnote 2, table SA-19.

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Table SA-21: WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES, BY MAJOR INDUSTRY GROUP AND FULL-TIME OR PART-TIME STATUS DURING THE SURVEY WEEK, 1959-62

[Percent distribution]

Period and major industry group	Total	1 to 34 hours				35 to 39 hours	40 hours	41 hours or more	
		Total	Usually work full time		Usually work part time				
			Part time for economic reasons	Part time for other reasons	For economic reasons				For other reasons
NONAGRICULTURAL INDUSTRIES, TOTAL									
1959.....	100.0	20.6	1.9	7.0	2.4	9.3	6.1	46.2	27.1
1960.....	100.0	19.8	2.2	5.7	2.4	9.5	6.4	46.8	27.0
1961.....	100.0	18.6	2.2	3.7	2.7	10.0	6.6	46.8	27.9
1962.....	100.0	19.3	1.8	4.7	2.2	10.6	6.3	45.5	28.8
1962: January.....	100.0	20.6	1.7	6.3	1.9	10.7	6.5	45.5	27.4
February ¹	100.0	20.9	1.6	5.8	2.1	11.4	5.6	45.6	28.0
March.....	100.0	18.3	1.8	3.1	2.1	11.2	6.5	46.6	28.6
April.....	100.0	17.9	1.8	2.9	1.9	11.2	6.5	47.5	28.2
May.....	100.0	18.0	1.9	2.3	1.9	11.7	6.5	46.9	28.8
June.....	100.0	17.0	1.8	3.1	2.8	9.2	6.2	47.2	29.7
July.....	100.0	17.1	1.8	3.1	3.2	9.1	6.3	46.5	30.1
August.....	100.0	17.1	2.0	3.6	2.8	8.7	6.3	47.6	29.0
September.....	100.0	17.5	1.8	3.4	2.0	10.3	6.6	46.1	29.9
October ¹	100.0	21.6	1.7	6.9	1.9	11.1	6.1	43.5	28.9
November.....	100.0	28.5	1.9	11.3	2.0	11.2	5.9	39.8	28.0
December.....	100.0	19.5	1.6	4.4	1.9	11.6	6.5	43.9	30.1
CONSTRUCTION									
1959.....	100.0	24.1	4.5	13.9	3.3	2.4	5.7	47.2	23.0
1960.....	100.0	22.8	5.3	11.5	2.9	3.1	5.5	48.2	23.4
1961.....	100.0	21.3	5.7	9.5	3.5	2.6	5.9	47.9	24.9
1962.....	100.0	21.3	4.8	10.7	2.9	2.9	5.5	46.7	26.4
1962: January.....	100.0	29.1	3.7	20.2	2.8	2.4	5.2	45.2	20.4
February ¹	100.0	26.7	6.1	15.0	2.6	3.0	5.0	44.4	23.9
March.....	100.0	22.5	6.2	11.4	2.2	2.7	6.5	47.0	23.9
April.....	100.0	22.8	5.6	10.9	2.8	3.5	5.9	46.7	24.6
May.....	100.0	18.1	5.7	5.4	3.5	3.5	5.8	47.4	28.6
June.....	100.0	18.3	4.8	7.3	3.0	3.2	5.4	48.0	28.3
July.....	100.0	15.9	4.1	4.7	3.6	3.5	5.4	47.6	31.1
August.....	100.0	15.3	4.0	5.4	3.2	2.7	5.1	49.9	29.6
September.....	100.0	17.4	4.5	7.4	2.9	2.6	5.1	49.1	28.4
October ¹	100.0	18.5	3.8	9.8	2.7	2.2	5.4	48.0	28.0
November.....	100.0	32.1	5.7	20.8	3.3	2.3	4.9	38.8	24.1
December.....	100.0	28.4	3.6	15.2	2.0	2.6	5.7	47.5	28.4
MANUFACTURING, TOTAL									
1959.....	100.0	14.3	2.7	8.0	.9	2.7	5.5	58.0	22.2
1960.....	100.0	13.8	3.6	5.9	1.1	2.7	6.3	58.3	22.1
1961.....	100.0	11.5	3.7	3.6	1.3	2.9	6.3	58.7	23.6
1962.....	100.0	11.8	2.5	4.7	.9	3.2	5.5	57.2	26.0
1962: January.....	100.0	18.5	2.4	6.7	.8	3.6	5.7	57.0	23.9
February ¹	100.0	12.6	2.1	5.9	.9	3.7	5.4	58.2	23.8
March.....	100.0	9.4	2.1	3.2	.9	3.2	5.2	60.1	25.2
April.....	100.0	9.4	2.5	3.1	.6	3.2	5.7	59.9	24.9
May.....	100.0	8.8	2.4	2.4	.6	3.4	5.6	59.2	26.3
June.....	100.0	9.2	2.4	3.1	.9	2.8	5.3	58.0	27.5
July.....	100.0	9.4	2.4	3.4	.9	2.7	5.4	58.1	27.0
August.....	100.0	10.1	2.8	3.5	1.0	2.8	5.7	57.9	26.3
September.....	100.0	10.0	2.9	3.2	.8	3.1	5.4	56.8	27.8
October ¹	100.0	14.9	2.6	7.9	.9	3.5	5.2	53.6	26.3
November.....	100.0	16.3	2.8	9.2	1.0	3.3	5.5	52.6	25.5
December.....	100.0	11.5	2.8	4.5	.9	3.3	5.9	55.2	27.2
Durable goods									
1959.....	100.0	12.3	2.1	8.3	.6	1.3	3.1	62.8	21.7
1960.....	100.0	11.0	3.3	5.9	.7	1.1	3.8	64.1	21.1
1961.....	100.0	8.7	3.0	3.6	.9	1.2	3.4	65.5	22.4
1962.....	100.0	8.7	1.9	4.7	.7	1.4	2.9	62.6	25.9
1962: January.....	100.0	11.1	1.7	7.3	.5	1.6	2.8	63.2	22.9
February ¹	100.0	9.0	1.2	5.8	.7	1.3	3.1	63.6	24.3
March.....	100.0	7.0	1.5	3.4	.7	1.4	2.5	65.3	25.4
April.....	100.0	6.7	1.6	3.2	.5	1.4	2.5	65.7	25.0
May.....	100.0	6.8	2.1	2.3	.7	1.7	2.7	63.7	26.9
June.....	100.0	7.4	2.1	3.2	.8	1.3	2.7	62.2	27.7
July.....	100.0	7.6	2.1	3.3	.8	1.4	2.8	62.6	27.1
August.....	100.0	7.5	2.2	3.4	.6	1.3	3.2	63.6	25.6
September.....	100.0	7.2	2.0	3.2	.5	1.5	2.8	63.0	27.0
October ¹	100.0	11.3	1.9	7.2	.7	1.5	3.1	60.0	26.6
November.....	100.0	13.1	2.1	8.8	.8	1.4	3.3	57.9	25.7
December.....	100.0	8.7	1.7	5.0	.7	1.3	3.1	60.7	27.5

¹ See footnote 2, table SA-19.

Table SA-21: WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES, BY MAJOR INDUSTRY GROUP AND FULL-TIME OR PART-TIME STATUS DURING THE SURVEY WEEK, 1959-62—Continued

[Percent distribution]

Period and major industry group	Total	1 to 34 hours					35 to 39 hours	40 hours	41 hours or more
		Total	Usually work full time		Usually work part time				
			Part time for economic reasons	Part time for other reasons	For economic reasons	For other reasons			
MANUFACTURING, TOTAL—Continued									
<i>Nondurable goods</i>									
1959.....	100.0	16.7	3.4	7.5	1.3	4.5	8.7	51.7	22.8
1960.....	100.0	16.0	4.0	5.9	1.5	4.6	9.6	51.0	23.3
1961.....	100.0	14.7	4.5	3.5	1.7	5.0	9.8	50.5	24.9
1962.....	100.0	14.7	3.4	4.7	1.1	5.5	8.8	50.3	26.1
1962: January.....	100.0	16.5	3.3	5.9	1.1	6.2	9.5	48.9	25.2
February ¹	100.0	17.1	3.3	6.0	1.2	6.6	8.4	51.3	23.2
March.....	100.0	12.7	3.0	3.0	1.1	5.6	8.9	53.3	25.2
April.....	100.0	12.8	3.5	3.0	.7	5.6	9.8	52.8	24.7
May.....	100.0	11.6	2.8	2.6	.6	5.6	9.1	53.6	25.8
June.....	100.0	11.8	2.9	3.0	1.1	4.8	8.6	52.6	27.1
July.....	100.0	12.1	2.9	3.7	1.1	4.4	8.6	52.5	26.9
August.....	100.0	13.3	3.5	3.6	1.4	4.8	8.7	51.0	27.0
September.....	100.0	13.7	4.0	3.2	1.3	5.2	8.7	48.9	28.8
October ¹	100.0	19.5	3.4	8.8	1.3	6.0	7.9	45.4	27.1
November.....	100.0	20.6	3.8	9.8	1.3	5.7	8.2	45.8	25.3
December.....	100.0	15.4	4.2	3.9	1.3	6.0	9.6	48.1	26.8
TRANSPORTATION AND PUBLIC UTILITIES									
1959.....	100.0	12.4	1.6	6.7	1.4	2.7	4.1	60.3	23.1
1960.....	100.0	11.0	1.5	5.2	1.4	2.9	4.4	60.0	24.5
1961.....	100.0	9.9	1.5	3.4	1.7	3.3	4.7	60.2	25.2
1962.....	100.0	10.3	1.5	4.3	1.3	3.2	4.6	57.1	27.9
1962: January.....	100.0	11.7	2.1	5.0	1.0	3.6	5.2	57.9	25.1
February ¹	100.0	11.6	1.4	5.3	1.4	3.5	3.9	59.3	25.2
March.....	100.0	9.0	2.1	1.8	1.0	4.1	5.3	59.4	26.2
April.....	100.0	8.3	1.3	2.3	1.0	3.7	4.6	60.9	26.3
May.....	100.0	8.3	1.8	2.0	1.2	3.3	4.8	59.3	27.7
June.....	100.0	7.9	1.1	2.0	1.4	2.5	4.6	59.1	28.3
July.....	100.0	8.2	1.6	2.7	1.8	2.1	4.3	57.2	30.3
August.....	100.0	7.9	1.4	2.2	1.4	2.9	3.8	58.9	29.6
September.....	100.0	9.3	1.3	3.2	1.7	3.1	5.2	55.9	29.5
October ¹	100.0	14.0	1.6	7.7	1.5	3.2	4.9	53.1	28.0
November.....	100.0	18.6	1.2	12.6	1.4	3.4	4.6	48.6	28.4
December.....	100.0	9.1	.8	3.4	1.3	3.6	4.5	56.5	29.9
WHOLESALE AND RETAIL TRADE									
1959.....	100.0	23.0	1.3	4.1	2.8	14.8	5.1	32.8	39.2
1960.....	100.0	22.4	1.1	2.8	2.9	15.6	5.3	33.3	38.9
1961.....	100.0	22.6	1.3	2.3	3.3	15.7	5.4	32.9	39.1
1962.....	100.0	23.6	1.3	2.6	2.9	16.8	5.6	31.7	39.1
1962: January.....	100.0	24.3	1.4	3.7	2.5	16.7	5.0	32.0	38.7
February ¹	100.0	24.2	1.3	2.8	2.5	17.6	5.1	31.9	38.7
March.....	100.0	23.2	1.6	1.9	2.5	17.2	5.6	32.5	38.8
April.....	100.0	23.6	1.3	1.7	2.5	18.1	5.8	32.6	38.1
May.....	100.0	24.1	1.2	1.5	2.4	19.0	5.6	32.1	38.4
June.....	100.0	20.3	1.1	1.9	4.3	13.0	6.4	32.7	40.6
July.....	100.0	20.2	1.3	1.9	4.6	12.4	5.8	33.0	41.0
August.....	100.0	21.4	1.4	2.7	4.2	13.1	5.9	32.5	40.3
September.....	100.0	23.0	1.1	1.9	2.3	17.7	5.6	32.2	39.1
October ¹	100.0	25.9	1.2	4.1	2.4	18.2	5.6	30.5	38.0
November.....	100.0	27.6	1.3	5.2	2.4	18.7	5.5	29.8	37.0
December.....	100.0	25.3	1.1	2.1	2.3	19.8	5.5	29.3	39.8
SERVICE AND FINANCE									
1959.....	100.0	28.8	1.0	5.6	4.2	18.0	8.7	35.5	27.1
1960.....	100.0	28.1	1.0	5.2	4.0	17.9	8.8	36.3	26.9
1961.....	100.0	27.2	1.0	3.2	4.2	18.8	9.0	36.2	27.5
1962.....	100.0	28.3	.9	4.0	3.6	19.8	8.7	35.7	27.3
1962: January.....	100.0	28.5	.9	5.0	3.1	19.4	9.0	35.6	26.9
February ¹	100.0	30.2	.7	5.6	3.4	20.4	7.3	34.4	28.1
March.....	100.0	27.5	1.0	2.4	3.6	20.5	9.1	35.0	28.4
April.....	100.0	26.7	.9	1.9	3.3	20.5	8.9	36.8	27.6
May.....	100.0	27.6	1.1	1.9	3.2	21.3	9.0	36.3	27.1
June.....	100.0	27.0	1.1	2.6	4.7	18.7	8.5	37.3	27.2
July.....	100.0	28.1	1.1	2.8	5.6	18.6	8.8	36.2	26.8
August.....	100.0	28.0	1.2	3.8	4.9	18.1	8.8	38.2	25.0
September.....	100.0	25.7	.9	3.1	3.1	18.5	9.7	36.3	28.3
October ¹	100.0	30.2	.7	6.0	2.9	20.6	8.2	34.4	27.2
November.....	100.0	33.8	.9	9.6	2.9	20.4	7.9	32.2	26.2
December.....	100.0	27.2	.8	3.3	3.1	20.0	8.9	36.2	27.9

¹ See footnote 2, table SA-19.

Table SA-22: PERSONS AT WORK 1 TO 34 HOURS DURING THE SURVEY WEEK IN NONAGRICULTURAL INDUSTRIES, BY USUAL STATUS AND REASON FOR PART-TIME WORK, 1959-62

[Thousands of persons 14 years of age and over]

Period, usual status, and reason for part-time work	Total	1 to 14 hours	15 to 21 hours	22 to 29 hours	30 to 34 hours	Average hours
WORKED PART TIME FOR ECONOMIC REASONS						
<i>Usually work full time</i>						
1959.....	1,032	130	216	295	392	23.8
1960.....	1,243	139	237	317	540	24.7
1961.....	1,297	176	240	336	545	24.2
1962.....	1,049	154	211	282	403	23.6
1962: January.....	986	179	196	259	353	23.1
February.....	957	163	174	254	361	23.2
March.....	1,110	178	253	309	370	22.7
April.....	1,050	196	208	288	357	22.7
May.....	1,111	132	213	280	487	24.5
June.....	1,041	160	194	277	411	23.7
July.....	962	98	237	246	380	24.0
August.....	1,098	159	219	269	440	23.8
September.....	1,093	157	231	286	419	23.6
October.....	1,023	136	192	289	407	24.0
November.....	1,168	147	218	350	453	24.0
December.....	1,001	133	197	275	396	24.0
<i>Usually work part time</i>						
1959.....	1,304	435	372	276	221	18.3
1960.....	1,317	452	353	287	225	18.2
1961.....	1,516	518	416	327	255	18.1
1962.....	1,287	481	366	257	183	17.3
1962: January.....	1,109	448	302	223	136	16.8
February.....	1,232	407	334	299	192	18.3
March.....	1,226	463	355	257	152	17.1
April.....	1,171	424	336	234	177	17.5
May.....	1,184	449	325	254	156	17.3
June.....	1,589	654	410	298	226	16.7
July.....	1,712	681	404	301	235	16.8
August.....	1,537	634	405	309	189	16.6
September.....	1,152	371	355	246	180	18.1
October.....	1,162	373	347	237	205	18.5
November.....	1,211	439	376	212	183	17.4
December.....	1,165	432	356	212	165	17.3
WORKED PART TIME FOR OTHER REASONS						
<i>Usually work full time</i>						
1959.....	3,797	229	372	713	2,483	27.8
1960.....	3,154	240	425	773	1,716	26.5
1961.....	2,170	229	356	594	990	26.1
1962.....	2,741	259	429	644	1,410	25.8
1962: January.....	3,623	627	870	947	1,179	22.5
February.....	3,305	286	502	814	1,703	25.9
March.....	1,863	182	428	576	679	24.1
April.....	1,772	211	387	475	699	24.0
May.....	1,421	134	278	391	619	24.8
June.....	1,845	207	364	511	764	24.4
July.....	1,744	240	322	457	725	24.1
August.....	2,131	231	420	526	954	24.6
September.....	2,050	189	345	490	1,026	25.6
October.....	4,043	210	385	944	2,504	27.8
November.....	6,455	217	393	962	4,883	29.3
December.....	2,044	368	460	636	1,180	24.2
<i>Usually work part time</i>						
1959.....	5,569	2,378	1,564	930	697	16.3
1960.....	5,815	2,449	1,644	987	735	16.4
1961.....	6,148	2,686	1,648	1,010	804	16.2
1962.....	6,597	2,859	1,749	1,093	896	16.2
1962: January.....	6,410	2,871	1,701	997	840	15.9
February.....	6,970	3,152	1,799	1,015	1,004	16.0
March.....	7,020	3,091	1,800	1,171	857	16.1
April.....	7,013	2,962	1,990	1,115	946	16.2
May.....	7,405	3,197	1,954	1,243	1,011	16.2
June.....	5,816	2,344	1,582	1,052	838	16.8
July.....	5,366	2,167	1,378	949	873	16.9
August.....	5,314	2,198	1,454	891	772	16.6
September.....	6,445	2,758	1,695	1,144	848	16.4
October.....	7,009	3,093	1,838	1,170	908	16.2
November.....	7,134	3,271	1,862	1,163	859	15.8
December.....	7,266	3,210	1,934	1,203	918	16.0

Table SA-23: PERSONS AT WORK 1 TO 34 HOURS DURING THE SURVEY WEEK IN NONAGRICULTURAL INDUSTRIES, BY USUAL STATUS AND DETAILED REASONS FOR PART-TIME WORK, 1959-62

[Thousands of persons 14 years of age and over]

Usual status and reason for part-time work	1959	1960	1961	1962	1962											
					Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
WORKED PART TIME FOR ECONOMIC REASONS																
Usually work full time.....	1,032	1,243	1,297	1,049	986	957	1,110	1,050	1,111	1,041	962	1,088	1,093	1,023	1,168	1,001
Slack work.....	789	1,000	1,056	795	799	761	869	830	825	716	713	786	763	771	902	802
Material shortages or repairs to plant or equipment.....	68	61	61	51	37	38	39	52	52	39	43	67	71	65	64	49
New job started.....	121	119	123	131	89	89	128	110	170	207	152	157	169	100	101	99
Job terminated.....	54	63	57	72	60	68	73	58	63	80	53	78	90	87	100	52
Usually work part time.....	1,304	1,317	1,516	1,287	1,109	1,232	1,226	1,171	1,184	1,589	1,712	1,537	1,152	1,162	1,211	1,165
Could find only part-time work.....	1,015	1,017	1,143	1,005	837	897	936	804	830	1,283	1,420	1,218	922	911	887	916
Slack work.....	289	300	373	282	272	335	290	207	254	306	292	319	230	251	324	249
WORKED PART TIME FOR OTHER REASONS																
Usually work full time.....	3,797	3,154	2,170	2,741	3,623	3,305	1,863	1,772	1,421	1,845	1,744	2,131	2,050	4,043	6,455	2,644
Industrial dispute.....	51	22	18	20	11	18	29	21	25	32	32	32	14	15	9	1
Bad weather.....	424	491	405	519	2,094	735	513	469	177	334	151	93	196	246	276	948
Own illness.....	634	689	645	695	951	961	739	713	543	491	422	573	656	749	722	811
On vacation.....	212	242	255	277	94	130	120	101	167	317	557	698	343	333	259	196
Holiday.....	1,940	1,142	320	696	1,972	5	11	5	19	23	107	287	2,167	4,049	1,119	119
Other.....	635	667	627	531	473	489	457	457	498	652	559	628	549	533	540	569
Usually work part time.....	5,569	5,815	6,148	6,597	6,410	6,970	7,020	7,013	7,405	5,816	5,366	5,314	6,445	7,009	7,134	7,266
Own illness.....	196	198	176	176	150	170	193	172	194	192	185	178	172	189	170	147
Too busy with housework or school.....	3,118	3,124	3,227	3,235	3,188	3,735	3,627	3,742	4,001	2,077	1,686	1,754	3,180	3,494	3,910	4,120
Did not want full-time work.....	1,569	1,794	1,880	1,950	1,745	1,789	1,936	1,922	1,933	2,169	2,148	2,147	1,901	2,076	1,804	1,832
Work full time only during peak season.....	69	73	211	825	696	845	883	806	866	861	845	719	833	864	884	801
Other.....	617	625	654	411	331	431	381	371	411	517	502	516	359	386	366	266

¹ Lincoln's Birthday in survey week² Columbus Day in survey week.

Table SA-24: PERSONS AT WORK DURING THE SURVEY WEEK, BY FULL-TIME OR PART-TIME STATUS AND MAJOR OCCUPATION GROUP, 1962

[Percent distribution]

Major occupation group	Total		1 to 34 hours					35 to 39 hours	40 hours	41 hours	Average hours
	Number (thousands)	Percent	Total	Usually work full time		Usually work part time					
				Part time for economic reasons	Part time for other reasons	For economic reasons	For other reasons				
All occupation groups.....	64,565	100.0	20.6	1.8	4.8	2.3	11.7	6.1	39.7	33.0	40.5
Professional, technical, and kindred workers.....	7,484	100.0	15.5	0.4	4.8	0.5	9.8	6.5	43.0	34.8	41.7
Farmers and farm managers.....	2,466	100.0	23.5	2.6	8.2	.9	11.8	5.7	6.5	64.3	51.7
Managers, officials, and proprietors, except farm.....	7,069	100.0	8.3	.7	3.4	.4	3.8	4.1	26.9	60.8	49.3
Clerical and kindred workers.....	9,681	100.0	18.5	.6	5.2	.8	11.9	11.5	54.5	15.4	37.7
Sales workers.....	4,140	100.0	30.2	.9	2.6	2.3	24.4	5.9	25.0	35.9	37.3
Craftsmen, foremen, and kindred workers.....	8,266	100.0	11.6	2.4	5.8	1.3	2.1	4.2	59.6	33.7	41.6
Operatives and kindred workers.....	11,413	100.0	15.7	3.8	5.2	1.8	4.9	5.3	49.1	29.8	40.6
Private household workers.....	2,263	100.0	65.0	1.2	2.1	12.9	48.8	5.1	13.2	16.7	24.7
Service workers, except private household.....	6,161	100.0	27.0	1.3	2.9	3.5	19.3	5.3	35.2	32.5	38.7
Farm laborers and foremen.....	2,236	100.0	42.2	2.5	6.3	6.8	25.6	7.6	8.6	41.5	39.1
Laborers, except farm and mine.....	3,397	100.0	31.9	4.2	7.0	7.3	13.4	3.8	43.2	21.2	34.9

Table SA-25: PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES DURING THE SURVEY WEEK, BY FULL-TIME OR PART-TIME STATUS AND SELECTED CHARACTERISTICS, 1962

[Percent distribution]

Characteristics	Total		1 to 34 hours					35 to 40 hours	41 hours or more	Average hours
	Number (thousands)	Percent	Total	Usually work full time		Usually work part time				
				Part time for economic reasons	Part time for other reasons	For economic reasons	For other reasons			
Both sexes.....	59,553	100.0	19.7	1.8	4.6	2.2	11.1	48.4	31.9	40.1
AGE AND SEX										
Male, 14 years and over.....	38,808	100.0	13.6	1.7	4.5	1.6	5.8	47.3	39.0	42.6
14 to 17 years.....	1,249	100.0	82.6	1.1	1.3	7.9	72.3	10.5	6.8	17.4
18 to 24 years.....	4,671	100.0	19.7	2.2	4.3	3.0	10.2	46.0	34.3	40.1
25 to 34 years.....	8,596	100.0	8.5	1.7	4.6	.9	1.3	48.4	43.1	44.5
35 to 44 years.....	9,566	100.0	7.8	1.6	4.4	1.0	.8	48.8	43.4	44.8
45 to 64 years.....	13,231	100.0	10.2	1.8	5.0	1.4	2.0	50.6	39.2	43.9
65 years and over.....	1,494	100.0	35.4	1.3	4.3	2.3	27.5	37.3	27.2	35.9
Female, 14 years and over.....	20,745	100.0	30.8	1.8	4.8	3.2	21.0	50.6	18.7	35.4
14 to 17 years.....	947	100.0	82.2	1.0	1.2	5.9	74.1	12.3	5.5	15.9
18 to 24 years.....	3,535	100.0	23.8	1.8	4.9	3.0	14.1	61.6	14.6	36.0
25 to 34 years.....	3,464	100.0	28.2	1.9	5.1	2.6	18.6	53.9	17.8	35.7
35 to 44 years.....	4,693	100.0	29.6	2.1	5.3	2.8	19.4	51.8	18.7	36.0
45 to 64 years.....	7,348	100.0	27.5	1.7	4.9	3.4	17.5	50.1	22.4	37.3
65 years and over.....	759	100.0	47.6	1.4	2.4	3.2	40.6	29.9	22.6	32.4
MARITAL STATUS AND SEX										
Male: Single.....	6,089	100.0	33.1	1.9	3.7	4.4	23.1	42.6	24.2	34.8
Married, wife present.....	30,829	100.0	9.6	1.7	4.6	.9	2.4	48.2	42.3	44.2
Other ¹	1,890	100.0	17.6	2.6	5.4	3.7	5.9	48.0	34.3	41.4
Female: Single.....	4,982	100.0	31.7	1.3	4.1	3.3	23.0	53.0	15.4	33.6
Married, husband present.....	11,398	100.0	32.2	1.9	5.1	2.6	22.6	49.7	18.1	35.2
Other ¹	4,366	100.0	25.5	2.0	4.5	4.5	14.5	50.3	24.1	37.8
COLOR AND SEX										
White.....	53,612	100.0	18.8	1.6	4.5	1.6	11.1	48.3	32.9	40.4
Male.....	35,355	100.0	13.1	1.6	4.4	1.2	5.9	46.7	40.2	42.9
Female.....	18,256	100.0	29.8	1.7	4.8	2.2	21.1	51.5	18.8	35.6
Nonwhite.....	5,942	100.0	26.9	2.8	5.6	7.5	11.0	49.6	23.5	37.1
Male.....	3,453	100.0	19.3	3.2	6.2	5.4	4.5	53.4	27.3	39.5
Female.....	2,489	100.0	37.3	2.2	4.6	10.5	20.0	44.5	18.1	33.8

¹ Includes widowed, divorced, and married—spouse absent.

Table SA-26: EMPLOYED PERSONS WITH A JOB BUT NOT AT WORK, BY REASON FOR NOT WORKING, 1959-62

[Thousands of persons 14 years of age and over]

Period	All industries	Agriculture	Nonagri-cultural industries	Reason for not working, all industries				
				Bad weather	Industrial dispute	Vacation	Illness	All other
1959.....	3,161	186	2,974	115	160	1,494	907	484
1960.....	3,231	190	3,042	168	40	1,576	942	505
1961.....	3,146	200	2,946	143	56	1,492	898	556
1962.....	3,281	178	3,103	160	33	1,533	940	615
1962: January.....	2,681	296	2,386	698	39	322	1,036	587
February.....	2,570	243	2,328	275	37	396	1,224	639
March.....	2,130	201	1,929	201	27	374	1,040	487
April.....	1,994	172	1,822	104	40	428	949	474
May.....	2,032	89	1,944	10	34	663	870	455
June.....	3,870	122	3,748	40	61	2,129	832	808
July.....	7,477	133	7,343	29	48	5,637	862	900
August.....	6,839	182	6,657	3	12	5,132	843	849
September.....	2,780	101	2,680	17	32	1,448	811	472
October.....	2,263	129	2,133	29	19	818	898	499
November.....	2,174	153	2,021	32	22	618	916	586
December.....	2,559	316	2,243	476	30	430	1,002	621

Table SA-27: EMPLOYED WAGE AND SALARY WORKERS¹ WITH A JOB BUT NOT AT WORK IN NONAGRICULTURAL INDUSTRIES, BY REASON FOR NOT WORKING AND PAY STATUS, 1959-62

[Thousands of workers 14 years of age and over]

Period and pay status	Both sexes	Male	Female	Reason for not working, both sexes				
				Bad weather	Industrial dispute	Vacation	Illness	All other
ALL WORKERS								
1959.....	2,549	1,579	970	45	160	1,340	696	309
1960.....	2,575	1,547	1,028	73	40	1,414	723	324
1961.....	2,504	1,470	1,034	50	56	1,349	680	369
1962.....	2,651	1,552	1,099	75	32	1,400	739	405
1962: Monthly								
January.....	1,787	1,148	640	359	39	246	808	334
February.....	1,781	1,048	733	141	37	285	967	351
March.....	1,491	905	586	80	27	274	819	291
April.....	1,449	826	622	30	40	350	741	288
May.....	1,571	955	616	-----	30	576	691	276
June.....	3,327	1,795	1,531	11	58	1,971	642	645
July.....	6,792	3,935	2,857	9	48	5,358	684	694
August.....	6,041	3,313	2,728	1	13	4,717	666	645
September.....	2,357	1,420	937	5	31	1,364	638	318
October.....	1,816	1,117	698	10	17	746	733	309
November.....	1,662	1,039	622	14	22	537	711	376
December.....	1,739	1,129	609	240	24	371	769	335
WORKERS PAID								
1959.....	1,418	940	479	1	-----	1,094	247	75
1960.....	1,493	976	517	3	-----	1,154	255	80
1961.....	1,452	940	512	1	-----	1,105	248	97
1962.....	1,529	993	535	8	-----	1,130	282	109
1962: Monthly								
January.....	611	383	228	28	-----	189	320	74
February.....	703	438	265	5	-----	232	368	99
March.....	607	416	192	11	-----	216	330	62
April.....	621	394	227	4	-----	298	266	53
May.....	843	592	250	1	-----	501	282	56
June.....	1,938	1,190	747	-----	-----	1,523	207	205
July.....	4,826	3,143	1,683	2	-----	4,342	247	235
August.....	4,157	2,621	1,536	-----	-----	3,632	286	239
September.....	1,505	975	530	-----	-----	1,170	250	83
October.....	986	659	328	-----	-----	656	274	57
November.....	843	603	240	-----	-----	468	270	106
December.....	696	498	198	42	-----	323	276	54
WORKERS NOT PAID								
1959.....	1,131	640	491	43	160	246	449	234
1960.....	1,082	570	511	70	40	261	468	243
1961.....	1,052	530	522	49	56	244	432	271
1962.....	1,122	560	562	67	32	270	457	296
1962: Monthly								
January.....	1,176	765	411	331	39	57	489	260
February.....	1,078	611	467	136	53	600	253	253
March.....	884	459	395	69	27	55	490	240
April.....	828	432	396	26	40	52	475	238
May.....	728	362	365	-----	30	76	408	217
June.....	1,389	604	785	11	58	448	434	439
July.....	1,965	792	1,173	6	48	1,015	438	459
August.....	1,884	692	1,191	1	13	1,086	430	406
September.....	852	446	407	5	31	194	389	235
October.....	829	458	371	10	17	90	459	252
November.....	818	436	382	14	22	69	441	271
December.....	1,041	630	411	198	24	45	493	281

¹ Includes government workers and excludes private household workers.

Table SA-28: PERCENT OF NONAGRICULTURAL WAGE AND SALARY WORKERS WHO WERE ABSENT FROM WORK BUT RECEIVED PAY, BY REASON FOR ABSENCE AND INDUSTRY GROUP, 1962

Industry group	Reason for absence				Industry group	Reason for absence			
	All reasons	Vacation	Illness	Other ¹		All reasons	Vacation	Illness	Other ¹
Private wage and salary workers ²	52.8	82.7	30.1	14.4	Private wage and salary workers ² -Con.	47.4	72.4	30.8	16.4
Construction.....	20.2	57.7	15.6	6.6	Service and finance.....	69.0	88.3	54.3	36.8
Manufacturing.....	59.3	89.5	30.1	16.9	Finance, insurance, and real estate.....	39.2	50.0	33.3	15.4
Durable goods.....	61.3	90.8	31.1	17.9	Educational services.....	41.5	70.8	23.5	11.5
Nondurable goods.....	56.7	87.8	28.7	15.8	Other services ³	66.5	71.4	73.7	44.7
Transportation and public utilities.....	70.3	94.0	43.3	24.1	Government workers.....	52.3	54.7	69.2	41.6
Wholesale and retail trade.....	47.5	77.0	25.2	12.7	Educational services.....	81.9	92.7	75.0	51.2
					Public administration and other government.				

¹ Includes bad weather, industrial dispute, and various personal reasons.² Includes forestry and fisheries and mining not shown separately.³ Includes personal services; business and repair services; medical, legal,

and other professional services, except education; and welfare and religious services.

HOUSEHOLD DATA

Table SA-29: UNEMPLOYED PERSONS, BY AGE AND SEX, 1959-62
[Thousands of persons 14 years of age and over]

Period and sex	All age groups	14 and 15 years	16 and 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years	35 to 39 years	40 to 44 years	45 to 49 years	50 to 54 years	55 to 59 years	60 to 64 years	65 to 69 years	70 years and over
BOTH SEXES															
Total:															
Number: 1959.....	3,813	73	301	353	543	392	333	343	330	333	271	230	175	89	46
1960.....	3,931	80	325	387	553	380	372	355	317	327	280	222	174	83	38
1961.....	4,806	93	363	465	724	472	417	449	400	394	357	283	232	109	49
1962.....	4,007	96	311	409	636	373	340	344	344	336	268	249	162	91	49
As percent of civilian labor force:															
1959.....	5.5	7.1	15.3	14.0	8.5	5.8	4.3	4.2	4.2	4.3	4.1	4.3	4.5	5.0	3.4
1960.....	5.6	8.1	15.5	14.1	8.7	5.6	4.9	4.3	3.9	4.1	4.2	4.1	4.4	4.6	2.7
1961.....	6.7	8.1	18.3	15.8	10.4	6.9	5.5	5.4	4.9	4.9	5.1	5.0	5.8	6.2	3.5
1962.....	5.6	7.7	16.2	13.6	9.0	5.6	4.6	4.2	4.1	4.2	3.8	4.3	4.1	5.2	3.5
1962:															
January.....	4,663	42	239	428	732	455	470	483	398	374	357	306	231	99	48
February.....	4,543	63	265	423	671	480	396	451	407	432	348	303	163	112	49
March.....	4,382	58	263	397	710	440	395	394	408	414	311	292	166	98	36
April.....	3,946	84	280	404	557	372	341	376	377	370	282	233	138	103	60
May.....	3,719	127	371	366	538	301	344	284	295	307	282	233	118	104	53
June.....	4,403	244	682	559	661	309	318	340	327	322	218	207	131	90	53
July.....	4,018	189	418	470	667	342	299	336	314	314	210	221	139	80	40
August.....	3,932	92	264	421	728	401	305	312	350	296	231	228	159	84	52
September.....	3,512	56	211	379	588	335	311	319	276	298	239	211	167	76	45
October.....	3,294	79	219	340	566	304	291	238	318	249	183	220	176	78	51
November.....	3,801	74	298	397	600	346	291	315	323	304	257	264	181	103	47
December.....	3,817	57	253	326	605	403	315	280	328	356	299	269	182	91	54
MALE															
Total:															
Number: 1959.....	2,473	53	191	207	343	264	219	209	198	207	183	154	133	72	40
1960.....	2,541	55	200	225	369	255	237	229	186	204	185	161	133	66	30
1961.....	3,060	63	221	258	457	312	273	269	238	244	229	197	177	83	39
1962.....	2,488	65	187	220	381	247	199	203	202	201	180	176	124	64	39
As percent of civilian labor force:															
1959.....	5.3	7.8	15.8	14.9	8.7	5.4	4.0	3.7	3.7	4.1	4.2	4.3	4.8	5.6	3.9
1960.....	5.4	8.6	15.5	15.0	8.9	5.3	4.4	4.0	3.5	4.0	4.2	4.4	4.8	5.3	2.9
1961.....	6.5	8.7	18.3	16.3	10.7	6.5	5.1	4.8	4.4	4.8	5.0	5.3	6.3	6.9	3.8
1962.....	5.3	8.3	15.9	13.8	8.9	5.2	3.8	3.6	3.7	3.9	3.9	4.6	4.5	5.4	3.7
1962:															
January.....	3,034	41	155	246	470	318	283	276	261	232	233	222	182	76	37
February.....	3,010	47	171	254	451	316	249	285	270	282	225	221	123	88	37
March.....	2,888	34	170	226	447	298	260	255	258	260	235	219	129	77	31
April.....	2,534	65	155	200	363	246	194	232	239	220	207	188	109	75	42
May.....	2,296	74	218	198	330	202	188	167	169	177	186	184	91	73	41
June.....	2,698	152	400	299	389	205	175	206	199	187	143	137	101	62	42
July.....	2,406	135	237	232	376	215	189	200	171	180	146	150	107	33	29
August.....	2,327	62	166	214	411	260	180	163	196	182	151	146	116	51	39
September.....	1,991	32	132	206	281	191	170	179	184	158	146	133	113	52	35
October.....	1,891	38	128	179	309	219	153	136	162	129	113	131	118	52	41
November.....	2,259	52	170	210	345	218	148	169	168	173	174	172	145	72	41
December.....	2,522	43	148	180	397	269	198	174	193	229	217	210	154	62	48
FEMALE															
Total:															
Number: 1959.....	1,340	20	110	146	200	128	114	134	132	126	88	77	42	17	6
1960.....	1,390	24	124	162	214	125	135	125	131	124	98	60	41	17	8
1961.....	1,747	30	142	207	265	160	144	180	162	150	128	86	55	26	10
1962.....	1,519	31	124	189	255	126	141	141	142	135	88	73	38	27	10
As percent of civilian labor force:															
1959.....	5.9	5.7	14.4	12.9	8.1	6.7	5.2	5.2	4.9	4.6	3.8	4.5	3.6	3.4	1.8
1960.....	5.9	6.9	15.4	13.0	8.3	6.4	6.2	4.8	4.8	4.3	4.0	3.3	3.5	3.1	2.2
1961.....	7.2	7.2	18.3	15.1	9.8	8.0	6.7	6.9	5.8	5.2	5.1	4.5	4.6	4.6	2.8
1962.....	6.2	6.7	16.8	13.5	9.1	6.4	6.6	5.4	5.0	4.8	3.4	3.7	3.2	4.8	2.7
1962:															
January.....	1,629	1	84	182	262	137	187	207	137	142	124	84	49	23	11
February.....	1,524	16	94	169	220	144	147	166	137	150	123	82	40	24	12
March.....	1,493	24	93	171	263	142	135	139	150	154	86	73	37	21	5
April.....	1,411	19	105	204	194	126	147	144	138	150	75	45	29	28	8
May.....	1,423	53	153	168	208	99	156	117	126	130	96	49	27	31	12
June.....	1,764	92	282	260	272	104	143	134	128	135	75	70	30	28	11
July.....	1,611	54	181	238	291	127	110	136	143	128	64	71	32	27	11
August.....	1,605	30	98	207	317	141	125	159	163	114	80	82	43	33	13
September.....	1,520	24	79	173	307	116	141	140	142	140	93	78	54	24	10
October.....	1,413	21	91	161	257	113	138	102	156	120	70	89	68	26	10
November.....	1,543	22	128	187	255	128	143	146	155	131	83	92	36	31	6
December.....	1,295	14	105	146	208	134	117	106	135	127	82	59	28	29	6

Table SA-30: UNEMPLOYMENT RATES AND PERCENT DISTRIBUTION OF THE UNEMPLOYED, BY INDUSTRY GROUP AND CLASS OF WORKER, 1959-62

Industry group and class of worker	Unemployed as percent of civilian labor force in category								Percent distribution			
	1962				1962	1961	1960	1959	1962	1961	1960	1959
	First quarter	Second quarter	Third quarter	Fourth quarter								
Total unemployed.....	6.4	5.6	5.2	5.1	5.6	6.7	5.6	5.5	100.0	100.0	100.0	100.0
Experienced workers ¹	5.9	4.6	4.5	4.5	4.9	5.9	5.0	4.9	86.6	87.8	88.4	88.5
Agriculture.....	3.9	2.3	1.9	2.9	2.7	3.4	3.0	2.9	3.5	4.0	4.6	4.5
Wage and salary workers.....	12.3	6.3	4.8	7.3	7.3	9.3	8.0	8.7	3.3	3.7	4.1	4.2
Self-employed workers.....	.2	.3	.2	.3	.3	.4	.4	.3	.2	.2	.3	.3
Unpaid family workers.....	.3	.3	.2	1.2	.4	.2	.6	.2	.1	(*)	.3	.1
Nonagricultural industries.....	6.0	4.9	4.7	4.6	5.0	6.2	5.1	5.1	83.0	83.9	83.9	83.9
Wage and salary workers.....	6.5	5.3	5.1	5.0	5.5	6.7	5.6	5.5	80.6	81.2	81.2	81.4
Forestry, fisheries, and mining.....	9.4	8.6	8.2	8.1	8.6	11.6	9.5	9.7	1.4	1.6	1.7	1.8
Construction.....	19.2	11.3	7.3	10.9	12.0	14.1	12.2	12.0	12.1	11.7	12.3	12.6
Manufacturing.....	6.6	5.6	5.5	5.3	5.8	7.7	6.2	6.0	28.2	28.8	28.2	27.8
Durable goods.....	6.4	5.3	5.6	5.4	5.7	8.4	6.3	6.1	14.4	17.4	16.0	16.1
Lumber and wood products.....	11.9	7.2	6.9	8.1	8.4	11.1	9.1	8.7	1.2	1.2	1.3	1.4
Furniture and fixtures.....	6.7	7.9	5.5	7.1	6.9	9.2	6.9	6.9	.7	.7	.7	.7
Stone, clay, and glass products.....	9.9	4.9	4.2	6.7	6.4	8.1	6.0	5.3	.9	1.0	.8	.8
Primary metal industries.....	5.8	6.3	8.6	7.3	7.0	10.9	7.8	5.3	2.0	2.7	2.5	1.7
Fabricated metal products.....	6.1	5.4	5.2	5.2	5.4	6.7	6.1	6.5	2.0	1.8	1.8	2.0
Machinery, except electrical.....	3.5	3.7	4.1	3.7	3.7	6.4	4.7	4.3	1.5	2.1	2.0	1.8
Electrical machinery.....	5.7	4.6	4.7	5.1	5.0	6.9	5.0	5.4	2.1	2.2	1.9	1.8
Transportation equipment.....	7.0	5.8	6.6	4.4	6.0	10.0	6.9	7.1	2.7	4.1	3.8	4.3
Automobiles.....	7.0	5.3	8.7	3.5	6.1	13.9	8.4	10.1	1.3	2.6	2.1	2.7
All other.....	7.1	6.2	4.8	5.2	5.8	6.8	5.8	4.8	1.4	1.5	1.7	1.6
Other durable goods.....	7.7	5.1	4.9	5.7	5.8	8.5	6.1	7.1	1.3	1.5	1.2	1.6
Nondurable goods.....	6.9	6.0	5.3	5.3	5.9	6.7	6.0	5.9	11.8	11.3	12.2	11.6
Food and kindred products.....	8.8	8.0	6.0	6.4	7.3	7.7	6.4	6.7	3.3	3.0	2.8	2.7
Textile mill products.....	7.3	5.6	4.2	4.1	5.2	6.8	6.3	7.2	1.3	1.4	1.6	2.0
Apparel and other finished textile products.....	10.6	9.1	9.5	10.0	9.8	11.4	10.5	9.6	3.2	3.1	3.5	3.1
Printing and publishing industry.....	4.3	3.1	3.8	3.1	3.5	3.9	3.6	3.2	1.0	1.0	1.0	.9
Chemicals and allied products.....	3.5	3.3	3.4	3.0	3.3	3.3	3.3	3.6	.8	.6	.8	.9
Other nondurable goods.....	5.5	5.4	4.4	4.3	4.9	5.9	5.2	4.6	2.2	2.2	2.5	2.1
Transportation and public utilities.....	4.9	3.8	3.9	3.0	3.9	5.1	4.3	4.2	4.4	4.9	5.2	5.0
Railroads and railway express.....	6.4	4.9	5.8	3.8	5.2	6.8	5.2	5.0	1.2	1.3	1.3	1.4
Other transportation.....	6.7	4.9	4.6	3.4	4.8	6.5	5.7	5.8	2.1	2.4	2.5	2.5
Communication and other public utilities.....	2.8	2.3	2.4	2.1	2.4	3.0	2.7	2.2	1.1	1.2	1.3	1.0
Wholesale and retail trade.....	7.5	6.1	6.0	5.4	6.3	7.2	5.9	5.8	17.1	16.4	16.3	16.3
Service and finance.....	4.2	3.9	4.4	4.0	4.1	4.6	3.8	4.0	17.4	15.9	15.3	16.1
Finance, insurance, and real estate.....	3.1	2.6	3.4	3.1	3.1	3.3	2.4	2.6	2.1	1.9	1.7	1.7
Service industries.....	4.4	4.1	4.5	4.2	4.3	4.9	4.1	4.3	15.3	13.9	13.6	14.3
Professional services.....	2.2	2.3	3.0	2.1	2.4	2.8	2.2	2.5	4.6	4.3	4.0	4.4
All other services.....	7.1	6.2	6.2	6.9	6.6	7.3	6.3	6.2	10.7	9.7	9.6	10.0
Public administration.....	2.2	2.5	2.1	2.0	2.2	2.7	2.6	2.3	1.9	1.9	2.2	1.9
Self-employed and unpaid family workers.....	1.9	1.1	1.2	1.3	1.4	1.8	1.5	1.3	2.4	2.7	2.7	2.5
Persons with no previous work experience ²									13.4	12.2	11.6	11.6

¹ The base for the unemployed rate includes the employed, classified according to their current job, and the unemployed, classified according to their latest civilian job, if any; excludes the unemployed persons who never held a full-time civilian job.

² Less than 0.05 percent.

³ Unemployed persons who never held a full-time civilian job

Table SA-31: UNEMPLOYMENT RATES AND PERCENT DISTRIBUTION OF THE UNEMPLOYED, BY OCCUPATION GROUP, 1959-62

Occupation group	Unemployed as percent of civilian labor force in category								Percent distribution			
	1962				1962	1961	1960	1959	1962	1961	1960	1959
	First quarter	Second quarter	Third quarter	Fourth quarter								
Total unemployed.....	6.4	5.6	5.2	5.1	5.6	6.7	5.6	5.5	100.0	100.0	100.0	100.0
Experienced workers ¹	5.9	4.6	4.5	4.5	4.9	5.9	5.0	4.9	86.6	87.8	88.4	88.5
Professional, technical and kindred workers.....	1.7	1.7	2.1	1.4	1.7	2.0	1.7	1.7	3.5	3.3	3.4	3.2
Medical and other health workers.....	1.4	1.7	1.3	1.2	1.4	1.4	1.1	1.4	.5	.4	.4	.5
Teachers, except college.....	.5	1.1	3.3	.6	1.3	1.3	1.3	1.1	.5	.5	.5	.4
Other professional, technical, and kindred workers.....	2.2	1.9	1.9	1.7	2.0	2.5	2.1	2.0	2.5	2.5	2.4	2.3
Farmers and farm managers.....	.2	.3	.2	.3	.3	.4	.3	.3	.2	.2	.2	.2
Managers, officials, and proprietors, except farm.....	1.7	1.4	1.5	1.2	1.5	1.8	1.4	1.3	2.8	2.7	2.5	2.4
Salaried workers.....	2.0	1.7	1.8	1.6	1.8	2.1	1.5	1.5	1.8	1.7	1.3	1.4
Self-employed workers in retail trade.....	1.7	1.1	1.1	.7	1.2	1.4	1.1	1.1	.5	.5	.5	.5
Self-employed workers, except retail trade.....	1.1	.8	1.2	.9	1.0	1.7	1.5	1.0	.4	.6	.7	.5
Clerical and kindred workers.....	4.2	3.7	4.2	3.7	3.9	4.6	3.8	3.7	10.4	9.9	9.8	9.3
Stenographers, typists, and secretaries.....	3.3	2.7	3.9	3.7	3.4	3.7	3.0	3.2	2.2	1.9	1.9	2.0
Other clerical and kindred workers.....	4.5	4.0	4.3	3.8	4.1	4.9	4.0	3.8	8.2	8.0	7.9	7.2
Sales workers.....	5.0	3.8	4.2	3.5	4.1	4.7	3.7	3.7	4.6	4.6	4.2	4.4
Retail trade.....	6.7	4.9	5.4	4.5	5.4	6.0	4.8	4.7	3.6	3.4	3.3	3.4
Other sales workers.....	2.7	2.2	2.5	1.9	2.3	2.9	2.1	2.2	1.1	1.1	1.0	1.1
Craftsmen, foremen, and kindred workers.....	6.9	4.9	3.8	4.7	5.1	6.3	5.3	5.3	11.5	12.1	12.1	12.5
Carpenters.....	16.9	8.8	5.9	6.0	9.4	12.3	10.1	9.4	2.1	2.4	2.4	2.3
Construction craftsmen, except carpenters.....	14.6	7.7	5.0	8.9	8.8	10.7	8.9	8.9	4.1	4.2	4.3	4.4
Mechanics and repairmen.....	3.8	3.4	3.1	4.0	3.6	4.7	3.6	3.6	2.0	2.2	1.9	2.0
Metal craftsmen, except mechanics.....	3.6	3.3	3.5	3.4	3.4	6.2	4.5	4.4	.9	1.4	1.3	1.3
Other craftsmen and kindred workers.....	3.2	4.4	3.5	2.5	3.4	3.4	3.3	3.7	1.5	1.3	1.6	1.7
Foremen, not elsewhere classified.....	2.7	2.8	2.2	2.9	2.6	2.6	2.1	2.3	.8	.6	.6	.7
Operatives and kindred workers.....	9.3	7.1	7.0	6.6	7.5	9.6	8.0	7.6	24.4	26.0	26.5	25.5
Drivers and deliverymen.....	8.1	5.5	4.6	4.6	5.7	6.7	5.5	5.0	3.5	3.5	3.5	3.3
Other operatives and kindred workers.....	9.6	7.5	7.5	7.1	7.9	10.3	8.6	8.2	20.8	22.5	23.0	22.2
Durable goods manufacturing.....	9.2	6.9	7.9	6.6	7.6	11.7	9.0	8.5	7.5	9.2	8.7	8.5
Nondurable goods manufacturing.....	9.9	8.6	7.7	7.8	8.5	9.7	8.9	8.3	7.7	7.4	8.3	7.6
Other industries.....	9.8	6.9	6.8	7.0	7.6	9.2	7.9	7.7	5.7	5.8	6.1	6.1
Private household workers.....	4.8	5.1	5.1	4.6	4.9	5.9	4.9	4.8	3.0	3.0	2.9	2.9
Service workers, except private household.....	6.8	6.5	6.4	6.1	6.4	7.4	6.0	6.4	11.1	10.6	9.9	10.5
Protective service workers.....	2.7	3.1	2.6	2.7	2.8	3.7	2.4	3.2	.6	.6	.5	.7
Waiters, cooks, and bartenders.....	9.5	9.2	9.4	7.9	9.0	10.2	8.5	8.6	4.4	4.0	4.0	4.0
Other service workers.....	6.3	5.8	5.8	5.9	6.0	6.9	5.5	6.0	6.1	5.9	5.4	5.8
Farm laborers and foremen.....	7.7	3.4	2.6	5.2	4.3	5.7	5.2	5.1	2.6	3.1	3.6	3.6
Paid workers.....	11.6	5.6	4.1	7.3	6.7	9.0	8.1	8.6	2.5	3.1	3.5	3.6
Unpaid family workers.....	.3	.2	.2	1.2	.4	.2	.4	.1	.1	(²)	.1	(²)
Laborers, except farm and mine.....	17.2	11.8	8.9	12.3	12.4	14.5	12.5	12.4	12.5	12.2	13.3	13.9
Construction.....	30.5	18.8	12.6	21.0	20.4	21.7	19.3	19.0	4.8	4.3	4.8	5.2
Manufacturing.....	13.7	11.5	9.3	11.4	11.4	15.3	12.0	11.1	3.3	3.7	3.9	3.9
Other industries.....	12.7	8.9	6.9	8.6	9.1	10.4	9.3	9.7	4.5	4.2	4.5	4.9
Persons with no previous work experience ²									13.4	12.2	11.6	11.6

¹ See footnote 1, table SA-30.
² Less than 0.05 percent.

³ See footnote 3, table SA-30.

Table SA-32: UNEMPLOYMENT RATES, BY COLOR, MARITAL STATUS, AGE, AND SEX, 1962
 [Unemployed as percent of civilian labor force in category]

Age and sex	Color			Marital status		
	Total	White	Nonwhite	Married, spouse present	Single	Other ¹
Both sexes, 14 years and over.....	5.6	4.9	11.0	4.1	9.9	7.5
Male.....	5.3	4.6	11.0	3.6	11.2	9.9
14 to 17 years.....	12.9	12.1	19.9	(?)	12.8	(?)
18 and 19 years.....	13.8	12.7	21.8	8.5	14.5	(?)
20 to 24 years.....	8.9	8.0	14.6	6.5	12.2	15.4
25 to 34 years.....	4.5	3.8	10.5	3.4	9.3	10.0
35 to 44 years.....	3.6	3.1	8.6	3.0	8.0	9.7
45 to 64 years.....	4.2	3.7	8.8	3.6	6.4	10.0
65 years and over.....	4.6	4.1	11.9	4.0	5.9	7.3
Female.....	6.2	5.5	11.1	5.4	7.9	6.4
14 to 17 years.....	12.9	11.7	24.1	(?)	12.6	(?)
18 and 19 years.....	13.5	11.3	31.2	15.2	12.9	(?)
20 to 24 years.....	9.1	7.7	18.2	9.9	7.6	12.3
25 to 34 years.....	6.5	5.4	11.5	6.5	4.7	8.8
35 to 44 years.....	5.2	4.5	8.9	5.0	3.5	7.0
45 to 64 years.....	3.9	3.6	5.9	3.6	2.0	5.1
65 years and over.....	4.1	4.0	3.7	2.4	2.6	4.8

¹Includes widowed, divorced, and married—spouse absent.

²Percent not shown where base is less than 50,000.

Table SA-33: UNEMPLOYMENT RATES AND PERCENT DISTRIBUTION OF THE UNEMPLOYED, BY MAJOR OCCUPATION GROUP AND COLOR, 1962

Major occupation group	Unemployed as percent of civilian labor force in category		Percent distribution of unemployed		Nonwhite unemployed as percent of all unemployed in category
	White	Nonwhite	White	Nonwhite	
Total unemployed.....	4.9	11.0	100.0	100.0	21.9
Experienced workers ¹	4.3	9.7	86.5	86.8	22.0
Professional, technical, and kindred workers.....	1.7	3.1	4.1	1.4	8.5
Farmers and farm managers.....	.2	1.0	.2	.8	(?)
Managers, officials, and proprietors, except farm.....	1.4	3.6	3.3	.8	6.3
Clerical and kindred workers.....	3.8	7.1	12.0	4.4	9.4
Sales workers.....	4.0	10.2	5.6	1.5	7.0
Craftsmen, foremen, and kindred workers.....	4.8	9.7	13.3	5.2	10.0
Operatives and kindred workers.....	6.9	12.0	25.0	21.8	19.7
Private household workers.....	3.1	7.1	1.3	9.1	66.1
Service workers, except private household.....	5.3	10.8	9.2	17.7	35.1
Farm laborers and foremen.....	3.9	6.8	2.2	4.1	35.0
Laborers, except farm and mine.....	11.0	15.8	10.3	20.5	35.9
Persons with no previous work experience ²			13.5	13.2	21.6

¹ See footnote 1, table SA-30.

²Percent not shown where base is less than 50,000.

³ See footnote 3, table SA-30.

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Table SA-34: UNEMPLOYMENT RATES AND PERCENT DISTRIBUTION OF THE UNEMPLOYED, BY AGE, SEX, AND MAJOR OCCUPATION GROUP, 1962

Major occupation group	Unemployed as percent of civilian labor force in category					Percent distribution of unemployed				
	All age groups	14 to 19 years	20 to 24 years	25 to 44 years	45 years and over	All ages groups	14 to 19 years	20 to 24 years	25 to 44 years	45 years and over
MALE										
Experienced workers: ¹ Number (thousands)-----	2,205	244	339	839	783	2,205	244	339	839	783
Percent-----	4.7	7.3	8.0	4.0	4.2	100.0	100.0	100.0	100.0	100.0
Professional, technical, and kindred workers-----	1.7	9.7	3.2	1.2	1.9	4.1	2.9	4.1	4.5	4.0
Farmers and farm managers-----	.3			.4	.2	.3			.4	.4
Managers, officials, and proprietors, except farm-----	1.4	(?)	2.6	1.4	1.3	4.0	1.2	1.5	4.6	5.4
Clerical and kindred workers-----	3.4	6.6	5.0	2.6	3.0	5.0	7.0	6.8	4.5	4.2
Sales workers-----	3.0	2.4	5.6	2.8	2.9	3.8	4.1	3.8	3.9	3.4
Craftsmen, foremen, and kindred workers-----	5.0	9.2	6.9	4.1	5.5	20.2	5.7	12.4	21.7	26.1
Operatives and kindred workers-----	6.6	9.5	9.6	5.6	6.2	27.8	25.8	33.5	29.4	24.2
Private household workers-----	4.8	(?)			(?)	.1	.4			.1
Service workers, except private household-----	6.3	9.9	10.7	5.0	5.4	9.1	15.2	9.7	6.4	9.8
Farm laborers and foremen-----	5.1	4.0	6.3	5.2	5.8	3.7	9.4	3.8	2.6	3.1
Laborers, except farm and mine-----	12.3	9.3	15.5	12.7	12.2	22.0	28.3	24.4	21.8	19.3
FEMALE										
Experienced workers: ¹ Number (thousands)-----	1,264	157	223	527	358	1,264	157	223	527	358
Percent-----	5.2	6.5	8.0	5.5	3.8	100.0	100.0	100.0	100.0	100.0
Professional, technical, and kindred workers-----	1.8	4.8	3.5	1.9	1.1	4.1	1.9	6.2	4.4	3.7
Farmers and farm managers-----	.8									
Managers, officials, and proprietors, except farm-----	1.9		(?)	2.2	1.4	1.7		.9	1.7	2.8
Clerical and kindred workers-----	4.2	4.7	5.9	4.3	2.8	24.1	24.4	33.8	24.8	16.9
Sales workers-----	5.8	9.2	12.4	5.4	4.1	8.2	13.5	6.2	6.5	9.6
Craftsmen, foremen, and kindred workers-----	7.1	(?)	(?)	7.3	5.6	1.3	.6	1.3	1.5	1.7
Operatives and kindred workers-----	9.7	13.4	13.4	9.8	8.1	28.7	16.0	21.8	32.6	32.9
Private household workers-----	4.9	3.8	10.3	6.9	3.7	9.3	14.7	6.7	8.0	10.7
Service workers, except private household-----	6.6	9.9	12.6	6.4	4.5	19.4	23.7	20.0	17.9	19.1
Farm laborers and foremen-----	2.9	5.2	(?)	2.5	1.6	1.7	3.8	1.8	1.3	1.4
Laborers, except farm and mine-----	15.9	(?)	(?)	(?)	(?)	1.3	1.3	1.3	1.3	1.4

¹ See footnote 1, table SA-30.

² Percent not shown where base is less than 50,000.

Table SA-35: UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT, 1959-62

[Thousands of persons 14 years of age and over]

Period	Total	Duration of unemployment									Average duration of unemployment (weeks)	Percent unemployed		Unemployed persons	
		1 week or less	2 weeks	3 weeks	4 weeks	5 and 6 weeks	7 to 10 weeks	11 to 14 weeks	15 to 26 weeks	Over 26 weeks		Less than 5 weeks	15 weeks or more	On temporary layoff (less than 30 days)	Waiting to begin new jobs within 30 days
1959-----	3,813	434	496	405	323	304	474	335	469	571	14.5	43.5	27.3	128	134
1960-----	3,931	491	520	430	358	324	499	353	502	454	12.8	45.8	24.3	147	119
1961-----	4,806	484	528	464	421	377	587	411	728	804	15.5	39.5	31.9	149	129
1962-----	4,007	484	500	403	367	334	478	323	534	585	14.7	43.8	27.9	121	125
1962: January-----	4,663	429	571	585	388	416	682	359	581	672	14.5	42.3	26.9	186	100
February-----	4,543	387	418	360	355	383	750	459	728	703	16.1	33.5	31.5	95	82
March-----	4,382	505	380	345	349	280	464	576	750	734	16.5	36.0	33.9	115	80
April-----	3,946	426	456	319	326	243	386	307	764	719	16.9	38.7	37.6	93	107
May-----	3,719	433	407	328	355	298	411	212	608	666	16.8	41.0	34.3	107	111
June-----	4,463	789	730	602	415	285	379	230	449	584	12.8	56.8	23.1	96	211
July-----	4,018	508	485	390	422	572	465	255	345	576	13.5	44.9	22.9	128	152
August-----	3,932	484	491	374	352	309	631	358	341	593	14.5	43.2	23.7	183	248
September-----	3,512	547	498	332	304	280	350	295	428	477	14.0	47.9	25.8	107	154
October-----	3,294	378	448	358	362	303	351	229	418	447	14.4	46.9	26.3	114	95
November-----	3,801	526	579	448	406	273	411	292	469	397	12.6	51.5	22.8	116	94
December-----	3,817	395	532	396	375	367	473	300	525	453	13.5	44.5	25.6	117	63

Table SA-36: UNEMPLOYED PERSONS, BY DURATION OF UNEMPLOYMENT AND SELECTED CHARACTERISTICS, 1962

[Percent distribution]

Characteristic	Total unemployed (thousands)	Unemployed by duration of unemployment					Average duration of unemployment (weeks)	Unemployed by selected characteristics				
		Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Less than 5 weeks	5 to 14 weeks	15 weeks and over		
										Total	15 to 26 weeks	27 weeks and over
AGE AND SEX												
Both sexes, 14 years and over.....	4,007	100.0	43.8	28.3	13.3	14.6	14.7	100.0	100.0	100.0	100.0	100.0
Male.....	2,488	100.0	40.4	29.2	13.9	18.5	18.3	57.4	64.1	67.4	64.8	69.8
14 to 17 years.....	252	100.0	58.6	27.8	8.7	7.9	9.3	8.0	6.2	3.7	4.1	3.4
18 to 24 years.....	601	100.0	45.8	30.3	12.5	11.3	12.5	15.7	16.0	12.8	14.0	11.6
25 to 44 years.....	649	100.0	39.6	31.1	13.4	15.9	16.1	19.2	23.3	22.2	21.3	23.0
45 to 64 years.....	682	100.0	33.1	27.3	16.7	22.9	20.9	12.9	16.4	24.2	21.3	26.6
65 years and over.....	103	100.0	26.9	23.1	20.2	29.8	26.6	1.6	2.1	4.6	3.9	5.3
Female.....	1,519	100.0	49.2	26.8	12.4	11.6	12.1	42.6	35.9	32.6	35.2	30.2
14 to 17 years.....	155	100.0	61.3	26.5	7.7	4.5	7.0	5.4	3.6	1.8	2.2	1.2
18 to 24 years.....	444	100.0	53.8	27.5	9.9	8.8	9.9	13.6	10.7	7.3	8.2	6.6
25 to 44 years.....	551	100.0	47.5	26.1	13.8	12.5	12.7	14.9	12.7	13.0	14.2	11.8
45 to 64 years.....	534	100.0	41.9	26.9	15.3	15.9	15.2	8.0	7.9	9.3	9.6	9.0
65 years and over.....	(¹)							.7	1.0	1.2	.9	1.5
COLOR AND SEX												
Total.....	4,007	100.0	43.8	28.3	13.3	14.6	14.7	100.0	100.0	100.0	100.0	100.0
White.....	3,129	100.0	44.9	28.6	13.1	13.4	13.9	80.1	78.9	74.1	76.8	71.6
Male.....	1,969	100.0	41.5	29.7	13.8	15.0	15.4	46.6	51.5	50.7	50.9	50.4
Female.....	1,160	100.0	50.7	26.7	11.9	10.7	11.3	33.5	27.3	23.4	25.8	21.2
Nonwhite.....	879	100.0	39.7	27.3	14.1	18.9	17.7	19.9	21.1	25.9	23.2	28.4
Male.....	519	100.0	36.6	27.4	14.3	21.8	19.8	10.8	12.5	16.7	13.9	19.3
Female.....	360	100.0	44.2	27.2	13.9	14.7	14.5	9.1	8.6	9.2	9.4	9.1
MAJOR INDUSTRY GROUP												
Total.....	4,007	100.0	43.8	28.3	13.3	14.6	14.7	100.0	100.0	100.0	100.0	100.0
Agriculture.....	142	100.0	54.9	28.2	9.9	7.0	9.7	4.4	3.5	2.1	2.6	1.7
Nonagricultural industries.....	3,327	100.0	42.5	28.4	13.8	15.3	15.3	80.7	83.3	86.5	85.7	87.0
Wage and salary workers.....	3,230	100.0	42.4	28.5	13.8	15.4	15.3	78.2	81.0	84.1	83.3	84.8
Forestry, fisheries, and mining.....	57	100.0	36.8	24.6	17.5	21.1	20.2	1.2	1.2	2.0	1.9	2.1
Construction.....	483	100.0	41.9	32.2	15.4	10.6	12.9	11.5	13.7	11.2	13.9	8.7
Manufacturing.....	1,049	100.0	40.8	27.9	14.5	16.8	16.6	24.5	25.8	29.4	28.5	30.1
Durable goods.....	578	100.0	38.2	27.8	14.9	19.2	18.5	12.6	14.2	17.6	16.1	19.0
Nondurable goods.....	471	100.0	44.2	28.0	14.0	13.8	14.2	11.9	11.6	11.7	12.4	11.1
Transportation and public utilities.....	178	100.0	36.0	31.5	11.8	20.8	20.1	3.6	4.9	6.2	3.9	6.3
Wholesale and retail trade.....	686	100.0	43.0	27.8	13.1	16.0	14.9	16.8	16.8	17.8	16.9	18.8
Service and finance.....	699	100.0	47.4	27.3	11.7	13.6	13.4	18.9	16.8	16.8	15.4	16.2
Public administration.....	78	100.0	37.2	24.4	19.2	19.2	19.3	1.7	1.7	2.7	2.8	2.6
Self-employed and unpaid family workers.....	97	100.0	45.8	27.1	13.5	13.5	14.2	2.5	2.3	2.4	2.4	2.2
Persons with no previous work experience ²	538	100.0	48.4	27.8	11.5	12.2	12.5	14.9	13.2	11.4	11.6	11.3
MAJOR OCCUPATION GROUP												
Total.....	4,007	100.0	43.8	28.3	13.3	14.6	14.7	100.0	100.0	100.0	100.0	100.0
Professional, technical, and kindred workers.....	141	100.0	50.7	25.4	11.3	12.7	12.0	4.1	3.2	2.9	3.0	3.1
Farmers and farm managers.....	(¹)							.2	.2	.1		.2
Managers, officials, and proprietors, except farm.....	111	100.0	39.6	24.3	15.3	20.7	17.3	2.5	2.4	3.6	3.2	3.9
Clerical and kindred workers.....	415	100.0	45.7	27.6	12.3	14.4	13.7	10.8	10.2	9.9	9.6	10.2
Sales workers.....	187	100.0	44.7	30.3	10.1	14.9	14.1	4.8	5.0	4.1	3.6	4.8
Craftsmen, foremen, and kindred workers.....	462	100.0	39.4	30.7	16.0	13.9	15.1	10.4	12.5	12.3	13.9	10.9
Operatives and kindred workers.....	975	100.0	41.7	29.3	13.6	15.5	15.6	23.1	25.2	25.4	24.7	25.7
Private household workers.....	121	100.0	50.8	24.2	11.7	13.3	13.0	3.5	2.6	2.7	2.6	2.7
Service workers, except private household.....	445	100.0	43.2	26.8	13.7	16.2	15.7	10.9	10.5	11.9	11.4	12.3
Farm laborers and foremen.....	103	100.0	56.7	26.9	9.6	6.7	9.1	3.4	2.5	1.5	1.9	1.2
Laborers, except farm and mine.....	502	100.0	39.8	28.5	15.5	16.1	16.7	11.4	12.6	14.2	14.6	13.8
Persons with no previous work experience ²	538	100.0	48.4	27.8	11.5	12.2	12.5	14.9	13.2	11.3	11.6	11.2

¹ Percent not shown where base is less than 50,000.² See footnote 3, table SA-30.

**ESTABLISHMENT DATA
EMPLOYMENT**

Table SB-1: Employees on nonagricultural payrolls, by industry

Industry	(In thousands)									
	All employees					Production workers ¹				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
TOTAL	55,841	54,224	54,370	53,404	51,423	-	-	-	-	-
MINING	652	672	712	732	751	514	532	570	590	611
METAL MINING	82.8	87.4	93.8	83.7	93.2	67.9	71.7	77.3	67.3	76.4
Iron ores	25.5	26.9	33.2	27.7	31.8	21.3	22.3	28.6	23.0	26.8
Copper ores	28.5	29.0	28.3	23.3	27.7	23.4	23.8	22.6	18.5	22.7
COAL MINING	151.7	161.3	186.1	198.2	215.1	133.4	141.8	164.6	177.0	195.0
Bituminous	139.8	147.1	168.5	178.5	193.0	123.0	129.3	149.2	159.4	175.1
CRUDE PETROLEUM AND NATURAL GAS	299.2	303.1	309.2	329.5	327.5	214.0	218.8	225.6	244.2	242.9
Crude petroleum and natural gas fields	167.4	171.3	178.2	185.4	192.4	99.7	104.5	111.2	117.8	124.5
Oil and gas field services	131.8	131.8	131.1	144.2	135.0	114.3	114.3	114.4	126.4	118.4
QUARRYING AND NONMETALLIC MINING	118.7	119.8	123.0	120.4	114.9	98.6	99.5	102.6	101.2	96.4
CONTRACT CONSTRUCTION	2,909	2,816	2,885	2,960	2,778	2,468	2,390	2,459	2,538	2,384
GENERAL BUILDING CONTRACTORS	881.1	874.9	908.4	959.0	893.6	754.9	752.6	785.4	834.4	775.2
HEAVY CONSTRUCTION	593.8	583.3	585.7	586.5	564.6	515.3	505.7	511.5	516.8	498.1
Highway and street construction	298.1	291.5	293.6	310.4	282.5	267.7	261.2	262.7	279.7	253.2
Other heavy construction	295.7	291.8	292.1	276.1	282.1	247.6	244.5	248.8	237.1	245.0
SPECIAL TRADE CONTRACTORS	1,434.5	1,357.9	1,390.7	1,414.1	1,320.2	1,197.5	1,131.3	1,162.3	1,186.9	1,110.3
MANUFACTURING	16,859	16,327	16,796	16,675	15,945	12,494	12,085	12,586	12,603	11,997
DURABLE GOODS	9,493	9,072	9,459	9,373	8,830	6,946	6,620	7,028	7,033	6,579
NONDURABLE GOODS	7,367	7,255	7,336	7,303	7,116	5,548	5,464	5,558	5,570	5,419
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	270.7	234.7	202.2	176.5	145.4	119.7	106.8	94.6	85.7	74.8
Ammunition, except for small arms	183.4	153.3	119.3	92.4	64.4	68.2	58.9	47.0	36.8	26.9
Sighting and fire control equipment	32.1	33.6	39.5	42.6	41.4	13.5	14.8	18.0	20.2	20.7
Other ordnance and accessories	55.1	47.8	43.4	41.5	39.6	38.0	33.1	29.7	28.6	27.3
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	588.7	582.9	626.8	658.8	615.0	526.2	518.4	561.1	592.2	549.4
Logging camps and logging contractors	83.0	84.6	91.0	94.4	87.2	78.2	78.7	85.6	88.5	79.9
Sawmills and planing mills	255.7	257.9	287.5	305.2	287.0	233.0	233.5	262.0	279.9	262.7
Sawmills and planing mills, general	221.5	224.6	252.2	268.9	254.0	201.7	203.3	229.7	246.7	232.8
Millwork, plywood, and related products	151.9	143.2	146.5	156.1	142.0	128.6	120.9	123.8	132.9	119.7
Millwork	66.9	64.4	67.2	73.5	67.5	54.1	51.7	53.9	59.4	54.2
Veneer and plywood	68.4	63.4	64.7	66.9	60.7	63.2	58.4	59.7	61.9	55.8
Wooden containers	36.4	38.4	41.8	43.4	43.2	33.0	34.7	37.9	39.4	39.2
Wooden boxes, shooks, and crates	27.5	28.8	31.5	32.7	33.2	24.8	25.9	28.5	29.6	30.0
Miscellaneous wood products	61.8	59.0	60.0	59.8	55.7	53.5	50.7	51.8	51.7	47.8

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**
Table SB-1: Employees on nonagricultural payrolls, by industry--Continued

Industry	(In thousands)									
	All employees					Production workers ¹				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>										
FURNITURE AND FIXTURES	385.1	367.5	383.0	385.0	360.8	319.7	303.9	318.5	321.0	298.7
Household furniture	276.0	262.0	271.9	277.8	260.3	235.7	223.5	233.0	238.6	221.9
Wood house furniture, unupholstered	142.0	132.8	138.2	139.4	130.2	126.1	117.2	122.4	123.6	114.9
Wood house furniture, upholstered	67.9	65.0	67.4	67.7	63.0	57.0	55.0	57.5	58.0	53.7
Mattresses and bedspreads	34.1	33.9	36.0	38.4	35.9	26.6	26.8	28.5	30.6	28.3
Office furniture	27.8	26.6	27.8	26.6	25.2	22.3	21.0	22.4	21.6	20.4
Partitions; office and store fixtures	40.6	38.2	39.9	36.8	35.7	30.5	28.2	29.9	27.5	26.8
Other furniture and fixtures	40.7	40.7	43.3	43.9	39.6	31.3	31.2	33.1	33.4	29.6
STONE, CLAY, AND GLASS PRODUCTS	594.0	582.0	604.0	604.0	562.4	479.1	469.4	491.8	496.2	457.9
Flat glass	30.4	29.9	33.2	34.3	29.2	25.2	25.5	28.8	30.2	25.3
Glass and glassware, pressed or blown	109.6	106.6	106.5	100.2	96.5	93.2	89.5	89.8	84.8	81.2
Glass containers	63.7	62.0	60.0	57.2	55.7	56.0	54.4	52.7	50.1	48.9
Pressed and blown glassware, n.e.c.	45.9	44.6	46.4	43.0	40.7	37.2	35.1	37.1	34.6	32.4
Cement, hydraulic	40.1	40.2	42.8	43.9	44.4	32.1	32.3	34.9	36.2	36.7
Structural clay products	68.3	70.4	76.3	77.8	74.5	58.3	60.2	66.0	67.7	64.7
Brick and structural clay tile	30.2	31.7	33.8	34.4	33.1	27.0	28.4	30.4	31.1	30.0
Pottery and related products	43.8	42.9	46.7	47.7	45.3	37.2	36.4	39.9	41.0	39.0
Concrete, gypsum, and plaster products	164.4	158.5	159.9	159.0	140.1	128.9	124.7	127.1	128.8	111.9
Other stone and mineral products	118.9	116.4	121.6	124.0	116.4	88.8	86.8	91.2	93.2	85.8
Abrasive products	23.3	21.8	24.6	27.8	26.9	14.0	12.7	14.5	16.6	15.6
PRIMARY METAL INDUSTRIES	1,163.8	1,142.7	1,231.2	1,182.6	1,153.5	935.8	914.6	993.8	953.8	928.0
Blast furnace and basic steel products	591.9	595.5	651.4	587.3	601.1	475.5	478.4	528.4	470.9	486.5
Blast furnaces, steel and rolling mills	522.3	526.5	577.1	515.3	531.4	421.4	424.7	470.5	414.7	432.2
Iron and steel foundries	193.6	186.7	204.7	211.8	192.4	163.7	156.6	173.3	181.5	162.7
Gray iron foundries	115.8	112.0	120.7	124.4	113.4	99.2	95.7	103.9	108.3	97.5
Malleable iron foundries	24.1	22.5	26.4	28.4	24.1	20.1	18.5	21.9	24.1	20.2
Steel foundries	53.7	52.2	57.6	59.0	55.0	44.4	42.5	47.5	49.1	45.0
Nonferrous smelting and refining	68.1	66.6	70.3	67.9	71.1	52.6	51.0	54.4	51.8	54.2
Nonferrous rolling, drawing, and extruding	181.3	174.4	178.9	185.4	170.9	139.1	132.5	136.0	143.5	130.3
Copper rolling, drawing, and extruding	46.1	43.9	45.7	49.0	46.0	35.8	33.7	34.8	38.4	35.6
Aluminum rolling, drawing, and extruding	59.3	56.7	57.1	58.9	52.9	45.3	43.0	43.2	45.5	40.3
Nonferrous wire drawing and insulating	59.1	56.5	58.8	60.2	55.8	46.1	43.6	45.7	47.3	43.0
Nonferrous foundries	70.0	63.7	66.4	68.3	59.9	58.1	52.3	54.8	56.9	48.8
Aluminum castings	34.0	31.1	32.1	31.8	28.1	28.4	25.8	26.7	26.7	23.0
Other nonferrous castings	36.0	32.6	34.3	36.5	31.8	29.7	26.5	28.1	30.3	25.7
Miscellaneous primary metal industries	58.9	55.7	59.5	61.9	58.2	46.7	43.7	46.9	49.2	45.6
Iron and steel forgings	40.9	39.3	43.2	46.3	44.4	32.9	31.3	34.5	37.3	35.2
FABRICATED METAL PRODUCTS	1,127.5	1,084.5	1,135.3	1,122.5	1,076.9	863.8	826.0	874.3	868.5	824.5
Metal cans	61.3	59.9	62.3	62.5	62.2	51.2	51.1	53.9	54.5	54.0
Cutlery, hand tools, and general hardware	134.8	127.7	134.9	135.2	124.9	106.2	99.8	106.4	107.4	97.2
Cutlery and hand tools, including saws	52.2	50.3	52.3	53.1	49.8	40.8	39.3	41.0	41.9	39.1
Hardware, n.e.c.	82.6	77.4	82.5	82.1	75.1	65.4	60.6	65.4	65.5	58.1
Heating equipment and plumbing fixtures	74.9	73.2	77.5	80.7	77.7	55.6	54.0	57.9	60.9	58.4
Sanitary ware and plumbers' brass goods	32.2	31.3	32.6	33.5	32.4	26.0	25.2	26.5	27.4	26.7
Heating equipment, except electric	42.7	41.9	45.0	47.2	45.3	29.6	28.7	31.4	33.5	31.7
Fabricated structural metal products	331.5	332.7	339.7	333.2	343.4	234.7	235.6	242.2	237.9	248.5
Fabricated structural steel	94.6	96.7	98.7	92.4	101.5	69.4	70.8	71.9	66.1	74.7
Metal doors, sash, frames, and trim	59.9	57.4	61.1	63.7	62.3	42.9	40.9	44.3	46.4	45.0
Fabricated plate work (boiler shops)	86.5	90.6	94.2	93.8	101.5	55.8	59.2	62.4	63.5	71.3
Sheet metal work	56.8	55.8	55.2	53.0	49.4	42.8	41.8	41.8	40.1	36.9
Architectural and miscellaneous metal work	33.8	32.3	30.6	30.4	28.7	23.9	22.9	21.9	21.8	20.7
Screw machine products, bolts, etc.	87.9	82.1	87.2	87.1	77.9	69.4	64.1	68.6	69.4	60.9
Screw machine products	38.4	36.0	38.1	38.1	32.5	32.4	30.0	31.8	32.1	26.8
Bolts, nuts, screws, rivets, and washers	49.5	46.2	49.1	49.1	45.4	37.0	34.1	36.7	37.3	34.0
Metal stampings	190.4	177.2	195.4	188.4	171.2	153.8	142.0	158.9	152.8	134.1
Coating, engraving, and allied services	67.2	62.5	64.2	63.2	56.0	56.1	51.8	53.8	53.3	47.0
Miscellaneous fabricated wire products	56.7	53.3	56.4	56.3	51.5	45.1	41.9	45.0	45.5	40.9
Miscellaneous fabricated metal products	122.9	115.8	117.6	115.9	112.2	91.8	85.7	87.5	87.0	83.6
Valves, pipe, and pipe fittings	74.4	70.9	72.8	72.4	70.9	53.4	50.5	52.1	52.4	51.0

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

Table SB-1: Employees on nonagricultural payrolls, by industry--Continued

Industry	(In thousands)									
	All employees					Production workers ¹				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>										
MACHINERY	1,489.8	1,419.0	1,479.0	1,452.1	1,362.4	1,036.0	976.7	1,035.9	1,027.2	945.5
Engines and turbines	84.0	79.3	86.3	89.7	89.8	55.7	50.3	55.5	59.3	58.0
Steam engines and turbines	34.7	35.5	36.0	36.1	41.9	19.5	19.7	19.7	20.3	24.2
Internal combustion engines, n.e.c	49.3	43.8	50.3	53.7	47.9	36.2	30.7	35.8	39.1	33.8
Farm machinery and equipment	112.4	108.8	112.3	122.3	112.7	80.5	76.2	78.4	88.8	81.5
Construction and related machinery	210.7	200.9	221.3	225.6	205.3	139.6	129.9	145.5	148.8	130.3
Construction and mining machinery	115.2	111.6	123.6	126.6	108.8	79.1	74.5	82.7	85.0	69.5
Oil field machinery and equipment	33.3	30.7	33.3	35.6	35.9	22.2	20.2	22.1	23.8	23.7
Conveyors, hoists, and industrial cranes	28.3	26.8	29.4	29.3	29.5	18.1	16.7	19.1	18.8	18.6
Metalworking machinery and equipment	261.7	247.5	260.7	245.2	231.0	195.4	182.9	195.9	184.4	171.4
Machine tools, metal cutting types	67.4	64.1	69.5	64.8	64.7	46.2	43.4	48.2	44.3	43.8
Special dies, tools, jigs, and fixtures	91.3	86.0	88.8	85.1	77.8	74.9	70.3	73.4	70.7	64.5
Machine tool accessories	43.1	39.0	42.1	40.8	37.1	31.5	27.9	30.8	30.2	26.6
Miscellaneous metalworking machinery	59.9	58.3	60.3	54.5	51.4	42.8	41.3	43.5	39.2	36.5
Special industry machinery	169.0	161.6	167.9	163.6	160.9	116.8	111.9	118.4	115.4	112.1
Food products machinery	33.3	31.9	32.7	32.5	32.4	21.7	20.9	21.6	21.6	21.3
Textile machinery	38.4	36.8	39.0	37.2	35.0	29.6	28.3	30.5	29.2	26.9
General industrial machinery	227.6	217.2	226.7	221.0	203.6	153.8	146.6	157.2	155.2	139.1
Pumps; air and gas compressors	62.8	61.0	61.7	59.9	58.7	36.6	35.8	37.5	36.5	35.4
Ball and roller bearings	50.3	47.8	51.8	52.4	43.7	40.0	37.8	41.7	42.8	34.4
Mechanical power transmission goods	44.7	42.3	46.1	45.4	41.5	33.0	31.0	34.2	34.0	30.2
Office, computing, and accounting machines	156.3	152.0	146.5	138.2	132.9	97.4	96.3	95.9	92.7	87.8
Computing machines and cash registers	112.4	107.7	101.4	93.9	90.4	66.5	64.7	63.5	60.2	57.1
Service industry machines	100.8	95.4	99.8	97.2	90.2	69.0	64.7	69.7	68.2	61.9
Refrigeration, except home refrigerators	61.9	58.2	60.8	61.3	57.0	42.8	40.0	43.0	43.7	39.7
Miscellaneous machinery	167.4	156.4	157.6	149.2	136.0	128.0	117.9	119.6	114.3	103.3
Machine shops, jobbing and repair	115.6	109.8	108.5	99.7	90.4	89.7	84.3	84.4	78.2	70.5
Machine parts, n.e.c., except electrical	51.7	46.6	49.0	49.5	45.5	38.3	33.7	35.2	36.1	32.8
ELECTRICAL EQUIPMENT AND SUPPLIES	1,579.2	1,474.7	1,467.1	1,396.4	1,249.0	1,060.3	980.5	996.3	969.4	857.3
Electric distribution equipment	167.8	162.8	163.6	157.0	147.3	111.3	106.7	108.5	104.9	96.6
Electric measuring instruments	56.8	52.8	50.4	46.2	40.2	38.0	35.0	34.3	32.1	27.4
Power and distribution transformers	42.2	42.3	44.7	43.2	41.7	28.6	28.1	29.8	28.7	27.3
Switchgear and switchboard apparatus	68.8	67.8	68.5	67.6	65.4	44.7	43.5	44.4	44.2	41.9
Electrical industrial apparatus	185.4	176.6	180.7	175.5	156.2	126.7	119.1	123.9	122.9	104.8
Motors and generators	100.4	97.5	101.3	100.4	91.1	69.6	66.6	70.0	70.9	61.0
Industrial controls	49.2	45.7	45.1	42.3	35.8	32.5	30.0	30.1	29.0	23.5
Household appliances	150.2	148.2	155.4	157.0	147.7	114.8	112.9	119.4	121.8	112.6
Household refrigerators and freezers	47.0	45.7	48.1	48.6	43.8	36.9	36.0	38.4	39.2	34.6
Household laundry equipment	25.2	24.7	25.8	27.4	26.8	18.9	18.3	19.2	20.9	19.9
Electric housewares and fans	33.5	31.2	33.7	32.6	30.1	25.5	23.5	26.0	25.3	23.0
Electric lighting and wiring equipment	143.2	135.6	137.5	134.5	121.3	111.6	105.1	107.0	105.3	93.5
Electric lamps	28.9	27.3	29.3	28.7	26.6	25.1	23.6	25.5	24.8	22.7
Lighting fixtures	50.1	47.8	49.2	48.2	44.5	38.2	36.2	37.2	36.9	33.4
Wiring devices	64.2	60.6	58.9	57.6	50.3	48.3	45.4	44.3	43.6	37.4
Radio and TV receiving sets	110.7	102.8	106.9	113.1	104.4	82.8	75.4	79.2	84.7	77.1
Communication equipment	445.0	404.7	382.3	339.7	296.1	230.4	209.0	206.5	187.2	166.1
Telephone and telegraph apparatus	122.0	113.2	113.7	105.3	101.5	79.4	72.4	74.0	68.1	64.4
Radio and TV communication equipment	323.0	291.5	268.6	234.4	194.6	151.0	136.5	132.5	119.1	101.7
Electronic components and accessories	266.8	243.0	233.5	213.3	178.9	198.8	176.7	170.0	160.9	133.9
Electron tubes	71.0	68.6	73.2	75.8	69.5	49.8	48.0	52.3	55.6	51.6
Electronic components, n.e.c.	195.8	174.4	160.2	137.4	109.4	149.0	128.7	117.8	105.3	82.3
Miscellaneous electrical equipment and supplies	110.0	101.0	107.4	106.3	97.0	84.0	75.7	81.8	81.7	72.7
Electrical equipment for engines	65.9	59.4	64.8	63.1	56.0	50.9	44.9	50.1	49.1	42.5
TRANSPORTATION EQUIPMENT	1,542.3	1,458.8	1,586.7	1,661.9	1,607.3	1,060.7	997.1	1,114.7	1,175.7	1,128.2
Motor vehicles and equipment	691.6	633.1	724.1	692.3	606.5	534.1	479.7	563.3	537.5	452.5
Motor vehicles	272.1	253.7	295.3	272.5	242.2	198.9	180.6	218.2	198.8	166.7
Passenger car bodies	64.8	57.0	65.9	60.5	54.7	52.4	45.4	54.8	50.2	45.1
Truck and bus bodies	31.3	29.6	30.9	28.8	25.4	25.2	23.6	24.9	23.0	19.9
Motor vehicle parts and accessories	303.0	276.3	313.0	309.4	267.7	242.2	218.1	251.1	249.2	208.3
Aircraft and parts	634.6	619.2	645.7	747.6	783.6	350.6	351.5	376.8	458.0	499.4
Aircraft	331.4	324.3	350.8	439.5	448.5	175.9	178.8	203.8	257.4	287.6
Aircraft engines and engine parts	199.4	186.6	173.6	182.8	184.3	108.7	103.9	96.6	104.1	107.5
Other aircraft parts and equipment	103.9	108.4	121.3	145.3	150.8	65.9	68.8	76.4	96.5	104.3
Ship and boat building and repairing	141.3	141.6	141.2	146.5	146.9	118.6	117.6	116.8	122.1	123.8
Ship building and repairing	115.3	116.0	111.8	117.5	122.7	96.8	96.3	92.0	97.1	103.1
Boat building and repairing	26.0	25.6	29.4	29.0	24.3	21.8	21.3	24.8	24.9	20.6
Railroad equipment	40.6	34.7	43.2	40.7	41.4	29.9	24.0	31.6	29.2	28.9
Other transportation equipment	34.2	30.3	32.5	34.8	28.8	27.6	24.3	26.2	28.9	23.6

See footnotes at end of table.

Table SB-1: Employees on nonagricultural payrolls, by industry--Continued

Industry	(In thousands)									
	All employees					Production workers ¹				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>										
INSTRUMENTS AND RELATED PRODUCTS	360.4	347.4	354.3	345.3	323.8	230.4	223.1	232.6	230.3	214.8
Engineering and scientific instruments	73.9	74.4	75.7	72.3	64.5	39.3	40.7	42.7	41.4	36.9
Mechanical measuring and control devices	95.0	89.7	93.1	92.4	86.8	62.1	58.7	62.2	62.3	57.6
Mechanical measuring devices	59.0	55.6	59.6	61.0	59.8	37.5	35.3	38.8	39.9	38.8
Automatic temperature controls	36.0	34.1	33.6	31.3	27.0	24.6	23.4	23.5	22.4	18.8
Optical and ophthalmic goods	40.6	39.2	41.0	39.1	36.0	29.6	29.1	31.0	30.0	27.4
Surgical, medical, and dental equipment	50.1	48.1	47.5	45.4	43.8	34.9	33.4	33.2	31.8	30.7
Photographic equipment and supplies	72.4	69.4	69.3	67.6	67.1	41.6	40.2	41.4	41.3	41.2
Watches and clocks	28.3	26.4	27.9	28.6	25.6	22.9	20.9	22.1	23.5	20.9
MISCELLANEOUS MANUFACTURING INDUSTRIES	391.2	378.2	389.9	387.7	373.0	314.6	303.5	314.3	312.9	299.5
Jewelry, silverware, and plated ware	42.3	42.4	43.6	43.3	41.8	32.9	33.2	34.2	33.9	32.3
Toys, amusement, and sporting goods	102.5	97.7	99.7	97.4	93.0	85.5	81.6	84.1	82.4	78.6
Toys, games, dolls, and play vehicles	62.9	60.1	62.6	62.4	58.8	54.2	51.7	54.0	53.7	50.5
Sporting and athletic goods, n.e.c.	39.6	37.6	37.1	35.1	34.2	31.4	29.9	30.2	28.7	28.1
Pens, pencils, office, and art materials	31.0	30.0	30.4	30.8	30.0	23.2	22.1	22.6	22.8	21.7
Costume jewelry, buttons, and notions	57.8	56.7	59.6	60.0	57.3	48.0	46.8	49.0	49.6	47.1
Other manufacturing industries	157.6	151.4	156.7	156.2	151.0	125.0	119.8	124.4	124.3	119.9
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	1,759.9	1,775.2	1,790.0	1,789.6	1,772.8	1,175.5	1,191.4	1,211.8	1,222.0	1,222.0
Meat products	312.9	319.5	322.6	317.1	319.4	251.6	256.8	259.5	255.7	257.8
Meat packing	196.7	202.7	209.9	207.5	215.1	154.5	158.7	164.8	163.3	170.4
Sausages and other prepared meats	46.8	47.4	47.5	45.5	44.0	33.7	34.2	34.6	33.2	32.2
Poultry dressing and packing	69.4	69.5	65.2	64.2	60.3	63.4	63.9	60.1	59.2	55.2
Dairy products	303.4	310.5	315.8	317.3	319.1	152.2	161.4	169.4	175.2	182.8
Ice cream and frozen desserts	33.7	35.1	36.6	36.5	36.2	18.3	19.1	20.5	20.9	20.8
Fluid milk	215.1	219.1	222.8	224.3	225.1	92.4	99.9	106.7	111.8	118.1
Canned and preserved food, except meats	253.7	249.7	245.7	245.9	238.1	214.9	211.7	209.5	210.1	203.6
Canned, cured, and frozen sea foods	41.8	39.6	39.6	39.8	41.4	37.1	35.3	35.6	36.3	37.9
Canned food, except sea foods	134.6	135.7	134.7	137.4	133.9	111.8	112.3	111.8	114.7	112.0
Frozen food, except sea foods	47.6	43.4	40.3	38.3	32.8	42.5	38.8	36.5	34.5	29.1
Grain mill products	130.8	131.0	130.7	134.1	132.3	91.5	91.4	91.6	93.8	92.9
Flour and other grain mill products	33.8	35.4	36.7	38.8	39.6	22.7	23.6	24.2	25.4	26.1
Prepared feeds for animals and fowls	58.4	57.7	56.4	57.2	54.9	39.8	39.4	39.1	39.8	38.4
Bakery products	293.6	295.9	300.9	300.5	302.2	168.4	169.1	172.8	175.4	180.0
Bread, cake, and perishable products	248.6	251.7	256.4	256.4	257.6	131.5	133.4	136.9	139.8	143.9
Biscuit, crackers, and pretzels	45.0	44.2	44.4	44.1	44.6	36.9	35.6	35.9	35.7	36.1
Sugar	35.3	36.4	36.3	38.1	31.2	29.4	30.3	29.7	31.2	25.7
Confectionery and related products	75.4	76.9	77.5	78.5	78.6	60.1	60.4	61.9	62.9	63.5
Candy and other confectionery products	60.4	62.0	63.1	64.5	64.7	49.0	49.4	51.2	52.6	53.2
Beverages	212.3	213.1	217.0	214.7	212.3	111.7	113.9	117.9	117.8	117.8
Malt liquors	66.6	68.8	71.6	72.1	72.8	44.5	46.0	48.2	48.5	49.1
Bottled and canned soft drinks	107.7	105.2	104.8	101.4	99.1	40.3	39.8	39.9	38.9	39.0
Miscellaneous food and kindred products	142.4	142.3	143.6	143.4	139.6	95.8	96.5	99.6	99.8	97.8
TOBACCO MANUFACTURES	91.0	90.7	94.0	94.5	94.5	79.1	79.6	83.3	83.9	84.1
Cigarettes	37.5	38.0	38.1	36.9	35.8	31.4	32.4	32.9	31.8	31.0
Cigars	23.9	25.5	28.3	29.6	30.7	22.2	23.6	26.4	27.7	28.9
TEXTILE MILL PRODUCTS	902.6	893.4	924.4	945.7	918.8	812.4	805.0	835.1	857.4	832.5
Cotton broad woven fabrics	240.4	243.6	254.0	259.4	262.1	223.4	227.7	238.0	243.5	246.8
Silk and synthetic broad woven fabrics	81.7	82.6	84.4	81.0	79.3	73.9	74.7	76.9	74.2	73.0
Weaving and finishing broad woollens	51.8	51.9	55.6	60.4	57.3	45.9	45.8	49.2	53.9	51.1
Narrow fabrics and small wares	27.6	26.6	27.6	28.5	26.7	24.2	23.2	24.1	24.9	23.3
Knitting	219.4	214.3	215.4	219.8	206.8	198.1	193.8	195.3	199.7	186.9
Full-fashioned hosiery	21.4	26.0	30.1	35.1	38.9	19.2	23.4	27.1	31.7	34.8
Seamless hosiery	83.2	79.2	74.9	72.5	66.3	77.0	73.7	69.9	67.7	61.7
Knit outerwear	64.4	59.8	59.2	53.3	53.3	57.2	53.0	52.8	53.3	47.9
Knit underwear	29.1	28.8	31.0	33.2	30.6	26.1	25.6	27.6	29.8	27.2
Finishing textiles, except wool and knit	74.9	73.4	77.0	77.3	74.8	64.3	63.1	66.5	67.0	64.8
Floor covering	37.4	35.7	37.6	37.6	34.9	31.2	30.0	31.9	31.9	29.1
Yarn and thread	103.3	99.3	102.5	108.3	107.9	95.6	91.9	94.8	100.3	99.7
Miscellaneous textile goods	66.3	65.9	70.2	73.5	69.1	55.9	54.8	58.4	62.0	57.8

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

Table SB-1: Employees on nonagricultural payrolls, by industry--Continued

Industry	(In thousands)									
	All employees					Production workers ¹				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Nondurable Goods--Continued</i>										
APPAREL AND RELATED PRODUCTS	1,266.7	1,214.5	1,233.2	1,225.9	1,171.8	1,125.4	1,079.6	1,098.2	1,091.4	1,039.5
Men's and boys' suits and coats	117.2	114.3	119.6	118.3	115.1	104.9	102.4	107.2	105.9	102.6
Men's and boys' furnishings	319.0	296.3	303.8	297.0	278.1	289.6	268.4	276.3	270.5	252.4
Men's and boys' shirts and nightwear	120.5	112.1	114.0	109.7	104.9	108.3	100.9	102.9	98.8	94.3
Men's and boys' separate trousers	61.4	55.4	56.7	53.8	49.9	57.8	52.1	53.6	51.0	47.2
Work clothing	71.0	67.3	71.4	71.8	66.8	63.9	60.5	64.5	65.2	60.4
Women's, misses', and juniors' outerwear	381.7	368.6	371.2	371.4	359.4	342.2	331.8	334.7	334.0	323.9
Women's blouses, waists, and shirts	45.5	41.7	41.4	41.3	38.9	41.5	38.3	38.2	38.0	35.9
Women's, misses', and juniors' dresses	190.7	189.9	192.0	192.8	188.5	171.4	171.2	173.3	174.1	170.7
Women's suits, skirts, and coats	82.4	81.7	83.2	84.7	86.3	73.4	73.4	75.0	75.8	77.3
Women's and misses' outerwear, n.e.c.	63.1	55.3	54.6	52.5	45.7	55.9	48.8	48.1	46.1	39.9
Women's and children's undergarments	116.5	114.3	117.7	118.5	113.4	103.1	101.5	104.4	105.3	100.2
Women's and children's underwear	76.7	75.8	77.8	78.7	75.0	70.2	69.6	71.5	72.6	68.8
Corsets and allied garments	39.8	38.5	39.9	39.8	38.3	32.9	31.9	32.9	32.8	31.5
Hats, caps, and millinery	32.8	32.4	34.6	37.1	38.0	29.2	29.0	31.0	33.2	33.9
Girls' and children's outerwear	78.4	76.1	76.7	75.4	74.1	70.2	68.0	68.0	66.9	65.4
Children's dresses, blouses, and shirts	36.6	35.5	35.3	34.6	33.6	32.7	31.4	31.0	30.4	29.3
Fur goods and miscellaneous apparel	73.9	71.6	69.9	71.4	68.0	63.9	61.9	60.5	62.0	58.8
Miscellaneous fabricated textile products	147.2	140.9	139.9	136.8	125.8	122.4	116.7	116.1	113.6	102.2
Housefurnishings	52.3	49.7	50.1	51.6	49.3	44.0	41.8	42.5	43.9	41.5
PAPER AND ALLIED PRODUCTS	614.5	601.3	601.1	587.2	564.1	486.0	478.0	479.7	471.8	454.1
Paper and pulp	217.3	219.6	222.7	217.7	211.0	175.2	177.6	180.4	177.2	172.6
Paperboard	65.8	66.3	69.3	70.6	70.1	52.9	53.6	56.4	57.8	57.7
Converted paper and paperboard products	144.5	137.1	132.4	125.1	117.7	108.5	104.3	101.5	97.1	91.0
Bags, except textile bags	33.7	32.2	31.1	30.1	28.8	27.2	25.9	25.2	24.6	23.6
Paperboard containers and boxes	186.9	178.3	176.6	173.7	165.4	149.4	142.6	141.3	139.6	132.8
Folding and setup paperboard boxes	67.9	66.6	68.4	68.8	67.2	56.0	54.9	56.7	57.2	55.8
Corrugated and solid fiber boxes	77.9	73.0	70.8	68.9	64.3	59.9	55.9	54.2	52.8	49.2
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	924.9	917.3	911.3	888.5	872.6	594.0	591.7	588.9	575.1	563.2
Newspaper publishing and printing	324.1	325.9	325.2	318.5	314.1	166.5	168.2	168.3	166.1	162.6
Periodical publishing and printing	70.3	70.7	70.3	69.7	68.8	28.5	29.5	29.5	28.8	28.9
Books	72.5	70.9	69.9	66.8	65.3	44.3	43.1	42.3	40.5	39.5
Commercial printing	296.0	292.4	290.7	284.0	278.1	233.8	232.2	230.6	225.0	220.3
Commercial printing, except lithographic	198.9	198.2	199.0	196.3	194.0	158.1	157.9	158.4	155.9	153.9
Commercial printing, lithographic	86.3	83.5	81.1	76.7	73.7	66.7	65.0	63.1	59.5	57.4
Bookbinding and related industries	49.1	47.7	47.2	45.4	44.0	39.6	38.5	38.2	37.0	35.9
Other publishing and printing industries	113.0	109.6	108.0	104.2	102.3	81.4	80.3	80.0	77.7	76.1
CHEMICALS AND ALLIED PRODUCTS	846.0	827.2	828.2	809.2	794.1	517.2	504.3	509.9	505.6	493.7
Industrial chemicals	283.4	281.8	284.3	278.6	278.6	165.0	163.3	167.7	167.1	166.0
Plastics and synthetics, except glass	161.2	153.4	154.6	149.4	143.0	110.0	103.6	104.6	102.5	96.7
Plastics and synthetics, except fibers	71.5	70.7	72.2	70.0	67.0	46.5	45.5	46.2	45.4	42.9
Synthetic fibers	76.7	71.0	70.8	68.7	66.1	55.0	50.2	50.4	49.8	47.0
Drugs	111.3	108.5	108.7	104.8	103.7	60.0	59.1	59.5	58.4	59.2
Pharmaceutical preparations	82.8	81.3	79.6	75.7	76.5	43.1	42.8	42.4	41.0	42.8
Soap, cleaners, and toilet goods	96.9	94.5	91.2	88.7	85.5	58.6	56.7	55.2	54.5	51.9
Soap and detergents	36.0	34.8	33.6	32.6	32.0	25.2	23.8	22.9	22.0	21.7
Toilet preparations	33.8	32.6	31.6	31.7	29.9	20.6	19.9	19.9	20.5	18.9
Paints, varnishes, and allied products	62.9	62.1	63.2	62.2	60.7	36.0	35.4	36.5	36.3	35.3
Agricultural chemicals	48.3	46.9	45.9	45.5	44.5	32.9	32.2	31.7	31.9	31.0
Fertilizers, complete and mixing only	36.6	35.8	35.3	36.1	35.4	26.5	26.1	26.0	26.6	25.9
Other chemical products	81.9	80.0	80.4	79.9	78.0	54.6	54.0	54.8	54.8	53.7
PETROLEUM REFINING AND RELATED INDUSTRIES	195.0	201.9	211.9	215.5	223.8	125.3	129.9	137.9	139.9	146.9
Petroleum refining	160.5	168.4	177.2	181.4	190.4	100.9	106.1	112.8	115.2	123.0
Other petroleum and coal products	34.5	33.6	34.7	34.1	33.3	24.3	23.8	25.1	24.7	23.8
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	405.8	375.3	379.0	372.7	344.3	314.3	288.3	292.8	289.8	264.4
Tires and inner tubes	99.2	97.7	104.8	104.5	104.1	72.1	70.6	76.8	77.0	76.6
Other rubber products	160.5	148.6	152.8	153.0	139.0	126.6	116.6	120.4	121.2	108.1
Miscellaneous plastic products	146.0	128.9	121.4	115.1	101.2	115.6	101.1	95.7	91.6	79.7
LEATHER AND LEATHER PRODUCTS	360.3	358.2	363.4	374.0	359.2	318.6	316.4	320.9	332.9	318.2
Leather tanning and finishing	31.9	32.3	33.6	36.3	37.1	28.0	28.3	29.6	32.2	33.0
Footwear, except rubber	241.2	239.6	242.6	247.5	237.4	215.7	214.0	216.4	222.6	212.7
Other leather products	87.2	86.3	87.2	90.2	84.6	74.9	74.1	74.9	78.1	72.6

See footnotes at end of table.

ESTABLISHMENT DATA
EMPLOYMENT

Table SB-1: Employees on nonagricultural payrolls, by industry--Continued

	(In thousands)									
	All employees					Production workers ¹				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
TRANSPORTATION AND PUBLIC UTILITIES	3,903	3,903	4,004	4,011	3,976	-	-	-	-	-
RAILROAD TRANSPORTATION	797.1	816.8	885.3	924.8	957.4	-	-	-	-	-
Class I railroads	700.2	717.5	780.5	815.2	840.8	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT	271.1	276.9	284.4	281.3	284.8	-	-	-	-	-
Local and suburban transportation	90.5	98.5	101.4	103.0	105.3	86.3	93.3	95.5	97.3	99.6
Taxicabs	113.2	114.3	120.7	118.9	120.5	-	-	-	-	-
Intercity and rural bus lines	41.4	40.9	40.5	41.4	43.0	38.5	38.2	38.1	38.9	40.5
MQTOR FREIGHT TRANSPORTATION AND STORAGE	879.9	845.1	855.9	844.3	777.8	803.9	772.9	785.7	775.6	709.0
AIR TRANSPORTATION	200.5	195.7	191.2	179.3	165.2	-	-	-	-	-
Air transportation, common carriers	179.5	175.4	171.6	160.9	148.8	-	-	-	-	-
PIPELINE TRANSPORTATION	21.3	22.2	23.1	24.3	25.7	18.2	18.7	19.8	21.0	22.2
OTHER TRANSPORTATION	297.1	303.5	310.0	308.5	294.8	-	-	-	-	-
COMMUNICATION	824.7	828.9	839.7	836.8	860.0	-	-	-	-	-
Telephone communication	687.7	693.3	706.0	707.1	732.1	559.5	567.5	581.9	585.4	610.2
Telegraph communication	37.0	37.5	38.4	39.0	39.6	26.9	27.2	27.9	28.4	28.8
Radio and television broadcasting	95.8	93.9	92.4	88.9	86.9	79.9	79.5	77.9	74.8	72.7
ELECTRIC, GAS, AND SANITARY SERVICES	611.1	613.7	615.0	612.2	610.4	537.1	541.3	545.3	544.8	545.7
Electric companies and systems	246.5	248.6	252.5	253.9	254.4	211.4	213.6	218.7	221.1	222.5
Gas companies and systems	155.1	155.6	154.8	154.1	151.9	137.6	138.6	138.5	138.2	137.6
Combined utility systems	172.7	175.0	175.0	173.7	175.1	156.2	159.1	159.4	158.6	160.2
Water, steam, and sanitary systems	36.7	34.5	32.7	30.5	29.0	32.0	29.9	28.8	27.0	25.4
WHOLESALE AND RETAIL TRADE²	11,582	11,337	11,391	11,127	10,750	8,805	8,674	8,766	8,588	8,311
WHOLESALE TRADE	3,061	2,993	3,004	2,946	2,848	2,630	2,584	2,605	2,562	2,477
Motor vehicles and automotive equipment	228.2	218.6	215.2	207.2	194.3	192.8	184.7	182.8	176.0	163.9
Drugs, chemicals, and allied products	187.0	181.5	179.5	175.9	170.8	156.4	153.0	152.0	149.0	144.6
Dry goods and apparel	131.5	129.4	130.4	125.9	122.0	109.6	110.0	111.6	108.7	104.7
Groceries and related products	487.1	485.6	494.0	491.6	484.9	431.1	430.2	438.7	437.7	433.1
Electrical goods	218.1	211.0	212.6	202.3	199.8	191.0	185.0	187.6	179.5	176.9
Hardware, plumbing, and heating goods	142.3	140.4	144.0	146.0	143.5	123.2	122.1	126.7	129.1	127.0
Machinery, equipment, and supplies	511.8	486.4	479.9	458.7	441.3	436.5	416.5	412.7	396.3	380.2
RETAIL TRADE ²	8,521	8,344	8,388	8,182	7,902	6,175	6,090	6,161	6,026	5,835
GENERAL MERCHANDISE STORES	1,627.0	1,578.1	1,567.8	1,532.3	1,473.4	1,496.8	1,453.9	1,452.0	1,422.1	1,368.0
Department stores	959.6	924.6	917.2	896.9	864.5	881.4	850.4	846.3	829.1	798.9
Limited price variety stores	325.3	323.4	327.5	322.8	314.1	304.1	303.2	309.4	306.0	298.2
FOOD STORES	1,371.4	1,354.6	1,355.8	1,305.4	1,264.5	1,280.2	1,269.9	1,272.7	1,220.3	1,182.3
Grocery, meat, and vegetable stores	1,202.9	1,183.1	1,180.5	1,134.1	1,093.1	1,120.5	1,106.0	1,105.4	1,057.2	1,018.4
APPAREL AND ACCESSORIES STORES	617.2	611.8	619.4	604.5	591.8	560.3	556.3	566.1	553.3	541.7
Men's and boys' apparel stores	100.5	97.3	98.0	96.5	95.3	91.4	88.5	89.8	88.5	87.6
Women's ready-to-wear stores	229.3	228.5	233.2	233.3	232.3	209.0	209.1	214.4	215.1	214.1
Family clothing stores	96.1	95.8	95.2	89.7	85.4	88.9	88.8	88.6	83.7	79.4
Shoe stores	120.9	118.3	121.0	113.3	106.7	107.6	104.9	108.1	101.2	94.9
FURNITURE AND APPLIANCE STORES	389.5	389.0	400.1	395.9	388.4	347.2	349.4	360.5	358.0	351.5
EATING AND DRINKING PLACES	1,722.8	1,664.8	1,654.3	1,602.9	1,528.9	-	-	-	-	-
OTHER RETAIL TRADE	2,792.5	2,745.2	2,790.4	2,740.5	2,655.1	2,490.5	2,460.3	2,509.8	2,471.7	2,391.4
Motor vehicle dealers	642.0	628.8	658.1	652.6	638.6	559.9	552.0	581.6	576.4	564.6
Other vehicle and accessory dealers	152.7	146.6	148.4	141.9	130.0	129.6	124.7	127.9	122.5	112.0
Drug stores	374.3	368.7	367.8	354.8	346.1	348.0	344.5	345.9	335.8	328.4

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

Table SB-1: Employees on nonagricultural payrolls, by industry--Continued

Industry	(In thousands)									
	All employees					Production workers ¹				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
FINANCE, INSURANCE, AND REAL ESTATE	2,798	2,731	2,669	2,594	2,519	-	-	-	-	-
Banking	714.0	693.5	672.5	640.5	616.8	606.7	591.1	574.2	546.9	527.7
Credit agencies other than banks	279.4	270.9	261.0	243.6	229.2	-	-	-	-	-
Savings and loan associations	81.0	75.3	70.4	66.4	60.5	-	-	-	-	-
Personal credit institutions	150.8	151.1	149.3	139.3	133.9	-	-	-	-	-
Security dealers and exchanges	131.8	128.5	114.4	106.7	93.8	122.3	120.6	107.2	99.9	87.6
Insurance carriers	851.4	843.7	831.7	816.9	813.6	768.0	765.2	757.4	745.5	744.1
Life insurance	454.1	455.6	452.4	448.7	447.7	413.0	417.1	414.7	411.6	411.3
Accident and health insurance	51.1	50.1	50.2	49.8	50.1	45.8	44.9	45.4	45.1	45.6
Fire, marine, and casualty insurance	305.7	298.5	288.7	278.0	277.8	273.9	268.3	261.5	252.7	253.5
Insurance agents, brokers, and services	211.9	203.9	196.3	189.7	185.1	-	-	-	-	-
Real estate	532.9	514.3	517.4	520.2	506.8	-	-	-	-	-
Operative builders	48.1	42.8	40.7	44.7	38.4	-	-	-	-	-
Other finance, insurance, and real estate	76.9	76.2	76.0	76.3	73.8	-	-	-	-	-
SERVICES AND MISCELLANEOUS	7,949	7,610	7,392	7,115	6,811	-	-	-	-	-
Hotel and lodging places	596.5	577.3	565.2	546.8	526.7	-	-	-	-	-
Hotels, tourist courts, and motels	539.9	521.2	508.6	490.3	472.2	509.2	494.0	482.5	465.4	448.5
Personal services:										
Laundries, cleaning and dyeing plants	516.2	517.2	522.7	529.1	529.7	377.7	383.1	390.5	396.6	398.6
Miscellaneous business services:										
Advertising	107.9	107.2	108.8	105.5	101.5	-	-	-	-	-
Motion pictures	176.3	186.5	189.6	195.1	199.1	-	-	-	-	-
Motion picture filming and distributing	39.4	46.8	44.1	44.9	43.6	24.6	29.1	29.0	30.7	30.4
Motion picture theaters and services	136.9	139.7	145.6	150.2	155.5	-	-	-	-	-
Medical services:										
Hospitals	1,246.7	1,188.9	1,131.2	1,068.1	1,008.3	-	-	-	-	-
GOVERNMENT	9,188	8,828	8,520	8,190	7,893	-	-	-	-	-
FEDERAL GOVERNMENT³	2,340	2,279	2,270	2,233	2,191	-	-	-	-	-
Executive	2,310.6	2,250.9	2,242.6	2,205.2	2,164.2	-	-	-	-	-
Department of Defense	963.3	943.7	940.6	966.2	960.3	-	-	-	-	-
Post Office Department	597.2	596.7	586.7	574.5	562.8	-	-	-	-	-
Other agencies	750.2	710.5	715.3	664.5	641.1	-	-	-	-	-
Legislative	23.7	23.2	22.6	22.5	22.1	-	-	-	-	-
Judicial	5.5	5.1	4.9	4.8	4.7	-	-	-	-	-
STATE AND LOCAL GOVERNMENT	6,849	6,548	6,250	5,957	5,702	-	-	-	-	-
State government	1,726.4	1,663.6	1,592.7	1,541.1	1,470.9	-	-	-	-	-
State education	567.7	530.8	504.5	476.5	444.5	-	-	-	-	-
Other State government	1,158.8	1,132.8	1,088.2	1,064.6	1,026.4	-	-	-	-	-
Local government	5,122.1	4,884.5	4,657.0	4,416.2	4,230.9	-	-	-	-	-
Local education	2,832.3	2,644.2	2,478.8	2,300.2	2,163.4	-	-	-	-	-
Other local government	2,289.8	2,240.3	2,178.2	2,116.0	2,067.5	-	-	-	-	-

¹ For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; and for all other industries, to nonsupervisory workers.

² Data for nonsupervisory workers exclude eating and drinking places.

³ Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

**ESTABLISHMENT DATA
STATE EMPLOYMENT**
Table SB-2: Employees on nonagricultural payrolls, by industry division and State

State	(In thousands)								
	TOTAL			Mining			Contract construction		
	1962	1961	1960	1962	1961	1960	1962	1961	1960
Alabama	790.8	774.6	776.4	10.3	11.8	13.0	40.6	41.0	43.2
Alaska	57.6	56.0	56.6	1.2	1.2	1.1	3.8	4.1	5.9
Arizona	363.2	347.1	333.8	15.5	15.3	15.2	31.5	31.3	31.6
Arkansas	396.1	376.4	367.3	5.3	5.4	5.5	23.9	22.4	20.3
California	5,209.4	4,995.7	4,894.4	29.9	30.3	30.6	296.4	287.2	286.7
Colorado	548.8	536.7	515.4	12.8	14.5	15.4	36.3	37.3	33.5
Connecticut	948.8	923.9	916.8	(1)	(1)	(1)	44.2	43.7	44.6
Delaware	154.3	151.7	153.8	(2)	(2)	(2)	10.8	11.1	10.5
District of Columbia	566.8	548.3	535.5	(2)	(2)	(2)	23.6	22.0	20.8
Florida	1,382.6	1,333.9	1,320.6	8.5	8.6	8.5	112.3	109.8	121.8
Georgia	1,096.7	1,053.3	1,051.1	5.4	5.5	5.6	57.9	51.9	55.3
Hawaii	195.7	194.3	188.7	(2)	(2)	(2)	15.2	17.2	17.6
Idaho	164.6	159.1	155.2	3.3	3.3	2.5	11.5	10.4	9.6
Illinois	3,561.3	3,482.7	3,517.7	27.4	28.0	28.9	153.9	161.6	166.4
Indiana	1,459.7	1,408.4	1,431.4	9.5	9.6	9.7	57.1	60.0	63.9
Iowa	683.3	676.5	678.8	3.4	3.3	3.3	31.9	34.2	36.6
Kansas	570.4	561.1	559.0	15.7	16.1	17.0	35.6	35.5	33.9
Kentucky	669.4	653.6	630.6	29.4	31.3	34.0	41.1	36.0	35.9
Louisiana	794.7	780.6	789.8	43.8	44.0	44.1	53.5	52.2	54.9
Maine	280.4	276.9	277.5	(2)	(2)	(2)	13.4	13.3	13.6
Maryland	948.3	910.5	986.4	2.5	2.5	2.5	67.1	61.3	61.4
Massachusetts	1,952.1	1,929.6	1,916.7	(2)	(2)	(2)	78.5	77.7	78.2
Michigan	2,323.0	2,246.0	2,350.7	13.1	13.4	15.5	85.8	91.2	97.2
Minnesota	982.3	957.6	959.8	14.3	15.0	18.1	53.8	53.0	55.4
Mississippi	424.5	408.7	404.0	6.4	6.3	6.7	22.5	23.6	22.5
Missouri	1,354.6	1,331.2	1,347.9	6.9	7.6	8.2	65.5	64.1	64.0
Montana	170.0	167.1	166.8	6.9	7.1	7.4	12.3	11.3	11.0
Nebraska	392.9	387.3	381.2	2.5	2.7	2.7	23.9	24.6	24.4
Nevada	123.8	109.7	103.4	2.9	3.2	3.5	11.2	8.6	7.8
New Hampshire	204.8	198.7	197.6	.3	.3	.3	10.1	9.6	9.8
New Jersey	2,080.5	2,026.8	2,012.7	3.4	3.4	3.5	98.8	99.4	98.1
New Mexico	241.8	236.2	236.3	18.6	19.7	20.4	17.0	17.1	18.8
New York	6,270.7	6,153.4	6,173.0	8.7	8.5	9.1	272.0	256.1	261.8
North Carolina	1,251.1	1,209.1	1,195.5	3.4	3.4	3.3	68.0	66.6	65.2
North Dakota	127.2	126.4	126.3	1.7	2.0	1.9	10.5	9.7	9.9
Ohio	3,093.9	3,044.6	3,147.2	19.1	19.2	20.1	127.2	135.4	144.9
Oklahoma	602.0	586.7	581.6	43.8	45.0	45.1	34.7	33.7	34.4
Oregon	523.7	509.1	509.2	1.3	1.2	1.2	26.2	24.5	26.1
Pennsylvania	3,689.7	3,640.8	3,717.0	49.3	51.5	58.4	151.6	147.7	157.4
Rhode Island	295.4	291.6	291.7	(2)	(2)	(2)	12.1	12.0	11.9
South Carolina	607.2	587.0	582.5	1.6	1.6	1.6	35.2	33.7	34.6
South Dakota	150.5	146.7	141.5	2.5	2.4	2.4	13.5	13.2	11.4
Tennessee	964.2	931.6	925.2	7.0	7.3	7.3	49.7	47.7	46.8
Texas	2,630.7	2,544.1	2,531.7	120.8	120.6	122.8	173.8	164.7	161.1
Utah	287.4	274.0	264.8	13.1	13.8	13.8	17.8	15.5	14.9
Vermont	109.3	106.2	107.0	1.2	1.2	1.3	5.5	5.6	6.0
Virginia	1,080.1	1,034.8	1,017.6	15.7	16.1	16.8	75.6	70.3	66.8
Washington	856.0	818.5	812.6	1.9	1.8	1.8	44.9	45.6	44.6
West Virginia	445.6	448.1	460.0	48.1	49.9	56.3	16.3	18.8	18.4
Wisconsin	1,208.4	1,179.9	1,191.9	3.1	3.4	3.8	53.3	55.7	56.0
Wyoming	96.2	96.7	97.2	9.0	9.4	9.7	8.9	9.6	10.9

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT**

Table SB-2: Employees on nonagricultural payrolls, by industry division and State--Continued

(In thousands)

State	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1962	1961	1960	1962	1961	1960	1962	1961	1960
Alabama.....	239.4	230.9	237.0	48.6	48.9	50.1	153.6	150.1	150.8
Alaska.....	5.5	5.1	5.8	7.3	7.2	6.8	8.1	8.2	7.7
Arizona.....	54.6	51.0	49.3	24.6	24.2	24.6	85.3	82.3	79.8
Arkansas.....	112.5	104.5	102.3	28.1	27.8	28.1	84.9	81.6	81.3
California.....	1,386.8	1,317.3	1,315.6	357.0	351.0	356.9	1,118.8	1,080.6	1,067.6
Colorado.....	93.2	92.0	87.7	43.7	43.7	43.7	128.0	125.2	123.6
Connecticut.....	417.6	403.6	407.2	44.8	44.6	44.5	167.5	163.4	159.9
Delaware.....	55.4	55.2	58.8	10.6	10.6	11.1	30.1	29.6	29.2
District of Columbia.....	20.2	19.8	20.2	28.7	28.7	28.2	85.1	83.9	84.0
Florida.....	221.9	210.9	206.7	100.8	100.7	101.1	371.9	362.1	360.9
Georgia.....	347.0	333.0	340.8	73.4	73.0	73.2	229.6	223.6	224.9
Hawaii.....	25.3	26.6	26.6	15.2	14.9	14.8	45.0	44.0	42.8
Idaho.....	31.7	30.9	30.1	14.3	14.3	15.1	40.5	39.8	39.6
Illinois.....	1,203.9	1,165.0	1,210.5	273.3	273.6	284.5	748.4	737.2	741.9
Indiana.....	599.5	568.2	593.9	89.4	90.0	94.6	290.4	283.0	283.5
Iowa.....	174.3	171.2	176.6	49.9	50.8	53.6	170.4	169.8	169.8
Kansas.....	117.2	114.8	116.0	51.7	52.1	53.7	131.0	129.3	130.2
Kentucky.....	172.4	165.8	171.6	50.8	50.5	52.5	140.5	137.5	139.8
Louisiana.....	139.2	135.9	142.0	78.4	80.9	83.7	180.4	177.3	182.5
Maine.....	104.9	103.2	104.5	17.4	17.7	18.1	53.4	53.5	53.9
Maryland.....	258.1	256.0	259.3	70.7	70.2	72.2	203.3	193.3	190.7
Massachusetts.....	685.1	684.9	698.0	102.7	103.4	105.9	395.9	390.8	386.6
Michigan.....	939.1	878.5	967.6	129.2	128.4	140.4	446.1	441.9	450.8
Minnesota.....	238.4	229.2	229.7	79.0	78.9	84.0	236.8	235.5	237.5
Mississippi.....	127.5	118.7	119.9	25.1	25.0	25.4	85.0	83.7	84.5
Missouri.....	386.3	375.7	392.7	115.7	116.7	122.5	311.0	310.6	312.7
Montana.....	22.0	20.4	20.4	18.0	18.3	19.0	39.4	39.8	40.5
Nebraska.....	68.4	66.6	66.8	36.5	36.6	37.6	96.9	95.6	93.6
Nevada.....	6.0	5.7	5.4	9.9	9.2	9.1	22.5	20.7	19.4
New Hampshire.....	88.7	85.9	87.0	9.7	9.6	9.7	35.4	34.5	34.2
New Jersey.....	809.2	791.1	808.6	151.1	150.4	149.7	392.9	380.5	374.6
New Mexico.....	17.0	16.2	16.7	19.6	20.0	20.6	50.3	49.3	49.4
New York.....	1,848.6	1,830.0	1,885.6	471.8	479.8	482.2	1,276.2	1,251.1	1,249.7
North Carolina.....	527.7	509.0	509.3	65.1	63.5	64.5	225.4	219.4	219.8
North Dakota.....	6.4	6.3	6.5	12.1	12.2	12.8	36.1	36.8	37.4
Ohio.....	1,212.5	1,181.3	1,262.8	198.1	198.6	208.8	606.1	601.1	619.2
Oklahoma.....	90.4	86.5	86.6	47.3	47.2	48.1	140.0	137.8	137.4
Oregon.....	141.4	139.1	144.4	43.1	43.2	44.4	116.0	112.8	113.6
Pennsylvania.....	1,399.6	1,378.7	1,439.6	264.4	264.7	277.9	683.2	682.0	694.1
Rhode Island.....	118.6	116.8	119.7	14.6	14.4	14.6	54.3	53.4	53.5
South Carolina.....	259.5	246.7	244.8	25.7	25.3	25.5	104.1	102.2	103.1
South Dakota.....	13.8	13.8	13.1	10.2	10.2	10.2	39.7	38.8	38.5
Tennessee.....	328.7	313.0	315.1	54.9	54.1	55.3	196.6	194.1	194.5
Texas.....	501.1	487.0	489.5	222.4	220.2	226.8	658.1	634.1	640.0
Utah.....	53.5	50.0	47.0	22.0	21.9	22.1	63.3	60.6	59.6
Vermont.....	35.6	33.8	35.3	7.0	7.4	7.5	21.1	20.7	20.4
Virginia.....	291.3	276.0	275.0	82.0	80.5	83.3	224.1	218.5	217.4
Washington.....	232.3	217.5	216.6	61.0	60.8	61.3	186.8	178.1	180.0
West Virginia.....	122.7	120.1	124.6	41.4	41.6	44.4	80.2	81.4	84.5
Wisconsin.....	455.4	439.0	460.4	71.9	71.8	74.5	246.5	244.7	243.9
Wyoming.....	7.4	8.3	8.4	11.2	11.6	11.9	21.1	20.8	20.9

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT**
Table SB-2: Employees on nonagricultural payrolls, by industry division and State--Continued

(In thousands)

State	Finance, insurance, and real estate			Service and miscellaneous			Government		
	1962	1961	1960	1962	1961	1960	1962	1961	1960
Alabama	33.5	32.8	32.5	97.1	93.1	90.1	167.7	165.9	159.8
Alaska	1.7	1.6	1.5	6.1	5.7	5.3	23.9	22.9	22.5
Arizona	18.6	17.6	16.5	55.8	52.8	48.8	77.3	72.6	68.0
Arkansas	15.2	14.1	13.4	50.1	47.7	46.3	76.1	72.9	70.1
California	271.1	260.2	251.3	785.5	748.3	711.7	963.9	920.3	874.0
Colorado	27.6	26.5	25.2	85.4	80.6	76.2	121.8	116.9	110.1
Connecticut	55.9	55.2	53.0	120.1	116.9	113.8	98.7	96.4	93.7
Delaware	6.3	6.2	6.2	20.9	19.8	19.3	20.2	19.2	18.7
District of Columbia ³	29.4	28.4	27.5	98.8	96.4	92.8	280.0	269.2	262.0
Florida	88.0	85.0	82.5	234.0	224.5	218.6	254.2	232.3	220.5
Georgia	52.6	51.2	49.1	125.5	120.6	116.1	205.3	194.5	186.1
Hawaii	10.8	10.1	9.2	32.5	30.9	28.1	51.7	50.6	49.6
Idaho	6.3	5.9	5.8	20.6	20.1	19.8	36.4	34.4	32.7
Illinois	194.2	190.9	185.3	513.1	492.5	483.4	447.2	433.8	416.9
Indiana	60.8	58.8	56.9	151.4	144.8	140.5	201.7	194.0	188.5
Iowa	33.0	32.2	31.6	99.1	96.1	92.6	121.3	118.9	114.7
Kansas	24.1	23.7	23.3	74.6	72.3	69.9	120.5	117.3	115.0
Kentucky	26.6	25.9	25.0	88.3	86.4	84.8	120.3	114.6	110.1
Louisiana	36.5	35.6	35.1	108.4	104.4	102.3	154.5	150.3	145.2
Maine	9.5	9.3	9.0	31.3	30.4	30.2	50.5	49.5	48.2
Maryland ³	47.0	44.9	44.3	140.9	131.1	123.2	158.7	151.2	142.8
Massachusetts	104.2	102.4	99.5	322.2	312.4	299.4	263.5	258.0	249.1
Michigan	86.7	84.9	82.8	281.9	270.8	263.7	341.2	336.9	332.7
Minnesota	50.9	49.8	47.9	147.8	142.4	137.8	161.2	153.7	149.5
Mississippi	15.1	14.4	13.5	48.8	46.3	44.0	94.2	90.8	87.5
Missouri	72.8	72.3	70.9	192.8	188.2	184.5	203.6	196.0	192.4
Montana	6.7	6.8	6.9	23.8	23.4	23.1	40.9	40.0	38.5
Nebraska	23.8	23.3	22.6	58.5	57.3	55.4	82.4	80.7	78.0
Nevada	4.4	3.8	3.4	45.1	38.3	36.0	21.8	20.2	18.8
New Hampshire	7.4	7.3	7.2	29.5	28.3	26.9	23.7	23.2	22.5
New Jersey	93.3	91.2	88.6	278.1	264.2	252.4	253.7	246.6	237.2
New Mexico	10.2	9.8	9.6	41.5	38.8	37.3	67.6	65.3	63.5
New York	505.6	497.7	483.7	1,012.0	979.8	963.2	875.9	850.3	837.7
North Carolina	47.1	44.8	42.1	135.7	131.4	127.1	178.7	171.0	164.2
North Dakota	5.9	5.7	5.6	22.1	21.4	20.8	32.4	32.3	31.5
Ohio	124.6	123.0	120.4	380.6	373.2	371.9	425.8	412.8	399.2
Oklahoma	28.6	27.4	26.4	78.9	75.9	72.8	138.3	133.2	130.8
Oregon	22.6	21.5	20.7	70.5	66.6	63.5	102.6	100.2	95.3
Pennsylvania	155.9	155.9	153.4	521.3	509.3	500.0	464.4	451.0	436.2
Rhode Island	13.1	12.8	12.6	41.6	41.0	39.3	41.1	41.2	40.1
South Carolina	23.1	22.2	21.3	59.1	57.0	55.5	98.9	98.3	96.1
South Dakota	6.5	5.9	5.6	23.2	22.3	21.5	41.2	40.3	39.0
Tennessee	42.5	40.9	39.7	130.1	124.3	120.4	154.7	150.2	146.2
Texas	136.1	131.6	129.0	359.3	341.4	331.5	459.1	444.5	431.0
Utah	12.4	12.1	11.8	36.5	35.0	33.3	68.8	65.1	62.3
Vermont	4.1	4.1	3.9	18.3	17.2	16.7	16.5	16.3	16.0
Virginia ³	48.0	45.8	43.5	136.0	128.0	123.7	207.4	199.6	191.1
Washington	41.7	39.0	38.3	112.4	105.6	103.5	175.0	170.1	166.5
West Virginia	13.5	13.3	13.3	52.5	51.5	51.1	71.1	71.5	67.5
Wisconsin	47.7	47.1	45.7	152.9	148.0	144.3	177.6	170.4	163.2
Wyoming	3.2	3.1	3.0	12.6	11.4	10.9	22.8	22.5	21.5

¹ Combined with construction.

² Combined with service.

³ Federal employment in the Maryland and Virginia sectors of the District of Columbia metropolitan area is included in data for District of Columbia.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

Table SB-3: Employees on nonagricultural payrolls for selected areas, by industry division

(In thousands)

Industry division	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960
	ALABAMA						ARIZONA					
	Birmingham			Mobile			Phoenix			Tucson		
TOTAL	197.1	195.6	200.3	91.1	90.2	91.8	200.8	190.8	181.7	80.5	72.8	69.2
Mining.....	5.5	6.7	7.8	(1)	(1)	(1)	.4	.4	.5	3.3	3.1	2.9
Contract construction..	10.6	10.9	12.5	4.5	4.2	5.0	15.3	16.4	17.6	10.7	7.8	6.9
Manufacturing.....	58.8	56.9	59.4	15.7	16.1	17.1	38.3	35.6	33.6	9.4	8.4	8.4
Trans. and pub. util...	15.6	15.7	16.2	9.6	9.8	10.1	13.6	13.1	13.0	5.2	5.1	5.2
Trade.....	47.1	46.6	46.7	19.5	19.2	19.6	51.7	49.8	47.3	17.4	16.3	15.8
Finance.....	14.0	13.8	13.6	4.0	4.1	4.1	13.5	12.4	11.5	3.2	3.1	2.9
Service.....	24.4	24.0	23.4	11.2	10.7	10.3	31.9	29.7	27.1	13.9	12.9	12.2
Government.....	21.1	21.0	20.7	26.6	26.1	25.6	36.1	33.4	31.1	17.4	16.1	14.9
ARKANSAS												
	Fayetteville			Fort Smith			Little Rock - N. Little Rock			Pine Bluff		
TOTAL	15.1	14.3	13.4	27.8	23.6	22.4	85.1	82.4	81.0	18.3	17.7	17.9
Mining.....	(1)	(1)	(1)	.2	.3	.3	(1)	(1)	(1)	1.2	(1)	(1)
Contract construction..	.9	.8	.7	1.4	1.4	1.2	5.6	5.7	5.8	1.2	1.1	1.0
Manufacturing.....	4.4	4.1	3.8	10.6	8.6	8.3	16.1	15.3	15.2	5.1	4.9	5.3
Trans. and pub. util...	1.2	1.2	1.1	1.8	1.7	1.7	7.8	7.7	8.0	2.5	2.4	2.4
Trade.....	3.3	3.2	2.9	6.4	5.8	5.5	19.2	18.8	18.9	3.6	3.5	3.5
Finance.....	.4	.4	.4	.8	.7	.6	6.4	6.1	5.9	.6	.6	.6
Service.....	1.7	1.7	1.6	3.4	3.1	2.9	12.9	12.3	11.9	1.6	1.6	1.6
Government.....	3.1	3.0	2.9	3.2	2.1	1.9	17.1	16.3	15.4	3.7	3.5	3.4
CALIFORNIA												
	Bakersfield			Fresno			Los Angeles - Long Beach			Sacramento		
TOTAL	72.2	71.1	71.8	88.8	86.4	85.3	2,515.4	2,389.6	2,352.8	176.2	170.6	165.9
Mining.....	6.8	7.0	7.1	1.1	.8	.8	11.9	11.8	12.1	.2	.2	.2
Contract construction..	3.8	4.1	4.1	5.0	5.5	5.3	132.0	122.5	125.1	10.3	11.0	11.5
Manufacturing.....	7.1	6.6	7.0	14.5	14.0	14.1	836.3	780.7	784.6	31.0	29.7	28.4
Trans. and pub. util...	5.7	5.6	5.6	7.6	7.7	8.0	142.9	140.2	143.3	12.7	12.5	11.6
Trade.....	16.3	16.1	16.5	25.1	24.6	24.4	540.1	519.5	513.5	34.4	33.3	32.3
Finance.....	2.5	2.4	2.4	4.0	3.7	3.7	134.4	128.7	124.3	7.6	7.0	7.0
Service.....	9.9	9.7	9.5	13.4	12.8	12.5	391.6	375.7	354.8	18.3	17.5	16.6
Government.....	20.1	19.6	19.6	18.1	17.3	16.5	326.2	310.5	295.1	61.7	59.4	58.4
CALIFORNIA - Continued												
	San Bernardino - Riverside - Ontario			San Diego			San Francisco - Oakland			San Jose		
TOTAL	203.4	192.2	188.9	262.2	264.4	260.1	1,033.7	1,004.3	992.6	229.6	208.2	191.8
Mining.....	1.3	1.3	1.3	.5	.6	.6	1.8	1.9	1.9	.1	.1	.1
Contract construction..	15.0	13.0	12.9	16.3	15.8	18.8	58.4	56.9	57.9	15.9	15.3	14.6
Manufacturing.....	36.3	34.6	34.6	62.3	70.7	67.9	198.1	194.6	198.6	83.9	75.0	69.0
Trans. and pub. util...	15.0	14.7	15.4	13.9	13.8	13.8	104.4	102.7	104.6	9.7	9.2	9.2
Trade.....	43.8	41.6	41.5	54.1	53.0	52.8	226.3	218.4	216.9	39.2	36.2	34.5
Finance.....	7.5	6.9	6.6	11.2	11.2	11.1	76.3	73.7	71.2	8.4	7.5	7.2
Service.....	30.0	27.8	26.7	41.9	40.1	38.5	151.0	145.9	141.0	39.0	34.6	30.5
Government.....	54.5	52.3	50.0	62.0	59.3	56.6	217.4	210.2	200.5	33.4	30.3	26.8
CALIFORNIA Continued												
	Stockton			Denver			Bridgeport			Hartford		
TOTAL	64.3	62.5	61.6	360.2	349.5	330.9	125.4	122.9	123.8	250.4	244.0	237.1
Mining.....	.1	.1	.1	3.9	4.0	4.5	(2)	(2)	(2)	(2)	(2)	(2)
Contract construction..	3.3	3.2	2.9	26.9	26.4	22.8	5.1	5.1	5.4	11.5	11.1	11.3
Manufacturing.....	13.0	13.0	12.7	69.0	67.9	64.0	66.4	65.1	66.3	91.9	90.3	87.9
Trans. and pub. util...	5.7	5.7	5.9	30.2	30.1	29.6	5.7	5.5	5.7	9.4	9.3	9.2
Trade.....	15.8	14.9	15.1	87.0	83.9	81.4	21.5	21.0	20.8	47.7	46.3	45.4
Finance.....	2.1	2.0	2.1	21.1	20.3	19.3	3.7	3.5	3.4	32.9	32.3	31.0
Service.....	8.4	8.1	7.8	57.5	54.4	51.4	12.9	12.7	12.4	31.3	29.2	28.0
Government.....	15.9	15.5	15.0	64.6	62.5	57.9	10.1	10.0	9.9	25.8	25.4	24.3

See footnotes at end of table.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**
Table SB-3: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

Industry division	(In thousands)											
	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960
CONNECTICUT - Continued												
	New Britain			New Haven			Stamford			Waterbury		
TOTAL	39.9	38.5	39.8	128.3	125.9	125.4	63.6	62.2	60.8	67.9	66.1	67.0
Mining.....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Contract construction..	1.3	1.3	1.3	7.5	6.8	6.7	3.9	3.9	3.9	1.9	1.9	1.9
Manufacturing.....	23.3	22.2	23.8	43.9	43.8	44.2	24.6	24.4	23.9	38.2	36.8	38.0
Trans. and pub. util...	1.8	1.8	1.8	12.6	12.4	12.4	2.7	2.6	2.6	2.9	2.8	2.8
Trade.....	5.8	5.6	5.5	24.5	24.1	24.1	13.0	12.7	12.3	9.8	9.8	9.8
Finance.....	.9	.9	.9	6.7	6.6	6.4	2.6	2.5	2.4	1.7	1.6	1.6
Service.....	3.9	3.7	3.6	21.5	20.5	19.9	11.4	10.9	10.6	7.7	7.4	7.1
Government.....	3.0	3.0	2.9	11.7	11.7	11.7	5.4	5.3	5.1	5.9	5.8	5.8
DELAWARE												
DISTRICT OF COLUMBIA												
FLORIDA												
	Wilmington			Washington			Jacksonville			Miami		
TOTAL	133.2	131.4	133.2	797.5	765.0	743.7	148.5	146.2	145.5	317.9	308.5	307.6
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	8.6	9.3	8.6	56.8	51.5	50.0	10.6	11.3	12.1	19.9	21.9	23.3
Manufacturing.....	54.3	53.7	56.8	37.3	35.2	34.8	21.0	20.6	21.0	46.0	42.4	41.7
Trans. and pub. util...	8.5	8.5	8.9	45.7	44.3	44.4	15.6	15.3	15.0	32.5	34.5	35.3
Trade.....	24.3	23.8	23.7	154.8	150.1	147.2	42.1	41.2	41.1	89.4	86.5	87.6
Finance.....	5.4	5.4	5.4	44.5	42.7	40.7	14.0	14.1	14.1	22.8	21.7	20.8
Service.....	17.7	17.1	16.5	148.2	142.9	136.5	20.5	19.8	19.2	67.3	64.4	63.3
Government.....	14.4	13.7	13.3	310.2	298.3	290.1	24.7	23.9	23.0	40.0	37.1	35.6
FLORIDA - Continued												
GEORGIA												
HAWAII												
	Tampa - St. Petersburg			Atlanta			Savannah			Honolulu		
TOTAL	205.5	197.4	198.2	394.7	375.0	370.0	52.6	51.6	54.0	165.3	164.2	-
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-
Contract construction..	18.9	18.2	20.4	22.3	20.4	22.1	3.0	2.3	3.1	13.2	15.2	-
Manufacturing.....	36.8	35.7	36.3	89.6	82.5	85.1	14.4	14.3	15.2	17.4	17.9	-
Trans. and pub. util...	14.7	14.3	14.3	37.2	36.6	36.4	6.2	6.1	6.5	12.8	12.5	-
Trade.....	60.2	58.7	59.6	103.2	100.6	99.0	11.4	11.8	12.4	38.5	38.0	-
Finance.....	12.6	12.1	11.6	29.6	28.7	27.4	2.8	2.6	2.6	10.1	9.4	-
Service.....	32.9	30.4	29.3	55.8	53.3	50.4	6.9	6.6	6.4	28.6	27.6	-
Government.....	29.4	28.0	26.7	57.0	52.9	49.6	7.9	7.9	7.8	44.7	43.6	-
IDAHO												
ILLINOIS												
INDIANA												
	Boise			Chicago			Evansville			Fort Wayne		
TOTAL	27.8	26.7	25.3	2,496.7	2,439.1	2,464.6	64.2	62.3	62.7	89.0	83.8	84.0
Mining.....	(1)	(1)	(1)	6.6	6.7	6.2	1.6	1.6	1.6	(1)	(1)	(1)
Contract construction..	1.9	2.1	1.8	105.8	109.6	111.5	2.5	2.6	2.8	4.1	4.0	4.3
Manufacturing.....	2.8	2.6	2.6	860.9	831.8	862.9	24.2	23.1	23.8	37.0	33.5	34.3
Trans. and pub. util...	2.7	2.7	2.7	194.4	194.1	202.6	4.3	4.4	4.4	6.9	6.6	6.9
Trade.....	7.9	7.4	7.3	532.4	525.1	529.3	14.4	14.4	14.4	19.3	19.0	19.0
Finance.....	1.9	1.7	1.7	154.6	152.8	149.5	2.4	2.4	2.4	4.8	4.7	4.5
Service.....	4.1	4.0	3.7	386.1	371.0	365.6	8.8	8.0	7.5	9.9	8.9	8.3
Government.....	6.5	6.2	5.5	256.0	248.1	237.0	6.0	5.9	5.8	7.1	7.0	6.7
INDIANA - Continued												
IOWA												
KANSAS												
	Indianapolis			South Bend			Des Moines			Topeka		
TOTAL	301.1	293.3	294.8	79.5	76.0	81.2	102.4	102.0	102.6	48.9	49.0	48.1
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	.1	.2	.1
Contract construction..	13.1	14.1	13.3	2.7	2.7	2.9	4.0	4.6	5.2	2.9	3.3	2.9
Manufacturing.....	102.3	97.1	100.7	35.2	32.6	37.8	21.2	21.2	22.3	6.8	6.7	6.7
Trans. and pub. util...	21.6	21.4	21.8	3.9	3.8	4.4	8.5	8.6	8.8	6.9	7.0	7.2
Trade.....	67.2	66.7	67.7	15.7	15.6	15.7	27.1	26.6	26.6	9.9	9.9	9.9
Finance.....	20.6	20.4	19.8	4.2	4.0	4.0	11.7	11.6	11.6	2.8	2.7	2.7
Service.....	32.4	31.2	30.4	11.5	11.0	10.6	15.5	14.9	14.4	7.2	7.3	6.9
Government.....	43.8	42.5	41.1	6.4	6.2	5.9	14.7	14.6	13.9	12.4	12.1	12.0

See footnotes at end of table.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

Table SB-3: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

(In thousands)

Industry division	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960
	KANSAS - Continued			KENTUCKY			LOUISIANA					
	Wichita			Louisville			Baton Rouge			New Orleans		
TOTAL	119.2	117.5	119.1	245.7	238.0	242.0	70.4	71.0	72.5	286.3	283.4	287.8
Mining.....	1.5	1.8	1.7	(1)	(1)	(1)	.3	.3	.4	9.1	8.4	7.9
Contract construction..	5.3	5.3	5.6	13.2	12.4	12.7	6.4	6.4	7.2	17.8	16.9	17.5
Manufacturing.....	43.4	42.4	44.5	84.5	81.3	84.8	16.2	16.7	17.4	44.3	43.0	44.7
Trans. and pub. util...	6.5	6.7	7.0	20.2	20.4	21.2	4.4	4.3	4.5	39.8	41.5	43.0
Trade.....	26.2	26.2	26.4	54.1	52.2	52.3	14.7	14.9	15.3	70.9	71.7	73.8
Finance.....	5.9	5.9	5.8	12.6	12.4	12.1	3.7	3.6	3.6	18.0	18.0	17.9
Service.....	16.3	15.6	14.8	34.2	32.9	32.2	8.8	8.8	8.5	48.0	45.6	44.5
Government.....	14.3	13.8	13.5	27.0	26.5	26.8	15.9	16.0	15.7	38.5	38.3	38.4
	LOUISIANA - Continued			MAINE			MARYLAND					
	Shreveport			Lewiston - Auburn			Portland			Baltimore		
TOTAL	74.2	73.0	73.0	26.4	26.7	27.1	52.5	52.0	51.5	623.8	610.5	608.8
Mining.....	5.6	5.2	5.0	(1)	(1)	(1)	(1)	(1)	(1)	.9	.9	.9
Contract construction..	5.7	6.0	5.8	1.2	1.1	1.1	2.6	2.6	2.6	38.0	34.5	35.7
Manufacturing.....	9.2	9.0	9.1	13.6	13.9	14.2	12.9	12.4	11.9	188.6	191.7	194.9
Trans. and pub. util...	8.5	8.8	9.3	.9	.9	.9	5.3	5.5	5.7	52.8	53.0	54.6
Trade.....	19.7	19.7	20.0	5.0	5.1	5.2	14.2	14.3	14.4	129.3	123.9	124.1
Finance.....	3.9	3.7	3.6	.8	.8	.8	3.9	3.9	3.8	33.2	32.1	32.2
Service.....	10.2	9.5	9.3	3.3	3.3	3.4	8.7	8.4	8.4	89.1	85.8	82.0
Government.....	11.3	11.1	10.9	1.6	1.6	1.5	4.9	4.9	4.7	91.9	88.6	84.4
	MASSACHUSETTS											
	Boston			Fall River			New Bedford			Springfield - Chicopee - Holyoke		
TOTAL	1,092.8	1,086.5	1,078.5	43.4	44.2	44.1	50.5	49.2	50.1	174.1	172.4	171.4
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	47.5	45.5	46.8	(1)	(1)	(1)	1.6	1.6	1.5	5.6	5.7	5.6
Manufacturing.....	294.0	298.9	303.8	24.2	25.2	25.3	27.0	26.3	27.5	70.0	70.0	71.7
Trans. and pub. util...	65.5	65.9	68.0	1.6	1.6	1.6	2.2	2.1	2.2	8.5	8.4	8.5
Trade.....	243.5	243.5	240.9	7.6	7.7	7.9	8.6	8.5	8.3	33.8	33.0	32.2
Finance.....	75.6	75.2	73.5	(1)	(1)	(1)	(1)	(1)	(1)	8.7	8.4	8.3
Service.....	220.8	212.9	203.3	6.7	6.5	6.1	7.0	6.7	6.6	26.0	25.9	25.6
Government.....	145.9	144.6	142.2	3.3	3.2	3.2	4.1	4.0	4.0	21.5	21.0	19.5
	MASSACHUSETTS - Continued			MICHIGAN								
	Worcester			Detroit			Flint			Grand Rapids		
TOTAL	117.7	114.8	114.6	1,163.1	1,126.7	1,199.6	122.1	112.8	119.1	118.9	114.8	116.9
Mining.....	(1)	(1)	(1)	.7	.9	1.0	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.4	4.3	4.1	41.0	44.3	47.8	3.8	3.5	3.3	6.3	6.5	6.5
Manufacturing.....	51.5	50.7	52.1	477.0	454.6	515.4	71.2	63.4	70.8	50.0	47.3	50.2
Trans. and pub. util...	4.3	4.3	4.4	67.1	66.9	71.9	4.4	4.2	4.5	8.5	8.1	7.9
Trade.....	21.6	20.9	20.4	230.4	226.8	237.1	18.1	17.3	17.5	25.0	24.0	24.1
Finance.....	5.5	5.3	5.3	53.7	51.2	49.5	2.6	2.6	2.5	4.9	4.7	4.5
Service.....	16.4	15.5	14.8	155.9	148.1	145.9	10.7	10.6	9.9	14.7	14.7	14.4
Government.....	14.0	13.8	13.5	137.3	133.9	130.9	11.3	11.2	10.7	9.5	9.4	9.3
	MICHIGAN - Continued			MINNESOTA								
	Lansing			Muskegon - Muskegon Heights			Saginaw			Duluth - Superior		
TOTAL	91.2	86.5	90.0	45.4	44.8	46.0	54.8	52.3	54.0	48.5	48.9	51.8
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	3.7	4.1	4.0	1.2	1.3	1.4	2.5	2.7	2.6	2.3	2.4	2.8
Manufacturing.....	29.1	25.5	29.9	24.8	24.0	25.3	24.3	22.2	24.4	8.4	8.4	9.2
Trans. and pub. util...	3.3	3.3	3.3	2.4	2.4	2.4	4.5	4.4	4.7	7.9	8.1	9.4
Trade.....	16.3	15.6	15.5	7.1	7.2	7.2	11.0	10.9	10.7	11.4	12.0	12.4
Finance.....	3.2	3.0	3.0	1.1	1.0	1.0	1.5	1.5	1.5	2.0	2.0	2.1
Service.....	9.4	9.0	8.9	4.4	4.4	4.4	6.1	5.9	5.9	9.2	9.0	9.3
Government.....	26.1	25.9	25.4	4.5	4.4	4.4	4.8	4.6	4.2	7.3	7.0	6.7

See footnotes at end of table.

ESTABLISHMENT DATA
AREA EMPLOYMENT

Table SB-3: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

(In thousands)

Industry division	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960
	MINNESOTA - Continued			MISSISSIPPI			MISSOURI					
	Minneapolis - St. Paul			Jackson ³			Kansas City			St. Louis		
TOTAL.....	587.2	564.9	560.6	69.9	67.3	64.6	393.3	388.9	388.0	720.2	716.2	734.0
Mining.....	(1)	(1)	(1)	1.1	1.0	.9	.7	.8	.8	2.5	2.6	2.7
Contract construction..	32.1	30.0	31.6	4.4	4.5	4.9	20.1	22.1	20.7	34.5	34.3	35.6
Manufacturing.....	157.7	150.6	150.5	11.8	11.3	11.2	107.0	103.3	105.1	249.5	247.6	263.1
Trans. and pub. util....	49.6	49.1	51.7	4.6	4.4	4.3	41.1	40.8	42.0	62.7	63.2	67.3
Trade.....	143.9	139.9	139.1	16.1	15.6	14.8	99.1	99.2	98.1	150.5	152.5	153.3
Finance.....	38.2	37.1	35.5	5.2	5.1	5.0	26.7	26.6	26.5	38.6	38.1	37.6
Service.....	90.2	86.2	82.5	11.1	10.7	9.8	52.4	50.7	50.1	101.1	98.8	96.3
Government.....	75.4	72.0	69.7	15.5	14.6	13.9	46.2	45.4	44.7	80.8	79.1	78.1
	MONTANA			NEBRASKA			NEVADA					
	Billings			Great Falls			Omaha			Reno		
TOTAL.....	22.8	23.5	24.1	23.7	22.5	20.6	166.2	164.7	163.0	35.7	33.7	32.3
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(2)	(2)	(2)	(4)	(4)	(4)
Contract construction..	1.4	1.5	1.7	2.9	3.1	2.1	10.8	10.5	10.6	3.5	2.9	2.8
Manufacturing.....	2.5	2.9	3.2	4.3	3.2	2.9	36.3	36.9	37.4	2.1	2.2	2.1
Trans. and pub. util....	2.6	2.8	3.0	2.2	2.2	2.1	19.8	19.7	20.1	3.4	3.3	3.4
Trade.....	7.3	7.4	7.5	5.5	5.5	5.5	39.3	38.6	37.9	7.7	7.2	6.9
Finance.....	1.3	1.4	1.4	1.2	1.2	(1)	13.7	13.7	13.3	1.7	1.6	1.4
Service.....	4.1	4.1	4.2	3.6	3.5	4.6	25.1	24.5	23.5	10.9	10.5	10.2
Government.....	3.6	3.4	3.1	4.0	3.8	3.4	21.2	20.7	20.2	6.4	6.0	5.5
	NEW HAMPSHIRE			NEW JERSEY								
	Manchester			Jersey City ⁵			Newark ⁵			Paterson - Clifton - Passaic ⁵		
TOTAL.....	42.6	42.1	42.6	258.6	253.7	256.2	668.9	655.5	656.0	382.1	366.6	363.1
Mining.....	(1)	(1)	(1)	-	-	-	.8	.8	1.0	.4	.5	.4
Contract construction..	2.2	2.1	2.2	5.7	5.7	5.7	29.6	29.3	28.2	21.8	20.8	20.0
Manufacturing.....	17.3	17.3	17.9	118.6	114.9	118.6	240.1	235.9	243.6	167.0	158.2	161.4
Trans. and pub. util....	2.8	2.7	2.7	37.6	37.3	37.6	48.9	48.2	47.3	22.0	22.6	21.9
Trade.....	8.7	8.5	8.5	37.3	37.2	37.2	131.9	129.4	128.8	79.1	75.7	75.1
Finance.....	2.5	2.5	2.5	8.9	8.8	8.7	46.1	45.6	44.8	12.8	12.2	11.7
Service.....	5.9	5.6	5.5	23.3	22.9	21.8	99.8	96.9	94.6	45.6	44.0	40.9
Government.....	3.3	3.4	3.3	27.2	26.9	26.7	71.7	69.4	67.7	33.4	32.6	31.8
	NEW JERSEY - Continued			NEW MEXICO			NEW YORK					
	Perth Amboy ⁵			Trenton			Albuquerque			Albany - Schenectady - Troy		
TOTAL.....	189.1	182.5	180.3	107.9	105.5	106.6	83.3	80.3	80.4	229.6	225.8	223.8
Mining.....	.7	.7	.7	.1	.1	.1	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	10.2	9.6	9.1	4.2	5.1	5.8	6.8	6.1	7.2	8.1	7.6	7.7
Manufacturing.....	88.7	87.1	87.9	36.4	35.9	38.1	7.9	7.4	7.6	63.1	62.5	64.1
Trans. and pub. util....	9.5	9.4	9.6	6.4	6.2	6.0	6.6	6.7	6.8	16.6	17.2	17.7
Trade.....	31.8	30.0	29.6	18.5	17.3	17.5	19.3	18.8	18.5	43.8	43.6	43.7
Finance.....	3.7	3.4	3.2	4.4	4.3	4.0	5.3	5.2	5.0	9.5	9.1	8.9
Service.....	18.0	16.6	15.4	17.5	16.9	16.3	18.9	18.5	18.1	35.0	33.6	33.3
Government.....	26.5	25.7	24.8	20.4	19.7	18.8	18.5	17.6	17.2	53.5	52.1	48.4
	NEW YORK - Continued											
	Binghamton			Buffalo			Elmira ⁶			Nassau and Suffolk Counties ⁵		
TOTAL.....	77.4	77.6	77.7	419.3	417.6	435.5	31.3	31.4	32.9	472.3	443.0	428.5
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-	(1)	(1)	(1)
Contract construction..	3.4	3.3	3.3	17.3	20.3	25.7	-	-	-	39.6	35.4	34.9
Manufacturing.....	37.3	39.1	39.7	166.0	164.4	176.5	14.0	14.3	16.0	135.1	129.2	126.5
Trans. and pub. util....	4.0	3.8	3.9	31.2	31.6	33.4	-	-	-	23.4	23.0	22.7
Trade.....	13.0	12.5	12.4	83.3	82.1	84.5	6.1	6.0	6.1	113.4	102.9	98.4
Finance.....	2.4	2.3	2.3	16.2	16.0	15.8	-	-	-	20.1	18.7	17.6
Service.....	7.8	7.2	7.0	56.3	55.7	53.2	-	-	-	69.6	65.4	62.5
Government.....	9.6	9.3	9.1	49.1	47.6	46.4	-	-	-	71.1	68.3	65.7

See footnotes at end of table.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

Table SB-3: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

(In thousands)

Industry division	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960
	NEW YORK - Continued											
	New York City ⁵			New York-Northeastern New Jersey			Rochester			Syracuse		
TOTAL	3,580.4	3,541.2	3,549.1	5,815.0	5,700.0	5,689.8	228.5	220.4	219.3	186.5	181.8	180.7
Mining.....	1.9	2.0	1.9	4.5	4.6	4.6	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	137.1	124.9	125.3	261.7	242.6	240.8	10.6	10.0	10.1	8.1	7.6	7.6
Manufacturing.....	917.8	917.6	950.4	1,743.4	1,718.4	1,765.6	107.8	105.0	106.1	66.3	65.6	67.4
Trans. and pub. util...	314.1	321.1	318.1	471.2	478.8	474.6	10.3	10.1	10.3	12.4	12.5	12.5
Trade.....	745.9	742.6	743.7	1,197.6	1,172.8	1,166.4	41.8	39.4	38.9	38.3	37.1	37.1
Finance.....	401.0	396.6	385.6	505.6	497.7	483.7	8.3	8.0	7.7	9.5	9.3	8.7
Service.....	633.8	621.7	615.2	935.8	910.9	892.9	26.9	25.6	24.6	25.7	24.8	23.8
Government.....	428.9	414.8	408.8	695.2	674.1	661.0	22.9	22.3	21.5	26.1	24.9	23.7
NEW YORK - Continued												
	Utica - Rome			Westchester County ⁵			Charlotte			Greensboro - High Point		
TOTAL	103.2	100.9	100.5	228.2	223.6	223.0	112.7	110.3	107.6	-	-	-
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	-	-	-
Contract construction..	2.8	3.0	3.2	15.9	15.3	15.8	7.7	8.1	8.5	6.6	6.4	4.2
Manufacturing.....	39.6	38.5	39.2	64.9	64.3	65.9	27.9	27.5	26.8	44.1	43.4	44.2
Trans. and pub. util...	5.7	5.6	5.6	13.8	15.3	15.4	12.6	12.0	11.4	5.1	4.9	-
Trade.....	16.5	16.2	16.4	51.8	49.5	48.7	31.5	30.7	29.8	19.8	19.3	-
Finance.....	4.0	3.9	3.9	11.8	11.3	11.0	7.8	7.7	7.4	6.5	6.5	-
Service.....	11.8	10.9	9.8	42.1	40.0	38.9	15.4	14.7	14.4	-	-	-
Government.....	22.8	22.8	22.5	27.8	28.0	27.3	9.8	9.6	9.3	-	-	-
NORTH CAROLINA - Continued												
	Winston-Salem			North Dakota			OHIO					
				Fargo - Moorhead ³			Akron			Canton		
TOTAL	-	-	-	30.2	30.1	23.3	172.2	168.7	176.0	106.6	105.8	111.1
Mining.....	-	-	-	(1)	(1)	(1)	.1	.1	.1	.5	.5	.5
Contract construction..	-	-	-	1.9	2.3	2.0	6.0	5.7	6.1	3.8	4.0	4.4
Manufacturing.....	38.7	38.7	39.1	2.2	2.1	1.6	78.6	77.1	83.9	51.1	50.8	55.2
Trans. and pub. util...	-	-	-	2.9	2.9	2.7	12.7	12.6	12.8	5.8	5.9	6.1
Trade.....	-	-	-	9.8	9.8	7.8	32.9	32.3	33.2	19.9	19.8	20.4
Finance.....	-	-	-	2.1	2.0	1.8	5.3	5.2	5.0	3.6	3.6	3.7
Service.....	-	-	-	5.4	5.4	3.7	20.9	20.6	20.2	12.4	11.8	11.1
Government.....	-	-	-	6.0	5.7	3.8	15.8	15.2	14.7	9.6	9.4	9.1
OHIO - Continued												
	Cincinnati			Cleveland			Columbus			Dayton		
TOTAL	393.9	390.8	402.6	686.5	673.7	699.7	268.5	259.2	256.7	250.8	244.2	247.7
Mining.....	.3	.3	.3	.5	.5	.5	.7	.7	.8	.5	.6	.5
Contract construction..	17.1	17.4	19.2	30.7	30.7	32.9	12.6	12.1	12.5	9.1	9.3	9.9
Manufacturing.....	145.3	144.6	153.1	267.2	260.1	282.7	72.6	69.3	70.8	101.5	99.3	103.6
Trans. and pub. util...	31.2	31.4	32.6	44.8	44.8	46.6	17.3	17.1	18.1	10.1	10.1	10.2
Trade.....	81.9	81.4	83.6	142.1	142.2	145.6	55.5	54.0	54.6	44.0	42.8	43.4
Finance.....	21.8	22.0	21.7	32.7	32.7	31.9	17.4	16.6	15.8	7.0	6.6	6.5
Service.....	52.1	50.8	50.2	92.0	89.5	87.9	37.4	36.9	35.5	30.2	29.2	28.1
Government.....	44.3	43.0	42.0	76.5	73.3	71.5	55.2	52.5	48.6	48.4	46.5	45.4
OHIO - Continued												
	Toledo			Youngstown - Warren			OKLAHOMA					
				Oklahoma City			Tulsa					
TOTAL	154.3	151.8	159.6	153.7	155.9	164.9	188.0	179.7	175.6	134.8	131.2	134.3
Mining.....	.2	.2	.2	.4	.4	.4	6.8	7.0	7.0	12.9	12.8	13.0
Contract construction..	6.4	6.9	7.3	6.5	8.6	9.6	12.1	11.2	12.0	8.2	7.7	8.5
Manufacturing.....	56.6	54.9	60.5	70.2	71.2	78.8	22.9	21.1	20.3	28.2	27.0	28.7
Trans. and pub. util...	12.0	12.5	13.9	8.4	8.6	9.3	13.8	13.5	13.2	14.1	13.6	14.7
Trade.....	34.7	34.3	35.8	28.6	28.4	29.4	45.2	43.3	43.2	31.9	31.3	31.9
Finance.....	6.1	5.9	5.8	4.5	4.4	4.5	11.6	11.1	10.6	7.3	7.2	6.9
Service.....	23.1	22.1	21.6	19.3	18.8	18.3	24.5	23.4	22.0	19.5	19.1	18.5
Government.....	15.2	14.9	14.5	15.7	15.4	14.5	51.1	49.1	47.3	12.7	12.5	12.1

See footnotes at end of table.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**
Table SB-3: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

Industry division	(In thousands)											
	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960
	OREGON			PENNSYLVANIA			PENNSYLVANIA			PENNSYLVANIA		
	Portland			Allentown - Bethlehem - Easton			Altoona			Erie		
TOTAL	272.6	264.5	266.1	183.4	178.7	182.2	41.0	40.2	42.2	77.8	74.8	76.8
Mining.....	(1)	(1)	(1)	.5	.4	.4	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	13.8	12.8	14.8	6.8	6.7	7.3	1.2	1.1	1.2	2.2	2.3	2.2
Manufacturing.....	65.7	63.6	64.4	94.9	92.4	96.3	12.1	11.7	11.8	36.7	34.1	35.9
Trans. and pub. util...	27.0	26.8	27.5	10.6	10.6	11.0	9.1	8.8	10.5	4.9	5.0	5.3
Trade.....	67.9	66.2	66.8	29.6	29.2	29.2	7.2	7.5	7.8	13.8	13.5	14.2
Finance.....	16.0	15.3	14.9	5.1	4.9	4.8	1.1	1.1	1.1	2.5	2.5	2.4
Service.....	40.3	38.8	37.8	21.8	20.9	20.2	5.6	5.4	5.4	10.0	9.8	9.7
Government.....	41.9	41.0	39.9	14.1	13.6	13.0	4.7	4.6	4.4	7.7	7.6	7.1
	PENNSYLVANIA - Continued											
	Harrisburg			Johnstown			Lancaster			Philadelphia		
TOTAL	144.1	140.8	143.8	65.4	65.2	71.7	96.8	93.1	93.9	1,525.3	1,500.9	1,502.9
Mining.....	(1)	(1)	(1)	5.0	5.4	6.4	(1)	(1)	(1)	1.3	1.4	1.7
Contract construction..	6.1	6.3	7.7	1.9	1.9	1.9	4.9	4.7	4.7	68.4	65.2	68.7
Manufacturing.....	32.5	31.8	34.5	21.6	20.9	25.9	48.1	45.9	46.9	545.0	541.7	553.2
Trans. and pub. util...	12.1	12.4	12.8	4.9	5.0	5.3	5.0	4.7	4.7	108.3	108.2	110.0
Trade.....	25.9	25.5	26.0	11.8	12.0	12.5	16.6	16.4	16.7	305.5	299.9	299.6
Finance.....	6.4	6.4	6.2	1.7	1.8	1.8	2.3	2.2	2.3	83.2	82.7	80.7
Service.....	18.1	17.8	17.4	9.4	9.2	9.3	12.0	11.6	11.0	224.2	216.1	209.1
Government.....	43.0	40.6	39.2	9.1	9.0	8.6	7.9	7.6	7.6	189.4	185.7	179.9
	PENNSYLVANIA - Continued											
	Pittsburgh			Reading			Scranton			Wilkes-Barre - Hazleton		
TOTAL	745.6	744.8	777.5	103.0	100.9	101.9	76.5	75.7	76.3	105.1	102.1	102.9
Mining.....	10.2	10.1	11.8	(1)	(1)	(1)	1.1	1.6	2.6	5.0	5.5	6.0
Contract construction..	33.5	35.0	38.2	3.8	3.8	3.7	1.8	1.7	1.9	4.0	3.4	3.4
Manufacturing.....	265.7	269.2	291.6	51.7	50.3	52.1	31.4	30.2	29.8	43.3	41.2	41.3
Trans. and pub. util...	56.4	56.4	60.7	5.7	5.6	5.6	6.5	6.6	6.7	6.4	6.5	6.8
Trade.....	148.3	147.7	153.6	15.7	15.7	15.7	14.3	14.4	14.4	18.4	18.1	18.9
Finance.....	32.1	32.1	32.3	4.0	4.0	3.9	2.5	2.5	2.4	3.4	3.5	3.2
Service.....	122.5	119.3	116.1	12.9	12.6	12.4	10.8	10.6	10.6	11.8	11.6	11.4
Government.....	76.8	75.0	73.2	9.2	8.9	8.5	8.3	8.1	7.9	12.8	12.3	11.9
	PENNSYLVANIA - Continued											
	York			RHODE ISLAND			SOUTH CAROLINA			SOUTH CAROLINA		
	Providence - Pawtucket			Charleston			Columbia			SOUTH CAROLINA		
TOTAL	84.8	84.2	83.8	298.2	293.8	294.8	58.9	57.4	57.2	74.2	72.5	69.8
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	4.2	4.1	4.3	12.1	11.9	11.8	4.0	3.7	4.1	5.0	5.6	4.6
Manufacturing.....	41.8	42.1	42.7	131.1	128.9	132.8	9.5	9.3	9.7	14.3	13.3	12.6
Trans. and pub. util...	4.8	4.6	4.6	14.2	13.9	14.1	4.3	4.3	4.2	5.0	4.9	5.0
Trade.....	14.3	14.4	14.0	54.1	52.9	52.7	12.0	12.0	12.3	16.2	16.0	15.8
Finance.....	1.9	1.9	1.9	13.0	12.7	12.6	2.9	2.9	2.7	5.3	5.2	5.0
Service.....	9.1	8.8	8.3	39.6	39.1	37.3	6.5	6.3	6.0	9.6	9.2	9.1
Government.....	8.7	8.3	8.0	34.1	34.4	33.5	19.7	18.9	18.2	18.8	18.3	17.7
	SOUTH CAROLINA - Continued											
	Greenville			SOUTH DAKOTA			TENNESSEE			TENNESSEE		
	Sioux Falls			Chattanooga			Knoxville			TENNESSEE		
TOTAL	76.7	73.7	72.1	28.1	27.8	26.7	92.9	94.0	94.4	114.4	111.7	112.6
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	.1	.1	.1	1.7	1.7	1.6
Contract construction..	6.6	6.3	5.7	1.9	2.0	1.8	3.2	3.1	3.2	5.3	5.8	6.5
Manufacturing.....	34.5	32.8	32.4	5.5	5.4	5.5	38.7	40.5	42.5	41.5	40.3	42.1
Trans. and pub. util...	3.4	3.4	3.4	2.8	2.8	2.8	4.7	4.9	4.8	6.3	6.3	6.5
Trade.....	13.7	13.4	13.3	8.4	8.3	7.9	18.1	18.2	17.9	23.5	23.2	22.8
Finance.....	3.2	3.2	3.1	1.6	1.5	1.5	5.4	5.4	5.1	4.0	4.0	3.8
Service.....	8.4	8.0	7.6	4.5	4.4	4.2	10.8	10.6	10.3	13.4	12.7	12.0
Government.....	6.9	6.6	6.6	3.4	3.4	3.1	11.8	11.3	10.6	18.7	17.8	17.4

See footnotes at end of table.

**ESTABLISHMENT DATA
AREA EMPLOYMENT**

Table Sb-3: Employees on nonagricultural payrolls for selected areas, by industry division--Continued

(In thousands)

Industry division	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960
	TENNESSEE - Continued						TEXAS					
	Memphis			Nashville			Dallas			Fort Worth		
TOTAL	194.5	190.9	190.7	147.8	143.5	141.4	-	-	-	-	-	-
Mining.....	.3	.3	.2	(1)	(1)	(1)	7.7	8.0	8.0	-	-	-
Contract construction..	10.4	10.1	10.1	8.4	8.0	7.1	26.7	23.1	24.1	-	-	-
Manufacturing.....	44.8	43.6	44.6	40.6	40.2	40.4	103.7	95.8	93.4	49.3	52.4	54.0
Trans. and pub. util...	15.5	15.4	16.0	10.5	10.5	10.7	35.7	35.1	34.7	-	-	-
Trade.....	51.7	51.5	51.9	32.6	31.2	31.5	-	-	-	-	-	-
Finance.....	10.5	10.2	9.7	10.7	10.4	10.2	35.2	33.4	31.4	-	-	-
Service.....	28.9	28.1	27.0	24.0	22.8	21.8	-	-	-	-	-	-
Government.....	32.4	31.7	31.2	21.0	20.4	19.7	40.2	38.6	37.6	-	-	-
TEXAS - Continued						UTAH			VERMONT			
	Houston			San Antonio			Salt Lake City			Burlington ⁶		
TOTAL	-	-	-	-	-	-	152.3	145.2	139.8	22.4	21.1	20.4
Mining.....	-	-	-	-	-	-	6.7	6.8	6.7	-	-	-
Contract construction..	-	-	-	11.5	11.3	11.6	8.9	8.4	8.4	-	-	-
Manufacturing.....	93.3	92.7	93.0	23.5	23.7	23.2	29.1	26.1	24.6	5.6	5.0	5.0
Trans. and pub. util...	-	-	-	9.3	9.4	9.3	13.6	13.3	13.1	1.4	1.5	1.5
Trade.....	-	-	-	-	-	-	39.6	38.1	37.4	5.4	5.3	5.1
Finance.....	-	-	-	11.5	11.3	10.9	9.5	9.4	9.2	-	-	-
Service.....	-	-	-	-	-	-	20.8	20.0	19.0	-	-	-
Government.....	-	-	-	53.4	52.0	50.8	24.1	23.1	21.4	-	-	-
VERMONT - Continued				VIRGINIA								
	Springfield ⁶			Norfolk - Portsmouth			Richmond			Roanoke		
TOTAL	11.6	11.1	11.8	156.8	152.7	150.3	174.2	167.9	166.5	60.8	58.1	57.2
Mining.....	-	-	-	.1	.1	.2	.2	.2	.2	.1	.1	.1
Contract construction..	-	-	-	12.2	11.7	10.8	11.4	10.5	11.2	4.1	3.8	3.7
Manufacturing.....	6.4	6.0	6.6	16.8	16.5	16.6	43.5	42.0	42.0	14.6	13.7	13.4
Trans. and pub. util...	.7	.8	.8	15.1	15.1	15.0	15.2	14.9	15.4	8.7	8.7	9.2
Trade.....	1.5	1.5	1.5	37.5	36.7	37.2	40.8	39.8	39.7	13.9	13.3	13.1
Finance.....	-	-	-	6.2	5.8	5.5	14.4	14.0	13.4	3.1	2.8	2.7
Service.....	-	-	-	19.8	18.9	17.7	22.3	21.2	20.4	9.3	8.9	8.6
Government.....	-	-	-	49.1	47.9	47.3	26.4	25.3	24.2	7.0	6.8	6.4
WASHINGTON				WEST VIRGINIA								
	Seattle			Spokane			Tacoma			Charleston		
TOTAL	409.2	377.1	369.0	74.0	75.2	75.9	79.7	77.6	78.4	76.2	76.3	77.7
Mining.....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	3.9	4.0	3.8
Contract construction..	20.5	18.2	17.4	3.3	3.9	4.5	3.9	3.6	3.9	4.2	3.4	3.0
Manufacturing.....	129.4	115.8	112.2	12.1	12.9	13.2	16.9	16.7	17.4	21.9	22.1	23.0
Trans. and pub. util...	30.7	29.6	30.0	7.8	8.0	8.0	5.8	5.8	6.1	8.4	8.4	8.7
Trade.....	91.0	84.9	85.1	20.0	20.1	20.5	16.3	15.9	16.3	16.0	16.4	17.1
Finance.....	24.6	22.6	22.0	4.3	4.0	4.0	3.9	3.7	3.7	3.1	3.1	3.2
Service.....	54.5	49.2	47.1	13.1	13.1	12.9	11.6	11.1	10.7	9.3	9.5	9.5
Government.....	58.5	56.8	55.2	13.4	13.2	12.8	21.3	20.8	20.3	9.5	9.7	9.7
WEST VIRGINIA - Continued				WISCONSIN								
	Huntington - Ashland			Wheeling			Green Bay			Kenoşa		
TOTAL	66.5	65.7	66.2	49.4	48.8	50.5	37.6	36.2	35.5	34.2	31.5	35.4
Mining.....	.9	1.1	1.1	2.5	2.6	3.0	(1)	(1)	(1)	(1)	(1)	(1)
Contract construction..	2.9	3.3	2.9	2.5	2.5	2.3	2.0	1.7	1.7	1.2	1.2	1.4
Manufacturing.....	22.3	21.8	23.4	15.8	15.6	16.4	12.7	12.4	12.4	20.0	17.7	20.8
Trans. and pub. util...	7.8	7.2	7.0	3.7	3.8	4.3	3.7	3.7	3.5	1.6	1.6	2.1
Trade.....	15.0	14.7	14.3	11.1	11.1	11.4	9.1	9.0	8.9	4.3	4.3	4.7
Finance.....	2.4	2.4	2.4	2.0	1.9	2.0	1.1	1.0	1.0	.6	.6	.6
Service.....	7.5	7.4	7.6	7.4	6.9	6.6	5.1	4.8	4.6	3.6	3.4	3.3
Government.....	8.0	8.1	7.9	4.5	4.5	4.6	3.9	3.6	3.4	2.9	2.7	2.6

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table SC-1: Gross hours and earnings of production workers,¹ by industry

Industry	Average weekly earnings					Average hourly earnings				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
MINING	\$110.70	\$106.92	\$105.44	\$103.68	\$96.08	\$2.70	\$2.64	\$2.61	\$2.56	\$2.47
METAL MINING	117.45	113.44	111.19	102.77	94.96	2.83	2.74	2.66	2.55	2.46
Iron ores	122.19	115.50	114.73	107.34	98.81	3.07	3.00	2.89	2.87	2.76
Copper ores	120.70	119.03	116.77	105.90	94.17	2.82	2.73	2.63	2.48	2.39
COAL MINING	113.09	110.62	110.41	109.03	95.70	2/3.09	3.09	3.11	3.08	2.90
Bituminous	114.50	112.01	112.41	111.34	97.57	2/3.12	3.12	3.14	3.11	2.93
CRUDE PETROLEUM AND NATURAL GAS	109.20	105.75	103.32	103.52	100.62	2.60	2.53	2.46	2.43	2.39
Crude petroleum and natural gas fields	115.46	113.96	108.95	108.12	103.38	2.83	2.80	2.69	2.65	2.54
Oil and gas field services	103.63	98.44	96.31	99.68	97.44	2.41	2.30	2.26	2.25	2.24
QUARRYING AND NONMETALLIC MINING	105.43	100.09	96.58	94.13	88.33	2.38	2.28	2.21	2.12	2.04
CONTRACT CONSTRUCTION	122.47	118.08	113.04	108.41	103.78	3.31	3.20	3.08	2.93	2.82
GENERAL BUILDING CONTRACTORS	112.50	108.83	103.72	100.32	96.92	3.16	3.04	2.93	2.81	2.73
HEAVY CONSTRUCTION	122.31	120.09	115.30	109.34	105.56	3.02	2.98	2.84	2.68	2.60
Highway and street construction	118.37	113.81	110.00	105.06	99.87	2.88	2.81	2.67	2.55	2.43
Other heavy construction	126.48	127.12	120.50	114.05	110.80	3.17	3.17	3.02	2.83	2.77
SPECIAL TRADE CONTRACTORS	128.50	123.44	118.11	113.62	108.00	3.54	3.41	3.29	3.13	3.00
MANUFACTURING	96.56	92.34	89.72	88.26	82.71	2.39	2.32	2.26	2.19	2.11
DURABLE GOODS	104.70	100.35	97.44	96.05	89.27	2.56	2.49	2.43	2.36	2.26
NONDURABLE GOODS	85.54	82.92	80.36	78.61	74.11	2.16	2.11	2.05	1.98	1.91
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	116.31	113.29	108.94	106.30	102.41	2.83	2.77	2.67	2.58	2.51
Ammunition, except for small arms	116.69	115.49	110.29	108.05	103.28	2.86	2.81	2.69	2.61	2.55
Sighting and fire control equipment	126.18	117.27	113.44	110.81	107.59	2.99	2.91	2.76	2.67	2.58
Other ordnance and accessories	112.34	108.39	103.17	100.69	97.77	2.72	2.65	2.56	2.48	2.42
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	79.20	76.83	73.71	74.24	69.09	1.99	1.95	1.89	1.87	1.79
Sawmills and planing mills	71.71	68.99	67.20	67.26	62.76	1.82	1.76	1.71	1.69	1.63
Sawmills and planing mills, general	73.12	70.59	68.43	68.28	63.74	1.87	1.81	1.75	1.72	1.66
Millwork, plywood, and related products	87.12	84.44	81.59	82.81	77.97	2.13	2.09	2.05	2.01	1.93
Millwork	87.05	85.41	81.77	82.21	78.20	2.16	2.13	2.07	2.02	1.95
Veneer and plywood	87.57	84.05	81.41	84.20	77.52	2.10	2.05	2.02	2.00	1.90
Wooden containers	66.17	63.12	62.02	61.35	57.90	1.65	1.59	1.57	1.53	1.50
Wooden boxes, shooks, and crates	64.88	61.85	60.89	60.75	57.13	1.61	1.55	1.53	1.50	1.48
Miscellaneous wood products	72.54	69.77	69.32	68.21	64.87	1.80	1.74	1.72	1.68	1.63
FURNITURE AND FIXTURES	79.37	76.40	75.20	74.48	69.95	1.95	1.91	1.88	1.83	1.78
Household furniture	75.07	71.46	70.45	70.82	66.42	1.84	1.80	1.77	1.74	1.69
Wood house furniture, upholstered	70.56	66.18	65.12	65.73	60.44	1.68	1.63	1.60	1.58	1.53
Wood house furniture, upholstered	79.78	76.81	75.08	75.65	72.19	2.03	1.99	1.95	1.92	1.88
Mattresses and bedsprings	79.58	76.44	76.63	78.38	72.50	2.03	1.97	1.97	1.94	1.84
Office furniture	92.57	90.54	90.83	86.67	78.72	2.28	2.23	2.21	2.14	2.05
Partitions; office and store fixtures	103.57	100.53	96.72	93.09	88.31	2.52	2.47	2.40	2.31	2.23
Other furniture and fixtures	81.41	79.99	78.78	77.33	74.00	2.02	1.98	1.95	1.90	1.85
STONE, CLAY, AND GLASS PRODUCTS	98.57	95.24	92.57	91.46	84.80	2.41	2.34	2.28	2.22	2.12
Flat glass	126.01	122.68	127.66	132.29	112.31	3.29	3.17	3.16	3.18	2.94
Glass and glassware, pressed or blown	98.33	95.44	91.94	88.36	85.10	2.44	2.38	2.31	2.22	2.16
Glass containers	100.12	96.80	91.77	88.53	86.83	2.46	2.39	2.30	2.23	2.16
Pressed and blown glassware, n.e.c.	95.83	93.62	92.10	88.58	81.70	2.42	2.37	2.32	2.22	2.15
Cement, hydraulic	112.75	106.52	102.87	98.98	93.09	2.75	2.63	2.54	2.42	2.31
Structural clay products	86.69	84.45	82.21	81.19	76.24	2.13	2.08	2.04	1.99	1.93
Brick and structural clay tile	82.57	80.70	77.68	76.49	73.26	1.98	1.94	1.89	1.83	1.80
Pottery and related products	86.85	82.13	80.98	78.90	71.31	2.21	2.15	2.12	2.06	1.97
Concrete, gypsum, and plaster products	100.96	97.10	93.04	92.45	86.92	2.37	2.29	2.21	2.14	2.05
Other stone and mineral products	98.33	95.24	93.88	93.38	85.60	2.41	2.34	2.30	2.25	2.14
Abrasive products	99.79	96.71	94.71	96.39	85.88	2.47	2.43	2.41	2.38	2.26

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGSTable SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
MINING	41.0	40.5	40.4	40.5	38.9	-	-	-	-	-
METAL MINING	41.5	41.4	41.8	40.3	38.6	-	-	-	-	-
Iron ores	39.8	38.5	39.7	37.4	35.8	-	-	-	-	-
Copper ores	42.8	43.6	44.4	42.7	39.4	-	-	-	-	-
COAL MINING	2/36.6	35.8	35.5	35.4	33.0	-	-	-	-	-
Bituminous	2/36.7	35.9	35.8	35.8	33.3	-	-	-	-	-
CRUDE PETROLEUM AND NATURAL GAS	42.0	41.8	42.0	42.6	42.1	-	-	-	-	-
Crude petroleum and natural gas fields	40.8	40.7	40.5	40.8	40.7	-	-	-	-	-
Oil and gas field services	43.0	42.8	43.5	44.3	43.5	-	-	-	-	-
QUARRYING AND NONMETALLIC MINING	44.3	43.9	43.7	44.4	43.3	-	-	-	-	-
CONTRACT CONSTRUCTION	37.0	36.9	36.7	37.0	36.8	-	-	-	-	-
GENERAL BUILDING CONTRACTORS	35.6	35.8	35.4	35.7	35.5	-	-	-	-	-
HEAVY CONSTRUCTION	40.5	40.3	40.6	40.8	40.6	-	-	-	-	-
Highway and street construction	41.1	40.5	41.2	41.2	41.1	-	-	-	-	-
Other heavy construction	39.9	40.1	39.9	40.3	40.0	-	-	-	-	-
SPECIAL TRADE CONTRACTORS	36.3	36.2	35.9	36.3	36.0	-	-	-	-	-
MANUFACTURING	40.4	39.8	39.7	40.3	39.2	2.8	2.4	2.4	2.7	2.0
DURABLE GOODS	40.9	40.3	40.1	40.7	39.5	2.8	2.3	2.4	2.7	1.9
NONDURABLE GOODS	39.6	39.3	39.2	39.7	38.8	2.7	2.5	2.5	2.7	2.2
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	41.1	40.9	40.8	41.2	40.8	2.2	1.8	1.9	2.0	1.8
Ammunition, except for small arms	40.8	41.1	41.0	41.4	40.5	1.9	1.6	1.7	2.0	1.5
Sighting and fire control equipment	42.2	40.3	41.1	41.5	41.7	3.0	2.2	2.8	2.5	2.4
Other ordnance and accessories	41.3	40.9	40.3	40.6	40.4	2.5	2.1	1.8	1.8	1.6
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	39.8	39.4	39.0	39.7	38.6	3.2	2.9	2.9	3.2	2.3
Sawmills and planing mills	39.4	39.2	39.3	39.8	38.5	3.1	2.9	3.0	3.3	1.9
Sawmills and planing mills, general	39.1	39.0	39.1	39.7	38.4	-	-	-	-	-
Millwork, plywood, and related products	40.9	40.4	39.8	41.2	40.4	3.3	2.8	2.6	3.3	2.8
Millwork	40.3	40.1	39.5	40.7	40.1	-	-	-	-	-
Veneer and plywood	41.7	41.0	40.3	42.1	40.8	-	-	-	-	-
Wooden containers	40.1	39.7	39.5	40.1	38.6	2.9	2.5	2.6	2.8	1.8
Wooden boxes, shooks, and crates	40.3	39.9	39.8	40.5	38.6	-	-	-	-	-
Miscellaneous wood products	40.3	40.1	40.3	40.6	39.8	2.9	2.6	2.7	2.9	2.4
FURNITURE AND FIXTURES	40.7	40.0	40.0	40.7	39.3	2.9	2.4	2.5	2.8	2.0
Household furniture	40.8	39.7	39.8	40.7	39.3	3.0	2.4	2.5	2.8	2.0
Wood house furniture, upholstered	42.0	40.6	40.7	41.6	39.5	-	-	-	-	-
Wood house furniture, upholstered	39.3	38.6	38.5	39.4	38.4	-	-	-	-	-
Mattresses and bedsprings	39.2	38.8	38.9	40.4	39.4	-	-	-	-	-
Office furniture	40.6	40.6	41.1	40.5	38.4	2.1	2.0	2.4	2.4	1.4
Partitions, office and store fixtures	41.1	40.7	40.3	40.3	39.6	3.0	2.4	2.3	2.6	2.2
Other furniture and fixtures	40.3	40.4	40.4	40.7	40.0	2.6	2.6	2.7	2.9	2.2
STONE, CLAY, AND GLASS PRODUCTS	40.9	40.7	40.6	41.2	40.0	3.4	3.2	3.1	3.6	2.8
Flat glass	38.3	38.7	40.4	41.6	38.2	1.7	2.1	2.4	3.7	2.4
Glass and glassware, pressed or blown	40.3	40.1	39.8	39.8	39.4	3.5	3.6	3.6	3.7	3.8
Glass containers	40.7	40.5	39.9	39.7	40.2	-	-	-	-	-
Pressed and blown glassware, n.e.c.	39.6	39.5	39.7	39.9	38.0	-	-	-	-	-
Cement, hydraulic	41.0	40.5	40.5	40.9	40.3	1.8	1.5	1.6	1.8	1.5
Structural clay products	40.7	40.6	40.3	40.8	39.5	2.8	2.7	2.7	3.0	2.4
Brick and structural clay tile	41.7	41.6	41.1	41.8	40.7	-	-	-	-	-
Pottery and related products	39.3	38.2	38.2	38.3	36.2	1.8	1.5	1.5	1.7	1.0
Concrete, gypsum, and plaster products	42.6	42.4	42.1	43.2	42.4	5.4	5.0	4.8	5.5	4.0
Other stone and mineral products	40.8	40.7	40.6	41.5	40.0	2.7	2.3	2.4	3.0	2.0
Abrasive products	40.4	39.8	39.3	40.5	38.0	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	\$119.80	\$114.84	\$109.59	\$112.19	\$101.11	\$2.98	\$2.90	\$2.81	\$2.77	\$2.64
Blast furnace and basic steel products	127.40	122.92	116.13	122.71	108.00	3.25	3.16	3.04	3.06	2.88
Blast furnaces, steel and rolling mills	128.31	123.84	117.04	123.38	108.54	3.29	3.20	3.08	3.10	2.91
Iron and steel foundries	106.52	98.81	96.61	97.04	86.86	2.63	2.54	2.49	2.42	2.31
Gray iron foundries	103.83	96.61	94.67	95.27	84.52	2.57	2.49	2.44	2.37	2.26
Malleable iron foundries	107.59	99.06	94.35	96.00	87.55	2.65	2.54	2.47	2.40	2.31
Steel foundries	110.97	104.01	101.66	100.69	91.48	2.74	2.66	2.60	2.53	2.42
Nonferrous smelting and refining	114.95	110.16	108.09	104.81	99.88	2.79	2.70	2.63	2.55	2.46
Nonferrous rolling, drawing and extruding	116.05	111.76	105.01	105.59	98.01	2.75	2.68	2.58	2.52	2.42
Copper rolling, drawing, and extruding	119.00	115.35	105.32	110.17	98.40	2.82	2.74	2.62	2.58	2.46
Aluminum rolling, drawing, and extruding	125.46	121.22	113.42	112.05	104.75	2.98	2.90	2.78	2.70	2.56
Nonferrous wire drawing and insulating	106.25	101.26	98.23	97.39	92.93	2.50	2.44	2.39	2.33	2.25
Nonferrous foundries	104.55	100.75	97.11	96.87	90.85	2.55	2.50	2.44	2.38	2.30
Aluminum castings	106.34	103.48	99.14	99.05	91.08	2.60	2.53	2.46	2.41	2.30
Other nonferrous castings	103.16	98.31	95.74	94.71	90.00	2.51	2.47	2.43	2.35	2.29
Miscellaneous primary metal industries	124.50	117.16	112.80	111.78	100.61	3.00	2.90	2.82	2.76	2.62
Iron and steel forgings	126.48	119.10	115.74	114.11	102.87	3.10	3.00	2.93	2.86	2.70
FABRICATED METAL PRODUCTS	104.81	100.85	98.42	96.12	89.78	2.55	2.49	2.43	2.35	2.25
Metal cans	126.30	121.80	114.68	113.21	105.25	3.00	2.90	2.77	2.67	2.53
Cutlery, hand tools, and general hardware	99.14	93.53	92.63	89.10	82.92	2.43	2.35	2.31	2.20	2.11
Cutlery and hand tools, including saws	95.00	90.40	87.16	86.27	80.16	2.34	2.26	2.19	2.13	2.05
Hardware, n.e.c.	101.59	95.28	96.15	91.35	84.32	2.49	2.40	2.38	2.25	2.14
Heating equipment and plumbing fixtures	98.55	94.95	91.03	91.43	87.52	2.47	2.41	2.34	2.28	2.21
Sanitary ware and plumbers' brass goods	98.95	95.11	91.15	94.00	87.98	2.48	2.42	2.38	2.35	2.25
Heating equipment, except electric	97.76	94.64	91.25	89.42	86.58	2.45	2.39	2.31	2.23	2.17
Fabricated structural metal products	104.60	102.06	99.47	95.68	92.63	2.57	2.52	2.45	2.38	2.31
Fabricated structural steel	106.52	103.79	100.94	94.64	93.67	2.63	2.55	2.48	2.39	2.33
Metal doors, sash, frames, and trim	92.48	89.28	86.37	85.60	83.60	2.25	2.21	2.17	2.14	2.09
Fabricated plate work (boiler shops)	108.94	105.99	103.63	99.54	96.08	2.67	2.63	2.54	2.47	2.39
Sheet metal work	107.73	105.30	103.22	101.02	95.36	2.66	2.60	2.53	2.47	2.39
Architectural and miscellaneous metal work	106.49	104.04	101.09	97.36	93.90	2.61	2.55	2.49	2.41	2.33
Screw machine products, bolts, etc.	106.00	98.49	95.18	97.06	87.52	2.50	2.42	2.35	2.30	2.21
Screw machine products	100.30	93.66	91.21	92.00	84.40	2.36	2.29	2.23	2.18	2.11
Bolts, nuts, screws, rivets, and washers	110.83	102.47	98.89	101.70	90.39	2.62	2.53	2.46	2.41	2.30
Metal stampings	111.76	105.41	108.16	104.33	92.00	2.68	2.59	2.60	2.49	2.30
Coating, engraving, and allied services	93.34	90.32	86.43	84.46	81.80	2.26	2.23	2.15	2.06	2.04
Miscellaneous fabricated wire products	96.64	94.07	90.09	89.22	82.76	2.34	2.30	2.23	2.16	2.09
Miscellaneous fabricated metal products	103.53	100.19	96.71	95.82	89.95	2.55	2.48	2.43	2.36	2.26
Valves, pipe, and pipe fittings	105.56	102.11	98.46	97.12	92.04	2.60	2.54	2.48	2.41	2.33
MACHINERY	113.01	107.42	104.55	102.92	94.33	2.71	2.62	2.55	2.48	2.37
Engines and turbines	119.88	114.80	109.69	109.48	103.34	2.96	2.87	2.77	2.69	2.59
Steam engines and turbines	128.88	125.45	120.90	116.58	112.06	3.19	3.09	3.00	2.90	2.76
Internal combustion engines, n.e.c.	114.62	107.71	104.15	105.52	97.32	2.83	2.72	2.65	2.58	2.47
Farm machinery and equipment	107.59	102.66	99.05	99.47	93.50	2.65	2.56	2.47	2.45	2.32
Construction and related machinery	112.34	106.52	102.66	103.66	92.67	2.72	2.63	2.56	2.51	2.37
Construction and mining machinery	112.88	106.67	102.54	103.16	91.80	2.76	2.66	2.57	2.51	2.36
Oil field machinery and equipment	108.58	105.66	99.85	104.43	91.65	2.61	2.54	2.49	2.44	2.35
Conveyors, hoists, and industrial cranes	114.01	107.01	104.49	102.00	92.90	2.67	2.61	2.58	2.50	2.37
Metalworking machinery and equipment	125.57	117.04	117.27	113.74	102.00	2.90	2.80	2.74	2.67	2.55
Machine tools, metal cutting types	119.41	112.19	110.99	106.93	91.20	2.79	2.71	2.63	2.54	2.40
Special dies, tools, jigs, and fixtures	140.14	128.92	132.59	127.58	118.00	3.08	2.95	2.94	2.88	2.77
Machine tool accessories	111.07	103.72	102.72	101.84	89.62	2.67	2.58	2.53	2.46	2.34
Miscellaneous metalworking machinery	117.16	110.15	109.06	105.22	95.80	2.83	2.74	2.66	2.56	2.45
Special industry machinery	106.77	101.43	99.72	96.37	87.56	2.53	2.45	2.38	2.30	2.20
Food products machinery	110.35	104.24	101.11	98.29	91.48	2.64	2.53	2.46	2.38	2.27
Textile machinery	93.04	88.58	85.91	82.76	74.29	2.21	2.15	2.07	1.98	1.90
General industrial machinery	110.83	105.04	101.71	102.01	91.57	2.69	2.60	2.53	2.47	2.33
Pumps; air and gas compressors	108.62	103.63	101.76	100.32	90.00	2.63	2.54	2.47	2.40	2.29
Ball and roller bearings	113.85	104.94	98.55	103.34	91.41	2.75	2.63	2.54	2.49	2.32
Mechanical power transmission goods	113.01	105.44	102.36	102.42	91.89	2.71	2.61	2.54	2.48	2.35
Office, computing, and accounting machines	113.15	111.24	106.23	101.91	96.00	2.78	2.70	2.61	2.51	2.40
Computing machines and cash registers	120.36	119.52	114.12	109.61	103.17	2.95	2.88	2.77	2.68	2.56
Service industry machines	100.12	95.84	93.43	93.02	87.12	2.46	2.39	2.33	2.28	2.20
Refrigeration, except home refrigerators	99.47	95.20	94.07	93.20	87.30	2.45	2.38	2.34	2.29	2.21
Miscellaneous machinery	109.13	104.00	101.02	99.30	91.48	2.58	2.50	2.44	2.37	2.27
Machine shops, jobbing and repair	108.80	105.00	102.17	99.30	91.94	2.56	2.50	2.45	2.37	2.27
Machine parts, n.e.c., except electrical	109.62	102.66	99.39	99.78	91.37	2.61	2.51	2.43	2.37	2.29

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGSTable SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>										
PRIMARY METAL INDUSTRIES	40.2	39.6	39.0	40.5	38.3	2.3	1.9	1.8	2.6	1.4
Blast furnace and basic steel products	39.2	38.9	38.2	40.1	37.5	1.4	1.3	1.3	2.2	.9
Blast furnaces, steel and rolling mills	39.0	38.7	38.0	39.8	37.3	-	-	-	-	-
Iron and steel foundries	40.5	38.9	38.8	40.1	37.6	2.9	2.1	2.1	2.7	1.5
Gray iron foundries	40.4	38.8	38.8	40.2	37.4	-	-	-	-	-
Malleable iron foundries	40.6	39.0	38.2	40.0	37.9	-	-	-	-	-
Steel foundries	40.5	39.1	39.1	39.8	37.8	-	-	-	-	-
Nonferrous smelting and refining	41.2	40.8	41.1	41.1	40.6	2.7	2.5	3.0	3.2	2.7
Nonferrous rolling, drawing and extruding	42.2	41.7	40.7	41.9	40.5	3.6	3.1	2.4	3.4	2.3
Copper rolling, drawing, and extruding	42.2	42.1	40.2	42.7	40.0	-	-	-	-	-
Aluminum rolling, drawing, and extruding	42.1	41.8	40.8	41.5	40.6	-	-	-	-	-
Nonferrous wire drawing and insulating	42.5	41.5	41.1	41.8	41.3	-	-	-	-	-
Nonferrous foundries	41.0	40.3	39.8	40.7	39.5	2.9	2.3	2.3	2.8	1.6
Aluminum castings	40.9	40.9	40.3	41.1	39.6	-	-	-	-	-
Other nonferrous castings	41.1	39.8	39.4	40.3	39.3	-	-	-	-	-
Miscellaneous primary metal industries	41.5	40.4	40.0	40.5	38.4	3.2	2.4	2.3	2.6	1.5
Iron and steel forgings	40.8	39.7	39.5	39.9	38.1	-	-	-	-	-
FABRICATED METAL PRODUCTS	41.1	40.5	40.5	40.9	39.9	2.9	2.4	2.6	2.8	2.1
Metal cans	42.1	42.0	41.4	42.4	41.6	3.5	3.2	2.8	3.4	2.9
Cutlery, hand tools, and general hardware	40.8	39.8	40.1	40.5	39.3	2.5	2.1	2.1	2.2	1.5
Cutlery and hand tools, including saws	40.6	40.0	39.8	40.5	39.1	-	-	-	-	-
Hardware, n.e.c.	40.8	39.7	40.4	40.6	39.4	-	-	-	-	-
Heating equipment and plumbing fixtures	39.9	39.4	38.9	40.1	39.6	1.9	1.5	1.4	2.1	1.6
Sanitary ware and plumbers' brass goods	39.9	39.3	38.3	40.0	39.1	-	-	-	-	-
Heating equipment, except electric	39.9	39.6	39.5	40.1	39.9	-	-	-	-	-
Fabricated structural metal products	40.7	40.5	40.6	40.2	40.1	2.5	2.3	2.4	2.2	1.9
Fabricated structural steel	40.5	40.7	40.7	39.6	40.2	-	-	-	-	-
Metal doors, sash, frames, and trim	41.1	40.4	39.8	40.0	40.0	-	-	-	-	-
Fabricated plate work (boiler shops)	40.8	40.3	40.8	40.3	40.2	-	-	-	-	-
Sheet metal work	40.5	40.5	40.8	40.9	39.9	-	-	-	-	-
Architectural and miscellaneous metal work	40.8	40.8	40.6	40.4	40.3	-	-	-	-	-
Screw machine products, bolts, etc.	42.4	40.7	40.5	42.2	39.6	4.0	2.6	2.5	3.6	2.0
Screw machine products	42.5	40.9	40.9	42.2	40.0	-	-	-	-	-
Bolts, nuts, screws, rivets, and washers	42.3	40.5	40.2	42.2	39.3	-	-	-	-	-
Metal stampings	41.7	40.7	41.6	41.9	40.0	3.5	2.9	3.8	3.8	2.7
Coating, engraving, and allied services	41.3	40.5	40.2	41.0	40.1	3.3	2.8	2.7	3.1	2.5
Miscellaneous fabricated wire products	41.3	40.9	40.4	41.3	39.6	3.0	2.7	2.6	3.2	2.0
Miscellaneous fabricated metal products	40.6	40.4	39.8	40.6	39.8	2.6	2.3	1.9	2.6	1.8
Valves, pipe, and pipe fittings	40.6	40.2	39.7	40.3	39.5	-	-	-	-	-
MACHINERY	41.7	41.0	41.0	41.5	39.8	3.1	2.5	2.7	2.9	1.8
Engines and turbines	40.5	40.0	39.6	40.7	39.9	2.2	1.8	1.9	2.6	1.9
Steam engines and turbines	40.4	40.6	40.3	40.2	40.6	-	-	-	-	-
Internal combustion engines, n.e.c.	40.5	39.6	39.3	40.9	39.4	-	-	-	-	-
Farm machinery and equipment	40.6	40.1	40.1	40.6	40.3	2.1	1.6	1.9	2.2	2.1
Construction and related machinery	41.3	40.5	40.1	41.3	39.1	2.6	1.9	1.8	2.7	1.4
Construction and mining machinery	40.9	40.1	39.9	41.1	38.9	-	-	-	-	-
Oil field machinery and equipment	41.6	41.6	40.1	42.8	39.0	-	-	-	-	-
Conveyors, hoists, and industrial cranes	42.7	41.0	40.5	40.8	39.2	-	-	-	-	-
Metalworking machinery and equipment	43.3	41.8	42.8	42.6	40.0	4.7	3.4	4.3	4.0	2.5
Machine tools, metal cutting types	42.8	41.4	42.2	42.1	38.0	-	-	-	-	-
Special dies, tools, jigs, and fixtures	45.5	43.7	45.1	44.3	42.6	-	-	-	-	-
Machine tool accessories	41.6	40.2	40.6	41.4	38.3	-	-	-	-	-
Miscellaneous metalworking machinery	41.4	40.2	41.0	41.1	39.1	-	-	-	-	-
Special industry machinery	42.2	41.4	41.9	41.9	39.8	3.5	2.8	3.3	3.2	1.8
Food products machinery	41.8	41.2	41.1	41.3	40.3	-	-	-	-	-
Textile machinery	42.1	41.2	41.5	41.8	39.1	-	-	-	-	-
General industrial machinery	41.2	40.4	40.2	41.3	39.3	2.8	2.0	2.1	2.8	1.3
Pumps; air and gas compressors	41.3	40.8	41.2	41.8	39.3	-	-	-	-	-
Ball and roller bearings	41.4	39.9	38.8	41.5	39.4	-	-	-	-	-
Mechanical power transmission goods	41.7	40.4	40.3	41.3	39.1	-	-	-	-	-
Office, computing, and accounting machines	40.7	41.2	40.7	40.6	40.0	1.5	2.2	1.9	1.5	1.2
Computing machines and cash registers	40.8	41.5	41.2	40.9	40.3	-	-	-	-	-
Service industry machines	40.7	40.1	40.1	40.8	39.6	2.0	1.6	1.9	2.2	1.4
Refrigeration, except home refrigerators	40.6	40.0	40.2	40.7	39.5	-	-	-	-	-
Miscellaneous machinery	42.3	41.6	41.4	41.9	40.3	4.1	3.5	3.4	3.8	2.4
Machine shops, jobbing and repair	42.5	42.0	41.7	41.9	40.5	-	-	-	-	-
Machine parts, n.e.c., except electrical	42.0	40.9	40.9	42.1	39.9	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	\$97.44	\$94.47	\$90.74	\$89.10	\$83.95	\$2.40	\$2.35	\$2.28	\$2.20	\$2.12
Electric distribution equipment	102.87	101.00	98.17	95.65	90.91	2.54	2.50	2.43	2.35	2.29
Electric measuring instruments	92.86	90.00	85.57	84.03	80.19	2.31	2.25	2.15	2.08	2.03
Power and distribution transformers	105.26	102.62	100.44	97.92	91.54	2.58	2.54	2.48	2.40	2.30
Switchgear and switchboard apparatus	109.89	108.53	106.08	102.25	97.36	2.70	2.66	2.60	2.50	2.44
Electrical industrial apparatus	102.00	98.58	95.04	93.43	87.12	2.50	2.44	2.37	2.29	2.20
Motors and generators	105.73	102.56	97.69	95.47	90.40	2.56	2.52	2.43	2.34	2.26
Industrial controls	98.74	94.40	90.91	90.32	83.46	2.45	2.36	2.29	2.23	2.14
Household appliances	104.23	101.30	96.23	94.87	89.83	2.58	2.52	2.43	2.36	2.28
Household refrigerators and freezers	112.44	108.94	102.05	101.71	93.84	2.79	2.71	2.59	2.53	2.40
Household laundry equipment	108.40	103.74	99.00	97.12	96.05	2.67	2.60	2.50	2.41	2.36
Electric housewares and fans	89.95	86.24	84.07	83.58	79.70	2.26	2.20	2.15	2.10	2.07
Electric lighting and wiring equipment	90.85	87.91	84.71	83.63	77.62	2.26	2.22	2.15	2.07	1.98
Electric lamps	94.47	91.31	86.80	87.51	79.97	2.35	2.30	2.22	2.15	2.04
Lighting fixtures	91.08	86.46	84.74	83.23	76.05	2.26	2.20	2.14	2.05	1.95
Wiring devices	88.62	86.76	82.92	81.80	77.42	2.21	2.18	2.11	2.04	1.96
Radio and TV receiving sets	85.75	82.11	79.93	79.00	74.69	2.16	2.12	2.06	2.00	1.92
Communication equipment	106.97	102.72	98.58	97.82	92.34	2.59	2.53	2.44	2.36	2.28
Telephone and telegraph apparatus	107.64	103.38	102.42	99.29	93.20	2.60	2.54	2.48	2.41	2.33
Radio and TV communication equipment	106.30	102.06	96.80	96.76	91.39	2.58	2.52	2.42	2.36	2.24
Electronic components and accessories	82.00	80.40	76.24	74.00	69.81	2.05	2.00	1.93	1.85	1.79
Electron tubes	93.02	89.32	83.16	79.00	74.30	2.28	2.20	2.10	2.00	1.91
Electronic components, n.e.c.	78.41	77.39	73.47	71.15	66.69	1.97	1.93	1.86	1.77	1.71
Miscellaneous electrical equipment and supplies	106.66	97.11	94.33	92.34	86.29	2.57	2.44	2.37	2.28	2.19
Electrical equipment for engines	112.44	100.61	98.46	95.68	88.69	2.69	2.56	2.48	2.38	2.28
TRANSPORTATION EQUIPMENT	122.22	113.40	111.52	107.45	100.40	2.91	2.80	2.74	2.64	2.51
Motor vehicles and equipment	127.67	114.69	115.21	111.38	101.24	2.99	2.86	2.81	2.71	2.55
Motor vehicles	133.98	119.77	118.20	114.95	104.01	3.08	2.95	2.89	2.79	2.62
Passenger car bodies	137.81	120.56	124.86	113.93	115.45	3.19	3.06	2.98	2.82	2.71
Truck and bus bodies	102.00	96.32	96.63	93.89	85.36	2.50	2.42	2.38	2.29	2.15
Motor vehicle parts and accessories	123.77	112.52	113.16	110.15	98.53	2.94	2.82	2.76	2.68	2.52
Aircraft and parts	119.97	114.68	110.43	106.63	101.25	2.87	2.77	2.70	2.62	2.50
Aircraft	119.97	114.26	110.03	105.86	101.66	2.87	2.78	2.71	2.64	2.51
Aircraft engines and engine parts	120.77	116.62	112.20	108.50	99.65	2.91	2.81	2.73	2.64	2.51
Other aircraft parts and equipment	118.72	113.40	109.30	106.34	100.53	2.80	2.70	2.64	2.55	2.44
Ship and boat building and repairing	114.97	111.20	103.75	100.47	96.58	2.86	2.78	2.64	2.55	2.47
Ship building and repairing	121.60	117.20	110.43	106.23	100.88	3.01	2.93	2.81	2.71	2.58
Boat building and repairing	86.33	83.98	78.79	77.79	74.86	2.18	2.11	2.01	1.94	1.90
Railroad equipment	118.10	108.11	107.20	105.72	99.20	2.96	2.83	2.77	2.69	2.59
Other transportation equipment	86.22	83.71	80.13	80.40	76.24	2.15	2.13	2.06	1.99	1.93
INSTRUMENTS AND RELATED PRODUCTS	99.80	96.87	93.32	91.39	85.57	2.44	2.38	2.31	2.24	2.15
Engineering and scientific instruments	115.64	112.07	110.95	107.43	99.96	2.80	2.74	2.68	2.57	2.45
Mechanical measuring and control devices	98.98	95.91	92.00	91.84	85.54	2.45	2.38	2.30	2.24	2.16
Mechanical measuring devices	99.72	95.99	92.52	92.10	84.28	2.45	2.37	2.29	2.23	2.15
Automatic temperature controls	97.36	95.76	90.78	91.13	88.07	2.44	2.40	2.31	2.25	2.18
Optical and ophthalmic goods	89.62	86.92	81.40	77.59	73.10	2.17	2.12	2.03	1.93	1.86
Surgical, medical, and dental equipment	84.45	81.81	80.00	78.79	75.43	2.08	2.03	2.00	1.96	1.90
Photographic equipment and supplies	114.26	110.09	105.47	102.01	94.64	2.74	2.64	2.56	2.47	2.36
Watches and clocks	83.37	80.58	76.83	76.63	73.32	2.10	2.04	1.97	1.94	1.88
MISCELLANEOUS MANUFACTURING INDUSTRIES	78.21	75.84	74.28	73.42	70.17	1.97	1.92	1.89	1.84	1.79
Jewelry, silverware, and plated ware	84.82	81.81	80.40	80.16	76.61	2.11	2.03	2.00	1.96	1.92
Toys, amusement, and sporting goods	71.37	70.17	68.11	66.98	63.47	1.83	1.79	1.76	1.70	1.64
Toys, games, dolls, and play vehicles	68.68	67.08	65.11	64.91	61.66	1.77	1.72	1.70	1.66	1.61
Sporting and athletic goods, n.e.c.	75.66	75.65	73.26	70.58	67.15	1.93	1.92	1.85	1.76	1.70
Pens, pencils, office and art materials	74.82	72.86	71.92	70.98	68.16	1.88	1.84	1.83	1.77	1.73
Cosume jewelry, buttons, and notions	71.68	68.78	66.13	66.86	63.34	1.81	1.75	1.70	1.68	1.62
Other manufacturing industries	84.82	81.78	80.39	78.80	75.06	2.11	2.06	2.03	1.97	1.91
<i>Nondurable Goods.</i>										
FOOD AND KINDRED PRODUCTS	91.62	88.75	85.68	82.82	79.15	2.24	2.17	2.10	2.02	1.94
Meat products	98.66	96.52	94.42	91.88	86.24	2.43	2.36	2.32	2.23	2.14
Meat packing	116.06	112.71	109.20	106.50	97.34	2.77	2.69	2.60	2.50	2.38
Sausages and other prepared meats	105.66	101.35	98.88	95.87	90.39	2.54	2.46	2.40	2.31	2.21
Poultry dressing and packing	52.62	53.48	49.91	49.24	49.91	1.43	1.40	1.36	1.32	1.31

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGSTable SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>										
ELECTRICAL EQUIPMENT AND SUPPLIES	40.6	40.2	39.8	40.5	39.6	2.2	1.9	1.8	2.2	1.4
Electric distribution equipment	40.5	40.4	40.4	40.7	39.7	2.0	1.8	1.9	2.2	1.4
Electric measuring instruments	40.2	40.0	39.8	40.4	39.5	-	-	-	-	-
Power and distribution transformers	40.8	40.4	40.5	40.8	39.8	-	-	-	-	-
Switchgear and switchboard apparatus	40.7	40.8	40.8	40.9	39.9	-	-	-	-	-
Electrical industrial apparatus	40.8	40.4	40.1	40.8	39.6	2.2	1.9	1.8	2.3	1.3
Motors and generators	41.3	40.7	40.2	40.8	40.0	-	-	-	-	-
Industrial controls	40.3	40.0	39.7	40.5	39.0	-	-	-	-	-
Household appliances	40.4	40.2	39.6	40.2	39.4	1.9	1.9	1.6	2.0	1.6
Household refrigerators and freezers	40.3	40.2	39.4	40.2	39.1	-	-	-	-	-
Household laundry equipment	40.6	39.9	39.6	40.3	40.7	-	-	-	-	-
Electric housewares and fans	39.8	39.2	39.1	39.8	38.5	-	-	-	-	-
Electric lighting and wiring equipment	40.2	39.6	39.4	40.4	39.2	1.9	1.6	1.7	2.3	1.3
Electric lamps	40.2	39.7	39.1	40.7	39.2	-	-	-	-	-
Lighting fixtures	40.3	39.3	39.6	40.6	39.0	-	-	-	-	-
Wiring devices	40.1	39.8	39.3	40.1	39.5	-	-	-	-	-
Radio and TV receiving sets	39.7	39.1	38.8	39.5	38.9	1.9	1.6	1.4	1.9	1.4
Communication equipment	41.3	40.6	40.4	41.1	40.5	2.5	2.2	2.5	2.5	1.8
Telephone and telegraph apparatus	41.4	40.7	41.3	41.2	40.0	-	-	-	-	-
Radio and TV communication equipment	41.2	40.5	40.0	41.0	40.8	-	-	-	-	-
Electronic components and accessories	40.0	40.2	39.5	40.0	39.0	2.0	1.9	1.6	2.0	1.1
Electron tubes	40.8	40.6	39.6	39.5	38.9	-	-	-	-	-
Electronic components, n.e.c.	39.8	40.1	39.5	40.2	39.0	-	-	-	-	-
Miscellaneous electrical equipment and supplies	41.5	39.8	39.8	40.5	39.4	3.2	2.2	1.9	2.5	1.6
Electrical equipment for engines	41.8	39.3	39.7	40.2	38.9	-	-	-	-	-
TRANSPORTATION EQUIPMENT	42.0	40.5	40.7	40.7	40.0	3.5	2.5	2.7	2.6	2.1
Motor vehicles and equipment	42.7	40.1	41.0	41.1	39.7	4.1	2.6	3.2	3.1	2.3
Motor vehicles	43.5	40.6	40.9	41.2	39.7	-	-	-	-	-
Passenger car bodies	43.2	39.4	41.9	40.4	42.6	-	-	-	-	-
Truck and bus bodies	40.8	39.8	40.6	41.0	39.7	-	-	-	-	-
Motor vehicle parts and accessories	42.1	39.9	41.0	41.1	39.1	-	-	-	-	-
Aircraft and parts	41.8	41.4	40.9	40.7	40.5	2.9	2.5	2.2	2.1	1.9
Aircraft	41.8	41.1	40.6	40.1	40.5	-	-	-	-	-
Aircraft engines and engine parts	41.5	41.5	41.1	41.1	39.7	-	-	-	-	-
Other aircraft parts and equipment	42.4	42.0	41.4	41.7	41.2	-	-	-	-	-
Ship and boat building and repairing	40.2	40.0	39.3	39.4	39.1	2.8	2.6	2.4	2.3	2.3
Ship building and repairing	40.4	40.0	39.3	39.2	39.1	-	-	-	-	-
Boat building and repairing	39.6	39.8	39.2	40.1	39.4	-	-	-	-	-
Railroad equipment	39.9	38.2	38.7	39.3	38.3	2.0	.9	1.2	1.6	1.0
Other transportation equipment	40.1	39.3	38.9	40.4	39.5	2.5	1.8	1.7	2.9	2.1
INSTRUMENTS AND RELATED PRODUCTS	40.9	40.7	40.4	40.8	39.8	2.4	2.1	2.1	2.3	1.6
Engineering and scientific instruments	41.3	40.9	41.4	41.8	40.8	2.6	2.2	2.8	2.8	1.8
Mechanical measuring and control devices	40.4	40.3	40.0	41.0	39.6	2.2	1.9	1.9	2.3	1.3
Mechanical measuring devices	40.7	40.5	40.4	41.3	39.2	-	-	-	-	-
Automatic temperature controls	39.9	39.9	39.3	40.5	40.4	-	-	-	-	-
Optical and ophthalmic goods	41.3	41.0	40.1	40.2	39.3	2.2	2.0	1.8	1.7	1.2
Surgical, medical, and dental equipment	40.6	40.3	40.0	40.2	39.7	2.3	2.1	2.2	2.2	1.9
Photographic equipment and supplies	41.7	41.7	41.2	41.3	40.1	2.9	2.9	2.5	2.5	1.8
Watches and clocks	39.7	39.5	39.0	39.5	39.0	1.9	1.5	1.0	1.7	1.1
MISCELLANEOUS MANUFACTURING INDUSTRIES	39.7	39.5	39.3	39.9	39.2	2.3	2.2	2.1	2.4	1.9
Jewelry, silverware, and plated ware	40.2	40.3	40.2	40.9	39.9	3.0	3.0	2.8	3.1	2.2
Toys, amusement, and sporting goods	39.0	39.2	38.7	39.4	38.7	1.9	1.9	2.0	2.1	1.6
Toys, games, dolls, and play vehicles	38.8	39.0	38.3	39.1	38.3	-	-	-	-	-
Sporting and athletic goods, n.e.c.	39.2	39.4	39.6	40.1	39.5	-	-	-	-	-
Pens, pencils, office and art materials	39.8	39.6	39.3	40.1	39.4	2.0	1.8	1.5	1.9	1.6
Costume jewelry, buttons, and notions	39.6	39.3	38.9	39.8	39.1	2.2	1.9	1.7	2.3	2.4
Other manufacturing industries	40.2	39.7	39.6	40.0	39.3	2.5	2.3	2.3	2.5	1.9
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	40.9	40.9	40.8	41.0	40.8	3.4	3.3	3.3	3.3	3.1
Meat products	40.6	40.9	40.7	41.2	40.3	3.6	3.7	3.7	3.9	3.1
Meat packing	41.9	41.9	42.0	42.6	40.9	-	-	-	-	-
Sausages and other prepared meats	41.6	41.2	41.2	41.5	40.9	-	-	-	-	-
Poultry dressing and packing	36.8	38.2	36.7	37.3	38.1	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Nondurable Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS-- Continued										
Dairy products	\$96.05	\$93.08	\$90.10	\$86.50	\$82.91	\$2.26	\$2.19	\$2.13	\$2.04	\$1.96
Ice cream and frozen desserts	92.52	91.02	87.97	85.67	79.84	2.29	2.22	2.13	2.03	1.91
Fluid milk	100.15	96.50	93.08	89.68	86.09	2.34	2.26	2.19	2.11	2.04
Canned and preserved food, except meats	73.53	70.67	68.71	65.28	64.12	1.90	1.85	1.78	1.70	1.64
Canned, cured and frozen sea foods	61.44	54.05	54.43	53.87	53.30	1.92	1.89	1.75	1.71	1.63
Canned food, except sea foods	79.17	75.95	74.48	69.95	69.38	1.95	1.88	1.83	1.74	1.68
Frozen food, except sea foods	68.46	67.97	63.27	60.28	58.21	1.72	1.67	1.61	1.53	1.47
Grain mill products	101.92	99.01	93.92	90.85	87.60	2.28	2.21	2.12	2.06	2.00
Flour and other grain mill products	110.90	108.51	102.60	98.12	94.29	2.47	2.39	2.28	2.20	2.10
Prepared feeds for animals and fowls	89.28	85.56	82.36	80.00	77.78	1.92	1.86	1.81	1.77	1.74
Bakery products	91.30	88.04	84.00	80.00	76.38	2.26	2.19	2.10	1.99	1.90
Bread, cake, and perishable products	93.38	90.09	85.63	82.22	78.17	2.30	2.23	2.13	2.03	1.93
Biscuit, crackers, and pretzels	85.79	81.16	77.62	72.73	69.95	2.15	2.06	1.98	1.86	1.78
Sugar	97.75	95.27	93.93	88.64	91.08	2.30	2.19	2.13	2.01	2.07
Confectionery and related products	76.61	73.42	69.34	66.59	63.90	1.92	1.84	1.76	1.69	1.63
Candy and other confectionery products	73.05	69.70	66.08	63.73	61.62	1.84	1.76	1.69	1.63	1.58
Beverages	103.31	99.85	96.72	93.56	88.36	2.57	2.49	2.40	2.31	2.22
Malt liquors	130.94	125.22	120.08	116.03	110.04	3.29	3.17	3.04	2.93	2.80
Bottled and canned soft drinks	73.75	71.80	69.72	68.00	63.45	1.79	1.73	1.66	1.60	1.54
Miscellaneous food and kindred products	91.38	87.34	84.38	81.79	78.26	2.14	2.06	1.99	1.92	1.85
TOBACCO MANUFACTURES										
Cigarettes	89.54	85.72	80.29	80.40	77.57	2.29	2.17	2.08	2.00	1.92
Cigars	57.82	56.02	53.86	52.88	51.24	1.55	1.49	1.44	1.41	1.37
TEXTILE MILL PRODUCTS										
Cotton broad woven fabrics	66.75	63.20	62.56	60.90	54.00	1.64	1.58	1.56	1.50	1.41
Silk and synthetic broad woven fabrics	73.44	68.72	68.31	66.94	60.50	1.72	1.66	1.65	1.59	1.52
Weaving and finishing broad woollens	77.17	72.28	69.83	70.64	64.71	1.82	1.75	1.72	1.67	1.59
Narrow fabrics and smallwares	70.93	68.11	66.07	65.69	60.92	1.73	1.69	1.66	1.61	1.55
Knitting	61.44	59.21	56.93	57.13	54.75	1.60	1.55	1.51	1.48	1.46
Full-fashioned hosiery	59.59	59.44	58.06	57.30	57.61	1.56	1.54	1.52	1.52	1.52
Seamless hosiery	57.30	55.19	52.59	52.96	49.14	1.52	1.46	1.41	1.39	1.35
Knit outerwear	64.73	62.58	59.36	59.68	58.29	1.69	1.66	1.60	1.55	1.53
Knit underwear	58.37	55.65	54.17	56.20	51.99	1.52	1.48	1.46	1.43	1.39
Finishing textiles, except wool and knit	78.07	74.70	71.73	72.14	67.73	1.85	1.80	1.78	1.73	1.66
Floor covering	73.04	71.05	70.22	72.51	67.32	1.76	1.75	1.76	1.76	1.70
Yarn and thread	62.22	59.55	58.05	58.40	52.64	1.54	1.50	1.50	1.46	1.40
Miscellaneous textile goods	78.91	75.36	73.60	72.45	66.64	1.82	1.87	1.84	1.78	1.70
APPAREL AND RELATED PRODUCTS										
Men's and boys' suits and coats	72.54	67.78	68.27	65.28	60.38	1.95	1.92	1.85	1.75	1.73
Men's and boys' furnishings	53.53	49.87	48.55	49.14	46.05	1.42	1.37	1.33	1.30	1.29
Men's and boys' shirts and nightwear	53.62	49.45	49.50	49.15	46.46	1.40	1.34	1.32	1.29	1.28
Men's and boys' separate trousers	53.91	49.76	48.87	49.26	46.15	1.43	1.39	1.35	1.31	1.30
Work clothing	50.83	47.55	44.60	46.73	43.77	1.37	1.31	1.26	1.24	1.24
Women's, misses', and juniors' outerwear	64.45	61.61	58.76	59.68	57.45	1.89	1.85	1.77	1.75	1.72
Women's blouses, waists, and shirts	54.91	51.53	50.13	51.41	48.38	1.56	1.52	1.51	1.49	1.44
Women's, misses', and juniors' dresses	62.84	59.76	56.72	58.81	56.11	1.91	1.85	1.74	1.74	1.69
Women's suits, skirts, and coats	78.54	74.58	70.42	70.17	67.72	2.31	2.26	2.16	2.12	2.09
Women's and misses' outerwear, n.e.c	59.15	56.06	54.51	54.32	51.19	1.59	1.54	1.51	1.48	1.43
Women's and children's undergarments	55.48	54.02	51.91	51.97	50.26	1.52	1.48	1.51	1.42	1.40
Women's and children's underwear	53.14	51.69	49.76	50.65	48.82	1.46	1.42	1.39	1.38	1.36
Corsets and allied garments	60.19	59.09	56.00	55.18	53.34	1.64	1.61	1.56	1.52	1.49
Hats, caps, and millinery	65.52	63.19	60.54	61.90	60.72	1.81	1.77	1.72	1.71	1.72
Girls' and children's outerwear	54.72	52.75	51.54	50.84	49.98	1.52	1.49	1.46	1.42	1.40
Children's dresses, blouses, and shirts	54.16	52.05	51.36	50.26	48.37	1.53	1.50	1.48	1.44	1.39
Fur goods and miscellaneous apparel	64.98	62.65	59.81	61.35	59.98	1.80	1.75	1.68	1.69	1.68
Miscellaneous fabricated textile products	64.26	62.75	61.24	60.13	56.55	1.70	1.66	1.62	1.57	1.50
Housefurnishings	57.38	55.43	53.36	53.77	51.94	1.53	1.49	1.45	1.43	1.40
PAPER AND ALLIED PRODUCTS										
Paper and pulp	112.92	109.69	105.46	102.75	97.20	2.59	2.51	2.43	2.33	2.25
Paperboard	114.22	109.44	105.16	102.90	96.70	2.59	2.51	2.44	2.36	2.27
Converted paper and paperboard products	90.64	87.54	83.23	81.16	76.17	2.20	2.13	2.04	1.97	1.89
Bags, except textile bags	83.84	82.42	78.38	76.48	71.28	2.07	2.02	1.94	1.87	1.80
Paperboard containers and boxes	94.24	91.10	86.31	85.27	80.16	2.26	2.19	2.10	2.04	1.96
Folding and setup paperboard boxes	83.44	81.40	77.99	76.89	73.75	2.05	2.00	1.94	1.88	1.83
Corrugated and solid fiber boxes	102.00	99.92	94.05	93.73	86.74	2.40	2.34	2.25	2.19	2.09

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGSTable SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	1962	1961	1960	1959	1959	1962	1961	1960	1959	1958
<i>Nondurable Goods--Continued</i>										
FOOD AND KINDRED PRODUCTS--Continued										
Dairy products	42.5	42.5	42.3	42.4	42.3	3.4	3.1	2.9	2.9	3.3
Ice cream and frozen desserts	40.4	41.0	41.3	42.2	41.8	-	-	-	-	-
Fluid milk	42.8	42.7	42.5	42.5	42.2	-	-	-	-	-
Canned and preserved food, except meats	38.7	38.2	38.6	38.4	39.1	2.6	2.4	2.3	2.4	2.2
Canned, cured and frozen sea foods	32.0	28.6	31.1	31.5	32.7	-	-	-	-	-
Canned food, except sea foods	40.6	40.4	40.7	40.2	41.3	-	-	-	-	-
Frozen food, except sea foods	39.8	40.7	39.3	39.4	39.6	-	-	-	-	-
Grain mill products	44.7	44.8	44.3	44.1	43.8	6.3	6.2	6.0	5.9	5.6
Flour and other grain mill products	44.9	45.4	45.0	44.6	44.9	-	-	-	-	-
Prepared feeds for animals and fowls	46.5	46.0	45.5	45.2	44.7	-	-	-	-	-
Bakery products	40.4	40.2	40.0	40.2	40.2	3.1	2.9	2.9	2.9	2.8
Bread, cake, and perishable products	40.6	40.4	40.2	40.5	40.5	-	-	-	-	-
Biscuit, crackers, and pretzels	39.9	39.4	39.2	39.1	39.3	-	-	-	-	-
Sugar	42.5	43.5	44.1	44.1	44.0	3.7	4.3	4.2	4.2	5.1
Confectionery and related products	39.9	39.9	39.4	39.4	39.2	2.5	2.5	2.4	2.2	2.2
Candy and other confectionery products	39.7	39.6	39.1	39.1	39.0	-	-	-	-	-
Beverages	40.2	40.1	40.3	40.5	39.8	2.8	2.7	2.8	2.8	2.1
Malt liquors	39.8	39.5	39.5	39.6	39.3	-	-	-	-	-
Bottled and canned soft drinks	41.2	41.5	42.0	42.5	41.2	-	-	-	-	-
Miscellaneous food and kindred products	42.7	42.4	42.4	42.6	42.3	3.9	3.9	3.9	3.9	3.9
TOBACCO MANUFACTURES										
Cigarettes	38.6	39.0	38.2	39.1	39.1	1.0	1.1	1.0	1.2	1.3
Cigars	39.1	39.5	38.6	40.2	40.4	.9	1.2	1.1	1.5	2.0
	37.3	37.6	37.4	37.5	37.4	.9	1.0	1.0	.9	.8
TEXTILE MILL PRODUCTS										
Cotton broad woven fabrics	40.6	39.9	39.5	40.4	38.6	3.2	2.7	2.6	3.1	2.1
Silk and synthetic broad woven fabrics	40.7	40.0	40.1	40.6	38.3	3.2	2.7	2.8	3.2	2.0
Weaving and finishing broad woolsens	42.7	41.4	41.4	42.1	39.8	4.3	3.2	3.3	3.7	2.5
Narrow fabrics and smallwares	42.4	41.3	40.6	42.3	40.7	4.2	3.3	3.1	4.2	3.1
Knitting	41.0	40.3	39.8	40.8	39.3	3.3	2.9	2.4	2.9	2.1
Full-fashioned hosiery	38.4	38.2	37.7	38.6	37.5	2.2	2.0	1.9	2.2	1.7
Seamless hosiery	38.2	38.6	38.2	37.7	37.9	-	-	-	-	-
Knit outerwear	37.7	37.8	37.3	38.1	36.4	-	-	-	-	-
Knit underwear	38.3	37.7	37.1	38.5	38.1	-	-	-	-	-
Finishing textiles, except wool and knit	38.4	37.6	37.1	39.3	37.4	-	-	-	-	-
Floor covering	42.2	41.5	40.3	41.7	40.8	4.2	3.7	3.2	3.9	3.0
Yarn and thread	41.5	40.6	39.9	41.2	39.6	4.1	3.3	2.8	3.5	2.3
Miscellaneous textile goods	40.4	39.7	38.7	40.0	37.6	3.2	2.7	2.4	2.9	1.7
	41.1	40.3	40.0	40.7	39.2	3.5	2.9	2.8	3.3	2.4
APPAREL AND RELATED PRODUCTS										
Men's and boys' suits and coats	36.2	35.4	35.4	36.3	35.1	1.3	1.1	1.2	1.3	1.0
Men's and boys' furnishings	37.2	35.3	36.9	37.3	34.9	1.2	.8	1.4	1.3	.6
Men's and boys' shirts and nightwear	37.7	36.4	36.5	37.8	35.7	1.2	.9	1.0	1.2	.8
Men's and boys' separate trousers	38.3	36.9	37.5	38.1	36.3	-	-	-	-	-
Work clothing	37.7	35.8	36.2	37.6	35.5	-	-	-	-	-
Women's, misses', and juniors' outerwear	37.1	36.3	35.4	37.7	35.3	-	-	-	-	-
Women's blouses, waists, and shirts	34.1	33.3	33.2	34.1	33.4	1.4	1.1	1.1	1.2	1.0
Women's suits, skirts, and coats	35.2	33.9	33.2	34.5	33.6	-	-	-	-	-
Women's dresses	32.9	32.3	32.6	33.8	33.2	-	-	-	-	-
Women's suits, skirts, and coats, n.e.c.	34.0	33.0	32.6	33.1	32.4	-	-	-	-	-
Women's and misses' outerwear, n.e.c.	37.2	36.4	36.1	36.7	35.8	-	-	-	-	-
Women's and children's undergarments	36.5	36.5	35.8	36.6	35.9	1.3	1.4	1.1	1.3	.9
Women's and children's underwear	36.4	36.4	35.8	36.7	35.9	-	-	-	-	-
Corsets and allied garments	36.7	36.7	35.9	36.3	35.8	-	-	-	-	-
Hats, caps, and millinery	36.2	35.7	35.2	36.2	35.3	1.5	1.5	1.3	1.6	1.6
Girls' and children's outerwear	36.0	35.4	35.3	35.8	35.7	1.2	1.3	1.3	1.3	1.1
Children's dresses, blouses, and shirts	35.4	34.7	34.7	34.9	34.8	-	-	-	-	-
Fur goods and miscellaneous apparel	36.1	35.8	35.6	36.3	35.7	1.2	1.2	1.1	1.3	1.3
Miscellaneous fabricated textile products	37.8	37.8	37.8	38.3	37.7	1.7	1.6	1.7	1.9	1.5
Housefurnishings	37.5	37.2	36.8	37.6	37.1	-	-	-	-	-
PAPER AND ALLIED PRODUCTS										
Paper and pulp	42.5	42.5	42.1	42.8	41.9	4.4	4.2	4.1	4.5	3.9
Paperboard	43.6	43.7	43.4	44.1	43.2	5.2	5.0	5.1	5.5	4.7
Converted paper and paperboard products	44.1	43.6	43.1	43.6	42.6	5.9	5.6	5.1	5.6	4.9
Bags, except textile bags	41.2	41.1	40.8	41.2	40.3	3.0	3.0	2.8	3.1	2.4
Paperboard containers and boxes	40.5	40.8	40.4	40.9	39.6	-	-	-	-	-
Folding and setup paperboard boxes	41.7	41.6	41.1	41.8	40.9	3.9	3.7	3.3	4.0	3.3
Corrugated and solid fiber boxes	40.7	40.7	40.2	40.9	40.3	-	-	-	-	-
	42.5	42.7	41.8	42.8	41.5	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Nondurable Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	\$107.62	\$105.05	\$102.91	\$99.46	\$94.62	\$2.81	\$2.75	\$2.68	\$2.59	\$2.49
Newspaper publishing and printing	110.35	107.45	105.70	101.84	97.82	3.04	2.96	2.88	2.79	2.68
Periodical publishing and printing	111.95	109.81	109.18	105.60	97.50	2.82	2.78	2.75	2.66	2.50
Books	99.85	99.06	95.82	92.34	86.55	2.49	2.44	2.36	2.28	2.18
Commercial printing	110.15	106.20	103.88	100.86	95.45	2.81	2.73	2.65	2.56	2.46
Commercial printing, except lithographic	107.36	104.49	102.57	99.82	94.43	2.76	2.70	2.63	2.54	2.44
Commercial printing, lithographic	115.42	110.88	108.13	104.41	99.04	2.90	2.80	2.71	2.63	2.52
Bookbinding and related industries	85.91	82.35	78.87	77.16	72.38	2.22	2.15	2.07	2.02	1.92
Other publishing and printing industries	110.59	108.96	106.75	104.45	98.80	2.88	2.83	2.78	2.72	2.60
CHEMICALS AND ALLIED PRODUCTS	109.98	106.81	103.25	99.36	93.20	2.65	2.58	2.50	2.40	2.29
Industrial chemicals	124.68	120.93	117.31	113.15	105.67	2.99	2.90	2.82	2.72	2.59
Plastics and synthetics, except glass	109.52	107.07	104.17	100.50	93.61	2.62	2.58	2.51	2.41	2.30
Plastics and synthetics, except fibers	117.59	115.48	111.67	109.31	101.50	2.78	2.73	2.64	2.56	2.44
Synthetic fibers	99.77	96.76	94.02	89.35	83.79	2.41	2.36	2.31	2.19	2.10
Drugs	98.40	94.37	90.68	87.51	83.44	2.40	2.33	2.25	2.15	2.05
Pharmaceutical preparations	93.26	90.63	86.98	83.81	80.40	2.32	2.26	2.18	2.09	2.00
Soap, cleaners, and toilet goods	103.89	100.45	95.41	90.54	85.84	2.54	2.45	2.35	2.23	2.13
Soap and detergents	126.12	123.22	117.46	110.81	104.90	3.01	2.92	2.81	2.67	2.54
Toilet preparations	84.19	80.99	76.05	73.68	69.95	2.11	2.04	1.95	1.87	1.78
Paints, varnishes, and allied products	101.59	97.85	95.24	92.93	87.31	2.49	2.41	2.34	2.25	2.14
Agricultural chemicals	88.39	84.38	82.80	79.98	76.20	2.07	1.99	1.93	1.86	1.81
Fertilizers, complete and mixing only	84.12	80.94	79.55	77.51	73.78	1.97	1.90	1.85	1.79	1.74
Other chemical products	103.75	100.77	97.06	94.16	87.82	2.50	2.44	2.35	2.28	2.19
PETROLEUM REFINING AND RELATED INDUSTRIES	126.88	124.31	118.78	117.42	111.66	3.05	3.01	2.89	2.85	2.73
Petroleum refining	131.43	129.24	123.22	121.99	115.02	3.19	3.16	3.02	2.99	2.84
Other petroleum and coal products	107.75	102.10	98.83	97.61	94.60	2.50	2.38	2.32	2.27	2.20
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	100.04	96.15	92.57	93.75	85.85	2.44	2.38	2.32	2.27	2.19
Tires and inner tubes	130.47	121.88	116.62	120.93	105.38	3.19	3.07	2.96	2.90	2.73
Other rubber products	95.53	91.53	87.82	88.38	79.97	2.33	2.26	2.19	2.14	2.04
Miscellaneous plastic products	85.90	83.03	79.60	78.53	74.43	2.09	2.04	1.98	1.92	1.87
LEATHER AND LEATHER PRODUCTS	64.67	62.83	60.52	60.10	57.25	1.72	1.68	1.64	1.59	1.56
Leather tanning and finishing	87.42	84.35	81.74	79.39	76.44	2.18	2.13	2.08	2.02	1.96
Foot wear, except rubber	62.66	60.15	58.04	58.28	54.36	1.68	1.63	1.59	1.55	1.51
Other leather products	62.58	61.07	58.62	57.99	56.10	1.66	1.62	1.58	1.53	1.50
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads	115.87	112.94	108.84	106.43	101.50	2.72	2.67	2.61	2.54	2.44
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	100.11	98.24	95.25	92.01	87.29	2.35	2.29	2.21	2.12	2.03
Intercity and rural bus lines	118.40	110.76	104.37	99.17	92.48	2.76	2.60	2.45	2.35	2.25
MOTOR FREIGHT TRANSPORTATION AND STORAGE	113.30	108.58	104.17	102.55	96.33	2.73	2.61	2.51	2.43	2.31
PIPELINE TRANSPORTATION	132.76	131.45	124.53	124.14	119.84	3.27	3.27	3.09	3.05	2.93
COMMUNICATION:										
Telephone communication	98.95	93.38	89.50	85.46	78.72	2.48	2.37	2.26	2.18	2.05
Switchboard operating employees ³	75.75	71.39	70.31	68.44	64.24	2.02	1.94	1.88	1.83	1.76
Line construction employees ⁴	139.36	130.46	124.27	115.87	105.00	3.16	3.02	2.87	2.72	2.53
Telegraph communication ⁵	107.78	104.33	100.01	95.99	90.06	2.56	2.49	2.37	2.28	2.17
Radio and television broadcasting	127.20	120.12	121.13	115.50	111.27	3.27	3.12	3.13	3.00	2.89
ELECTRIC, GAS, AND SANITARY SERVICES	116.85	112.07	108.65	103.73	98.57	2.85	2.74	2.65	2.53	2.41
Electric companies and systems	118.24	112.75	109.86	104.81	99.63	2.87	2.75	2.66	2.55	2.43
Gas companies and systems	108.53	104.19	100.28	97.51	92.69	2.66	2.56	2.47	2.39	2.30
Combined utility systems	126.59	121.77	117.26	110.70	105.22	3.08	2.97	2.86	2.70	2.56
Water, steam, and sanitary systems	94.66	92.62	89.84	86.11	83.60	2.32	2.27	2.17	2.07	2.00

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGSTable SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Nondurable Goods--Continued</i>										
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	38.3	38.2	38.4	38.4	38.0	2.8	2.7	2.9	2.8	2.5
Newspaper publishing and printing	36.3	36.3	36.7	36.5	36.5	2.5	2.4	2.6	2.6	2.6
Periodical publishing and printing	39.7	39.5	39.7	39.7	39.0	3.1	3.1	3.5	3.4	2.6
Books	40.1	40.6	40.6	40.5	39.7	3.4	3.7	3.8	3.4	2.8
Commercial printing	39.2	38.9	39.2	39.4	38.8	3.0	2.9	3.1	3.2	2.7
Commercial printing, except lithographic	38.9	38.7	39.0	39.3	38.7	-	-	-	-	-
Commercial printing, lithographic	39.8	39.6	39.9	39.7	39.3	-	-	-	-	-
Bookbinding and related industries	38.7	38.3	38.1	38.2	37.7	2.4	2.1	2.1	2.0	1.6
Other publishing and printing industries	38.4	38.5	38.4	38.4	38.0	2.6	2.5	2.6	2.5	2.1
CHEMICALS AND ALLIED PRODUCTS	41.5	41.4	41.3	41.4	40.7	2.5	2.3	2.4	2.5	1.9
Industrial chemicals	41.7	41.7	41.6	41.6	40.8	2.5	2.3	2.5	2.5	1.8
Plastics and synthetics, except glass	41.8	41.5	41.5	41.7	40.7	2.3	2.0	1.9	2.2	1.5
Plastics and synthetics, except fibers	42.3	42.3	42.3	42.7	41.6	-	-	-	-	-
Synthetic fibers	41.4	41.0	40.7	40.8	39.9	-	-	-	-	-
Drugs	41.0	40.5	40.3	40.7	40.7	2.4	1.9	1.9	2.0	1.8
Pharmaceutical preparations	40.2	40.1	39.9	40.1	40.2	-	-	-	-	-
Soap, cleaners, and toilet goods	40.9	41.0	40.6	40.6	40.3	2.7	2.6	2.3	2.2	2.1
Soap and detergents	41.9	42.2	41.8	41.5	41.3	-	-	-	-	-
Toilet preparations	39.9	39.7	39.0	39.4	39.3	-	-	-	-	-
Paints, varnishes, and allied products	40.8	40.6	40.7	41.3	40.8	2.1	1.9	1.9	2.3	1.9
Agricultural chemicals	42.7	42.4	42.9	43.0	42.1	4.1	3.8	4.2	4.5	3.7
Fertilizers, complete and mixing only	42.7	42.6	43.0	43.3	42.4	-	-	-	-	-
Other chemical products	41.5	41.3	41.3	41.3	40.1	2.6	2.6	2.5	2.6	1.9
PETROLEUM REFINING AND RELATED INDUSTRIES	41.6	41.3	41.1	41.2	40.9	2.3	2.0	2.0	2.0	1.8
Petroleum refining	41.2	40.9	40.8	40.8	40.5	1.6	1.5	1.4	1.4	1.2
Other petroleum and coal products	43.1	42.9	42.6	43.0	43.0	4.8	4.4	4.5	4.8	4.8
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	41.0	40.4	39.9	41.3	39.2	3.1	2.6	2.4	3.5	1.9
Tires and inner tubes	40.9	39.7	39.4	41.7	38.6	3.3	2.7	2.3	4.5	2.4
Other rubber products	41.0	40.5	40.1	41.3	39.2	2.9	2.4	2.2	3.3	1.6
Miscellaneous plastic products	41.1	40.7	40.2	40.9	39.8	3.2	2.9	2.5	3.0	1.7
LEATHER AND LEATHER PRODUCTS	37.6	37.4	36.9	37.8	36.7	1.4	1.4	1.3	1.4	1.1
Leather tanning and finishing	40.1	39.6	39.3	39.3	39.0	2.6	2.3	2.1	2.1	1.9
Foot wear, except rubber	37.3	36.9	36.5	37.6	36.0	1.1	1.1	1.1	1.3	.9
Other leather products	37.7	37.7	37.1	37.9	37.4	1.8	1.7	1.4	1.6	1.5
TRANSPORTATION AND PUBLIC UTILITIES:										
RAILROAD TRANSPORTATION:										
Class I railroads	42.6	42.3	41.7	41.9	41.6	-	-	-	-	-
LOCAL AND INTERURBAN PASSENGER TRANSIT:										
Local and suburban transportation	42.6	42.9	43.1	43.4	43.0	-	-	-	-	-
Intercity and rural bus lines	42.9	42.6	42.6	42.2	41.1	-	-	-	-	-
MOTOR FREIGHT TRANSPORTATION AND STORAGE	41.5	41.6	41.5	42.2	41.7	-	-	-	-	-
PIPELINE TRANSPORTATION	40.6	40.2	40.3	40.7	40.9	-	-	-	-	-
COMMUNICATION:										
Telephone communication	39.9	39.4	39.6	39.2	38.4	-	-	-	-	-
Switchboard operating employees ³	37.5	36.8	37.4	37.4	36.5	-	-	-	-	-
Line construction employees ⁴	44.1	43.2	43.3	42.6	41.5	-	-	-	-	-
Telegraph communication ⁵	42.1	41.9	42.2	42.1	41.5	-	-	-	-	-
Radio and television broadcasting	38.9	38.5	38.7	38.5	38.5	-	-	-	-	-
ELECTRIC, GAS, AND SANITARY SERVICES	41.0	40.9	41.0	41.0	40.9	-	-	-	-	-
Electric companies and systems	41.2	41.0	41.3	41.1	41.0	-	-	-	-	-
Gas companies and systems	40.8	40.7	40.6	40.8	40.3	-	-	-	-	-
Combined utility systems	41.1	41.0	41.0	41.0	41.1	-	-	-	-	-
Water, steam, and sanitary systems	40.8	40.8	41.4	41.6	41.8	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

Table SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly earnings					Average hourly earnings				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
WHOLESALE AND RETAIL TRADE⁶	\$75.08	\$72.56	\$70.77	\$69.17	\$66.47	\$1.94	\$1.87	\$1.81	\$1.76	\$1.70
WHOLESALE TRADE	96.22	93.56	90.72	88.51	84.02	2.37	2.31	2.24	2.18	2.09
Motor vehicles and automotive equipment	92.82	89.46	86.53	84.22	80.26	2.21	2.13	2.07	2.01	1.92
Drugs, chemicals, and allied products	97.84	94.24	91.20	87.38	83.37	2.44	2.35	2.28	2.19	2.10
Dry goods and apparel	92.48	92.72	90.30	89.68	86.64	2.44	2.44	2.37	2.36	2.28
Groceries and related products	89.86	86.53	84.04	81.56	78.44	2.16	2.09	2.03	1.97	1.89
Electrical goods	101.59	97.53	95.11	93.73	90.54	2.49	2.42	2.36	2.32	2.23
Hardware, plumbing, and heating goods	92.97	89.91	86.86	84.45	80.60	2.29	2.22	2.15	2.08	2.01
Machinery, equipment, and supplies	104.14	101.59	99.80	97.99	93.56	2.54	2.49	2.44	2.39	2.31
RETAIL TRADE⁶	65.95	64.01	62.37	60.76	58.82	1.74	1.68	1.62	1.57	1.52
General merchandise stores	52.59	50.52	49.07	47.60	45.85	1.52	1.46	1.41	1.36	1.31
Department stores	57.10	55.04	53.09	52.15	50.05	1.66	1.60	1.53	1.49	1.43
Limited price variety stores	38.91	37.28	35.53	34.22	33.46	1.19	1.14	1.09	1.04	1.02
Food stores	64.78	63.01	60.98	58.72	57.72	1.83	1.76	1.68	1.60	1.59
Grocery, meat, and vegetable stores	66.22	64.44	62.78	60.15	59.17	1.86	1.79	1.72	1.63	1.63
Apparel and accessories stores	53.63	51.90	50.81	50.40	49.07	1.55	1.50	1.46	1.44	1.39
Men's and boys' apparel stores	65.82	64.67	63.29	62.54	59.88	1.76	1.72	1.67	1.65	1.58
Women's ready-to-wear stores	47.46	45.77	44.41	43.31	41.82	1.40	1.35	1.31	1.27	1.23
Family clothing stores	52.45	51.91	51.10	51.01	50.32	1.49	1.45	1.40	1.39	1.36
Shoe stores	55.61	52.97	52.49	51.51	50.43	1.67	1.61	1.61	1.58	1.51
Furniture and appliance stores	80.75	77.64	74.98	73.87	70.14	1.96	1.88	1.82	1.78	1.67
Other retail trade	75.76	73.57	71.57	70.22	67.10	1.83	1.76	1.70	1.66	1.59
Motor vehicle dealers	93.08	88.44	87.91	86.08	80.00	2.13	2.01	1.98	1.93	1.81
Other vehicle and accessory dealers	80.08	78.32	77.26	74.36	70.20	1.82	1.76	1.74	1.69	1.61
Drug stores	57.41	55.80	53.34	51.27	49.01	1.56	1.50	1.43	1.36	1.30
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	71.80	69.38	67.15	65.10	63.24	1.93	1.87	1.81	1.75	1.70
Security dealers and exchanges	116.95	133.37	117.13	124.23	110.19	-	-	-	-	-
Insurance carriers	93.46	89.75	87.37	85.28	82.93	-	-	-	-	-
Life insurance	99.08	95.12	93.33	91.52	89.25	-	-	-	-	-
Accident and health insurance	78.33	74.39	71.31	68.47	68.08	-	-	-	-	-
Fire, marine, and casualty insurance	88.61	85.08	81.91	79.34	76.50	-	-	-	-	-
SERVICES AND MISCELLANEOUS:										
Hotels and lodging places:										
Hotels, tourist courts, and motels ⁷	46.14	45.14	43.49	42.40	40.89	1.18	1.14	1.09	1.06	1.03
Personal services:										
Laundries, cleaning and dyeing plants	50.57	49.28	48.11	46.41	45.28	1.30	1.27	1.24	1.19	1.17
Motion pictures:										
Motion picture filming and distributing	122.27	120.50	115.02	112.05	100.53	-	-	-	-	-

See footnotes at end of table.

ESTABLISHMENT DATA
HOURS AND EARNINGSTable SC-1: Gross hours and earnings of production workers,¹ by industry--Continued

Industry	Average weekly hours					Average overtime hours				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
WHOLESALE AND RETAIL TRADE⁶	38.7	38.8	39.1	39.3	39.1	-	-	-	-	-
WHOLESALE TRADE	40.6	40.5	40.5	40.6	40.2	-	-	-	-	-
Motor vehicles and automotive equipment	42.0	42.0	41.8	41.9	41.8	-	-	-	-	-
Drugs, chemicals, and allied products	40.1	40.1	40.0	39.9	39.7	-	-	-	-	-
Dry goods and apparel	37.9	38.0	38.1	38.0	38.0	-	-	-	-	-
Groceries and related products	41.6	41.4	41.4	41.4	41.5	-	-	-	-	-
Electrical goods	40.8	40.3	40.3	40.4	40.6	-	-	-	-	-
Hardware, plumbing, and heating goods	40.6	40.5	40.4	40.6	40.1	-	-	-	-	-
Machinery, equipment, and supplies	41.0	40.8	40.9	41.0	40.5	-	-	-	-	-
RETAIL TRADE⁶	37.9	38.1	38.5	38.7	38.7	-	-	-	-	-
General merchandise stores	34.6	34.6	34.8	35.0	35.0	-	-	-	-	-
Department stores	34.4	34.4	34.7	35.0	35.0	-	-	-	-	-
Limited price variety stores	32.7	32.7	32.6	32.9	32.8	-	-	-	-	-
Food stores	35.4	35.8	36.3	36.7	36.3	-	-	-	-	-
Grocery, meat, and vegetable stores	35.6	36.0	36.5	36.9	36.3	-	-	-	-	-
Apparel and accessories stores	34.6	34.6	34.8	35.0	35.3	-	-	-	-	-
Men's and boys' apparel stores	37.4	37.6	37.9	37.9	37.9	-	-	-	-	-
Women's ready-to-wear stores	33.9	33.9	33.9	34.1	34.0	-	-	-	-	-
Family clothing stores	35.2	35.8	36.5	36.7	37.0	-	-	-	-	-
Shoe stores	33.3	32.9	32.6	32.6	33.4	-	-	-	-	-
Furniture and appliance stores	41.2	41.3	41.2	41.5	42.0	-	-	-	-	-
Other retail trade	41.4	41.8	42.1	42.3	42.2	-	-	-	-	-
Motor vehicle dealers	43.7	44.0	44.4	44.6	44.2	-	-	-	-	-
Other vehicle and accessory dealers	44.0	44.5	44.4	44.0	43.6	-	-	-	-	-
Drug stores	36.8	37.2	37.3	37.7	37.7	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE:										
Banking	37.2	37.1	37.1	37.2	37.2	-	-	-	-	-
Security dealers and exchanges	-	-	-	-	-	-	-	-	-	-
Insurance carriers	-	-	-	-	-	-	-	-	-	-
Life insurance	-	-	-	-	-	-	-	-	-	-
Accident and health insurance	-	-	-	-	-	-	-	-	-	-
Fire, marine, and casualty insurance	-	-	-	-	-	-	-	-	-	-
SERVICES AND MISCELLANEOUS:										
Hotels and lodging places:										
Hotels, tourist courts, and motels ⁷	39.1	39.6	39.9	40.0	39.7	-	-	-	-	-
Personal services:										
Laundries, cleaning and dyeing plants	38.9	38.8	38.8	39.0	38.7	-	-	-	-	-
Motion pictures:										
Motion picture filming and distributing	-	-	-	-	-	-	-	-	-	-

¹For mining and manufacturing, laundries, and cleaning and dyeing plants, data refer to production and related workers; for contract construction, to construction workers; and for all other industries, to nonsupervisory workers.

²11-month average.

³Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1960, such employees made up 35 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁴Data 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. In 1960, such employees made up 30 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵Data relate to nonsupervisory employees except messengers.

⁶Data exclude eating and drinking places.

⁷Money payments only; additional value of board, room, uniforms, and tips, not included.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

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Table SC-2: Indexes of aggregate weekly man-hours and payrolls in industrial and construction activities¹

Industry	1957-59=100				
	1962	1961	1960	1959	1958
TOTAL	99.8	95.7	99.2	101.2	94.1
Man-hours					
MINING	83.6	85.6	91.5	94.8	94.4
CONTRACT CONSTRUCTION	99.3	96.1	98.3	102.3	95.4
MANUFACTURING	100.6	96.1	99.7	101.3	93.8
DURABLE GOODS	100.3	94.1	99.5	101.0	91.6
Ordnance and accessories	150.3	133.4	117.7	107.6	93.1
Lumber and wood products, except furniture	93.3	91.2	97.7	104.9	94.6
Furniture and fixtures	104.8	97.7	102.4	105.1	94.5
Stone, clay, and glass products	100.3	97.7	102.0	104.6	93.6
Primary metal industries	95.3	91.7	98.1	97.8	90.0
Fabricated metal products	100.6	94.8	100.4	100.7	93.4
Machinery	101.9	94.4	100.2	100.5	88.7
Electrical equipment and supplies	115.8	105.9	106.7	105.5	91.2
Transportation equipment	88.7	80.8	90.8	95.8	90.3
Instruments and related products	103.2	99.4	102.9	103.1	93.7
Miscellaneous manufacturing industries	102.1	98.0	101.0	102.0	95.9
NONDURABLE GOODS	101.1	98.7	100.1	101.7	96.7
Food and kindred products	95.3	96.5	98.0	99.2	98.7
Tobacco manufactures	93.2	94.6	97.1	99.9	100.2
Textile mill products	97.4	94.8	97.4	102.4	95.0
Apparel and related products	106.9	100.2	102.1	103.9	95.7
Paper and allied products	105.5	103.6	103.1	103.0	97.0
Printing, publishing, and allied industries	104.7	104.0	104.0	101.6	98.5
Chemicals and allied products	103.5	100.5	101.4	100.9	96.8
Petroleum refining and related industries	86.1	88.5	93.6	95.1	99.3
Rubber and miscellaneous plastic products	113.4	102.3	102.8	105.2	91.2
Leather and leather products	98.1	96.7	96.9	103.1	95.5
Payrolls					
MINING	90.5	90.6	95.6	97.2	93.7
CONTRACT CONSTRUCTION	116.4	108.8	107.1	106.2	95.4
MANUFACTURING	113.7	105.4	106.7	105.1	93.5

¹For mining and manufacturing, data refer to production and related workers; for contract construction, data relate to construction workers.

Table SC-3: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry

Major industry group	Average hourly earnings excluding overtime ¹				
	1962	1961	1960	1959	1958
MANUFACTURING	\$2.31	\$2.25	\$2.19	\$2.12	\$2.05
DURABLE GOODS	2.48	2.42	2.36	2.28	2.21
Ordnance and accessories	2.75	2.71	2.60	2.52	2.46
Lumber and wood products, except furniture	1.91	1.88	1.83	1.79	1.74
Furniture and fixtures	1.88	1.86	1.82	1.77	1.74
Stone, clay, and glass products	2.31	2.25	2.20	2.13	2.05
Primary metal industries	2.90	2.84	2.75	2.68	2.59
Fabricated metal products	2.47	2.41	2.36	2.27	2.20
Machinery	2.61	2.54	2.47	2.40	2.31
Electrical equipment and supplies	2.34	2.29	2.22	2.14	2.08
Transportation equipment	2.80	2.72	2.65	2.56	2.44
Instruments and related products	2.37	2.32	2.25	2.18	2.11
Miscellaneous manufacturing industries	1.92	1.87	1.84	1.79	1.74
NONDURABLE GOODS	2.09	2.05	1.99	1.91	1.86
Food and kindred products	2.15	2.09	2.02	1.94	1.87
Tobacco manufactures	1.83	1.75	1.68	1.62	1.56
Textile mill products	1.62	1.58	1.56	1.51	1.46
Apparel and related products	1.65	1.62	1.57	1.53	1.52
Paper and allied products	2.29	2.22	2.15	2.07	2.01
Printing, publishing, and allied industries	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	2.57	2.51	2.43	2.33	2.24
Petroleum refining and related industries	2.97	2.94	2.82	2.79	2.67
Rubber and miscellaneous plastic products	2.35	2.30	2.25	2.18	2.13
Leather and leather products	1.69	1.65	1.61	1.56	1.53

¹Derived by assuming that overtime hours are paid at the rate of time and one-half.

²Not available as average overtime rates are significantly above time and one-half. Inclusion of data for the group in the nondurable goods total has little effect.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**
**Table SC-4: Gross and spendable average weekly earnings in selected industries,
in current and 1957-59 dollars ¹**

Type of earnings	1962	1961	1960	1959	1958
MINING					
Gross average weekly earnings:					
Current dollars	\$110.70	\$106.92	\$105.44	\$103.68	\$96.08
1957-59 dollars	105.03	102.61	102.27	102.15	95.41
Spendable average weekly earnings:					
Worker with no dependents:					
Current dollars	88.76	85.98	84.85	83.96	78.55
1957-59 dollars	84.21	82.51	82.30	82.72	78.00
Worker with three dependents:					
Current dollars	97.12	94.13	92.92	91.94	86.20
1957-59 dollars	92.14	90.34	90.13	90.58	85.60
CONTRACT CONSTRUCTION					
Gross average weekly earnings:					
Current dollars	\$122.47	\$118.08	\$113.04	\$108.41	\$103.78
1957-59 dollars	116.20	113.32	109.64	106.81	103.06
Spendable average weekly earnings:					
Worker with no dependents:					
Current dollars	97.77	94.53	90.67	87.58	84.53
1957-59 dollars	92.76	90.72	87.94	86.29	83.94
Worker with three dependents:					
Current dollars	106.78	103.29	99.15	95.82	92.51
1957-59 dollars	101.31	99.13	96.17	94.40	91.87
MANUFACTURING					
Gross average weekly earnings:					
Current dollars	\$96.56	\$92.34	\$89.72	\$88.26	\$82.71
1957-59 dollars	91.61	88.62	87.02	86.96	82.14
Spendable average weekly earnings:					
Worker with no dependents:					
Current dollars	77.86	74.60	72.57	71.89	67.82
1957-59 dollars	73.87	71.59	70.39	70.83	67.35
Worker with three dependents:					
Current dollars	85.53	82.18	80.11	79.40	75.23
1957-59 dollars	81.15	78.87	77.70	78.23	74.71
WHOLESALE AND RETAIL TRADE ²					
Gross average weekly earnings:					
Current dollars	\$75.08	\$72.56	\$70.77	\$69.17	\$66.47
1957-59 dollars	71.23	69.64	68.64	68.15	66.01
Spendable average weekly earnings:					
Worker with no dependents:					
Current dollars	61.18	59.33	57.94	57.06	\$5.12
1957-59 dollars	58.05	56.94	56.20	56.22	54.74
Worker with three dependents:					
Current dollars	68.45	66.55	65.14	64.22	62.24
1957-59 dollars	64.94	63.87	63.18	63.27	61.81

¹For mining and manufacturing, data refer to production and related workers; for contract construction, to construction workers; for wholesale and retail trade, to nonsupervisory workers.

²Data exclude eating and drinking places.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

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**Table SC-5: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1962	1961	1960	1962	1961	1960	1962	1961	1960
ALABAMA	\$82.61	\$79.20	\$75.65	40.1	39.6	39.4	\$2.06	\$2.00	\$1.92
Birmingham.....	104.13	101.65	100.84	39.9	39.4	39.7	2.66	2.58	2.54
Mobile.....	98.74	94.56	89.95	40.3	39.9	39.8	2.45	2.37	2.26
ARIZONA	102.80	101.81	99.14	40.0	40.4	40.3	2.57	2.52	2.46
Phoenix.....	104.00	102.51	99.88	40.0	40.2	40.6	2.60	2.55	2.46
Tucson.....	106.70	108.94	-	38.8	40.8	-	2.75	2.67	-
ARKANSAS	66.23	64.56	62.71	39.9	40.1	40.2	1.66	1.61	1.56
Fort Smith.....	67.49	67.20	65.40	39.7	40.0	39.4	1.70	1.68	1.66
Little Rock-North Little Rock.....	66.19	64.94	63.36	39.4	39.6	40.1	1.68	1.64	1.58
Pine Bluff.....	80.77	78.53	76.11	41.0	40.9	40.7	1.97	1.92	1.87
CALIFORNIA	112.44	108.53	104.28	40.3	39.9	39.8	2.79	2.72	2.62
Bakersfield.....	118.08	112.52	106.53	40.3	39.9	39.9	2.93	2.82	2.67
Fresno.....	92.23	91.99	86.68	37.8	37.7	37.2	2.44	2.44	2.33
Los Angeles-Long Beach.....	111.93	107.74	103.34	40.7	40.2	39.9	2.75	2.68	2.59
Sacramento.....	127.51	120.77	116.85	41.4	40.8	41.0	3.08	2.96	2.85
San Bernardino-Riverside-Ontario.....	114.21	110.95	106.80	40.5	40.2	40.0	2.82	2.76	2.67
San Diego.....	118.48	114.33	110.57	40.0	40.4	40.5	2.96	2.83	2.73
San Francisco-Oakland.....	117.90	113.78	109.37	39.3	39.1	39.2	3.00	2.91	2.79
San Jose.....	116.57	112.33	109.45	40.9	40.7	41.3	2.85	2.76	2.65
Stockton.....	108.81	101.00	98.98	40.6	39.3	40.4	2.68	2.57	2.45
COLORADO	106.75	103.48	98.25	40.9	40.9	40.6	2.61	2.53	2.42
Denver.....	107.30	104.30	98.25	40.8	40.9	40.6	2.63	2.55	2.42
CONNECTICUT	101.35	97.27	93.26	41.2	40.7	40.2	2.46	2.39	2.32
Bridgewater.....	105.25	100.86	96.72	41.6	41.0	40.3	2.53	2.46	2.40
Hartford.....	106.50	101.93	98.40	41.6	41.1	41.0	2.56	2.48	2.40
New Britain.....	99.63	94.49	89.77	40.5	39.7	39.2	2.46	2.38	2.29
New Haven.....	98.49	94.70	90.52	40.7	40.3	39.7	2.42	2.35	2.28
Stamford.....	106.81	100.50	99.47	41.4	40.2	40.6	2.58	2.50	2.45
Waterbury.....	103.42	98.16	92.57	41.7	40.9	39.9	2.48	2.40	2.32
DELAWARE	98.33	93.03	91.61	40.8	40.1	39.4	2.41	2.32	2.31
Wilmington.....	113.16	107.74	104.78	41.0	40.2	40.3	2.76	2.68	2.60
DISTRICT OF COLUMBIA:									
Washington.....	104.94	102.25	97.61	39.9	40.1	39.2	2.63	2.55	2.49
FLORIDA	82.19	79.71	76.07	41.3	41.3	40.9	1.99	1.93	1.86
Jacksonville.....	83.58	82.82	80.60	39.8	40.4	40.3	2.10	2.05	2.00
Miami.....	79.00	77.38	74.77	39.5	40.3	40.2	2.00	1.92	1.86
Tampa-St. Petersburg.....	84.02	78.31	75.76	41.8	41.0	41.4	2.01	1.91	1.83
GEORGIA	70.98	67.09	65.40	40.1	39.7	39.4	1.77	1.69	1.66
Atlanta.....	88.80	83.37	81.35	40.0	39.7	39.3	2.22	2.10	2.07
Savannah.....	94.62	91.46	88.32	41.5	41.2	40.7	2.28	2.22	2.17
IDaho	92.66	90.52	90.00	39.6	39.7	40.0	2.34	2.28	2.25
ILLINOIS	105.27	100.99	97.70	40.6	40.1	40.0	2.60	2.52	2.45
Chicago.....	107.21	102.53	99.59	40.7	40.2	40.1	2.63	2.55	2.49
INDIANA	108.29	102.78	100.49	40.9	40.1	40.0	2.65	2.56	2.51
Indianapolis.....	108.53	101.96	100.26	41.2	40.3	40.4	2.63	2.53	2.48
IOWA	100.83	97.68	93.68	39.9	40.0	39.8	2.53	2.45	2.35
Des Moines.....	108.11	102.22	97.80	39.0	38.9	38.5	2.77	2.63	2.54
KANSAS	105.54	99.73	95.82	41.8	41.0	40.6	2.52	2.43	2.36
Topeka.....	111.68	101.65	98.44	42.6	41.1	40.7	2.62	2.48	2.42
Wichita.....	110.54	104.74	99.89	41.6	40.8	40.0	2.66	2.57	2.50

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

Table SC-5: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1962	1961	1960	1962	1961	1960	1962	1961	1960
KENTUCKY	\$91.03	\$88.18	\$83.92	40.1	39.9	39.4	\$2.27	\$2.21	\$2.13
Louisville.....	106.00	101.95	97.23	40.8	40.5	40.0	2.60	2.52	2.43
LOUISIANA	96.14	90.58	86.71	41.8	40.8	40.9	2.30	2.22	2.12
Baton Rouge.....	123.90	121.06	116.97	41.3	40.9	40.9	3.00	2.96	2.86
New Orleans.....	97.84	92.50	87.86	40.1	39.7	39.4	2.44	2.33	2.23
Shreveport.....	90.83	87.35	83.02	41.1	41.4	41.1	2.21	2.11	2.02
MAINE	76.73	73.38	71.15	40.6	40.1	40.2	1.89	1.83	1.77
Lewiston-Auburn.....	64.39	59.98	58.04	38.1	36.8	36.5	1.69	1.63	1.59
Portland.....	87.14	83.23	78.79	41.3	40.8	40.2	2.11	2.04	1.96
MARYLAND	96.48	93.37	90.63	40.2	39.9	40.1	2.40	2.34	2.26
Baltimore.....	102.62	99.05	95.91	40.4	40.1	40.3	2.54	2.47	2.38
MASSACHUSETTS	89.16	85.55	81.96	39.8	39.5	39.2	2.24	2.17	2.09
Boston.....	95.55	92.51	87.62	39.6	39.5	39.0	2.42	2.34	2.25
Fall River.....	64.33	61.48	59.11	35.6	35.8	35.6	1.81	1.72	1.66
New Bedford.....	70.14	67.30	64.37	38.3	37.8	37.2	1.83	1.78	1.73
Springfield-Chicopee-Holyoke.....	93.15	90.60	88.17	40.3	40.3	40.1	2.31	2.25	2.20
Worcester.....	93.89	89.53	87.43	39.8	39.4	39.7	2.36	2.27	2.20
MICHIGAN	121.43	112.32	112.00	41.8	40.1	40.8	2.91	2.80	2.75
Detroit.....	130.24	120.51	118.88	42.3	40.4	40.7	3.08	2.98	2.92
Flint.....	135.38	115.44	125.72	42.6	38.0	42.4	3.18	3.04	2.97
Grand Rapids.....	105.77	103.10	102.19	40.2	40.1	40.6	2.63	2.57	2.52
Lansing.....	122.20	110.97	116.20	40.8	38.8	40.7	3.00	2.86	2.86
Muskegon-Muskegon Heights.....	109.06	101.73	101.55	39.4	38.8	39.3	2.77	2.62	2.58
Saginaw.....	125.92	109.26	111.53	43.3	39.6	41.2	2.91	2.76	2.71
MINNESOTA	102.35	99.46	95.07	40.5	40.5	40.4	2.52	2.45	2.36
Duluth-Superior.....	101.93	94.48	99.75	38.5	36.9	39.2	2.65	2.56	2.55
Minneapolis-St. Paul.....	106.92	103.36	98.32	40.5	40.3	40.1	2.64	2.56	2.45
MISSISSIPPI	65.27	61.93	60.50	39.8	39.7	39.8	1.64	1.56	1.52
Jackson.....	74.23	73.43	70.55	41.7	42.2	41.5	1.78	1.74	1.70
MISSOURI	94.52	90.04	87.57	39.7	39.1	39.1	2.38	2.30	2.24
Kansas City.....	103.80	98.16	96.87	40.3	39.5	39.8	2.57	2.48	2.44
St. Louis.....	107.42	102.23	98.97	40.2	39.6	39.7	2.67	2.58	2.49
MONTANA	103.20	102.77	96.04	40.0	40.3	39.2	2.58	2.55	2.45
NEBRASKA	94.20	91.15	87.41	42.8	42.3	42.0	2.20	2.15	2.08
Omaha.....	102.66	99.13	93.97	42.5	42.2	41.9	2.41	2.35	2.24
NEVADA	121.10	115.60	113.30	40.1	40.0	41.2	3.02	2.89	2.75
NEW HAMPSHIRE	76.33	73.35	70.45	40.6	40.3	39.8	1.88	1.82	1.77
Manchester.....	70.56	67.69	64.56	39.2	38.9	38.2	1.80	1.74	1.69
NEW JERSEY	101.66	97.60	93.93	40.5	40.0	39.6	2.51	2.44	2.37
Jersey City ¹	101.00	97.84	94.13	40.4	40.1	39.5	2.50	2.44	2.38
Newark ¹	101.18	97.44	95.52	40.8	40.1	40.0	2.48	2.43	2.39
Paterson-Clifton-Passaic ¹	103.38	98.40	93.89	40.7	40.0	39.4	2.54	2.46	2.38
Perth Amboy ¹	104.75	102.06	97.84	40.6	40.5	40.1	2.58	2.52	2.44
Trenton.....	101.50	95.99	92.94	40.6	39.5	39.6	2.50	2.43	2.35
NEW MEXICO	88.88	84.99	82.58	40.4	39.9	39.7	2.20	2.13	2.08
Albuquerque.....	92.38	90.58	88.70	41.8	40.8	40.5	2.21	2.22	2.19

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

Table SC-5: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1962	1961	1960	1962	1961	1960	1962	1961	1960
NEW YORK	\$96.02	\$92.21	\$89.61	39.3	38.8	38.8	\$2.44	\$2.38	\$2.31
Albany-Schenectady-Troy.....	106.40	101.77	95.96	40.6	40.5	40.0	2.62	2.51	2.40
Binghamton.....	89.30	86.13	83.43	39.6	39.6	39.0	2.25	2.17	2.14
Buffalo.....	116.11	110.70	108.31	40.8	40.2	40.3	2.84	2.76	2.69
Elmira.....	96.24	92.11	88.81	40.2	40.2	39.9	2.40	2.29	2.22
Nassau and Suffolk Counties ¹	105.95	102.60	98.97	40.7	40.0	40.1	2.60	2.56	2.47
New York City ¹	89.86	87.10	84.36	37.8	37.3	37.3	2.38	2.34	2.26
New York-Northeastern New Jersey.....	95.80	92.40	89.09	39.1	38.5	38.4	2.45	2.40	2.32
Rochester.....	109.31	103.37	100.88	41.2	40.3	40.6	2.66	2.56	2.48
Syracuse.....	104.09	99.73	96.15	40.8	40.6	40.5	2.55	2.45	2.38
Utica-Rome.....	92.74	89.52	86.84	40.0	39.5	39.6	2.32	2.27	2.20
Westchester County ¹	98.20	92.89	92.34	40.0	39.1	39.4	2.46	2.38	2.34
NORTH CAROLINA	66.91	63.36	61.14	40.8	40.1	39.7	1.64	1.58	1.54
Charlotte.....	73.46	70.45	68.47	41.5	41.2	41.0	1.77	1.71	1.67
Greensboro-High Point.....	65.35	61.56	59.57	38.9	38.0	37.7	1.68	1.62	1.58
NORTH DAKOTA	88.18	87.48	81.85	41.3	42.1	41.4	2.14	2.09	1.97
Fargo-Moorhead ²	99.30	99.26	88.08	39.5	41.1	39.4	2.51	2.41	2.23
OHIO	112.59	107.15	104.13	40.8	40.0	40.0	2.76	2.68	2.60
Akron.....	122.00	114.71	111.61	40.0	38.9	39.1	3.05	2.95	2.85
Canton.....	112.83	106.40	101.96	39.9	39.0	38.2	2.83	2.73	2.67
Cincinnati.....	107.35	102.74	99.05	41.5	40.8	40.8	2.59	2.52	2.43
Cleveland.....	115.73	108.57	107.66	41.0	39.7	40.3	2.82	2.73	2.67
Columbus.....	106.07	102.23	99.40	40.6	40.2	40.3	2.61	2.54	2.47
Dayton.....	121.08	115.47	111.76	41.5	40.8	40.9	2.92	2.83	2.73
Toledo.....	115.33	109.81	108.36	40.5	39.7	40.0	2.85	2.77	2.71
Youngstown-Warren.....	121.80	115.08	111.47	39.3	38.2	38.1	3.10	3.01	2.93
OKLAHOMA	90.23	87.53	85.47	41.2	40.9	40.7	2.19	2.14	2.10
Oklahoma City.....	86.94	83.83	81.36	41.8	41.5	41.3	2.08	2.02	1.97
Tulsa.....	94.83	91.76	92.52	40.7	40.6	40.4	2.33	2.26	2.29
OREGON	103.22	100.36	97.04	39.1	38.6	38.1	2.64	2.60	2.55
Portland.....	104.52	100.75	97.37	39.0	38.6	38.5	2.68	2.61	2.53
PENNSYLVANIA	94.95	91.65	89.86	39.4	39.0	38.9	2.41	2.35	2.31
Allentown-Bethlehem-Easton.....	91.87	86.94	86.41	38.6	37.8	37.9	2.38	2.30	2.28
Altoona.....	78.74	78.21	74.69	38.6	39.3	38.7	2.04	1.99	1.93
Erie.....	105.57	100.45	97.51	41.4	41.0	40.8	2.55	2.45	2.39
Harrisburg.....	82.95	79.97	79.17	39.5	39.2	39.0	2.10	2.04	2.03
Johnstown.....	96.98	91.59	93.98	37.3	36.2	37.0	2.60	2.53	2.54
Lancaster.....	88.34	83.03	79.00	40.9	40.5	39.9	2.16	2.05	1.98
Philadelphia.....	100.65	97.02	93.53	40.1	39.6	39.3	2.51	2.45	2.38
Pittsburgh.....	115.64	111.25	109.48	39.2	38.9	39.1	2.95	2.86	2.80
Reading.....	83.95	80.96	78.38	39.6	39.3	38.8	2.12	2.06	2.02
Scranton.....	70.87	67.69	66.55	37.9	37.4	37.6	1.87	1.81	1.77
Wilkes-Barre-Hazleton.....	67.53	62.66	61.71	36.5	35.6	36.3	1.85	1.76	1.70
York.....	82.41	79.97	75.81	41.0	40.8	39.9	2.01	1.96	1.90
RHODE ISLAND	81.20	77.60	73.70	40.2	40.0	39.2	2.02	1.94	1.88
Providence-Pawtucket.....	80.60	76.59	73.68	40.5	40.1	39.4	1.99	1.91	1.87
SOUTH CAROLINA	69.22	65.20	63.27	41.2	40.5	40.3	1.68	1.61	1.57
Charleston.....	78.79	72.25	72.00	40.2	39.7	40.0	1.96	1.82	1.80
Greenville.....	65.60	62.06	-	41.0	40.3	-	1.60	1.54	-
SOUTH DAKOTA	97.87	95.19	90.90	45.1	45.6	45.0	2.17	2.09	2.02
Sioux Falls.....	109.51	105.66	101.68	46.6	46.5	45.8	2.35	2.27	2.22
TENNESSEE	78.16	75.20	73.23	40.5	40.0	39.8	1.93	1.88	1.84
Chattanooga.....	81.99	78.41	74.48	39.8	39.8	39.2	2.06	1.97	1.90
Knoxville.....	89.47	87.16	84.38	40.3	39.8	39.8	2.22	2.19	2.12
Memphis.....	87.70	85.07	81.81	40.6	40.9	40.7	2.16	2.08	2.01
Nashville.....	85.68	80.99	78.58	40.8	39.7	40.3	2.10	2.04	1.95

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**Table SC-5: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	1962	1961	1960	1962	1961	1960	1962	1961	1960
TEXAS	\$96.05	\$92.48	\$89.19	41.4	41.1	41.1	\$2.32	\$2.25	\$2.17
Dallas.....	86.32	84.85	81.36	41.3	41.8	41.3	2.09	2.03	1.97
Fort Worth.....	99.48	96.70	94.71	41.8	41.5	41.0	2.38	2.33	2.31
Houston.....	113.10	109.15	104.39	42.2	41.5	41.1	2.68	2.63	2.54
San Antonio.....	71.86	68.28	69.08	40.6	39.7	40.4	1.77	1.72	1.71
UTAH	106.67	104.12	98.89	40.1	40.2	40.2	2.66	2.59	2.46
Salt Lake City.....	104.45	100.28	94.70	40.8	40.6	40.3	2.56	2.47	2.35
VERMONT	82.12	78.06	76.59	41.9	41.3	41.4	1.96	1.89	1.85
Burlington.....	86.73	82.40	78.74	42.1	41.2	40.8	2.06	2.00	1.93
Springfield.....	96.48	89.62	90.94	42.5	41.3	42.1	2.27	2.17	2.16
VIRGINIA	78.31	74.56	70.62	41.0	40.3	39.9	1.91	1.85	1.77
Norfolk-Portsmouth.....	83.23	79.30	76.57	41.0	41.3	40.3	2.03	1.92	1.90
Richmond.....	86.26	83.23	79.60	40.5	40.6	40.0	2.13	2.05	1.99
Roanoke.....	75.71	73.21	71.34	41.6	40.9	41.0	1.82	1.79	1.74
WASHINGTON	110.71	106.08	101.78	39.4	39.0	38.7	2.81	2.72	2.63
Seattle.....	111.84	107.56	101.53	39.8	39.4	38.9	2.81	2.73	2.61
Spokane.....	115.92	114.91	107.29	39.7	39.9	39.3	2.92	2.88	2.73
Tacoma.....	106.54	102.26	98.68	38.6	38.3	38.1	2.76	2.67	2.59
WEST VIRGINIA	101.29	97.96	93.27	39.7	39.5	38.7	2.55	2.48	2.41
Charleston.....	125.12	121.18	118.03	41.3	40.8	40.7	3.03	2.97	2.90
Huntington-Ashland.....	104.23	-	-	38.7	-	-	2.69	-	-
Wheeling.....	101.20	96.38	93.94	38.9	38.4	38.5	2.60	2.51	2.44
WISCONSIN	103.86	97.66	96.32	41.4	40.6	40.6	2.51	2.41	2.37
Green Bay.....	102.44	95.43	-	43.3	42.2	-	2.37	2.26	-
Kenosha.....	132.02	114.57	-	44.3	41.1	-	2.98	2.79	-
La Crosse.....	97.05	94.35	94.86	39.4	39.5	39.9	2.46	2.39	2.38
Madison.....	108.22	105.20	-	40.8	40.8	-	2.65	2.58	-
Milwaukee.....	114.00	107.12	105.09	41.0	39.9	40.0	2.78	2.68	2.63
Racine.....	107.29	101.73	96.10	40.6	40.0	39.2	2.64	2.55	2.45
WYOMING	96.83	96.00	95.25	37.1	37.5	37.5	2.61	2.56	2.54
Casper.....	116.22	115.71	114.73	39.0	38.7	39.7	2.98	2.99	2.89

¹Subarea of New York-Northeastern New Jersey.

*Data for 1960 not comparable with subsequent years due to change in area definition.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
LABOR TURNOVER**

Table SD-1: Labor turnover rates, by industry.

(Per 100 employees)

Industry	Accession rates									
	Total					New hires				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
MANUFACTURING	4.1	4.1	3.8	4.2	3.6	2.5	2.2	2.2	2.6	1.7
DURABLE GOODS	3.8	3.9	3.5	4.2	3.5	2.3	1.9	1.9	2.5	1.5
NONDURABLE GOODS	4.3	4.2	4.1	4.3	3.8	2.8	2.5	2.6	2.8	2.0
<i>Durable Goods</i>										
ORDNANCE AND ACCESSORIES	2.9	2.9	2.6	3.2	3.7	2.0	2.1	1.9	2.5	2.9
Ammunition, except for small arms	3.1	3.1	2.7	4.1	4.8	2.2	2.4	2.1	3.5	4.2
Sighting and fire control equipment	2.1	2.0	2.4	2.6	2.1	1.3	1.1	1.6	1.6	1.3
Other ordnance and accessories	2.6	2.8	2.4	1.8	3.4	1.7	2.0	1.4	1.1	2.5
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE	5.5	5.3	4.8	5.5	4.8	3.9	3.3	3.4	4.2	2.9
Sawmills and planing mills	4.4	4.2	3.9	4.5	3.9	3.4	2.8	2.9	3.6	2.5
Sawmills and planing mills, general	4.4	4.2	3.9	4.5	3.9	3.4	2.8	3.0	3.6	2.6
Millwork, plywood, and related products	4.6	4.3	3.8	4.6	3.9	3.6	3.1	2.7	3.9	2.6
Millwork	4.6	4.2	3.4	4.6	3.6	3.8	3.0	2.6	4.0	2.6
Veneer and plywood	4.0	3.9	3.6	4.1	3.6	3.3	2.9	2.8	3.6	2.3
Wooden containers	5.5	5.1	4.9	5.0	4.8	3.4	2.9	3.3	3.2	2.4
Wooden boxes, shooks, and crates	5.7	5.2	5.0	5.0	4.9	3.7	3.1	3.5	3.4	2.5
Miscellaneous wood products	4.9	4.4	4.3	4.7	3.8	3.7	3.1	3.2	3.6	2.1
FURNITURE AND FIXTURES	4.5	4.1	3.9	4.5	3.8	3.5	2.8	2.8	3.4	2.2
Household furniture	4.4	3.9	3.6	4.4	3.7	3.5	2.7	2.7	3.3	2.1
Wood house furniture, upholstered	4.4	3.7	3.8	4.5	4.0	3.6	2.7	2.9	3.4	2.2
Wood house furniture, upholstered	3.4	3.6	3.1	3.9	3.1	3.0	2.7	2.5	3.2	2.2
Mattresses and bedsprings	4.0	3.9	3.4	3.6	3.2	3.0	2.5	2.0	2.7	1.6
Office furniture	3.0	2.7	2.9	3.6	2.4	2.3	1.6	1.8	2.2	1.1
STONE, CLAY, AND GLASS PRODUCTS	3.8	3.7	3.4	4.0	3.6	2.2	1.8	2.0	2.6	1.7
Flat glass	2.6	3.2	2.5	2.6	4.6	.6	.5	.6	.9	.7
Glass and glassware, pressed or blown	3.7	3.6	3.5	3.8	3.2	1.5	1.3	1.7	2.0	1.3
Glass containers	4.0	3.8	3.8	4.1	3.5	1.8	1.7	2.0	2.2	1.5
Pressed and blown glassware, n.e.c.	3.2	3.3	3.0	3.4	2.8	1.0	.6	1.2	1.7	.9
Cement, hydraulic	3.1	2.9	2.4	2.2	2.3	1.0	.7	.9	1.1	.9
Structural clay products	4.0	3.6	3.1	4.1	3.4	2.2	1.6	1.7	2.6	1.4
Brick and structural clay tile	4.7	4.1	3.9	4.5	3.9	2.5	1.8	2.2	2.9	1.8
Pottery and related products	3.1	3.3	2.6	3.4	2.6	1.9	1.4	1.6	2.3	1.2
Abrasive products	1.4	1.7	1.7	2.3	1.7	1.1	.9	1.2	1.6	.5
PRIMARY METAL INDUSTRIES	2.8	3.4	2.4	3.1	2.8	1.1	.9	.8	1.7	.6
Blast furnace and basic steel products	2.6	3.5	2.0	3.3	2.8	.5	.5	.4	1.6	.3
Blast furnaces, steel and rolling mills	2.6	3.5	2.0	3.3	2.8	.4	.4	.3	1.6	.3
Iron and steel foundries	3.5	3.5	2.9	4.2	2.8	2.0	1.4	1.2	2.4	1.0
Gray iron foundries	3.7	3.5	2.8	4.2	3.0	2.0	1.4	1.2	2.4	1.2
Malleable iron foundries	3.3	3.9	2.6	4.3	2.9	2.0	1.2	1.0	2.7	.9
Steel foundries	3.3	3.6	3.1	4.1	2.6	1.9	1.3	1.2	2.2	.7
Nonferrous smelting and refining	2.2	2.6	2.4	2.4	2.0	1.2	1.0	1.3	1.3	.7
Nonferrous rolling, drawing, and extruding	2.4	2.7	2.6	2.8	2.5	1.3	1.3	1.0	1.6	.9
Copper rolling, drawing, and extruding	1.6	1.9	1.2	1.5	1.5	1.1	.9	.4	1.1	.4
Aluminum rolling, drawing, and extruding	2.1	2.9	2.6	2.8	2.4	1.1	1.3	1.2	1.5	.7
Nonferrous wire drawing, and insulating	3.4	3.4	4.0	4.0	3.8	1.7	1.5	1.3	2.2	1.4
Nonferrous foundries	3.9	4.5	3.6	4.5	4.6	2.7	2.2	1.8	3.0	1.7
Aluminum castings	4.6	5.0	4.3	5.2	5.3	2.9	2.5	2.0	3.1	1.7
Other nonferrous castings	3.3	4.0	3.0	3.9	4.0	2.4	1.9	1.5	3.0	1.6
Miscellaneous primary metal industries	2.5	2.9	2.7	3.2	2.9	1.4	1.5	1.3	1.7	.7
Iron and steel forgings	2.5	2.8	2.8	3.2	2.9	1.2	1.2	1.1	1.3	.6

See footnotes at end of table.

ESTABLISHMENT DATA
LABOR TURNOVER

Table SD-1: Labor turnover rates, by industry--Continued

Industry	Separation rates														
	Total					Quits					Layoffs				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
MANUFACTURING	4.1	4.0	4.3	4.1	4.1	1.4	1.2	1.3	1.5	1.1	2.0	2.2	2.4	2.0	2.6
DURABLE GOODS	3.8	3.9	4.3	4.0	4.1	1.2	1.0	1.1	1.3	.9	1.9	2.2	2.5	2.0	2.7
NONDURABLE GOODS	4.4	4.2	4.4	4.2	4.1	1.7	1.5	1.6	1.7	1.2	2.1	2.2	2.2	2.0	2.5
<i>Durable Goods</i>															
ORDNANCE AND ACCESSORIES	2.7	2.3	2.4	2.4	2.2	1.2	1.1	1.1	1.2	1.0	0.9	0.7	0.9	0.7	1.0
Ammunition, except for small arms	2.6	2.3	2.6	2.4	2.2	1.4	1.2	1.3	1.5	1.2	.7	.5	.9	.5	.7
Sighting and fire control equipment	2.4	2.4	2.1	2.1	2.1	.9	.8	.9	.9	.8	1.0	1.0	.8	.7	1.1
Other ordnance and accessories	2.9	2.2	2.2	2.4	2.4	.8	.7	.7	.9	.7	1.5	.9	1.1	1.0	1.3
LUMBER AND WOOD PRODUCTS, EXCEPT FURNITURE ..	5.6	5.4	6.1	5.4	4.9	2.4	1.9	2.3	2.6	1.7	2.4	2.8	3.1	2.1	2.6
Sawmills and planing mills	4.7	4.5	5.2	4.6	4.1	2.2	1.7	2.0	2.3	1.7	1.8	2.2	2.5	1.6	1.9
Sawmills and planing mills, general	4.7	4.4	5.2	4.6	4.1	2.2	1.7	2.1	2.3	1.7	1.8	2.2	2.5	1.6	1.9
Millwork, plywood, and related products	4.8	4.2	4.9	4.6	3.8	2.2	1.7	1.8	2.4	1.4	1.8	1.9	2.4	1.6	1.8
Millwork	4.9	4.1	4.7	4.7	3.6	2.1	1.5	1.7	2.4	1.4	2.0	1.9	2.5	1.6	1.6
Veneer and plywood	3.8	3.7	4.6	3.9	3.5	2.3	1.8	2.1	2.4	1.5	.8	1.3	1.7	.9	1.5
Wooden containers	5.8	5.3	5.5	5.5	5.1	1.9	1.6	2.0	2.1	1.5	3.0	3.0	2.9	2.8	3.1
Wooden boxes, shooks, and crates	5.9	5.5	5.9	5.4	5.1	2.0	1.7	2.2	2.1	1.4	2.9	3.1	3.0	2.7	3.1
Miscellaneous wood products	5.0	4.6	4.8	4.6	4.3	2.1	1.6	1.9	2.0	1.3	2.0	2.1	2.1	1.8	2.3
FURNITURE AND FIXTURES	4.6	4.3	4.6	4.4	4.2	2.1	1.5	1.7	1.9	1.3	1.8	2.1	2.1	1.8	2.4
Household furniture	4.4	4.0	4.4	4.2	4.1	2.2	1.6	1.9	2.0	1.4	1.5	1.8	1.9	1.5	2.2
Wood house furniture, unupholstered	4.2	3.7	4.4	4.3	4.2	2.4	1.7	2.0	2.1	1.5	1.0	1.5	1.7	1.4	2.2
Wood house furniture, upholstered	3.6	3.5	3.7	3.9	3.4	2.0	1.5	1.8	2.0	1.4	.9	1.4	1.3	1.2	1.5
Mattresses and bedsprings	4.2	4.1	4.8	3.5	3.6	1.6	1.4	1.5	1.6	.9	1.8	2.1	2.7	1.3	2.3
Office furniture	2.8	2.7	3.1	3.1	2.5	1.3	1.0	1.2	1.2	.7	1.1	1.2	1.4	1.4	1.5
STONE, CLAY, AND GLASS PRODUCTS	4.1	3.8	4.1	3.8	3.9	1.2	1.0	1.1	1.4	1.0	2.2	2.2	2.4	1.8	2.4
Flat glass	2.8	3.9	3.7	2.4	5.1	.3	.2	.3	.3	.2	2.2	3.1	3.2	1.8	4.6
Glass and glassware, pressed or blown	4.1	3.8	3.9	3.6	3.8	1.0	.9	1.0	1.2	.8	2.2	2.1	2.1	1.7	2.5
Glass containers	4.6	3.9	4.2	4.1	3.6	1.3	1.2	1.3	1.4	1.0	2.5	1.9	2.1	1.8	2.2
Pressed and blown glassware, n.e.c.	3.4	3.7	3.5	2.9	3.9	.6	.5	.6	.8	.6	1.8	2.2	2.0	1.6	3.0
Cement, hydraulic	3.6	3.0	3.3	2.3	2.8	.5	.4	.5	.7	.5	2.7	2.2	2.3	1.2	1.9
Structural clay products	4.2	3.9	4.5	3.9	4.0	1.3	1.0	1.2	1.4	.9	2.4	2.4	2.7	1.9	2.7
Brick and structural clay tile	4.7	4.6	4.9	4.5	4.0	1.6	1.1	1.4	1.7	1.1	2.5	2.9	2.8	2.2	2.4
Pottery and related products	3.4	3.3	3.7	3.0	3.1	1.1	.9	1.1	1.3	.8	1.8	1.9	2.1	1.2	2.0
Abrasive products	1.3	1.5	2.0	1.6	2.3	.6	.6	.7	.8	.6	.3	.5	.8	.3	1.3
PRIMARY METAL INDUSTRIES	3.3	2.8	4.0	2.5	3.4	.6	.5	.6	.8	.4	2.1	1.7	2.9	1.1	2.6
Blast furnace and basic steel products	3.7	2.5	4.3	1.4	3.3	.3	.3	.3	.5	.3	2.8	1.6	3.4	1.4	2.6
Blast furnaces, steel and rolling mills	3.7	2.4	4.3	1.4	3.2	.3	.3	.3	.5	.2	2.8	1.5	3.5	1.4	2.6
Iron and steel foundries	3.2	3.4	4.0	3.5	3.8	1.0	.7	.8	1.2	.6	1.4	2.0	2.7	1.7	2.8
Gray iron foundries	3.3	3.4	3.9	3.5	3.6	1.1	.8	.9	1.3	.7	1.2	1.9	2.5	1.6	2.5
Malleable iron foundries	3.3	3.9	4.6	3.7	3.6	1.0	.7	.9	1.2	.7	1.5	2.5	3.2	1.9	2.6
Steel foundries	3.2	3.1	4.0	3.5	4.2	.9	.6	.7	1.1	.4	1.8	2.0	2.8	1.7	3.4
Nonferrous smelting and refining	2.3	2.7	2.8	2.5	3.3	.7	.6	.8	.8	.5	.9	1.4	1.5	1.3	2.4
Nonferrous rolling, drawing, and extruding	2.4	2.4	3.5	2.5	2.7	.7	.6	.6	.8	.5	1.2	1.3	2.4	1.3	1.9
Copper rolling, drawing, and extruding	1.5	1.7	2.1	1.4	1.9	.5	.4	.3	.5	.3	.5	.8	1.3	.5	1.3
Aluminum rolling, drawing, and extruding	2.3	2.2	3.4	2.5	2.6	.6	.5	.6	.7	.4	1.2	1.1	2.3	1.4	1.9
Nonferrous wire drawing, and insulating	3.5	3.6	5.1	3.8	3.6	1.0	.9	.9	1.2	.7	2.0	2.1	3.7	2.1	2.6
Nonferrous foundries	3.7	4.1	4.6	3.8	4.5	1.3	1.1	1.1	1.4	.7	1.7	2.3	2.9	1.7	3.2
Aluminum castings	4.4	5.0	5.2	4.3	5.3	1.4	1.2	1.2	1.5	.9	2.1	3.0	3.3	2.1	3.8
Other nonferrous castings	3.0	3.2	4.1	3.3	3.7	1.1	.9	.9	1.2	.6	1.3	1.7	2.6	1.4	2.7
Miscellaneous primary metal industries	2.6	3.9	3.6	3.2	4.0	.8	.8	.7	1.0	.5	1.3	2.6	2.4	1.7	3.0
Iron and steel forgings	2.5	4.4	3.7	3.2	4.1	.7	.6	.6	.8	.5	1.4	3.3	2.7	1.9	3.2

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

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Table SD-1: Labor turnover rates, by industry--Continued

(Per 100 employees)

Industry	Accession rates									
	Total					New hires				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>										
FABRICATED METAL PRODUCTS	4.1	4.4	3.9	4.7	3.8	2.4	2.1	2.1	2.7	1.7
Metal cans	6.2	5.8	6.0	6.7	6.0	2.2	1.7	2.1	2.7	2.2
Cutlery, hand tools, and general hardware	3.2	3.5	3.1	4.4	3.5	1.9	1.7	1.4	2.0	1.3
Cutlery and hand tools, including saws	2.6	2.2	2.2	2.8	2.6	2.0	1.5	1.6	2.1	1.5
Hardware, n.e.c.	3.5	4.3	3.6	5.4	4.2	1.8	1.9	1.2	1.9	1.3
Heating equipment and plumbing fixtures	3.1	3.4	2.7	3.7	3.1	2.1	1.6	1.6	2.6	1.8
Sanitary ware and plumbers' brass goods	2.7	3.7	2.3	3.4	2.9	1.7	1.5	1.0	2.3	1.5
Heating equipment, except electric	3.4	3.2	3.1	4.0	3.2	2.3	1.7	2.1	2.9	2.0
Fabricated structural metal products	4.3	4.2	4.3	4.2	3.3	3.0	2.7	2.8	2.9	2.1
Fabricated structural steel	4.9	4.8	4.8	4.3	3.2	3.3	2.9	3.1	2.7	1.8
Fabricated plate work (boiler shops)	3.3	3.2	3.7	3.1	2.4	2.1	1.8	2.3	2.0	1.4
Architectural and miscellaneous metal work	4.4	4.5	4.3	4.0	3.9	3.1	3.0	3.0	2.8	2.4
Screw machine products, bolts, etc.	3.3	3.5	2.4	3.5	3.2	2.6	2.2	1.6	2.8	1.4
Bolts, nuts, screws, rivets, and washers	2.6	2.7	1.9	2.7	2.5	2.1	1.5	1.2	2.2	1.1
Metal stampings	4.5	6.1	4.6	6.1	5.2	1.8	1.6	1.7	2.2	1.3
Miscellaneous fabricated wire products	4.6	5.0	4.3	5.2	4.4	2.7	2.3	2.3	3.5	2.2
Miscellaneous fabricated metal products	2.9	2.9	2.4	3.2	2.4	1.8	1.6	1.4	2.2	1.2
Valves, pipe, and pipe fittings	2.6	2.6	2.1	2.7	1.9	1.8	1.5	1.2	1.9	1.0
MACHINERY	3.0	3.1	2.9	3.6	2.8	2.0	1.6	1.7	2.3	1.1
Engines and turbines	3.2	2.9	2.2	3.6	2.0	1.4	.6	.8	1.6	.7
Steam engines and turbines	2.3	2.2	1.9	2.1	.8	.6	.4	.5	.6	.2
Internal combustion engines, n.e.c.	3.9	3.5	2.4	4.5	3.1	2.0	.7	1.0	2.4	1.2
Farm machinery and equipment	4.4	4.5	4.6	4.8	4.1	2.1	1.4	2.0	2.8	1.7
Construction and related machinery	2.7	2.6	2.1	3.3	2.6	1.8	1.3	1.3	2.2	1.0
Construction and mining machinery	2.7	2.5	2.0	3.2	2.8	1.6	.9	.9	1.9	.9
Oil field machinery, and equipment	2.3	2.3	1.4	2.5	1.5	2.0	1.8	1.1	1.9	.7
Conveyors, hoists, and industrial cranes	3.2	3.2	3.0	4.4	3.0	2.3	2.0	2.2	3.1	1.6
Metalworking machinery and equipment	3.2	3.7	2.8	3.8	2.7	2.1	1.8	1.8	2.1	.9
Machine tools, metal cutting types	2.0	2.0	1.9	3.4	1.7	1.5	1.1	1.3	1.5	.5
Machine tool accessories	2.3	2.1	1.5	2.4	1.8	1.7	1.1	1.1	1.7	.6
Miscellaneous metalworking machinery	2.5	1.9	2.0	3.0	1.8	1.7	1.0	1.3	1.9	.6
Special industry machinery	2.5	2.3	2.4	2.9	2.0	1.9	1.5	1.9	2.2	1.0
Food products machinery	3.1	2.8	2.8	3.0	2.4	2.5	2.0	2.2	2.3	1.6
Textile machinery	2.3	2.1	2.1	3.4	2.1	1.7	1.4	1.7	2.6	.8
General industrial machinery	2.4	2.4	2.4	3.3	2.2	1.6	1.2	1.4	2.1	.9
Pumps, air and gas compressors	2.3	2.2	2.1	2.9	1.9	1.7	1.3	1.5	2.2	1.0
Ball and roller bearings	1.9	2.2	2.2	3.7	2.4	1.0	.6	.6	1.7	.5
Mechanical power transmission goods	2.3	2.2	2.1	3.3	2.1	1.5	1.0	1.0	2.1	.7
Office, computing, and accounting machines	2.1	2.3	2.4	2.6	2.6	1.3	1.4	1.6	1.7	1.0
Computing machines and cash registers	1.9	2.2	2.4	2.6	1.9	1.2	1.2	1.6	1.6	.9
Service industry machines	3.6	3.5	4.5	4.5	4.4	2.2	1.7	2.5	3.1	1.7
Refrigeration, except home refrigerators	4.1	3.9	5.1	5.1	5.6	2.4	1.6	2.4	3.3	1.9
ELECTRICAL EQUIPMENT AND SUPPLIES	3.6	3.6	3.2	4.0	3.3	2.3	2.1	2.0	2.6	1.5
Electric distribution equipment	2.3	2.3	2.1	3.0	2.0	1.6	1.4	1.4	2.0	1.0
Electric measuring instruments	3.0	3.1	3.2	3.7	3.0	2.3	2.2	2.3	2.7	1.6
Power and distribution transformers	2.0	2.1	1.9	3.1	2.1	1.0	.8	1.0	1.7	.8
Switchgear and switchboard apparatus	2.0	1.7	1.5	2.6	1.3	1.5	1.2	1.1	1.7	.8
Electrical industrial apparatus	2.9	3.0	2.8	3.9	2.7	1.7	1.5	1.5	2.3	1.1
Motors and generators	2.9	2.9	2.9	3.6	2.6	1.5	1.1	1.2	1.7	.9
Industrial controls	2.8	3.0	2.9	4.3	3.0	2.0	1.9	1.9	3.4	1.5
Household appliances	3.5	3.8	3.4	3.6	3.6	1.8	1.5	1.7	1.9	1.4
Household refrigerators and freezers	3.9	3.8	3.1	2.8	4.0	1.3	.8	1.1	1.0	1.1
Household laundry equipment	2.4	3.3	2.3	3.3	3.4	1.0	1.1	1.0	1.4	1.1
Electric housewares and fans	4.7	5.4	4.7	4.8	4.1	3.0	2.7	2.7	2.9	1.7
Electric lighting and wiring equipment	3.5	3.5	3.1	4.0	3.2	2.4	2.1	2.0	2.9	1.6
Electric lamps	2.2	2.1	1.6	3.2	1.7	1.7	1.1	1.0	2.5	.9
Lighting fixtures	4.2	4.4	4.1	4.8	4.3	2.6	2.5	2.6	3.2	1.9
Wiring devices	3.4	3.5	2.9	3.7	3.1	2.6	2.3	1.9	2.9	1.8
Radio and TV receiving sets	5.5	6.8	5.0	6.3	5.5	3.3	3.3	2.1	3.9	2.6
Communication equipment	3.3	2.8	3.1	3.5	2.6	2.4	2.0	2.3	2.5	1.7
Telephone and telegraph apparatus	2.2	1.6	2.0	2.2	1.3	1.7	1.2	1.6	1.4	.6
Radio and TV communication equipment	3.6	3.3	3.5	4.1	3.3	2.7	2.3	2.6	3.0	2.3
Electronic components and accessories	4.5	4.7	4.0	5.0	4.0	3.0	2.8	2.4	3.4	1.7
Electron tubes	2.6	2.8	2.2	3.1	2.3	1.6	1.6	1.3	2.1	1.2
Electronic components, n.e.c.	5.2	5.5	4.8	6.1	5.0	3.5	3.2	3.0	4.0	2.0
Miscellaneous electrical equipment and supplies	3.3	3.6	2.8	3.5	4.1	2.3	2.0	1.4	2.0	1.3
Electrical equipment for engines	3.1	3.4	2.3	3.2	4.1	2.1	1.6	.9	1.6	.6

See footnotes at end of table.

ESTABLISHMENT DATA
LABOR TURNOVER

Table SD-1: Labor turnover rates, by industry--Continued

Industry	Separation rates														
	Total					Quits					Layoffs				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>															
FABRICATED METAL PRODUCTS	4.2	4.6	4.8	4.7	4.4	1.3	1.0	1.1	1.4	0.9	2.2	2.9	3.0	2.6	3.0
Metal cans	6.6	6.3	6.4	6.7	6.6	1.3	.9	1.1	1.4	1.1	4.5	4.6	4.4	4.4	5.0
Cutlery, hand tools, and general hardware	3.3	3.6	4.1	4.6	3.6	1.1	.9	.9	1.1	.8	1.2	2.0	2.7	2.9	2.4
Cutlery and hand tools, including saws	2.4	2.1	2.8	2.9	2.6	1.0	.8	1.0	1.1	.7	.9	.9	1.3	1.2	1.5
Hardware, n.e.c.	3.8	4.6	5.0	5.7	4.4	1.1	1.0	.8	1.1	.8	1.5	2.7	3.6	4.0	3.0
Heating equipment and plumbing fixtures	3.3	3.4	3.6	3.7	3.2	1.1	.9	1.0	1.4	.9	1.6	2.0	2.1	1.6	1.8
Sanitary ware and plumbers' brass goods	2.7	3.6	3.1	3.4	3.3	.9	.7	.9	1.3	.7	1.3	2.3	1.7	1.3	2.1
Heating equipment, except electric	3.7	3.3	4.0	3.9	3.1	1.2	1.0	1.1	1.5	1.1	1.8	1.7	2.3	1.7	1.5
Fabricated structural metal products	4.5	4.6	4.6	4.6	4.2	1.4	1.2	1.2	1.4	1.0	2.4	2.7	2.7	2.5	2.7
Fabricated structural steel	5.1	5.1	4.5	4.8	4.0	1.4	1.2	1.2	1.3	.9	2.9	3.2	2.7	2.9	2.7
Fabricated plate work (boiler shops)	3.7	3.6	3.6	3.6	3.9	1.1	.9	1.1	1.0	.8	1.9	2.2	2.0	2.1	2.7
Architectural and miscellaneous metal work	4.1	4.6	4.4	4.3	4.6	1.4	1.1	1.2	1.3	.9	2.1	2.9	2.7	2.4	3.3
Screw machine products, bolts, etc.	3.3	2.9	3.8	3.1	3.4	1.5	1.2	1.2	1.5	.8	1.2	1.1	2.0	1.0	2.2
Bolts, nuts, screws, rivets, and washers	2.5	2.1	3.0	2.4	2.7	1.2	.8	1.0	1.2	.7	.8	.9	1.6	.7	1.7
Metal stampings	4.9	6.8	6.2	5.6	6.2	1.0	.8	.9	1.0	.7	3.2	5.3	4.7	3.9	4.9
Miscellaneous fabricated wire products	4.9	4.6	5.4	5.1	4.5	1.5	1.1	1.5	2.0	1.1	2.8	2.8	3.3	2.4	2.9
Miscellaneous fabricated metal products	2.9	2.7	3.6	3.4	3.1	1.0	.8	.9	1.1	.7	1.3	1.4	2.1	1.7	1.9
Valves, pipe, and pipe fittings	2.6	2.5	3.2	3.0	2.6	.9	.8	.9	.9	.5	1.1	1.2	1.8	1.5	1.6
MACHINERY	2.8	3.2	3.5	3.1	3.6	1.0	.8	.9	1.1	.7	1.2	1.7	1.9	1.4	2.5
Engines and turbines	2.9	2.9	3.5	3.4	2.7	.6	.4	.5	.9	.5	.9	1.5	2.0	1.6	1.9
Steam engines and turbines	2.2	2.2	2.5	2.8	2.1	.3	.3	.3	.6	.5	.5	.4	.6	.7	1.3
Internal combustion engines, n.e.c.	3.3	3.5	4.2	3.8	3.3	.9	.5	.7	1.1	.6	1.2	2.3	3.1	2.2	2.4
Farm machinery and equipment	3.5	5.2	5.1	4.6	4.1	1.0	.8	.9	1.5	.9	1.8	3.6	3.4	2.4	2.7
Construction and related machinery	2.4	2.4	3.4	3.6	3.3	.9	.7	.8	1.0	.6	.9	1.2	2.0	2.0	2.3
Construction and mining machinery	2.3	2.3	3.5	4.1	3.1	.8	.6	.7	1.0	.6	.9	1.1	2.2	2.4	2.2
Oil field machinery, and equipment	2.3	1.9	2.6	2.3	3.5	1.1	.9	.9	1.0	.7	.7	.6	1.2	.7	2.5
Conveyors, hoists, and industrial cranes	2.8	3.3	3.4	4.8	3.7	.8	.6	.9	1.1	.6	1.5	2.2	2.0	3.2	2.7
Metalworking machinery and equipment	3.0	3.7	3.5	2.8	4.2	1.0	.8	1.0	1.0	.5	1.3	2.3	2.0	1.3	3.3
Machine tools, metal cutting types	1.7	1.9	2.4	1.9	4.0	.8	.6	.7	.7	.4	.5	.9	1.2	.8	3.2
Machine tool accessories	1.8	1.9	2.4	1.6	2.9	.8	.6	.7	.7	.4	.5	.9	1.3	.5	2.1
Miscellaneous metalworking machinery	2.0	2.2	2.4	2.1	3.3	.8	.6	.7	.9	.5	.7	1.1	1.1	.8	2.5
Special industry machinery	2.5	2.5	2.4	2.3	3.1	1.0	.8	1.0	1.0	.6	.8	1.2	.9	.8	2.1
Food products machinery	3.0	2.8	2.8	2.8	2.7	1.1	.9	1.0	1.2	.8	1.2	1.4	1.2	1.0	1.4
Textile machinery	2.4	2.5	2.4	2.1	3.6	1.1	.8	1.1	1.2	.6	.8	1.2	.9	.4	2.7
General industrial machinery	2.2	2.3	3.1	2.5	2.9	.9	.7	.9	1.0	.6	.9	1.1	1.7	1.0	1.9
Pumps, air and gas compressors	2.1	2.3	2.8	2.3	2.7	1.0	.8	1.0	1.2	.7	.6	.9	1.3	.5	1.5
Ball and roller bearings	1.8	2.0	3.2	2.1	2.7	.6	.5	.6	.7	.5	.8	1.2	2.2	1.1	2.0
Mechanical power transmission goods	2.3	2.1	3.2	2.4	2.9	.8	.6	.8	1.0	.6	1.0	1.1	1.9	.9	2.0
Office, computing, and accounting machines	2.4	2.4	2.2	2.0	2.4	.9	.8	.8	.9	.7	.7	.7	.7	.7	1.4
Computing machines and cash registers	2.2	2.1	1.9	1.5	1.8	.8	.7	.7	.8	.6	.7	.4	.4	.2	.9
Service industry machines	3.6	3.9	4.9	3.9	4.9	1.1	.9	1.2	1.4	.9	1.8	2.4	2.9	1.8	3.5
Refrigeration, except home refrigerators	3.8	4.5	5.5	4.4	6.0	1.1	.9	1.2	1.5	1.0	2.0	2.9	3.6	2.2	4.5
ELECTRICAL EQUIPMENT AND SUPPLIES	3.3	3.3	3.5	3.2	3.5	1.4	1.2	1.2	1.4	1.0	1.1	1.4	1.6	1.2	2.1
Electric distribution equipment	2.4	2.4	2.4	2.2	2.9	1.0	.9	.9	1.1	.7	.8	.9	.8	.5	1.8
Electric measuring instruments	2.8	2.8	3.0	2.7	3.2	1.4	1.2	1.3	1.4	1.0	.8	1.0	1.0	.6	1.7
Power and distribution transformers	2.4	2.7	2.5	2.4	2.9	.7	.7	.8	1.1	.7	1.0	1.2	1.1	.6	1.9
Switchgear and switchboard apparatus	2.1	1.9	1.9	1.8	2.7	.9	.7	.8	.9	.6	.6	.7	.6	.4	1.8
Electrical industrial apparatus	2.8	2.9	3.2	3.2	3.1	1.1	.9	1.0	1.2	.7	1.0	1.2	1.6	1.3	2.1
Motors and generators	3.0	3.0	3.5	3.4	3.0	1.0	.8	.8	1.0	.6	1.3	1.5	2.0	1.8	2.0
Industrial controls	2.7	2.8	3.1	3.2	3.5	1.2	1.2	1.3	1.9	1.1	.7	.8	1.0	.5	2.0
Household appliances	3.7	3.6	4.3	3.9	3.8	1.1	.8	1.0	1.1	.8	1.8	2.1	2.8	2.2	2.5
Household refrigerators and freezers	4.3	3.9	3.9	4.0	3.1	.9	.4	.6	.7	.6	2.5	2.7	2.9	2.9	2.1
Household laundry equipment	2.5	2.3	4.1	3.6	3.6	.6	.5	.7	.9	.7	1.4	1.3	2.8	2.1	2.6
Electric housewares and fans	4.4	5.3	6.0	4.2	5.6	1.8	1.5	1.6	1.7	1.0	1.9	2.9	3.8	2.0	4.1
Electric lighting and wiring equipment	3.1	3.5	3.8	3.3	3.8	1.3	1.1	1.3	1.5	1.0	1.1	1.6	1.8	1.1	2.2
Electric lamps	1.7	2.2	2.5	1.9	2.8	.9	.7	.9	1.1	1.0	.3	.9	1.0	.3	1.5
Lighting fixtures	3.9	4.4	4.7	4.1	5.6	1.3	1.2	1.4	1.5	1.1	1.9	2.5	2.7	1.9	3.6
Wiring devices	3.1	3.3	3.7	3.4	2.7	1.5	1.3	1.4	1.8	.9	.8	1.2	1.5	.9	1.3
Radio and TV receiving sets	5.5	5.2	6.3	5.3	5.3	2.0	1.6	1.6	2.1	1.5	2.4	2.5	3.8	2.3	3.3
Communication equipment	2.6	2.6	2.6	2.4	2.5	1.3	1.2	1.3	1.2	1.0	.6	.8	.7	.5	1.2
Telephone and telegraph apparatus	1.8	1.6	1.6	1.5	2.4	1.0	.8	.9	.8	.6	.3	.4	.3	.3	1.4
Radio and TV communication equipment	2.9	3.0	3.1	2.7	2.5	1.4	1.3	1.4	1.4	1.1	.7	.9	.9	.6	1.0
Electronic components and accessories	4.3	4.1	4.3	3.6	3.9	1.9	1.6	1.6	1.9	1.3	1.5	1.7	1.9	1.0	2.2
Electron tubes	2.8	2.8	2.8	2.5	2.7	1.3	1.1	1.3	1.7	1.4	.9	1.1	1.0	.4	1.0
Electronic components, n.e.c.	4.9	4.6	4.9	4.2	4.7	2.2	1.8	1.7	2.0	1.3	1.8	1.9	2.3	1.4	3.0
Miscellaneous electrical equipment and supplies	3.0	3.2	3.1	3.2	4.4	1.1	1.0	.8	1.1	.9	1.0	1.6	1.7	1.5	3.1
Electrical equipment for engines	2.7	3.0	2.8	2.7	4.4	.9	.8	.6	.8	.6	.9	1.7	1.8	1.4	3.5

See footnotes at end of table.

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**ESTABLISHMENT DATA
LABOR TURNOVER**

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Table SD-1: Labor turnover rates, by industry--Continued

(Per 100 employees)

Industry	Accession rates									
	Total					New hires				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>										
TRANSPORTATION EQUIPMENT	4.7	4.7	4.4	4.8	4.2	2.1	1.6	1.7	1.8	1.4
Motor vehicles and equipment	5.0	5.1	4.5	5.9	4.8	1.5	.9	1.4	1.8	.9
Motor vehicles	5.0	5.2	4.2	6.2	3.9	1.5	.6	1.1	1.4	.8
Passenger car bodies	4.9	5.2	5.9	7.1	7.2	1.0	.6	2.0	2.2	1.0
Truck and bus bodies	4.9	3.8	4.7	6.0	3.5	2.8	2.0	3.6	3.5	1.4
Motor vehicle parts and accessories	5.0	5.0	4.6	5.5	5.1	1.4	1.0	1.2	1.6	.7
Aircraft and parts	2.9	2.8	2.4	2.3	2.4	2.1	1.7	1.4	1.5	1.4
Aircraft	2.8	2.7	2.0	1.9	2.2	2.1	1.6	1.2	1.2	1.4
Aircraft engines and engine parts	2.5	2.4	2.9	2.4	2.3	1.8	1.7	1.6	1.4	1.3
Other aircraft parts and equipment	4.1	3.6	2.9	3.3	2.8	2.9	2.2	1.7	2.3	1.6
Ship and boat building and repairing	9.8	10.1	10.7	10.5	10.9	3.5	3.6	4.0	3.7	3.6
Ship building and repairing	10.3	10.5	11.4	11.1	11.6	3.2	3.3	3.6	3.0	3.6
Railroad equipment	7.9	10.5	9.0	8.8	6.2	2.3	.7	2.4	1.3	.3
Other transportation equipment	8.2	7.8	7.2	7.2	6.3	5.3	3.9	3.2	4.3	3.3
INSTRUMENTS AND RELATED PRODUCTS	2.7	2.6	2.4	2.9	2.0	2.0	1.7	1.7	2.3	1.2
Engineering and scientific instruments	2.7	2.1	2.3	2.5	1.5	1.7	1.3	1.5	2.3	1.1
Mechanical measuring and control devices	2.7	2.8	2.6	3.6	2.4	2.0	1.8	1.9	2.7	1.2
Mechanical measuring devices	2.7	2.7	2.2	3.2	2.3	2.2	1.9	1.8	2.7	1.1
Automatic temperature controls	2.8	3.1	3.2	4.2	2.6	1.6	1.6	2.0	2.7	1.3
Optical and ophthalmic goods	3.1	3.2	2.2	3.1	2.0	2.4	2.2	1.8	2.5	1.1
Surgical, medical, and dental equipment	3.3	2.8	2.7	3.1	2.2	2.6	2.0	2.1	2.5	1.6
Photographic equipment and supplies	1.8	1.7	1.6	1.5	1.0	1.6	1.3	1.3	1.3	.7
Watches and clocks	3.8	4.3	3.4	4.1	3.8	2.5	2.3	2.0	2.7	1.8
MISCELLANEOUS MANUFACTURING INDUSTRIES	5.6	5.6	5.3	5.5	4.6	3.8	3.6	3.4	3.5	2.3
Jewelry, silverware, and plated ware	3.6	3.6	3.4	3.4	2.9	2.6	2.4	2.5	2.7	2.1
Toys, amusement, and sporting goods	9.1	8.5	7.9	8.2	6.6	5.4	5.0	4.3	4.1	2.6
Toys, games, dolls, and play vehicles	11.4	10.8	9.5	10.3	8.2	6.3	5.8	4.6	4.7	3.0
Sporting and athletic goods, n.e.c.	5.6	5.2	5.4	4.9	4.1	3.7	3.5	3.7	3.0	1.9
Pens, pencils, office and art materials	3.6	3.9	3.7	4.2	2.8	2.7	3.1	2.8	3.3	1.6
Costume jewelry, burtons, and notions	6.4	7.4	7.1	7.2	6.3	4.7	5.0	4.8	5.0	3.5
Other manufacturing industries	4.0	3.8	3.7	4.0	3.6	2.9	2.4	2.7	2.9	1.8
<i>Nondurable Goods</i>										
FOOD AND KINDRED PRODUCTS	6.4	6.0	6.0	6.2	5.6	3.8	3.4	3.5	3.6	2.7
Meat products	5.7	5.8	5.7	6.1	5.1	2.7	2.3	2.3	2.7	1.6
Meat packing	5.2	5.7	5.5	5.9	5.0	1.4	1.3	1.4	1.8	.8
Poultry dressing and packing	8.8	7.6	8.1	8.3	6.9	6.8	5.5	5.5	5.9	4.2
Grain mill products	3.1	3.0	3.2	3.1	3.1	2.1	2.0	2.1	2.1	1.9
Flour and other grain mill products	3.0	3.2	3.0	2.9	2.8	1.7	1.7	2.0	2.0	1.7
Prepared feeds for animals and fowls	3.2	2.9	2.7	2.7	2.9	2.5	2.3	2.1	2.2	2.2
Bakery products	3.1	2.9	3.2	3.3	2.7	2.6	2.2	2.6	2.7	2.1
Bread, cake, and perishable products	2.9	2.7	3.0	3.2	2.6	2.5	2.2	2.5	2.6	2.1
Biscuit, crackers, and pretzels	4.1	3.8	4.2	4.1	3.4	2.9	2.2	2.9	2.9	2.2
Confectionery and related products	6.4	6.1	6.2	6.0	5.3	3.6	3.7	4.1	3.7	2.9
Candy and other confectionery products	7.2	6.8	6.9	6.6	5.9	3.9	4.1	4.5	3.9	3.1
Beverages	4.9	4.9	5.3	5.7	4.8	2.7	2.4	2.7	3.0	2.1
Malt liquors	4.1	3.8	4.0	4.2	4.2	1.3	1.3	1.5	1.5	1.3
TOBACCO MANUFACTURES	6.4	5.9	5.4	5.4	5.6	3.2	3.1	2.8	2.9	2.0
Cigarettes	1.1	1.0	1.1	1.3	1.7	.7	.5	.4	.7	1.0
Cigars	3.3	3.0	3.0	3.2	2.9	1.9	1.6	1.7	2.0	1.3
TEXTILE MILL PRODUCTS	3.6	3.5	3.2	3.5	3.2	2.5	2.2	2.0	2.4	1.6
Cotton broad woven fabrics	2.7	2.4	2.4	2.7	2.4	1.9	1.6	1.6	1.9	1.4
Silk and synthetic broad woven fabrics	3.2	2.9	2.6	2.7	2.4	2.3	1.9	1.7	1.9	1.4
Weaving and finishing broad wooleens	4.3	4.8	4.1	4.6	5.3	2.6	2.4	1.8	2.6	1.9
Narrow fabrics and smallwares	3.6	3.8	3.4	3.7	3.7	2.6	2.3	2.1	2.6	2.0
Knitting	4.4	4.5	4.3	4.6	3.9	3.1	2.8	2.8	3.2	2.1
Full-fashioneed hosiery	3.2	2.7	3.9	3.3	2.9	2.6	2.1	2.6	2.1	1.8
Seamless hosiery	3.1	3.1	3.1	3.7	3.0	2.4	2.1	2.2	2.6	1.7
Knit underwear	3.1	3.1	2.8	3.7	2.9	2.2	1.9	1.9	3.0	1.7
Finishing textiles, except wool and knit	2.5	2.5	2.1	2.3	2.1	1.8	1.6	1.4	1.7	1.3
Floor covering	3.9	4.2	3.3	3.5	3.6	2.7	2.3	1.7	2.2	1.7
Yarn and thread	4.2	4.2	3.7	3.9	3.5	3.0	2.6	2.2	2.6	1.8
Miscellaneous textile goods	3.9	3.9	3.2	3.6	3.8	2.6	2.1	1.8	2.4	1.6

See footnotes at end of table.

Table SD-1: Labor turnover rates, by industry--Continued

Industry	(Per 100 employees)														
	Separation rates														
	Total					Quits					Layoffs				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Durable Goods--Continued</i>															
TRANSPORTATION EQUIPMENT	4.6	5.0	5.2	5.5	5.3	1.0	0.8	0.9	1.1	0.9	2.8	3.6	3.6	3.8	3.9
Motor vehicles and equipment	5.2	5.8	5.5	6.7	6.6	.6	.5	.6	.8	.5	3.4	4.5	4.2	5.1	5.3
Motor vehicles	5.3	6.3	5.4	7.2	6.5	.6	.5	.6	.7	.5	3.6	5.0	4.0	5.5	5.2
Passenger car bodies	4.5	5.9	5.4	9.6	8.2	.4	.3	.7	1.2	.7	2.6	4.7	4.3	7.3	6.1
Truck and bus bodies	4.6	4.3	4.4	4.4	4.9	1.3	.9	1.3	1.4	.8	2.7	3.0	2.5	2.2	3.6
Motor vehicle parts and accessories	5.4	5.4	5.7	6.2	6.7	.6	.4	.6	.7	.4	3.4	4.2	4.5	4.7	5.6
Aircraft and parts	2.5	2.6	3.3	3.2	2.8	1.1	.9	1.0	1.2	.9	1.0	1.3	1.7	1.5	1.6
Aircraft	2.4	2.5	2.8	3.0	2.5	1.1	.8	.9	1.2	.9	.9	1.3	1.5	1.5	1.3
Aircraft engines and engine parts	2.0	2.1	3.3	2.9	2.9	.9	.8	1.0	1.0	.7	.6	.8	1.4	1.5	1.9
Other aircraft parts and equipment	4.1	3.7	4.5	3.8	3.5	1.5	1.2	1.2	1.4	1.0	1.9	1.9	2.8	1.7	2.1
Ship and boat building and repairing	9.7	10.4	10.7	10.7	11.6	1.7	1.7	2.0	1.9	1.8	7.2	8.0	7.9	8.0	9.1
Ship building and repairing	10.2	10.8	11.2	11.4	12.1	1.6	1.6	1.7	1.6	1.7	7.9	8.6	8.8	9.1	9.6
Railroad equipment	8.7	11.8	8.2	9.7	9.6	.9	.6	.8	.9	.4	6.6	10.3	6.1	7.8	8.6
Other transportation equipment	7.4	6.9	9.9	7.5	5.9	2.7	2.2	2.1	2.8	1.9	3.5	3.8	7.0	3.8	3.2
INSTRUMENTS AND RELATED PRODUCTS	2.6	2.5	2.7	2.4	2.5	1.2	1.0	1.1	1.3	.8	.7	.9	1.1	.6	1.3
Engineering and scientific instruments	2.6	2.6	2.3	2.0	2.1	1.2	.9	1.0	1.2	1.0	.8	1.0	.8	.3	.9
Mechanical measuring and control devices	2.6	2.7	3.1	2.8	2.8	1.2	1.0	1.3	1.4	.9	.7	.9	1.3	.7	1.6
Mechanical measuring devices	2.5	2.7	2.7	2.4	3.0	1.2	1.0	1.2	1.3	.8	.8	1.1	1.1	.6	1.8
Automatic temperature controls	2.8	2.7	3.8	3.6	2.3	1.2	1.0	1.5	1.6	.9	.4	.6	1.6	.8	1.1
Optical and ophthalmic goods	2.9	2.8	2.8	2.4	2.5	1.5	1.2	1.2	1.2	.8	.8	1.0	1.2	.7	1.3
Surgical, medical, and dental equipment	3.1	2.7	2.6	2.8	2.5	1.5	1.2	1.3	1.4	.9	1.0	1.0	.8	.9	1.2
Photographic equipment and supplies	1.6	1.6	1.7	1.4	1.6	.9	.8	.8	.8	.6	.3	.4	.5	.3	.8
Watches and clocks	3.6	3.6	4.5	3.7	4.4	1.5	1.2	1.4	1.7	1.2	1.4	1.8	2.5	1.3	2.7
MISCELLANEOUS MANUFACTURING INDUSTRIES	6.0	5.8	5.8	5.3	5.2	2.0	1.8	1.9	1.9	1.3	3.1	3.2	3.2	2.7	3.4
Jewelry, silverware, and plated ware	3.8	3.6	3.7	3.2	3.1	1.7	1.5	1.6	1.5	1.0	1.5	1.5	1.5	1.1	1.6
Toys, amusement, and sporting goods	10.0	9.2	8.6	8.1	7.9	2.5	2.3	2.2	2.3	1.6	6.2	5.7	5.4	4.9	5.7
Toys, games, dolls, and play vehicles	13.0	11.7	10.7	10.0	9.8	2.8	2.6	2.3	2.7	1.7	8.8	7.8	7.4	6.5	7.4
Sporting and athletic goods, n.e.c.	5.6	5.5	5.4	4.8	4.9	2.1	1.8	1.9	1.7	1.4	2.5	2.6	2.2	2.3	2.9
Pens, pencils, office and art materials	3.5	3.5	4.0	3.9	3.7	1.6	1.4	1.5	1.6	1.1	1.3	1.4	2.0	1.7	2.0
Costume jewelry, buttons, and notions	6.8	7.5	7.9	7.3	6.8	2.7	2.9	3.0	2.9	1.9	3.2	3.8	4.2	3.8	4.4
Other manufacturing industries	4.2	4.0	4.3	3.7	4.0	1.5	1.2	1.4	1.5	1.1	2.0	2.2	2.2	1.6	2.5
<i>Nondurable Goods</i>															
FOOD AND KINDRED PRODUCTS	6.2	6.0	6.0	6.1	5.8	1.9	1.6	1.8	1.9	1.4	3.7	3.9	3.6	3.6	3.9
Meat products	5.8	5.9	5.8	5.9	5.4	1.8	1.4	1.6	1.7	1.1	3.4	3.8	3.7	3.6	3.9
Meat packing	5.4	5.8	5.7	5.4	5.5	.8	.7	.8	.9	.5	4.1	4.7	4.4	4.1	4.6
Poultry dressing and packing	8.5	7.4	7.9	8.9	6.8	5.2	3.8	4.2	4.3	3.2	2.4	2.5	2.7	3.5	2.8
Grain mill products	3.4	3.2	3.4	3.4	3.2	1.1	1.0	1.1	1.3	1.0	1.7	1.6	1.7	1.6	1.8
Flour and other grain mill products	3.2	3.3	3.2	3.1	2.9	.9	.9	1.0	1.1	.8	1.8	1.9	1.8	1.5	1.7
Prepared feeds for animals and fowls	3.6	3.2	3.1	3.2	2.8	1.3	1.1	1.2	1.3	1.1	1.7	1.5	1.4	1.4	1.3
Bakery products	3.2	3.0	3.1	3.2	2.8	1.7	1.4	1.7	1.7	1.4	.9	1.0	.9	.9	.9
Bread, cake, and perishable products	3.0	2.8	3.0	2.9	2.7	1.6	1.4	1.7	1.7	1.4	.8	.8	.7	.7	.8
Biscuit, crackers, and pretzels	4.2	4.1	4.2	4.4	3.5	1.8	1.4	1.9	2.0	1.6	1.5	2.0	1.5	1.7	1.4
Confectionery and related products	6.3	6.3	6.2	5.9	5.8	2.3	2.4	2.8	2.7	2.1	3.4	3.3	2.7	2.7	3.4
Candy and other confectionery products	7.3	6.9	6.8	6.6	6.3	2.6	2.7	3.1	2.9	2.2	4.1	3.6	3.0	3.1	3.7
Beverages	4.9	5.0	5.3	5.6	4.9	1.6	1.2	1.4	1.6	1.2	2.7	3.2	3.4	3.5	3.3
Malt liquors	4.2	4.1	4.1	4.3	4.4	.5	.5	.5	.6	.5	3.3	3.2	3.3	3.5	3.6
TOBACCO MANUFACTURES	6.7	5.7	5.7	5.0	6.1	.9	.9	1.0	1.1	1.0	5.3	4.4	4.2	3.6	4.7
Cigarettes	1.0	1.0	1.2	1.2	1.3	.5	.5	.6	.7	.7	.2	.2	.3	.2	.3
Cigars	3.9	3.7	3.3	3.5	4.2	1.7	1.7	2.0	2.2	1.6	1.7	1.6	.9	1.0	2.3
TEXTILE MILL PRODUCTS	3.7	3.4	3.7	3.5	3.5	1.9	1.6	1.6	1.7	1.3	1.2	1.3	1.5	1.3	1.8
Cotton broad woven fabrics	3.1	2.5	2.7	2.8	2.8	1.9	1.5	1.6	1.7	1.3	.7	.6	.6	.6	1.1
Silk and synthetic broad woven fabrics	3.0	2.8	2.9	2.8	2.7	1.7	1.3	1.3	1.4	1.1	.7	1.0	1.0	.9	1.2
Weaving and finishing broad woolsens	4.8	4.9	5.7	4.4	5.7	1.8	1.5	1.4	1.6	1.1	2.3	2.8	3.7	2.2	4.0
Narrow fabrics and smallwares	3.8	3.6	3.8	3.7	3.6	1.7	1.5	1.6	1.7	1.2	1.4	1.6	1.7	1.6	2.0
Knitting	4.6	4.2	4.5	4.4	4.0	2.3	1.9	2.0	2.1	1.5	1.7	1.7	2.0	1.8	2.2
Full-fashioned hosiery	3.8	3.2	3.4	3.9	2.9	2.4	1.9	2.1	2.1	1.6	1.0	.8	1.0	1.5	1.0
Seamless hosiery	3.6	3.1	3.3	3.3	3.3	2.0	1.7	1.8	1.9	1.5	1.1	.9	1.2	1.1	1.6
Knit underwear	3.1	2.8	3.5	3.2	2.9	2.0	1.7	2.1	2.1	1.4	.7	.7	1.1	.7	1.2
Finishing textiles, except wool and knit	2.5	2.4	2.5	2.4	2.4	1.3	1.0	1.1	1.2	.9	.7	.9	1.0	.7	1.2
Floor covering	4.1	4.3	4.0	3.5	3.8	1.7	1.3	1.2	1.2	1.0	1.7	2.4	2.3	1.7	2.4
Yarn and thread	4.3	3.9	4.3	4.1	3.7	2.4	2.0	1.9	2.0	1.4	1.2	1.3	1.8	1.5	1.8
Miscellaneous textile goods	3.8	3.9	4.0	3.7	4.3	1.6	1.3	1.3	1.5	1.0	1.5	2.1	2.2	1.8	2.9

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

Table SD-1: Labor turnover rates, by industry--Continued

(Per 100 employees)

Industry	Accession rates									
	Total					New hires				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Nondurable Goods--Continued</i>										
APPAREL AND RELATED PRODUCTS	5.5	5.7	5.4	5.7	5.2	3.5	3.1	3.2	3.6	2.5
Men's and boys' suits and coats	3.7	4.1	3.7	3.9	3.6	2.2	1.6	2.3	2.5	1.2
Men's and boys' furnishings	4.8	4.4	4.3	5.0	3.9	3.5	2.9	3.1	3.7	2.3
Men's and boys' shirts and nightwear	4.7	4.0	4.1	4.5	3.5	3.7	2.8	3.1	3.4	2.1
Men's and boys' separate trousers	4.8	4.5	3.9	5.1	3.7	3.5	2.7	2.9	4.0	2.3
Work clothing	4.4	4.0	4.0	4.7	3.7	3.2	2.5	2.5	3.3	2.1
Women's and children's undergarments	4.8	4.8	4.6	5.0	4.1	3.2	3.0	3.0	3.7	2.5
Women's and children's underwear	4.9	5.1	4.9	5.2	4.2	3.4	3.3	3.3	3.9	2.7
Corsets and allied garments	4.5	4.2	4.1	4.6	4.0	2.8	2.4	2.5	3.2	2.2
PAPER AND ALLIED PRODUCTS	2.6	2.6	2.6	2.8	2.4	1.8	1.7	1.8	2.1	1.5
Paper and pulp	1.7	1.8	1.8	2.0	1.7	1.0	1.0	1.1	1.3	1.0
Paperboard	1.7	1.7	1.7	1.8	1.6	1.3	1.1	1.2	1.4	1.0
Converted paper and paperboard products	3.3	3.5	3.6	3.5	3.1	2.4	2.2	2.4	2.7	1.8
Bags, except textile bags	4.2	4.8	5.0	4.5	4.2	2.7	2.9	3.1	3.4	2.4
Paperboard containers and boxes	3.6	3.4	3.3	3.7	3.0	2.6	2.4	2.4	3.0	2.0
Folding and setup paperboard boxes	3.9	3.6	3.5	4.2	3.4	2.8	2.5	2.7	3.3	2.3
Corrugated and solid fiber boxes	3.3	3.2	3.0	3.6	2.9	2.6	2.3	2.2	3.0	2.0
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	3.0	2.9	3.0	3.0	2.5	2.3	2.1	2.4	2.4	1.8
CHEMICALS AND ALLIED PRODUCTS	2.1	2.1	2.0	2.2	1.8	1.5	1.4	1.4	1.6	1.0
Industrial chemicals	1.3	1.3	1.3	1.4	1.0	.9	.8	.9	1.0	.6
Plastics and synthetics, except glass	1.6	1.8	1.4	1.7	1.4	1.2	1.0	.8	1.1	.5
Plastics and synthetics, except fibers	1.6	1.6	1.6	1.8	1.3	1.1	1.1	1.0	1.3	.6
Synthetic fibers	1.7	1.9	1.3	1.5	1.5	1.2	.8	.6	.9	.5
Drugs	2.0	1.9	1.9	2.1	1.7	1.6	1.5	1.5	1.7	1.3
Pharmaceutical preparations	2.2	2.1	2.3	2.3	1.9	1.7	1.6	1.8	1.9	1.4
Soap, cleaners, and toilet goods	3.3	3.1	3.2	3.3	2.8	2.3	2.2	2.4	2.4	1.7
Soap and detergents	2.9	2.6	2.4	2.5	2.5	1.5	1.5	1.4	1.6	1.3
Toilet preparations	4.2	4.1	4.5	4.7	3.6	3.3	3.2	3.6	3.5	2.3
Paints, varnishes, and allied products	1.8	1.8	1.8	2.1	1.5	1.5	1.4	1.5	1.7	1.1
Other chemical products	2.5	2.6	2.3	2.4	1.5	1.7	1.8	1.7	1.8	.9
PETROLEUM REFINING AND RELATED INDUSTRIES	1.4	1.3	1.2	1.3	.9	1.0	.9	.8	.8	.6
Petroleum refining	.9	.9	.8	.8	.5	.7	.6	.6	.5	.4
Other petroleum and coal products	3.9	3.5	2.9	3.6	3.3	2.4	2.1	1.9	2.4	2.1
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	3.8	3.9	3.1	3.6	3.4	2.4	2.0	1.7	2.4	1.3
Tires and inner tubes	1.6	1.8	1.3	1.6	1.8	.5	.4	.4	.9	.4
Other rubber products	3.7	4.0	3.3	3.7	3.6	2.3	1.7	1.6	2.5	1.3
Miscellaneous plastic products	5.3	5.4	4.5	5.2	4.7	3.9	3.4	3.0	3.7	2.3
LEATHER AND LEATHER PRODUCTS	5.0	5.0	4.8	4.8	4.2	3.1	2.8	2.9	3.1	2.2
Leather tanning and finishing	3.6	3.6	2.9	2.8	2.5	2.1	1.8	1.6	1.7	1.2
Footwear, except rubber	4.5	4.6	4.6	4.5	3.7	2.9	2.6	2.8	3.0	2.0
NONMANUFACTURING										
METAL MINING	2.9	2.7	3.4	3.6	2.6	1.5	1.2	2.0	1.9	.8
Iron ores	2.4	3.2	2.3	4.2	3.1	.4	.2	.6	1.3	.2
Copper ores	2.3	1.9	3.6	2.2	2.6	1.1	.8	1.6	1.2	1.2
COAL MINING	1.7	2.2	1.6	2.2	1.3	.5	.6	.5	.5	.3
Bituminous	1.6	2.1	1.6	2.3	1.3	.5	.6	.5	.5	.3
COMMUNICATIONS										
Telephone communication	1.5	1.3	1.5	1.4	.7	-	-	-	-	-
Telegraph communication ³	1.5	1.4	1.6	1.6	1.1	-	-	-	-	-

ESTABLISHMENT DATA
LABOR TURNOVER

Table SD-1: Labor turnover rates, by industry--Continued

Industry	(Per 100 employees)														
	Separation rates														
	Total					Quits					Layoffs				
	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958	1962	1961	1960	1959	1958
<i>Nondurable Goods--Continued</i>															
APPAREL AND RELATED PRODUCTS	5.8	5.8	6.1	5.6	5.7	2.3	2.0	2.3	2.3	1.7	2.7	3.1	3.2	2.7	3.5
Men's and boys' suits and coats	3.4	4.3	3.8	3.5	4.4	1.5	1.4	1.7	1.7	1.1	1.4	2.5	1.7	1.4	2.9
Men's and boys' furnishings	4.4	4.3	4.9	4.5	4.2	2.8	2.4	2.7	2.8	2.0	1.1	1.4	1.7	1.2	1.9
Men's and boys' shirts and nightwear	4.2	3.9	4.1	3.9	4.0	2.8	2.4	2.7	2.5	1.9	.7	1.0	1.0	.9	1.7
Men's and boys' separate trousers	4.0	4.5	4.7	4.3	3.9	2.7	2.4	2.9	3.1	2.0	.9	1.7	1.3	.9	1.6
Work clothing	4.0	3.7	4.6	4.3	3.8	2.7	2.3	2.7	2.8	2.0	.7	1.0	1.6	1.0	1.4
Women's and children's undergarments	5.1	5.1	5.3	4.9	4.3	2.5	2.2	2.5	2.5	1.9	1.9	2.2	2.1	1.8	2.1
Women's and children's underwear	5.3	5.5	5.6	5.1	4.5	2.8	2.4	2.7	2.7	2.0	2.0	2.5	2.3	1.8	2.1
Corsets and allied garments	4.6	4.2	4.6	4.6	4.0	2.1	1.8	2.1	2.1	1.6	1.9	1.7	1.8	1.7	2.0
PAPER AND ALLIED PRODUCTS	2.8	2.7	2.9	2.7	2.5	1.1	1.0	1.2	1.3	.9	1.0	1.1	1.2	.9	1.3
Paper and pulp	1.9	1.9	1.9	1.8	1.7	.7	.6	.7	.7	.6	.8	.9	.9	.7	.9
Paperboard	1.7	1.7	2.0	1.8	1.8	.8	.7	.9	.9	.7	.5	.6	.8	.5	.7
Converted paper and paperboard products	3.4	3.5	4.0	3.6	3.3	1.5	1.3	1.6	1.7	1.1	1.3	1.5	1.8	1.2	1.7
Bags, except textile bags	5.1	5.1	6.2	4.7	4.9	1.8	1.6	1.9	2.1	1.4	2.3	2.4	3.2	1.7	2.9
Paperboard containers and boxes	3.7	3.3	3.6	3.6	3.3	1.6	1.3	1.5	1.8	1.3	1.4	1.3	1.3	1.1	1.5
Folding and setup paperboard boxes	4.1	3.8	3.9	4.0	3.8	1.7	1.4	1.8	2.1	1.5	1.6	1.7	1.5	1.3	1.8
Corrugated and solid fiber boxes	3.2	2.9	3.4	3.4	3.0	1.6	1.3	1.5	1.8	1.2	.9	1.0	1.2	.9	1.3
PRINTING, PUBLISHING, AND ALLIED INDUSTRIES	2.9	2.9	2.8	2.8	2.7	1.5	1.4	1.5	1.5	1.2	1.0	1.0	.9	.9	1.0
CHEMICALS AND ALLIED PRODUCTS	2.1	2.0	2.1	2.0	2.2	.8	.7	.8	.8	.6	.8	.9	.9	.8	1.3
Industrial chemicals	1.4	1.3	1.4	1.3	1.6	.6	.5	.5	.5	.4	.4	.5	.5	.4	1.0
Plastics and synthetics, except glass	1.4	1.6	1.7	1.3	2.0	.6	.5	.5	.6	.4	.4	.7	.9	.4	1.4
Plastics and synthetics, except fibers	1.5	1.6	1.7	1.4	1.9	.6	.6	.6	.7	.4	.4	.6	.7	.4	1.2
Synthetic fibers	1.3	1.6	1.8	1.3	2.2	.6	.5	.5	.5	.4	.4	.8	1.1	.5	1.6
Drugs	1.7	1.7	2.0	1.9	1.7	1.0	.9	1.0	1.1	.9	.4	.5	.6	.4	.6
Pharmaceutical preparations	2.0	2.0	2.2	2.2	2.0	1.1	1.0	1.2	1.2	.9	.5	.6	.6	.5	.7
Soap, cleaners, and toilet goods	3.3	3.0	3.0	3.1	3.1	1.2	1.1	1.3	1.3	1.0	1.4	1.2	1.2	1.2	1.6
Soap and detergents	3.1	2.4	2.4	2.6	2.4	.6	.6	.7	.8	.6	1.9	1.3	1.3	1.3	1.5
Toilet preparations	4.2	4.0	4.1	4.2	4.1	1.9	1.7	2.1	1.9	1.4	1.4	1.5	1.2	1.4	2.1
Paints, varnishes, and allied products	1.9	1.9	2.0	2.0	1.6	.9	.8	.9	1.0	.7	.5	.6	.6	.5	.7
Other chemical products	2.4	2.4	2.4	2.2	2.0	.9	.8	.9	1.0	.6	1.1	1.2	1.0	.7	1.1
PETROLEUM REFINING AND RELATED INDUSTRIES	1.8	1.7	1.6	1.4	1.5	.7	.5	.5	.5	.4	.6	.6	.6	.5	.6
Petroleum refining	1.4	1.2	1.2	1.0	1.1	.6	.4	.5	.4	.3	.3	.3	.3	.2	.3
Other petroleum and coal products	3.9	3.9	3.3	3.5	3.8	1.2	.8	.9	1.1	1.0	2.2	2.5	1.8	1.7	2.3
RUBBER AND MISCELLANEOUS PLASTIC PRODUCTS	3.6	3.6	4.0	3.4	3.6	1.4	1.2	1.2	1.3	.8	1.5	1.8	2.2	1.5	2.3
Tires and inner tubes	1.8	1.7	2.1	1.5	2.0	.3	.2	.3	.5	.3	1.0	1.0	1.4	.7	1.4
Other rubber products	3.4	3.6	4.1	3.5	3.6	1.4	1.1	1.2	1.4	.8	1.3	1.8	2.4	1.5	2.4
Miscellaneous plastic products	5.2	5.1	5.2	5.0	5.2	2.3	1.9	1.9	2.0	1.4	1.9	2.3	2.6	2.1	3.3
LEATHER AND LEATHER PRODUCTS	5.2	5.0	5.0	4.7	4.5	2.3	2.0	2.2	2.2	1.6	2.1	2.2	2.1	1.8	2.4
Leather tanning and finishing	3.9	3.6	3.4	3.3	3.1	1.2	.9	.9	1.0	.7	2.1	2.2	2.0	1.8	2.0
Footwear, except rubber	4.7	4.6	4.7	4.3	4.0	2.4	2.1	2.3	2.3	1.7	1.5	1.7	1.7	1.4	1.9
NONMANUFACTURING															
METAL MINING	3.5	3.1	3.8	3.4	3.8	1.2	1.0	1.5	1.5	1.0	1.5	1.4	1.5	1.1	2.3
Iron ores	4.2	3.5	4.6	3.7	4.4	.3	.2	.6	.6	.2	3.3	2.7	3.5	2.7	3.8
Copper ores	2.4	2.4	2.5	2.5	3.1	1.0	.9	1.4	1.2	1.2	.8	.9	1.4	1.7	1.3
COAL MINING	2.8	2.7	3.8	3.6	2.7	.4	.4	.3	.3	.3	1.9	1.9	3.0	3.0	2.2
Bituminous	2.7	2.4	3.4	3.5	2.6	.4	.4	.3	.3	.3	1.8	1.7	2.7	2.9	2.1
COMMUNICATIONS															
Telephone communication	1.6	1.4	1.5	1.5	1.4	1.1	1.0	1.1	1.1	1.0	.2	.2	.2	.2	.2
Telegraph communication ³	1.9	1.6	1.7	1.6	1.6	.9	.7	.9	.8	.6	.6	.5	.5	.4	.6

¹7-month average.²10-month average.³Data relate to domestic employees except messengers.

NOTE: Beginning with January 1959, transfers between establishments of the same firm are included in total accessions and total separations, therefore rates for these items are not strictly comparable with prior data. Transfers comprise part of other accessions and other separations, the rates for which are not shown separately.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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Table SD-2: Labor turnover rates in manufacturing for selected States and areas

(Per 100 employees)

State and area	Accession rates						Separation rates								
	Total			New hires			Total			Quits			Layoffs		
	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960
ALABAMA ¹	3.8	3.8	3.5	1.9	1.6	1.7	3.9	3.8	4.2	1.1	0.9	1.1	2.3	2.4	2.6
Birmingham.....	3.4	3.6	3.1	1.4	.9	.9	3.3	3.4	4.0	.6	.4	.5	2.2	2.5	2.9
Mobile ¹	11.1	10.0	8.9	1.3	1.8	2.4	12.0	10.3	9.5	.9	1.0	1.5	10.5	8.8	7.6
ARIZONA	4.9	4.3	4.9	3.7	3.3	3.8	4.5	4.3	4.9	1.9	1.6	2.0	1.9	2.0	2.2
Phoenix.....	5.2	4.6	5.5	4.0	3.5	4.3	4.8	4.6	5.0	2.0	1.7	2.1	2.0	2.1	2.1
ARKANSAS	5.8	5.2	4.7	4.5	3.4	3.1	5.6	5.1	5.3	2.6	2.0	2.0	2.2	2.4	2.7
Fort Smith.....	8.6	6.7	4.8	7.2	4.5	2.8	7.6	4.8	4.7	4.5	2.2	1.4	2.4	1.9	2.9
Little Rock-North Little Rock.....	4.9	5.4	4.8	3.7	3.7	3.4	5.2	4.9	5.7	2.5	2.2	2.2	2.0	2.0	2.9
Pine Bluff.....	4.4	3.5	4.3	3.0	2.2	2.9	3.9	3.9	4.7	2.0	1.5	1.8	1.4	1.9	2.6
CALIFORNIA ¹	4.8	4.7	4.5	3.5	3.2	3.1	4.7	4.5	5.0	1.9	1.6	1.8	2.0	2.1	2.5
Los Angeles-Long Beach ¹	5.1	4.7	4.5	3.9	3.4	3.3	4.8	4.6	5.0	2.1	1.7	1.9	1.7	2.0	2.3
Sacramento ¹	2.9	2.5	3.2	2.5	1.9	2.5	2.4	2.2	2.4	1.2	1.0	1.3	.7	.8	.7
San Bernardino-Riverside-Ontario ¹	4.2	4.4	3.7	2.9	2.7	2.1	4.5	3.6	5.1	1.6	1.4	1.4	2.1	1.6	3.2
San Diego ¹	2.8	3.7	2.7	1.7	2.7	2.1	4.6	3.5	3.6	1.5	1.3	1.3	2.4	1.4	1.9
San Francisco-Oakland ¹	5.1	4.8	4.7	2.9	2.9	2.7	5.4	5.0	5.2	1.4	1.3	1.3	3.3	3.0	3.2
San Jose ¹	3.6	3.7	4.4	3.0	2.9	3.2	2.8	3.0	3.6	1.7	1.6	1.7	.7	.9	1.4
Stockton ¹	5.2	5.2	5.5	2.8	2.9	3.2	5.1	6.0	5.9	1.6	1.5	1.6	3.0	3.8	3.5
COLORADO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CONNECTICUT	2.7	2.7	2.5	2.0	1.8	1.6	2.6	2.6	3.0	1.2	1.1	1.2	.8	1.0	1.4
Bridgeport.....	2.3	2.2	2.1	1.6	1.3	1.4	2.2	2.1	2.5	.1	.9	.9	.8	.8	1.2
Hartford.....	2.2	2.4	2.3	1.7	1.8	1.6	1.9	2.2	2.7	1.0	1.0	1.2	.4	.7	1.0
New Britain.....	3.0	2.9	2.0	2.3	1.8	1.4	2.6	2.7	3.5	1.3	.9	.9	.7	1.3	2.1
New Haven.....	2.8	2.7	2.5	1.8	1.7	1.8	2.9	2.6	2.9	1.2	1.1	1.2	1.0	.9	1.1
Stamford.....	2.3	-	-	2.0	-	-	2.6	-	-	1.4	-	-	.8	-	-
Waterbury.....	2.5	2.6	2.0	1.8	1.5	.9	2.4	2.4	3.0	1.2	1.1	1.0	.6	.8	1.5
DELAWARE ¹	3.7	3.9	2.3	1.6	1.5	1.4	4.0	3.8	2.8	.8	.8	.9	2.6	2.5	1.3
Wilmington ¹	3.3	3.5	1.9	1.3	1.2	1.1	3.5	3.4	2.5	.6	.6	.7	2.4	2.4	1.3
DISTRICT OF COLUMBIA:															
Washington.....	3.1	3.2	3.8	2.6	2.9	3.4	3.1	3.1	3.9	2.1	1.9	2.5	.3	.5	.8
FLORIDA	5.4	5.1	6.3	3.5	3.7	4.1	5.6	5.6	6.4	2.1	2.1	2.4	2.8	2.8	3.3
Jacksonville.....	5.0	4.8	8.1	2.8	3.1	4.1	5.1	4.4	8.9	1.7	2.0	2.6	2.9	1.7	5.1
Miami.....	4.7	5.8	5.2	3.6	4.3	4.2	4.8	5.4	6.3	2.0	2.1	2.5	2.2	2.4	3.0
Tampa-St. Petersburg.....	5.0	4.5	5.3	3.4	2.7	3.4	5.3	4.7	5.4	2.0	1.5	2.1	2.7	2.7	2.7
GEORGIA	3.9	3.9	3.6	2.6	2.4	2.3	3.7	3.8	3.8	1.7	1.5	1.6	1.3	1.7	1.6
Atlanta ²	4.0	4.1	3.8	2.5	2.2	2.1	3.7	3.9	4.3	1.5	1.3	1.4	1.4	2.0	2.4
HAWAII ³	3.1	2.5	-	1.6	2.0	-	3.3	2.7	-	1.1	1.4	-	1.4	.8	-
IDAHO ⁴	5.5	5.8	6.0	3.6	3.6	3.9	5.4	5.8	7.1	2.2	2.0	2.3	2.6	3.2	4.3
INDIANA ¹	3.4	3.7	3.2	1.9	1.4	1.6	3.4	3.5	4.0	1.1	.8	1.0	1.7	2.1	2.5
Indianapolis ⁵	3.0	3.2	2.6	2.0	1.3	1.4	3.1	3.0	3.5	1.1	.8	.9	1.4	1.7	2.2
IOWA	3.9	3.7	4.0	2.1	1.8	2.1	3.8	4.0	4.2	1.3	1.2	1.5	2.0	2.5	2.4
Des Moines.....	3.5	3.4	3.7	2.0	2.1	2.6	3.4	4.1	4.0	1.5	1.6	1.7	1.6	2.1	1.8
KANSAS	3.5	3.7	3.2	2.3	2.1	1.9	3.6	3.5	3.7	1.5	1.2	1.2	1.6	1.8	2.0
Topeka.....	2.7	3.2	2.6	2.1	2.6	1.9	3.1	2.9	3.0	1.5	1.4	1.4	1.1	.9	1.2
Wichita.....	2.6	2.6	2.4	1.7	1.4	1.3	2.8	2.6	3.0	1.3	1.0	1.0	1.1	1.3	1.6
KENTUCKY	3.6	3.6	3.5	1.8	1.3	1.6	3.5	3.5	4.0	1.0	.8	1.0	2.0	2.3	2.5
Louisville.....	3.2	3.2	3.0	1.5	.9	1.2	3.0	3.3	3.6	.8	.6	.8	1.6	2.1	2.2

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

Table SD-2: Labor turnover rates in manufacturing for selected States and areas--Continued

State and area	(Per 100 employees)									Separation rates					
	Accession rates						Total			Quits			Layoffs		
	Total			New hires			1962	1961	1960	1962	1961	1960	1962	1961	1960
LOUISIANA.....	3.6	3.5	3.7	2.0	1.8	1.7	3.7	3.6	3.7	0.9	0.8	0.9	2.2	2.3	2.4
New Orleans ⁶	4.4	4.1	4.2	2.2	1.9	1.9	4.1	4.4	4.6	1.0	.8	1.0	2.6	3.0	3.0
MAINE.....	5.6	4.7	4.8	3.4	2.9	2.9	6.2	4.5	5.0	2.2	1.8	2.1	3.3	2.1	2.3
Portland.....	3.4	2.9	3.1	2.6	2.3	2.2	3.6	2.4	2.4	1.6	1.0	1.3	1.5	.9	.8
MARYLAND.....	3.9	4.0	3.6	2.2	1.9	1.9	4.0	4.0	4.0	1.2	1.1	1.1	2.3	2.5	2.4
Baltimore.....	3.4	3.6	3.3	1.7	1.6	1.8	3.6	3.6	3.8	1.0	1.0	1.0	2.1	2.2	2.3
MASSACHUSETTS.....	3.8	3.8	3.5	2.4	2.3	2.3	4.0	3.9	3.9	1.7	1.5	1.6	1.6	1.7	1.7
Boston.....	3.5	3.6	3.4	2.3	2.2	2.2	3.8	3.8	3.8	1.6	1.4	1.6	1.5	1.6	1.5
Fall River.....	5.7	5.2	4.2	2.8	2.4	2.4	6.3	4.9	4.8	1.8	1.5	1.8	3.8	2.6	2.6
New Bedford.....	5.2	4.7	4.4	3.0	2.4	2.3	4.6	4.3	4.7	2.0	1.4	1.5	1.8	2.2	2.5
Springfield-Chicopee-Holyoke.....	3.1	3.5	3.2	1.8	1.7	1.8	3.6	3.4	3.6	1.2	1.1	1.1	1.8	1.8	2.1
Worcester.....	3.2	3.1	3.1	2.2	1.8	2.1	3.5	2.9	3.2	1.4	1.1	1.2	1.4	1.3	1.4
MINNESOTA.....	4.6	4.7	4.6	2.8	2.6	2.7	4.4	4.4	4.8	1.6	1.4	1.6	2.2	2.4	2.7
Duluth-Superior.....	4.1	3.7	3.5	2.2	1.8	1.8	4.0	3.5	6.2	1.2	.9	1.2	2.0	1.8	4.2
Minneapolis-St. Paul.....	4.1	4.2	4.1	2.5	2.2	2.2	4.0	3.9	4.4	1.4	1.2	1.5	1.8	1.9	2.3
MISSISSIPPI.....	5.0	4.8	4.2	3.5	3.0	2.8	4.8	4.7	4.7	2.0	1.6	1.8	2.2	2.5	2.4
Jackson.....	3.8	3.6	3.3	3.0	2.5	2.5	3.9	3.6	4.1	1.7	1.3	1.5	1.5	1.6	1.9
MISSOURI.....	3.8	3.7	3.5	2.4	2.0	2.2	3.8	3.7	4.0	1.5	1.2	1.5	1.8	2.0	2.0
Kansas City.....	4.0	4.1	3.8	2.7	2.5	2.5	3.9	3.8	4.4	1.6	1.3	1.5	1.7	1.9	2.3
St. Louis.....	3.2	-	-	1.8	-	-	3.2	-	-	1.0	-	-	1.7	-	-
MONTANA ⁴	5.1	3.9	-	3.8	2.7	-	4.8	4.1	-	2.1	1.5	-	1.6	1.7	-
NEBRASKA.....	5.1	4.7	-	3.6	3.3	-	5.3	4.6	-	2.3	2.0	-	2.2	2.0	-
NEVADA.....	5.6	5.0	5.4	5.1	4.1	4.7	5.7	5.4	5.6	3.2	2.7	3.6	1.5	1.7	1.5
NEW HAMPSHIRE.....	4.5	4.4	4.4	3.5	3.2	3.3	4.6	4.4	4.6	2.6	2.2	2.3	1.2	1.4	1.6
NEW MEXICO.....	5.5	5.1	5.2	4.3	4.1	4.3	5.0	5.8	6.0	2.5	2.6	2.8	1.3	2.0	2.1
Albuquerque.....	4.1	4.2	4.0	3.5	3.3	3.2	3.7	4.1	4.3	1.9	1.9	2.0	1.0	1.3	1.5
NEW YORK.....	4.2	4.3	4.1	2.5	2.3	2.3	4.6	4.5	4.6	1.2	1.1	1.2	2.6	2.7	2.8
Albany-Schenectady-Troy.....	2.7	2.8	2.6	1.4	1.0	1.0	2.8	2.8	3.2	.8	.6	.7	1.0	1.1	1.6
Binghamton.....	2.0	2.8	2.5	1.1	1.2	1.3	2.5	3.0	2.8	1.2	1.2	1.2	.3	.4	.4
Buffalo.....	3.3	3.3	2.9	1.2	1.0	1.4	3.4	3.3	3.6	.6	.5	.7	2.5	2.4	2.4
Elmira.....	3.1	3.4	3.6	1.3	1.4	1.7	3.1	4.2	4.2	.8	.8	1.0	1.7	2.8	2.5
Nassau and Suffolk Counties.....	3.8	3.4	2.9	2.9	2.4	2.1	3.7	3.5	3.2	1.6	1.3	1.3	1.4	1.5	1.3
New York City.....	5.3	5.4	5.2	3.2	3.0	3.0	5.9	5.9	5.9	1.3	1.2	1.3	3.7	3.8	3.7
Rochester.....	2.6	2.3	2.4	1.9	1.5	1.6	2.5	2.3	2.5	1.1	.9	1.0	1.0	1.0	1.2
Syracuse.....	2.5	3.2	2.7	1.4	1.5	1.4	2.5	2.9	3.4	1.1	1.0	1.1	.9	1.4	1.7
Utica-Rome.....	3.3	3.7	3.4	1.9	1.6	1.6	3.5	3.3	4.1	.9	.8	1.0	1.9	2.0	2.6
Westchester County.....	4.6	4.2	4.6	2.9	2.5	2.5	4.7	4.6	4.7	1.5	1.4	1.4	2.5	2.5	2.6
NORTH CAROLINA.....	3.6	3.1	3.2	2.8	2.3	2.4	3.5	3.1	3.3	1.9	1.5	1.6	1.0	1.0	1.2
Charlotte.....	3.0	3.2	3.1	2.6	2.7	2.6	3.2	3.1	3.1	2.0	1.9	1.8	.6	.7	.6
Greensboro-High Point.....	3.4	2.9	2.9	3.0	2.4	2.4	3.4	2.9	3.1	2.3	1.8	2.0	.4	.5	.6
NORTH DAKOTA.....	3.1	2.7	3.4	2.2	1.7	2.0	3.1	3.4	3.4	1.2	1.2	1.6	1.3	1.7	1.4
Fargo-Moorhead.....	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OKLAHOMA ⁷	4.0	3.9	4.0	2.8	2.5	2.9	4.1	3.9	4.7	1.9	1.5	1.7	1.6	1.8	2.4
Oklahoma City.....	4.7	4.4	5.8	3.4	2.8	4.1	4.3	4.0	5.4	2.1	1.7	2.4	1.5	1.7	2.3
Tulsa ⁷	3.8	3.8	3.1	2.6	2.6	2.4	3.9	3.7	4.4	1.7	1.5	1.5	1.7	1.6	2.3

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

Table SD-2: Labor turnover rates in manufacturing for selected States and areas--Continued

(Per 100 employees)

State and area	Accession rates						Separation rates								
	Total			New hires			Total			Quits			Layoffs		
	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960	1962	1961	1960
OREGON ¹	5.2	5.5	5.3	4.0	3.8	3.7	5.3	5.3	6.2	2.2	1.9	2.2	2.3	2.8	3.3
Portland ¹	4.5	4.7	4.5	3.3	3.2	2.9	4.6	4.7	5.0	1.5	1.3	1.5	2.5	2.9	3.0
RHODE ISLAND.....	5.2	5.9	5.5	3.3	3.3	3.2	5.7	5.8	6.2	2.3	2.0	2.1	2.6	3.0	3.4
Providence-Pawtucket.....	5.0	5.6	5.2	3.2	3.1	3.0	5.4	5.6	6.0	2.3	2.0	2.1	2.4	2.9	3.2
SOUTH CAROLINA ⁸	3.7	3.2	3.2	2.9	2.2	2.3	3.5	3.1	3.5	2.2	1.7	1.8	.7	.9	1.1
Charleston.....	5.7	5.0	6.0	3.5	3.1	3.4	6.0	4.6	6.6	2.2	1.8	2.2	2.7	2.0	3.4
SOUTH DAKOTA.....	5.6	5.3	5.3	3.6	3.6	3.0	5.5	5.1	5.7	1.9	1.8	2.0	3.1	2.8	3.3
Sioux Falls.....	4.5	4.8	5.0	1.7	2.3	1.7	4.5	4.6	5.2	1.4	1.7	1.5	2.7	2.6	3.4
TENNESSEE.....	3.1	3.2	3.0	1.9	1.8	1.8	2.9	3.1	3.3	1.1	1.0	1.2	1.3	1.6	1.7
Chattanooga ⁶	2.6	2.7	2.7	1.7	1.4	1.7	2.8	3.2	3.0	1.0	.9	1.2	1.3	1.8	1.3
Knoxville.....	1.8	1.7	1.8	1.1	.8	1.0	1.7	2.1	2.0	.8	.6	.7	.6	1.2	1.0
Memphis.....	3.9	4.0	3.5	2.4	2.8	2.2	3.6	3.6	3.7	1.2	1.0	1.2	1.7	2.0	1.9
Nashville.....	3.2	3.2	3.4	2.1	1.8	2.2	2.9	3.2	3.4	1.3	1.2	1.4	1.1	1.5	1.6
TEXAS ⁹	3.2	2.8	3.0	2.5	1.9	2.1	3.1	2.8	3.1	1.6	1.2	1.4	1.0	1.0	1.3
Dallas ⁹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fort Worth ⁹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Houston ⁹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
San Antonio ⁹	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VERMONT.....	3.0	3.0	2.8	2.1	2.0	1.8	2.9	2.9	3.3	1.4	1.2	1.4	1.0	1.3	1.4
Burlington.....	3.3	3.4	2.5	2.3	2.6	1.7	2.9	3.0	2.7	1.4	1.2	1.4	1.1	1.4	.9
Springfield.....	2.0	1.8	1.8	1.4	.7	1.0	1.6	2.0	2.4	.7	.5	.8	.5	1.2	1.1
VIRGINIA.....	3.7	3.7	3.2	2.6	2.5	2.1	3.5	3.2	3.4	1.7	1.4	1.3	1.2	1.4	1.5
Norfolk-Portsmouth.....	4.4	5.3	5.3	3.0	3.8	3.6	4.6	5.2	5.3	1.6	1.8	1.4	2.3	2.7	3.1
Richmond.....	3.4	3.2	3.2	2.6	2.3	2.1	3.4	3.0	3.4	1.5	1.3	1.3	1.1	1.0	1.4
Roanoke.....	3.5	2.6	-	2.6	1.8	-	3.2	2.4	-	1.6	1.1	-	.9	.7	-
WASHINGTON ¹	4.2	4.2	3.5	2.9	2.6	2.2	4.1	3.8	3.9	1.8	1.4	1.5	1.6	1.8	2.0
Seattle ¹	3.8	4.1	-	2.7	2.7	-	3.5	3.3	-	1.8	1.4	-	1.2	1.4	-
Spokane ¹⁰	4.4	4.5	-	2.2	1.8	-	4.5	5.4	-	1.0	1.0	-	2.9	3.5	-
Tacoma ¹	4.4	3.8	-	3.2	2.6	-	4.7	3.8	-	2.0	1.3	-	2.1	1.8	-
WEST VIRGINIA.....	2.9	3.3	2.5	1.2	1.2	.9	3.1	3.0	3.1	.7	.6	.6	1.9	1.8	2.0
Charleston.....	1.3	1.6	1.1	.8	.9	.7	1.8	1.5	1.5	.4	.5	.2	.9	.7	1.0
Huntington-Ashland.....	2.7	2.7	-	1.1	.9	-	3.1	2.4	-	.6	.4	-	2.2	1.6	-
Wheeling.....	3.0	3.1	3.0	.9	.7	.5	3.4	2.6	4.0	.5	.4	.5	2.3	1.7	2.8

¹Excludes canning and preserving.
²Excludes agricultural chemicals and miscellaneous manufacturing.
³Excludes canned fruits, vegetables, preserves, jams, and jellies.
⁴Excludes canning and preserving, and sugar.
⁵Excludes canning and preserving, and newspapers.
⁶Excludes printing and publishing.
⁷Excludes new-hire rate for transportation equipment.
⁸Excludes tobacco stemming and redrying.
⁹Excludes canning and preserving, sugar, and tobacco.
¹⁰Excludes canning and preserving, printing and publishing.
 SOURCE: Cooperating State agencies listed on inside back cover.

Technical Note

Additional information concerning the preparation of the labor force, employment, hours and earnings, and labor turnover series--concepts and scope, survey methods, and limitations--is contained in technical notes for each of these series, available from the Bureau of Labor Statistics free of charge. Use order blank on page 17-E.

INTRODUCTION

The statistics in this periodical are compiled from two major sources: (1) household interviews and (2) payroll reports from employers.

Data based on household interviews are obtained from a sample survey of the population. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides a comprehensive measure of the labor force, i.e., the total number of persons 14 years of age and over who are employed or unemployed. It also provides data on their personal and economic characteristics such as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The information is collected by trained interviewers from a sample of about 35,000 households throughout the country and is based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment payroll records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas.

The figures are based on payroll reports from a sample of establishments employing about 25 million nonfarm wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period ending nearest the 15th of the month.

Relation between the household and payroll series

The household and payroll data supplement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are readily obtained only from the household survey whereas detailed industrial classifications can be reliably derived only from establishment reports.

Data from these two sources differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The factors which have a differential effect on levels and trends of the two series are described as follows:

Employment

Coverage. The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the survey week in family-operated enterprises. Employment in both farm and nonfarm industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonfarm establishments.

Multiple jobholding. The household approach provides information on the work status of the population without duplication since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once, and are classified according to the job at which they worked the greatest number of hours during the survey week. In the figures based on establishment records, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week--that is, were not working or looking for work but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, whether or not they were paid by their employers for the time off. In the figures based on payroll reports, persons on paid sick leave, paid vacation, or paid holiday are included, but not those on leave without pay for the entire payroll period.

Hours of Work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by employers. In the household survey data, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours. In the payroll survey, employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

Comparability of the household interview data with other series

Unemployment insurance data. The unemployed total from the household survey includes all persons who did

not work at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, regardless of whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Bureau of Employment Security of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (agriculture, State and local government, domestic service, self-employed, unpaid family work, nonprofit organizations, and firms below a minimum size).

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation, but are classified as employed rather than unemployed in the household survey.

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 14 in the Agricultural Marketing Service (AMS) series and the treatment of dual jobholders who are counted more than once if they worked on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

Labor Force Data

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other economic characteristics of employed and unemployed persons, and related labor force data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). (A detailed description of this survey appears in Concepts and Methods Used in the Current Employment and Unemployment Statistics Prepared by the Bureau of the Census, U.S. Bureau of the Census, *Current Population Reports*, Series P-23, No. 5. This report is available from BLS on request.)

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population 14 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 14 years of age and over. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, ending nearest the 15th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 14 years of age are not covered in the regular monthly enumera-

Comparability of the payroll employment data with other series

Statistics on manufactures and business, Bureau of the Census. BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes contract construction, professional services, public utilities, and financial establishments, whereas these are included in BLS statistics.

County Business Patterns. Data in County Business Patterns, published jointly by the U.S. Departments of Commerce and Health, Education, and Welfare, differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and government, and coverage is incomplete for some of the nonprofit activities.

Employment covered by State unemployment insurance programs. Not all nonfarm wage and salary workers are covered by the unemployment insurance programs. All workers in certain activities, such as interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in 32 States. In general, these are establishments with less than four employees.

tions and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Until August 1962, the sample for CPS was spread over 333 areas. Between August 1962 and March 1963, the number of sample areas has been increased to 357, comprising 701 counties and independent cities, with coverage in 50 States and the District of Columbia. This revision takes account of the changes in population distribution and characteristics shown by the 1960 Census. The number of households remains unchanged at 35,000.

Completed interviews are obtained each month from about 35,000 households. There are about 1,500 additional sample households from which information should be collected but is not because the occupants are not found at home after repeated calls, are temporarily absent, or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. Part of the sample is changed each month. The rotation plan provides for approximately three-fourths of the sample to be common from one month to the next, and one-half to be common with the same month a year ago.

CONCEPTS

Employed Persons comprise (a) all those who during the survey week did any work at all either as paid employees, or in their own business or profession, or on their own farm, or who worked 15 hours or more as unpaid workers on a farm or in a business operated by a member of the family, and (b) all those who were not working or looking for work but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, or labor-management dispute, or because they were taking time off for various other reasons, whether or not they were paid by their employers for the time off.

Each employed person is counted only once. Those who held more than one job are counted in the job at which they worked the greatest number of hours during the survey week.

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an Embassy (e.g., Mexican migratory farm workers).

Excluded are persons whose only activity consisted of work around the house (such as own home housework, and painting or repairing own home) or volunteer work for religious, charitable, and similar organizations.

Unemployed Persons comprise all persons who did not work at all during the survey week and were looking for work, regardless of whether or not they were eligible for unemployment insurance. Also included as unemployed are those who did not work at all and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days (and were not in school during the survey week); or (c) would have been looking for work except that they were temporarily ill or believed no work was available in their line of work or in the community. Persons in this latter category will usually be residents of a community in which there are only a few dominant industries which were shut down during the survey week. *Not* included in this category are persons who say they were not looking for work because they were too old, too young, or handicapped in any way.

The Unemployment Rate represents the number unemployed as a percent of the civilian labor force, i.e., the sum of the employed and unemployed. This measure can also be computed for groups within the labor force classified by sex, age, marital status, color, etc. When applied to industry and occupation groups, the labor force base for the unemployment rate also represents the sum of the employed and the unemployed, the latter classified according to industry and occupation of their latest full-time civilian job.

Duration of Unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work or would have been looking for work except for temporary illness, or belief that no work was available in their line of work or in the community. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of

their most recent employment. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

The Civilian Labor Force comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

Not in Labor Force includes all civilians 14 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

Occupation, Industry, and Class of Worker apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1960 Census of Population. Information on the detailed categories included in these groups is available upon request.

The industrial classification system used in the Census of Population and the current Population Survey differs somewhat from that used by the BLS in its reports on employment, by industry. Employment levels by industry from the household survey, although useful for many analytical purposes, are not published in order to avoid public misunderstanding since they differ from the payroll series because of differences in classification, sampling variability, and other reasons. The industry figures from the household survey are used as a base for published distributions on hours of work, unemployment rates, and other characteristics of industry groups such as age, sex, and occupation.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of Work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Veterans Day holiday would be reported as working 32 hours even though he was paid for the holiday.

For persons working in more than one job, the figures relate to the number of hours worked in all jobs during the week. However, all the hours are credited to the major job.

Persons who worked 35 hours or more in the survey week are designated as working "full time"; persons who worked between 1 and 34 hours are designated as working "part time." Part-time workers are classified by their usual status at their present job (either full time or part time) and by their reason for working part time during the survey week (economic or other reasons). "Economic reasons" include: Slack work, material shortages, repairs to plant or equipment, start or termination of job during the week, and inability to find full-time work. "Other reasons" include: Labor dispute, bad weather, own illness, vacation, demands of home housework, school, no desire for full-time work and full-time worker only during peak season.

ESTIMATING METHODS

The estimating procedure is essentially one of using sample results to obtain percentages of the population in a given category. The published estimates are then obtained by multiplying these percentage distributions by independent estimates of the population. The principal steps involved are shown below. Under the estimation methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability for other reasons. This adjustment is made separately by groups of sample areas and, within these, for six groups--color (white and non-white) within the three residence categories (urban, rural nonfarm, and rural farm). The proportion of sample households not interviewed varies from 3 to 5 percent depending on weather, vacations, etc.

2. *Ratio estimates.* The distribution of the population selected for the sample may differ somewhat, by chance, from that of the Nation as a whole, in such characteristics as age, color, sex, and residence. Since these population characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

a. *First-stage ratio estimate.* This is the procedure in which the sample proportions are weighted by the known 1960 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1960 Census between the color-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample proportions are weighted by independent

current estimates of the population by age, sex, and color. These estimates are prepared by carrying forward the most recent census data (1960) to take account of subsequent aging of the population, mortality, and migration between the United States and other countries.

3. *Composite estimate procedure.* In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. This procedure reduces the sampling variability especially of month-to-month changes but also of the levels for most items.

Reliability of the Estimates

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures.

The standard error is a measure of sampling variability, that is, the variations that might occur by chance because only a sample of the population is surveyed. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 19 out of 20 that the difference would be less than twice the standard error.

Table A shows the average standard error for the major employment status categories, by sex, computed from data for past months. Estimates of change derived from the survey are also subject to sampling variability. The standard error of change for consecutive months is also shown in table A. The standard errors of level shown in table A are acceptable approximations of the standard errors of year-to-year change.

Table A. Average standard error of major employment status categories
(In thousands)

Employment status and sex	Average standard error of--	
	Monthly level	Month-to-month change (consecutive months only)
BOTH SEXES		
Labor force and total employment	250	180
Agriculture	200	120
Nonagricultural employment . . .	300	180
Unemployment	100	100
MALE		
Labor force and total employment	120	90
Agriculture	180	90
Nonagricultural employment . . .	200	120
Unemployment	75	90
FEMALE		
Labor force and total employment	180	150
Agriculture	75	55
Nonagricultural employment . . .	180	120
Unemployment	65	65

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

The standard error of the change in an item from one month to the next month is more closely related to the standard error of the monthly level for that item than to the size of the specific month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

Table B. Standard error of level of monthly estimates

(In thousands)

Size of estimate	Both sexes		Male		Female	
	Total or white	Non-white	Total or white	Non-white	Total or white	Non-white
10	5	5	7	5	5	5
50	11	10	14	10	10	10
100	15	14	20	14	14	14
250	24	21	31	21	22	21
500	34	30	43	30	31	30
1,000	48	40	60	40	45	40
2,500	75	50	90	50	70	50
5,000	100	50	110	...	100	...
10,000	140	...	140	...	130	...
20,000	180	...	150	...	170	...
30,000	210	...	...	...	...	...
40,000	220	...	...	...	...	...

Illustration: Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 160,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 160,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 160,000 as the

standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 135,000.

Table C. Standard error of estimates of month-to-month change

(In thousands)

Standard error of monthly level	Standard error of month-to-month change	
	Estimates relating to agricultural employment	All estimates except those relating to agricultural employment
10	14	12
25	35	26
50	70	48
100	100	90
150	110	130
200	250	160
250 .....	...	190
300 .....	...	220

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors for percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D.

Table D. Standard error of percentages

Base of percentages (thousands)	Estimated percentage								
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50
150 ...	1.0	1.4	2.2	3.0	3.5	4.0	4.2	4.7	4.9
250 ...	.8	1.1	1.7	2.3	2.8	3.1	3.4	3.7	3.9
500 ...	.6	.8	1.2	1.7	2.0	2.2	2.4	2.6	2.8
1,000 ..	.4	.5	.9	1.2	1.4	1.6	1.7	1.9	1.9
2,000 ..	.3	.4	.6	.8	1.0	1.1	1.2	1.3	1.4
3,000 ..	.2	.3	.5	.7	.8	.9	1.0	1.1	1.1
5,000 ..	.2	.2	.4	.5	.6	.7	.8	.8	.9
10,000 .	.1	.2	.3	.4	.4	.5	.5	.6	.6
25,000 .	.1	.1	.2	.2	.3	.3	.3	.4	.4
50,000 .	.1	.1	.1	.2	.2	.2	.2	.3	.3
75,000 .	.1	.1	.1	.1	.2	.2	.2	.2	.2

Establishment Data

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, and labor turnover in nonfarm establishments, by industry and geographic location.

Federal-State Cooperation

Under cooperative arrangements with State agencies, the respondent fills out only one employment or labor turnover schedule, which is then used for national, State, and area estimates. This eliminates duplicate reporting on the part of respondents and, together with the use of identical techniques at the national and State levels, insures maximum geographic comparability of estimates.

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare State and area series and then send the data to the BLS for use in preparing the national series.

Shuttle Schedules

Two types of data collection schedules are used: Form BLS 790—Confidential Report on Employment, Payrolls, and Hours; and Form DL 1219—Confidential Report on Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The schedule is returned to the respondent each month by the collecting agency so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

The BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of non-agricultural establishments and, for most industries, payroll and man-hours of production and related workers or nonsupervisory workers for the pay period ending nearest the 15th of each month. The labor turnover schedule provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

CONCEPTS

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 on an industry class supplement to the monthly 790 or 1219 report. In the case of an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the most important product or activity.

All national, State, and area employment, hours, earnings, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1957. Since many of the published industry series represent combinations of SIC industries, the BLS has prepared a *Guide to Employment Statistics of BLS, 1961* which specifies the SIC code or codes covered by each industry title listed in *Employment and Earnings*. In addition, the *Guide* provides industry definitions and lists the beginning date of each series. The *Guide* is available free upon request.

Industry Employment

Employment data for all except the Federal Government refer to persons on establishment payrolls who received pay for any part of the pay period ending nearest the 15th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; Federal military personnel are excluded from total nonagricultural employment.

Persons on an establishment payroll who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period, or who are hired but do not report to work during the period.

Industry Hours and Earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers, construction workers, or nonsupervisory employees. These terms are defined below. When the pay period reported is longer than 1 week, the figures are reduced to a weekly basis.

Production and related workers include working foremen and all nonsupervisory workers (including leadmen and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and watchman services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

Construction workers relate to the following employees in the contract construction division: Working foremen, journeymen, mechanics, apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include 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 covers the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period ending nearest the 15th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in pay period reported (e.g., retroactive pay), and the value of free rent, fuel, meals, or other payment in kind are excluded.

Man-hours cover man-hours worked or paid for, during the pay period ending nearest the 15th of the month, for production, construction, and nonsupervisory workers. The man-hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

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

Gross Average Hourly and Weekly Earnings

Average hourly earnings for manufacturing and non-manufacturing industries are on a "gross" basis, reflecting 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 plan. Shifts in the volume of employment 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 are the actual return to the worker for a stated period of time, while rates are the amounts stipulated for a given unit of work or time. The earnings series, however, 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 derived by multiplying average weekly hours by average hourly earnings. Therefore, 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 the average hours for which pay was received, and is different from standard or scheduled hours. 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 establishment. Group averages further reflect changes in the workweek of component industries.

Average Overtime Hours

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

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

Railroad Hours and Earnings

The figures for class I railroads (excluding switching and terminal companies) are based on 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.

Spendable Average Weekly Earnings

Spendable average weekly earnings in current dollars are obtained by deducting estimated 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, spendable earnings are computed for a worker with no dependents, and a worker with three dependents. The computations are based on the gross average weekly earnings for all production or nonsupervisory workers in the industry division without regard to marital status, family composition, or total family income.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. The resulting level of earnings expressed in 1957-59 dollars is thus adjusted for changes in purchasing power since the base period.

Average Hourly Earnings Excluding Overtime

Average hourly earnings excluding premium overtime pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker man-hours and one-half of total overtime man-hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-540). Both methods eliminate only the earnings due to overtime paid for at 1½ times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

Indexes of Aggregate Weekly Payrolls and Man-Hours

The indexes of aggregate weekly payrolls and man-hours are prepared by dividing the current month's aggregate by the monthly average for the 1957-59 period. The man-hour aggregates are the product of average weekly hours and production-worker employment, and the payroll aggregates are the product of gross average weekly earnings and production-worker employment.

Labor Turnover

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided 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. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. Transfers to another establishment of the company are included, beginning with January 1959.

Accessions are the total number of permanent and temporary additions to the employment roll, including both new and rehired employees.

New hires are temporary or permanent additions to the employment roll of persons who have never before been employed in the establishment (except employees transferring from another establishment of the same company) or of former employees not recalled by the employer.

Other accessions, which are not published separately but are included in total accessions, are all additions to the employment roll which are not classified as new hires, including transfers from another establishment of the company.

Separations are terminations of employment during the calendar month and are classified according to cause: Quits, layoffs, and other separations, as defined as follows:

Quits are terminations of employment initiated by employees, failure to report after being hired, and unauthorized absences, if on the last day of the month the person has been absent more than 7 consecutive calendar days.

Layoffs are suspensions without pay lasting or expected to last more than 7 consecutive calendar days, initiated by the employer without prejudice to the worker.

Other separations, which are not published separately but are included in total separations, are terminations of employment because of discharge, permanent disability, death, retirement, transfers to another establishment of the company, and entrance into the Armed Forces for a period expected to last more than 30 consecutive calendar days.

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 refer to the pay period ending nearest the 15th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the report period.

ESTIMATING METHODS

The principal features of the estimating procedure used to prepare estimates of employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of a modified cutoff type of sample.

The "Link Relative" Technique

From a sample of establishments, which report for both the previous and current months, the ratio of current month employment to that of the previous month is computed. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." Other features of the general procedures used for estimating industry employment, hours, earnings, and labor turnover statistics are described in the table on page 12-E. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Nonagricultural Industries* and on *Measurement of Labor Turnover*, which are available upon request.

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or nonsupervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods on page 12-E, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

Benchmark Adjustments

Employment estimates are periodically compared with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1962 levels; normally, benchmark adjustments are made annually.

The primary source of benchmark information is the employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations, covering three-fourths of the total nonfarm employment in the United States, are prepared under the direction of the Bureau of Employment Security. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, 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.

Data for all months between the previous benchmark and the month in which the adjusted series is published are therefore subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics. The current volume in this series is *Employment and Earnings Statistics for the United States, 1909-62*, Bulletin 1312-1 (1963), and contains monthly statistics from the earliest date of availability through May 1963.

THE SAMPLE

Design

The sample design used in the BLS establishment employment and labor turnover statistics programs is that of a modified cutoff sample. In a cutoff design, all establishments in a category are listed in sequence by number of employees. A cutoff point is selected in terms of the number of employees in an establishment, and only establishments above the cutoff point are included in the design. At present, sample selection is made by the cooperating State agencies at the area level with supplementation for establishments in sections of the State lying outside of the defined areas. The national sample therefore is then the sum of all the State samples.

In cutoff sampling, the general objective is to obtain a sample comprising a large enough proportion of universe employment so that satisfactory estimates can be prepared. Since employer participation in the BLS programs is voluntary, some establishments above the cutoff may decline to report. To replace these in the design, reports are solicited from the next largest establishments below the cutoff until the desired employment

coverage is attained. In addition, to meet the needs of preparing estimates of weekly hours and hourly earnings, procedures were introduced to secure representation of the smaller establishments in each industry. Because of this procedure, and also because sampling takes place primarily at the level of the metropolitan areas, which vary greatly in size, the sample includes a considerable number of small establishments, together with a very substantial proportion of the larger establishments in American industry.

In the context of the BLS employment and labor turnover statistics program, with their emphasis on producing timely data at minimum cost, a sample must be obtained which will provide coverage of a sufficiently large segment of the universe to provide reasonably reliable estimates that can be published promptly and regularly. The present sample meets these specifications for most industries. With its use, the BLS is able to produce preliminary estimates each month for many industries and for many geographic levels within a few weeks after reports are mailed by respondents, and at a somewhat later date, statistics in considerably greater industrial detail. The tendency of such a sample to produce biased estimates of the level of earnings for certain industries is counteracted by the stratified estimating procedure described under "Estimating Methods."

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. The table that follows 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, March 1962¹

Industry division	Employees	
	Number reported	Percent of total
Mining	301,000	47
Contract construction	581,000	23
Manufacturing	10,767,000	65
Transportation and public utilities:		
Railroad transportation (ICC)	775,000	97
Other transportation and public utilities	1,622,000	53
Wholesale and retail trade	2,212,000	20
Finance, insurance and real estate	983,000	36
Service and miscellaneous	1,362,000	18
Government:		
Federal (Civil Service Commission) ²	2,294,000	100
State and local	3,414,000	50

¹Since a few establishments do not report payroll and man-hour information, hours and earnings estimates may be based on a slightly smaller sample than employment estimates.

²State and area estimates of Federal employment are based on reports from a sample of Federal establishments, collected through the BLS-State cooperative program.

The table below shows the approximate coverage, in terms of employment, of the labor turnover sample.

Approximate size and coverage of BLS labor turnover sample, March 1962

Industry	Employees	
	Number reported	Percent of total
Manufacturing	8,492,000	51
Metal mining	58,000	68
Coal mining	59,000	37
Communication:		
Telephone	563,000	82
Telegraph	27,000	72

Reliability of the Employment Estimate

One measure of the reliability of an employment estimate projected from a benchmark is the amount by which it differs from the new benchmark at the next adjustment period. The BLS uses this criterion instead of the standard error of the estimates, since it is not possible to compute a mathematically precise statement of error unless the estimates are based on a probability sample. An approximation of the accuracy of the BLS employment estimates is shown by the following table:

Nonagricultural payroll employment estimates, by industry division, as a percentage of the benchmark for recent years

Industry division	1959 ¹	1961	1962
Total	99.4	100.0	99.3
Mining	96.2	99.4	99.2
Contract construction	95.1	99.9	93.9
Manufacturing	99.1	99.7	99.4
Transportation and public utilities	100.2	100.7	100.4
Wholesale and retail trade	100.8	100.5	100.1
Finance, insurance, and real estate	98.8	101.0	99.9
Service and miscellaneous	98.5	99.4	98.0
Government	100.0	100.0	100.0

¹Excludes adjustment caused by revision to 1957 SIC and by categories of employees not previously included in estimates.

For some detailed industries, the relative size of the correction to benchmarks is somewhat greater than is indicated for the major industry divisions in the preceding table.

The high degree of reliability of BLS estimates is due to the relatively large percentage of the employment universe covered by the sample, the frequent adjustments of employment estimates to benchmark levels, and the use of special techniques, such as stratification by size and/or region.

Differences between the benchmarks and the estimates, as well as the sampling and response errors, result from changes in the industrial classification of individual establishments (resulting from changes in their product), which are not reflected in the levels of estimates until the data are adjusted to new benchmarks. At more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments; however, it becomes of less importance at broader aggregations of industries. Another cause of differences, generally minor, between the estimates and the benchmark arises from improvements in the quality of benchmark data.

For the most recent months, national estimates of employment, hours, and earnings are preliminary, and are so footnoted in the tables. These particular figures are based on less than the full sample and consequently are subject to revisions when all the reports in the sample have been received. Studies of these revisions of preliminary estimates in the past indicate that they have been relatively small (and most frequently upward) for employment, and even smaller for hours and earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas, as defined in the Annual Supplement Issue of *Employment and Earnings*. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

Users of State and area employment, hours, and earnings statistics may be interested in *Employment and Earnings Statistics for States and Areas, 1939-62*, BLS Bulletin 1370. For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented from the earliest date of availability of each series through 1962.

Seasonal Adjustment

Many economic statistics reflect a regularly recurring seasonal movement which can be estimated on the basis of past experience. By eliminating that part of the change which can be ascribed to usual seasonal variation, it is possible to observe the cyclical and other nonseasonal movements in the series. However, in evaluating deviations from the seasonal pattern—that is, changes in a seasonally adjusted series—it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, since they are subject not only to sampling and other errors but, in addition, are affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment data are published regularly in *Employment and Earnings*.

The seasonal adjustment method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description and illustration of the basic method was published in the August 1960 *Monthly Labor Review*, and a revised version is described in the 1962 Report of the President's Committee to Appraise Employment and Unemployment Statistics, *Measuring Employment and Unemployment*, Appendix G, "The Bureau of Labor Statistics Seasonal Factor Method."

For establishment data, the seasonally adjusted series on weekly hours and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series, but seasonally adjusted employment totals for all employees and production workers by industry divisions are obtained by summing the seasonally adjusted data which are published for component industries. Seasonally adjusted aggregate weekly man-hours for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted. For total, manufacturing, and

durable and nondurable goods, aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Post Office Department in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Post Office Department. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based. Factors currently in use for the establishment data are shown in the September 1963 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

For each of the three major labor force components—agricultural and nonagricultural employment, and unemployment—data for four age-sex groups (male and female workers under age 20, and age 20 and over) are separately adjusted for seasonal variation and are then added to give seasonally adjusted total figures. In order to produce seasonally adjusted total employment and civilian labor force data, the appropriate series are aggregated. The seasonally adjusted rate of unemployment is derived by dividing the seasonally adjusted figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the seasonally adjusted civilian labor force (the sum of twelve seasonally adjusted age-sex components).

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1962 are published in the March 1963 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

**Summary of Methods for Computing Industry Statistics
on Employment, Hours, Earnings, and Labor Turnover**

Item	Basic estimating cells (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
Monthly Data		
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers; women employees .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production-or nonsupervisory-worker estimates, or women estimates, for component cells.
Gross average weekly hours	Production- or nonsupervisory-worker man-hours divided by number of production or nonsupervisory workers.	Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production-worker overtime man-hours divided by number of production workers.	Average, weighted by production-worker employment, of the average weekly overtime hours for component cells.
Gross average hourly earnings	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 cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates (total, men, and women) .	The number of particular actions (e.g., quits) in reporting firms divided by total employment in those firms. The result is multiplied by 100. For men (or women), the number of men (women) who quit is divided by the total number of men (women) employed.	Average, weighted by employment, of the rates for component cells.
Annual Average Data		
All employees and production or nonsupervisory workers .	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

Area Definitions

ALABAMA

Birmingham.....Jefferson County
 Mobile.....Mobile County

ARIZONA

Phoenix.....Maricopa County
 Tucson.....Pima County

ARKANSAS

Fayetteville.....Washington County
 Fort Smith.....Sebastian County
 Little Rock-
 N. Little Rock.....Pulaski County
 Pine Bluff.....Jefferson County

CALIFORNIA

Bakersfield.....Kern County
 Fresno.....Fresno County
 Los Angeles-
 Long Beach.....Los Angeles and Orange Counties
 Sacramento.....Sacramento County
 San Bernardino-
 Riverside-Ontario....San Bernardino and Riverside Counties
 San Diego.....San Diego County
 San Francisco-
 Oakland.....Alameda, Contra Costa, Marin,
 San Francisco, San Mateo, and
 Solano Counties
 San Jose.....Santa Clara County
 Stockton.....San Joaquin County

COLORADO

Denver.....Adams, Arapahoe, Boulder, Denver,
 and Jefferson Counties

CONNECTICUT

Bridgeport.....Bridgeport and Shelton cities, and
 Easton, Fairfield, Monroe,
 Stratford and Trumbull towns in
 Fairfield County; Milford town in
 New Haven County

 Hartford.....Hartford city, and Avon, Bloomfield,
 Bolton, Canton, East Granby, East
 Hartford, East Windsor, Enfield,
 Farmington, Glastonbury, Granby,
 Manchester, Newington, Rocky Hill,
 Simsbury, South Windsor, Suffield,
 West Hartford, Wethersfield, Windsor,
 and Windsor Locks towns in Hartford
 County; Ellington, Somers, Stafford,
 Tolland, and Vernon towns in Tolland
 County.
 New Britain.....New Britain city, and Berlin and
 Plainville towns in Hartford County
 New Haven.....New Haven city, and Bethany,
 Branford, East Haven, Guilford,
 Hamden, Madison, North Branford,
 North Haven, Orange, West Haven, and
 Woodbridge towns in New Haven County
 Stamford.....Stamford city, and Darien, Greenwich,
 and New Canaan towns in Fairfield
 County.
 Waterbury.....Waterbury city, Naugatuck borough,
 Beacon Falls, Cheshire, Middlebury,
 Prospect, Southbury, and Wolcott
 towns in New Haven County; Bethlehem,
 Thomaston, Watertown, and Woodbury
 towns in Litchfield County

DELAWARE

Wilmington.....New Castle County, Del.; Salem
 County, N.J.

DISTRICT OF COLUMBIA

Washington.....District of Columbia; Alexandria and
 Falls Church cities, and Arlington
 and Fairfax Counties, Va.; Montgomery
 and Prince Georges Counties, Md.

FLORIDA

Jacksonville.....Duval County
 Miami.....Dade County
 Tampa-
 St. Petersburg.....Hillsborough and Pinellas Counties

GEORGIA

Atlanta.....Clayton, Cobb, DeKalb, Fulton, and
 Gwinnett Counties
 Savannah.....Chatham County

HAWAII

Honolulu.....Honolulu County

IDAHO

Boise.....Ada County

ILLINOIS

Chicago.....Cook, DuPage, Kane, Lake, McHenry, and
 Will Counties

INDIANA

Evansville.....Vanderburgh County, Ind.; Henderson
 County, Ky.
 Fort Wayne.....Allen County
 Indianapolis.....Marion County
 South Bend.....St. Joseph County

IOWA

Des Moines.....Polk County

KANSAS

Topeka.....Shawnee County
 Wichita.....Sedgwick County

KENTUCKY

Louisville.....Jefferson County, Ky.; Clark and
 Floyd Counties, Ind.

LOUISIANA

Baton Rouge.....East Baton Rouge Parish
 New Orleans.....Jefferson, Orleans, and
 St. Bernard Parishes
 Shreveport.....Bossier and Caddo Parishes

MAINE

Lewiston-Auburn.....Auburn and Lewiston cities, and
 Lisbon town in Androscoggin
 County
 Portland.....Portland, South Portland, and
 Westbrook cities, and Cape
 Elizabeth and Falmouth towns in
 Cumberland County

MARYLAND

Baltimore.....Baltimore city, and Anne Arundel,
 Baltimore, Carroll, and Howard
 Counties

MASSACHUSETTS

Boston.....Suffolk County; Cambridge,
 Everett, Malden, Medford,
 Melrose, Newton, Somerville,
 Waltham, and Woburn cities, and
 Arlington, Ashland, Bedford,
 Belmont, Burlington, Concord,
 Framingham, Lexington, Lincoln,
 Natick, North Reading, Reading,
 Stoneham, Sudbury, Wakefield,
 Watertown, Wayland, Weston,
 Wilmington, and Winchester towns in
 Middlesex County; Beverly, Lynn,
 Peabody, and Salem cities, and
 Danvers, Hamilton, Lynnfield,
 Manchester, Marblehead, Middleton,
 Nahant, Saugus, Swampscott,
 Topsfield, and Wenham towns in

Continued

Boston--Continued.... Essex County; Quincy city, and Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Holbrook, Medfield, Milton, Needham, Norfolk, Norwood, Randolph, Sharon, Walpole, Wellesley, Westwood, and Weymouth towns in Norfolk County; Duxbury, Hanover, Hingham, Hull, Marshfield, Norwell, Pembroke, Rockland, and Scituate towns in Plymouth County

Fall River.....Fall River city, and Somerset, Swansea, and Westport towns in Bristol County, Mass.; Tiverton town in Newport County, R.I.

New Bedford.....New Bedford city, and Acushnet, Dartmouth and Fairhaven towns in Bristol County; Marion, and Mattapoisett towns in Plymouth County

Springfield-Chicopee-
Holyoke.....Chicopee, Holyoke, Springfield, and Westfield cities, and Agawam, East Longmeadow, Longmeadow, Ludlow, Monson, Palmer, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Easthampton, Hadley, and South Hadley towns in Hampshire County; Warren town in Worcester County

Worcester.....Worcester city, and Auburn, Berlin, Boylston, Brookfield, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oxford, Shrewsbury, Spencer, Sutton, Upton, Westborough, and West Boylston towns in Worcester County

MICHIGAN
Detroit.....Macomb, Oakland, and Wayne Counties
Flint.....Genesee County
Grand Rapids.....Kent County
Lansing.....Clinton, Eaton, and Ingham Counties
Muskegon-
Muskegon Heights.....Muskegon County
Saginaw.....Saginaw County

MINNESOTA
Duluth.....Duluth city, Minnesota
Duluth-Superior.....Duluth city, Minn.; Douglas County, Wis.
Minneapolis-
St. Paul.....Anoka, Dakota, Hennepin, Ramsey, and Washington Counties

MISSISSIPPI
Jackson.....Hinds and Rankin Counties
(formerly limited to Hinds County and Beats 1 and 2 of Rankin County)

MISSOURI
Kansas City.....Johnson and Wyandotte Counties, Kans.; Clay and Jackson Counties, Mo.
St. Louis.....St. Louis city, and Jefferson, St. Charles, and St. Louis Counties, Mo.; Madison and St. Clair Counties, Ill.

MONTANA
Billings.....Yellowstone County
Great Falls.....Cascade County

NEBRASKA
Omaha.....Douglas and Sarpy Counties, Nebr.; Pottawattamie County, Iowa

NEVADA
Reno.....Washoe County

NEW HAMPSHIRE
Manchester.....Manchester city, and Goffstown town in Hillsborough County

NEW JERSEY
Jersey City.....Hudson County
Newark.....Essex, Morris, and Union Counties

NEW JERSEY--Continued
Paterson-Clifton-
Passaic.....Bergen and Passaic Counties
Perth Amboy.....Middlesex and Somerset Counties
Trenton.....Mercer County

NEW MEXICO
Albuquerque.....Bernalillo County

NEW YORK
Albany-Schenectady-
Troy.....Albany, Rensselaer, Saratoga, and Schenectady Counties
Binghamton.....Broome County
Buffalo.....Erie and Niagara Counties
Elmira.....Chemung County
Nassau and Suffolk
Counties.....Nassau and Suffolk Counties
New York-
Northeastern
New Jersey.....New York City (Bronx, Kings, New York, Queens, and Richmond Counties), and Nassau, Rockland, Suffolk and Westchester Counties, N.Y.; Bergen, Essex, Hudson, Middlesex, Morris, Passaic, Somerset, and Union Counties, N.J.
New York City.....Bronx, New York, Kings, Queens, and Richmond Counties
Rochester.....Monroe County
Syracuse.....Madison, Onondaga, and Oswego Counties
Utica-Rome.....Herkimer and Oneida Counties
Westchester
County.....Westchester County

NORTH CAROLINA
Charlotte.....Mecklenburg County
Greensboro-
High Point.....Guilford County
Winston-Salem.....Forsyth County

NORTH DAKOTA
 Fargo-Moorhead.....Cass County, N.D.; and Clay County, Minn. (formerly excluded Clay County)

OHIO
Akron.....Summit County
Canton.....Stark County
Cincinnati.....Hamilton County, Ohio; Campbell and Kenton Counties, Ky.
Cleveland.....Cuyahoga and Lake Counties
Columbus.....Franklin County
Dayton.....Greene, Miami, and Montgomery Counties
Toledo.....Lucas County
Youngstown-Warren.....Mahoning and Trumbull Counties

OKLAHOMA
Oklahoma City.....Canadian, Cleveland, and Oklahoma Counties
Tulsa.....Creek, Osage, and Tulsa Counties

OREGON
Portland.....Clackamas, Multnomah, and Washington Counties, Oreg.; Clark County, Wash.

PENNSYLVANIA
Allentown-Bethlehem-
Easton.....Lehigh and Northampton Counties, Pa.; Warren County, N.J.
Altoona.....Blair County
Erie.....Erie County
Harrisburg.....Cumberland and Dauphin Counties
Johnstown.....Cambria and Somerset Counties
Lancaster.....Lancaster County
Philadelphia.....Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa.; Burlington, Camden, and Gloucester Counties, N.J.
Pittsburgh.....Allegheny, Beaver, Washington, and Westmoreland Counties
Reading.....Berks County
Scranton.....Lackawanna County

Continued

PENNSYLVANIA--Continued

Wilkes-Barre-
Hazleton.....Luzerne County
York.....York County

RHODE ISLAND

Providence-Pawtucket..Central Falls, Cranston, East Providence, Pawtucket, Providence and Woonsocket cities, and Burrillville, Cumberland, Glocester, Johnston, Lincoln, North Providence, North Smithfield, and Smithfield towns, in Providence County; Narragansett, North Kingstown, and South Kingstown towns in Washington County; Warwick city, and Coventry, East Greenwich, and West Warwick towns in Kent County; Jamestown town in Newport County; all of Bristol County, R.I.: Attleboro city, and North Attleboro and Seekonk town in Bristol County; Bellingham, Franklin, Plainville, and Wrentham towns in Norfolk County; Blackstone and Millville town in Worcester County, Mass.

SOUTH CAROLINA

Charleston.....Charleston County
Columbia.....Lexington and Richland Counties
Greenville.....Greenville County

SOUTH DAKOTA

Sioux Falls.....Minnehaha County

TENNESSEE

Chattanooga.....Hamilton County, Tenn.; Walker County, Ga.
Knoxville.....Anderson, Blount, and Knox Counties; portion of Oak Ridge in Roane County
Memphis.....Shelby County
Nashville.....Davidson County

TEXAS

Dallas.....Collin, Dallas, Denton, and Ellis Counties
Fort Worth.....Johnson and Tarrant Counties
Houston.....Harris County
San Antonio.....Bexar County

UTAH

Salt Lake City.....Bountiful, Centerville, Farmington, North Salt Lake, South Bountiful, and West Bountiful precincts in South Davis County; Salt Lake County

VERMONT

Burlington.....Chittenden County; Grand Isle and South Hero towns in Grand Isle County
Springfield.....Athens, Grafton, Londonderry, Rockingham (includes Bellows Falls), Westminster, and Windham towns in Windham County; Andover, Baltimore, Cavendish, Chester, Ludlow, Reading, Springfield, Weathersfield, Weston, West Windsor, and Windsor towns in Windsor County

VIRGINIA

Norfolk-Portsmouth....Norfolk and Princess Anne Counties; Norfolk, Portsmouth, South Norfolk, and Virginia Beach cities
Richmond.....Richmond city, and Chesterfield and Henrico Counties
Roanoke.....Roanoke city and Roanoke County

WASHINGTON

Seattle.....King and Snohomish Counties
Spokane.....Spokane County
Tacoma.....Pierce County

WEST VIRGINIA

Charleston.....Kanawha County
Huntington-Ashland....Cabell and Wayne Counties, W. Va.; Boyd County, Ky.; Lawrence County, Ohio
Wheeling.....Marshall and Ohio Counties, W. Va.; Belmont County, Ohio

WISCONSIN

Green Bay.....Brown County
Kenosha.....Kenosha County
La Crosse.....La Crosse County (employment)
La Crosse city (hours and earnings)
Madison.....Dare County
Milwaukee.....Milwaukee and Waukesha Counties
Racine.....Racine County

WYOMING

Casper.....Natrona County
Cheyenne.....Laramie County

UNITED STATES DEPARTMENT OF LABOR

Bureau of Labor Statistics

Regional Offices

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BLS Regional Director
18 Oliver Street
Boston, Mass. 02110

U. S. DEPARTMENT OF LABOR
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1371 Peachtree Street, N. E.
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BLS Regional Director
105 West Adams Street
Chicago, Ill. 60603

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BLS Regional Director
341 Ninth Avenue
New York, N. Y. 10001

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BLS Regional Director
1365 Ontario Street
Cleveland, Ohio 44114

U. S. DEPARTMENT OF LABOR
BLS Regional Director
630 Sansome Street
San Francisco, Calif. 94111

COOPERATING STATE AGENCIES

Employment and Labor Turnover Statistics Programs

ALABAMA -Department of Industrial Relations, Montgomery 36104
ALASKA -Employment Security Division, Department of Labor, Juneau 99801
ARIZONA -Unemployment Compensation Division, Employment Security Commission, Phoenix 85005
ARKANSAS -Employment Security Division, Department of Labor, Little Rock 72203
CALIFORNIA -Division of Labor Statistics and Research, Department of Industrial Relations,
San Francisco 94101 (Employment). Research and Statistics, Department of Employment,
Sacramento 95814 (Turnover).
COLORADO -U. S. Bureau of Labor Statistics, Denver 80202 (Employment). Department of Employment,
Denver 80203 (Turnover).
CONNECTICUT -Employment Security Division, Department of Labor, Wethersfield 06109
DELAWARE -Employment Security Commission, Wilmington 19801
DISTRICT OF COLUMBIA -U. S. Employment Service for D. C., Washington 20212
FLORIDA -Industrial Commission, Tallahassee 32304
GEORGIA -Employment Security Agency, Department of Labor, Atlanta 30303
HAWAII -Department of Labor and Industrial Relations, Honolulu 96813
IDAHO -Employment Security Agency, Boise 83701
ILLINOIS* -Division of Unemployment Compensation and State Employment Service,
Department of Labor, Chicago 60606
INDIANA -Employment Security Division, Indianapolis 46204
IOWA -Employment Security Commission, Des Moines 50319
KANSAS -Employment Security Division, Department of Labor, Topeka 66603
KENTUCKY -Bureau of Employment Security, Department of Economic Security, Frankfort 40601
LOUISIANA -Division of Employment Security, Department of Labor, Baton Rouge 70804
MAINE -Employment Security Commission, Augusta 04330
MARYLAND -Department of Employment Security, Baltimore 21201
MASSACHUSETTS -Division of Statistics, Department of Labor and Industries, Boston 02108 (Employment).
Research and Statistics, Division of Employment Security, Boston 02215 (Turnover).
MICHIGAN -Employment Security Commission, Detroit 48202
MINNESOTA -Department of Employment Security, St. Paul 55101
MISSISSIPPI -Employment Security Commission, Jackson 39205
MISSOURI -Division of Employment Security, Jefferson City 65102
MONTANA -Unemployment Compensation Commission, Helena 59601
NEBRASKA -Division of Employment, Department of Labor, Lincoln 68501
NEVADA -Employment Security Department, Carson City 89701
NEW HAMPSHIRE -Department of Employment Security, Concord 03301
NEW JERSEY -Department of Labor and Industry: Bureau of Statistics and Records (Employment);
Division of Employment Security (Turnover), Trenton 08625
NEW MEXICO -Employment Security Commission, Albuquerque 87103
NEW YORK -Research and Statistics Office, Division of Employment, State Department of Labor,
370 Seventh Avenue, New York 10001
NORTH CAROLINA -Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of
Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
NORTH DAKOTA -Unemployment Compensation Division, Workmen's Compensation Bureau, Bismarck 58502
OHIO -Division of Research and Statistics, Bureau of Unemployment Compensation, Columbus 43216
OKLAHOMA -Employment Security Commission, Oklahoma City 73105
OREGON -Department of Employment, Salem 97310
PENNSYLVANIA -Bureau of Employment Security, Department of Labor and Industry, Harrisburg 17121
RHODE ISLAND -Division of Statistics and Census, Department of Labor, Providence 02903 (Employment).
Department of Employment Security, Providence 02903 (Turnover).
SOUTH CAROLINA -Employment Security Commission, Columbia 29202
SOUTH DAKOTA -Employment Security Department, Aberdeen 57401
TENNESSEE -Department of Employment Security, Nashville 37219
TEXAS -Employment Commission, Austin 78701
UTAH -Department of Employment Security, Industrial Commission, Salt Lake City 84110
VERMONT -Department of Employment Security, Montpelier 05602
VIRGINIA -Division of Research and Statistics, Department of Labor and Industry,
Richmond 23214 (Employment). Employment Commission, Richmond 23211 (Turnover).
WASHINGTON -Employment Security Department, Olympia 98501
WEST VIRGINIA -Department of Employment Security, Charleston 25305
WISCONSIN -Unemployment Compensation Department, Industrial Commission, Madison 53701
WYOMING -Employment Security Commission, Casper 82602

*Employment statistics program only.