

# EMPLOYMENT AND EARNINGS

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## Editors' Note

Beginning with this issue, all national employment series in the establishment survey have been adjusted to March 1971 benchmarks. Hours, earnings, job vacancies, and labor turnover data may also have been revised if there were any sizeable changes in the employment weights. The article, "BLS Establishment Estimates Revised to March 1971 Benchmark Levels" (pages 5-15), contains a detailed discussion of these revisions. New seasonal factors for current adjustment may be found on pages 160-162. Data in table C-10 have not yet been adjusted to reflect the effects of the new benchmarks.

The historical compendium, *Employment and Earnings, United States, 1909-72*, BLS Bulletin 1312-9 to be released later will contain historical data adjusted to March 1971 benchmarks.

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CALENDAR OF FEATURES										
In addition to the monthly data appearing regularly in <i>Employment and Earnings</i> , special features appear in most of the issues, as shown below:										
	Jan.	Feb.	Mar.	Apr.	May	July	Aug.	Sept.	Oct.	Nov.
<b>Household data</b>										
Annual averages	x									
Revised seasonally adjusted series and current seasonal factors		x								
<b>Quarterly averages:</b>										
Seasonally adjusted data										
Persons not in labor force	x			x		x			x	
Vietnam Era war veterans										
<b>Establishment data</b>										
National annual averages:										
Industry divisions (preliminary)	x									
Industry detail (final)			x							
Women employment (National)		x			x		x			x
National data adjusted to new benchmarks									(1)	
Revised seasonally adjusted series and current seasonal factors									(1)	
State and area annual averages					x					
Area definitions					x					

<sup>1</sup> The issue that introduces the establishment data adjusted to new benchmarks varies. The October 1972 issue marks the introduction of March 1971 benchmarks.

## Employment and Unemployment Developments, September 1972

Employment continued to rise in September, while unemployment was essentially unchanged. The Nation's unemployment rate stood at 5.5 percent in September, about the same as in the previous 3 months but below the 6-percent mark around which it had fluctuated between late 1970 and May 1972.

Total employment advanced 250,000 on a seasonally adjusted basis between August and September, continuing the expansion evident since mid-1971. Non-agricultural payroll employment posted a gain of similar magnitude in September.

### Unemployment

The number of unemployed persons totaled 4.7 million in September, down 200,000 from August. This decline was about in line with the usual August-to-September change, and, after seasonal adjustment, the level of unemployment was essentially unchanged, as was the overall jobless rate of 5.5 percent.

Unemployment rates for the major age-sex-color groups—adult men (3.8 percent), adult women (5.4 percent), teenagers (16.5 percent), whites (5.0 percent), and Negroes (10.2 percent)—also were basically unchanged from August. The jobless rate for household heads (3.3 percent) was unchanged for the second consecutive month, whereas the rate for married men edged up from 2.6 to 2.8 percent between August and September. For full- and part-time workers, unemployment rates were also unchanged over the month. With the exception of the rates for teenagers, Negroes, and part-time workers, the jobless rates for all of the above groups were lower in September than a year earlier.

There were also few salient changes in joblessness among the major occupational and industry groups between August and September. However, the jobless rate for blue-collar workers declined from 6.5 to 6.1 percent, reaching its lowest level since May 1970; the over-the-month decline was due in large part to an improvement among nonfarm laborers, whose rate declined from 10.9 to 9.6 percent. The rate for service workers, on the other hand, rose sharply, from 6.3 to 7.3 percent.

Among the industry groups, the rate for construction workers dropped from 11.6 to 9.2 percent, its lowest point since April 1970. The rate for manufacturing workers, which has dropped substantially since May, was at 5.1 percent in September, also the lowest since April 1970.

The unemployment rate for workers covered by State unemployment insurance programs remained at 3.4 percent, its lowest level since the beginning of the year.

### Civilian labor force and total employment

The civilian labor force usually declines sharply between August and September, as large numbers of young people leave the labor market to return to school. This September, the labor force declined about as expected (1.7 million) and after seasonal adjustment was little changed from August, at 87.0 million, following a sizeable gain in the previous month. Since July, the civilian labor force has risen by 600,000, in contrast to the April-to-July period when it showed little growth.

The total number of employed persons declined less than it usually does between August and September, and, on a seasonally adjusted basis, was up 250,000 in September to 82.2 million. The employment increase was about equally distributed among adult men and teenagers, and, as was the case in the previous month, was largely of a part-time nature.

Since September 1971, total employment has risen by over 2.4 million (after eliminating the effects of the 1970 Census population control adjustment introduced in January 1972). Adult men accounted for over 1.1 million of this increase, adult women for 800,000, and teenagers for nearly 500,000. Workers with full-time jobs accounted for four-fifths of the over-the-year increase.

### Vietnam Era veterans

The employment situation for Vietnam Era veterans 20 to 29 years old improved in September. At 6.6 percent, their seasonally adjusted jobless rate was down

substantially from August (7.7 percent) and a year ago (9.8 percent) and was below the 7-percent mark for the first time in nearly 2 years. All of the over-the-month improvement was in the 20-to-24 year age group, as their unemployment rate fell sharply, from 12.5 to 9.0 percent. For veterans aged 25-29 years, the unemployment rate of 5.1 percent was not appreciably different from the August figure, but it was lower than a year earlier. (See table A-38.)

The seasonally adjusted unemployment rate for non-veterans 20-29 years of age, at 6.1 percent in September, was not materially different from August. Given this stability and the decline in the veteran rate, the gap between the unemployment rates of veterans and non-veterans narrowed considerably in September.

### Industry payroll employment

Nonfarm payroll employment advanced 240,000 in September to 73.2 million, after adjustment for seasonality. Since September a year ago, the number of payroll jobs has risen sharply—by 2.4 million.

About 90,000, or one-third, of the September gain in nonagricultural employment occurred in manufacturing and was concentrated in the primary metals and electrical equipment industries. At 19.0 million, manufacturing employment was at its highest level since September 1970.

The number of workers on contract construction payrolls in September was unchanged from the revised August level of 3.5 million, despite a reduction in strike activity.

In the service-producing sector, employment rose by 150,000, with gains posted in government, trade, and finance, insurance, and real estate.

### Hours of work

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls declined less than it usually does between August and

September. After seasonal adjustment, the workweek rose 0.2 hour to 37.3 hours. This represented an increase of four-tenths of an hour over September a year ago. The largest over-the-month increase in hours occurred in the mining and services industries. In manufacturing, both the average workweek (40.7 hours) and overtime hours (3.5 hours) have been virtually unchanged since April but were up substantially from a year earlier.

### Hourly and weekly earnings

Average hourly earnings of rank-and-file workers on nonagricultural payrolls rose 6 cents to \$3.71 in September. Large increases in hourly earnings are typical at this time of year, because many young people leave lower-paying summer jobs. After adjustment for seasonality, hourly earnings were up 2 cents to \$3.68. Compared with a year ago, average earnings have risen 21 cents or 6.0 percent.

The September gain of 6 cents in hourly earnings resulted in an increase in average weekly earnings of \$1.51 to \$138.75, despite a small drop in the actual workweek. After seasonal adjustment, average weekly earnings were up by \$1.47.

Since last September, average weekly earnings have risen \$9.25 or 7.1 percent. During the latest 12-month period for which the Consumer Price Index is available—August 1971 to August 1972—consumer prices rose 2.9 percent.

### Hourly earnings index

The Bureau's Hourly Earnings Index, seasonally adjusted, was 138.8 (1967=100) in September, 0.4 percent higher than in August, according to preliminary figures. The index was 5.7 percent above September a year ago. All industries posted over-the-year increases, ranging from 4.3 percent in services to 9.0 percent in transportation and public utilities. During the 12-month period ending in August, the Hourly Earnings Index in dollars of constant purchasing power rose 2.7 percent.

## Quarterly Developments

The employment situation continued to show improvement in the July-September quarter. The overall jobless rate edged down further, while total employment increased substantially for the fifth consecutive quarter.

### Unemployment

The number of unemployed persons declined to 4.8 million (seasonally adjusted) in the third quarter, after

averaging 5.0 million for every quarter since early 1971. Although the overall jobless rate, at 5.6 percent, was only slightly lower than in the second quarter, it has been edging down gradually since the third quarter of 1971, when it was 6.0 percent.

Although jobless rates for many labor force groups showed little change in the third quarter, the jobless rate for adult men did show considerable improvement.

At 3.9 percent, it was down from 4.2 percent in the previous quarter, its lowest quarterly average in 2 years. In contrast, the rate for adult women (5.6 percent) has been essentially unchanged since late 1970. The unemployment rate for teenagers, at 16.1 percent, was essentially unchanged, after receding from its post-World War II high of 18.2 percent reached in the first quarter. Unemployment rates for household heads and married men both declined in the third quarter to their lowest point since the third quarter of 1970.

The jobless rate for Negro workers was unchanged at 9.9 percent in the third quarter, while the rate for whites declined from 5.3 to 5.0 percent, the lowest since the third quarter of 1970. The over-the-quarter drop among whites was attributable to a decline in joblessness for adult men. Because of these developments, the ratio of Negro-to-white jobless rates again reached the 2-to-1 level registered in the first quarter, following 9 straight quarters below it.

The third quarter decline in the number of unemployed persons resulted entirely from a reduction among these who had never worked before. During the period, the number of persons who became jobless for other reasons—either because they lost their last job, quit their job, or re-entered the labor force—was about the same as in the second quarter. However, most of the over-the-year decline has occurred among job losers.

The average (mean) duration of unemployment declined to 12 weeks in the third quarter from an 8-year high of 12.8 weeks reached in the April-June period.

#### **Labor force and total employment**

The civilian labor force advanced 400,000, seasonally adjusted, in the third quarter to 86.8 million. The in-

crease was about equally divided among men and women, while the number of teenage workers declined. Since the second quarter of 1971, the civilian labor force has posted substantial quarter-to-quarter gains, rising by 2.7 million over the entire period.

Total employment rose 540,000 (seasonally adjusted) in the third quarter to 82.0 million. Over three-fourths of the increase was among adult men. After remaining weak during most of 1970 and the first half of 1971, total employment has risen sharply over the last 5 quarters—by 2.9 million—consisting of 1.3 million adult men, 1.2 million adult women, and 450,000 teenagers.

#### **Industry employment**

Nonagricultural payroll employment averaged 73.0 million in the July-September period (seasonally adjusted), an increase of 440,000 from the previous quarter and 2.3 million from a year ago. The third quarter increase was attributable almost entirely to pickups in the service-producing industries where employment advanced 380,000 to 49.9 million, 1.7 million above the year-ago level. The largest over-the-quarter gains in the services sector were posted in trade, services, and State and local government.

In the goods-producing industries, the number of jobs rose by only 60,000 in the July-September period to 23.1 million (seasonally adjusted), all of which took place in manufacturing. At 18.9 million, the number of workers on factory payrolls was up 500,000 from a year ago, following 2 years of steady decline from the all-time high of 20.3 million reached in the third quarter of 1969.

# BLS Establishment Estimates Revised to March 1971 Benchmark Levels

**\*by Margaret Testerman**

In its continuing efforts to provide accurate estimates on employment of all workers on nonagricultural payrolls, and hours and earnings of rank and file workers in the private nonagricultural sector, the Bureau of Labor Statistics has adjusted its establishment payroll series to reflect the most recent and complete employment counts, called benchmarks (for March 1971). This annual adjustment results in revisions in most of the employment series back to the previous benchmark.

The benchmark review is an integral part of the Bureau of Labor Statistics establishment survey program. It serves as a quality control process by providing both a precise measure of employment levels and analyses of series trends. New benchmarks are determined for March of each year at the most detailed industrial classification for which estimates are made. The difference between the benchmark and the corresponding estimate is wedged back to the previous benchmark, and the intervening monthly estimates are adjusted accordingly. The benchmark level then is projected forward to the current month based on the trend of monthly reports submitted by a sample of employers. The estimates adjusted to the new levels then are aggregated through successively larger groupings to total nonagricultural employment.

The March 1971 benchmark review has been completed, and employment data from April 1970 through August 1972 have been revised. Hours, earnings, labor turnover, and job vacancy estimates, which are weighted by employment data, may also have been revised as a result of shifts in employment levels.

The March 1971 total nonagricultural benchmark count of 69.8 million workers was 116,000 below the sample-based estimate, a difference of only 0.2 percent. Except for contract construction, relative adjustments for major divisions were less than 1 percent. (See table 1.) The contract construction division estimate was 3 percent lower than its benchmark because the BLS sample did not properly reflect the recent growth of new establishments in this industry.

Monthly estimates of employment, hours, and earnings are published in considerable detail. Using the Standard Industrial Classification (SIC) system, estimates are prepared at the industry group (three-digit SIC) level for most nonmanufacturing industries. Because of the size (about 26 percent of nonagricultural workers) and economic importance of the manufacturing division, these estimates are prepared and published at the industry (four-digit SIC) level.

The degree of accuracy that can be assigned to the estimates over time is of primary interest. Of the 201 industry groups for which employment estimates are published, only 22 were revised by 5 percent or more. The larger industries, in terms of employment, tended to have the smallest percentage revision. (See table 2.)

The March 1971 estimates and benchmark levels for the major industry groups (two-digit SIC) in manufacturing appear in table 3. Of the 21 major groups in this division, 20 were revised by less than 2 percent. Revisions were somewhat larger for the basic component industries, but two-thirds of these differed by less than 3 percent and only about one-tenth differed by 5 percent or more.

## **Why estimates differ from benchmarks**

One reason for differences between estimates and benchmarks lies in the fact that there is necessarily a certain amount of error in sample-derived estimates. A complete monthly count of employment would reflect all changes in the level from month to month, but complete coverage involving several million reports each month would be prohibitively expensive and time consuming. Derived from a sample of approximately 155,000 establishments, the BLS payroll series provides estimates at moderate cost within a month following the reference week.

\* Of the division of Industry Employment Statistics, Office of Current Employment Analysis.

**Table 1. Comparison of BLS nonagricultural employment estimates with benchmarks, by industry division, March 1971**

(Employment in thousands)

Industry division	Estimate	Benchmark	Difference between estimate and benchmark	
			Amount	Percent
Total nonagricultural .....	69,782	69,666	116	0.2
Mining .....	608	609	-1	-.2
Contract construction .....	2,967	3,061	-94	-3.1
Manufacturing .....	18,488	18,409	79	.4
Durable goods .....	10,550	10,531	19	.2
Nondurable goods .....	7,938	7,878	60	.8
Transportation and public utilities .....	4,466	4,425	41	.9
Trade .....	14,789	14,751	38	.3
Wholesale .....	3,806	3,759	47	1.3
Retail .....	10,983	10,992	-9	-.1
Finance, insurance, and real estate .....	3,735	3,729	6	.2
Services and miscellaneous .....	11,758	11,711	47	.4
Government .....	12,971	12,971	0	-
Federal .....	2,649	2,649	0	-
State and local .....	10,322	10,322	0	-

**Table 2. Distribution of published 3-digit SIC industries by size of industry, and percent difference between BLS employment estimates and March 1971 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...	201	28	38	63	72
0-0.9 .....	62	6	11	21	24
1.0-2.9 .....	82	11	14	24	33
3.0-4.9 .....	35	7	6	11	11
5.0 and over .....	22	4	7	7	4

A second reason for differences between estimates and benchmarks is the procedure used in keeping the industrial classification of establishments up to date. An establishment is classified by industry according to its major activity which is determined by the principal product produced or handled, or services rendered. An establishment may engage in more than one activity. If the composition of its output of products or services changes so that what was once a secondary product or activity becomes a primary one, the classification of the establishment is changed to the industry of its new major activity. This change is not introduced into the employment estimates at the time it occurs but at the time of the annual benchmark adjustment based on

product information reported annually. Thus, differences between estimates and benchmarks for an industry may result because the estimates are tied to the former benchmark levels and do not reflect intervening classification changes for individual establishments. At the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustment.

A third reason for differences between estimates and benchmarks arises from the method of adjustment used to take account of the entry of new firms. The benchmark link-relative employment estimating technique, which is a form of ratio estimation, results in biased estimates, because this technique cannot measure the employment of new firms entering the economy during the current month. The size of the bias (the influence of the employment of new firms) is considered negligible for most purposes; however, in the BLS establishment survey, for which the previous month's estimate is used to compute the current month's estimate, such bias would cumulate if counteracting steps were not taken. Accordingly, small bias correction factors are applied to the employment estimates each month. Because the size of these factors must be determined by past experience, small errors may arise if the rate at which new firms enter an industry increases or decreases. Between 1970 and 1971, the effect of new firms entering the contract construction industries was considerably greater than anticipated, resulting in 3 to 8 percent revisions in the

**Table 3. Comparison of manufacturing employment estimates with benchmarks, by major industry group, March 1971**

(Employment in thousands)

Major group	Estimate	Benchmark	Difference between estimate and benchmark	
			Amount	Percent
Manufacturing .....	18,488	18,409	79	0.4
Durable goods .....	10,550	10,531	19	.2
Ordnance and accessories .....	195.7	194.9	.8	.4
Lumber and wood products .....	554.2	554.4	-.2	( <sup>1</sup> )
Furniture and fixtures .....	447.4	446.6	.8	.2
Stone, clay, and glass products .....	608.9	613.6	-4.7	-.7
Primary metal industries .....	1,265.7	1,268.0	-2.3	-.2
Fabricated metal products .....	1,291.0	1,301.5	-10.5	-.8
Machinery, except electrical .....	1,812.2	1,825.5	-13.3	-.7
Electrical equipment and supplies .....	1,781.2	1,761.3	19.9	1.1
Transportation equipment .....	1,765.4	1,733.4	32.0	1.8
Instruments and related products .....	428.5	433.7	-5.2	-1.2
Miscellaneous manufacturing .....	399.5	398.2	1.3	.3
Nondurable goods .....	7,938	7,878	60	.8
Food and kindred products .....	1,678.6	1,681.1	-2.5	-.1
Tobacco manufactures .....	70.1	72.2	-2.1	-2.9
Textile mill products .....	954.7	950.0	4.7	.5
Apparel and other textile products .....	1,374.8	1,349.3	25.5	1.9
Paper and allied products .....	683.8	679.7	4.1	.6
Printing and publishing .....	1,092.0	1,075.1	16.9	1.6
Chemicals and allied products .....	1,019.1	1,011.5	7.6	.8
Petroleum and coal products .....	187.0	187.8	-.8	-.4
Rubber and plastics products nec. ....	571.2	570.1	1.1	.2
Leather and leather products .....	306.6	301.1	5.5	1.8

<sup>1</sup> Less than 0.05 percent.

estimates for this division. The effect of new manufacturing firms, on the other hand, was slightly less than expected.

A fourth, generally infrequent, cause of differences arises from improvements in the quality of the benchmark data. The most recent example of this type of revision was in 1965 when more comprehensive data on employment of religious and charitable institutions were introduced into the employment levels.

In most recent benchmark revisions, the estimates for major industry divisions have varied from benchmarks by less than 1 percent. A comparison of the size of the revisions made since 1967 is presented in table 4.

The difference between estimates and benchmarks is assumed to have accumulated in constant increments over the previous 12 months. Most series, therefore, are adjusted by wedging or tapering out the difference over the period from the new benchmark to the preceding one, 12 months earlier. Estimates subsequent to the new benchmark are revised by projecting the new level forward to the current month using the sample trend.

**Table 4. Nonagricultural employment estimates by industry division, as a percent of the benchmark, 1967-71**

Industry division	1971	1970	1969	1968	1967
Total .....	100.2	100.0	99.8	100.4	100.0
Mining .....	99.8	100.0	101.5	101.7	99.5
Contract construction .....	96.9	100.1	99.0	99.5	101.6
Manufacturing .....	100.4	100.1	99.8	99.8	99.5
Transportation and public utilities .....	100.9	99.9	100.4	100.7	99.8
Wholesale and retail trade ...	100.3	100.1	100.0	100.3	100.7
Finance, insurance, and real estate .....	100.2	100.3	100.0	99.2	100.2
Services .....	100.4	99.6	99.1	99.2	99.8
Government .....	100.0	100.3	100.1	102.8	100.0

The latter part of the revision is then subject to further change when the March 1972 benchmarks are established.

## Benchmark source material

The most important sources of benchmark information are the tabulations by industry and employment-size group of establishments covered under State unemployment insurance laws. Each calendar quarter, covered employers file a report with their respective State employment security agencies. This report includes total employment for the week including the 12th for each month of the quarter. State tabulations of these data, summarized according to industry, are used by the Bureau of Labor Statistics for benchmark purposes. Unemployment insurance (UI) data account for approximately three-fourths of the total nonagricultural employment benchmark.

A number of industries, such as railroads, private schools, hospitals, and nonprofit organizations, are exempt from mandatory UI coverage. In addition, the UI laws in 28 States (as of January 1971) provided that employers of fewer than a specified number (usually four) of workers be exempt from coverage. Benchmark data for the latter as well as for certain nonprofit institutions are obtained from the tabulations of employment and taxable wages of employees covered under social security laws as published in *Country Business Patterns* by the Bureau of the Census. As of 1972, however, all State unemployment insurance laws will cover employers of one worker or more for 20 weeks.<sup>1</sup>

For the remaining industries, benchmark data are obtained from several public and private agencies including the Interstate Commerce Commission (interstate railroads), the American Hospital Association (private nonprofit hospitals), the U.S. Office of Education and the National Catholic Education Association (private schools, colleges, and universities), the U.S. Civil Service Commission (Federal Government), and the Governments Division of the Bureau of the Census (State and local government).

The Bureau's reporting sample is also an important source of benchmark information. Since sample reports are current and are reviewed monthly, reporting errors are disclosed that otherwise may remain undetected. The industry classification of each sample establishment is reviewed annually on the basis of information supplied by the employer. Changes in industry classification of sample reports often precede such changes in other sources of information. Insofar as sample reports are known to differ from the corresponding employer's reports included in other benchmark source material, the data in the other source are modified accordingly.

## Relation of benchmarks to other series

Benchmarks are not available for the hours and earnings, job vacancy and labor turnover series. The levels shown are derived from the BLS reporting sample only. For primary estimating cells, i.e., region and/or size strata within the most detailed industry classifications, the series are computed directly from reported figures. Series for more inclusive categories, however, require a weighting mechanism to yield meaningful averages. The employment benchmarks are used as weights in computing the hours and earnings averages and job vacancy and labor turnover rates for broader industry groupings.

Adjustment of the estimates to new benchmarks may result in reallocation of weights, which, in turn, may change the averages. To influence the average of a broad group, changes in employment have to be relatively large and must affect industries which have substantially higher or lower averages than the other industries in their group. Generally speaking, the introduction of new benchmarks does not change hours and earnings, job vacancy and labor turnover series for broader groupings by more than 0.1 hour, 1 cent, or 0.1 per 100 rate, respectively. The changes caused by the 1971 benchmark revision are summarized in tables 5 and 6.

## Revision of seasonally adjusted data

The BLS uses an adaptation of the standard ratio-to-moving average method for seasonally adjusting the employment, weekly hours, and hourly earnings series. This method has a provision for "moving" adjustment factors to take account of changing seasonal patterns. After another year of data is added to a series, a number of the factors for the last few previous years will change slightly, even when the unadjusted figures for previous years remain the same. Thus, at the time of the annual benchmark revision, the seasonally adjusted data are revised for the previous 5 years (in the present instance), back to January 1967, whereas the unadjusted series are unchanged prior to April 1970.

The BLS seasonal factor method was designed for time series with steady or slowly changing seasonal patterns and therefore does not reflect adequately abrupt shifts in seasonality such as those experienced in retail trade employment over the past 3 years. Special

<sup>1</sup> For a detailed explanation of the 1970 Employment Security Amendments to the UI laws, see Joseph A. Hickey, "A Report on State Unemployment Insurance Laws," January 1972 Monthly Labor Review.



**Table 5. Comparison of hours, earnings, and labor turnover estimates based on previous (1970) benchmarks with estimates revised to March 1971 benchmarks, for selected major industries, March 1971**

Major industry group	Average weekly hours			Average hourly earnings			Labor turnover accession rates (per 100 employees)		
	Revised estimate	Previous estimate	Difference	Revised estimate	Previous estimate	Difference	Revised estimate	Previous estimate	Difference
Total private .....	36.8	36.8	0	3.36	3.36	0	-	-	-
Mining .....	42.1	42.1	0	4.01	4.01	0			
Contract construction ...	37.1	37.1	0	5.51	5.54	-.03			
Manufacturing ..	39.7	39.7	0	3.52	3.52	0	3.5	3.5	0
Durable goods .....	40.3	40.4	-.1	3.74	3.75	-.01	3.4	3.4	0
Ordnance and accessories .....	41.8	41.8	0	3.76	3.77	-.01	1.8	1.8	0
Lumber and wood products .....	39.9	39.9	0	3.06	3.05	.01	5.4	5.3	.1
Furniture and fixtures .....	39.3	39.4	-.1	2.85	2.85	0	4.8	4.9	-.1
Stone, clay, and glass products .....	41.3	41.3	0	3.57	3.57	0	4.4	4.4	0
Primary metal industries .....	40.8	40.8	0	4.12	4.12	0	3.3	3.3	0
Fabricated metal products .....	40.1	40.1	0	3.66	3.66	0	3.8	3.7	.1
Machinery, except electrical .....	40.5	40.5	0	3.93	3.94	-.01	2.4	2.4	0
Electrical equipment and supplies .....	39.6	39.7	-.1	3.45	3.46	-.01	2.7	2.7	0
Transportation equipment .....	41.3	41.3	0	4.39	4.42	-.03	3.4	3.3	.1
Instruments and related products .....	39.7	39.7	0	3.48	3.49	-.01	2.2	2.3	-.1
Miscellaneous manufacturing industries .....	38.8	38.8	0	2.94	2.93	.01	5.5	5.5	0
Nondurable goods .....	38.9	38.9	0	3.21	3.21	0	3.8	3.8	0
Food and kindred products .....	39.9	39.9	0	3.34	3.34	0	4.6	4.6	0
Tobacco manufactures .....	36.8	36.8	0	3.12	3.11	.01	1.7	1.7	0
Textile mill products .....	40.2	40.2	0	2.55	2.55	0	4.6	4.6	0
Apparel and other textile products ..	35.4	35.4	0	2.47	2.47	0	4.9	4.9	0
Paper and allied products .....	41.6	41.6	0	3.59	3.60	-.01	2.5	2.5	0
Printing and publishing .....	37.5	37.5	0	4.10	4.09	.01	2.7	2.7	0
Chemicals and allied products .....	41.4	41.4	0	3.84	3.84	0	2.0	2.0	0
Petroleum and coal products .....	41.8	41.8	0	4.49	4.50	-.01	1.8	1.8	0
Rubber and plastics products n.e.c. .	39.9	39.9	0	3.31	3.32	-.01	4.2	4.2	0
Leather and leather products .....	37.1	37.1	0	2.59	2.59	0	5.5	5.5	0
Transportation and public utilities .....	40.2	40.3	-.1	4.07	4.08	-.01			
Trade .....	34.7	34.7	0	2.83	2.84	-.01			
Finance, insurance, and real estate .....	36.9	36.9	0	3.24	3.24	0			
Services .....	34.0	34.0	0	2.96	2.95	.01			

adjustments have been used for many years in seasonally adjusting this employment series to compensate for the shifting date of Easter.

The Bureau also makes special adjustments in seasonally adjusting the employment series for the transportation equipment industry to compensate for the shifting dates of automobile plant retooling during the summer months. The Federal Government series is adjusted to remove the effect of the temporary Christmas postal workers.

**Employment for some industries not published monthly**

Monthly employment estimates are published for most of the significant industries in the nonagricultural sector. Those industries for which monthly data are not published either are too small or do not meet established publication standards. Employment benchmarks for these industries are presented in table 7.

**Table 6. Comparison of job vacancy estimates based on previous (1970) benchmarks with revised estimates based on March 1971 benchmarks, selected major industries in manufacturing, March 1971**

Industry division and group	Total job vacancies			Long-term vacancies		
	Revised estimate	Previous estimate	Difference	Revised estimate	Previous estimate	Difference
Estimated number of job vacancies in manufacturing (In thousands) . . . . .	83	83	0	27	27	0
Estimated job vacancy rates—						
Manufacturing . . . . .	0.4	0.4	0	0.1	0.1	0
Durable goods . . . . .	.4	.4	0	.1	.1	0
Nondurable goods . . . . .	.5	.5	0	.2	.2	0
Selected durable goods industries:						
Primary metal industries . . . . .	.3	.3	0	.1	.1	0
Machinery, except electrical . . . . .	.4	.4	0	.1	.1	0
Electrical equipment & supplies . . . . .	.4	.4	0	.1	.1	0
Transportation equipment . . . . .	.4	.4	0	.1	.1	0
Instruments & related products . . . . .	.6	.6	0	.2	.2	0
Selected nondurable goods industries:						
Textile mill products . . . . .	.8	.8	0	.1	.2	.1
Apparel & other textile products . . . . .	1.3	1.3	0	.7	.7	0
Printing & publishing . . . . .	.4	.4	0	.1	.1	0
Chemicals & allied products . . . . .	.4	.5	.1	.2	.2	0

Table 7. Employment Estimates For Industries Not Published Monthly—March 1959, and 1961–71

Industry title	Industry code	All employees (in thousands)											
		March 1971	March 1970	March 1969	March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Total industries <sup>1</sup>		69,666	70,448	69,022	66,475	64,662	62,285	59,058	56,898	55,289	54,230	52,629	52,019
Mining <sup>1</sup>	10-14	609	610	601	584	610	617	618	615	614	645	658	731
Lead and zinc ores	103	9.2	9.9	9.7	8.9	10.6	11.5	11.6	11.1	9.7	10.8	10.9	12.3
Other metal ores	104-6, 8, 9	20.2	21.2	19.7	18.4	18.0	16.9	16.0	15.9	17.3	19.3	21.0	20.6
Anthracite mining	11	5.2	5.5	5.6	6.1	7.0	8.5	9.4	11.6	11.4	12.1	14.1	18.6
Nonmetallic minerals, exc. fuels, n e c	141, 5, 7-9	36.5	37.8	37.9	39.1	40.0	39.5	36.8	35.2	34.8	35.4	36.4	35.8
Contract construction <sup>1</sup>	15-17	3,061	3,157	3,107	2,981	2,875	2,989	2,795	2,668	2,518	2,480	2,457	2,562
Carpentering and flooring	175	81.7	82.9	86.5	82.5	77.2	87.8	82.7	81.6	74.6	71.1	68.7	70.8
Concrete work	177	69.5	66.2	66.0	61.5	55.9	62.7	57.4	60.3	56.9	56.1	48.7	52.3
Other special trade contractors	178, 9	319.0	323.2	312.5	297.2	278.9	279.4	258.0	240.5	225.9	226.5	220.1	221.4
Water well drilling	178	12.1	12.2	12.4	12.6	12.9	13.8	13.8	13.2				
Misc. special trade contractors	179	306.9	311.0	300.1	284.6	266.0	265.6	244.2	227.3				
Manufacturing <sup>1</sup>	19-39	18,409	19,782	20,017	19,940	19,355	18,759	17,621	16,968	16,731	16,614	15,915	16,441
Durable goods <sup>1</sup>	19, 24, 25, 32-39	10,531	11,612	11,847	11,498	11,454	10,995	10,120	9,665	9,477	9,369	8,803	9,296
Ammunition, exc. for small arms, n e c <sup>2</sup>	1929	50.5	81.4	113.6	95.9	68.3	25.4	15.5	20.9	21.0	14.7	9.1	9.5
Sighting and fire control equipment	194	12.9	15.2	17.0	18.0	14.5	12.6	12.3	15.6	21.0	32.1	33.7	43.6
Other ordnance and accessories	191, 3, 5, 6, 9	44.3	61.1	71.1	64.0	66.6	45.6	39.4	47.7	52.1	53.4	45.5	41.4
Special product sawmills and planing mills	2426, 9	31.0	34.0	37.8	37.5	37.4	39.6	37.9	35.1	33.7	34.2	31.9	35.1
Prefabricated wood structure	2433	27.8	23.9	20.7	16.9	15.0	18.3	16.0	15.4	12.9	13.3	12.6	12.6
Veneer and plywood containers and cooperage	2443, 5	6.1	7.1	7.3	8.1	8.1	8.0	8.1	8.3	8.6	9.0	9.5	10.6
Other household furniture	2514, 9	36.4	37.5	37.1	36.8	34.7	35.8	35.4	33.3	33.2	32.9	30.1	34.1
Public building furniture	253	25.0	27.5	30.2	28.4	27.9	27.3	23.2	22.1	20.2	19.6	19.7	20.9
Miscellaneous furniture and fixtures	259	22.1	23.4	24.6	23.6	23.6	22.9	22.6	21.3	20.1	20.1	19.1	21.9
Products of purchased glass	323	28.6	27.9	28.0	27.2	22.4	23.0	21.1	19.6	18.9	18.0	16.2	17.0
Clay refractories	3255	13.2	13.6	14.0	13.6	15.2	14.9	14.3	13.1	12.8	14.7	14.1	16.1
Other structural clay products	3253, 9	17.8	19.6	21.5	21.0	21.3	24.0	23.2	24.8	24.1	23.2	23.6	25.8
Cut stone and stone products	328	14.8	15.6	16.1	16.4	16.6	17.2	17.9	18.2	17.5	17.5	18.0	18.0
Misc. nonmetallic mineral products	329	113.5	120.4	122.0	118.3	117.7	116.4	109.0	105.6	100.3	100.0	94.0	104.9
Asbestos products	3292	23.9	25.3	26.1	25.8	24.9	25.7	23.7	23.2	21.9	23.1	22.4	22.2
Misc. nonmetallic mineral products, n e c	3293, 5-7, 9	65.8	68.1	68.6	66.0	65.7	64.4	60.7	58.7	55.1	53.7	50.6	54.3
Steel pipe and tubes	3317	26.6	28.1	29.3	28.9	27.4	27.1	24.6	22.3	21.1	22.7	21.5	26.6
Other basic steel products	3313, 5, 6	56.6	53.5	53.0	51.8	53.0	52.5	52.0	48.8	47.9	50.7	44.0	51.4
Steel wire and related products	3315	24.9	21.4	21.2	20.7	22.5	21.3	21.0	20.4				
Cold finishing of steel shapes	3316	19.0	19.2	19.8	19.7	19.7	18.6	18.7	16.4				
Primary nonferrous metals	333	67.9	72.1	67.5	52.1	65.4	60.7	57.8	55.0	52.9	54.0	52.1	57.9
Primary copper	3331	17.2	17.0	15.0	16.4	16.0	15.4	15.3	15.4	15.9	14.4	14.9	14.9
Primary lead	3332	3.3	3.7	3.4	1.8	3.4	3.4	3.3	3.2	3.2	3.3	4.8	5.4
Primary zinc	3333	9.1	10.0	10.3	7.9	10.2	9.6	9.3	8.9	8.7	9.0	7.3	9.8
Primary aluminum <sup>2</sup>	3334	28.6	31.4	29.5	27.3	26.2	23.6	22.2	20.7	18.1	17.9	16.3	19.0
Primary nonferrous metals, n e c	3339	9.7	10.0	9.3	8.7	9.2	8.2	7.6	6.9	7.5	7.9	9.3	8.8
Secondary nonferrous metals	334	17.6	17.4	17.8	16.7	16.2	15.5	14.8	13.9	13.8	14.0	12.5	13.2
Nonferrous rolling and drawing, n e c	3356	20.2	22.9	23.1	24.2	24.1	22.3	19.4	17.7	17.3	17.2	17.3	16.9
Brass, bronze, and copper castings	3362	17.0	19.2	19.3	18.6	19.1	18.9	17.6	16.6				
Nonferrous castings, n e c	3369	18.3	21.9	26.9	24.4	25.3	26.4	22.4	20.4				
Misc. primary metal products, n e c	3392, 9	22.7	26.8	26.6	25.6	24.4	22.6	19.8	18.8	17.9	18.1	15.6	14.8
Hand and edge tools, n e c	3423	41.9	44.0	44.6	41.7	43.4	41.5	39.0	36.9				
Cutlery, hand saws, and saw blades	3421, 5	19.8	21.7	21.4	21.4	22.3	21.2	20.2	18.0				
Metal sanitary ware	3431	13.3	14.5	14.6	13.3	12.9	13.8	14.3	14.6				
Plumbing fittings and brass goods	3432	23.0	24.6	24.7	23.2	21.9	23.1	22.9	21.7				
Architectural metal work	3446	28.0	29.0	27.9	27.1	24.8	25.5	23.6	19.5				
Miscellaneous metal work	3449	22.8	21.3	19.4	18.6	17.3	16.6	15.4	15.2				

See footnotes at end of table.

Table 7. Employment Estimates For Industries Not Published Monthly—March 1959, and 1961–71—Continued

Industry title	Industry code	All employees (in thousands)											
		March 1971	March 1970	March 1969	March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
<b>Durable goods—Continued</b>													
Metal barrels, drums, and pails	3491	12.6	13.6	13.8	12.8	12.8	11.3	11.1	10.4	10.8	10.8	10.8	10.1
Misc. fabricated metal products, n e c	3492, 3, 6, 7, 9	43.3	50.3	48.0	44.6	46.3	48.1	45.5	43.6	40.4	37.5	32.4	32.0
Construction machinery	3531	129.9	137.3	129.3	126.8	125.6	122.7	113.9	107.0				
Mining machinery	3532	25.0	26.8	25.6	24.7	25.7	25.5	23.7	20.8				
Elevators and moving stairways	3534	16.7	16.3	15.2	14.7	15.1	15.8	15.7	14.2	13.9	13.1	13.3	
Conveyors and conveying equipment	3535	23.8	26.5	25.9	25.1	24.2	23.2	21.3	18.4				
Hoists, cranes, and monorails	3536	14.6	17.3	17.6	11.9	16.9	16.3	14.3	13.1				
Industrial trucks and tractors <sup>2</sup>	3537	28.5	35.6	34.0	32.3	31.3	30.0	25.0	23.4	20.2	19.9	18.7	18.2
Machine tools, metal forming types	3542	21.2	26.2	25.3	25.8	26.6	25.4	22.7	21.0				
Metal working machinery, n e c	3548	47.0	53.3	53.1	52.9	54.0	50.7	48.6	46.5				
Paper industries machinery	3554	17.0	19.8	21.5	21.8	23.0	20.9	20.1	19.3	18.6	17.5	16.8	15.8
Other special industry machinery	3553, 9	59.9	68.2	64.1	63.4	67.9	66.1	60.6	57.8	53.8	54.6	51.0	55.6
Blowers and fans <sup>2</sup>	3564	31.0	33.4	31.3	31.2	30.7	28.5	27.4	24.3	24.2	23.2	21.4	21.1
Other general industrial machinery & equipment	3565, 7, 9	57.4	65.4	64.4	61.2	63.0	60.4	54.1	48.4	47.8	45.7	42.9	39.4
Typewriters	3572	15.7	20.0	19.6	24.8	25.6	20.4	18.6	18.6	18.9	18.6	20.5	21.6
Calculating and accounting machines	3574	34.0	41.5	39.9	37.9	40.2							
Scales, balances, and office machines, n e c	3576, 9	29.6	33.7	31.9	28.1	28.3	26.9	24.8	24.5	24.0	24.8	23.3	22.8
Other service industry machinery	3581, 2, 6, 9	45.5	49.8	50.3	48.2	47.3	45.2	41.2	39.2	38.7	39.5	36.9	34.5
Carbon and graphite products	3624	13.0	13.9	13.5	13.4	13.4	12.8	12.2	11.8	11.1	11.2	10.8	10.5
Other electrical industrial apparatus	3623, 9	24.3	29.3	28.2	24.9	25.7	25.0	22.8	20.8	20.3	23.9	22.2	20.6
Sewing machines	3636	7.4	8.0	8.7	8.5	8.3	8.9	9.1	10.2	9.6	9.5	11.5	10.6
Other household appliances	3631, 5, 9	41.1	45.0	45.8	43.9	40.4	38.1	39.0	38.5	36.4	35.7	35.2	37.3
Current-carrying wiring devices	3643	66.8	77.2	77.3	75.1	80.9	72.5	61.9	54.4				
Noncurrent-carrying wiring devices	3644	20.4	22.4	21.1	22.5	21.7	20.4	18.0	17.0				
Semiconductors	3674	95.2	127.5	104.5	107.7	96.6	97.5	69.4	48.0				
Electronic components, n e c	3679	167.9	205.5	206.3	201.4	219.6	199.6	157.9	147.6				
Storage batteries	3691	20.8	23.8	20.7	21.1	22.4	20.5	19.3	17.8	18.0	17.3	15.8	16.1
Primary batteries, dry and wet	3692	11.3	11.6	13.7	11.8	10.6	10.0	8.5	8.5	8.2	9.5	8.3	9.4
Other misc. electrical machinery	3693, 9	21.4	22.2	20.9	19.0	17.6	16.8	14.6	14.8	15.7	16.7	16.3	16.6
Truck trailers <sup>2</sup>	3715	22.3	28.8	30.4	27.1	27.1	28.5	23.6	22.4	21.2	19.6	15.4	20.1
Locomotives and parts	3741	18.4	16.3	15.4	16.5	18.4	19.7	19.6	17.1	16.1	15.1	12.8	17.2
Railroad and street cars	3742	32.1	38.2	35.1	31.7	39.3	40.1	35.5	32.3	27.0	25.2	21.6	22.2
Motorcycles, bicycles, and parts	375	14.3	13.2	13.8	12.2	11.5	11.1	8.7	9.0				
Miscellaneous transportation equipment	379	103.2	95.7	88.2	62.9	50.9	51.3	43.9	38.8				
Optical instruments and lenses	383	15.5	18.9	19.6	19.6	19.4	16.9	14.6	14.1	13.8	12.7	12.2	10.9
Precious metal jewelry and lapidary work	3911-3	36.8	38.3	39.2	37.0	36.2	34.4	32.0	30.0	29.7	30.5	28.7	27.6
Silverware and plated ware	3914	12.3	13.6	14.1	15.0	14.7	14.3	13.0	12.4	11.5	11.4	13.3	15.0
Miscellaneous manufactures	399	135.7	143.1	142.8	142.6	143.8	144.1	140.6	137.6	134.1	133.9	130.0	136.5
<b>Nondurable goods<sup>1</sup></b>													
Condensed and evaporated milk	20-23, 26-31	7,878	8,170	8,170	7,992	7,901	7,764	7,501	7,303	7,254	7,245	7,112	7,145
Cheese and creamery butter	2023	13.3	12.3	12.6	13.0	13.7	13.1	13.7	13.4	14.1	14.5	15.2	16.0
Canned specialties	2021, 2	32.5	32.4	32.5	33.9	34.7	34.8	33.7	34.6	36.6	38.7	40.0	39.4
Canned fruits and vegetables	2032	28.4	28.1	30.3	30.5	29.9	29.6	27.4	27.1				
Dehydrated and pickled foods	2033	74.3	79.7	78.9	72.7	76.8	73.6	70.6	66.5				
Wet corn milling	2034, 5	30.5	31.8	30.8	29.4	29.4	29.6	27.0	26.9	25.9	25.9	26.3	25.6
Other grain mill products	2046	15.6	16.7	16.8	17.0	17.0	17.1	17.2	17.0	16.8	16.9	16.4	17.2
Raw cane sugar	2043-5	23.5	23.4	23.9	22.4	22.5	22.4	21.5	21.7	21.6	21.0	20.6	20.8
Cane sugar refining	2061	7.8	7.9	6.1	9.2	9.0	9.8	10.1	9.9	9.4	8.6	9.1	9.6
Beet sugar	2062	11.4	11.6	11.5	11.8	11.8	11.6	12.0	12.9	13.2	13.5	14.6	16.3
Chocolate and cocoa products, chewing gum	2063	9.7	13.9	11.3	8.8	8.9	9.5	9.2	10.8	7.2	7.0	7.3	7.1
Distilled liquor, except brandy	2072, 3	16.4	16.4	15.7	15.2	15.2	14.2	13.6	15.1	14.6	14.7	14.6	13.5
Other beverages and related products	2085	21.0	23.2	22.8	20.4	21.1	21.6	18.9	19.5	20.1	20.0	20.5	21.3
Vegetable oil mills	2083, 4, 7	22.7	22.5	21.1	20.4	20.7	19.5	19.3	18.2	17.3	17.3	17.4	17.8
	2091-3	17.1	17.1	16.7	16.0	17.7	19.5	19.5	19.7	20.1	20.3	21.3	22.6

See footnotes at end of table.

Table 7. Employment Estimates For Industries Not Published Monthly—March 1959, and 1961–71—Continued

Industry title	Industry code	All employees (in thousands)											
		March 1971	March 1970	March 1969	March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
<b>Nondurable goods—Continued</b>													
Miscellaneous food preparations.....	2094-9	127.5	129.6	127.5	125.9	124.6	123.8	121.2	120.4	121.2	120.4	118.1	116.3
Chewing and smoking tobacco.....	213	4.6	4.7	4.6	4.9	4.9	5.0	5.2	5.7	5.7	5.7	5.9	6.5
Tobacco stemming and redrying.....	214	9.8	10.8	11.1	11.4	11.4	13.0	12.4	14.1	13.6	14.2	13.7	12.8
Knit fabric and knitting mills, n e c.....	2256, 9	55.0	44.1	38.8	33.5	31.8	29.7	26.4	25.1	22.3	20.3	19.3	18.3
Yarn mills.....	2281, 3	95.8	94.6	97.6	89.9	86.5	89.2	82.3	79.1	76.2	79.5	76.1	87.1
Yarn throwing, winding, and thread mills.....	2282, 4	37.3	35.8	31.0	29.8	27.6	25.5	24.5	24.5	23.5	23.3	20.6	21.4
Cordage and twine.....	2298	8.9	9.9	11.1	11.1	11.6	10.9	10.9	11.5	11.0	10.2	9.6	11.4
Miscellaneous textile goods, n e c.....	2291-7, 9	61.5	66.4	71.2	69.4	66.0	66.8	60.0	55.5	55.4	56.0	53.5	61.1
Men's and boys' underwear.....	2322	18.0	18.6	18.9	17.9	18.3	17.0	15.7	14.3	14.4	14.1	13.1	12.4
Men's and boys' neckwear and clothing, n e c.....	2323, 9	71.1	70.6	67.4	63.4	64.0	61.3	56.3	52.0	51.5	50.2	45.4	46.0
Children's other outerwear.....	2363, 9	41.8	40.7	43.0	45.1	43.1	45.0	45.4	39.7	43.1	43.1	40.3	39.5
Fur goods.....	237	4.8	5.4	6.8	7.5	7.4	8.3	7.8	8.1	7.9	8.3	7.8	8.8
Miscellaneous apparel and accessories.....	238	65.2	69.1	70.2	72.3	72.1	68.9	66.3	63.2	63.9	63.0	59.4	59.6
Fabric dress and work gloves.....	2381	13.0	15.7	16.1	15.6	16.0	15.4	14.8	14.5	14.8	14.4	13.8	14.4
Other apparel and accessories.....	2384-7, 9	52.2	53.4	54.1	56.7	56.1	53.5	51.5	48.7	49.1	48.6	45.6	45.2
Textile bags.....	2393	7.7	9.5	9.5	10.7	10.3	9.1	8.5	8.1	8.7	8.9	9.0	9.1
Other fabricated textile products.....	2394-7, 9	86.5	89.5	98.4	100.7	98.3	96.8	93.2	85.2	84.6	81.6	79.0	72.8
Pulp mills.....	261	13.4	13.6	14.5	13.8	11.5	10.4	10.4	10.4				
Paper mills, except building paper.....	262	181.7	192.7	191.3	187.9	189.6	185.8	185.1	185.7				
Miscellaneous converted paper products, exc. bags.....	2641, 2, 4-7, 9	143.3	146.6	142.1	135.1	134.5	127.0	118.7	112.1	110.7	109.0	102.9	91.6
Paper coating and glazing.....	2641	46.3	48.1	47.3	44.1	42.4	39.1	36.6	34.1				
Envelopes.....	2642	24.1	23.9	23.0	22.3	22.9	21.9	20.5	20.9				
Other miscellaneous converted paper products.....	2644-7, 9	72.9	74.6	71.8	68.7	69.2	66.0	61.6	57.1				
Folding paperboard boxes.....	2651	45.5	48.2	47.3	48.0	44.7	43.1	41.9	42.6				
Set-up paperboard boxes.....	2652	16.6	19.3	20.2	20.0	20.2	20.9	20.6	20.0				
Building paper and board mills.....	266	15.6	13.9	14.0	12.6	13.6	14.9	14.4	14.9				
Sanitary food containers <sup>2</sup> .....	2654	30.4	31.8	29.8	31.3	31.0	30.0	28.4	30.1	29.8	28.2	27.0	22.4
Fiber cans, drums, and related material.....	2655	18.0	20.0	20.5	18.8	17.2	15.2	14.6	14.0	14.0	13.0	10.9	12.6
Book publishing.....	2731	71.4	75.7	70.8	70.7	66.4	61.3	56.9	54.8				
Book printing.....	2732	27.4	27.1	26.0	24.5	27.9	26.2	24.0	22.3				
Engraving and plate printing.....	2753	11.2	11.3	11.7	11.4	11.1	11.1	11.1	10.6	11.0	10.7	10.3	10.5
Greeting card publishing.....	277	24.9	27.2	26.0	25.3	25.0	22.5	20.5	19.7	19.5	19.6	19.1	18.5
Miscellaneous publishing and printing ind.....	274, 6, 9	111.5	118.6	116.0	113.5	109.1	103.0	100.0	96.6	92.5	91.7	89.5	83.7
Miscellaneous publishing.....	274	35.2	36.1	35.2	34.7	30.6	29.4	27.9	27.4				
Manifold business forms.....	276	37.5	40.6	38.4	36.0	35.5	33.1	30.8	28.2				
Printing trade services.....	279	38.8	41.9	42.4	42.7	43.0	40.5	41.3	41.0				
Blankbooks and looseleaf binders.....	2782	27.1	28.4	27.1	26.3	25.4	23.8	23.0	21.7				
Bookbinding and related work.....	2789	26.8	29.0	29.7	29.3	31.2	29.5	27.0	26.4				
Industrial gases, crudes, and pigments.....	2813, 5, 6	65.4	69.3	67.3	65.4	63.6	62.1	58.9	56.7	55.0	53.1	51.8	53.4
Synthetic rubber.....	2822	14.0	14.3	13.7	14.0	13.6	13.8	12.8	13.6	13.4	13.0	11.0	10.1
Other drugs and medicines.....	2831, 3	29.4	30.9	31.8	30.6	34.2	31.2	30.2	29.1	28.9	27.9	26.6	29.0
Polishing, sanitation, and finishing preparations.....	2842, 3	31.7	31.7	31.3	29.1	30.8	29.6	29.0	27.9	27.1	27.1	26.9	24.2
Agricultural chemicals, n e c.....	2879	15.7	17.9	16.8	16.9	15.6	14.1	13.7	13.4	12.5	12.1	11.3	9.2
Gum and wood chemicals.....	286	6.6	6.4	6.9	6.9	6.6	6.9	6.9	7.0	8.5	8.2	8.8	7.7
Miscellaneous chemical products.....	289	91.3	106.1	116.7	107.6	100.2	80.7	72.0	70.7	73.5	72.6	69.4	70.1
Explosives <sup>2</sup> .....	2892	29.1	38.0	47.8	44.7	38.1	23.9	18.2	17.9	20.1	19.7	17.6	17.6
Other chemical preparations.....	2891, 3, 5, 9	62.2	68.1	68.9	62.9	62.1	56.8	53.8	52.8	53.4	52.9	51.8	52.5
Paving and roofing materials.....	295	27.1	26.2	25.8	24.5	23.8	24.7	24.5	24.3				
Miscellaneous petroleum and coal products.....	299	9.8	9.4	10.0	9.5	8.7	9.2	8.4	8.3				
Rubber footwear <sup>2</sup> .....	302	25.2	24.2	25.9	26.8	26.5	26.2	29.5	26.7	27.9	26.8	22.9	21.6
Reclaimed and fabricated rubber products.....	303, 6	142.6	152.8	159.4	153.5	149.8	149.7	141.6	135.4	135.4	130.5	118.0	128.3
Footwear cut stock.....	313	10.9	12.5	13.6	14.1	13.5	13.6	13.7	13.3	14.6	17.1	17.7	18.2

See footnotes at end of table.

Table 7. Employment Estimates For Industries Not Published Monthly—March 1959, and 1961–71—Continued

Industry title	Industry code	All employees (in thousands)											
		March 1971	March 1970	March 1969	March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
<b>Nondurable goods—Continued</b>													
Luggage <sup>2</sup> .....	316	16.3	19.0	20.7	20.8	20.4	20.4	18.3	16.9	16.6	15.7	14.6	15.8
Miscellaneous leather products, n e c.....	312, 5, 9	14.4	16.9	16.6	16.7	17.7	17.6	17.5	17.0	16.8	16.7	16.3	17.5
Leather gloves and mittens.....	315	4.7	5.3	5.4	5.3	6.0	5.8	6.3	6.1				
Industrial belting and leather goods, n e c.....	312, 9	9.7	11.6	11.2	11.4	11.7	11.8	11.2	10.9				
<b>Transportation and public utilities<sup>1</sup></b>	40-49	4,425.0	4,448.7	4,328.2	4,247.3	4,200.0	4,064.2	3,963.3	3,869.7	3,847.7	3,865.5	3,846.5	3,959.9
Class II railroads.....	4011-2	13.4	14.1	12.8	14.5	15.6	15.9	16.5	12.3	13.4	15.0	15.6	17.5
Class I switching and terminal companies.....	4013-1	23.8	23.8	22.9	23.9	23.6	24.6	27.3	32.0	33.4	36.2	35.7	42.9
Class II switching and terminal companies.....	4013-2	13.4	13.3	12.4	13.4	16.1	16.6	12.9	8.6	8.5	9.0	9.7	10.2
Other passenger transit services.....	414, 5, 7	60.5	57.0	53.5	49.0	45.1	41.6	37.4	33.6	31.3	27.7	25.3	19.0
School buses.....	415	52.9	50.0	46.4	41.8	38.4	35.6	31.3	28.3				
Charter service and bus terminal facilities.....	414, 7	7.6	7.0	7.1	7.2	6.7	6.0	6.1	5.3				
Trucking and trucking terminals <sup>2</sup> .....	421, 3	963.3	986.8	970.3	927.5	909.6	888.2	846.5	804.7	793.6	774.2	729.9	725.7
Water transportation <sup>2</sup> .....	44	201.1	210.0	225.3	230.8	234.5	231.0	223.1	222.3	224.1	220.8	222.4	231.7
Deep sea transportation.....	441, 2	60.6	67.2	79.1	82.7	86.7	83.2	80.4	82.5	83.2	83.4	84.3	83.3
Great Lakes transportation.....	443	2.9	3.8	2.4	3.0	3.0	3.0	3.4	2.8	2.2	2.8	2.8	4.0
River, canal, and local waters transportation.....	444, 5	35.0	30.9	34.4	34.6	33.8	33.6	32.0	29.8	29.2	29.2	27.6	29.5
Water transportation services.....	446	102.6	108.1	109.4	110.5	111.0	111.2	121.3	107.2	109.5	105.4	107.7	114.9
Air transportation service.....	458	31.0	32.8	34.4	30.8	27.7	24.1	22.2	21.5	21.4	21.0	20.2	17.2
Transportation services <sup>2</sup> .....	47	108.4	108.8	102.0	98.2	98.2	90.3	83.6	81.5	79.5	76.8	74.6	68.6
Communication services, n e c.....	489	20.2	17.1	15.4	12.6	9.4	7.9	6.3	6.4	4.9	4.3	4.1	1.6
<b>Wholesale and retail trade<sup>1</sup></b>	50, 52-59	14,571.1	14,679.9	14,200.0	13,622.2	13,236.6	12,808.8	12,242.2	11,814.4	11,434.4	11,213.3	11,051.1	10,771.1
Farm product raw materials.....	505	89.4	89.4	89.6	90.0	94.1	93.2	92.4	91.2	91.7	92.3	95.2	91.8
Other general merchandising.....	534, 5, 9	338.0	329.8	319.3	294.4	272.7	256.7	249.6	227.5	224.9	224.9	219.2	202.8
Candy, nut, and confectionery stores.....	544	26.1	27.8	28.4	29.1	30.3	28.3	28.2	29.1	29.8	28.4	31.9	34.2
Retail bakeries.....	546	102.9	101.8	99.0	97.8	96.8	97.4	96.3	95.4	95.3	93.0	94.2	90.7
Other food stores.....	545, 9	43.1	40.7	39.3	38.8	40.9	45.3	45.4	46.3	45.2	44.3	45.5	47.3
New and used car dealers.....	551	715.1	725.1	728.5	698.1	683.1	691.3	669.3	638.6	620.6	591.9	589.5	602.8
Used car dealers.....	552	39.1	40.2	42.1	41.9	41.3	45.0	45.3	44.6	43.2	40.7	41.6	42.1
Women's accessory and spec. stores.....	563	32.9	33.4	31.3	30.0	30.7	29.3	29.1	31.2	30.5	32.0	35.2	36.3
Other clothing stores.....	564, 7-9	39.5	39.9	39.2	38.2	38.5	37.6	36.6	37.6	37.1	36.7	37.4	38.9
Household appliance stores.....	572	83.8	86.9	87.5	84.7	83.6	82.5	81.1	80.4	84.1	87.7	89.8	92.4
Radio, television, and music stores.....	573	81.8	80.7	78.6	73.2	70.3	65.5	61.0	58.8	58.3	58.7	56.9	55.1
Book and stationery stores <sup>2</sup> .....	594	66.0	65.5	63.2	60.1	58.2	54.9	52.6	50.5	51.3	51.9	53.1	52.8
Jewelry stores.....	597	80.0	80.8	78.8	75.0	71.5	67.1	63.8	62.2	61.7	62.7	63.1	64.1
Other retail stores.....	592, 3, 5, 9	428.1	414.0	384.1	364.6	359.2	340.1	321.6	310.8	297.7	292.0	271.3	256.4
Liquor stores.....	592	83.9	81.2	78.3	74.8	72.0	68.6	65.7	62.7				
Antique stores and secondhand stores.....	593	30.2	41.7	40.1	40.0	38.9	39.0	37.9	36.1				
Sporting goods stores and bicycle shops.....	595	42.9	39.5	35.6	32.3	29.6	27.0	24.9	23.9				
Retail stores, n e c.....	599	271.1	251.6	230.1	217.5	218.7	205.5	193.1	188.1				
Finance, insurance, and real estate <sup>1</sup>	60-67	3,729.1	3,650.0	3,489.9	3,313.3	3,150.0	3,058.8	2,978.8	2,919.9	2,832.2	2,757.7	2,684.4	2,548.8
Other credit agencies.....	611, 3, 5, 6	65.6	66.1	63.0	60.2	57.5	58.9	57.3	55.3	51.5	46.9	43.3	36.6
Other insurance carriers.....	635, 6, 9	46.3	44.5	44.3	42.4	39.7	41.9	41.1	43.9	42.9	39.9	38.9	39.6
Subdividers and developers <sup>2</sup> .....	655	96.8	82.8	76.1	68.2	63.0	62.6	59.9	58.2	54.3	43.0	42.3	39.9
Other real estate dealers.....	651, 3, 4	526.4	518.8	498.3	479.4	465.7	457.6	449.6	435.9	426.0	424.9	412.5	423.8
Real estate operators and lessors.....	651	361.2	363.2	356.8	349.6	342.7	333.5	331.3	322.5				
Agents, brokers, managers, and title abstractors.....	653, 4	165.2	155.6	141.5	129.8	123.0	124.1	118.3	113.4				
Combined real estate, insurance, etc.....	66	35.7	36.0	37.4	41.2	44.1	50.7	51.3	51.8	51.7	53.5	54.3	57.2
Holding and other investment companies.....	67	50.4	48.7	43.5	34.7	31.8	29.5	27.8	26.9	25.9	22.8	20.7	18.1
Services <sup>1</sup> .....	70-86, 89, 99, 07-09	11,711.1	11,478.8	11,012.2	10,375.5	9,837.7	9,299.9	8,850.0	8,229.9	8,115.5	7,816.6	7,470.0	6,946.6
Other lodging places.....	702-4	79.4	72.6	67.2	59.6	54.9	56.2	56.2	48.3	46.2	41.4	41.5	40.6

See footnotes at end of table.

Table 7. Employment Estimates For Industries Not Published Monthly—March 1959, and 1961–71—Continued

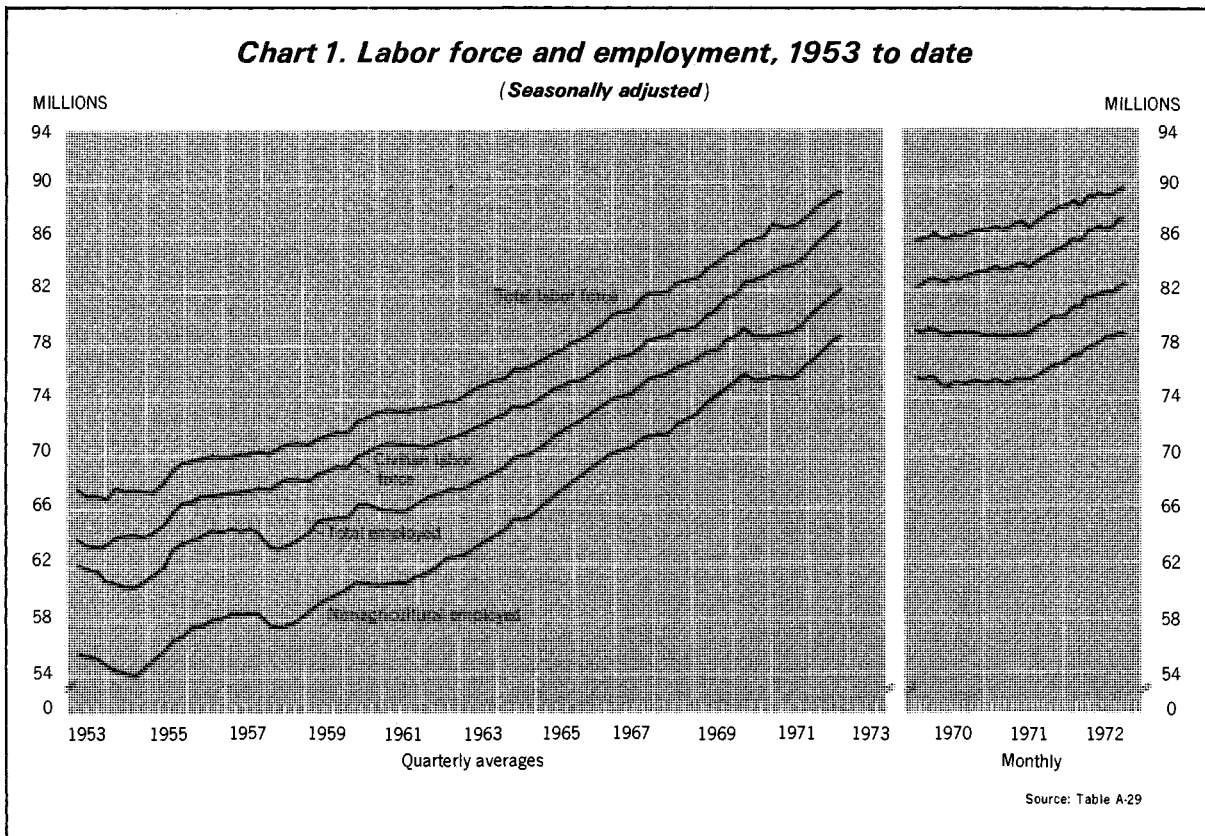
Industry title	Industry code	All employees (in thousands)											
		March 1971	March 1970	March 1969	March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Services 1—Continued													
Photographic studios 2	722	39.6	40.1	39.7	38.6	37.8	36.2	34.5	33.2	32.7	31.8	32.1	31.7
Beauty shops	723	253.7	261.3	259.0	253.4	240.8	226.1	209.5	195.5	186.6	168.7	156.6	138.1
Barber shops	724	54.8	61.4	65.4	67.4	69.1	69.7	71.5	71.5	71.7	73.7	73.6	73.4
Funeral services and crematories	726	63.3	59.2	61.8	60.3	59.0	57.7	56.7	55.6	54.6	53.0	51.6	47.7
Garment pressing, alteration, repair	727	23.5	29.3	27.7	29.3	30.2	30.9	31.4	30.0	29.7	31.6	31.5	35.1
Other personal services	725, 9	39.5	36.8	33.0	30.7	28.4	28.3	27.1	26.4	26.8	28.2	28.6	29.6
Duplicating, mailing, stenographic	733	64.7	69.0	69.1	67.5	66.9	65.0	59.4	58.3	57.8	57.4	54.7	53.0
Services to building 2	734	293.5	283.2	258.3	233.7	217.2	194.0	173.4	156.8	144.8	129.1	116.2	92.7
Other business services	735, 6, 9	1,022.0	1,033.6	953.3	874.2	822.7	745.3	655.6	591.4	542.7	495.7	447.3	373.2
Private employment agencies	736	49.0	57.6	52.6	44.6	36.3	32.9	26.4	24.4				
Other miscellaneous business services	735, 9	973.0	976.0	900.7	829.6	786.4	712.4	629.2	567.0				
Auto repair, services, and garages	75	384.2	384.0	363.0	349.9	343.5	334.5	324.4	307.6	296.8	276.8	259.6	239.7
Auto rentals, without drivers	751	63.1	61.0	56.3	49.6	44.5	40.5	37.5	33.7	29.3	25.2	23.3	19.5
Automobile parking	752	40.6	41.2	39.7	38.8	37.1	36.4	35.4	34.3	33.9	33.8	33.6	33.2
Auto repair shops and services	753, 4	280.5	281.8	267.0	261.5	261.9	257.6	251.5	239.6	233.6	217.8	202.7	187.0
Automobile repair shops	753	219.5	217.7	203.6	200.2	198.4	195.0	194.6	189.4				
Automobile services, except repair	754	61.0	64.1	63.4	61.3	63.5	62.6	56.9	50.2				
Miscellaneous repair services 2	76	184.4	182.0	178.1	173.1	167.2	161.2	151.9	145.8	143.8	138.3	132.4	124.1
Electrical repair shops	762	63.9	60.9	60.3	59.3	54.2	51.0	48.2	47.3	48.9	47.2	44.9	42.2
Other miscellaneous repair services	763, 4, 9	120.5	121.1	117.8	113.8	113.1	110.2	103.7	98.5	94.9	91.1	87.5	81.9
Motion picture filming	7813-5	34.4	33.2	38.6	34.8	34.2	35.4	31.1	27.9	28.9	28.6	32.0	25.2
Motion picture distributing	7816-8	16.5	18.2	15.2	13.3	16.1	13.1	12.8	12.1	12.4	13.4	15.1	18.3
Amusement and recreation services, n e c	79	427.7	419.9	409.1	393.0	380.6	366.4	354.9	342.0	334.9	318.9	306.9	281.2
Bowling and billard establishments	793	96.5	96.2	98.4	99.2	99.1	101.1	103.1	104.7	105.9	101.9	97.9	77.6
Other indoor amusement and recreation	791, 2	71.9	73.0	73.4	71.2	66.7	65.4	68.1	60.0	59.9	60.7	61.5	65.3
Miscellaneous amusement, recreation services	794	259.3	250.7	237.3	223.6	214.8	199.9	183.7	177.3	169.1	156.2	147.5	138.3
Offices of physicians and surgeons	801	413.7	385.0	357.5	330.0	312.1	293.5	280.7	269.2	259.2	239.4	218.4	207.1
Offices of dentists, dental surgeons	802	156.0	144.0	136.7	124.4	116.7	110.1	105.0	100.9	97.2	92.3	83.4	80.0
Other medical services	803, 4, 7, 9	690.9	621.8	567.5	493.8	419.7	356.5	318.1	278.2	247.8	255.3	230.4	183.7
Other schools and educational services	823, 4, 9	124.4	109.6	99.7	86.9	80.0	70.8	64.9	64.2	60.6	47.8	46.8	57.8
Museums, botanical, zoological gardens	84	18.4	17.3	16.4	15.1	14.4	13.8	13.8	9.6	9.6	9.2	9.2	7.9
Nonprofit membership organizations	86	1,732.8	1,681.6	1,650.0	1,581.0	1,497.5	1,447.4	1,417.9	1,423.0	1,393.6	1,374.8	1,342.9	1,247.9
Business associations	861	63.2	66.4	65.7	63.1	61.9	59.5	57.9	58.0	56.2	54.6	52.2	50.5
Labor organizations	863	128.4	129.7	124.4	121.7	116.3	113.7	110.1	108.5	107.7	107.9	104.4	101.8
Religious organizations	866	956.2	956.2	951.5	932.4	910.7	889.7	874.1	853.7	829.7	810.3	791.1	726.8
Charitable organizations	867	294.4	277.1	268.4	244.5	229.8	218.0	215.5	245.6	245.6	245.6	242.3	217.3
Other nonprofit membership organizations	862, 4, 5, 9	290.6	252.2	240.0	219.3	178.8	166.5	160.3	157.2	154.4	156.4	152.9	151.5
Other miscellaneous services	893, 9	272.7	264.0	212.5	189.6	162.2	152.4	144.5	138.6	133.9	129.0	123.0	113.1
Accounting, auditing, and bookkeeping	893	250.6	241.6	191.6	169.9	143.4	134.2	127.2	122.0				
Services, n e c	899	22.1	22.4	20.9	19.7	18.8	18.2	17.3	16.6				
Agriculture services, forestry, and fisheries	07-09	172.7	170.0	161.3	155.0	149.3	151.6	142.6	137.5	131.0	127.8	125.7	119.1
Nonclassifiable establishments	99	35.9	29.4	29.2	23.5	28.4	21.0	21.6	22.1	19.4	26.0	19.7	53.1
Government 1	91-93	12,971	12,644	12,268	11,863	11,399	10,690	9,991	9,574	9,194	8,840	8,548	8,061

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

2 Monthly data available beginning January 1964.

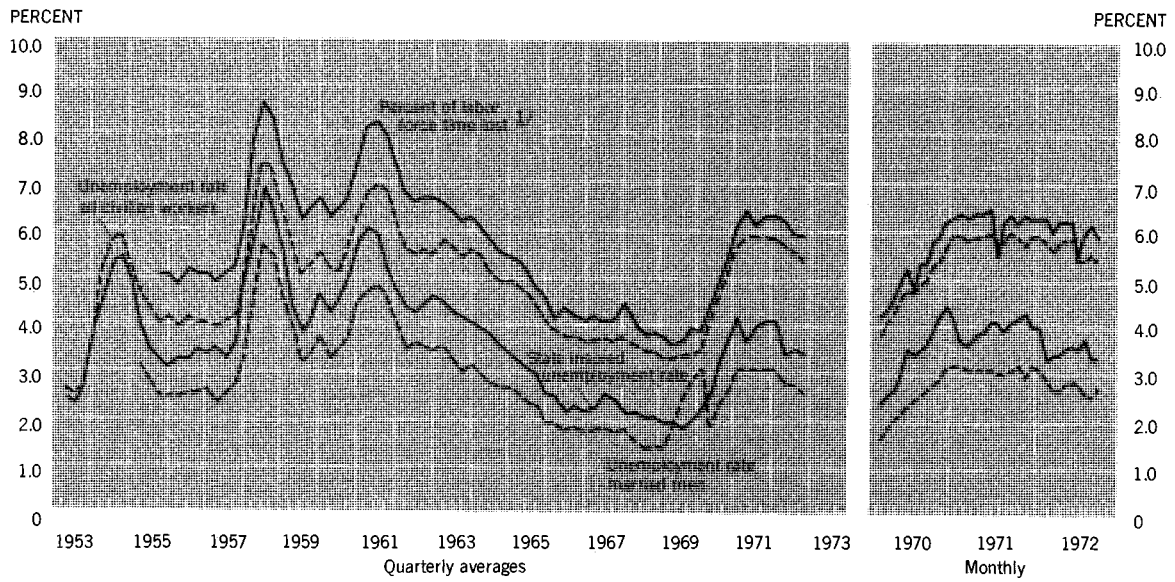
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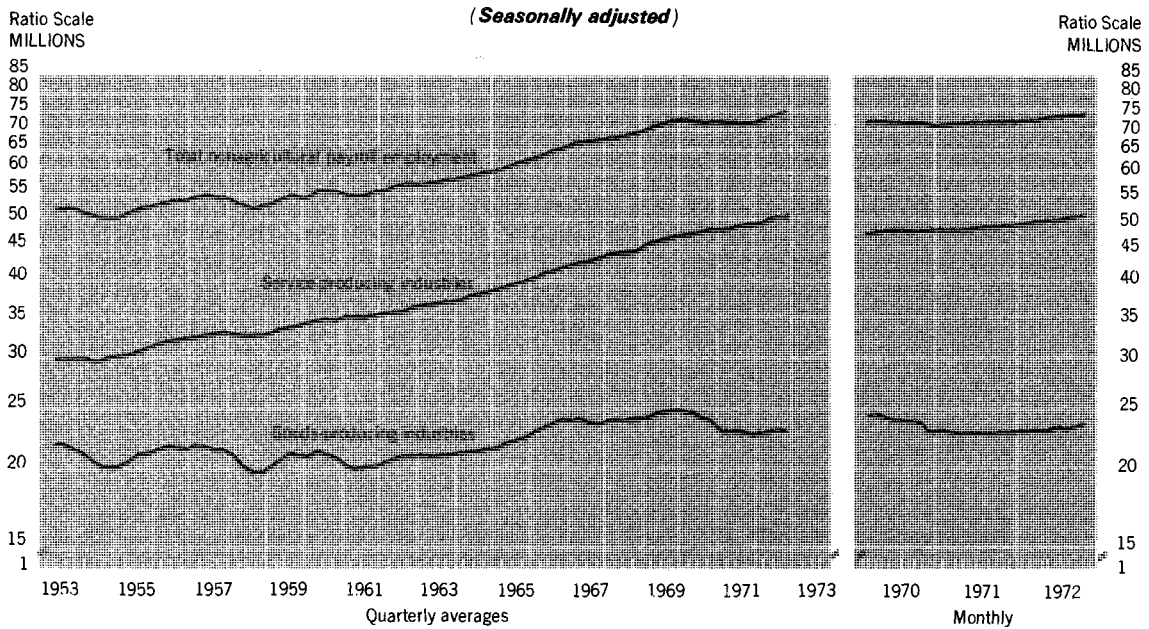
**Chart 2. Major unemployment indicators  
1953 to date**  
(Seasonally adjusted)



1/ Series revised beginning 1963 to reflect whether unemployed persons sought full or part-time jobs.

Source: Table A-33.

**Chart 3. Payroll employment in goods and service-producing industries  
1953 to date**  
(Seasonally adjusted)

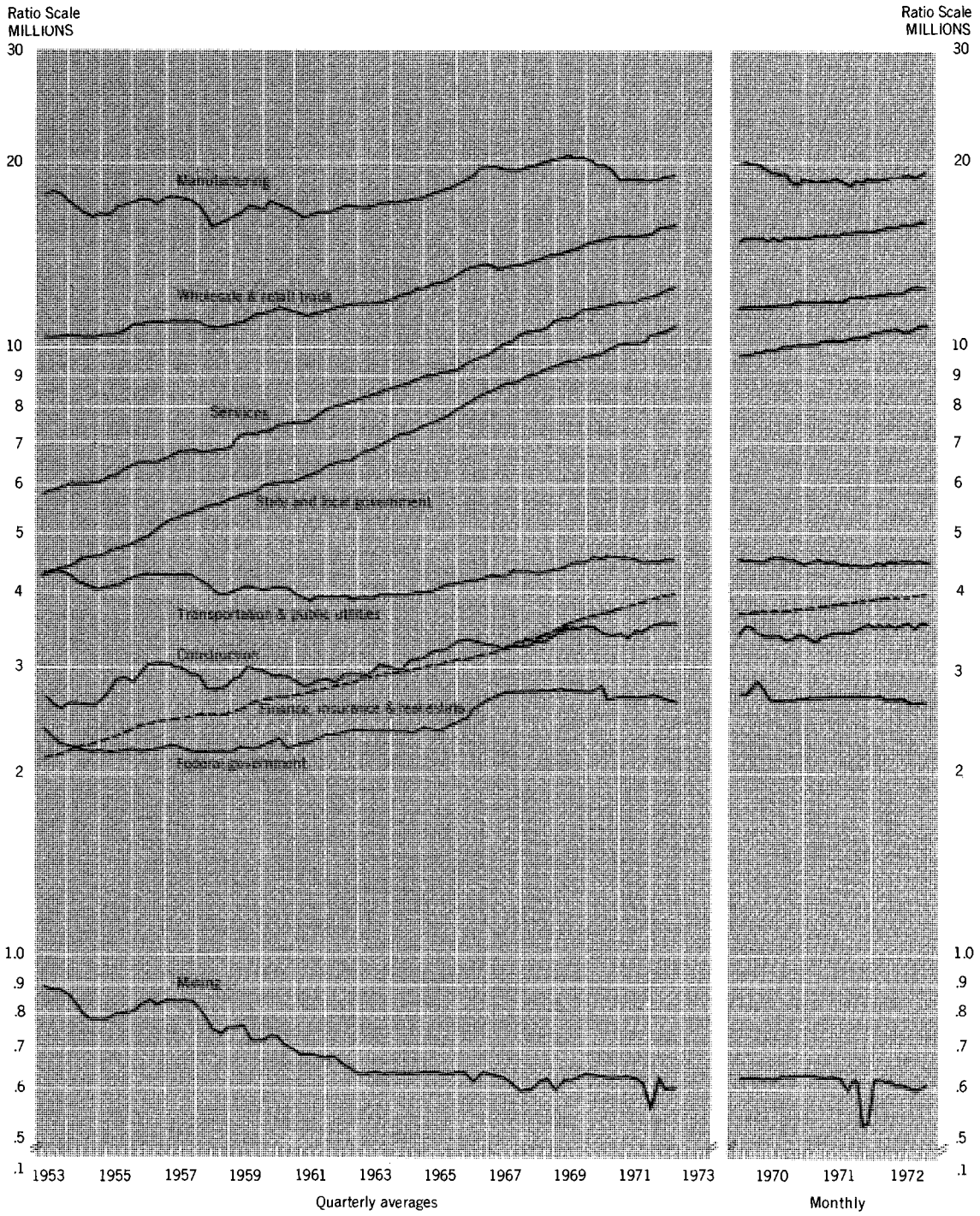


Note: Data for 2 most recent months are preliminary.

Source: Table B-5.

### Chart 4. Nonagricultural payroll employment by industry 1953 to date

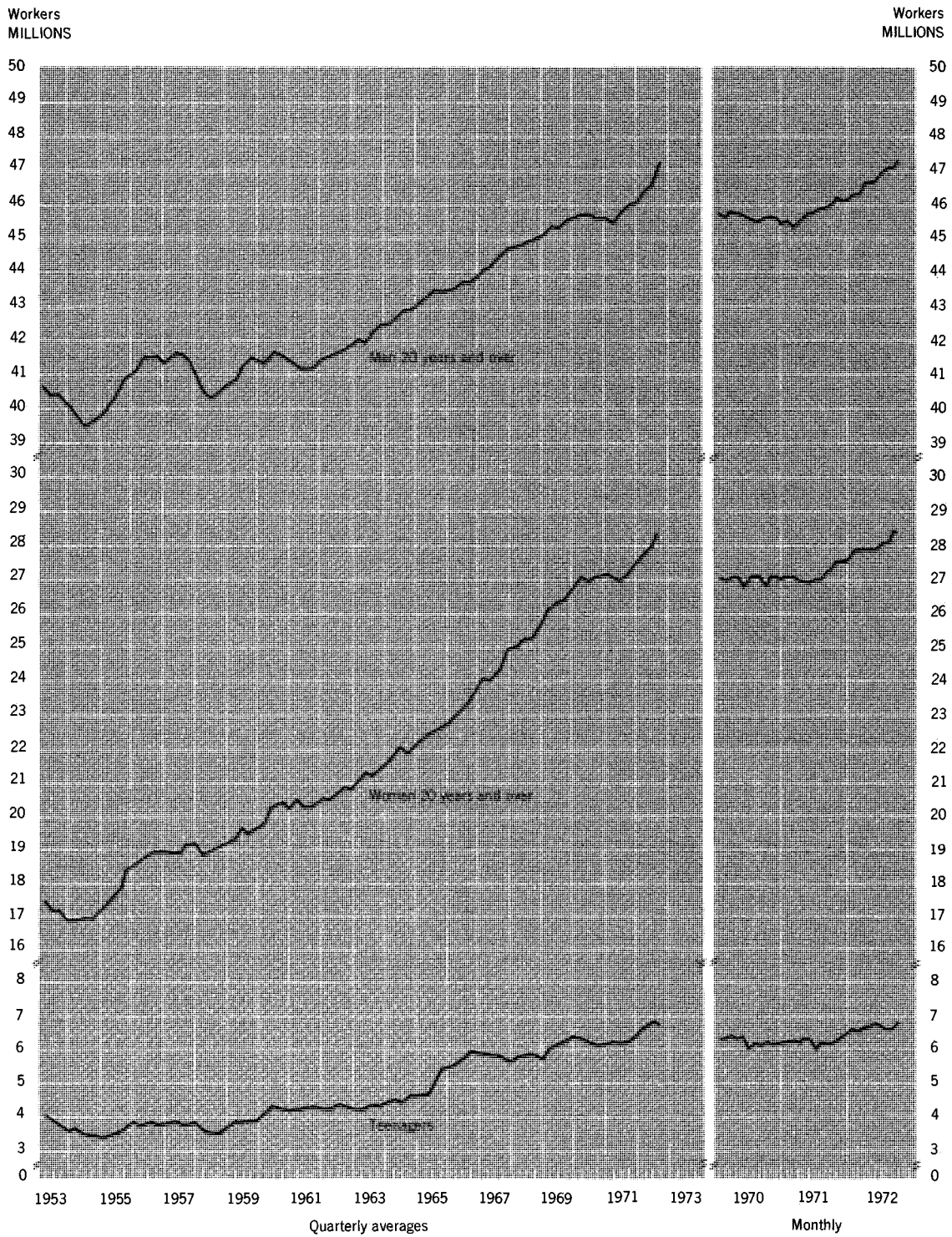
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

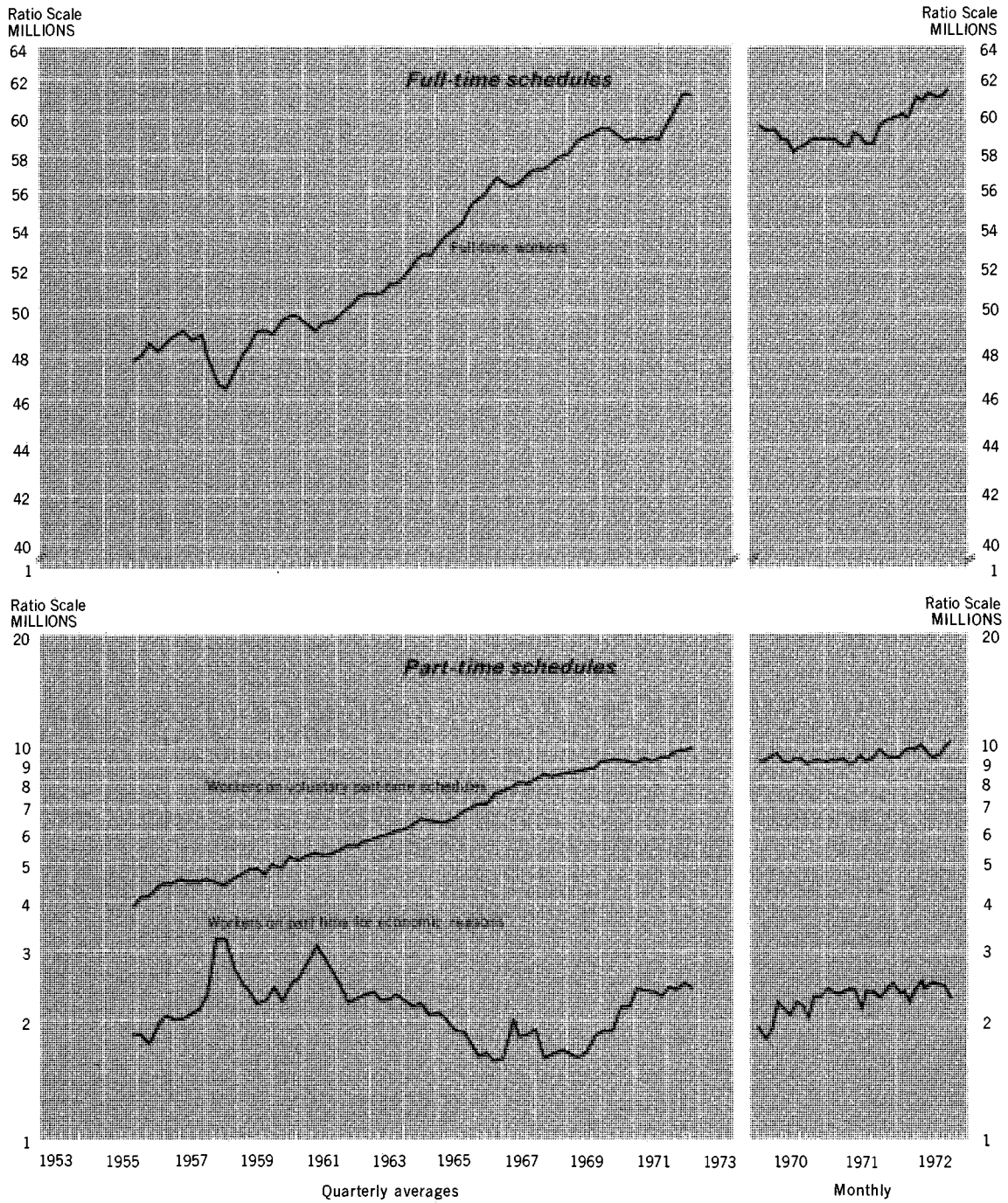
Source: Table B-5.

**Chart 5. Total employment by age and sex  
1953 to date**  
(Seasonally adjusted)



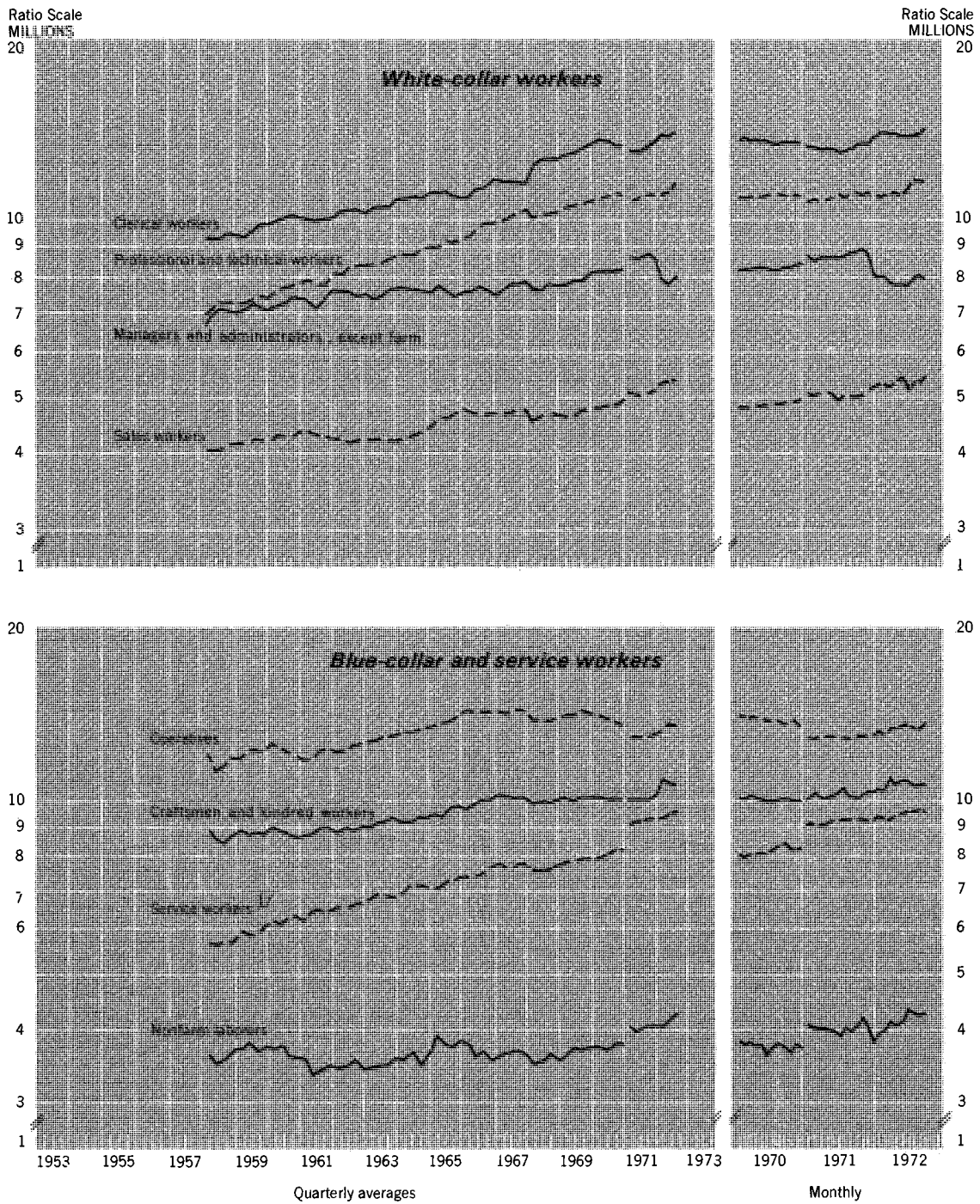
Source: Table A-29.

**Chart 6. Persons at work full and part time  
in nonagricultural industries  
1955 to date**  
(Seasonally adjusted)



Source: Table A-29 and unpublished data.

**Chart 7. Employment in nonfarm occupations  
1958 to date**  
(Seasonally adjusted)



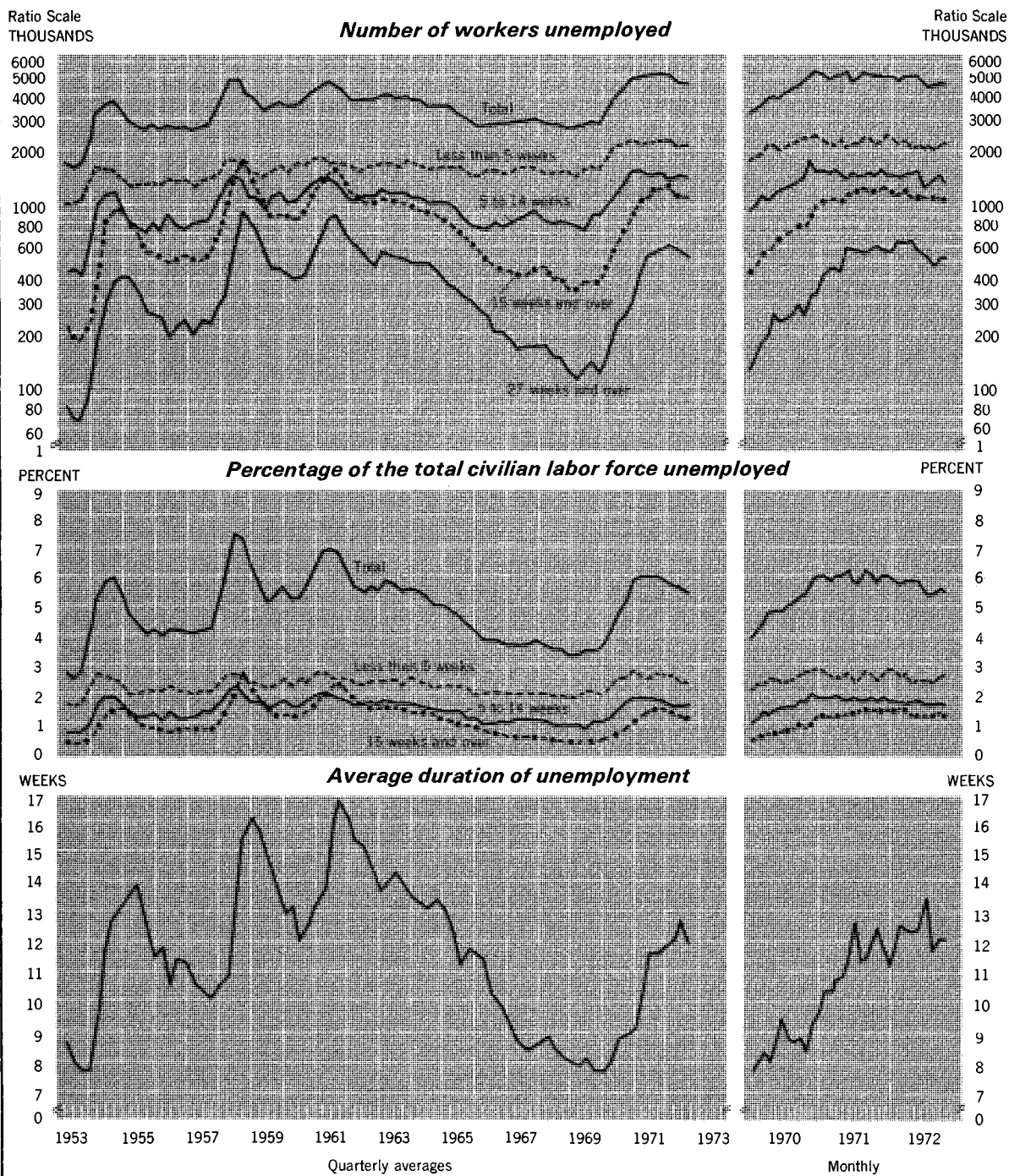
<sup>1</sup> Excludes private household workers.

Note: Comparisons with data prior to January 1971 are affected by the reclassification of census occupations that was introduced in that month, creating a break in series.

Source: Table A-37.

## Chart 8. Duration of unemployment 1953 to date

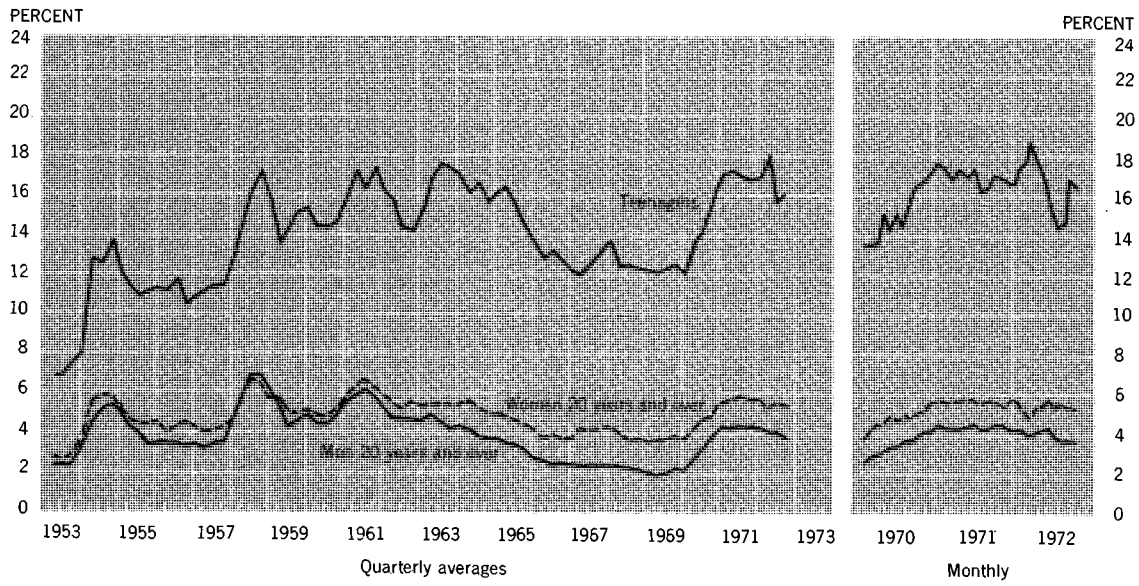
(Seasonally adjusted)



Source: Table A-32.

**Chart 9. Unemployment rates by age and sex  
1953 to date**

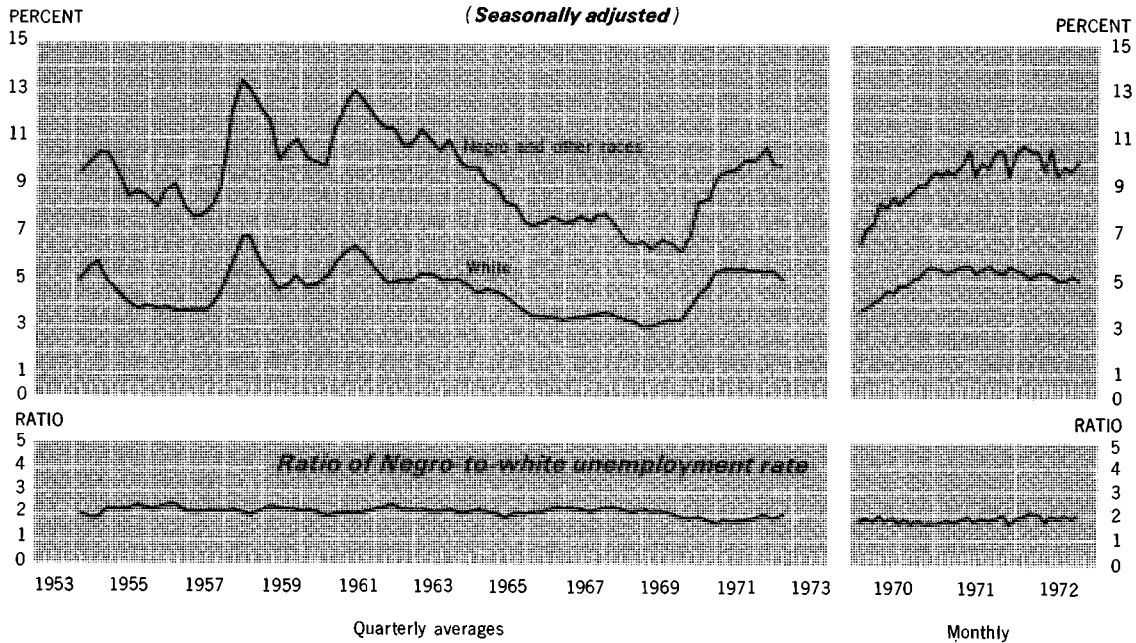
(Seasonally adjusted)



Source: Table A-33.

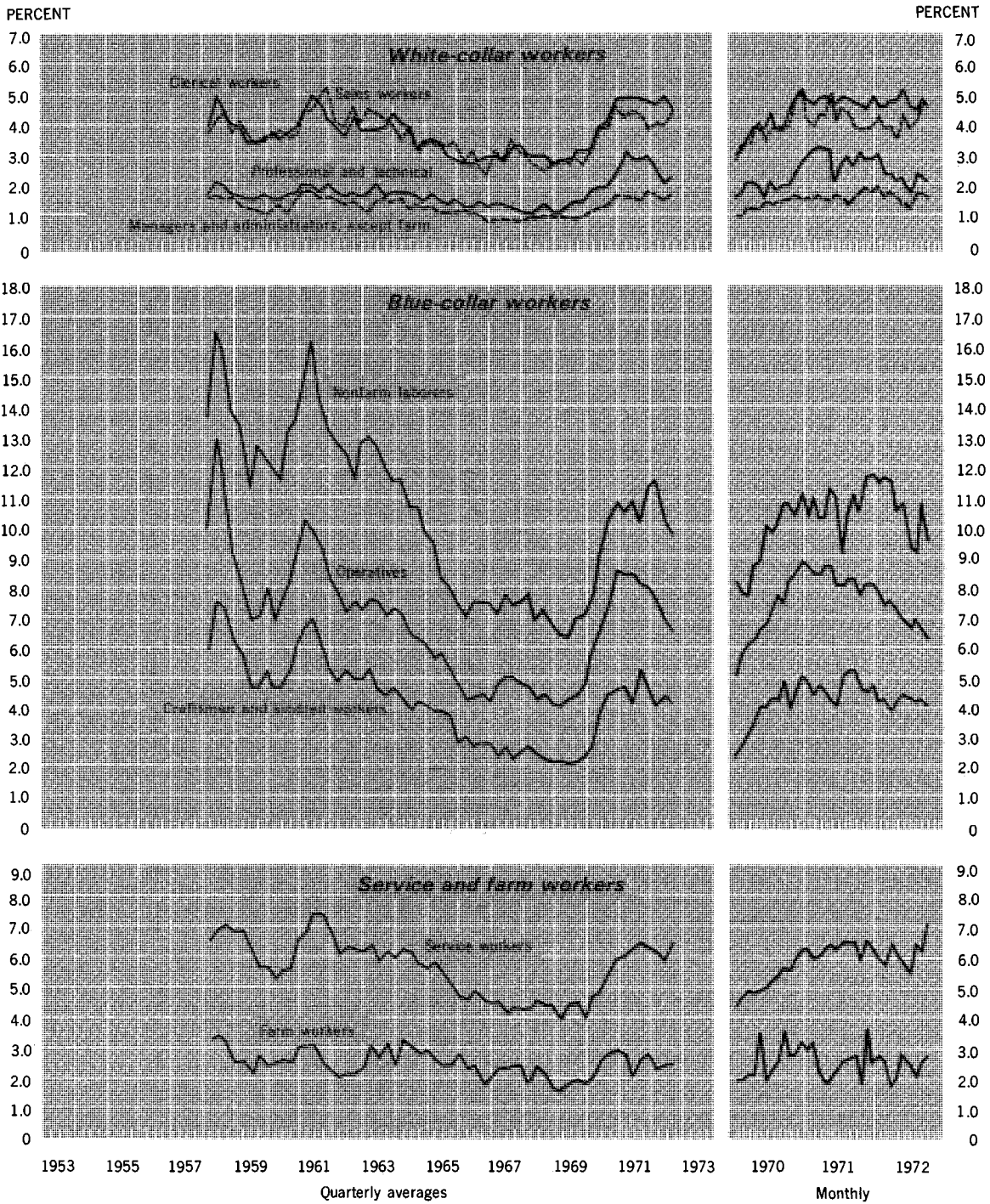
**Chart 10. Unemployment rates by color  
1954 to date**

(Seasonally adjusted)



Source: Table A-31.

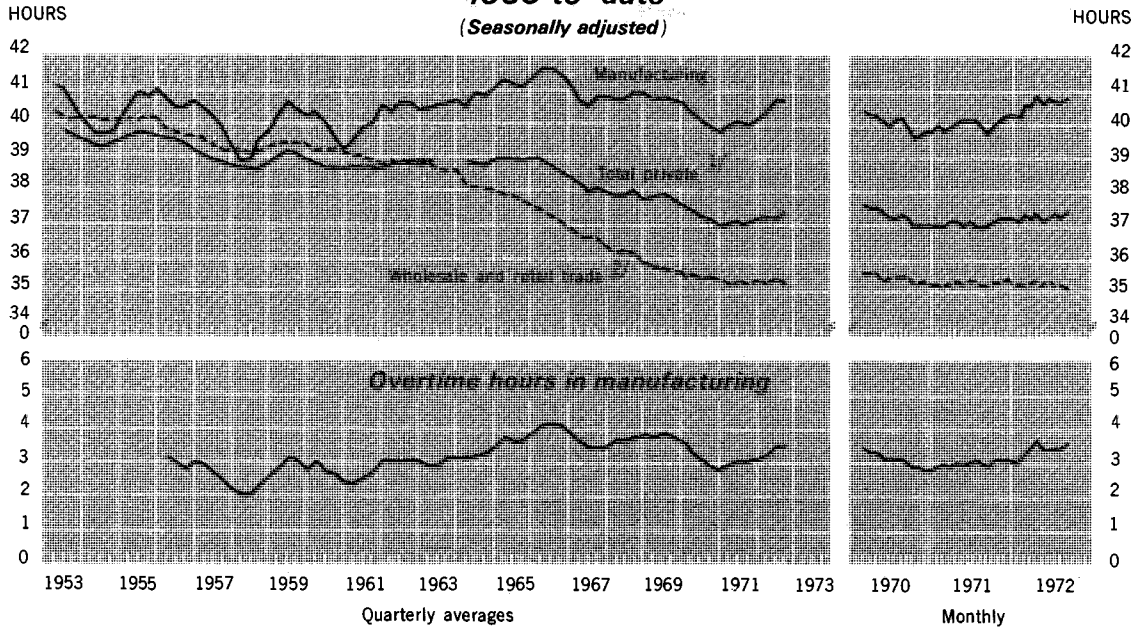
**Chart 11. Unemployment rates by occupation  
1958 to date**  
(Seasonally adjusted)



Source: Table A-33.

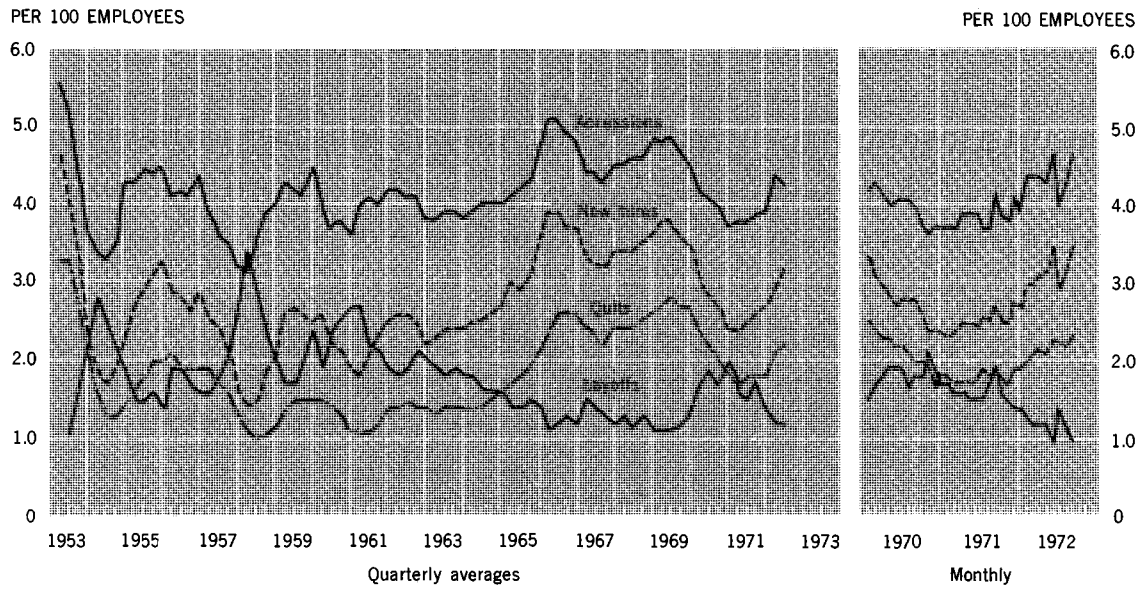


**Chart 12. Average weekly hours in private nonagricultural establishments, manufacturing and trade  
1953 to date  
(Seasonally adjusted)**



1/ Annual averages prior to 1964. Note: Data for 2 most recent months are preliminary.  
 2/ Beginning in 1964, data include eating and drinking establishments, not previously available. Source: Table C-7.

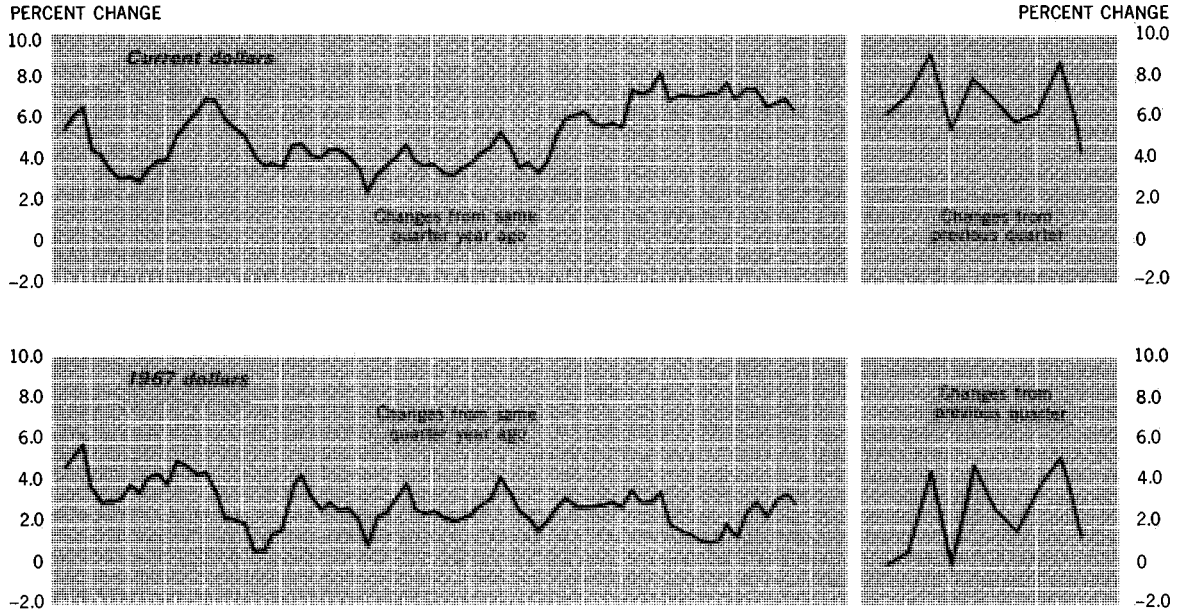
**Chart 13. Labor turnover rates in manufacturing  
1953 to date  
(Seasonally adjusted)**



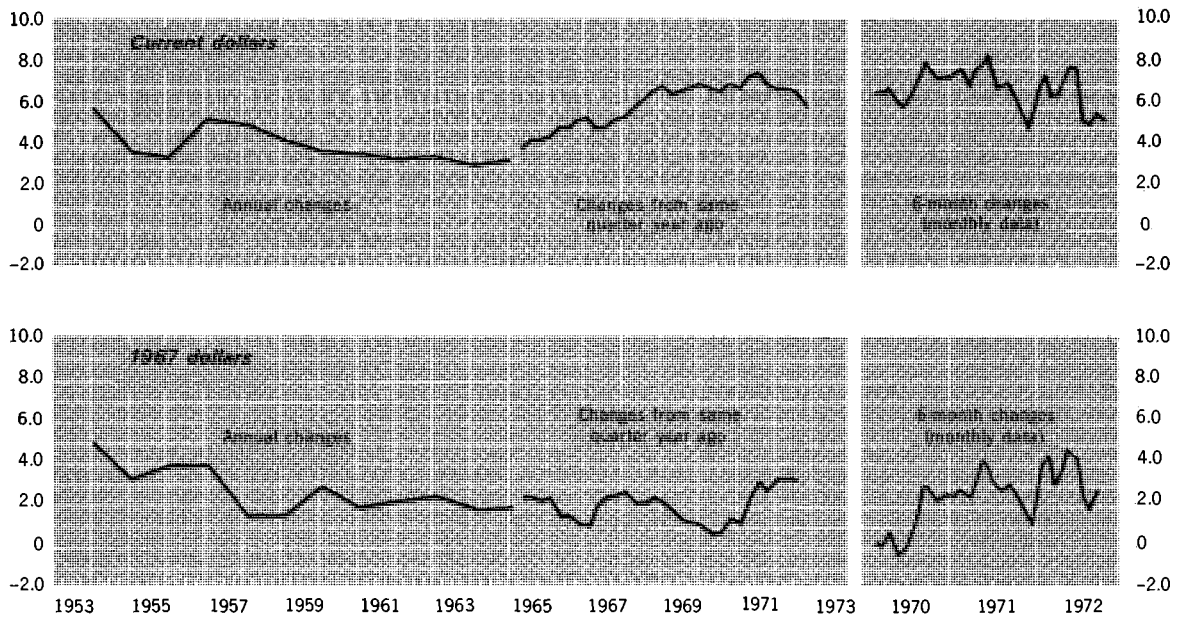
Note: Data for current month are preliminary Source: Table: D-3

**Chart 14. Major compensation trend indicators  
in the private nonfarm economy  
1953 to date**  
( Seasonally adjusted, at annual rates )

**Hourly compensation index, all employees**

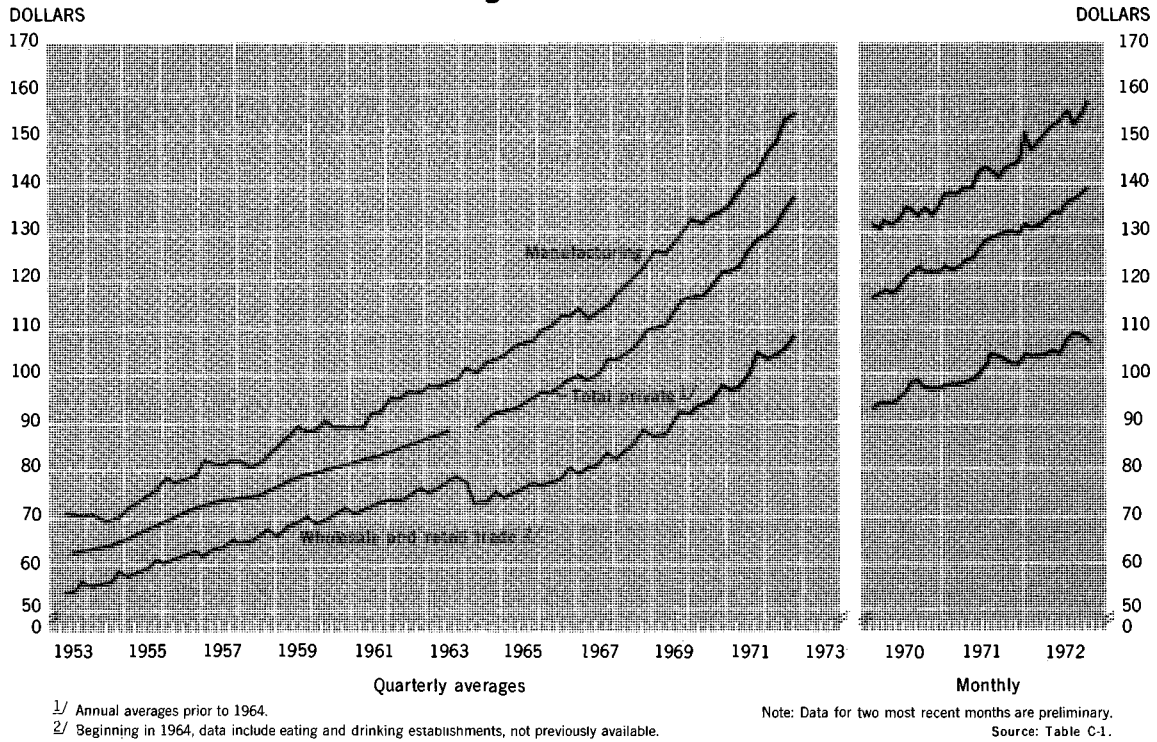


**Hourly earnings index, production or nonsupervisory employees**

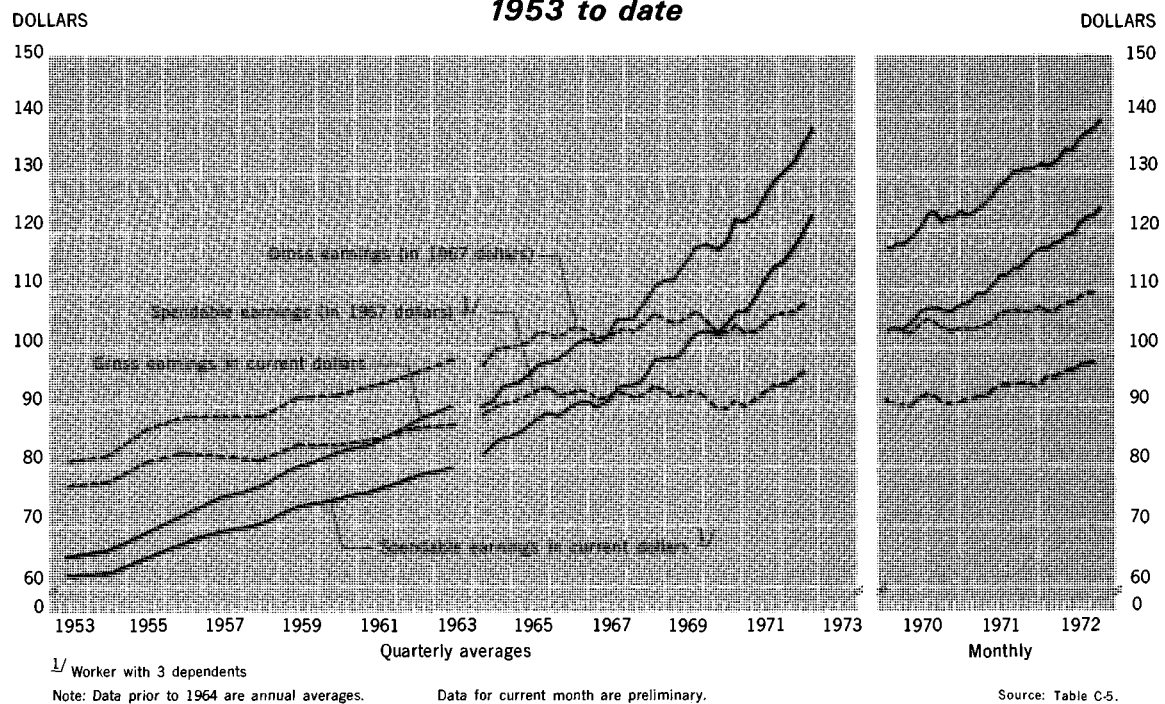


Source: Tables C-12, C-13, and C-15.

**Chart 15. Average weekly earnings in private nonagricultural establishments, manufacturing, and trade 1953 to date**



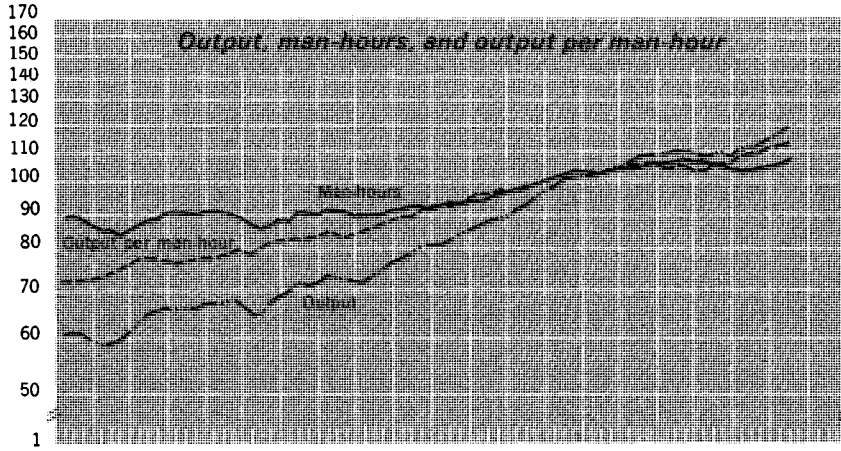
**Chart 16. Average weekly and spendable earnings of production or nonsupervisory workers on private nonagricultural payrolls 1953 to date**



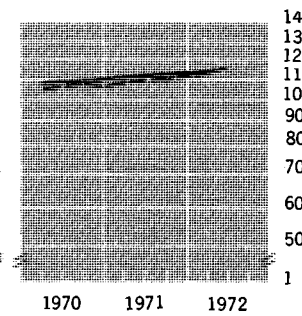
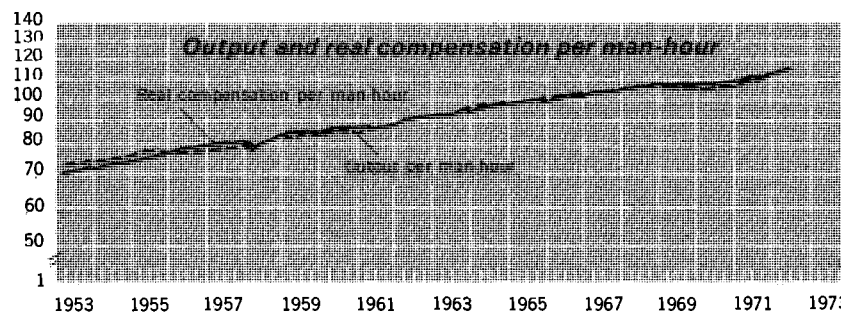
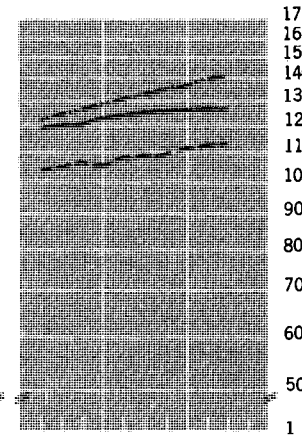
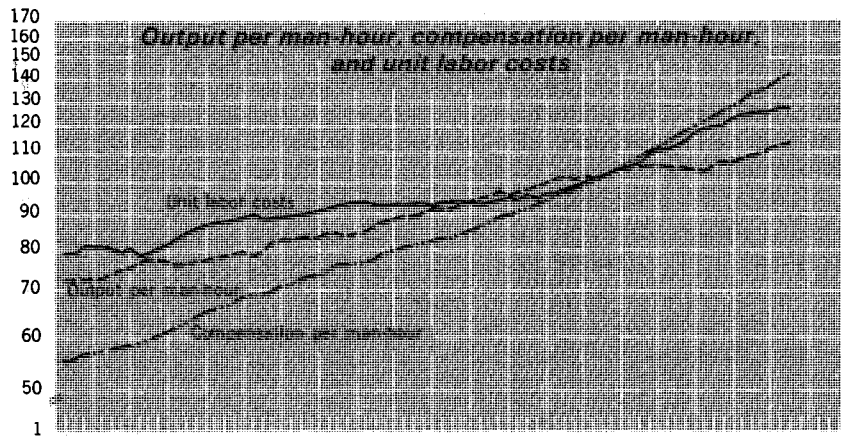
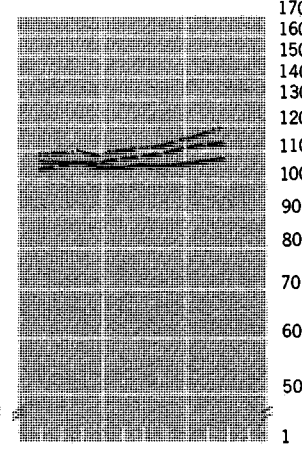
**Chart 17. Indexes of output per man-hour, hourly compensation, and unit labor costs in the private nonfarm economy 1953 to date**

*(Seasonally adjusted quarterly averages)*

RATIO SCALE  
INDEX (1967=100)



RATIO SCALE  
INDEX (1967=100)



Source: Table C-10

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

(In thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force							Not in labor force
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted	Seasonally adjusted	
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
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
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	55,724	2,852	4.4	-	44,660
1956.....	113,811	69,409	61.0	66,552	63,802	6,283	57,517	2,750	4.1	-	44,402
1957.....	115,065	69,729	60.6	66,929	64,071	5,947	58,123	2,859	4.3	-	45,336
1958.....	116,363	70,275	60.4	67,639	63,036	5,586	57,450	4,602	6.8	-	46,088
1959.....	117,881	70,921	60.2	68,369	64,630	5,565	59,065	3,740	5.5	-	46,960
1960.....	119,759	72,142	60.2	69,628	65,778	5,458	60,318	3,852	5.5	-	47,617
1961.....	121,343	73,031	60.2	70,459	65,746	5,200	60,546	4,714	6.7	-	48,312
1962.....	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	-	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	-	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	-	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	-	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	-	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	-	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	-	53,291
1969.....	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	-	53,602
1970.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	-	54,280
1971.....	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	-	55,666
1971: September.....	143,104	86,884	60.7	84,135	79,295	3,444	75,851	4,840	5.8	6.0	56,220
1971: December.....	143,723	87,541	60.9	84,883	80,188	2,948	77,240	4,695	5.5	6.0	56,181
1972: January.....	144,697	87,147	60.2	84,553	79,106	2,869	76,237	5,447	6.4	5.9	57,550
1972: February.....	144,895	87,318	60.3	84,778	79,366	2,909	76,458	5,412	6.4	5.7	57,577
1972: March.....	145,077	87,914	60.6	85,410	80,195	3,094	77,101	5,215	6.1	5.9	57,163
1972: April.....	145,227	87,787	60.4	85,324	80,627	3,287	77,339	4,697	5.5	5.9	57,440
1972: May.....	145,427	87,986	60.5	85,567	81,223	3,531	77,692	4,344	5.1	5.9	57,441
1972: June.....	145,639	90,448	62.1	88,055	82,629	3,976	78,653	5,426	6.2	5.5	55,191
1972: July.....	145,854	91,005	62.4	88,617	83,443	4,061	79,383	5,173	5.8	5.5	54,850
1972: August.....	146,069	90,758	62.1	88,362	83,505	4,031	79,475	4,857	5.5	5.6	55,311
1972: September.....	146,289	89,098	60.9	86,693	82,034	3,658	78,376	4,658	5.4	5.5	57,191

<sup>1</sup> Not available.  
 NOTE: Figures for periods prior to January 1972 are not strictly comparable with current data because of the introduction of 1970 Census data into the estimation procedures. For example, the civilian labor force and employment totals were increased by more than 300,000 as a result of the census adjustment. For an explanation of the changes and an indication of the differences, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.

## HOUSEHOLD DATA

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## A-2: Employment status of the noninstitutional population 16 years and over by sex, 1947 to date

(In thousands)

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force	
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
								Not seasonally adjusted	Seasonally adjusted		
<b>MALE</b>											
1947.....	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948.....	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949.....	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950.....	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952.....	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953.....	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954.....	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956.....	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8	-	7,633
1957.....	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958.....	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959.....	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960.....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	-	12,677
1970.....	67,409	53,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	-	13,066
1971.....	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	-	13,715
1971: September.....	68,748	54,609	79.4	51,900	49,476	2,806	46,670	2,424	4.7	5.4	14,138
December.....	69,033	54,566	79.0	51,948	49,164	2,474	46,689	2,784	5.4	5.4	14,467
1972: January.....	69,369	54,473	78.5	51,918	48,678	2,423	46,255	3,240	6.2	5.3	14,896
February.....	69,460	54,550	78.5	52,048	48,755	2,453	46,302	3,293	6.3	5.3	14,910
March.....	69,542	54,939	79.0	52,478	49,401	2,554	46,847	3,076	5.9	5.3	14,603
April.....	69,608	54,937	78.9	52,515	49,848	2,709	47,138	2,668	5.1	5.3	14,671
May.....	69,700	55,044	79.0	52,666	50,276	2,821	47,455	2,390	4.5	5.3	14,656
June.....	69,800	57,050	81.7	54,700	51,874	3,188	48,686	2,827	5.2	4.8	12,749
July.....	69,900	57,487	82.2	55,143	52,483	3,233	49,250	2,659	4.8	4.7	12,412
August.....	70,000	57,250	81.8	54,898	52,461	3,229	49,323	2,437	4.4	4.9	12,750
September.....	70,103	55,655	79.4	53,293	51,054	2,998	48,056	2,239	4.2	4.9	14,448
<b>FEMALE</b>											
1947.....	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948.....	53,088	17,351	32.7	17,335	16,618	1,271	15,347	717	4.1	-	35,737
1949.....	53,689	17,806	33.2	17,788	16,723	1,314	15,409	1,065	6.0	-	35,883
1950.....	54,293	18,412	33.9	18,389	17,340	1,159	16,182	1,049	5.7	-	35,881
1951.....	54,933	19,054	34.7	19,016	18,182	1,193	16,990	834	4.4	-	35,879
1952.....	55,575	19,314	34.8	19,269	18,570	1,112	17,459	698	3.6	-	36,261
1953.....	56,353	19,429	34.5	19,382	18,750	1,008	17,744	632	3.3	-	36,924
1954.....	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	-	37,247
1955.....	57,610	20,584	35.7	20,548	19,550	1,184	18,367	998	4.9	-	37,026
1956.....	58,264	21,495	36.9	21,461	20,422	1,244	19,177	1,039	4.8	-	36,769
1957.....	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	-	37,218
1958.....	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	-	37,574
1959.....	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	-	38,053
1960.....	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,343
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962.....	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	-	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	-	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	-	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	-	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	-	40,976
1969.....	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	-	40,924
1970.....	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	-	41,214
1971.....	74,084	32,132	43.4	32,091	29,875	598	29,277	2,217	6.9	-	41,952
1971: September.....	74,356	32,275	43.4	32,235	29,819	638	29,181	2,416	7.5	6.9	42,082
December.....	74,690	32,975	44.1	32,935	31,024	474	30,550	1,911	5.8	7.0	41,715
1972: January.....	75,328	32,675	43.4	32,635	30,428	446	29,982	2,207	6.8	6.9	42,653
February.....	75,435	32,769	43.4	32,730	30,611	455	30,156	2,119	6.5	6.4	42,667
March.....	75,535	32,975	43.7	32,933	30,794	539	30,254	2,139	6.5	6.8	42,560
April.....	75,619	32,850	43.4	32,809	30,779	578	30,201	2,030	6.2	6.8	42,769
May.....	75,727	32,942	43.5	32,901	30,947	710	30,238	1,954	5.9	6.8	42,785
June.....	75,839	33,397	44.0	32,354	30,755	788	29,967	2,599	7.8	6.5	42,442
July.....	75,955	33,517	44.1	32,474	30,960	827	30,133	2,514	7.5	6.9	42,437
August.....	76,069	33,508	44.0	33,464	31,044	802	30,242	2,420	7.2	6.8	42,561
September.....	76,186	33,443	43.9	33,400	30,980	600	30,320	2,420	7.2	6.7	42,743

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

**A - 3: Employment status of the noninstitutional population by sex, age, and color**  
September 1972  
(In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALE</b>											
16 years and over .....	55,655	79.4	53,293	51,054	2,239	4.2	14,448	198	4,320	1,744	8,185
16 to 21 years .....	7,546	64.0	6,712	5,836	875	13.0	4,239	14	3,722	46	458
16 to 19 years .....	4,540	56.5	4,210	3,574	636	15.1	3,498	8	3,139	32	318
16 and 17 years .....	1,815	44.2	1,784	1,430	354	19.9	2,292	9	2,132	8	144
18 and 19 years .....	2,725	69.3	2,426	2,145	282	11.6	1,206	--	1,008	25	174
20 to 64 years .....	49,021	91.2	46,989	45,463	1,526	3.2	4,720	92	1,180	1,199	2,249
20 to 24 years .....	7,809	85.9	6,755	6,217	538	8.0	1,283	11	916	57	299
25 to 54 years .....	34,071	95.3	33,095	32,281	815	2.5	1,692	56	257	618	762
25 to 29 years .....	7,088	95.2	6,717	6,470	248	3.7	356	3	167	50	136
30 to 34 years .....	5,896	97.2	5,660	5,524	136	2.4	168	8	48	57	55
35 to 39 years .....	5,216	96.5	5,000	4,890	111	2.2	189	9	19	65	97
40 to 44 years .....	5,415	96.5	5,311	5,206	105	2.0	198	9	13	72	104
45 to 49 years .....	5,416	94.5	5,382	5,286	96	1.8	317	17	6	146	149
50 to 54 years .....	5,041	91.6	5,025	4,906	119	2.4	465	11	5	229	221
55 to 64 years .....	7,142	80.4	7,139	6,966	173	2.4	1,744	25	8	524	1,187
55 to 59 years .....	4,157	87.0	4,154	4,066	88	2.1	621	14	4	239	363
60 to 64 years .....	2,985	72.7	2,985	2,900	85	2.8	1,123	11	3	284	825
65 years and over .....	2,094	25.2	2,094	2,017	77	3.7	6,230	98	1	513	5,618
65 to 69 years .....	1,221	38.5	1,221	1,168	53	4.4	1,949	19	1	160	1,769
70 years and over .....	873	16.9	873	849	24	2.7	4,281	79	--	353	3,849
<b>White</b>											
16 years and over .....	50,066	80.1	47,995	46,160	1,835	3.8	12,463	149	3,603	1,388	7,323
16 to 21 years .....	6,698	65.7	5,971	5,245	725	12.1	3,493	8	3,067	38	380
16 to 19 years .....	4,078	58.9	3,790	3,265	526	13.9	2,847	6	2,566	25	250
16 and 17 years .....	1,655	46.9	1,627	1,326	301	18.5	1,873	5	1,744	6	118
18 and 19 years .....	2,423	71.3	2,164	1,939	225	10.4	974	--	822	19	133
20 to 64 years .....	44,081	91.7	42,298	41,053	1,245	2.9	3,968	71	1,036	941	1,921
20 to 24 years .....	6,850	86.0	5,921	5,491	430	7.3	1,115	7	806	41	261
25 to 54 years .....	30,670	95.8	29,820	29,163	657	2.2	1,330	40	223	474	593
25 to 34 years .....	11,619	96.4	11,092	10,805	287	2.6	430	9	190	81	149
35 to 44 years .....	9,537	97.2	9,259	9,075	185	2.0	275	13	24	93	145
45 to 54 years .....	9,514	93.8	9,468	9,283	185	2.0	624	18	8	299	299
55 to 64 years .....	6,560	81.2	6,557	6,399	158	2.4	1,523	24	8	426	1,066
55 to 59 years .....	3,823	87.8	3,820	3,738	82	2.2	531	13	4	195	319
60 to 64 years .....	2,737	73.4	2,737	2,661	76	2.8	992	11	3	231	747
65 years and over .....	1,907	25.2	1,907	1,842	65	3.4	5,648	73	1	422	5,152
<b>Negro and other races</b>											
16 years and over .....	5,589	73.8	5,298	4,894	404	7.6	1,985	49	717	356	863
16 to 21 years .....	849	53.2	741	591	150	20.2	746	7	655	7	78
16 to 19 years .....	462	41.5	420	310	110	26.3	651	3	573	7	68
16 and 17 years .....	160	27.7	157	104	53	33.9	419	3	388	1	26
18 and 19 years .....	302	56.6	263	206	57	21.6	232	--	185	6	41
20 to 64 years .....	4,941	86.8	4,692	4,411	281	6.0	752	21	144	258	329
20 to 24 years .....	958	85.1	834	726	108	13.0	168	4	110	16	39
25 to 54 years .....	3,400	90.3	3,277	3,118	158	4.8	363	17	34	145	168
25 to 34 years .....	1,364	93.6	1,285	1,189	97	7.5	94	2	24	25	42
35 to 44 years .....	1,093	90.8	1,052	1,021	31	3.0	111	5	7	43	56
45 to 54 years .....	943	85.7	939	908	30	3.2	158	10	2	76	70
55 to 64 years .....	581	72.5	581	566	15	2.5	221	1	--	98	122
55 to 59 years .....	334	78.8	333	328	6	1.7	90	1	--	44	44
60 to 64 years .....	248	65.4	248	239	9	3.6	131	--	--	53	78
65 years and over .....	186	24.3	186	174	12	6.5	582	25	--	91	466

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-3: Employment status of the noninstitutional population by sex, age, and color--Continued  
September 1972  
(In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALE</b>											
16 years and over	33,443	43.9	33,400	30,980	2,420	7.2	42,743	35,539	4,082	953	2,169
16 to 21 years	5,548	48.1	5,528	4,624	904	16.4	5,980	1,789	3,773	24	393
16 to 19 years	3,381	43.2	3,372	2,749	623	18.5	4,437	841	3,297	16	282
16 and 17 years	1,365	34.2	1,365	1,099	265	19.4	2,621	216	2,305	7	93
18 and 19 years	2,016	52.6	2,007	1,650	357	17.8	1,816	625	993	9	189
20 to 64 years	28,945	51.1	28,911	27,161	1,750	6.1	27,746	25,638	772	364	972
20 to 24 years	5,382	59.5	5,359	4,788	571	10.7	3,662	2,836	613	23	191
25 to 54 years	19,318	51.4	19,306	18,240	1,065	5.5	18,279	17,441	152	186	500
25 to 29 years	3,771	49.7	3,766	3,491	275	7.3	3,819	3,633	75	25	86
30 to 34 years	2,898	46.3	2,896	2,677	219	7.6	3,362	3,234	28	20	80
35 to 39 years	2,848	50.4	2,847	2,664	183	6.4	2,806	2,672	26	26	82
40 to 44 years	3,188	53.8	3,186	3,028	158	5.0	2,732	2,629	16	29	58
45 to 49 years	3,424	55.4	3,423	3,279	144	4.2	2,759	2,633	4	39	83
50 to 54 years	3,189	53.2	3,189	3,102	87	2.7	2,802	2,640	3	47	112
55 to 64 years	4,246	42.2	4,246	4,132	114	2.7	5,806	5,361	7	155	282
55 to 59 years	2,603	49.1	2,603	2,515	88	3.4	2,693	2,519	2	66	107
60 to 64 years	1,643	34.5	1,643	1,617	26	1.6	3,112	2,843	6	89	175
65 years and over	1,117	9.6	1,117	1,070	47	4.2	10,560	9,060	12	573	915
45 to 69 years	677	17.2	677	640	37	5.5	3,265	2,961	5	72	227
70 years and over	439	5.7	439	430	9	2.1	7,294	6,099	7	501	687
<b>White</b>											
16 years and over	29,204	43.3	29,166	27,278	1,888	6.5	38,198	32,257	3,351	734	1,856
16 to 21 years	4,950	50.1	4,932	4,251	681	13.8	4,939	1,514	3,106	18	301
16 to 19 years	3,058	45.7	3,051	2,569	482	15.8	3,629	705	2,705	10	209
16 and 17 years	1,276	37.5	1,276	1,045	231	18.1	2,123	178	1,882	5	58
18 and 19 years	1,782	54.2	1,775	1,524	251	14.1	1,506	527	823	5	151
20 to 64 years	25,155	50.3	25,125	23,762	1,365	5.4	24,871	23,142	635	259	835
20 to 24 years	4,682	59.8	4,663	4,235	428	9.2	3,146	2,483	503	15	145
25 to 54 years	16,638	50.3	16,627	15,790	837	5.0	16,446	15,757	125	131	434
25 to 34 years	5,609	46.3	5,602	5,224	378	6.7	6,503	6,248	86	29	140
35 to 44 years	5,157	51.1	5,154	4,878	276	5.3	4,941	4,742	33	44	122
45 to 54 years	5,873	54.0	5,872	5,688	183	3.1	5,002	4,767	5	58	171
55 to 64 years	3,836	42.1	3,836	3,737	99	2.6	5,278	4,902	8	112	257
55 to 59 years	2,360	49.2	2,360	2,285	75	3.2	2,441	2,292	2	50	97
60 to 64 years	1,476	34.2	1,476	1,451	24	1.6	2,838	2,610	6	62	159
65 years and over	990	9.3	990	947	42	4.3	9,698	8,410	11	465	812
<b>Negro and other races</b>											
16 years and over	4,239	48.3	4,234	3,702	532	12.6	4,545	3,282	731	219	313
16 to 21 years	599	36.5	596	373	223	37.4	1,041	275	667	7	92
16 to 19 years	322	28.5	321	180	141	43.9	807	136	592	6	73
16 and 17 years	88	15.1	88	54	35	39.2	497	37	422	2	35
18 and 19 years	234	43.0	233	126	106	45.7	310	99	170	4	38
20 to 64 years	3,790	56.9	3,786	3,399	387	10.2	2,875	2,496	137	105	137
20 to 24 years	699	57.5	696	554	143	20.5	516	353	110	8	46
25 to 54 years	2,680	59.4	2,679	2,451	228	8.5	1,833	1,684	27	54	66
25 to 34 years	1,060	61.0	1,060	944	116	10.9	678	619	17	16	25
35 to 44 years	879	59.6	879	814	65	7.4	597	559	10	11	17
45 to 54 years	740	57.0	740	693	48	6.4	558	505	1	28	24
55 to 64 years	410	43.8	410	395	15	3.7	527	459	--	43	25
55 to 59 years	243	49.0	243	229	14	5.6	252	227	--	17	10
60 to 64 years	167	37.8	167	166	2	1.1	275	233	--	27	16
65 years and over	127	12.9	127	123	4	3.4	862	650	1	108	103

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A - 4: Labor force by sex, age, and color

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
<b>MALE</b>								
16 years and over .....	55,655	54,609	79.4	79.4	53,293	51,900	78.7	78.6
16 to 19 years .....	4,540	4,166	56.5	53.5	4,210	3,835	54.6	51.5
16 and 17 years .....	1,815	1,695	44.2	42.5	1,784	1,667	43.8	42.1
18 and 19 years .....	2,725	2,471	69.3	65.1	2,426	2,168	66.8	62.1
20 to 24 years .....	7,809	7,612	85.9	85.2	6,755	6,252	84.0	82.5
25 to 54 years .....	34,071	33,563	95.3	95.6	33,095	32,548	95.1	95.5
25 to 34 years .....	12,984	12,379	96.1	96.3	12,377	11,771	95.9	96.1
35 to 44 years .....	10,630	10,661	96.5	96.7	10,311	10,313	96.4	96.6
45 to 54 years .....	10,457	10,522	93.0	93.9	10,407	10,463	93.0	93.8
55 to 64 years .....	7,142	7,127	80.4	81.7	7,139	7,124	80.4	81.7
55 to 59 years .....	4,157	4,214	87.0	88.3	4,154	4,211	87.0	88.3
60 to 64 years .....	2,985	2,913	72.7	73.7	2,985	2,912	72.7	73.7
65 years and over .....	2,094	2,141	25.2	26.1	2,094	2,141	25.2	26.1
<b>White</b>								
16 years and over .....	50,066	49,099	80.1	79.9	47,995	46,695	79.4	79.1
16 to 19 years .....	4,078	3,746	58.9	55.6	3,790	3,452	57.1	53.6
16 and 17 years .....	1,655	1,572	46.9	45.7	1,627	1,546	46.5	45.2
18 and 19 years .....	2,423	2,174	71.3	66.0	2,164	1,906	69.0	63.0
20 to 24 years .....	6,850	6,685	86.0	85.4	5,921	5,468	84.2	82.7
25 to 54 years .....	30,670	30,182	95.8	96.1	29,820	29,293	95.7	96.0
25 to 34 years .....	11,619	11,024	96.4	96.6	11,092	10,492	96.3	96.5
35 to 44 years .....	9,537	9,575	97.2	97.2	9,259	9,273	97.1	97.1
45 to 54 years .....	9,514	9,582	93.8	94.5	9,468	9,528	93.8	94.5
55 to 64 years .....	6,560	6,514	81.2	82.0	6,557	6,510	81.1	82.0
55 to 59 years .....	3,823	3,841	87.8	88.6	3,820	3,838	87.0	88.6
60 to 64 years .....	2,737	2,672	73.4	74.1	2,737	2,672	73.4	74.1
65 years and over .....	1,907	1,972	25.2	26.2	1,907	1,972	25.2	26.2
<b>Negro and other races</b>								
16 years and over .....	5,587	5,511	73.8	75.2	5,298	5,205	72.7	74.1
16 to 19 years .....	462	420	41.5	40.2	420	383	39.2	38.0
16 and 17 years .....	160	123	27.7	22.6	157	121	27.3	22.2
18 and 19 years .....	302	297	56.6	59.3	263	262	53.1	56.3
20 to 24 years .....	958	927	85.1	83.6	834	785	83.2	81.2
25 to 54 years .....	3,400	3,381	90.3	91.5	3,277	3,255	90.1	91.1
25 to 34 years .....	1,364	1,355	93.6	93.5	1,285	1,280	93.2	93.1
35 to 44 years .....	1,093	1,086	90.8	92.5	1,052	1,040	90.4	92.2
45 to 54 years .....	943	940	85.7	87.5	939	935	85.6	87.5
55 to 64 years .....	581	613	72.5	78.8	581	613	72.5	78.8
55 to 59 years .....	334	373	78.8	85.9	333	373	78.8	85.9
60 to 64 years .....	248	240	65.4	69.9	248	240	65.4	69.9
65 years and over .....	186	169	24.3	24.2	186	169	24.3	24.2

NOTE: See note, Table A-1, regarding the introduction of 1970 census population controls.

A-4: Labor force by sex, age, and color--Continued

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
<b>FEMALE</b>								
16 years and over .....	33,443	32,275	43.9	43.4	33,400	32,235	43.9	43.4
16 to 19 years .....	3,381	3,167	43.2	41.5	3,372	3,158	43.2	41.5
16 and 17 years .....	1,365	1,249	34.2	32.0	1,365	1,249	34.2	32.0
18 and 19 years .....	2,016	1,918	52.6	51.4	2,007	1,909	52.5	51.3
20 to 24 years .....	5,382	5,190	59.5	58.5	5,359	5,170	59.4	58.4
25 to 34 years .....	19,318	18,657	51.4	50.7	19,306	18,645	51.4	50.7
25 to 34 years .....	6,669	6,065	48.2	46.2	6,661	6,059	48.1	46.1
35 to 44 years .....	6,036	5,947	52.2	51.6	6,033	5,944	52.1	51.6
45 to 54 years .....	6,613	6,645	54.3	54.8	6,612	6,643	54.3	54.8
55 to 64 years .....	4,246	4,214	42.2	42.7	4,246	4,214	42.2	42.7
55 to 59 years .....	2,603	2,579	49.1	48.8	2,603	2,579	49.1	48.8
60 to 64 years .....	1,643	1,635	34.5	35.8	1,643	1,635	34.5	35.8
65 years and over .....	1,117	1,047	9.6	9.3	1,117	1,047	9.6	9.3
<b>White</b>								
16 years and over .....	29,204	28,121	43.3	42.6	29,166	28,085	43.3	42.6
16 to 19 years .....	3,058	2,856	45.7	43.6	3,051	2,849	45.7	43.5
16 and 17 years .....	1,276	1,149	37.5	34.4	1,276	1,149	37.5	34.4
18 and 19 years .....	1,782	1,708	54.2	53.2	1,775	1,700	54.1	53.1
20 to 24 years .....	4,682	4,527	59.8	58.8	4,663	4,510	59.7	58.7
25 to 34 years .....	16,638	16,047	50.3	49.5	16,627	16,037	50.3	49.4
25 to 34 years .....	5,609	5,081	46.3	44.2	5,602	5,075	46.3	44.2
35 to 44 years .....	5,157	5,082	51.1	50.3	5,154	5,079	51.1	50.3
45 to 54 years .....	5,873	5,885	54.0	54.2	5,872	5,883	54.0	54.2
55 to 64 years .....	3,836	3,754	42.1	42.0	3,836	3,754	42.1	42.0
55 to 59 years .....	2,360	2,293	49.2	48.0	2,360	2,293	49.2	48.0
60 to 64 years .....	1,476	1,461	34.2	35.1	1,476	1,461	34.2	35.1
65 years and over .....	990	937	9.3	9.1	990	937	9.3	9.1
<b>Negro and other races</b>								
16 years and over .....	4,239	4,154	48.3	49.4	4,234	4,149	48.2	49.4
16 to 19 years .....	322	310	28.5	28.8	321	309	28.5	28.7
16 and 17 years .....	88	100	15.1	18.0	88	100	15.1	18.0
18 and 19 years .....	234	210	43.0	40.5	233	209	42.9	40.4
20 to 24 years .....	699	663	57.5	56.4	696	661	57.4	56.3
25 to 34 years .....	2,680	2,610	59.4	60.0	2,679	2,609	59.4	60.0
25 to 34 years .....	1,060	984	61.0	59.8	1,060	984	61.0	59.8
35 to 44 years .....	879	865	59.6	60.6	879	865	59.6	60.6
45 to 54 years .....	740	760	57.0	59.5	740	760	57.0	59.5
55 to 64 years .....	410	460	43.8	50.2	410	460	43.8	50.2
55 to 59 years .....	243	286	49.0	55.8	243	286	49.0	55.8
60 to 64 years .....	167	174	37.8	43.2	167	174	37.8	43.2
65 years and over .....	127	111	12.9	12.5	127	111	12.9	12.5

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex  
September 1972  
(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	23,314	11,786	11,529	20,079	10,190	9,888	3,235	1,595	1,640
Total labor force	13,095	7,346	5,748	11,647	6,698	4,950	1,448	849	599
Percent of population	56.2	64.0	48.1	58.0	65.7	50.1	44.7	53.2	36.5
Civilian labor force	12,240	6,712	5,528	10,903	5,971	4,932	1,337	741	596
Employed	10,460	5,836	4,624	9,496	5,245	4,251	964	591	373
Agriculture	500	429	71	458	391	67	42	38	4
Nonagricultural industries	9,960	5,407	4,553	9,038	4,854	4,184	922	553	369
Unemployed	1,779	875	904	1,407	725	681	373	150	223
Percent of labor force	14.5	13.0	16.4	12.9	12.1	13.8	27.9	20.2	37.4
Looking for full-time work	979	449	529	747	362	385	232	88	144
Looking for part-time work	801	426	374	660	364	296	141	62	79
Not in labor force	10,219	4,239	5,980	8,432	3,493	4,939	1,788	746	1,041
Major activity: going to school									
Civilian labor force	3,197	1,791	1,407	2,950	1,653	1,296	248	137	110
Employed	2,488	1,384	1,104	2,356	1,300	1,057	132	85	47
Agriculture	163	146	17	156	138	17	7	7	--
Nonagricultural industries	2,325	1,239	1,086	2,201	1,161	1,039	125	78	47
Unemployed	709	406	303	593	354	240	116	53	64
Percent of labor force	22.2	22.7	21.5	20.1	21.4	18.5	46.9	38.3	57.6
Looking for full-time work	40	19	21	32	19	12	8	--	8
Looking for part-time work	670	387	282	561	334	227	108	53	55
Not in labor force	7,495	3,722	3,773	6,173	3,067	3,106	1,322	655	667
Major activity: other									
Civilian labor force	9,042	4,921	4,121	7,953	4,317	3,636	1,089	604	485
Employed	7,972	4,452	3,520	7,140	3,946	3,194	833	506	326
Agriculture	337	284	53	302	253	49	35	31	4
Nonagricultural industries	7,635	4,168	3,467	6,838	3,693	3,145	798	475	322
Unemployed	1,070	469	601	814	372	442	256	97	159
Percent of labor force	11.8	9.5	14.6	10.2	8.6	12.2	23.5	16.1	32.8
Looking for full-time work	939	430	509	715	342	373	224	88	136
Looking for part-time work	131	39	92	98	30	69	33	9	23
Not in labor force	2,724	518	2,207	2,259	426	1,833	466	92	374

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A- 6: Employment status of the noninstitutional population 16 years and over by sex, age, and color  
(In thousands)

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
	<b>Total</b>							
Total noninstitutional population	146,289	143,104	62,065	60,966	68,369	66,730	15,856	15,408
Total labor force	89,098	86,884	51,115	50,443	30,062	29,108	7,921	7,333
Percent of population	60.9	60.7	82.4	82.7	44.0	43.6	50.0	47.6
Civilian labor force	86,693	84,135	49,083	48,065	30,028	29,077	7,582	6,993
Employed	82,034	79,295	47,480	46,236	28,231	27,256	6,324	5,803
Agriculture	3,658	3,444	2,682	2,484	606	592	370	368
Nonagricultural industries	78,376	75,851	44,798	43,752	27,624	26,664	5,953	5,435
Unemployed	4,658	4,840	1,603	1,829	1,797	1,821	1,258	1,190
Percent of labor force	5.4	5.8	3.3	3.8	6.0	6.3	16.6	17.0
Not in labor force	57,191	56,220	10,950	10,522	38,306	37,622	7,935	8,075
<b>White</b>								
Total noninstitutional population	129,931	127,374	55,604	54,683	60,715	59,406	13,613	13,285
Total labor force	79,270	77,220	45,988	45,353	26,145	25,265	7,136	6,602
Percent of population	61.0	60.6	82.7	82.9	43.1	42.5	52.4	49.7
Civilian labor force	77,161	74,781	44,205	43,243	26,115	25,237	6,841	6,301
Employed	73,438	70,868	42,895	41,759	24,709	23,780	5,834	5,330
Agriculture	3,336	3,156	2,441	2,266	556	539	339	352
Nonagricultural industries	70,102	67,712	40,455	39,493	24,152	23,240	5,495	4,979
Unemployed	3,723	3,912	1,310	1,485	1,407	1,457	1,007	971
Percent of labor force	4.8	5.2	3.0	3.4	5.4	5.8	14.7	15.4
Not in labor force	50,662	50,155	9,616	9,331	34,569	34,141	6,477	6,683
<b>Negro and other races</b>								
Total noninstitutional population	16,358	15,730	6,461	6,282	7,654	7,325	2,243	2,122
Total labor force	9,828	9,665	5,127	5,091	3,917	3,843	785	730
Percent of population	60.1	61.4	79.4	81.0	51.2	52.5	35.0	34.4
Civilian labor force	9,532	9,354	4,878	4,822	3,913	3,840	741	692
Employed	8,597	8,426	4,585	4,478	3,522	3,476	490	473
Agriculture	322	288	241	219	50	53	31	16
Nonagricultural industries	8,275	8,139	4,344	4,259	3,472	3,423	459	457
Unemployed	935	927	293	344	391	364	251	219
Percent of labor force	9.8	9.9	6.0	7.1	10.0	9.5	33.9	31.9
Not in labor force	6,530	6,065	1,334	1,192	3,737	3,481	1,458	1,392

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-7: Full- and part-time status of the civilian labor force by color, sex, and age

September 1972  
(Numbers in thousands)

Age and sex	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Total, 16 years and over	74,168	68,368	2,460	3,340	4.5	12,525	11,207	1,318	10.5
16 to 21 years	7,772	6,185	609	979	12.6	4,467	3,667	801	17.9
16 to 19 years	3,933	2,964	379	589	15.0	3,649	2,980	669	18.3
16 to 17 years	709	443	121	145	20.4	2,439	1,965	475	19.5
18 to 19 years	3,224	2,521	258	444	13.8	1,210	1,015	195	16.1
20 years and over	70,235	65,404	2,080	2,751	3.9	8,876	8,227	649	7.3
20 to 24 years	10,557	9,194	465	898	8.5	1,557	1,346	211	13.6
25 years and over	59,678	56,210	1,616	1,852	3.1	7,318	6,881	438	6.0
25 to 54 years	47,678	44,957	1,177	1,544	3.2	4,723	4,389	335	7.1
55 years and over	12,000	11,253	439	308	2.6	2,595	2,492	103	4.0
<b>Males, 16 years and over</b>	48,922	45,983	1,236	1,703	3.5	4,371	3,835	536	12.3
16 to 21 years	4,356	3,592	314	449	10.3	2,356	1,930	426	18.1
16 to 19 years	2,232	1,750	206	277	12.4	1,978	1,619	359	18.2
20 years and over	46,689	44,233	1,030	1,426	3.1	2,394	2,217	177	7.4
20 to 24 years	6,078	5,386	248	444	7.3	677	583	94	13.9
25 years and over	40,611	38,847	782	982	2.4	1,717	1,634	82	4.8
25 to 54 years	32,559	31,220	564	775	2.4	536	497	39	7.3
55 years and over	8,052	7,627	218	207	2.6	1,181	1,137	43	3.6
<b>Females, 16 years and over</b>	25,246	22,385	1,223	1,637	6.5	8,154	7,371	782	9.6
16 to 21 years	3,416	2,592	295	529	15.5	2,111	1,737	374	17.7
16 to 19 years	1,700	1,214	174	312	18.4	1,672	1,361	310	18.6
20 years and over	23,546	21,171	1,050	1,325	5.6	6,482	6,010	472	7.3
20 to 24 years	4,479	3,808	217	454	10.1	800	764	117	13.3
25 years and over	19,067	17,363	833	871	4.6	5,602	5,247	355	6.3
25 to 54 years	15,119	13,737	613	770	5.1	4,187	3,892	295	7.0
55 years and over	3,948	3,626	220	101	2.6	1,415	1,355	60	4.2
<b>WHITE</b>									
<b>Males, 16 years and over</b>	44,033	41,659	995	1,380	3.1	3,962	3,507	455	11.5
16 to 21 years	3,810	3,195	254	362	9.5	2,160	1,796	364	16.8
16 to 19 years	1,973	1,568	179	225	11.4	1,817	1,517	300	16.5
20 years and over	42,060	40,090	815	1,154	2.7	2,145	1,990	155	7.2
20 to 24 years	5,305	4,769	195	341	6.4	615	526	89	14.5
25 years and over	36,754	35,321	620	813	2.2	1,530	1,463	67	4.4
25 to 54 years	29,346	28,282	439	625	2.1	474	442	32	6.8
55 years and over	7,408	7,039	181	188	2.5	1,056	1,021	35	3.3
<b>Females, 16 years and over</b>	21,814	19,627	942	1,244	5.7	7,352	6,708	644	8.8
16 to 21 years	2,982	2,344	253	385	12.9	1,950	1,654	296	15.2
16 to 19 years	1,497	1,113	153	232	15.5	1,554	1,304	250	16.1
20 years and over	20,316	18,515	789	1,012	5.0	5,799	5,404	394	6.8
20 to 24 years	3,875	3,356	181	339	8.7	788	699	90	11.4
25 years and over	16,442	15,159	610	674	4.1	5,011	4,706	305	6.1
25 to 54 years	12,840	11,818	441	582	4.5	3,787	3,532	255	6.7
55 years and over	3,601	3,341	168	92	2.6	1,224	1,174	50	4.1
<b>NEGRO AND OTHER RACES</b>									
<b>Males, 16 years and over</b>	4,889	4,324	242	323	6.6	409	328	81	19.8
16 to 21 years	545	397	61	88	16.1	196	133	62	31.9
16 to 19 years	259	182	26	51	19.8	161	102	59	36.7
20 years and over	4,629	4,142	215	271	5.9	249	227	22	8.8
20 to 24 years	773	617	53	103	13.3	62	56	5	8.6
25 years and over	3,857	3,526	162	168	4.4	187	170	17	9.1
25 to 54 years	3,213	2,939	125	150	4.7	64	55	9	14.1
55 years and over	644	588	37	19	3.0	123	115	8	6.5
<b>Females, 16 years and over</b>	3,433	2,758	281	394	11.5	801	663	138	17.2
16 to 21 years	434	249	42	144	33.1	161	83	79	48.7
16 to 19 years	203	102	21	81	39.7	118	58	60	51.2
20 years and over	3,229	2,656	260	313	9.7	684	606	78	11.4
20 to 24 years	604	453	36	115	19.1	92	65	27	29.5
25 years and over	2,625	2,204	225	197	7.5	591	540	50	8.5
25 to 54 years	2,279	1,919	171	188	8.2	400	360	40	10.0
55 years and over	346	285	53	10	2.9	191	180	10	5.2

<sup>1</sup> Employed persons with a job but not at work are distributed proportionately among the full- and part-time employed categories.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.



A- 8: Unemployed persons by sex and age

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
<b>Total, 16 years and over</b> .....	<b>2,239</b>	<b>2,424</b>	<b>4.2</b>	<b>4.7</b>	<b>2,420</b>	<b>2,416</b>	<b>7.2</b>	<b>7.5</b>
16 to 19 years .....	636	595	15.1	15.5	623	595	18.5	18.8
16 and 17 years .....	354	296	19.9	17.7	265	235	19.4	18.8
18 and 19 years .....	282	299	11.6	13.8	357	360	17.8	18.9
20 years and over .....	1,603	1,829	3.3	3.8	1,797	1,821	6.0	6.3
20 to 24 years .....	538	590	8.0	9.4	571	512	10.7	9.9
25 years and over .....	1,064	1,239	2.5	3.0	1,226	1,310	5.0	5.5
25 to 34 years .....	384	456	3.1	3.9	494	482	7.4	7.9
35 to 44 years .....	216	274	2.1	2.7	341	340	5.6	5.7
45 to 54 years .....	215	275	2.1	2.6	231	300	3.5	4.5
55 to 64 years .....	173	176	2.4	2.5	114	147	2.7	3.5
55 to 59 years .....	88	96	2.1	2.3	88	90	3.4	3.5
60 to 64 years .....	85	80	2.8	2.8	26	57	1.6	3.5
65 years and over .....	77	57	3.7	2.7	47	41	4.2	3.9
<b>Household head, 16 years and over</b> .....	<b>1,051</b>	<b>1,230</b>	<b>2.4</b>	<b>2.9</b>	<b>410</b>	<b>406</b>	<b>5.6</b>	<b>5.9</b>
16 to 24 years .....	164	199	4.2	5.5	89	80	10.5	9.7
25 to 54 years .....	648	810	2.1	2.7	245	246	5.8	6.3
55 years and over .....	240	220	2.7	2.5	75	80	3.3	3.6

A- 9: Unemployed persons by marital status, sex, age, and color

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
<b>Total, 16 years and over</b> .....	<b>2,239</b>	<b>2,424</b>	<b>4.2</b>	<b>4.7</b>	<b>2,420</b>	<b>2,416</b>	<b>7.2</b>	<b>7.5</b>
Married, spouse present .....	884	1,027	2.2	2.6	1,154	1,199	5.9	6.3
Widowed, divorced, or separated .....	158	185	5.2	6.4	400	386	6.3	6.4
Single (never married) .....	1,197	1,212	11.5	12.8	866	832	11.3	11.5
<b>Total, 20 to 64 years of age</b> .....	<b>1,526</b>	<b>1,772</b>	<b>3.2</b>	<b>3.9</b>	<b>1,750</b>	<b>1,780</b>	<b>6.1</b>	<b>6.4</b>
Married, spouse present .....	793	965	2.1	2.6	1,071	1,109	5.7	6.1
Widowed, divorced, or separated .....	145	176	5.3	6.8	351	355	6.3	6.7
Single (never married) .....	588	629	9.2	10.8	328	316	7.1	7.2
<b>White, 16 years and over</b> .....	<b>1,835</b>	<b>1,976</b>	<b>3.8</b>	<b>4.2</b>	<b>1,888</b>	<b>1,936</b>	<b>6.5</b>	<b>6.9</b>
Married, spouse present .....	745	862	2.0	2.4	970	1,024	5.6	6.0
Widowed, divorced, or separated .....	108	142	4.4	6.2	278	285	5.5	6.0
Single (never married) .....	983	973	10.8	11.7	639	627	9.6	10.0
<b>White, 20 to 64 years of age</b> .....	<b>1,245</b>	<b>1,430</b>	<b>2.9</b>	<b>3.5</b>	<b>1,365</b>	<b>1,422</b>	<b>5.4</b>	<b>5.9</b>
Married, spouse present .....	672	806	1.9	2.4	904	951	5.4	5.8
Widowed, divorced, or separated .....	97	135	4.5	6.7	235	255	5.3	6.1
Single (never married) .....	476	488	8.7	9.7	226	215	5.8	5.8
<b>Negro and other races, 16 years and over</b> .....	<b>404</b>	<b>447</b>	<b>7.6</b>	<b>8.6</b>	<b>532</b>	<b>480</b>	<b>12.6</b>	<b>11.6</b>
Married, spouse present .....	139	165	4.1	4.8	184	175	9.2	8.8
Widowed, divorced, or separated .....	50	43	8.4	7.1	121	100	9.7	8.2
Single (never married) .....	214	239	16.6	20.5	227	204	22.9	21.9
<b>Negro and other races, 20 to 64 years of age</b> .....	<b>281</b>	<b>342</b>	<b>6.0</b>	<b>7.4</b>	<b>387</b>	<b>358</b>	<b>10.2</b>	<b>9.6</b>
Married, spouse present .....	120	159	3.7	4.9	168	158	8.7	8.3
Widowed, divorced, or separated .....	48	40	8.6	7.0	116	100	10.0	8.7
Single (never married) .....	113	140	12.7	17.5	102	101	14.5	15.2

A-10: Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
<b>TOTAL</b> .....	4,658	4,840	5.4	5.8	4.2	4.7	7.2	7.5
White-collar workers .....	1,491	1,484	3.7	3.7	2.4	2.5	5.0	5.1
Professional and technical .....	307	371	2.6	3.2	2.4	2.8	2.9	3.9
Managers and administrators, except farm .....	140	145	1.7	1.6	1.4	1.5	3.2	2.1
Sales workers .....	253	201	4.5	3.9	3.2	2.8	6.3	5.3
Clerical workers .....	791	767	5.3	5.4	3.5	3.7	5.8	6.0
Blue-collar workers .....	1,612	1,964	5.3	6.7	4.6	5.7	8.7	11.0
Craftsmen and kindred workers .....	371	440	3.3	4.2	3.1	4.0	7.4	8.2
Carpenters and other construction craftsmen .....	169	(2)	4.8	(2)	4.7	(2)	(1)	(2)
All other .....	202	(2)	2.6	(2)	2.4	(2)	7.0	(2)
Operatives, except transport .....	714	(2)	6.3	(2)	4.8	(2)	8.8	(2)
Transport equipment operatives .....	127	(2)	3.8	(2)	3.7	(2)	4.8	(2)
Nonfarm laborers .....	401	449	8.5	10.0	8.4	9.6	10.7	15.0
Construction laborers .....	119	120	11.5	11.8	11.2	11.8	(1)	(1)
All other .....	282	329	7.7	9.4	7.6	9.0	9.8	15.4
Service workers .....	839	732	7.3	6.5	6.2	5.9	7.9	6.9
Private household .....	73	72	5.3	4.9	--	--	5.4	5.1
All other .....	766	660	7.5	6.8	6.2	6.0	8.5	7.4
Farmers and farm laborers .....	91	81	2.7	2.6	2.6	2.3	3.4	4.0
No previous work experience .....	625	580	--	--	--	--	--	--
16 to 19 years .....	484	448	--	--	--	--	--	--
20 to 24 years .....	100	79	--	--	--	--	--	--
25 years and over .....	40	53	--	--	--	--	--	--

<sup>1</sup> Percent not shown where base is less than 75,000.

<sup>2</sup> Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.

A-11: Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
Total .....	100.0	100.0	5.4	5.8	4.2	4.7	7.2	7.5
Nonagricultural private wage and salary workers .....	71.6	74.5	5.3	5.9	4.2	5.0	7.1	7.4
Mining .....	.2	.5	1.7	4.0	1.6	3.2	(1)	(1)
Construction .....	6.3	6.0	6.7	7.0	6.6	7.1	7.3	4.8
Manufacturing .....	20.5	27.1	4.7	6.4	3.5	4.9	7.6	10.0
Durable goods .....	11.2	16.2	4.4	6.5	3.6	5.5	7.6	10.5
Primary metal industries .....	1.0	2.9	3.6	10.8	3.3	11.0	7.4	7.9
Fabricated metal products .....	1.5	2.2	4.8	7.1	3.7	5.2	9.2	14.7
Machinery .....	1.5	1.6	3.4	3.9	2.8	3.0	7.1	8.2
Electrical equipment .....	2.2	2.7	5.1	6.5	3.5	4.4	7.5	9.7
Motor vehicles and equipment .....	.7	1.2	3.0	4.8	2.7	4.9	6.9	4.0
All other transportation equipment .....	1.2	1.8	5.9	8.4	5.0	7.2	12.2	16.4
Other durable goods industries .....	3.1	3.9	4.9	6.4	4.3	4.7	6.6	11.0
Nondurable goods .....	9.3	11.0	5.0	6.2	3.3	3.9	7.6	9.7
Food and kindred products .....	2.0	2.8	5.3	7.1	3.8	5.0	9.2	12.7
Textile mill products .....	.8	1.0	3.9	5.2	2.9	2.4	5.2	8.7
Apparel and other finished textile products .....	2.4	2.4	7.5	8.4	6.0	5.8	7.8	9.1
Other nondurable goods industries .....	4.1	4.7	4.3	5.3	2.8	3.5	7.6	9.4
Transportation and public utilities .....	3.5	3.2	3.5	3.4	3.1	3.3	4.7	4.1
Railroads and railway express .....	.3	.4	2.1	2.9	1.8	2.8	(1)	(1)
Other transportation .....	2.2	1.9	5.0	4.6	4.9	4.6	5.4	4.0
Communication and other public utilities .....	.9	1.0	2.3	2.5	1.3	1.5	4.1	4.1
Wholesale and retail trade .....	21.2	18.4	6.5	6.0	4.7	5.0	8.8	7.5
Finance, insurance, and real estate .....	3.8	3.1	4.3	3.9	2.6	2.4	5.8	5.1
Service industries .....	16.1	16.2	5.7	6.3	5.4	5.9	6.0	6.5
Professional services .....	5.5	6.0	3.7	4.5	3.1	3.4	4.1	5.1
All other service industries .....	10.5	10.2	8.0	8.1	7.3	7.9	8.5	8.4
Agricultural wage and salary workers .....	2.5	2.1	8.5	8.1	7.9	6.8	11.1	13.8
All other classes of workers .....	12.5	11.4	2.6	2.6	2.0	2.0	3.6	3.5
No previous work experience .....	13.4	12.0	--	--	--	--	--	--

<sup>1</sup> Percent not shown where base is less than 75,000.

A-12: Unemployed persons by reason for unemployment, sex, age, and color

Reason for unemployment	Total unemployed		Male, 20 years and over		Female, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
<b>Unemployment level</b>												
Total unemployed, in thousands . . . . .	4,658	4,840	1,603	1,829	1,797	1,821	1,258	1,190	3,723	3,912	935	927
Lost last job . . . . .	1,718	1,919	904	1,139	614	610	200	171	1,361	1,549	357	370
Left last job . . . . .	777	714	279	253	317	299	181	162	636	581	142	133
Reentered labor force . . . . .	1,539	1,627	367	394	778	823	394	409	1,236	1,315	303	312
Never worked before . . . . .	624	580	53	43	88	89	483	448	491	467	133	113
Total unemployed, percent distribution . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job . . . . .	36.9	39.6	56.4	62.3	34.2	33.5	15.9	14.4	36.5	39.6	38.2	39.9
Left last job . . . . .	16.7	14.8	17.4	13.8	17.7	16.4	14.4	13.6	17.1	14.9	15.2	14.3
Reentered labor force . . . . .	33.0	33.6	22.9	21.5	43.3	45.2	31.3	34.4	33.2	33.6	32.4	33.6
Never worked before . . . . .	13.4	12.0	3.3	2.4	4.9	4.9	38.4	37.6	13.2	11.9	14.3	12.2
<b>Unemployment rate</b>												
Total unemployment rate . . . . .	5.4	5.8	3.3	3.8	6.0	6.3	16.6	17.0	4.8	5.2	9.8	9.9
Job-loser rate <sup>1</sup> . . . . .	2.0	2.3	1.9	2.4	2.1	2.1	2.7	2.4	1.8	2.1	3.7	4.0
Job-leaver rate <sup>1</sup> . . . . .	.9	.8	.6	.5	1.1	1.0	2.4	2.3	.8	.8	1.5	1.4
Reentrant rate <sup>1</sup> . . . . .	1.8	1.9	.7	.8	2.6	2.8	5.2	5.8	1.6	1.8	3.2	3.3
New entrant rate <sup>1</sup> . . . . .	.7	.7	.1	.1	.3	.3	6.4	6.4	.6	.6	1.4	1.2

<sup>1</sup>Unemployment rates are calculated as a percent of the civilian labor force.

A-13: Unemployed persons by reason for unemployment, duration, sex, and age

September 1972

(Percent distribution)

Reason, sex, and age	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over	15 to 26 weeks	27 weeks and over
Total, 16 years and over . . . . .	4,658	100.0	56.1	23.8	20.1	9.4	10.7
Lost last job . . . . .	1,718	100.0	39.2	28.4	32.4	14.0	18.4
Left last job . . . . .	777	100.0	65.1	22.1	12.6	5.9	6.7
Reentered labor force . . . . .	1,539	100.0	67.8	20.1	12.1	5.5	6.6
Never worked before . . . . .	624	100.0	62.2	22.4	15.5	10.7	4.8
Male, 20 years and over . . . . .	1,603	100.0	40.0	28.1	31.8	12.4	19.4
Lost last job . . . . .	904	100.0	33.2	27.7	39.2	15.0	24.1
Left last job . . . . .	279	100.0	53.2	27.5	19.3	8.9	10.4
Reentered labor force . . . . .	367	100.0	45.9	29.2	24.9	8.2	16.7
Never worked before . . . . .	53	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over . . . . .	1,797	100.0	61.3	22.0	16.7	8.3	8.4
Lost last job . . . . .	614	100.0	39.7	30.5	29.8	15.0	14.8
Left last job . . . . .	317	100.0	67.0	21.4	11.6	5.0	6.6
Reentered labor force . . . . .	778	100.0	75.3	16.1	8.6	4.2	4.4
Never worked before . . . . .	88	100.0	65.2	18.0	16.9	10.1	6.7
Both sexes, 16 to 19 years . . . . .	1,258	100.0	68.9	21.0	9.9	7.1	2.9
Lost last job . . . . .	200	100.0	64.5	25.5	10.0	6.5	3.5
Left last job . . . . .	181	100.0	79.1	15.9	4.9	2.7	2.2
Reentered labor force . . . . .	394	100.0	73.4	19.5	7.1	5.3	1.8
Never worked before . . . . .	483	100.0	63.2	22.1	14.7	10.3	4.3

<sup>1</sup>Percent not shown where base is less than 75,000.

A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
Total .....	4,658	4,840	100.0	100.0	1,461	1,637	100.0	100.0
Less than 5 weeks .....	2,611	2,553	56.1	52.7	580	707	39.7	43.2
5 to 14 weeks .....	1,110	1,257	23.8	26.0	414	436	28.3	26.6
5 to 10 weeks .....	808	859	17.3	17.7	318	325	21.8	19.9
11 to 14 weeks .....	302	398	6.5	8.2	96	111	6.6	6.8
15 weeks and over .....	937	1,030	20.1	21.3	467	494	32.0	30.2
15 to 26 weeks .....	438	516	9.4	10.7	184	215	12.6	13.1
27 weeks and over .....	499	514	10.7	10.6	283	279	19.4	17.0
Average (mean) duration .....	11.3	11.1	--	--	17.3	14.8	--	--

A-15: Unemployed persons by duration, sex, age, color, and marital status  
September 1972

Sex, age, color, and marital status	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
Total .....	4,658	2,611	1,111	438	499	11.3	56.0	52.8	20.1	21.3
16 to 21 years .....	1,779	1,230	354	124	72	6.8	69.2	63.4	11.0	10.8
16 to 19 years .....	1,258	868	265	89	36	6.4	69.0	64.1	10.0	11.3
20 to 24 years .....	1,109	703	253	84	70	8.4	63.3	57.0	13.8	15.1
25 to 34 years .....	878	466	221	67	123	12.5	53.1	50.6	21.7	21.0
35 to 44 years .....	556	266	141	70	80	13.9	47.7	42.4	27.0	31.2
45 to 54 years .....	446	181	120	58	87	16.7	40.5	48.5	32.6	29.7
55 to 64 years .....	287	93	75	46	73	22.8	32.4	37.6	41.5	38.8
65 years and over .....	124	35	36	22	31	21.8	27.9	27.2	43.2	44.8
Male .....	2,239	1,076	584	249	329	14.3	48.1	47.4	25.8	24.4
16 to 21 years .....	875	590	184	67	35	6.8	67.4	60.8	11.7	12.7
16 to 19 years .....	636	434	134	50	18	6.2	68.2	62.4	10.6	13.5
20 to 24 years .....	538	296	152	46	45	10.1	55.0	52.6	16.8	18.0
25 to 34 years .....	384	169	95	42	78	16.9	44.0	41.6	31.2	24.2
35 to 44 years .....	216	56	69	35	56	22.0	25.8	33.3	42.4	37.9
45 to 54 years .....	215	57	63	38	57	21.9	26.3	42.3	44.3	33.5
55 to 64 years .....	173	51	43	23	56	27.3	29.4	31.3	45.6	39.7
65 years and over .....	77	14	28	15	20	24.5	17.8	24.7	45.5	49.7
Female .....	2,420	1,535	526	189	170	8.6	63.4	58.2	14.8	18.2
16 to 21 years .....	904	641	170	57	37	6.8	70.9	65.9	10.3	9.0
16 to 19 years .....	623	434	131	39	18	6.5	69.7	65.8	9.3	9.2
20 to 24 years .....	571	407	102	38	25	6.9	71.2	62.2	11.0	11.9
25 to 34 years .....	494	297	126	25	45	9.1	60.2	59.1	14.3	17.9
35 to 44 years .....	341	210	72	35	24	8.7	61.6	49.7	17.2	25.8
45 to 54 years .....	231	124	57	20	30	11.8	53.8	54.3	21.7	26.2
55 to 64 years .....	114	42	31	23	17	16.1	37.0	45.2	35.4	37.6
65 years and over .....	47	21	7	8	11	17.3	(1)	(1)	(1)	(1)
White: Total .....	3,723	2,101	844	365	414	11.6	56.4	53.2	20.9	20.9
Male .....	1,835	884	464	218	268	14.4	48.2	47.8	26.5	24.3
Female .....	1,888	1,217	380	146	145	8.8	64.5	58.7	15.4	17.4
Negro and other races: Total .....	935	510	267	73	86	10.3	54.5	50.8	17.0	23.0
Male .....	404	192	120	31	61	13.5	47.5	45.4	22.7	24.8
Female .....	532	318	146	42	25	7.9	59.8	55.8	12.6	21.4
Male: Married, wife present .....	884	315	249	129	190	19.1	35.7	40.7	36.1	31.9
Widowed, divorced, or separated .....	158	48	51	21	37	19.1	30.5	36.4	37.0	26.3
Single (never married) .....	1,197	712	284	99	102	10.1	59.5	54.7	16.8	17.8
Female: Married, husband present .....	1,154	739	236	97	82	8.5	64.1	59.1	15.5	18.8
Widowed, divorced, or separated .....	400	212	116	33	38	10.7	53.0	48.3	17.9	26.5
Single (never married) .....	866	584	174	59	49	7.8	67.4	61.3	12.5	13.4

<sup>1</sup> Percent not shown where base is less than 75,000.

## A-16: Unemployed persons by duration, occupation, and industry of last job

September 1972

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
<b>OCCUPATION</b>										
White-collar workers .....	1,491	825	345	146	176	11.8	55.3	52.9	21.6	21.9
Professional and managerial .....	447	212	109	51	74	15.0	47.4	46.3	28.0	28.3
Sales workers .....	253	140	50	23	40	15.0	55.5	57.1	24.7	17.9
Clerical workers .....	791	472	186	72	62	9.0	59.7	56.3	16.8	18.6
Blue-collar workers .....	1,612	812	401	171	228	13.4	50.4	47.0	24.7	25.0
Craftsmen and kindred workers .....	371	146	100	49	75	16.5	39.5	46.3	33.6	26.6
Operatives, except transport .....	714	362	183	80	88	12.7	50.8	(2)	23.6	(2)
Transport equipment operatives .....	127	74	24	10	20	12.2	58.3	(2)	23.0	(2)
Nonfarm laborers .....	401	230	94	32	45	12.0	57.3	55.3	19.2	13.9
Service workers .....	839	518	205	52	63	9.3	61.8	60.4	13.8	16.0
<b>INDUSTRY<sup>1</sup></b>										
Agriculture .....	118	91	24	1	3	5.2	76.9	70.4	2.9	10.0
Construction .....	320	160	86	37	36	12.1	50.2	57.8	23.0	15.9
Manufacturing .....	970	455	234	125	156	14.9	46.9	43.4	29.0	30.0
Durable goods .....	531	225	138	72	97	16.6	42.3	38.3	31.8	33.9
Nondurable goods .....	439	230	96	53	60	12.8	52.4	51.0	25.6	24.1
Transportation and public utilities .....	181	97	40	15	29	13.7	53.3	34.9	24.5	26.2
Wholesale and retail trade .....	997	546	262	86	104	10.8	54.7	54.2	19.0	19.3
Finance and service industries .....	1,223	742	269	96	117	10.5	60.7	56.7	17.4	17.7
Public administration .....	152	93	43	4	12	8.6	60.9	58.3	10.7	22.1
No previous work experience .....	625	388	140	67	30	8.4	62.1	59.8	15.4	15.2

<sup>1</sup> Includes wage and salary workers only.<sup>2</sup> Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of *Employment and Earnings*.

## A-17: Employed persons by sex and age

(In thousands)

Age and type of industry	Total		Male		Female	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
	<b>All industries</b> .....	82,034	79,295	51,054	49,476	30,980
16 to 19 years .....	6,324	5,803	3,574	3,240	2,749	2,563
16 to 17 years .....	2,529	2,386	1,430	1,371	1,099	1,014
18 to 19 years .....	3,795	3,417	2,145	1,869	1,650	1,548
20 to 24 years .....	11,005	10,321	6,217	5,663	4,788	4,659
25 to 54 years .....	50,521	49,065	32,281	31,542	18,240	17,524
25 to 34 years .....	18,161	16,892	11,994	11,315	6,167	5,577
35 to 44 years .....	15,788	15,642	10,096	10,039	5,692	5,604
45 to 64 years .....	16,573	16,531	10,192	10,188	6,381	6,343
55 to 64 years .....	11,097	11,015	6,966	6,948	4,132	4,067
55 to 59 years .....	6,581	6,604	4,066	4,116	2,515	2,489
60 to 64 years .....	4,517	4,410	2,900	2,832	1,617	1,578
65 years and over .....	3,087	3,090	2,017	2,084	1,070	1,006
<b>Nonagricultural industries</b> .....	78,376	75,851	48,056	46,670	30,320	29,181
16 to 19 years .....	5,953	5,435	3,258	2,918	2,696	2,517
16 to 17 years .....	2,343	2,178	1,273	1,184	1,070	999
18 to 19 years .....	3,611	3,257	1,985	1,734	1,626	1,523
20 to 24 years .....	10,727	10,054	5,976	5,447	4,752	4,607
25 to 54 years .....	48,703	47,368	30,869	30,245	17,835	17,122
25 to 34 years .....	17,640	16,437	11,570	10,943	6,069	5,493
35 to 44 years .....	15,188	15,078	9,645	9,634	5,543	5,444
45 to 54 years .....	15,876	15,853	9,653	9,668	6,223	6,185
55 to 64 years .....	10,405	10,360	6,379	6,388	4,027	3,972
55 to 59 years .....	6,222	6,246	3,775	3,814	2,447	2,431
60 to 64 years .....	4,184	4,114	2,604	2,573	1,580	1,540
65 years and over .....	2,586	2,634	1,576	1,672	1,011	962
<b>Agriculture</b> .....	3,658	3,444	2,998	2,806	660	638
16 to 19 years .....	370	368	317	322	54	46
18 to 17 years .....	186	207	157	187	29	20
18 to 19 years .....	184	160	159	135	25	26
20 to 24 years .....	278	267	241	215	37	52
25 to 54 years .....	1,818	1,698	1,412	1,297	406	401
25 to 34 years .....	521	456	423	372	98	84
35 to 44 years .....	600	564	451	405	149	159
45 to 54 years .....	697	678	538	520	158	158
55 to 64 years .....	692	655	587	560	105	95
55 to 59 years .....	359	359	291	301	68	57
60 to 64 years .....	333	297	296	259	37	38
65 years and over .....	500	456	441	412	59	44

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-18: Employed persons by occupational group, sex, and age

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
Total .....	82,034	79,295	47,480	46,236	28,231	27,256	3,574	3,240	2,749	2,563
White-collar workers .....	39,159	38,367	19,682	19,703	17,521	16,748	524	573	1,432	1,343
Professional and technical .....	11,599	11,121	6,973	6,761	4,511	4,247	61	57	54	55
Health workers .....	1,939	1,798	761	704	1,168	1,078	5	4	6	12
Teachers, except college .....	3,007	2,815	934	850	2,055	1,949	10	7	8	8
Other professional and technical .....	6,653	6,508	5,278	5,207	1,288	1,220	46	46	40	36
Managers and administrators, except farm ..	8,071	8,958	6,546	7,310	1,464	1,601	50	31	11	16
Salaried workers .....	6,364	6,726	5,198	5,523	1,108	1,158	47	29	11	16
Self-employed workers in retail trade ...	935	1,093	684	795	250	297	1	1	--	--
Self-employed workers, except retail trade	771	1,139	664	993	106	146	1	1	--	--
Sales workers .....	5,316	4,916	2,899	2,583	1,915	1,794	189	218	313	320
Retail trade .....	3,064	2,922	1,036	914	1,603	1,526	147	183	298	299
Other industries .....	2,232	1,994	1,863	1,670	312	269	42	35	15	20
Clerical workers .....	14,173	13,373	3,264	3,049	9,631	9,106	223	267	1,054	952
Stenographers, typists, and secretaries ...	4,065	3,662	81	45	3,622	3,332	1	3	360	282
Other clerical workers .....	10,108	9,711	3,183	3,003	6,009	5,774	222	264	694	670
Blue-collar workers .....	28,948	27,431	22,009	20,915	4,495	4,392	2,134	1,836	310	288
Craftsmen and kindred workers .....	10,892	10,143	10,190	9,545	351	354	337	233	14	10
Carpenters .....	1,058	971	986	927	5	8	68	36	--	--
Construction craftsmen, except carpenters	2,313	(1)	2,204	(1)	14	(1)	94	(1)	1	(1)
Mechanics and repairmen .....	2,816	2,390	2,687	2,289	16	15	114	84	--	4
Metal craftsmen .....	1,019	1,179	994	1,148	14	13	11	19	1	--
Foremen, not elsewhere classified .....	1,400	1,300	1,305	1,211	91	85	4	4	1	--
All other .....	2,285	(1)	2,016	(1)	212	(1)	47	(1)	11	(1)
Operatives, except transport .....	10,544	(1)	5,800	(1)	3,764	(1)	732	(1)	248	(1)
Durable goods manufacturing .....	4,637	(1)	3,139	(1)	1,186	(1)	216	(1)	76	(1)
Nondurable goods manufacturing .....	3,629	(1)	1,378	(1)	2,006	(1)	124	(1)	121	(1)
Other industries .....	2,278	(1)	1,283	(1)	572	(1)	392	(1)	51	(1)
Transport equipment operatives .....	3,213	(1)	2,899	(1)	154	(1)	159	(1)	1	(1)
Drivers and deliverymen .....	2,741	2,623	2,465	2,402	146	108	129	110	1	2
All other .....	472	(1)	435	(1)	8	(1)	30	(1)	--	(1)
Nonfarm laborers .....	4,299	4,065	3,119	2,988	226	189	906	846	47	41
Construction .....	916	897	749	747	5	10	162	160	--	--
Manufacturing .....	1,033	1,042	815	827	88	83	121	127	8	5
Other industries .....	2,350	2,126	1,555	1,414	133	97	624	579	38	36
Service workers .....	10,692	10,464	3,414	3,402	5,680	5,607	633	562	965	893
Private household workers .....	1,313	1,381	19	21	1,040	1,065	8	21	245	274
Service workers, except private household ..	9,379	9,083	3,394	3,381	4,640	4,542	625	541	720	619
Food service workers .....	3,161	(1)	599	(1)	1,747	(1)	366	(1)	450	(1)
Protective service workers .....	1,153	1,101	1,078	1,040	53	51	19	12	3	--
All other .....	5,065	(1)	1,717	(1)	2,840	(1)	240	(1)	267	(1)
Farm workers .....	3,235	3,033	2,376	2,217	535	509	283	269	42	39
Farmers and farm managers .....	1,787	1,671	1,668	1,570	105	89	13	11	2	1
Farm laborers and foremen .....	1,448	1,362	708	647	430	420	270	258	40	38
Paid workers .....	996	873	650	594	152	113	177	153	17	13
Unpaid family workers .....	451	489	58	52	278	307	93	105	23	24

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

1 Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.

## A-19: Employed persons by major occupational group, sex, and color

(Percent distribution)

Occupational group and color	Total		Male		Female	
	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
<b>Total</b>						
Total employed (thousands) .....	82,034	79,295	51,054	49,476	30,980	29,819
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	47.7	48.4	39.6	41.0	61.2	60.7
Professional and technical .....	14.1	14.0	13.8	13.8	14.7	14.4
Managers and administrators, except farm .....	9.8	11.3	12.9	14.8	4.8	5.4
Sales workers .....	6.5	6.2	6.0	5.7	7.2	7.1
Clerical workers .....	17.3	16.9	6.8	6.7	34.5	33.7
<b>Blue-collar workers</b> .....	35.3	34.6	47.3	46.0	15.5	15.7
Craftsmen and kindred workers .....	13.3	12.8	20.6	19.8	1.2	1.2
Operatives, except transport .....	12.9	(1)	12.8	(1)	13.0	(1)
Transport equipment operatives .....	3.9	(1)	6.0	(1)	.5	(1)
Nonfarm laborers .....	5.2	5.1	7.9	7.7	.9	.8
<b>Service workers</b> .....	13.0	13.2	7.9	8.0	21.5	21.8
Private household workers .....	1.6	1.7	.1	.1	4.1	4.5
Other service workers .....	11.4	11.5	7.9	7.9	17.3	17.3
<b>Farm workers</b> .....	3.9	3.8	5.2	5.0	1.9	1.8
Farmers and farm managers .....	2.2	2.1	3.3	3.2	.3	.3
Farm laborers and foremen .....	1.8	1.7	1.9	1.8	1.5	1.5
<b>White</b>						
Total employed (thousands) .....	73,438	70,868	46,160	44,719	27,278	26,149
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	49.8	50.6	41.4	42.8	64.1	63.8
Professional and technical .....	14.7	14.6	14.4	14.4	15.2	15.0
Managers and administrators, except farm .....	10.5	12.1	13.7	15.8	5.0	5.8
Sales workers .....	7.0	6.7	6.5	6.1	7.8	7.7
Clerical workers .....	17.7	17.2	6.8	6.6	36.1	35.4
<b>Blue-collar workers</b> .....	34.7	33.9	46.2	44.8	15.2	15.4
Craftsmen and kindred workers .....	13.7	13.4	21.2	20.5	1.2	1.3
Operatives, except transport .....	12.5	(1)	12.4	(1)	12.6	(1)
Transport equipment operatives .....	3.7	(1)	5.6	(1)	.5	(1)
Nonfarm laborers .....	4.7	4.5	6.9	6.7	.9	.8
<b>Service workers</b> .....	11.5	11.6	7.1	7.3	18.8	18.9
Private household workers .....	1.1	1.1	(2)	.1	2.8	2.9
Other service workers .....	10.4	10.4	7.1	7.2	16.0	16.0
<b>Farm workers</b> .....	4.0	3.9	5.3	5.1	1.9	1.9
Farm and farm managers .....	2.4	2.3	3.5	3.4	.4	.3
Farm laborers and foremen .....	1.7	1.6	1.7	1.7	1.5	1.6
<b>Negro and other races</b>						
Total employed (thousands) .....	8,597	8,426	4,894	4,757	3,702	3,669
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	29.8	29.9	22.0	23.5	40.0	38.2
Professional and technical .....	9.6	8.9	8.1	7.8	11.5	10.3
Managers and administrators, except farm .....	4.2	4.7	5.1	6.1	2.9	3.0
Sales workers .....	2.0	2.2	1.6	1.8	2.7	2.8
Clerical workers .....	14.0	14.0	7.2	7.8	22.9	22.1
<b>Blue-collar workers</b> .....	40.7	40.1	58.0	57.0	17.7	18.1
Craftsmen and kindred workers .....	9.3	7.7	15.5	13.0	1.0	.9
Operatives, except transport .....	16.0	(1)	16.3	(1)	15.5	(1)
Transport equipment operatives .....	5.5	(1)	9.3	(1)	.4	(1)
Nonfarm laborers .....	10.0	10.2	16.9	17.4	.8	.9
<b>Service workers</b> .....	26.3	27.0	15.3	15.1	40.9	42.4
Private household workers .....	6.3	6.9	.2	.2	14.3	15.5
Other service workers .....	20.1	20.1	15.1	14.9	26.6	26.9
<b>Farm workers</b> .....	3.3	3.0	4.7	4.3	1.4	1.3
Farm and farm managers .....	.7	.7	1.2	1.2	.1	.2
Farm laborers and foremen .....	2.6	2.3	3.5	3.2	1.3	1.1

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

1 Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of Employment and Earnings.

2 Less than 0.05 percent.

A-20: Employed persons by class of worker, sex, and age  
September 1972  
(In thousands)

Age and sex	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
<b>Total</b> .....	72,648	1,563	13,454	57,632	5,248	479	1,271	1,926	461
16 to 19 years.....	5,878	346	428	5,104	53	22	229	25	116
16 and 17 years.....	2,304	256	122	1,925	29	10	100	15	71
18 and 19 years.....	3,574	90	306	3,179	24	12	130	9	45
20 to 24 years.....	10,455	98	1,595	8,762	234	39	185	53	39
25 to 34 years.....	16,684	135	3,257	13,291	881	76	244	228	50
35 to 44 years.....	13,964	167	2,861	10,936	1,125	99	183	325	92
45 to 54 years.....	14,341	271	3,064	11,006	1,383	152	172	434	91
55 to 64 years.....	9,251	306	1,953	6,992	1,077	77	174	474	44
55 to 59 years.....	5,553	159	1,178	4,216	623	46	105	222	31
60 to 64 years.....	3,698	147	775	2,776	455	31	69	252	12
65 years and over.....	2,077	239	296	1,541	495	15	84	387	29
<b>Male</b> .....	44,142	228	7,341	36,573	3,863	51	1,035	1,812	151
16 to 19 years.....	3,197	94	200	2,902	41	20	200	23	93
16 and 17 years.....	1,237	73	59	1,106	25	10	85	14	58
18 and 19 years.....	1,959	21	142	1,796	15	11	115	9	36
20 to 24 years.....	5,831	20	712	5,099	129	16	160	51	30
25 to 34 years.....	10,946	6	1,819	9,121	624	1	194	219	10
35 to 44 years.....	8,772	9	1,597	7,165	871	2	135	309	7
45 to 54 years.....	8,595	21	1,728	6,847	1,055	3	132	405	1
55 to 64 years.....	5,587	34	1,084	4,468	788	4	142	446	--
55 to 59 years.....	3,322	16	665	2,641	452	2	82	209	--
60 to 64 years.....	2,265	18	420	1,828	336	2	60	236	--
65 years and over.....	1,214	43	201	971	356	5	73	359	9
<b>Female</b> .....	28,507	1,335	6,113	21,059	1,385	428	236	114	311
16 to 19 years.....	2,681	252	228	2,202	13	2	29	2	23
16 and 17 years.....	1,067	183	64	819	4	--	14	1	14
18 and 19 years.....	1,615	68	164	1,382	9	2	15	--	9
20 to 24 years.....	4,624	78	883	3,663	105	22	26	2	9
25 to 34 years.....	5,738	129	1,438	4,170	256	75	50	9	39
35 to 44 years.....	5,192	157	1,264	3,770	255	97	48	16	86
45 to 54 years.....	5,745	250	1,336	4,159	329	149	40	29	90
55 to 64 years.....	3,664	272	868	2,524	289	73	33	28	44
55 to 59 years.....	2,231	143	513	1,575	171	45	24	13	31
60 to 64 years.....	1,433	129	355	949	118	29	9	15	12
65 years and over.....	862	196	95	571	139	10	11	28	20

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.



## A-21: Employed persons with a job but not at work by reason, pay status, and sex

(In thousands)

Reason not working	All industries		Nonagricultural industries					
	Sept. 1972	Sept. 1971	Total		Wage and salary workers <sup>1</sup>			
			Sept. 1972	Sept. 1971	Paid absence <sup>2</sup>		Unpaid absence <sup>2</sup>	
					Sept. 1972	Sept. 1971	Sept. 1972	Sept. 1971
<b>Total</b> .....	4,004	4,016	3,910	3,918	2,050	2,052	1,500	1,495
Vacation .....	2,086	2,019	2,061	1,993	1,553	1,517	367	339
Illness .....	1,219	1,235	1,178	1,202	414	447	658	646
Bad weather .....	27	42	19	30	--	--	--	--
Industrial dispute .....	99	112	99	112	--	--	--	--
All other reasons .....	573	608	553	581	83	88	475	510
<b>Male</b> .....	2,315	2,374	2,236	2,280	1,337	1,317	708	738
Vacation .....	1,257	1,217	1,238	1,192	1,034	973	123	154
Illness .....	720	744	686	711	240	279	387	359
All other reasons .....	338	413	312	377	63	65	198	225
<b>Female</b> .....	1,689	1,642	1,673	1,638	713	737	792	757
Vacation .....	829	802	823	800	519	545	243	185
Illness .....	499	492	492	491	174	168	271	287
All other reasons .....	361	348	358	347	20	24	278	285

<sup>1</sup>Excludes private household.<sup>2</sup>Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

## A-22: Persons at work by type of industry and hours of work

September 1972

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
<b>Total at work</b> .....	78,030	74,466	3,564	100.0	100.0	100.0
1-34 hours .....	16,245	15,176	1,067	20.8	20.4	29.9
1-4 hours .....	718	660	57	.9	.9	1.6
5-14 hours .....	3,428	3,184	243	4.4	4.3	6.8
15-29 hours .....	7,812	7,244	568	10.0	9.7	15.9
30-34 hours .....	4,287	4,088	199	5.5	5.5	5.6
35 hours and over .....	61,785	59,290	2,497	79.2	79.6	70.1
35-39 hours .....	5,596	5,469	127	7.2	7.3	3.6
40 hours .....	32,404	31,940	465	41.5	42.9	13.0
41 hours and over .....	23,785	21,881	1,905	30.5	29.4	53.5
41 to 48 hours .....	9,734	9,460	275	12.5	12.7	7.7
49 to 59 hours .....	7,494	7,072	422	9.6	9.5	11.8
60 hours and over .....	6,557	5,349	1,208	8.4	7.2	33.9
Average hours, total at work .....	40.0	39.6	46.3	--	--	--
Average hours, workers on full-time schedules .....	44.1	43.6	55.9	--	--	--

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

## A-23: Persons at work 1-34 hours by usual status and reason working part time

September 1972

(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total.....	16,245	4,500	11,744	15,176	4,236	10,940
Economic reasons.....	2,460	1,218	1,242	2,243	1,107	1,136
Slack work.....	1,161	803	358	1,035	711	324
Material shortages or repairs to plant and equipment.....	62	62	--	61	61	--
New job started during week.....	239	239	--	226	226	--
Job terminated during week.....	113	113	--	108	108	--
Could find only part-time work.....	884	--	884	812	--	812
Other reasons.....	13,783	3,281	10,502	12,932	3,128	9,804
Does not want, or unavailable for, full-time work.....	8,339	--	8,339	7,791	--	7,791
Vacation.....	521	521	--	511	511	--
Illness.....	1,510	1,221	289	1,422	1,200	222
Bad weather.....	283	283	--	210	210	--
Industrial dispute.....	41	41	--	36	36	--
Legal or religious holiday.....	137	137	--	136	136	--
Full time for this job.....	1,533	--	1,533	1,489	--	1,489
All other reasons.....	1,420	1,079	341	1,338	1,035	303
Average hours:						
Economic reasons.....	21.2	23.8	18.6	21.4	24.0	18.8
Other reasons.....	20.2	26.3	18.3	20.3	26.5	18.3
Worked 30 to 34 hours:						
Economic reasons.....	746	520	226	687	475	212
Other reasons.....	3,541	1,783	1,758	3,401	1,740	1,661

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

## A-24: Nonagricultural workers by industry and full- or part-time status

September 1972

Industry	Percent distribution							Average hours, total at work	Average hours, workers on full-time schedules
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules					
				Total	40 hours or less	41 to 48 hours	49 hours or more		
Total <sup>1/</sup> .....	100.0	3.0	13.2	83.8	54.4	12.7	16.7	39.6	43.6
Wage and salary workers.....	100.0	2.9	12.8	84.3	56.5	12.9	14.9	39.2	43.0
Construction.....	100.0	5.2	4.1	90.6	66.0	10.7	13.9	39.8	41.7
Manufacturing.....	100.0	2.2	2.9	94.9	61.6	17.8	15.5	41.9	43.0
Durable goods.....	100.0	1.1	2.0	96.8	62.3	18.8	15.7	42.4	43.0
Nondurable goods.....	100.0	3.7	4.1	92.3	60.6	16.4	15.3	41.2	42.9
Transportation and public utilities.....	100.0	2.3	6.3	91.4	60.5	13.2	17.7	41.7	43.7
Wholesale and retail trade.....	100.0	3.8	23.5	72.7	43.5	12.7	16.5	37.3	44.1
Finance, insurance, and real estate.....	100.0	1.0	9.6	89.4	66.6	10.0	12.8	39.5	41.7
Service industries.....	100.0	3.5	21.1	75.3	52.4	9.4	13.5	36.7	42.9
Private households.....	100.0	14.5	52.2	33.3	21.9	4.8	6.6	23.8	44.1
All other service.....	100.0	2.5	18.5	79.0	55.1	9.8	14.1	37.8	42.9
Public administration.....	100.0	1.1	5.4	93.5	70.7	10.4	12.4	41.0	42.5
Self-employed workers.....	100.0	4.1	15.7	80.3	28.4	10.9	41.0	44.9	51.6
Unpaid family workers.....	100.0	3.3	39.5	57.1	27.6	6.5	23.0	37.1	48.6

<sup>1/</sup>Mining not shown separately but included in totals.

**A-25: Persons at work in nonagricultural industries by full- or part-time status,  
sex, age, color, and marital status**

September 1972

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
<b>(In thousands)</b>								
<b>TOTAL</b>								
Total, 16 years and over.....	74,466	2,243	9,804	62,419	40,538	21,881	39.6	43.6
16 to 21 years.....	9,666	576	3,357	5,733	4,293	1,440	31.3	41.2
16 to 19 years.....	5,815	353	2,731	2,731	2,088	643	27.8	40.9
16 and 17 years.....	2,297	117	1,798	382	321	61	18.9	39.0
18 and 19 years.....	3,518	237	933	2,348	1,766	582	33.5	41.2
20 years and over.....	68,651	1,890	7,073	59,688	38,450	21,238	40.6	43.7
20 to 24 years.....	10,271	450	1,230	8,591	6,072	2,519	38.5	42.2
25 years and over.....	58,380	1,438	5,844	51,098	32,379	18,719	41.0	44.0
25 to 44 years.....	31,464	740	2,596	28,128	17,367	10,761	41.6	44.1
45 to 64 years.....	24,529	615	2,236	21,678	14,167	7,511	41.1	43.8
65 years and over.....	2,387	84	1,011	1,292	846	446	31.1	43.4
<b>Males, 16 years and over.....</b>	<b>45,819</b>	<b>1,079</b>	<b>3,188</b>	<b>41,552</b>	<b>23,894</b>	<b>17,658</b>	<b>42.6</b>	<b>45.0</b>
16 to 21 years.....	5,249	285	1,717	3,247	2,168	1,079	32.8	42.4
16 to 19 years.....	3,179	182	1,435	1,562	1,092	470	29.1	41.9
16 and 17 years.....	1,244	80	946	218	182	36	20.0	39.2
18 and 19 years.....	1,935	102	489	1,344	908	436	34.9	42.4
20 years and over.....	42,640	897	1,754	39,989	22,802	17,187	43.6	45.1
20 to 24 years.....	5,771	236	539	4,996	3,095	1,901	40.6	43.7
25 years and over.....	36,869	661	1,214	35,994	19,710	15,284	44.0	45.3
25 to 44 years.....	20,465	343	273	19,849	10,787	9,062	44.9	45.6
45 to 64 years.....	14,952	274	393	14,285	8,389	5,896	43.9	45.0
65 years and over.....	1,453	44	549	860	534	326	32.8	43.7
<b>Females, 16 years and over.....</b>	<b>28,647</b>	<b>1,164</b>	<b>6,616</b>	<b>20,867</b>	<b>16,644</b>	<b>4,223</b>	<b>34.9</b>	<b>40.8</b>
16 to 21 years.....	4,417	291	1,640	2,486	2,125	361	29.5	39.7
16 to 19 years.....	2,636	172	1,296	1,168	996	172	26.2	39.5
16 and 17 years.....	1,053	37	853	163	138	25	17.7	38.7
18 and 19 years.....	1,583	135	444	1,004	858	146	31.9	39.6
20 years and over.....	26,011	993	5,320	19,698	15,647	4,051	35.7	40.9
20 to 24 years.....	4,500	213	691	3,596	2,978	618	35.9	40.1
25 years and over.....	21,511	777	4,628	16,106	12,671	3,435	35.7	41.1
25 to 44 years.....	11,000	396	2,323	8,281	6,584	1,697	35.5	40.7
45 to 64 years.....	9,576	342	1,845	7,389	5,774	1,615	36.6	41.4
65 years and over.....	934	40	461	433	313	120	28.5	42.8
<b>COLOR</b>								
<b>White.....</b>	<b>66,664</b>	<b>1,776</b>	<b>8,936</b>	<b>55,952</b>	<b>35,421</b>	<b>20,531</b>	<b>39.8</b>	<b>43.9</b>
Male.....	41,415	874	2,923	37,618	20,980	16,638	42.8	45.3
Female.....	25,249	902	6,012	18,335	14,442	3,893	34.9	41.0
<b>Negro and other races.....</b>	<b>7,802</b>	<b>467</b>	<b>869</b>	<b>6,466</b>	<b>5,116</b>	<b>1,350</b>	<b>37.7</b>	<b>41.4</b>
Male.....	4,405	204	265	3,936	2,916	1,020	40.0	42.5
Female.....	3,398	262	604	2,532	2,202	330	34.6	39.6
<b>MARITAL STATUS</b>								
<b>Male:</b>								
Married, wife present.....	35,090	526	1,049	33,515	18,445	15,070	44.3	45.4
Widowed, divorced, or separated.....	2,518	84	186	2,248	1,386	862	42.0	44.7
Single (never married).....	8,212	467	1,954	5,791	4,064	1,727	35.2	42.5
<b>Female:</b>								
Married, husband present.....	16,763	572	3,969	12,222	9,764	2,458	35.1	40.8
Widowed, divorced, or separated.....	5,504	273	899	4,332	3,330	1,002	36.6	41.3
Single (never married).....	6,379	320	1,740	4,310	3,547	763	32.7	40.4

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-25: Persons at work in nonagricultural industries by full- or part-time status,  
sex, age, color, and marital status--Continued  
September 1972

Age, sex, color and marital status	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules		
				Total	40 hours or less	41 hours or more
(Percent distribution)						
<b>TOTAL</b>						
Total, 16 years and over.....	100.0	3.0	13.2	83.8	54.4	29.4
16 to 21 years.....	100.0	6.0	34.7	59.3	44.4	14.9
16 to 19 years.....	100.0	6.1	47.0	47.0	35.9	11.1
16 and 17 years.....	100.0	5.1	78.3	16.7	14.0	2.7
18 and 19 years.....	100.0	6.7	26.5	66.7	50.2	16.5
20 years and over.....	100.0	2.8	10.3	86.9	56.0	30.9
20 to 24 years.....	100.0	4.4	12.0	83.6	59.1	24.5
25 years and over.....	100.0	2.5	10.0	87.6	55.5	32.1
25 to 44 years.....	100.0	2.4	8.3	89.4	55.2	34.2
45 to 64 years.....	100.0	2.5	9.1	88.4	57.8	30.6
65 years and over.....	100.0	3.5	42.4	54.1	35.4	18.7
<b>Males, 16 years and over.....</b>	<b>100.0</b>	<b>2.4</b>	<b>7.0</b>	<b>90.6</b>	<b>52.1</b>	<b>38.5</b>
16 to 21 years.....	100.0	5.4	32.7	61.9	41.3	20.6
16 and 19 years.....	100.0	5.7	45.1	49.2	34.4	14.8
16 and 17 years.....	100.0	6.4	76.0	17.5	14.6	2.9
18 and 19 years.....	100.0	5.3	25.3	69.4	46.9	22.5
20 years and over.....	100.0	2.1	4.1	93.8	53.5	40.3
20 to 24 years.....	100.0	4.1	9.3	86.5	53.6	32.9
25 years and over.....	100.0	1.8	3.3	95.0	53.5	41.5
25 to 44 years.....	100.0	1.7	1.3	97.0	52.7	44.3
45 to 64 years.....	100.0	1.8	2.6	95.5	56.1	39.4
65 years and over.....	100.0	3.0	37.8	59.2	36.8	22.4
<b>Females, 16 years and over.....</b>	<b>100.0</b>	<b>4.1</b>	<b>23.1</b>	<b>72.8</b>	<b>58.1</b>	<b>14.7</b>
16 to 21 years.....	100.0	6.6	37.1	56.3	48.1	8.2
16 to 19 years.....	100.0	6.5	49.2	44.3	37.8	6.5
16 and 17 years.....	100.0	3.5	81.0	15.5	13.1	2.4
18 and 19 years.....	100.0	8.5	28.0	63.4	54.2	9.2
20 years and over.....	100.0	3.8	20.5	75.8	60.2	15.6
20 to 24 years.....	100.0	4.7	15.4	79.9	66.2	13.7
25 years and over.....	100.0	3.6	21.5	74.9	58.9	16.0
25 to 44 years.....	100.0	3.6	21.1	75.3	59.9	15.4
45 to 64 years.....	100.0	3.6	19.3	77.2	60.3	16.9
65 years and over.....	100.0	4.3	49.4	46.3	33.5	12.8
<b>COLOR</b>						
<b>White.....</b>	<b>100.0</b>	<b>2.7</b>	<b>13.4</b>	<b>83.9</b>	<b>53.1</b>	<b>30.8</b>
Male.....	100.0	2.1	7.1	90.9	50.7	40.2
Female.....	100.0	3.6	23.8	72.6	57.2	15.4
<b>Negro and other races.....</b>	<b>100.0</b>	<b>6.0</b>	<b>11.1</b>	<b>82.9</b>	<b>65.6</b>	<b>17.3</b>
Male.....	100.0	4.6	6.0	89.4	66.2	23.2
Female.....	100.0	7.7	17.8	74.5	64.8	9.7
<b>MARITAL STATUS</b>						
<b>Male:</b>						
Married, wife present.....	100.0	1.5	3.0	95.5	52.6	42.9
Widowed, divorced, or separated.....	100.0	3.3	7.4	89.2	55.0	34.2
Single (never married).....	100.0	5.7	23.8	70.5	49.5	21.0
<b>Female:</b>						
Married, husband present.....	100.0	3.4	23.7	72.9	58.2	14.7
Widowed, divorced, or separated.....	100.0	5.0	16.3	78.7	60.5	18.2
Single (never married).....	100.0	5.0	27.4	67.6	55.6	12.0

**A-26: Persons at work in nonfarm occupations by full- or part-time status and sex**  
September 1972

Occupational group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full- time schedules	
				Total	40 hours or less	41 to 48 hours			49 hours or more
(Thousands of persons)									
<b>TOTAL</b>									
White-collar workers .....	37,283	523	4,931	31,829	20,433	4,179	7,217	40.4	44.0
Professional and technical .....	11,028	110	1,142	9,776	6,067	1,336	2,373	41.3	44.3
Managers and administrators, except farm .....	7,696	41	309	7,346	3,125	1,222	2,999	47.4	48.7
Sales workers .....	5,086	123	1,271	3,692	2,102	490	1,100	37.9	45.1
Clerical workers .....	13,474	249	2,209	11,016	9,138	1,131	747	36.5	40.3
Blue-collar workers .....	27,464	1,118	1,884	24,462	15,694	4,443	4,325	40.6	43.2
Craftsmen and kindred workers .....	10,361	298	324	9,739	6,090	1,787	1,862	42.3	43.6
Operatives, except transport .....	9,955	408	587	8,960	6,102	1,667	1,191	40.2	42.3
Transport equipment operatives .....	3,057	100	232	2,725	1,326	525	874	43.4	46.3
Nonfarm laborers .....	4,091	311	740	3,040	2,179	464	397	35.5	41.7
Service workers .....	10,123	630	3,075	6,418	4,578	873	967	33.8	43.1
Private household .....	1,254	173	646	435	290	61	84	24.8	43.9
Other service workers .....	8,869	458	2,429	5,982	4,286	812	884	35.1	43.0
<b>MALE</b>									
White-collar workers .....	19,336	163	1,071	18,102	9,375	2,768	5,959	44.8	46.5
Professional and technical .....	6,729	63	331	6,335	3,639	853	1,843	44.0	45.6
Managers and administrators, except farm .....	6,306	31	6,138	2,392	1,043	2,703	48.6	49.4	
Sales workers .....	2,979	17	315	2,647	1,287	383	977	43.5	46.7
Clerical workers .....	3,322	51	288	2,983	2,058	490	435	40.2	42.6
Blue-collar workers .....	22,956	798	1,434	20,724	12,716	3,917	4,091	41.3	43.7
Craftsmen and kindred workers .....	10,023	274	272	9,477	5,892	1,762	1,823	42.4	43.7
Operatives, except transport .....	6,185	136	337	5,712	3,493	1,202	1,017	41.8	43.6
Transport equipment operatives .....	2,913	95	150	2,668	1,282	523	863	44.1	46.4
Nonfarm laborers .....	3,834	293	675	2,866	2,048	430	388	35.6	41.8
Service workers .....	3,854	138	736	2,980	1,950	454	576	38.6	44.7
Private household .....	28	3	12	13	3	3	7	33.4	51.2
Other service workers .....	3,826	135	724	2,967	1,946	452	569	38.6	44.7
<b>FEMALE</b>									
White-collar workers .....	17,947	360	3,861	13,726	11,058	1,410	1,258	35.6	40.7
Professional and technical .....	4,298	48	812	3,438	2,425	483	530	37.1	42.0
Managers and administrators, except farm .....	1,390	10	172	1,208	735	179	294	42.0	45.4
Sales workers .....	2,107	105	956	1,046	816	107	123	29.9	41.0
Clerical workers .....	10,152	197	1,921	8,034	7,081	641	312	35.3	39.5
Blue-collar workers .....	4,508	319	450	3,739	2,981	525	233	37.0	40.3
Craftsmen and kindred workers .....	338	24	52	262	198	25	39	36.6	41.4
Operatives, except transport .....	3,770	272	250	3,248	2,609	464	175	37.6	40.1
Transport equipment operatives .....	143	5	82	56	42	2	12	28.1	40.6
Nonfarm laborers .....	257	17	65	175	134	33	8	34.4	40.9
Service workers .....	6,270	492	2,338	3,440	2,630	419	391	30.9	41.7
Private household .....	1,226	170	634	422	288	58	76	24.6	43.7
Other service workers .....	5,043	322	1,705	3,016	2,340	361	315	32.5	41.4

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

## A-26: Persons at work in nonfarm occupations by full- or part-time status and sex—Continued

September 1972

Occupational group and sex	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			
				Total	40 hours or less	41 to 48 hours	49 hours or more
(Percent distribution)							
<b>TOTAL</b>							
White-collar workers .....	100.0	1.4	13.2	85.4	54.8	11.2	19.4
Professional and technical .....	100.0	1.0	10.4	88.6	55.0	12.1	21.5
Managers and administrators, except farm .....	100.0	.5	6.0	95.5	40.6	15.9	39.0
Sales workers .....	100.0	2.4	25.0	72.5	41.3	9.6	21.6
Clerical workers .....	100.0	1.8	16.4	81.7	67.8	8.4	5.5
Blue-collar workers .....	100.0	4.1	6.9	89.0	57.1	16.2	15.7
Craftsmen and kindred workers .....	100.0	2.9	3.1	94.0	58.8	17.2	18.0
Operatives, except transport .....	100.0	4.1	5.9	90.0	61.3	16.7	12.0
Transport equipment operatives .....	100.0	3.3	7.6	89.2	43.4	17.2	28.6
Nonfarm laborers .....	100.0	7.6	18.1	74.3	53.3	11.3	9.7
Service workers .....	100.0	6.2	30.4	63.4	45.2	8.6	9.6
Private household .....	100.0	13.8	51.5	34.6	23.1	4.9	6.7
Other service workers .....	100.0	5.2	27.4	67.5	48.3	9.2	10.0
<b>MALE</b>							
White-collar workers .....	100.0	.8	5.5	93.6	48.5	14.3	30.8
Professional and technical .....	100.0	.9	4.9	94.2	54.1	12.7	27.4
Managers and administrators, except farm .....	100.0	.5	2.2	97.3	37.9	16.5	42.9
Sales workers .....	100.0	.6	10.6	88.9	43.2	12.9	32.8
Clerical workers .....	100.0	1.5	8.7	89.9	62.0	14.8	13.1
Blue-collar workers .....	100.0	3.5	6.2	90.3	55.4	17.1	17.8
Craftsmen and kindred workers .....	100.0	2.7	2.7	94.6	58.8	17.6	18.2
Operatives, except transport .....	100.0	2.2	5.4	92.3	56.5	19.4	16.4
Transport equipment operatives .....	100.0	3.3	5.1	91.6	44.0	18.0	29.6
Nonfarm laborers .....	100.0	7.6	17.6	74.7	53.4	11.2	10.1
Service workers .....	100.0	3.6	19.1	77.3	50.6	11.8	14.9
Private household .....	100.0	(1)	(1)	(1)	(1)	(1)	(1)
Other service workers .....	100.0	3.5	18.9	77.6	50.9	11.8	14.9
<b>FEMALE</b>							
White-collar workers .....	100.0	2.0	21.5	76.5	61.6	7.9	7.0
Professional and technical .....	100.0	1.1	18.9	79.9	56.4	11.2	12.3
Managers and administrators, except farm .....	100.0	.7	12.4	87.0	52.9	12.9	21.2
Sales workers .....	100.0	5.0	45.4	49.6	38.7	5.1	5.8
Clerical workers .....	100.0	1.9	18.9	79.1	69.7	6.3	3.1
Blue-collar workers .....	100.0	7.1	10.0	82.9	66.1	11.6	5.2
Craftsmen and kindred workers .....	100.0	7.1	15.4	77.5	58.6	7.4	11.5
Operatives, except transport .....	100.0	7.2	6.6	86.1	69.2	12.3	4.6
Transport equipment operatives .....	100.0	3.5	57.3	39.2	29.4	1.4	8.4
Nonfarm laborers .....	100.0	6.6	25.3	68.0	52.1	12.8	3.1
Service workers .....	100.0	7.8	37.3	54.8	41.9	6.7	6.2
Private household .....	100.0	13.9	51.7	34.4	23.5	4.7	6.2
Other service workers .....	100.0	6.4	33.8	59.8	46.4	7.2	6.2

1/ Percent not shown where base is less than 75,000.

## A-27: Employment status of 14-15 year-olds by sex and color

September 1972  
(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population .....	8,294	4,217	4,077	7,094	3,618	3,476	1,199	599	601
Civilian labor force .....	1,399	822	577	1,316	776	539	83	45	38
Employed .....	1,234	726	509	1,193	700	492	42	25	17
Agriculture .....	194	174	20	181	163	18	13	11	2
Nonagricultural industries .....	1,041	552	489	1,012	538	474	29	14	15
Unemployed .....	165	96	69	123	76	47	41	20	21
Not in labor force .....	6,895	3,395	3,500	5,779	2,842	2,937	1,116	553	563
Keeping house .....	81	15	66	80	14	66	1	1	--
Going to school .....	6,597	3,259	3,338	5,528	2,722	2,806	1,069	537	532
Unable to work .....	12	7	5	9	5	4	3	2	1
All other reasons .....	205	114	91	162	101	61	43	13	30

## A-28: Employed 14-15 year-olds by sex, class of worker, and major occupational group

September 1972

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
<b>CLASS OF WORKER</b>						
Total .....	1,234	726	509	100.0	100.0	100.0
Nonagricultural industries .....	1,041	552	489	84.3	76.0	96.1
Wage and salary workers .....	955	478	477	77.3	65.8	93.7
Private household workers .....	500	138	362	40.5	19.0	71.1
Government workers .....	10	3	7	.8	.4	1.4
Other wage and salary workers .....	445	337	108	36.0	46.4	21.2
Self-employed workers .....	77	71	6	6.2	9.8	1.2
Unpaid family workers .....	8	2	6	.6	.3	1.2
Agriculture .....	194	174	20	15.7	24.0	3.9
Wage and salary workers .....	94	85	9	7.6	11.7	1.8
Self-employed workers .....	26	22	3	2.1	3.0	.6
Unpaid family workers .....	75	67	8	6.1	9.2	1.6
<b>OCCUPATION</b>						
Total .....	1,234	726	509	100.0	100.0	100.0
White-collar workers .....	252	200	53	20.4	27.5	10.4
Professional and technical .....	7	--	7	.6	--	1.4
Managers and administrators, except farm .....	3	1	2	.2	.1	.4
Sales workers .....	201	183	18	16.3	25.2	3.5
Clerical workers .....	41	15	26	3.3	2.1	5.1
Blue-collar workers .....	290	267	23	23.5	36.8	4.5
Craftsmen and kindred workers .....	6	6	--	.5	.8	--
Operatives, except transport .....	42	30	12	3.4	4.1	2.3
Transport equipment operatives .....	5	6	--	.4	.8	--
Nonfarm laborers .....	236	224	12	19.1	30.9	2.4
Service workers .....	527	111	416	42.7	15.3	81.4
Private household workers .....	366	11	355	29.6	1.5	69.5
Other service workers .....	161	100	61	13.0	13.8	11.9
Farm workers .....	166	148	18	13.4	20.4	3.5
Farmers and farm managers .....	7	5	2	.6	.7	.4
Farm laborers and foremen .....	159	143	16	12.9	19.7	3.1

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**

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**A-29: Employment status of the noninstitutional population by sex and age, seasonally adjusted**

(In thousands)

Employment status, sex, and age	1972							1971					
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Total</b>													
Total labor force . . . . .	89,454	89,256	88,855	88,788	88,905	88,747	88,817	88,075	88,301	87,883	87,812	87,467	87,240
Civilian labor force . . . . .	87,049	86,860	86,467	86,395	86,486	86,284	86,313	85,535	85,707	85,225	85,116	84,750	84,491
Employed . . . . .	82,222	81,973	81,682	81,667	81,394	81,205	81,241	80,623	80,636	80,098	80,020	79,832	79,451
Agriculture . . . . .	3,575	3,625	3,445	3,337	3,353	3,324	3,482	3,357	3,393	3,400	3,419	3,416	3,363
Nonagricultural industries . . . . .	78,647	78,348	78,237	78,330	78,041	77,881	77,759	77,266	77,243	76,698	76,601	76,416	76,088
On part time for economic reasons . . . . .	2,340	2,488	2,509	2,521	2,421	2,558	2,416	2,303	2,429	2,388	2,604	2,502	2,311
Usually work full time . . . . .	1,058	1,082	1,085	1,022	1,102	1,131	1,155	1,127	1,146	1,084	1,263	1,148	1,076
Usually work part time . . . . .	1,282	1,406	1,424	1,499	1,319	1,427	1,261	1,176	1,283	1,304	1,341	1,354	1,235
Unemployed . . . . .	4,827	4,887	4,785	4,728	5,092	5,079	5,072	4,912	5,071	5,127	5,096	4,918	5,040
<b>Men, 20 years and over</b>													
Total labor force . . . . .	51,115	50,978	50,979	50,904	50,760	50,711	50,714	50,373	50,498	50,463	50,527	50,530	50,492
Civilian labor force . . . . .	49,083	48,954	48,961	48,882	48,700	48,614	48,582	48,181	48,259	48,169	48,200	48,179	48,113
Employed . . . . .	47,204	47,063	47,032	46,919	46,628	46,541	46,569	46,255	46,247	46,080	46,066	46,124	45,969
Agriculture . . . . .	2,629	2,550	2,474	2,437	2,404	2,370	2,400	2,394	2,442	2,439	2,503	2,494	2,435
Nonagricultural industries . . . . .	44,575	44,513	44,558	44,482	44,224	44,171	44,169	43,861	43,805	43,641	43,563	43,630	43,534
Unemployed . . . . .	1,879	1,891	1,929	1,963	2,072	2,073	2,013	1,926	2,012	2,089	2,134	2,055	2,144
<b>Women, 20 years and over</b>													
Civilian labor force . . . . .	29,915	29,990	29,789	29,657	29,625	29,508	29,574	29,358	29,424	29,284	29,254	29,082	28,960
Employed . . . . .	28,296	28,334	28,078	28,029	27,883	27,913	27,972	27,878	27,794	27,592	27,571	27,471	27,319
Agriculture . . . . .	561	604	556	496	551	563	620	575	564	547	528	530	548
Nonagricultural industries . . . . .	27,735	27,730	27,522	27,533	27,332	27,350	27,352	27,303	27,230	27,045	27,043	26,941	26,771
Unemployed . . . . .	1,619	1,656	1,711	1,628	1,742	1,595	1,602	1,480	1,630	1,692	1,683	1,611	1,641
<b>Both sexes, 16-19 years</b>													
Civilian labor force . . . . .	8,051	7,916	7,717	7,856	8,161	8,162	8,157	7,996	8,024	7,772	7,662	7,489	7,418
Employed . . . . .	6,722	6,576	6,572	6,719	6,883	6,751	6,700	6,490	6,595	6,426	6,383	6,237	6,163
Agriculture . . . . .	385	471	415	404	398	391	462	388	387	414	388	392	380
Nonagricultural industries . . . . .	6,337	6,105	6,157	6,315	6,485	6,360	6,238	6,102	6,208	6,012	5,995	5,845	5,783
Unemployed . . . . .	1,329	1,340	1,145	1,137	1,278	1,411	1,457	1,506	1,429	1,346	1,279	1,252	1,255

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-37 will not necessarily add to totals.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

**A-30: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted**

(Numbers in thousands)

Full- and part-time employment status, sex, and age	1972							1971					
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Full time</b>													
Total, 16 years and over:													
Civilian labor force . . . . .	74,195	74,201	74,218	74,333	74,032	73,691	73,714	72,997	73,261	73,170	73,020	72,550	72,342
Employed . . . . .	70,482	70,423	70,437	70,643	69,918	69,725	69,734	69,123	69,279	69,023	68,889	68,643	68,285
Unemployed . . . . .	3,713	3,778	3,781	3,690	4,114	3,966	3,980	3,874	3,982	4,147	4,131	3,907	4,057
Unemployment rate . . . . .	5.0	5.1	5.1	5.0	5.6	5.4	5.4	5.3	5.4	5.7	5.7	5.4	5.6
Men, 20 years and over:													
Civilian labor force . . . . .	46,573	46,539	46,588	46,504	46,330	46,199	46,123	45,847	45,892	45,805	45,898	45,766	45,717
Employed . . . . .	44,859	44,801	44,821	44,745	44,441	44,330	44,282	44,074	44,061	43,881	43,909	43,848	43,729
Unemployed . . . . .	1,714	1,738	1,767	1,759	1,889	1,869	1,841	1,773	1,831	1,924	1,989	1,918	1,988
Unemployment rate . . . . .	3.7	3.7	3.8	3.8	4.1	4.0	4.0	3.9	4.0	4.2	4.3	4.2	4.3
Women, 20 years and over:													
Civilian labor force . . . . .	23,322	23,433	23,477	23,483	23,292	23,145	23,208	22,921	23,009	22,992	22,985	22,735	22,784
Employed . . . . .	20,067	22,119	22,093	22,180	21,828	21,896	21,904	21,691	21,704	21,680	21,643	21,464	21,433
Unemployed . . . . .	1,255	1,314	1,384	1,303	1,464	1,249	1,304	1,230	1,305	1,312	1,342	1,271	1,351
Unemployment rate . . . . .	5.4	5.6	5.9	5.5	6.3	5.4	5.6	5.4	5.7	5.7	5.8	5.6	5.9
<b>Part time</b>													
Total, 16 years and over:													
Civilian labor force . . . . .	12,983	12,759	12,208	11,867	12,406	12,466	12,596	12,540	12,595	12,083	12,125	12,190	12,293
Employed . . . . .	11,866	11,630	11,211	10,825	11,403	11,369	11,497	11,482	11,476	11,072	11,094	11,158	11,280
Unemployed . . . . .	1,117	1,129	997	1,042	1,003	1,097	1,099	1,058	1,119	1,011	1,031	1,032	1,013
Unemployment rate . . . . .	8.6	8.8	8.2	8.8	8.1	8.8	8.7	8.4	8.9	8.4	8.5	8.5	8.2

NOTE: Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.



HOUSEHOLD DATA  
SEASONALLY ADJUSTED

A-31: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1972									1971			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>White</b>													
Total:													
Civilian labor force .....	77,502	77,236	76,831	76,722	76,846	76,735	76,735	76,096	76,419	75,939	75,751	75,327	75,119
Employed .....	73,643	73,286	72,987	72,864	72,768	72,567	72,674	72,186	72,347	71,822	71,542	71,349	71,049
Unemployed .....	3,859	3,950	3,844	3,858	4,078	4,168	4,061	3,910	4,072	4,117	4,209	3,978	4,070
Unemployment rate .....	5.0	5.1	5.0	5.0	5.3	5.4	5.3	5.1	5.3	5.4	5.6	5.3	5.4
Males, 20 years and over:													
Civilian labor force .....	44,238	44,063	44,063	44,007	43,857	43,808	43,772	43,456	43,625	43,395	43,365	43,326	43,315
Employed .....	42,682	42,501	42,520	42,318	42,164	42,067	42,095	41,858	41,924	41,739	41,622	41,633	41,551
Unemployed .....	1,556	1,562	1,543	1,689	1,693	1,741	1,677	1,598	1,701	1,656	1,743	1,693	1,764
Unemployment rate .....	3.5	3.5	3.5	3.8	3.9	4.0	3.8	3.7	3.9	3.8	4.0	3.9	4.1
Females, 20 years and over:													
Civilian labor force .....	26,048	26,152	25,926	25,693	25,737	25,661	25,692	25,480	25,581	25,584	25,449	25,269	25,160
Employed .....	24,808	24,824	24,504	24,427	24,345	24,341	24,444	24,328	24,338	24,168	24,075	23,999	23,876
Unemployed .....	1,240	1,328	1,422	1,266	1,392	1,320	1,248	1,152	1,243	1,416	1,374	1,270	1,284
Unemployment rate .....	4.8	5.1	5.5	4.9	5.4	5.1	4.9	4.5	4.9	5.5	5.4	5.0	5.1
Both sexes, 16 to 19 years:													
Civilian labor force .....	7,216	7,021	6,842	7,022	7,252	7,266	7,271	7,160	7,213	6,960	6,937	6,732	6,644
Employed .....	6,153	5,961	5,963	6,119	6,259	6,159	6,135	6,000	6,085	5,915	5,845	5,717	5,622
Unemployed .....	1,063	1,060	879	903	993	1,107	1,136	1,160	1,128	1,045	1,092	1,015	1,022
Unemployment rate .....	14.7	15.1	12.8	12.9	13.7	15.2	15.6	16.2	15.6	15.0	15.7	15.1	15.4
<b>Negro and other races</b>													
Total:													
Civilian labor force .....	9,584	9,596	9,593	9,605	9,657	9,469	9,588	9,516	9,415	9,304	9,365	9,445	9,410
Employed .....	8,606	8,664	8,642	8,706	8,626	8,562	8,582	8,514	8,414	8,335	8,483	8,463	8,435
Unemployed .....	978	932	951	899	1,031	907	1,006	1,002	1,001	969	882	982	975
Unemployment rate .....	10.2	9.7	9.9	9.4	10.7	9.6	10.5	10.5	10.6	10.4	9.4	10.4	10.4
Males, 20 years and over:													
Civilian labor force .....	4,867	4,873	4,896	4,874	4,851	4,801	4,822	4,778	4,701	4,761	4,810	4,842	4,817
Employed .....	4,544	4,545	4,509	4,567	4,466	4,467	4,480	4,445	4,381	4,381	4,446	4,453	4,438
Unemployed .....	323	328	387	307	385	334	342	333	320	380	364	389	379
Unemployment rate .....	6.6	6.7	7.9	6.3	7.9	7.0	7.1	7.0	6.8	8.0	7.6	8.0	7.9
Females, 20 years and over:													
Civilian labor force .....	3,888	3,824	3,832	3,890	3,925	3,819	3,887	3,897	3,908	3,751	3,801	3,821	3,815
Employed .....	3,498	3,500	3,527	3,539	3,557	3,542	3,541	3,579	3,516	3,448	3,494	3,478	3,452
Unemployed .....	390	324	305	351	368	277	346	318	392	303	307	343	363
Unemployment rate .....	10.0	8.5	8.0	9.0	9.4	7.3	8.9	8.2	10.0	8.1	8.1	9.0	9.5
Both sexes, 16 to 19 years:													
Civilian labor force .....	829	899	865	841	881	849	879	841	806	792	754	782	778
Employed .....	564	619	606	600	603	553	561	490	517	506	543	532	545
Unemployed .....	265	280	259	241	278	296	318	351	289	286	211	250	233
Unemployment rate .....	32.0	31.1	29.9	28.7	31.6	34.9	36.2	41.7	35.9	36.1	28.0	32.0	29.9

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

A-32: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

Duration of unemployment	1972									1971			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Less than 5 weeks .....	2,369	2,254	2,149	2,175	2,223	2,169	2,311	2,142	2,358	2,410	2,290	2,140	2,317
5 to 14 weeks .....	1,385	1,505	1,478	1,437	1,514	1,521	1,412	1,454	1,502	1,509	1,650	1,529	1,567
15 weeks and over .....	1,137	1,188	1,155	1,148	1,180	1,137	1,224	1,294	1,198	1,273	1,311	1,253	1,250
15 to 26 weeks .....	587	644	658	594	587	482	591	634	636	724	741	628	683
27 weeks and over .....	550	544	497	554	593	655	633	660	562	549	570	625	567
Average (mean) duration .....	12.2	12.1	11.8	13.5	12.5	12.4	12.4	12.5	11.8	11.4	11.8	12.5	12.0

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**

**A-33: Major unemployment indicators, seasonally adjusted**  
(Unemployment rates)

Selected categories	1972								1971				
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Total (all civilian workers) .....	5.5	5.6	5.5	5.5	5.9	5.9	5.9	5.7	5.9	6.0	6.0	5.8	6.0
Men, 20 years and over .....	3.8	3.9	3.9	4.0	4.3	4.3	4.1	4.0	4.2	4.3	4.4	4.3	4.5
Women, 20 years and over .....	5.4	5.5	5.7	5.5	5.9	5.4	5.4	5.0	5.5	5.8	5.8	5.5	5.7
Both sexes, 16-19 years .....	16.5	16.9	14.8	14.5	15.7	17.3	17.9	18.8	17.8	17.3	16.7	16.7	16.9
White .....	5.0	5.1	5.0	5.0	5.3	5.4	5.3	5.1	5.3	5.4	5.6	5.3	5.4
Negro and other races .....	10.2	9.7	9.9	9.4	10.7	9.6	10.5	10.5	10.6	10.4	9.4	10.4	10.4
Household heads .....	3.3	3.3	3.3	3.6	3.6	3.4	3.4	3.3	3.5	3.8	3.6	3.5	3.8
Married men .....	2.8	2.6	2.7	2.9	2.9	2.9	2.8	2.8	3.0	3.2	3.3	3.0	3.3
Full-time workers .....	5.0	5.1	5.1	5.0	5.6	5.4	5.4	5.3	5.4	5.7	5.7	5.4	5.6
Part-time workers .....	8.6	8.8	8.2	8.8	8.1	8.8	8.7	8.4	8.9	8.4	8.5	8.5	8.2
Unemployed 15 weeks and over <sup>1</sup> .....	1.3	1.4	1.3	1.3	1.4	1.3	1.4	1.5	1.4	1.5	1.5	1.5	1.5
State insured <sup>2</sup> .....	3.4	3.4	3.8	3.6	3.7	3.6	3.5	3.5	3.4	4.1	4.1	4.4	4.3
Labor force time lost <sup>3</sup> .....	5.9	6.2	6.0	5.5	6.3	6.3	6.3	6.1	6.4	6.4	6.4	6.5	6.3
<b>Occupation</b>													
White-collar workers .....	3.3	3.5	3.4	3.1	3.6	3.4	3.5	3.3	3.6	3.6	3.4	3.4	3.4
Professional and technical .....	2.2	2.4	2.5	1.9	2.4	2.3	2.5	2.5	3.1	2.9	2.9	3.1	2.7
Managers and administrators, except farm .....	1.7	1.8	1.9	1.4	1.5	1.8	1.9	1.7	1.9	1.8	1.9	1.7	1.6
Sales workers .....	4.7	4.8	4.3	4.0	4.5	3.7	4.1	4.0	4.4	4.0	3.9	3.9	4.1
Clerical workers .....	4.7	4.9	4.6	4.8	5.3	4.9	4.9	4.7	4.7	4.9	4.6	4.7	4.8
Blue-collar workers .....	6.1	6.5	6.4	6.4	6.8	6.8	6.9	7.0	7.1	7.5	7.5	7.1	7.7
Craftsman and kindred workers .....	4.2	4.4	4.3	4.5	4.7	4.4	4.0	4.4	4.3	4.8	4.6	4.7	5.3
Operatives .....	6.4	6.7	7.1	6.8	7.1	7.4	7.7	7.5	7.9	8.2	8.2	7.8	8.3
Nonfarm laborers .....	9.6	10.9	9.3	9.5	10.9	10.7	11.7	11.8	11.6	11.9	11.8	10.6	11.2
Service workers .....	7.3	6.3	6.6	5.7	6.1	6.3	6.6	5.9	6.1	6.4	6.6	6.0	6.5
Farm workers .....	2.9	2.7	2.2	2.6	3.0	2.2	1.9	2.7	2.8	2.7	3.7	1.9	2.8
<b>Industry</b>													
Nonagricultural private wage and salary workers <sup>4</sup> .....	5.6	5.8	5.8	5.5	6.0	5.9	6.1	5.9	6.1	6.3	6.2	5.9	6.2
Construction .....	9.2	11.6	10.9	9.5	12.5	10.6	9.8	10.3	9.8	11.2	9.7	10.2	9.7
Manufacturing .....	5.1	5.4	5.7	5.6	6.0	5.8	6.2	6.0	6.4	6.9	6.6	6.2	6.9
Durable goods .....	4.8	5.0	5.7	5.7	6.3	5.8	6.3	6.1	6.7	6.7	6.7	6.4	7.0
Nondurable goods .....	5.5	6.0	5.6	5.5	5.7	5.9	6.1	6.0	6.0	7.1	6.3	5.8	6.8
Transportation and public utilities .....	3.7	3.8	3.6	3.1	3.5	3.7	4.0	3.9	4.1	4.1	4.4	4.3	3.6
Wholesale and retail trade .....	6.7	6.6	6.5	6.5	6.3	6.2	6.7	6.2	6.3	6.5	6.6	6.1	6.3
Finance and service industries .....	4.7	4.7	4.6	4.2	5.0	5.1	5.3	4.9	5.3	4.9	5.1	4.9	5.1
Government workers .....	3.2	3.0	2.8	2.5	2.9	2.9	2.8	2.8	3.0	3.2	3.2	3.2	3.0
Agricultural wage and salary workers .....	8.9	6.5	6.0	7.5	8.8	6.0	6.0	8.3	8.6	7.5	9.6	7.0	8.5

<sup>1</sup> Unemployment rate calculated as a percent of civilian labor force.

<sup>2</sup> Insured unemployment under State programs as a percent of average covered employment. As with the other statistics presented, insured unemployment data relate to the week containing the 12th.

<sup>3</sup> Man-hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force man-hours.

<sup>4</sup> Includes mining, not shown separately.

## HOUSEHOLD DATA SEASONALLY ADJUSTED

### A-34: Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1972									1971			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Total, 16 years and over</b> . . . . .	5.5	5.6	5.5	5.5	5.9	5.9	5.9	5.7	5.9	6.0	6.0	5.8	6.0
16 to 19 years . . . . .	16.5	16.9	14.8	14.5	15.7	17.3	17.9	18.8	17.8	17.3	16.7	16.7	16.9
16 and 17 years . . . . .	19.9	20.5	16.5	16.5	16.6	19.1	20.7	22.0	19.1	18.8	18.3	19.9	18.4
18 and 19 years . . . . .	14.1	14.0	13.5	12.9	15.8	15.5	15.8	16.7	16.8	16.3	15.4	14.5	15.8
20 to 24 years . . . . .	9.1	9.0	9.8	8.7	9.9	10.0	9.9	8.8	10.1	10.1	10.4	9.2	9.6
25 years and over . . . . .	3.5	3.6	3.7	3.9	3.9	3.8	3.7	3.6	3.7	4.1	4.0	4.0	4.0
25 to 54 years . . . . .	3.7	3.7	3.8	4.0	4.0	3.8	3.9	3.7	3.9	4.3	4.2	4.3	4.3
55 years and over . . . . .	3.1	3.7	3.4	3.6	3.6	3.6	3.3	3.1	3.1	3.4	3.4	3.0	3.2
<b>Males, 16 years and over</b> . . . . .	4.9	4.9	4.7	4.8	5.3	5.3	5.3	5.3	5.3	5.4	5.4	5.3	5.4
16 to 19 years . . . . .	15.9	16.5	13.6	13.8	16.6	16.7	17.8	19.6	17.3	17.3	16.2	16.5	16.3
16 and 17 years . . . . .	20.8	20.0	14.6	15.4	18.0	19.3	21.4	21.8	18.7	19.0	18.1	20.3	18.6
18 and 19 years . . . . .	12.3	13.2	12.8	12.4	16.2	14.8	15.1	17.6	16.1	16.0	14.7	13.7	14.6
20 to 24 years . . . . .	8.6	8.5	9.6	8.3	9.4	10.7	10.4	9.2	10.4	10.5	10.7	9.7	10.2
25 years and over . . . . .	3.0	3.1	3.0	3.3	3.4	3.3	3.2	3.2	3.2	3.5	3.5	3.5	3.5
25 to 54 years . . . . .	3.0	3.0	3.0	3.3	3.4	3.2	3.1	3.2	3.3	3.6	3.7	3.7	3.7
55 years and over . . . . .	3.3	3.4	3.1	3.5	3.5	3.5	3.4	3.2	3.0	3.0	3.2	2.9	3.0
<b>Females, 16 years and over</b> . . . . .	6.7	6.8	6.9	6.5	6.8	6.8	6.8	6.4	6.9	7.0	6.9	6.7	6.9
16 to 19 years . . . . .	17.3	17.5	16.4	15.4	14.6	18.0	17.9	17.9	18.4	17.3	17.3	17.0	17.6
16 and 17 years . . . . .	18.6	21.3	18.9	18.1	14.8	19.0	19.8	22.3	19.6	18.5	18.7	19.2	18.0
18 and 19 years . . . . .	16.3	14.9	14.4	13.5	15.3	16.4	16.8	15.6	17.7	16.7	16.2	15.6	17.3
20 to 24 years . . . . .	9.6	9.5	10.1	9.2	10.6	9.0	9.2	8.4	9.6	9.6	10.0	8.6	8.9
25 years and over . . . . .	4.5	4.6	4.8	4.8	4.8	4.6	4.7	4.3	4.6	5.0	4.8	4.9	4.9
25 to 54 years . . . . .	4.9	4.8	5.1	5.1	5.0	4.9	5.1	4.7	4.9	5.4	5.2	5.3	5.3
55 years and over . . . . .	2.9	4.3	4.0	3.8	3.8	3.6	3.1	2.9	3.3	3.9	3.7	3.0	3.4

### A-35: Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason for unemployment	1972									1971			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Number of unemployed</b>													
Lost last job . . . . .	2,121	2,244	2,093	2,210	2,199	2,040	2,118	2,077	2,169	2,365	2,360	2,206	2,369
Left last job . . . . .	635	644	616	624	649	611	674	603	564	666	629	541	583
Reentered labor force . . . . .	1,452	1,427	1,455	1,238	1,460	1,557	1,542	1,803	1,652	1,432	1,493	1,486	1,336
Never worked before . . . . .	649	640	564	621	802	917	737	713	742	736	651	663	603
<b>Percent distribution</b>													
Total unemployed . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job . . . . .	43.7	45.3	44.3	47.1	43.0	39.8	41.8	42.4	42.3	45.5	46.0	45.1	46.5
Left last job . . . . .	13.1	13.0	13.0	13.3	12.7	11.9	13.3	12.3	11.0	12.8	12.3	11.0	11.5
Reentered labor force . . . . .	29.9	28.8	30.8	26.4	28.6	30.4	30.4	30.7	32.2	27.5	29.1	30.4	30.2
Never worked before . . . . .	13.4	12.9	11.9	13.2	15.7	17.9	14.5	14.6	14.5	14.2	12.7	13.5	11.8
<b>Unemployed as a percent of the civilian labor force</b>													
Lost last job . . . . .	2.4	2.6	2.4	2.6	2.5	2.4	2.5	2.4	2.5	2.8	2.8	2.6	2.8
Left last job . . . . .	.7	.7	.7	.7	.8	.7	.8	.7	.7	.8	.7	.6	.7
Reentered labor force . . . . .	1.7	1.6	1.7	1.4	1.7	1.8	1.8	1.8	1.9	1.7	1.8	1.8	1.8
Never worked before . . . . .	.7	.7	.7	.7	.9	1.1	.9	.9	.9	.9	.8	.8	.7

# HOUSEHOLD DATA SEASONALLY ADJUSTED

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**A-36: Employed persons by sex and age, seasonally adjusted**

(In thousands)

Sex and age	1972									1971			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Total</b>													
16 years and over	82,222	81,973	81,682	81,667	81,394	81,205	81,241	80,623	80,636	80,098	80,020	79,832	79,451
16 to 19 years	6,722	6,576	6,572	6,719	6,883	6,751	6,700	6,490	6,595	6,426	6,383	6,237	6,163
16 and 17 years	2,748	2,692	2,700	2,747	2,891	2,787	2,736	2,688	2,836	2,655	2,712	2,551	2,592
18 and 19 years	3,975	3,864	3,876	3,955	3,986	3,939	3,953	3,817	3,791	3,760	3,688	3,695	3,579
20 to 24 years	11,045	11,005	10,835	10,923	10,777	10,658	10,614	10,586	10,513	10,486	10,338	10,489	10,364
25 years and over	64,473	64,361	64,180	63,934	63,769	63,802	63,970	63,567	63,603	63,228	63,334	63,131	62,943
25 to 54 years	50,367	50,323	50,176	49,944	49,914	49,853	49,921	49,613	49,478	49,157	49,181	49,031	48,913
55 years and over	14,113	14,019	13,937	13,905	13,887	13,903	14,087	13,990	14,231	14,077	14,115	14,091	14,030
<b>Male</b>													
16 years and over	51,025	50,771	50,677	50,679	50,347	50,252	50,271	49,824	49,902	49,669	49,726	49,681	49,430
16 to 19 years	3,821	3,708	3,645	3,760	3,719	3,711	3,702	3,569	3,655	3,589	3,660	3,557	3,461
16 and 17 years	1,568	1,588	1,571	1,610	1,596	1,564	1,551	1,525	1,591	1,545	1,589	1,489	1,503
18 and 19 years	2,253	2,090	2,080	2,136	2,160	2,118	2,154	2,054	2,084	2,056	2,079	2,071	1,963
20 to 24 years	6,187	6,094	6,047	6,110	5,990	5,917	5,929	5,862	5,821	5,819	5,680	5,749	5,635
25 years and over	41,025	40,936	40,920	40,734	40,651	40,628	40,676	40,435	40,467	40,319	40,403	40,368	40,341
25 to 54 years	32,140	32,072	32,068	31,889	31,824	31,791	31,724	31,594	31,504	31,440	31,482	31,460	31,405
55 years and over	8,903	8,835	8,832	8,819	8,810	8,829	8,970	8,840	9,015	8,877	8,924	8,906	8,950
<b>Female</b>													
16 years and over	31,197	31,202	31,005	30,988	31,047	30,953	30,970	30,799	30,734	30,429	30,294	30,151	30,021
16 to 19 years	2,901	2,868	2,927	2,959	3,164	3,040	2,998	2,921	2,940	2,837	2,723	2,680	2,702
16 and 17 years	1,180	1,104	1,129	1,137	1,295	1,223	1,185	1,163	1,245	1,110	1,123	1,062	1,089
18 and 19 years	1,722	1,774	1,796	1,819	1,826	1,821	1,799	1,763	1,707	1,704	1,609	1,624	1,616
20 to 24 years	4,862	4,911	4,788	4,813	4,787	4,741	4,685	4,724	4,692	4,667	4,658	4,740	4,729
25 years and over	23,448	23,425	23,260	23,200	23,118	23,174	23,294	23,132	23,136	22,909	22,941	22,783	22,603
25 to 54 years	18,227	18,251	18,108	18,055	18,090	18,062	18,197	18,019	17,974	17,717	17,699	17,571	17,508
55 years and over	5,210	5,184	5,105	5,086	5,077	5,074	5,117	5,150	5,216	5,200	5,191	5,185	5,080

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

**A-37: Employed persons by major occupational group, seasonally adjusted**

(In thousands)

Occupational group	1972									1971			
	Sept.	Aug.	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>White-collar workers</b>													
Professional & technical	39,561	39,353	39,113	38,704	38,776	38,884	38,661	38,883	38,587	38,341	38,800	38,699	38,734
Managers and adminis-	11,693	11,738	11,424	11,432	11,318	11,412	11,374	11,256	11,065	11,143	11,268	11,166	11,211
trators, except farm	7,999	8,086	8,058	7,847	7,883	7,849	7,895	8,049	8,020	8,067	8,824	8,946	8,878
Sales workers	5,436	5,315	5,355	5,258	5,434	5,389	5,276	5,311	5,314	5,228	5,126	5,046	5,027
Clerical workers	14,433	14,214	14,276	14,167	14,141	14,234	14,116	14,267	14,188	13,903	13,582	13,541	13,618
<b>Blue-collar workers</b>													
Craftsmen and kindred	28,662	28,479	28,474	28,872	28,603	28,309	28,666	28,015	28,203	27,804	27,404	27,362	27,161
workers	10,773	10,752	10,736	10,892	10,829	10,777	11,008	10,826	10,897	10,861	10,184	10,073	10,033
Operatives	13,607	13,465	13,442	13,642	13,603	13,425	13,483	13,181	13,373	13,148	13,131	13,068	13,079
Nonfarm laborers	4,282	4,262	4,296	4,338	4,171	4,107	4,175	4,008	3,933	3,795	4,089	4,221	4,049
<b>Service workers</b>													
Farmers and farm laborers	10,936	10,989	11,083	11,166	11,086	10,981	10,858	10,787	10,911	10,793	10,730	10,729	10,706
	3,154	3,187	3,006	2,902	2,924	2,957	3,074	2,985	3,031	3,019	3,010	3,041	2,957

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

<sup>1</sup>Data for 1972 represent the sum of transport equipment operatives and operatives, except transport.

## A-38: Employment status of male Vietnam Era veterans and nonveterans 20 to 29 years old

Employment status	(Numbers in thousands)								
	Sept. 1972	Aug. 1972	Sept. 1971	Seasonally adjusted					
				Sept. 1972	Aug. 1972	July 1972	June 1972	May 1972	Sept. 1971
<b>Veterans<sup>1</sup></b>									
Total, 20 to 29 years old									
Civilian noninstitutional population <sup>2</sup> . . . . .	4,596	4,574	4,206	4,596	4,574	4,551	4,529	4,519	4,206
Civilian labor force . . . . .	4,283	4,293	3,863	4,288	4,233	4,206	4,183	4,196	3,887
Employed . . . . .	4,043	3,993	3,541	4,003	3,905	3,898	3,881	3,858	3,508
Unemployed . . . . .	240	300	322	285	328	308	302	338	379
Unemployment rate . . . . .	5.6	7.0	8.3	6.6	7.7	7.3	7.2	8.1	9.8
20 to 24 years									
Civilian noninstitutional population <sup>2</sup> . . . . .	1,897	1,913	1,989	1,897	1,913	1,928	1,943	1,970	1,989
Civilian labor force . . . . .	1,713	1,755	1,788	1,720	1,739	1,745	1,775	1,792	1,801
Employed . . . . .	1,574	1,573	1,588	1,566	1,521	1,559	1,600	1,608	1,580
Unemployed . . . . .	139	182	200	154	218	186	175	184	221
Unemployment rate . . . . .	8.1	10.4	11.2	9.0	12.5	10.7	9.9	10.3	12.3
25 to 29 years									
Civilian noninstitutional population <sup>2</sup> . . . . .	2,699	2,661	2,217	2,699	2,661	2,623	2,586	2,549	2,217
Civilian labor force . . . . .	2,570	2,538	2,075	2,568	2,494	2,461	2,408	2,404	2,086
Employed . . . . .	2,469	2,420	1,953	2,437	2,384	2,339	2,281	2,250	1,928
Unemployed . . . . .	101	118	122	131	110	122	127	154	158
Unemployment rate . . . . .	3.9	4.6	5.9	5.1	4.4	5.0	5.3	6.4	7.6
<b>Nonveterans</b>									
Total, 20 to 29 years old									
Civilian noninstitutional population <sup>2</sup> . . . . .	10,155	10,121	9,476	10,155	10,121	10,085	10,036	9,914	9,476
Civilian labor force . . . . .	8,841	9,186	8,163	8,800	8,729	8,715	8,677	8,555	8,128
Employed . . . . .	8,305	8,688	7,621	8,262	8,187	8,149	8,110	7,949	7,583
Unemployed . . . . .	536	498	542	538	542	566	567	606	545
Unemployment rate . . . . .	6.1	5.4	6.6	6.1	6.2	6.5	6.5	7.1	6.7
20 to 24 years									
Civilian noninstitutional population <sup>2</sup> . . . . .	6,140	6,113	5,580	6,140	6,113	6,086	6,065	5,958	5,580
Civilian labor force . . . . .	5,041	5,366	4,458	5,006	4,923	4,909	4,904	4,808	4,427
Employed . . . . .	4,642	5,003	4,069	4,614	4,524	4,485	4,512	4,369	4,045
Unemployed . . . . .	399	363	389	392	399	424	392	439	382
Unemployment rate . . . . .	7.9	6.8	8.7	7.8	8.1	8.6	8.0	9.1	8.6
25 to 29 years									
Civilian noninstitutional population <sup>2</sup> . . . . .	4,015	4,008	3,896	4,015	4,008	3,999	3,971	3,956	3,896
Civilian labor force . . . . .	3,800	3,820	3,705	3,794	3,806	3,806	3,773	3,747	3,701
Employed . . . . .	3,663	3,685	3,552	3,648	3,663	3,664	3,598	3,580	3,538
Unemployed . . . . .	137	135	153	146	143	142	175	167	163
Unemployment rate . . . . .	3.6	3.5	4.1	3.8	3.8	3.7	4.6	4.5	4.4

<sup>1</sup> Vietnam Era veterans are those who served after August 4, 1964; they are all classified as war veterans. 79 percent of the Vietnam Era veterans of all ages are 20 to 29 years old. Post-Korean-peace-time veterans 20 to 29 years old are not included in this table.

<sup>2</sup> Since seasonal variations are not present in the population figures, identical numbers appear in the unadjusted and seasonally adjusted columns.

**ESTABLISHMENT DATA  
HISTORICAL EMPLOYMENT**

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

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Whole-sale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	12,813	1,133	1,021	10,659	14,275	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	12,745	1,239	848	10,658	14,605	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	10,231	962	1,012	8,257	14,151	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	11,234	929	1,185	9,120	14,593	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	12,741	1,212	1,229	10,300	15,653	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	12,093	1,101	1,321	9,671	15,947	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	12,474	1,089	1,446	9,939	16,304	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	12,896	1,185	1,555	10,156	16,923	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	12,723	1,114	1,608	10,001	17,253	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	12,603	1,050	1,606	9,947	17,397	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	13,286	1,087	1,497	10,702	18,053	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	11,943	1,009	1,372	9,562	17,481	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	10,257	873	1,214	8,170	16,392	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	8,632	731	970	6,931	14,996	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	8,950	744	809	7,397	14,761	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	10,246	883	862	8,501	15,707	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	10,878	897	912	9,069	16,175	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	11,918	946	1,145	9,827	17,164	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	12,921	1,015	1,112	10,794	18,105	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	11,386	891	1,055	9,440	17,823	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	12,282	854	1,150	10,278	18,336	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	13,204	925	1,294	10,985	19,173	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	15,939	957	1,790	13,192	20,614	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	18,442	992	2,170	15,280	21,683	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	20,094	925	1,567	17,602	22,359	3,647	6,982	1,741	5,241	1,503	4,148	6,080	2,905	3,174
1944.....	41,883	19,314	892	1,094	17,328	22,569	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	17,492	836	1,132	15,524	22,902	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	17,226	862	1,661	14,703	24,448	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	18,482	955	1,982	15,545	25,399	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	18,745	994	2,169	15,582	26,146	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	17,536	930	2,165	14,441	26,242	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	18,475	901	2,333	15,241	26,747	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	19,925	929	2,603	16,393	27,924	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	20,164	898	2,634	16,632	28,660	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	21,038	866	2,623	17,549	29,195	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	19,717	791	2,612	16,314	29,306	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	20,476	792	2,802	16,882	30,199	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	21,064	822	2,999	17,243	31,344	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	20,925	828	2,923	17,174	31,969	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	19,474	751	2,778	15,945	31,890	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	20,367	732	2,960	16,675	32,945	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	20,393	712	2,885	16,796	33,840	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	19,814	672	2,816	16,326	34,229	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	20,405	650	2,902	16,853	35,190	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	20,593	635	2,963	16,995	36,108	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	20,958	634	3,050	17,274	37,373	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	21,880	632	3,186	18,062	38,936	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	23,116	627	3,275	19,214	40,839	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	23,268	613	3,208	19,447	42,589	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,915	23,672	606	3,285	19,781	44,244	4,310	14,084	3,611	10,473	3,382	10,623	11,845	2,737	9,109
1969.....	70,284	24,221	619	3,435	20,167	46,063	4,429	14,639	3,733	10,906	3,564	11,229	12,202	2,758	9,444
1970.....	70,593	23,552	623	3,381	19,349	47,242	4,493	14,914	3,812	11,102	3,688	11,612	12,535	2,705	9,830
1971.....	70,645	22,542	602	3,411	18,529	48,103	4,442	15,142	3,809	11,333	3,796	11,869	12,856	2,664	10,191
1971:Sept.	71,162	23,045	625	3,663	18,757	48,117	4,469	15,213	3,832	11,381	3,825	11,930	12,680	2,666	10,014
Oct.	71,378	22,839	520	3,684	18,635	48,539	4,415	15,300	3,849	11,451	3,823	11,963	13,038	2,659	10,379
Nov.	71,643	22,766	522	3,624	18,620	48,877	4,407	15,509	3,857	11,652	3,832	11,973	13,156	2,655	10,501
Dec.	72,039	22,515	607	3,388	18,520	49,524	4,432	16,061	3,867	12,194	3,836	11,970	13,225	2,684	10,541
1972:Jan.	70,642	22,142	603	3,174	18,365	48,500	4,393	15,237	3,822	11,415	3,828	11,864	13,178	2,654	10,524
Feb.	70,775	22,151	598	3,096	18,457	48,624	4,367	15,120	3,817	11,303	3,839	11,967	13,331	2,656	10,675
Mar.	71,393	22,384	601	3,210	18,573	49,009	4,442	15,248	3,844	11,404	3,862	12,066	13,391	2,656	10,735
Apr.	71,979	22,613	600	3,374	18,639	49,366	4,445	15,436	3,851	11,585	3,880	12,218	13,387	2,664	10,723
May.	72,612	22,884	605	3,528	18,751	49,728	4,481	15,570	3,875	11,695	3,909	12,338	13,430	2,662	10,768
June.	73,463	23,401	614	3,717	19,070	50,062	4,549	15,749	3,946	11,803	3,966	12,487	13,311	2,659	10,652
July.	72,469	23,057	614	3,740	18,703	49,412	4,531	15,653	3,956	11,697	3,990	12,489	12,749	2,645	10,104
Aug.	72,983	23,609	617	3,831	19,161	49,374	4,536	15,676	3,973	11,703	3,995	12,486	12,681	2,644	10,037
Sept.	73,572	23,680	613	3,772	19,295	49,892	4,539	15,755	3,970	11,785	3,955	12,450	13,193	2,639	10,554

p=preliminary.

NOTE: Data include Alaska and Hawaii beginning 1986. This inclusion has resulted in an increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1969 benchmark month.

B-2: Employees on nonagricultural payrolls, by industry

		(In thousands)									
SIC CODE	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971
-	<b>TOTAL</b> .....	73,572	72,983	72,469	71,162	70,526	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	60,379	60,302	59,720	58,482	58,272	50,025	49,957	49,407	48,396	48,178
-	<b>MINING</b> .....	613	617	614	625	627	462	468	466	474	475
10	<b>METAL MINING</b> .....	-	85.3	85.5	83.7	82.1	-	67.7	67.9	65.3	63.5
101	Iron ores .....	-	19.4	19.2	23.9	24.8	-	15.3	15.3	19.4	20.2
102	Copper ores .....	-	40.3	38.9	30.3	27.2	-	32.1	30.8	22.4	19.2
11,12	<b>COAL MINING</b> .....	-	145.2	145.3	160.6	159.0	-	123.1	123.3	138.2	136.4
12	Bituminous coal and lignite mining .....	-	141.7	141.7	155.5	153.8	-	120.0	120.0	133.7	131.8
13	<b>OIL AND GAS EXTRACTION</b> .....	-	268.0	265.5	264.1	268.3	-	179.4	177.1	173.7	177.5
131,2	Crude petroleum and natural gas fields .....	-	140.1	141.4	141.7	144.3	-	72.6	73.2	72.4	74.7
138	Oil and gas field services .....	-	127.9	124.1	122.4	124.0	-	106.8	103.9	101.3	102.8
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	-	118.0	118.1	116.2	117.4	-	97.4	97.6	96.3	97.3
142	Crushed and broken stone .....	-	41.3	41.4	40.9	41.2	-	35.1	35.3	34.7	34.9
144	Sand and gravel .....	-	41.4	40.8	39.3	39.9	-	-	-	-	-
	<b>CONTRACT CONSTRUCTION</b> .....	3,772	3,831	3,740	3,663	3,691	3,152	3,199	3,115	3,075	3,103
	<b>GENERAL BUILDING CONTRACTORS</b> .....	-	1,120.7	1,087.2	1,066.2	1,080.7	-	929.7	897.5	888.9	904.4
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	-	867.0	838.8	814.3	824.5	-	749.9	722.7	701.3	710.7
161	Highway and street construction .....	-	418.1	407.1	401.1	406.0	-	373.9	362.8	357.4	362.3
162	Heavy construction, n e c .....	-	448.9	431.7	413.2	418.5	-	376.0	359.9	343.9	348.4
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	1,843.2	1,813.9	1,782.8	1,786.2	-	1,518.9	1,495.1	1,485.0	1,487.9
171	Plumbing, heating, air conditioning .....	-	445.3	442.9	435.6	433.5	-	349.3	347.6	348.5	346.1
172	Painting, paper hanging, decorating .....	-	145.6	143.9	135.1	137.9	-	127.3	126.1	118.6	121.1
173	Electrical work .....	-	335.3	330.2	306.9	309.1	-	270.1	264.8	245.8	247.9
174	Masonry, stonework, and plastering .....	-	215.3	213.4	223.9	225.3	-	190.5	191.9	202.8	204.3
176	Roofing and sheet metal work .....	-	127.0	122.8	116.7	117.1	-	104.8	101.2	95.8	96.2
	<b>MANUFACTURING</b> .....	19,295	19,161	18,703	18,757	18,578	14,177	14,039	13,590	13,686	13,477
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	11,083	10,945	10,713	10,629	10,466	8,111	7,972	7,739	7,679	7,504
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	8,212	8,216	7,990	8,128	8,112	6,066	6,067	5,851	6,007	5,973
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	194.3	191.5	189.7	189.1	188.9	99.0	97.1	95.3	94.0	93.2
192	Ammunition, except for small arms .....	135.4	132.8	130.1	130.2	130.5	62.4	60.7	58.2	58.4	58.3
1925	Complete guided missiles .....	-	92.2	90.7	88.2	87.9	-	28.7	27.4	26.1	25.9
1929	Ammunition, exc. for small arms, nec .....	-	40.6	39.4	42.0	42.6	-	32.0	30.8	32.3	32.4
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	625.1	635.5	629.3	602.9	604.3	539.7	549.4	543.3	520.6	521.6
241	Logging camps & logging contractors .....	(*)	73.2	73.7	75.5	77.2	-	-	-	-	-
242	Sawmills and planing mills .....	218.7	224.3	222.3	216.2	217.3	198.3	203.5	201.4	196.5	197.5
2421	Sawmills and planing mills, general .....	-	190.9	189.3	184.1	185.7	-	173.3	171.6	167.6	169.1
243	Millwork, plywood & related products .....	210.0	214.0	211.1	194.6	194.4	175.9	179.0	176.4	162.1	161.7
2431	Millwork .....	-	89.7	88.8	83.2	82.0	-	73.9	73.0	68.3	67.3
2432	Veneer and plywood .....	-	83.7	83.0	75.4	75.1	-	74.2	73.5	67.5	67.2
244	Wooden containers .....	27.9	28.7	29.5	28.8	28.8	24.9	25.6	26.3	25.6	25.5
2441,2	Wooden boxes, shooks, and crates .....	-	23.5	24.0	22.8	23.0	-	21.1	21.5	20.3	20.4
249	Miscellaneous wood products .....	94.4	95.3	92.7	87.8	86.6	78.1	78.8	76.6	72.8	71.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971
<i>Durable Goods--Continued</i>											
25	<b>FURNITURE AND FIXTURES</b> . . . . .	498.3	499.2	485.1	467.8	458.6	411.8	413.1	399.9	385.3	377.1
251	Household furniture . . . . .	358.2	358.4	348.3	332.8	324.9	303.4	304.2	294.7	282.0	274.5
2511	Wood household furniture . . . . .	—	179.1	173.7	167.6	162.2	—	157.2	152.4	147.0	141.6
2512	Upholstered household furniture . . . . .	—	101.7	99.3	91.1	89.3	—	85.3	83.0	76.1	74.5
2515	Mattresses and bedsprings . . . . .	—	39.0	38.3	38.6	38.4	—	30.2	29.5	29.9	29.7
252	Office furniture . . . . .	—	39.1	38.0	37.2	35.9	—	30.6	29.6	28.3	27.2
254	Partitions and fixtures . . . . .	—	53.2	51.2	50.5	50.1	—	41.2	39.4	38.8	38.5
253,9	Other furniture and fixtures . . . . .	48.1	48.5	47.6	47.3	47.7	36.8	37.1	36.2	36.2	36.9
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> . . .	677.2	679.8	672.9	650.0	650.0	543.3	545.6	539.3	517.8	517.4
321	Flat glass . . . . .	—	24.4	24.2	24.3	24.0	—	18.1	18.0	18.1	17.6
322	Glass and glassware, pressed or blown . . .	137.7	137.5	135.0	129.8	131.1	119.1	118.9	117.0	111.3	112.6
3221	Glass containers . . . . .	—	78.9	78.6	77.3	77.5	—	69.6	69.4	67.8	68.0
3229	Pressed and blown glass, n e c . . . . .	—	58.6	56.4	52.5	53.6	—	49.3	47.6	43.5	44.6
324	Cement, hydraulic . . . . .	33.7	34.6	34.7	33.6	33.9	26.5	27.3	27.4	26.5	26.9
325	Structural clay products . . . . .	59.6	60.6	60.8	58.1	58.0	49.8	50.8	50.8	48.2	48.0
3251	Brick and structural clay tile . . . . .	—	26.9	26.9	25.8	25.7	—	23.6	23.5	22.5	22.3
326	Pottery and related products . . . . .	—	44.8	44.0	42.6	41.6	—	37.7	36.5	35.3	34.2
327	Concrete, gypsum, and plaster products . .	207.8	209.0	206.4	200.3	201.4	163.3	164.8	162.4	157.2	158.2
328,9	Other stone and nonmetallic mineral products	(*)	136.2	136.3	130.5	130.0	(*)	102.4	102.6	96.9	96.2
3291	Abrasive products . . . . .	—	27.0	26.9	24.6	24.7	—	19.1	18.8	16.7	16.9
33	<b>PRIMARY METAL INDUSTRIES</b> . . . . .	1,258.0	1,242.6	1,232.3	1,179.6	1,167.9	1,006.7	990.1	980.8	922.2	908.1
331	Blast furnace and basic steel products . .	(*)	581.6	582.6	528.5	529.3	(*)	464.4	465.6	408.9	408.6
3312	Blast furnaces and steel mills . . . . .	—	501.1	501.4	450.6	450.8	—	401.7	402.3	348.9	348.3
332	Iron and steel foundries . . . . .	222.3	218.7	214.3	218.6	214.6	185.0	181.1	177.3	181.4	177.1
3321	Gray iron foundries . . . . .	—	137.4	133.6	136.6	133.3	—	115.6	112.1	115.1	111.6
3322	Malleable iron foundries . . . . .	—	24.9	24.8	23.3	22.9	—	20.8	20.7	19.4	19.0
3323	Steel foundries . . . . .	—	56.4	55.9	58.7	58.4	—	44.7	44.5	46.9	46.5
333,4	Nonferrous metals . . . . .	(*)	83.6	83.2	83.5	80.8	(*)	65.1	64.6	64.3	61.3
3334	Primary aluminum . . . . .	—	29.3	29.2	30.8	30.6	—	24.1	24.0	25.3	25.0
335	Nonferrous rolling and drawing . . . . .	210.1	206.6	203.7	205.1	199.9	158.7	155.0	152.7	151.4	146.0
3351	Copper rolling and drawing . . . . .	—	39.4	38.5	41.1	41.0	—	29.9	29.1	30.6	30.5
3352	Aluminum rolling and drawing . . . . .	—	68.3	67.5	66.5	64.3	—	51.1	50.4	48.6	46.0
3357	Nonferrous wire drawing and insulating . .	—	78.4	77.6	77.5	74.3	—	59.4	58.8	58.5	55.6
336	Nonferrous foundries . . . . .	84.7	83.4	81.3	78.1	76.9	70.9	69.6	67.4	64.4	63.1
3361	Aluminum castings . . . . .	—	43.1	42.6	39.4	38.5	—	36.4	35.8	32.8	32.0
3362,9	Other nonferrous castings . . . . .	—	40.3	38.7	38.7	38.4	—	33.2	31.6	31.6	31.1
339	Miscellaneous primary metal products . . . .	(*)	68.7	67.2	65.8	66.4	(*)	54.9	53.2	51.8	52.0
3391	Iron and steel forgings . . . . .	—	45.3	44.4	44.6	45.1	—	36.9	35.7	35.7	36.0
34	<b>FABRICATED METAL PRODUCTS</b> . . . . .	1,393.1	1,375.6	1,354.7	1,348.9	1,327.4	1,071.7	1,053.3	1,032.3	1,030.8	1,009.0
341	Metal cans . . . . .	70.2	70.7	71.0	74.3	74.4	60.3	60.5	60.9	64.1	64.1
342	Cutlery, hand tools, and hardware . . . . .	156.9	153.4	151.2	147.1	144.5	123.6	120.4	118.2	115.1	112.1
3421,3,5	Cutlery and hand tools, incl. saws . . . .	—	63.8	64.6	61.6	61.2	—	50.3	50.9	48.2	47.3
3429	Hardware, n e c . . . . .	—	89.6	86.6	85.5	83.3	—	70.1	67.3	66.9	64.8
343	Plumbing and heating, except electric . . .	80.3	80.8	77.1	78.2	76.8	60.6	60.9	59.1	58.7	57.1
3431,2	Sanitary ware & plumbers' brass goods . .	—	38.9	37.1	37.6	37.5	—	31.1	29.4	29.8	29.6
3433	Heating equipment, except electric . . . .	—	41.9	42.0	40.6	39.3	—	29.8	29.7	28.9	27.5
344	Fabricated structural metal products . . . .	(*)	439.3	432.5	430.6	429.0	(*)	317.1	309.8	308.0	306.9
3441	Fabricated structural steel . . . . .	—	103.1	101.2	103.2	102.8	—	74.9	72.9	75.1	74.9
3442	Metal doors, sash, and trim . . . . .	—	79.6	78.3	76.7	75.7	—	59.4	57.9	56.4	56.0
3443	Fabricated plate work (boiler shops) . . . .	—	112.8	111.1	111.7	112.1	—	78.3	76.2	77.1	77.7
3444	Sheet metal work . . . . .	—	86.2	85.1	83.6	83.4	—	63.1	62.3	60.8	60.1
3446,9	Architectural and misc. metal work . . . .	—	57.6	56.8	55.4	55.0	—	41.4	40.5	38.6	38.2
345	Screw machine products, bolts, etc . . . . .	97.0	95.8	95.0	92.2	89.8	76.7	75.2	74.2	70.8	68.6
3451	Screw machine products . . . . .	—	41.8	41.1	39.0	37.9	—	34.7	33.9	31.9	31.0
3452	Bolts, nuts, rivets, and washers . . . . .	—	54.0	53.9	53.2	51.9	—	40.5	40.3	38.9	37.6
346	Metal stampings . . . . .	238.5	228.7	221.3	231.6	221.7	192.4	183.1	175.7	187.2	177.4
347	Metal services, n e c . . . . .	87.0	86.4	85.0	82.0	79.5	71.9	70.9	69.8	67.3	64.8
348	Misc. fabricated wire products . . . . .	67.3	67.2	66.3	64.6	63.7	54.0	53.6	52.9	51.1	50.2
349	Misc. fabricated metal products . . . . .	154.1	153.3	152.3	148.3	148.0	112.5	111.6	111.7	108.5	107.8
3494,8	Valves, pipe, and pipe fittings . . . . .	—	95.1	94.9	91.9	92.1	—	65.8	65.9	64.2	64.1

See footnotes at end of table.



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

SIC Code	Industry	(In thousands)																			
		All employees					Production workers <sup>1</sup>														
		Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971										
	<i>Durable Goods--Continued</i>																				
35	<b>MACHINERY, EXCEPT ELECTRICAL . . . . .</b>	1,871.7	1,858.7	1,855.3	1,803.3	1,782.0	1,243.5	1,228.4	1,224.9	1,179.2	1,154.7										
351	Engines and turbines . . . . .	111.3	110.6	108.9	110.6	110.7	72.5	72.1	71.2	72.9	72.9										
3511	Steam engines and turbines . . . . .	-	43.6	42.8	44.7	44.0	-	23.7	23.2	25.6	25.1										
3519	Internal combustion engines, n e c . . . . .	-	67.0	66.1	65.9	66.7	-	48.4	48.0	47.3	47.8										
352	Farm machinery . . . . .	-	131.5	130.7	120.3	116.2	-	93.8	92.7	83.7	80.0										
353	Construction and related machinery . . . . .	(*)	288.1	288.7	278.6	276.8	(*)	189.1	188.6	177.9	176.4										
3531,2	Construction and mining machinery . . . . .	-	155.3	155.1	152.3	150.0	-	103.6	103.0	99.6	98.0										
3533	Oil field machinery . . . . .	-	46.1	46.0	43.6	43.8	-	32.2	32.0	29.5	29.6										
3535,6	Conveyors, hoists, cranes, monorails . . . . .	-	39.2	40.4	38.1	37.9	-	24.2	25.0	22.6	22.2										
3537	Industrial trucks and tractors . . . . .	-	31.4	30.9	28.9	28.9	-	20.8	20.3	18.3	18.5										
354	Metal working machinery . . . . .	(*)	283.9	284.3	272.9	266.1	(*)	205.6	205.9	197.9	190.5										
3541	Machine tools, metal cutting types . . . . .	-	57.3	56.1	55.1	53.3	-	36.4	35.4	35.4	33.8										
3544	Special dies, tools, jigs, & fixtures . . . . .	-	108.6	109.9	106.3	103.2	-	86.8	88.2	84.9	81.4										
3545	Machine tool accessories . . . . .	-	48.2	48.4	46.4	45.5	-	34.5	34.2	32.6	31.3										
3542,8	Misc. metal working machinery . . . . .	-	69.8	69.9	65.1	64.1	-	47.9	48.1	45.0	44.0										
355	Special industry machinery . . . . .	178.9	178.3	177.1	176.5	175.7	116.4	116.1	115.0	114.4	113.7										
3551	Food products machinery . . . . .	-	38.3	38.3	37.6	37.6	-	24.6	24.5	23.5	23.3										
3552	Textile machinery . . . . .	-	37.3	36.7	35.8	35.8	-	27.7	26.9	26.4	26.5										
3555	Printing trades machinery . . . . .	-	25.0	25.6	27.5	27.0	-	14.8	15.2	16.9	16.6										
356	General industrial machinery . . . . .	(*)	263.8	263.0	258.3	256.0	(*)	176.3	175.6	170.7	166.9										
3561	Pumps and compressors . . . . .	-	76.3	76.4	72.2	72.7	-	47.2	47.0	42.8	42.6										
3562	Ball and roller bearings . . . . .	-	50.7	50.3	51.3	50.1	-	39.1	38.8	39.1	37.7										
3564	Blowers and fans . . . . .	-	32.8	32.5	32.9	32.4	-	20.4	20.3	21.3	21.0										
3566	Power transmission equipment . . . . .	-	47.7	47.4	45.5	45.2	-	33.9	33.7	32.3	31.4										
357	Office and computing machines . . . . .	244.5	246.0	244.2	247.4	246.7	110.4	110.5	109.6	113.5	111.6										
3573	Electronic computing equipment . . . . .	-	172.3	171.4	172.7	171.7	-	59.9	59.6	62.8	61.1										
358	Service industry machines . . . . .	(*)	147.9	150.3	139.4	138.3	(*)	102.5	104.8	95.1	93.4										
3585	Refrigeration machinery . . . . .	-	98.7	101.5	93.6	93.0	-	69.1	71.7	64.3	63.3										
359	Misc. machinery, except electrical . . . . .	(*)	208.6	208.1	199.3	195.5	(*)	162.4	161.5	153.1	149.3										
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	1,869.2	1,838.4	1,813.0	1,783.1	1,757.6	1,274.6	1,242.4	1,216.9	1,190.6	1,162.2										
361	Electric test & distributing equipment . . . . .	195.8	196.0	193.2	187.1	185.9	135.2	134.3	131.6	127.3	125.4										
3611	Electric measuring instruments . . . . .	-	67.8	66.2	61.4	60.9	-	41.8	40.7	37.6	37.0										
3612	Transformers . . . . .	-	53.5	52.6	51.7	50.9	-	39.3	38.6	37.6	36.8										
3613	Switchgear and switchboard apparatus . . . . .	-	74.7	74.4	74.0	74.1	-	53.2	52.3	52.1	51.6										
362	Electrical industrial apparatus . . . . .	(*)	212.1	209.6	200.3	197.1	(*)	147.7	145.6	137.3	134.4										
3621	Motors and generators . . . . .	-	114.9	113.5	109.0	106.7	-	82.4	81.3	76.4	74.2										
3622	Industrial controls . . . . .	-	59.7	59.3	55.7	54.8	-	38.6	38.3	35.7	35.0										
363	Household appliances . . . . .	(*)	196.8	194.3	187.2	179.7	(*)	156.8	153.9	148.9	141.4										
3632	Household refrigerators and freezers . . . . .	-	57.3	60.0	57.6	53.8	-	46.5	49.2	46.9	43.1										
3633	Household laundry equipment . . . . .	-	29.4	27.7	27.7	27.7	-	23.9	22.2	22.8	22.9										
3634	Electric housewares and fans . . . . .	-	51.0	49.1	48.6	46.8	-	40.6	38.6	38.2	36.4										
364	Electric lighting and wiring equipment . . . . .	205.3	202.5	196.9	191.0	187.5	159.5	156.8	151.1	147.0	142.9										
3641	Electric lamps . . . . .	-	36.2	35.5	36.1	35.8	-	31.7	31.0	31.7	31.4										
3642	Lighting fixtures . . . . .	-	67.5	65.7	65.1	63.7	-	51.7	49.9	50.2	48.6										
3643,4	Wiring devices . . . . .	-	98.8	95.7	89.8	88.0	-	73.4	70.2	65.1	62.9										
365	Radio and TV receiving equipment . . . . .	142.1	138.7	137.8	135.3	131.3	106.0	103.4	102.3	100.0	95.4										
366	Communication equipment . . . . .	432.7	429.3	427.1	437.7	439.2	220.2	215.2	213.0	219.1	219.4										
3661	Telephone and telegraph apparatus . . . . .	-	147.4	146.6	155.2	155.7	-	94.7	93.5	100.3	100.8										
3662	Radio and TV communication equipment . . . . .	-	281.9	280.5	282.5	283.5	-	120.5	119.5	118.8	118.6										
367	Electronic components and accessories . . . . .	(*)	341.2	335.3	322.6	319.1	(*)	233.7	228.0	216.3	212.7										
3671-3	Electron tubes . . . . .	-	50.6	50.5	50.6	50.9	-	35.9	35.8	35.2	35.5										
3674,9	Other electronic components . . . . .	-	290.6	284.8	272.0	268.2	-	197.8	192.2	181.1	177.2										
369	Misc. electrical equipment & supplies . . . . .	125.5	121.8	118.8	121.9	117.8	98.2	94.5	91.4	94.7	90.6										
3694	Engine electrical equipment . . . . .	-	63.9	63.1	62.3	59.7	-	51.0	50.0	49.2	46.7										
37	<b>TRANSPORTATION EQUIPMENT</b>	1,789.3	1,725.2	1,610.5	1,737.9	1,671.3	1,290.6	1,230.6	1,110.7	1,241.9	1,173.6										
371	Motor vehicles and equipment . . . . .	(*)	849.2	724.9	863.2	802.4	(*)	654.4	527.6	671.3	608.1										
3711	Motor vehicles . . . . .	-	373.9	301.1	383.7	340.2	-	268.3	197.8	283.1	237.9										
3712	Passenger car bodies . . . . .	-	51.3	28.4	50.2	44.4	-	45.2	18.9	42.4	36.5										
3713	Truck and bus bodies . . . . .	-	39.3	37.7	38.2	38.1	-	31.1	29.5	30.1	30.1										
3714	Motor vehicle parts and accessories . . . . .	-	359.9	332.8	366.8	355.6	-	290.8	262.1	297.1	285.3										
3715	Truck trailers . . . . .	-	24.8	24.9	24.3	24.1	-	19.0	19.3	18.6	18.3										
372	Aircraft and parts . . . . .	500.9	490.4	496.1	512.5	509.3	272.4	264.7	267.1	275.6	272.4										
3721	Aircraft . . . . .	-	268.4	269.9	278.2	277.6	-	138.0	138.1	143.2	143.6										
3722	Aircraft engines and engine parts . . . . .	-	132.6	136.1	145.8	142.7	-	69.3	71.1	76.9	73.5										
3723,9	Other aircraft parts and equipment . . . . .	-	89.4	90.1	88.5	89.0	-	57.4	57.9	55.5	55.3										
373	Ship and boat building and repairing . . . . .	(*)	175.1	179.4	167.8	168.4	(*)	140.1	144.9	135.9	137.1										
3731	Ship building and repairing . . . . .	-	131.7	136.3	128.9	130.9	-	105.6	109.7	104.3	106.9										

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		Sept. 1972 P	Aug. 1972 P	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 P	Aug. 1972 P	July 1972	Sept. 1971	Aug. 1971
<i>Durable Goods--Continued</i>											
<b>TRANSPORTATION EQUIPMENT--Continued</b>											
3732	Boat building and repairing . . . . .	-	42.4	43.1	38.9	37.5	-	34.5	35.2	31.6	30.2
374	Railroad equipment . . . . .	-	50.4	50.4	54.1	52.3	-	38.1	37.9	42.6	40.7
375,9	Other transportation equipment . . . . .	-	160.1	159.7	140.3	138.9	-	133.3	133.2	116.5	115.3
38	<b>INSTRUMENTS AND RELATED PRODUCTS . . . . .</b>	<b>464.0</b>	<b>460.6</b>	<b>455.9</b>	<b>439.6</b>	<b>437.7</b>	<b>281.2</b>	<b>278.3</b>	<b>274.2</b>	<b>263.7</b>	<b>261.0</b>
381	Engineering & scientific instruments . . . . .	-	64.1	64.5	62.3	62.3	-	31.9	32.2	29.9	29.8
382	Mechanical measuring & control devices . . . . .	(*)	103.7	103.8	102.3	101.1	(*)	64.3	64.1	62.3	60.7
3821	Mechanical measuring devices . . . . .	-	65.5	65.5	65.4	65.0	-	38.2	38.0	37.6	36.8
3822	Automatic temperature controls . . . . .	-	38.2	38.3	36.9	36.1	-	26.1	26.1	24.7	23.9
383,5	Optical and ophthalmic goods . . . . .	55.4	55.6	53.9	50.7	49.9	39.3	39.8	38.0	35.2	34.5
385	Ophthalmic goods . . . . .	-	39.7	38.2	35.3	34.7	-	30.6	28.9	26.7	26.1
384	Medical instruments and supplies . . . . .	91.1	91.0	89.9	85.1	85.0	59.8	59.5	58.9	55.8	55.7
386	Photographic equipment and supplies . . . . .	(*)	115.6	114.8	109.6	111.4	(*)	57.7	57.4	56.3	57.6
387	Watches, clocks, and watchcases . . . . .	-	30.6	29.0	29.6	28.0	-	25.1	23.6	24.2	22.7
<b>MISCELLANEOUS MANUFACTURING</b>											
39	<b>INDUSTRIES . . . . .</b>	<b>442.9</b>	<b>437.4</b>	<b>414.2</b>	<b>426.9</b>	<b>420.2</b>	<b>348.4</b>	<b>343.4</b>	<b>321.8</b>	<b>333.1</b>	<b>326.5</b>
391	Jewelry, silverware, and plated ware . . . . .	53.6	53.4	49.0	50.2	48.9	40.3	40.2	36.3	37.6	36.6
394	Toys and sporting goods . . . . .	-	127.0	118.0	123.4	121.7	-	103.4	95.1	100.4	98.4
3941-3	Games, toys, dolls, & play vehicles . . . . .	-	72.7	64.4	72.8	71.7	-	59.2	51.5	59.2	58.1
3949	Sporting and athletic goods, n e c . . . . .	-	54.3	53.6	50.6	50.0	-	44.2	43.6	41.2	40.3
395	Pens, pencils, office, and art supplies . . . . .	-	34.6	33.0	32.9	32.8	-	24.8	23.4	23.0	22.9
396	Costume jewelry and notions . . . . .	-	55.3	52.5	57.4	57.0	-	45.4	42.9	47.2	46.8
393,9	Other manufacturing industries . . . . .	(*)	167.1	161.7	163.0	159.8	(*)	129.6	124.1	124.9	121.8
393	Musical instruments and parts . . . . .	-	24.1	22.6	22.2	21.0	-	19.9	18.4	18.0	16.8
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS . . . . .</b>	<b>1,865.8</b>	<b>1,871.2</b>	<b>1,794.0</b>	<b>1,887.0</b>	<b>1,890.1</b>	<b>1,290.2</b>	<b>1,289.8</b>	<b>1,215.4</b>	<b>1,315.6</b>	<b>1,312.2</b>
201	Meat products . . . . .	349.3	351.1	350.7	354.4	355.0	288.1	289.6	289.3	292.2	292.4
2011	Meat packing plants . . . . .	-	178.9	178.5	185.3	185.5	-	143.3	142.9	148.7	148.5
2013	Sausages and other prepared meats . . . . .	-	60.7	61.7	64.2	63.7	-	44.2	45.2	47.5	47.2
2015	Poultry dressing plants . . . . .	-	111.5	110.5	104.9	105.8	-	102.1	101.2	96.0	96.7
202	Dairy products . . . . .	225.3	230.9	232.7	230.1	235.3	111.5	114.9	116.2	111.4	115.2
2024	Ice cream and frozen desserts . . . . .	-	25.8	26.5	24.7	26.7	-	15.0	15.5	12.7	14.2
2026	Fluid milk . . . . .	-	158.0	158.8	158.6	160.8	-	63.6	64.0	62.3	63.6
205	Canned, cured, and frozen foods . . . . .	-	385.0	304.8	397.6	395.6	-	330.1	254.7	350.0	346.1
2031,6	Canned, cured, and frozen sea foods . . . . .	-	46.8	46.9	43.9	44.8	-	41.4	41.5	38.5	38.8
2032,3	Canned food, except sea foods . . . . .	-	229.8	161.0	243.7	241.6	-	194.2	130.9	216.6	213.2
2037	Frozen fruits and vegetables . . . . .	-	71.5	61.6	71.6	69.3	-	64.8	54.6	63.6	61.5
204	Grain mill products . . . . .	135.3	137.3	136.2	136.3	138.3	96.2	97.9	97.2	97.9	99.3
2041	Flour and other grain mill products . . . . .	-	27.4	27.3	28.2	28.5	-	19.9	19.9	21.0	21.2
2042	Prepared feeds for animals and fowls . . . . .	-	69.0	69.1	67.5	69.2	-	46.6	46.6	45.3	46.7
205	Bakery products . . . . .	272.1	273.6	276.7	271.2	270.9	157.8	159.1	161.0	160.2	160.3
2051	Bread, cake, and related products . . . . .	-	228.2	231.9	226.0	226.5	-	123.6	125.5	123.4	124.4
2052	Cookies and crackers . . . . .	-	45.4	44.8	45.2	44.4	-	35.5	35.5	36.8	35.9
206	Sugar . . . . .	-	33.2	33.4	34.1	31.0	-	23.8	23.9	26.0	23.2
207	Confectionery and related products . . . . .	80.9	77.8	74.3	80.9	77.1	64.9	61.9	58.3	65.8	62.3
2071	Confectionery products . . . . .	-	59.9	56.7	63.5	59.6	-	48.5	45.2	52.7	49.0
208	Beverages . . . . .	232.2	235.3	239.1	237.2	242.0	117.3	118.2	121.7	118.8	121.0
2082	Malt liquors . . . . .	-	53.9	57.2	57.9	58.7	-	35.7	38.5	38.7	39.5
2086	Bottled and canned soft drinks . . . . .	-	135.0	134.6	131.1	135.5	-	53.6	53.2	48.5	50.2
209	Misc. foods and kindred products . . . . .	(*)	147.0	146.1	145.2	144.9	(*)	94.3	93.1	93.3	92.4
21	<b>TOBACCO MANUFACTURES . . . . .</b>	<b>78.4</b>	<b>78.9</b>	<b>67.0</b>	<b>88.5</b>	<b>81.3</b>	<b>65.2</b>	<b>65.2</b>	<b>54.3</b>	<b>73.8</b>	<b>67.0</b>
211	Cigarettes . . . . .	-	42.7	42.4	42.3	42.0	-	34.3	34.2	33.8	33.5
212	Cigars . . . . .	-	14.1	12.5	15.3	14.7	-	12.6	11.0	13.7	13.2
22	<b>TEXTILE MILL PRODUCTS . . . . .</b>	<b>995.8</b>	<b>997.5</b>	<b>975.6</b>	<b>959.4</b>	<b>960.1</b>	<b>875.4</b>	<b>878.1</b>	<b>856.5</b>	<b>842.2</b>	<b>842.0</b>
221	Weaving mills, cotton . . . . .	200.1	200.6	200.2	199.7	199.6	181.8	182.4	181.9	181.5	181.3
222	Weaving mills, synthetics . . . . .	105.7	105.8	104.7	100.8	100.8	94.1	94.4	93.1	89.2	89.2
223	Weaving and finishing mills, wool . . . . .	(*)	28.3	27.6	26.5	27.2	(*)	24.0	23.4	21.8	22.3
224	Narrow fabric mills . . . . .	29.6	30.0	28.0	29.5	28.5	26.1	26.5	24.7	25.8	25.0
225	Knitting mills . . . . .	270.5	270.1	261.0	256.6	257.7	236.6	236.8	228.1	225.5	226.3
2251	Women's hosiery, except socks . . . . .	-	55.6	54.0	57.3	57.3	-	49.4	47.8	51.6	51.6
2252	Hosiery, n e c . . . . .	-	36.0	35.5	34.3	35.0	-	32.3	31.7	30.5	31.1
2253	Knit outerwear mills . . . . .	-	78.5	73.2	72.4	72.4	-	67.3	62.6	62.6	62.7
2254	Knit underwear mills . . . . .	-	36.1	35.4	33.8	33.7	-	31.8	31.1	29.8	29.7

See footnotes at end of table.

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

SIC Code	Industry	(In thousands)											
		All employees					Production workers <sup>1</sup>						
		Sept. 1972 P	Aug. 1972 P	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 P	Aug. 1972 P	July 1972	Sept. 1971	Aug. 1971		
	<i>Nondurable Goods--Continued</i>												
	<b>TEXTILE MILL PRODUCTS--Continued</b>												
226	Textile finishing, except wool .....	84.1	84.3	83.1	79.7	80.4	71.3	71.5	70.4	67.2	68.0		
227	Floor covering mills .....	-	61.4	58.6	58.2	58.0	-	49.9	47.1	46.6	45.8		
228	Yarn and thread mills, .....	142.7	143.3	141.3	135.8	136.0	131.3	131.9	129.8	124.6	124.9		
229	Miscellaneous textile goods .....	72.9	73.7	71.1	72.6	71.9	60.0	60.7	58.0	60.0	59.2		
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS...</b>	1,345.2	1,341.0	1,263.5	1,345.6	1,338.2	1,173.9	1,170.3	1,096.2	1,177.5	1,170.0		
231	Men's and boys' suits and coats .....	105.9	106.0	100.2	108.2	107.0	93.0	93.0	87.7	94.8	93.8		
232	Men's and boys' furnishings .....	384.2	387.6	377.0	382.4	383.1	334.8	338.4	338.8	336.0	337.1		
2321	Men's and boys' shirts and nightwear ...	-	119.8	116.3	117.4	117.6	-	106.0	103.0	103.8	104.4		
2327	Men's and boys' separate trousers .....	-	83.9	81.1	87.9	88.9	-	75.0	72.3	78.9	79.6		
2328	Men's and boys' work clothing .....	-	86.3	84.9	82.6	81.5	-	74.7	73.3	72.2	71.2		
233	Women's and misses' dresses .....	(*)	394.7	356.1	407.5	404.5	(*)	348.9	311.5	360.3	356.6		
2331	Women's and misses' blouses and waists .	-	41.9	30.5	43.2	43.1	-	37.3	26.0	38.3	38.0		
2335	Women's and misses' dresses .....	-	188.1	175.6	198.7	196.0	-	169.1	152.0	178.8	176.0		
2337	Women's and misses' suits and coats ...	-	71.3	64.4	76.1	76.7	-	62.5	55.7	66.7	66.9		
2339	Women's and misses' underwear, n e c ...	-	93.4	85.6	89.5	88.7	-	80.0	72.8	76.5	75.7		
234	Women's and children's undergarments ...	116.4	115.2	110.8	115.9	114.1	100.5	99.4	95.1	100.6	98.8		
2341	Women's and children's underwear .....	-	82.5	79.0	83.2	82.2	-	72.4	68.9	73.1	72.3		
2342	Corsets and allied garments .....	-	32.7	31.8	32.7	31.9	-	27.0	26.2	27.5	26.5		
235	Hats, caps, and millinery .....	-	15.9	15.6	15.2	15.5	-	14.1	13.8	13.5	13.7		
236	Children's outerwear .....	76.0	76.4	73.2	76.4	77.9	67.8	67.9	65.0	68.1	69.2		
2361	Children's dresses and blouses .....	-	31.3	29.9	31.5	32.7	-	28.5	27.2	28.4	29.1		
237,8	Fur goods and miscellaneous apparel .....	-	72.4	67.7	74.2	72.6	-	62.2	57.8	63.9	62.5		
239	Misc. fabricated textile products .....	(*)	172.8	162.9	165.8	163.5	(*)	146.4	136.5	140.3	138.3		
2391,2	Housefurnishings .....	-	71.9	67.9	69.5	67.8	-	62.1	58.2	60.1	58.3		
26	<b>PAPER AND ALLIED PRODUCTS.....</b>	705.6	706.3	699.0	692.7	683.9	544.8	545.8	539.1	532.7	523.7		
261,2,6	Paper and pulp mills .....	(*)	209.7	209.1	210.3	207.5	(*)	162.8	162.4	160.0	159.7		
263	Paperboard mills .....	71.8	72.1	71.9	70.4	68.5	57.3	57.8	57.5	55.8	53.8		
264	Misc. converted paper products .....	(*)	199.5	196.7	193.8	190.9	(*)	146.5	144.1	140.7	138.0		
2643	Bags, except textile bags .....	-	44.1	43.7	44.9	43.7	-	35.6	35.5	35.6	34.5		
265	Paperboard containers and boxes .....	225.8	225.0	221.3	218.2	217.0	179.1	178.7	175.1	173.2	172.2		
2651,2	Folding and setup paperboard boxes .....	-	62.1	59.6	62.8	62.3	-	51.1	48.6	51.8	51.2		
2653	Corrugated and solid fiber boxes .....	-	110.4	109.3	105.7	104.3	-	84.8	83.7	81.0	79.7		
2654	Sanitary food containers .....	-	31.4	31.3	30.2	30.4	-	25.5	25.6	24.3	24.7		
27	<b>PRINTING AND PUBLISHING.....</b>	1,078.0	1,076.6	1,074.1	1,064.8	1,063.9	652.4	652.7	650.6	650.6	646.1		
271	Newspapers .....	(*)	376.2	376.6	368.8	369.6	(*)	179.3	180.4	179.2	178.2		
272	Periodicals .....	-	68.0	67.6	68.7	69.3	-	20.1	20.1	21.3	21.1		
273	Books .....	-	98.0	98.4	96.6	97.8	-	55.3	55.2	54.1	54.3		
275	Commercial printing .....	343.2	341.6	339.8	343.1	339.2	261.2	260.1	258.6	263.1	259.7		
2751	Commercial printing, ex. lithographic ...	-	200.6	199.6	202.6	199.7	-	155.0	154.3	157.8	155.3		
2752	Commercial printing, lithographic .....	-	130.5	129.7	130.1	129.2	-	97.4	96.5	97.5	96.7		
278	Blankbooks and bookbinding .....	56.8	57.4	56.4	54.1	55.0	47.2	47.8	47.0	44.7	45.2		
274,6,7,9	Other publishing & printing ind. ....	136.7	135.4	135.3	133.5	133.0	90.6	90.1	89.3	88.2	87.6		
28	<b>CHEMICALS AND ALLIED PRODUCTS....</b>	1,006.0	1,007.9	1,003.9	1,003.0	1,009.3	583.8	584.5	580.3	578.4	578.9		
281	Industrial chemicals .....	(*)	301.0	301.9	309.5	310.8	(*)	162.5	163.1	169.3	169.2		
2812	Alkalies and chlorine .....	-	21.3	21.4	22.4	22.2	-	14.5	14.5	15.2	14.9		
2818	Industrial organic chemicals, n e c .....	-	120.6	120.7	123.4	124.7	-	52.7	52.7	55.0	55.5		
2819	Industrial inorganic chemicals, n e c ...	-	96.9	97.5	98.8	99.8	-	54.8	55.3	56.8	57.4		
282	Plastics materials and synthetics .....	219.0	220.4	219.2	211.9	212.5	149.6	150.6	149.6	141.8	141.6		
2821	Plastics materials and resins .....	-	90.9	90.0	88.9	89.5	-	56.8	56.0	54.7	54.9		
2823,4	Synthetic fibers .....	-	116.8	116.2	109.5	110.2	-	85.0	84.5	77.8	78.2		
283	Drugs .....	146.0	148.1	148.3	147.7	149.0	71.7	72.8	73.0	72.4	72.3		
2834	Pharmaceutical preparations .....	-	118.8	119.1	118.7	119.8	-	57.0	57.2	57.3	57.3		
284	Soap, cleaners, and toilet goods .....	125.8	124.8	121.4	123.3	124.7	72.7	71.9	68.3	70.7	70.3		
2841	Soap and other detergents .....	-	39.8	39.0	40.1	40.1	-	26.3	25.5	26.3	26.0		
2844	Toilet preparations .....	-	52.4	50.0	51.8	52.5	-	29.1	26.6	28.8	28.3		
285	Paints and allied products .....	70.6	71.5	71.3	68.4	69.4	39.2	40.1	39.8	37.7	38.9		
287	Agricultural chemicals .....	50.0	49.4	49.5	47.9	47.4	30.2	29.4	29.3	28.3	27.6		
2871,2	Fertilizers, complete & mixing only .....	-	33.2	33.2	32.8	32.1	-	22.0	21.7	21.3	20.4		
286,9	Other chemical products .....	(*)	92.7	92.3	94.3	95.5	(*)	57.2	57.2	58.2	59.0		
2892	Explosives .....	-	24.0	23.8	24.9	25.5	-	16.3	16.1	16.6	17.2		
29	<b>PETROLEUM AND COAL PRODUCTS....</b>	191.1	193.7	193.6	192.7	194.1	118.6	120.6	120.6	119.3	120.4		
291	Petroleum refining .....	151.0	153.0	153.3	153.5	154.8	89.3	90.8	91.0	90.8	91.9		
295,9	Other petroleum and coal products .....	40.1	40.7	40.5	39.2	39.3	29.3	29.8	29.6	28.5	28.5		

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

68

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1972 P	Aug. 1972 P	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 P	Aug. 1972 P	July 1972	Sept. 1971	Aug. 1971
<i>Nonurable Goods--Continued</i>											
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C</b>	642.4	632.3	620.3	594.7	583.3	501.5	492.6	481.9	461.8	449.8
301	Tires and inner tubes.....	129.2	129.5	128.2	124.2	122.9	91.6	92.0	90.9	88.9	87.8
302, 3, 6	Other rubber products.....	181.6	176.7	173.8	170.3	168.4	143.9	139.5	136.7	136.4	131.2
302	Rubber footwear.....	-	24.1	23.9	25.9	25.5	-	20.4	20.4	22.4	22.0
307	Miscellaneous plastics products.....	331.6	326.1	318.3	297.5	292.0	266.0	261.1	254.3	236.5	230.8
31	<b>LEATHER AND LEATHER PRODUCTS...</b>	303.6	311.0	298.6	300.0	307.3	260.2	267.5	256.4	255.5	262.8
311	Leather tanning and finishing.....	25.1	25.8	25.5	25.5	25.9	21.6	22.4	22.1	21.9	22.4
314	Footwear, except rubber.....	198.5	205.9	197.4	199.1	206.1	172.4	179.3	171.9	172.1	179.0
312, 3, 5-7, 9	Other leather products.....	(*)	79.3	75.7	75.4	75.3	(*)	65.8	62.4	61.5	61.4
316	Luggage.....	-	16.8	16.2	16.4	15.7	-	13.1	12.4	12.7	12.0
317	Handbags and personal leather goods.....	-	35.8	34.5	33.9	34.3	-	30.5	29.3	28.6	29.2
<b>TRANSPORTATION AND PUBLIC UTILITIES.....</b>											
		4,539	4,536	4,531	4,469	4,445	3,923	3,919	3,915	3,870	3,848
0	<b>RAILROAD TRANSPORTATION.....</b>	-	583.6	584.8	594.6	595.2	-	-	-	-	-
001	Class I railroads <sup>2</sup> .....	-	527.6	529.1	538.5	539.7	-	-	-	-	-
<b>LOCAL AND INTERURBAN PASSENGER TRANSPORTATION.....</b>											
		-	239.1	241.4	273.2	246.0	-	-	-	-	-
41	Local and suburban transportation.....	-	68.4	68.6	72.1	70.5	-	63.9	63.9	67.6	66.1
412	Taxicabs.....	-	94.6	96.4	101.2	101.4	-	-	-	-	-
413	Intercity highway transportation.....	-	42.9	42.7	45.1	44.9	-	39.3	39.1	41.4	41.1
<b>TRUCKING AND WAREHOUSING.....</b>											
		1,113.5	1,115.9	1,104.7	1,090.4	1,090.4	-	1,005.3	1,008.1	996.8	983.4
42, 42, 3	Trucking and trucking terminals.....	1,030.9	1,034.6	1,019.2	1,006.1	1,006.1	-	934.6	938.6	923.2	910.7
422	Public warehousing.....	-	82.6	81.3	85.5	84.3	-	70.7	69.5	73.6	72.7
45	<b>TRANSPORTATION BY AIR.....</b>	-	345.9	340.0	344.8	346.8	-	-	-	-	-
451, 2	Air transportation.....	-	312.4	306.4	313.0	314.9	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION.....</b>	-	18.9	18.9	18.1	18.8	-	14.9	14.8	14.1	14.8
44, 47	<b>OTHER TRANSPORTATION AND SERVICES.....</b>	-	329.7	327.4	314.6	311.3	-	-	-	-	-
44	Water transportation.....	-	222.7	220.3	203.7	199.5	-	-	-	-	-
47	Transportation services.....	-	106.8	107.1	110.9	111.8	-	-	-	-	-
48	<b>COMMUNICATION.....</b>	1,167.3	1,165.2	1,113.9	1,119.5	1,119.5	-	909.5	907.6	870.3	875.6
481	Telephone communication.....	-	980.7	979.5	925.2	934.5	-	771.5	770.5	729.9	738.2
482	Telegraph communication <sup>3</sup> .....	-	(*)	25.3	30.7	27.1	-	(*)	17.2	20.9	18.4
483	Radio and television broadcasting.....	-	135.5	134.9	136.0	136.2	-	109.6	109.0	110.7	110.6
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES.....</b>	-	738.1	737.1	705.0	716.8	-	632.1	631.4	602.1	615.0
491	Electric companies and systems.....	-	314.8	313.4	300.2	304.4	-	269.2	268.1	255.9	260.1
492	Gas companies and systems.....	-	168.0	168.4	160.3	164.0	-	142.4	143.1	135.5	139.7
493	Combination companies and systems.....	-	196.1	196.2	189.0	192.6	-	168.5	168.4	161.9	166.0
494-7	Water, steam, & sanitary systems.....	-	59.2	59.1	55.5	55.8	-	52.0	51.8	48.8	49.2
<b>WHOLESALE AND RETAIL TRADE.....</b>											
		15,755	15,676	15,653	15,213	15,122	13,974	13,904	13,891	13,489	13,417
50	<b>WHOLESALE TRADE.....</b>	3,970	3,973	3,956	3,832	3,838	3,328	3,334	3,316	3,198	3,209
501	Motor vehicles & automotive equipment.....	-	354.8	353.1	337.1	336.2	-	288.2	286.0	272.7	271.9
502	Drugs, chemicals, and allied products.....	-	227.8	228.2	225.5	226.2	-	185.3	185.5	181.0	181.5
503	Dry goods and apparel.....	-	159.0	156.7	153.2	154.1	-	125.2	123.3	120.6	122.2
504	Groceries and related products.....	-	581.7	581.8	554.6	556.2	-	510.4	510.9	483.4	486.4
506	Electrical goods.....	-	330.5	328.6	316.4	320.2	-	283.0	281.2	265.6	270.1
507	Hardware; plumbing & heating equipment.....	-	180.7	182.1	174.1	173.8	-	153.8	154.3	147.7	147.8
508	Machinery, equipment, and supplies.....	-	757.5	751.6	735.4	735.9	-	638.3	632.0	620.0	620.6
509	Miscellaneous wholesalers.....	-	1,275.9	1,271.2	1,232.5	1,236.1	-	1,062.3	1,057.4	1,019.6	1,025.1
52-59	<b>RETAIL TRADE.....</b>	11,785	11,703	11,697	11,381	11,284	10,646	10,570	10,575	10,291	10,208
53	<b>RETAIL GENERAL MERCHANDISE.....</b>	2,323.5	2,323.4	2,310.1	2,262.2	2,262.2	-	2,123.9	2,125.6	2,110.9	2,066.6
531	Department stores.....	-	1,517.3	1,525.1	1,507.8	1,473.9	-	1,390.9	1,399.9	1,380.0	1,349.2
532	Mail order houses.....	-	116.7	116.6	126.4	121.2	-	108.9	108.7	117.6	111.5
533	Variety stores.....	-	316.7	310.8	314.9	305.4	-	292.0	286.2	289.0	280.3
54	<b>FOOD STORES.....</b>	-	1,804.6	1,813.5	1,760.2	1,727.5	-	1,674.2	1,681.8	1,635.7	1,604.0
541-3	Grocery, meat, and vegetable stores.....	-	1,634.6	1,641.7	1,588.9	1,560.4	-	1,516.4	1,521.8	1,475.9	1,448.4

See footnotes at end of table.

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

		(In thousands)									
SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971
<b>WHOLESALE AND RETAIL TRADE (Continued)</b>											
56	APPAREL AND ACCESSORY STORES.....	-	722.7	724.3	734.1	720.4	-	640.3	642.1	652.0	639.1
561	Men's & boys' clothing & furnishings.....	-	125.2	127.4	125.7	124.8	-	110.9	113.2	111.9	110.9
562	Women's ready-to-wear stores.....	-	276.9	275.4	277.7	273.1	-	247.5	246.7	247.8	243.5
565	Family clothing stores.....	-	99.8	101.5	103.4	101.9	-	92.5	94.0	95.4	94.0
566	Shoe stores.....	-	150.4	150.0	154.0	149.5	-	127.5	126.7	131.7	127.8
57	FURNITURE AND HOME FURNISHINGS STORES	-	470.5	467.9	453.6	451.1	-	406.0	405.3	392.8	391.1
571	Furniture and home furnishings.....	-	298.1	295.6	288.3	287.9	-	256.2	255.5	248.1	247.8
58	EATING AND DRINKING PLACES.....	-	2,762.2	2,748.7	2,667.2	2,663.2	-	2,586.6	2,579.9	2,498.2	2,497.2
52,55,59	<b>OTHER RETAIL TRADE</b> .....	-	3,619.0	3,619.1	3,455.8	3,459.2	-	3,139.2	3,140.6	3,000.9	3,009.6
52	Building materials and farm equipment.....	-	603.8	604.1	563.3	570.9	-	521.7	522.4	485.0	492.3
55	Automotive dealers & service stations.....	-	1,714.9	1,709.9	1,643.5	1,648.0	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	800.7	798.3	775.4	772.5	-	672.5	670.0	652.0	650.1
553,9	Other automotive & accessory dealers.....	-	270.9	271.7	250.3	254.1	-	231.0	232.2	214.2	217.9
554	Gasoline service stations.....	-	643.3	639.9	617.8	621.4	-	-	-	-	-
59	Miscellaneous retail stores.....	-	1,300.3	1,305.1	1,249.0	1,240.3	-	-	-	-	-
591	Drug stores and proprietary stores.....	-	464.1	466.8	452.4	449.1	-	415.9	420.3	405.7	402.1
594	Book and stationery stores.....	-	62.5	62.2	65.8	62.7	-	53.2	53.1	56.8	53.9
596	Farm and garden supply stores.....	-	113.9	114.9	107.9	106.8	-	-	-	-	-
598	Fuel and ice dealers.....	-	98.2	98.6	99.4	98.7	-	83.3	84.3	85.3	84.6
<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b> .....		3,955	3,995	3,990	3,825	3,861	3,093	3,134	3,130	3,009	3,045
60	Banking.....	-	1,120.8	1,118.9	1,075.9	1,087.9	-	910.4	907.6	878.6	890.6
61	Credit agencies other than banks.....	-	397.5	396.0	371.3	372.5	-	309.3	308.7	288.5	289.9
612	Savings and loan associations.....	-	131.6	131.2	116.4	116.2	-	106.8	106.7	93.1	93.1
614	Personal credit institutions.....	-	193.5	192.7	187.1	187.8	-	-	-	-	-
62	Security, commodity brokers & services.....	-	198.7	201.4	197.5	199.7	-	168.0	170.3	167.4	169.5
63	Insurance carriers.....	-	1,114.9	1,113.7	1,081.8	1,089.4	-	766.6	767.0	750.3	755.9
631	Life insurance.....	-	570.8	571.0	562.8	566.3	-	332.4	333.0	332.6	333.9
632	Accident and health insurance.....	-	99.9	99.8	96.4	97.4	-	85.1	85.0	83.1	84.1
633	Fire, marine, and casualty insurance.....	-	387.9	387.1	372.7	375.6	-	301.6	301.8	292.9	296.2
64	Insurance agents, brokers, and service.....	-	293.2	291.1	281.6	283.4	-	-	-	-	-
65	Real estate.....	-	776.4	776.0	729.4	740.0	-	-	-	-	-
655	Subdividers and developers.....	-	137.3	138.9	119.5	124.6	-	-	-	-	-
656	Operative builders.....	-	63.3	63.2	57.7	58.1	-	-	-	-	-
66,67	Other finance, insurance, & real estate.....	-	93.4	93.1	87.7	88.4	-	-	-	-	-
<b>SERVICES</b> .....		12,450	12,486	12,489	11,930	11,948	11,244	11,294	11,300	10,793	10,813
70	Hotels and other lodging places.....	-	982.8	971.3	833.3	902.4	-	-	-	-	-
701	Hotels, tourist courts, and motels.....	-	782.3	776.2	719.8	753.1	-	726.5	720.5	665.1	699.3
72	Personal services.....	-	905.3	911.9	922.3	920.9	-	-	-	-	-
721	Laundries and dry cleaning plants.....	-	435.7	440.9	459.9	464.3	-	395.2	400.3	416.8	421.1
722	Photographic studios.....	-	39.2	38.8	40.5	36.9	-	34.6	34.2	36.0	32.1
73	Miscellaneous business services.....	-	1,689.2	1,666.0	1,589.6	1,582.7	-	-	-	-	-
731	Advertising.....	-	116.7	116.2	114.6	115.7	-	-	-	-	-
732	Credit reporting and collection.....	-	80.7	80.3	77.9	77.5	-	-	-	-	-
734	Services to buildings.....	-	324.3	324.2	302.7	299.6	-	-	-	-	-
76	Miscellaneous repair services.....	-	190.2	186.3	185.7	185.9	-	-	-	-	-
78	Motion pictures.....	-	204.8	205.8	206.0	208.3	-	-	-	-	-
781	Motion picture filming & distributing.....	-	54.2	54.1	53.7	53.7	-	35.9	35.9	34.0	34.6
782,3	Motion picture theaters and services.....	-	150.6	151.7	152.3	154.6	-	-	-	-	-
80	Medical and other health services.....	-	3,472.2	3,466.7	3,298.0	3,291.3	-	-	-	-	-
806	Hospitals.....	-	2,027.5	2,029.8	1,971.5	1,973.6	-	1,852.6	1,856.2	1,803.5	1,806.3
81	Legal services.....	-	270.5	270.0	248.5	252.7	-	-	-	-	-
82	Educational services.....	-	994.8	1,007.4	1,090.3	957.1	-	-	-	-	-
821	Elementary and secondary schools.....	-	328.6	333.2	369.8	321.9	-	-	-	-	-
822	Colleges and universities.....	-	532.4	542.0	593.9	515.7	-	-	-	-	-
89	Miscellaneous services.....	-	714.5	713.0	669.2	671.9	-	-	-	-	-
891	Engineering & architectural services.....	-	326.1	326.6	302.1	305.0	-	-	-	-	-
892	Nonprofit research agencies.....	-	114.8	114.3	106.1	105.8	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Sept. 1972 P	Aug. 1972 P	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 P	Aug. 1972 P	July 1972	Sept. 1971	Aug. 1971
-	<b>GOVERNMENT</b> .....	13,193	12,681	12,749	12,680	12,254	-	-	-	-	-
91	<b>FEDERAL GOVERNMENT</b> <sup>5</sup> .....	2,639	2,644	2,645	2,666	2,690	-	-	-	-	-
	Executive .....	-	2,602.7	2,602.7	2,626.9	2,649.8	-	-	-	-	-
	Department of Defense .....	-	976.6	976.2	998.1	1,001.4	-	-	-	-	-
	Postal Service .....	-	672.7	673.8	705.6	713.7	-	-	-	-	-
	Other agencies .....	-	953.4	952.7	923.2	934.7	-	-	-	-	-
	Legislative .....	-	33.2	33.7	31.3	32.3	-	-	-	-	-
	Judicial .....	-	8.2	8.2	7.9	7.9	-	-	-	-	-
92,93	<b>STATE AND LOCAL GOVERNMENT</b> ...	10,554	10,037	10,104	10,014	9,564	-	-	-	-	-
92	State government .....	-	2,701.8	2,709.4	2,679.3	2,612.8	-	-	-	-	-
	State education .....	-	974.1	988.0	1,060.4	962.2	-	-	-	-	-
	Other State government .....	-	1,727.7	1,721.4	1,618.9	1,659.6	-	-	-	-	-
93	Local government .....	-	7,335.5	7,394.1	7,335.0	6,941.7	-	-	-	-	-
	Local education .....	-	3,735.2	3,767.8	4,069.6	3,540.2	-	-	-	-	-
	Other local government .....	-	3,600.3	3,626.3	3,265.4	3,401.5	-	-	-	-	-

<sup>1</sup> Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in wholesale and retail trade; finance, insurance, and real estate; transportation and public utilities; and services. Transportation and public utilities, and services are included in Total Private but are not shown separately in this table.

<sup>2</sup> Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.

<sup>3</sup> Data for nonsupervisory workers exclude messengers.

<sup>4</sup> Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

<sup>5</sup> Prepared by the U.S. Civil Service Commission. Data relate to civilian employment only and exclude Central Intelligence and National Security Agencies.

\* Not available.

P=preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

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

1967 = 100

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919 .....	41.1	55.1	184.8	31.8	54.8	33.5	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920 .....	41.5	54.8	202.1	26.4	54.8	34.3	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1921 .....	37.0	44.0	156.9	31.5	42.5	33.2	81.2	33.7	-	-	36.1	23.9	22.2	-	-
1922 .....	39.2	48.3	151.5	36.9	46.9	34.3	82.3	36.0	-	-	35.5	24.8	22.3	-	-
1923 .....	43.1	54.8	197.7	38.3	53.0	36.8	91.1	38.9	-	-	36.9	26.6	22.9	-	-
1924 .....	42.6	52.0	179.6	41.2	49.7	37.4	89.3	39.7	-	-	38.2	27.5	23.9	-	-
1925 .....	43.7	53.6	177.7	45.1	51.1	38.3	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926 .....	45.3	55.4	193.3	48.5	52.2	39.7	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927 .....	45.5	54.7	181.7	50.1	51.4	40.5	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928 .....	45.6	54.2	171.3	50.1	51.1	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929 .....	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930 .....	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931 .....	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932 .....	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933 .....	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934 .....	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935 .....	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936 .....	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937 .....	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938 .....	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939 .....	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940 .....	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941 .....	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942 .....	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943 .....	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944 .....	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945 .....	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946 .....	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947 .....	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948 .....	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949 .....	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950 .....	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951 .....	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952 .....	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953 .....	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954 .....	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955 .....	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956 .....	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.2
1957 .....	80.3	89.9	135.1	91.1	88.3	75.1	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.4
1958 .....	78.0	83.7	122.5	86.6	82.0	74.9	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959 .....	81.0	87.5	119.4	92.3	85.7	77.4	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960 .....	82.4	87.6	116.2	89.9	86.4	79.5	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961 .....	82.1	85.2	109.6	87.8	84.0	80.4	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962 .....	84.4	87.7	106.0	90.5	86.7	82.6	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963 .....	86.1	88.5	103.6	92.4	87.4	84.8	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964 .....	88.6	90.1	103.4	95.1	88.8	87.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965 .....	92.3	94.0	103.1	99.3	92.9	91.4	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966 .....	97.1	99.3	102.3	102.1	98.8	95.9	97.4	97.3	97.5	97.3	96.1	94.6	94.7	94.3	94.8
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	103.1	101.7	98.9	102.4	101.7	103.9	101.1	103.5	102.4	103.9	104.9	105.2	103.9	100.7	105.0
1969 .....	106.7	104.1	101.0	107.1	103.7	108.2	103.9	107.6	105.9	108.2	110.5	111.2	107.1	101.4	108.8
1970 .....	107.2	104.4	101.6	105.4	99.5	110.9	105.4	109.6	108.1	110.1	114.4	115.0	110.0	99.5	113.3
1971 .....	107.3	96.9	98.2	106.3	95.3	112.9	104.2	111.3	108.1	112.4	117.7	117.5	112.8	98.0	117.4
1971: Sept .....	107.6	97.0	100.8	107.1	95.2	113.3	103.7	112.0	108.3	113.2	118.5	118.0	113.0	97.9	117.7
1971: Oct .....	107.6	96.7	85.0	108.3	95.1	113.6	103.4	112.1	108.4	113.4	118.9	118.3	113.4	97.9	118.3
1971: Nov .....	108.0	97.0	85.5	109.7	95.3	113.9	103.3	112.4	108.7	113.8	119.3	118.8	113.9	98.1	118.9
1971: Dec .....	108.3	97.1	99.7	108.1	95.2	114.3	104.0	112.7	108.9	114.0	119.5	119.2	114.3	98.1	119.4
1972: Jan .....	108.6	97.5	100.3	109.8	95.4	114.7	104.6	113.0	109.2	114.4	119.9	119.5	114.9	98.3	120.1
1972: Feb .....	108.9	97.6	100.0	108.9	95.7	115.1	104.2	113.6	109.6	115.0	120.1	119.9	115.3	98.2	120.7
1972: March .....	109.3	98.0	100.2	109.5	96.1	115.5	105.3	114.0	110.2	115.3	120.5	120.2	115.6	98.1	121.1
1972: April .....	109.7	98.4	98.7	108.9	96.6	115.9	105.2	114.4	110.5	115.7	120.7	120.9	116.0	98.0	121.6
1972: May .....	110.2	99.0	98.5	110.2	97.1	116.4	105.4	114.9	111.0	116.2	121.3	121.3	116.5	98.0	122.2
1972: June .....	110.4	99.2	97.9	110.7	97.3	116.5	105.4	115.3	111.4	116.6	121.9	121.7	116.0	97.3	121.9
1972: July .....	110.3	98.6	97.7	108.8	97.0	116.7	105.0	115.3	111.0	116.8	121.8	122.2	116.5	96.4	122.8
1972: AugP .....	110.8	99.2	98.4	110.3	97.4	117.2	105.3	115.7	111.6	117.1	122.0	123.0	116.8	96.3	123.3
1972: SeptP .....	111.2	99.5	98.9	110.3	97.8	117.5	105.4	115.9	112.2	117.3	122.5	123.2	117.6	96.9	124.1

p-preliminary.

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.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

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

Industry division and group	(In thousands)												
	1972						1971						
	Sept. p	Aug. p	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
TOTAL . . . . .	73,221	72,980	72,661	72,699	72,592	72,246	72,011	71,744	71,552	71,291	71,103	70,861	70,843
GOODS-PRODUCING . . . . .	23,163	23,072	22,949	23,081	23,031	22,888	22,811	22,719	22,689	22,598	22,576	22,491	22,571
MINING . . . . .	606	603	599	600	604	605	614	613	615	611	524	521	618
CONTRACT CONSTRUCTION . . . . .	3,538	3,537	3,489	3,550	3,535	3,493	3,512	3,494	3,523	3,468	3,518	3,475	3,436
MANUFACTURING . . . . .	19,019	18,932	18,861	18,931	18,892	18,790	18,685	18,612	18,551	18,519	18,534	18,495	18,517
DURABLE GOODS . . . . .	10,969	10,899	10,843	10,857	10,837	10,755	10,673	10,621	10,575	10,552	10,560	10,547	10,552
Ordnance and accessories . . . . .	193	191	190	188	186	185	182	182	183	183	185	187	188
Lumber and wood products . . . . .	613	616	613	611	610	610	606	604	604	601	601	596	592
Furniture and fixtures . . . . .	495	496	494	490	488	486	483	481	477	474	470	467	465
Stone, clay, and glass products . . . . .	664	663	660	662	660	651	650	646	645	638	639	637	637
Primary metal industries . . . . .	1,271	1,235	1,214	1,222	1,228	1,215	1,209	1,190	1,192	1,184	1,187	1,191	1,192
Fabricated metal products . . . . .	1,382	1,376	1,370	1,373	1,370	1,360	1,347	1,341	1,335	1,329	1,334	1,334	1,338
Machinery, except electrical . . . . .	1,874	1,870	1,855	1,858	1,848	1,824	1,814	1,815	1,803	1,809	1,808	1,804	1,805
Electrical equipment . . . . .	1,851	1,835	1,826	1,830	1,818	1,805	1,795	1,786	1,778	1,779	1,773	1,773	1,765
Transportation equipment . . . . .	1,737	1,733	1,743	1,740	1,754	1,747	1,720	1,712	1,699	1,705	1,713	1,708	1,720
Instruments and related products . . . . .	463	458	456	457	452	447	444	443	442	438	441	441	439
Miscellaneous manufacturing . . . . .	426	426	422	426	423	425	423	421	417	412	409	409	411
NONDURABLE GOODS . . . . .	8,050	8,033	8,018	8,074	8,055	8,035	8,012	7,991	7,976	7,967	7,974	7,948	7,965
Food and kindred products . . . . .	1,742	1,739	1,757	1,771	1,755	1,756	1,759	1,751	1,758	1,755	1,756	1,737	1,762
Tobacco manufactures . . . . .	66	71	75	75	76	77	76	73	73	72	74	73	75
Textile mill products . . . . .	993	993	986	991	988	984	981	976	973	969	965	960	957
Apparel and other textile products . . . . .	1,332	1,330	1,311	1,329	1,334	1,344	1,334	1,336	1,328	1,331	1,341	1,336	1,332
Paper and allied products . . . . .	703	699	698	699	700	691	687	685	684	686	686	689	690
Printing and publishing . . . . .	1,080	1,078	1,076	1,079	1,080	1,076	1,074	1,072	1,072	1,068	1,067	1,069	1,067
Chemicals and allied products . . . . .	1,005	998	995	1,001	1,002	996	997	997	998	999	1,001	1,002	1,002
Petroleum and coal products . . . . .	189	189	188	190	190	191	191	193	189	192	190	190	190
Rubber and plastics products, nec . . . . .	636	630	627	630	621	615	609	605	600	594	593	592	589
Leather and leather products . . . . .	304	306	305	309	309	305	304	303	301	301	301	300	301
SERVICE-PRODUCING . . . . .	50,058	49,908	49,712	49,618	49,561	49,358	49,200	49,025	48,863	48,693	48,527	48,370	48,272
TRANSPORTATION AND PUBLIC UTILITIES . . . . .	4,490	4,487	4,473	4,491	4,490	4,481	4,487	4,438	4,455	4,432	4,403	4,406	4,420
WHOLESALE AND RETAIL TRADE . . . . .	15,774	15,743	15,692	15,682	15,632	15,561	15,508	15,456	15,379	15,333	15,299	15,250	15,232
WHOLESALE TRADE . . . . .	3,954	3,934	3,913	3,926	3,914	3,894	3,883	3,863	3,849	3,840	3,830	3,822	3,817
RETAIL TRADE . . . . .	11,820	11,809	11,779	11,756	11,718	11,667	11,625	11,593	11,530	11,493	11,469	11,428	11,415
FINANCE, INSURANCE, AND REAL ESTATE . . . . .	3,951	3,936	3,927	3,931	3,913	3,892	3,885	3,874	3,867	3,855	3,847	3,835	3,821
SERVICES . . . . .	12,438	12,424	12,341	12,290	12,252	12,206	12,139	12,112	12,069	12,042	11,997	11,951	11,918
Hotels and other lodging places . . . . .	-	860	843	858	837	829	834	831	828	819	808	806	811
Personal services . . . . .	-	910	907	911	914	917	917	921	920	922	930	925	926
Medical and other health services . . . . .	-	3,458	3,436	3,429	3,430	3,404	3,384	3,371	3,355	3,345	3,324	3,312	3,301
Educational services . . . . .	-	1,165	1,155	1,161	1,159	1,161	1,156	1,150	1,145	1,146	1,148	1,147	1,147
GOVERNMENT . . . . .	13,405	13,318	13,279	13,224	13,274	13,218	13,181	13,145	13,093	13,031	12,981	12,928	12,881
FEDERAL . . . . .	2,636	2,618	2,621	2,646	2,665	2,664	2,667	2,669	2,673	2,666	2,666	2,662	2,663
STATE AND LOCAL . . . . .	10,769	10,700	10,658	10,578	10,609	10,554	10,514	10,476	10,420	10,365	10,315	10,266	10,218

p = preliminary.



**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED EMPLOYMENT**

**B-6: Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
seasonally adjusted**

Industry division and group	(In thousands)										1971		
	Sept. p	Aug. p	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>TOTAL . . . . .</b>	49,492	49,360	49,122	49,245	49,124	48,845	48,677	48,443	48,332	48,141	48,021	47,841	47,900
<b>GOODS-PRODUCING . . . . .</b>	17,296	17,221	17,114	17,231	17,183	17,049	16,986	16,889	16,881	16,780	16,766	16,686	16,777
<b>MINING . . . . .</b>	456	456	453	451	457	456	466	464	465	460	374	372	468
<b>CONTRACT CONSTRUCTION . . . . .</b>	2,927	2,916	2,876	2,934	2,928	2,882	2,904	2,881	2,924	2,867	2,924	2,888	2,855
<b>MANUFACTURING . . . . .</b>	13,913	13,849	13,785	13,846	13,798	13,711	13,616	13,544	13,492	13,453	13,468	13,426	13,454
<b>DURABLE GOODS . . . . .</b>	8,002	7,946	7,889	7,899	7,876	7,805	7,729	7,680	7,637	7,608	7,616	7,600	7,606
Ordnance and accessories . . . . .	98	97	96	95	92	91	89	89	90	90	91	93	93
Lumber and wood products . . . . .	528	531	527	526	524	524	520	519	519	517	518	514	509
Furniture and fixtures . . . . .	409	410	409	405	402	402	399	397	394	391	387	384	383
Stone, clay, and glass products . . . . .	530	530	528	528	526	519	519	515	514	507	509	506	505
Primary metal industries . . . . .	1,020	987	966	973	978	965	956	940	939	930	930	935	934
Fabricated metal products . . . . .	1,060	1,056	1,049	1,053	1,049	1,038	1,028	1,022	1,016	1,011	1,015	1,016	1,020
Machinery, except electrical . . . . .	1,245	1,243	1,231	1,233	1,223	1,200	1,189	1,189	1,178	1,182	1,183	1,177	1,180
Electrical equipment . . . . .	1,256	1,241	1,233	1,237	1,223	1,214	1,205	1,198	1,189	1,188	1,183	1,181	1,173
Transportation equipment . . . . .	1,244	1,242	1,245	1,241	1,257	1,252	1,229	1,218	1,210	1,213	1,219	1,214	1,228
Instruments and related products . . . . .	280	277	276	276	273	269	266	266	265	262	265	264	263
Miscellaneous manufacturing . . . . .	332	332	329	332	329	331	329	327	323	317	316	316	318
<b>NONDURABLE GOODS . . . . .</b>	5,911	5,903	5,896	5,947	5,922	5,906	5,887	5,864	5,855	5,845	5,852	5,826	5,848
Food and kindred products . . . . .	1,170	1,167	1,188	1,202	1,182	1,186	1,186	1,180	1,187	1,183	1,185	1,166	1,193
Tobacco manufactures . . . . .	54	58	62	63	63	63	63	60	60	59	61	59	61
Textile mill products . . . . .	873	874	867	870	868	865	864	857	855	851	847	842	840
Apparel and other textile products . . . . .	1,161	1,160	1,140	1,161	1,166	1,173	1,164	1,165	1,158	1,162	1,172	1,168	1,165
Paper and allied products . . . . .	542	540	539	539	539	531	529	526	526	526	526	529	530
Printing and publishing . . . . .	653	655	655	656	658	656	655	654	655	651	651	652	651
Chemicals and allied products . . . . .	584	579	578	581	580	575	575	576	577	577	578	578	579
Petroleum and coal products . . . . .	117	117	116	117	117	117	117	117	115	118	116	117	117
Rubber and plastics products, nec . . . . .	496	491	489	492	483	478	473	469	465	461	460	459	456
Leather and leather products . . . . .	261	262	262	266	266	262	261	260	257	257	256	256	256
<b>SERVICE-PRODUCING . . . . .</b>	32,196	32,139	32,008	32,014	31,941	31,796	31,691	31,554	31,451	31,361	31,255	31,155	31,123
<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	3,876	3,865	3,861	3,879	3,886	3,875	3,881	3,835	3,857	3,830	3,807	3,809	3,824
<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	14,000	13,960	13,912	13,924	13,894	13,825	13,769	13,714	13,634	13,600	13,563	13,519	13,514
<b>WHOLESALE TRADE . . . . .</b>	3,311	3,294	3,273	3,286	3,279	3,259	3,249	3,225	3,214	3,202	3,195	3,189	3,182
<b>RETAIL TRADE . . . . .</b>	10,689	10,666	10,639	10,638	10,615	10,566	10,520	10,489	10,420	10,398	10,368	10,330	10,332
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	3,087	3,076	3,069	3,077	3,065	3,049	3,047	3,037	3,032	3,025	3,023	3,012	3,003
<b>SERVICES . . . . .</b>	11,233	11,238	11,166	11,134	11,096	11,047	10,994	10,968	10,928	10,906	10,862	10,815	10,782

<sup>1</sup> For coverage of series, see footnote 1, table B-2, preliminary.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971
1	ALABAMA	1,038.0	1,034.0	1,021.2	8.0	7.8	8.3	53.4	52.6	55.7	324.6	320.7	319.1
2	Birmingham	268.4	267.8	263.4	5.1	4.9	5.4	17.4	17.2	17.2	68.2	67.2	70.3
3	Huntsville	80.5	80.4	79.5	(1)	(1)	(1)	2.8	2.8	2.6	14.2	13.6	13.1
4	Mobile	102.3	102.1	101.0	(1)	(1)	(1)	6.5	6.4	6.5	23.2	23.1	21.7
5	Montgomery	73.4	73.3	71.6	(1)	(1)	(1)	5.3	5.4	6.0	10.8	10.8	10.6
6	Tuscaloosa	41.0	41.0	39.2	(1)	(1)	(1)	3.0	2.9	3.0	11.4	11.3	11.1
7	ALASKA	108.4	112.7	104.1	2.5	2.6	2.6	8.1	8.7	8.6	11.1	14.4	10.4
8	ARIZONA	624.3	621.6	571.2	23.1	23.0	19.2	51.1	50.8	45.3	94.7	94.1	88.6
9	Phoenix	365.3	363.6	337.9	.4	.4	.4	29.3	29.2	25.9	72.2	71.9	68.4
10	Tucson	123.0	122.3	111.2	7.1	7.0	5.7	11.8	11.7	10.6	9.8	9.7	8.9
11	ARKANSAS	571.5	570.9	549.7	4.4	4.5	4.4	26.9	26.6	29.6	179.7	178.3	173.0
12	Fayetteville	27.2	27.1	26.4	(1)	(1)	(1)	1.2	1.2	1.3	8.3	8.3	7.7
13	Fort Smith	48.4	48.7	47.9	.5	.5	.6	2.0	1.9	2.4	17.8	17.8	17.8
14	Little Rock-North Little Rock	132.8	132.6	127.7	(1)	(1)	(1)	11.1	10.9	9.6	27.6	27.4	27.3
15	Pine Bluff	23.7	23.9	23.6	(1)	(1)	(1)	.8	.8	.8	5.7	5.7	5.7
16	CALIFORNIA	7,174.3	7,116.2	6,959.0	29.8	29.5	30.9	305.6	297.1	293.6	1,563.8	1,512.6	1,505.8
17	Anaheim-Santa Ana-Garden Grove	444.4	441.0	416.7	2.0	2.0	2.1	24.9	24.2	20.9	121.7	120.0	114.2
18	Bakersfield	95.9	96.7	92.5	6.2	6.2	6.5	3.8	3.7	3.8	8.4	8.3	8.1
19	Fresno	129.4	128.8	123.2	.7	.7	.7	6.1	6.0	5.8	21.7	20.2	20.4
20	Los Angeles-Long Beach	2,857.0	2,850.1	2,793.3	10.7	10.6	10.6	91.3	90.6	96.6	786.6	779.1	748.4
21	Modesto	65.9	66.6	62.7	.1	.1	.1	4.6	4.6	3.8	21.7	16.9	21.8
22	Oxnard-Simi Valley-Ventura	99.0	98.4	93.7	1.7	1.7	1.7	4.7	4.6	4.5	13.3	12.8	12.5
23	Riverside-San Bernardino-Ontario	302.4	302.7	292.6	2.2	2.2	2.6	13.7	13.5	13.8	53.2	52.9	51.6
24	Sacramento	278.8	274.8	268.6	.1	.1	.1	15.6	15.4	11.9	25.0	21.6	25.3
25	Salinas-Seaside-Monterey	68.8	69.2	65.7	.5	.5	.5	2.7	2.7	2.3	7.6	7.5	7.1
26	San Diego	411.4	408.8	397.7	.5	.5	.5	23.1	23.1	22.5	58.4	57.5	61.7
27	San Francisco-Oakland	1,247.9	1,235.8	1,221.3	1.8	1.5	1.8	58.2	55.5	54.3	195.0	184.2	191.8
28	San Jose	396.4	388.9	380.5	.1	.1	.1	18.3	16.9	17.9	127.7	121.5	124.9
29	Santa Barbara-Santa Maria-Lompoc	81.8	81.6	79.8	.9	.9	.9	3.8	3.7	3.4	9.4	9.2	9.3
30	Santa Rosa	56.2	55.6	53.6	.3	.3	.3	3.0	2.9	2.6	8.0	7.4	7.7
31	Stockton	97.3	93.7	92.1	.1	.1	.1	5.4	5.3	4.6	23.0	20.7	20.8
32	Vallejo-Fairfield-Napa	71.5	71.8	70.7	.2	.2	.2	3.2	3.1	2.8	7.9	7.8	8.1
33	COLORADO	813.9	810.5	777.7	13.3	13.6	13.6	53.5	52.3	48.1	123.5	122.9	119.5
34	Denver	515.9	514.4	496.2	5.5	5.5	5.3	33.4	33.1	31.2	88.5	88.1	86.2
35	CONNECTICUT	1,170.2	1,173.6	1,158.4	(2)	(2)	(2)	60.3	60.0	60.8	390.9	393.1	392.6
36	Bridgeport	142.6	142.5	144.3	(2)	(2)	(2)	4.8	4.9	6.0	61.4	60.5	61.8
37	Hartford	309.5	313.9	312.7	(2)	(2)	(2)	15.9	16.0	15.2	77.8	80.3	83.5
38	New Britain	43.5	43.7	42.6	(2)	(2)	(2)	2.0	2.0	2.1	21.5	21.6	20.5
39	New Haven	155.7	156.2	156.0	(2)	(2)	(2)	9.0	8.8	9.0	37.8	38.1	38.7
40	Stamford	82.7	83.2	81.4	(2)	(2)	(2)	3.8	3.8	3.8	26.8	27.1	26.6
41	Waterbury	77.8	77.3	77.5	(2)	(2)	(2)	4.2	4.3	4.0	33.7	33.0	34.0
42	DELAWARE	220.6	218.4	211.0	(1)	(1)	(1)	14.7	14.9	14.2	71.4	69.8	67.5
43	Wilmington	198.6	197.6	189.7	(1)	(1)	(1)	14.5	14.6	13.7	66.1	65.9	64.0
44	DISTRICT OF COLUMBIA <sup>3</sup>	690.5	693.7	696.3	(1)	(1)	(1)	19.0	18.6	18.8	17.4	17.4	18.0
45	Washington SMSA	1,220.5	1,226.5	1,207.5	(1)	(1)	(1)	75.5	73.8	73.4	44.8	44.7	44.7
46	FLORIDA	2,246.8	2,246.9	2,150.1	9.4	9.4	9.3	174.5	172.6	169.0	317.9	317.2	310.2
47	Fort Lauderdale-Hollywood	186.7	186.9	175.3	(1)	(1)	(1)	23.6	23.5	22.8	21.4	21.0	19.0
48	Jacksonville	192.3	192.1	191.1	(1)	(1)	(1)	12.6	12.5	12.5	24.3	24.6	24.0
49	Miami	518.8	521.7	510.2	(1)	(1)	(1)	31.8	31.8	31.3	79.3	79.2	75.6
50	Orlando	172.6	171.0	153.5	(1)	(1)	(1)	17.5	17.1	23.0	23.4	23.2	20.8
51	Pensacola	72.4	71.9	68.9	(1)	(1)	(1)	7.0	6.8	6.2	14.6	14.6	14.3
52	Tampa-St. Petersburg	335.1	332.6	318.3	(1)	(1)	(1)	31.3	31.3	28.4	55.0	54.5	52.3
53	West Palm Beach	109.4	109.2	107.5	(1)	(1)	(1)	11.2	11.0	10.6	17.4	17.4	19.2
54	GEORGIA	1,612.0	1,604.9	1,576.3	6.9	7.2	7.0	84.9	85.6	83.8	462.8	455.7	456.6
55	Atlanta	631.5	630.4	623.9	(1)	(1)	(1)	35.6	35.5	36.4	108.9	107.9	111.4
56	Augusta	89.9	89.4	87.6	(1)	(1)	(1)	5.5	5.4	5.2	30.2	29.9	29.6
57	Columbus	71.0	71.3	72.0	(1)	(1)	(1)	5.0	5.0	4.8	20.1	20.0	19.2
58	Macon	77.8	77.4	78.7	(1)	(1)	(1)	4.2	3.9	4.5	14.0	14.0	13.9
59	Savannah	68.4	68.6	67.9	(1)	(1)	(1)	4.6	4.5	4.4	15.6	15.5	15.6
60	HAWAII	313.0	315.3	309.3	(1)	(1)	(1)	23.1	23.2	23.4	27.9	29.9	29.1
61	Honolulu	264.4	266.5	262.4	(1)	(1)	(1)	19.5	19.6	20.0	20.7	22.6	21.7

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	
57.7	57.5	57.3	197.0	196.2	194.9	45.3	45.1	43.5	139.7	140.2	135.9	212.3	213.9	206.5	1
19.9	19.9	19.2	61.2	61.2	60.2	18.1	18.1	17.6	39.1	39.2	38.1	39.4	40.1	35.4	2
1.6	1.6	1.6	12.3	12.4	12.0	2.2	2.2	2.2	17.6	17.8	17.6	29.8	30.0	30.4	3
9.3	9.2	10.1	25.3	25.2	24.7	5.3	5.3	5.2	17.3	17.4	17.1	15.4	15.5	15.7	4
4.0	4.0	4.0	16.9	17.0	16.2	4.6	4.5	4.3	12.8	12.8	12.0	19.0	18.8	18.5	5
1.6	1.6	1.6	6.3	6.3	6.2	1.4	1.4	1.4	4.0	4.0	4.3	13.3	13.5	11.6	6
11.0	11.4	10.4	17.5	17.4	16.4	3.6	3.6	3.4	14.0	13.8	13.5	40.6	40.8	38.8	7
32.6	32.5	31.1	144.3	144.3	131.4	36.5	36.3	33.7	105.8	105.7	96.3	136.2	134.9	125.6	8
19.5	19.4	18.4	90.7	90.7	82.4	27.4	27.3	25.3	61.1	60.9	57.0	64.7	63.8	60.1	9
6.5	6.5	6.1	26.9	26.9	24.4	5.6	5.6	5.2	21.9	21.8	20.2	33.4	33.1	30.1	10
33.0	32.9	33.2	113.1	112.3	109.0	24.7	24.6	23.1	78.6	78.6	76.5	111.1	113.1	100.9	11
2.2	2.2	2.2	5.6	5.6	5.5	.6	.6	.6	3.2	3.2	3.2	6.1	6.0	5.9	12
2.8	2.8	3.0	10.5	10.8	9.9	1.7	1.7	1.5	7.2	7.3	7.0	5.9	5.9	5.7	13
9.6	9.7	9.8	28.5	28.4	27.6	9.5	9.5	8.9	20.3	20.4	19.8	26.2	26.3	24.7	14
3.6	3.6	3.3	4.6	4.6	4.8	1.0	1.0	.9	3.2	3.2	3.2	4.8	5.0	4.9	15
467.1	465.9	454.6	1,607.0	1,606.9	1,563.2	415.1	414.0	400.5	1,336.2	1,329.6	1,301.5	1,449.7	1,460.6	1,408.9	16
15.2	15.2	14.5	106.8	106.4	100.4	25.8	25.6	23.1	79.0	78.8	74.9	69.0	68.8	66.6	17
6.8	6.8	6.3	23.0	23.5	22.2	4.1	4.0	3.7	15.9	16.5	15.2	27.7	27.7	26.7	18
8.7	8.6	8.4	34.5	34.9	34.7	5.8	5.8	5.7	23.0	23.0	21.7	28.9	29.6	25.8	19
173.4	173.3	170.0	640.8	641.6	635.0	182.0	181.6	176.4	552.3	551.9	543.7	419.9	421.4	412.6	20
2.9	2.8	2.7	13.7	13.6	12.8	1.4	1.4	1.4	10.9	10.7	10.2	10.6	10.5	9.9	21
4.6	4.6	4.1	24.1	24.1	22.9	3.9	3.8	3.8	16.3	16.2	15.2	30.4	30.6	29.0	22
17.9	17.9	17.3	69.2	69.5	66.8	10.8	10.8	10.7	58.3	58.2	55.6	77.1	77.7	74.2	23
18.3	18.2	18.1	58.8	58.2	55.0	12.1	12.1	11.8	42.3	42.2	39.9	106.6	107.0	106.5	24
4.2	4.2	4.0	18.9	18.9	18.7	2.3	2.3	2.3	13.7	13.5	13.5	18.9	19.6	17.3	25
22.3	22.4	21.2	94.6	94.2	90.6	22.0	21.8	20.9	84.3	83.4	79.6	106.2	105.9	100.7	26
130.4	131.0	124.4	266.0	266.3	264.0	103.9	103.6	99.4	226.3	225.9	222.1	266.3	267.8	263.5	27
18.5	18.5	18.1	75.9	75.5	71.4	15.8	15.7	14.6	77.6	77.6	75.3	62.5	63.1	58.2	28
3.5	3.5	3.4	19.5	19.6	18.8	3.3	3.3	3.3	21.2	21.1	20.6	20.2	20.3	20.1	29
2.9	2.9	2.9	14.0	13.9	13.6	3.8	3.7	3.4	10.1	10.1	10.0	14.1	14.4	13.1	30
6.8	6.5	6.3	20.3	19.4	19.7	3.2	3.2	3.0	14.9	15.0	14.4	23.6	23.5	23.2	31
3.9	3.9	3.7	13.6	13.5	13.2	2.0	2.0	1.9	11.0	11.1	10.9	29.7	30.2	29.9	32
55.9	55.6	53.5	193.3	192.1	183.1	43.3	43.5	41.7	139.9	138.9	137.6	191.2	191.6	180.6	33
38.6	38.3	37.5	126.7	126.7	122.5	31.7	31.7	30.8	93.4	92.8	90.9	98.1	98.2	91.8	34
52.0	51.9	50.3	227.3	229.4	224.2	80.8	80.6	78.4	200.8	200.9	195.2	158.1	157.6	156.9	35
6.1	6.1	6.2	28.2	28.6	28.1	4.9	5.0	4.9	22.0	22.2	22.0	15.3	15.3	15.3	36
11.4	11.4	11.5	60.0	61.1	60.0	49.0	49.1	47.7	49.8	50.3	49.1	45.7	45.7	45.7	37
1.4	1.4	1.4	7.1	7.2	7.1	1.3	1.3	1.3	5.6	5.7	5.7	4.6	4.6	4.6	38
14.2	14.2	13.9	31.8	32.2	32.3	8.7	8.7	8.6	34.0	33.9	33.6	20.3	20.3	19.8	39
3.5	3.5	3.4	17.1	17.2	16.9	5.2	5.3	4.9	18.2	18.4	17.8	7.9	8.0	8.0	40
3.2	3.2	2.9	13.3	13.4	13.4	2.4	2.4	2.3	11.3	11.3	11.3	9.7	9.8	9.7	41
11.1	11.0	10.8	44.7	44.4	44.2	9.7	9.7	9.6	34.6	34.6	32.3	34.4	34.0	32.4	42
11.0	11.0	10.1	38.2	37.8	37.9	8.8	8.8	8.8	30.0	30.0	27.3	30.0	29.5	27.9	43
28.3	28.3	28.6	77.2	77.3	77.3	34.2	34.3	34.4	144.7	145.1	146.2	369.7	372.7	373.0	44
60.2	60.5	60.3	237.0	237.3	230.5	74.4	74.6	72.0	271.3	271.8	269.0	457.3	463.8	457.6	45
172.3	173.2	163.1	598.0	596.2	567.4	147.1	147.4	140.0	430.0	429.8	404.5	397.6	401.1	386.6	46
10.6	11.2	10.8	54.4	54.5	51.4	14.1	14.0	12.8	37.6	37.6	33.5	25.0	25.1	25.0	47
20.0	20.0	20.3	52.4	52.4	52.3	19.8	19.7	19.5	31.1	31.1	30.9	32.1	31.8	31.6	48
58.1	58.2	58.5	136.9	137.9	135.3	37.4	37.3	36.3	118.6	119.9	116.7	56.7	57.4	56.5	49
10.3	10.2	9.2	43.8	43.6	40.0	11.5	11.4	10.5	41.4	40.8	26.9	24.7	24.7	23.1	50
3.6	3.5	3.6	15.7	15.6	14.9	3.0	2.9	2.9	10.5	10.5	9.3	18.0	18.0	17.7	51
23.4	23.3	22.3	93.4	92.5	89.7	21.7	21.8	18.8	62.6	62.6	59.9	47.7	46.6	46.9	52
5.6	5.6	5.2	29.4	29.5	28.2	7.5	7.4	7.0	22.3	22.2	21.6	16.0	16.1	15.7	53
108.7	108.8	107.1	342.9	342.4	340.0	82.3	82.4	80.2	208.4	208.2	198.3	315.1	314.6	303.3	54
61.4	61.3	59.5	177.4	177.5	173.2	47.9	47.9	46.7	100.5	100.4	98.5	99.9	99.9	98.2	55
3.6	3.6	3.7	16.0	15.9	15.5	3.1	3.1	3.1	10.4	10.4	10.1	21.1	21.1	20.4	56
2.9	3.0	3.2	13.1	13.1	13.1	4.2	4.2	4.1	9.4	9.4	9.3	16.3	16.6	18.3	57
3.3	3.3	3.5	15.8	15.7	15.2	4.2	4.2	4.1	9.3	9.3	9.5	27.0	27.0	28.0	58
7.5	7.9	7.9	15.3	15.3	15.3	3.3	3.3	3.3	9.9	9.9	9.6	12.2	12.2	11.8	59
24.9	24.8	24.2	72.8	73.3	71.9	20.0	20.0	19.4	64.1	63.8	61.7	80.2	80.3	79.6	60
20.9	20.9	20.6	61.4	61.9	61.2	18.3	18.3	17.8	53.6	53.4	51.7	70.0	69.8	69.4	61

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971
1	IDAHO	232.5	230.6	219.5	3.2	3.2	3.5	13.7	13.1	12.7	42.4	42.6	40.8
2	Boise City	50.0	49.4	45.8	(1)	(1)	(1)	3.6	3.4	2.9	5.9	5.8	5.3
3	ILLINOIS	4,331.6	4,316.2	4,316.8	25.0	24.8	24.7	200.9	197.4	204.6	1,278.0	1,264.7	1,270.9
4	Chicago	2,968.4	2,962.1	2,967.6	4.4	4.5	4.6	129.2	127.3	129.0	873.7	866.6	872.2
5	Chicago-Northwestern Indiana	(*)	3,179.0	3,175.4	(*)	(*)	4.6	(*)	136.0	141.0	(*)	968.8	962.5
6	Davenport-Rock Island-Moline	133.1	133.4	130.3	(2)	(2)	(2)	7.1	7.0	6.8	41.3	41.5	40.0
7	Decatur	50.3	50.2	49.8	(2)	(2)	(2)	2.5	2.5	2.8	19.9	19.4	18.8
8	Peoria	131.2	129.4	131.6	(2)	(2)	(2)	9.3	9.1	9.1	46.6	45.2	48.0
9	Rockford	108.3	107.4	104.8	(2)	(2)	(2)	4.8	4.6	4.9	52.7	51.7	50.2
10	Springfield	72.3	71.9	71.2	(2)	(2)	(2)	4.5	4.5	4.5	9.5	9.5	10.2
11	INDIANA	1,884.3	1,880.6	1,821.9	7.1	7.2	7.3	89.6	87.9	82.4	710.7	705.1	672.7
12	Evansville	89.9	90.3	89.9	1.4	1.4	1.4	4.3	4.3	4.1	32.3	32.8	32.9
13	Fort Wayne	121.4	120.2	119.0	(1)	(1)	(1)	5.6	5.4	5.4	43.4	43.2	42.4
14	Gary-Hammond-East Chicago	214.6	215.7	207.8	(1)	(1)	(1)	9.4	9.3	12.0	101.4	102.5	90.3
15	Indianapolis	420.2	417.0	418.1	(1)	(1)	(1)	20.2	19.7	18.7	120.4	119.1	120.9
16	Muncie	44.4	43.3	45.6	(1)	(1)	(1)	1.7	1.7	1.8	15.9	14.8	17.2
17	South Bend	95.3	94.9	93.2	(1)	(1)	(1)	4.7	4.5	3.9	31.6	31.1	30.8
18	Terre Haute	53.9	54.1	55.3	.9	.9	1.1	2.6	2.5	2.8	15.7	15.9	15.9
19	IOWA	910.9	904.6	880.4	3.3	3.3	3.2	47.2	46.3	45.0	222.2	215.9	204.9
20	Cedar Rapids	64.8	64.3	63.7	(1)	(1)	(1)	3.6	3.5	3.8	23.1	22.9	22.7
21	Des Moines	132.3	130.1	129.5	(1)	(1)	(1)	6.9	6.6	6.7	26.3	24.2	24.5
22	Dubuque	32.5	34.4	31.2	(1)	(1)	(1)	1.4	1.4	1.5	12.6	14.4	11.9
23	Sioux City	42.3	42.3	41.1	(1)	(1)	(1)	2.6	2.5	2.1	11.4	11.1	10.4
24	Waterloo	51.7	46.5	47.0	(1)	(1)	(1)	2.2	2.1	2.5	19.3	15.0	16.1
25	KANSAS	685.3	685.8	667.7	10.4	10.3	10.4	35.0	35.1	33.8	138.1	137.4	129.9
26	Topeka	65.0	65.0	62.8	.1	.1	.1	3.1	3.1	2.9	9.7	9.8	9.8
27	Wichita	143.2	143.2	134.6	2.3	2.4	2.3	7.4	7.4	7.0	40.4	40.0	34.1
28	KENTUCKY	955.4	954.3	929.7	31.2	30.3	30.5	54.8	55.4	57.3	256.7	257.1	246.9
29	Lexington	82.0	81.0	78.9	(1)	(1)	(1)	6.1	6.1	5.3	17.2	16.6	16.0
30	Louisville	335.6	334.1	326.5	(1)	(1)	(1)	17.2	17.3	16.8	106.9	106.9	104.7
31	LOUISIANA	1,077.8	1,078.9	1,015.9	51.9	51.8	51.1	78.0	79.1	76.8	178.0	178.0	175.5
32	Baton Rouge	112.8	113.5	109.4	.5	.5	.5	13.1	13.8	11.9	17.7	17.7	17.7
33	Lake Charles	39.7	41.1	40.8	1.3	1.3	1.3	2.7	3.2	4.6	9.4	9.5	9.7
34	Monroe	40.0	40.7	38.3	.5	.5	.4	4.2	4.2	3.5	6.8	6.8	6.7
35	New Orleans	383.3	384.6	375.0	13.5	13.3	13.4	24.3	24.6	23.5	53.1	53.9	54.6
36	Shreveport	97.8	97.8	95.0	3.5	3.5	3.7	6.3	6.4	6.1	17.8	17.7	16.9
37	MAINE	345.5	340.5	339.2	(1)	(1)	(1)	20.2	20.2	19.3	106.8	101.4	104.5
38	Lewiston-Auburn	29.0	27.9	27.9	(1)	(1)	(1)	1.6	1.6	1.5	12.4	11.3	12.0
39	Portland	67.0	66.1	66.4	(1)	(1)	(1)	4.2	4.2	4.1	14.1	13.2	13.8
40	MARYLAND <sup>3</sup>	1,358.1	1,359.4	1,311.7	2.2	2.2	2.2	104.3	103.1	103.4	253.3	250.7	245.4
41	Baltimore	818.8	820.5	795.7	.3	.3	.3	52.1	51.2	51.1	177.0	177.1	170.2
42	MASSACHUSETTS	2,263.2	2,256.9	2,248.1	(1)	(1)	(1)	111.3	110.0	111.4	600.0	585.7	600.2
43	Boston	1,280.0	1,280.4	1,279.2	(1)	(1)	(1)	58.8	58.9	59.8	253.6	249.3	254.8
44	Brockton	52.9	52.3	51.9	(1)	(1)	(1)	2.2	2.2	2.3	15.5	14.7	14.9
45	Fall River	46.7	45.1	46.3	(1)	(1)	(1)	(1)	(1)	(1)	20.4	18.9	20.3
46	Lawrence-Haverhill	81.3	80.2	82.1	(1)	(1)	(1)	2.4	2.4	2.6	36.3	35.1	36.9
47	Lowell	52.5	51.8	52.0	(1)	(1)	(1)	3.0	3.1	3.0	19.6	18.6	19.2
48	New Bedford	56.2	54.9	56.4	(1)	(1)	(1)	1.6	1.5	1.9	25.1	23.8	24.9
49	Springfield-Chicopee-Holyoke	189.3	188.9	188.5	(1)	(1)	(1)	8.9	8.7	8.7	60.2	59.1	61.1
50	Worcester	130.0	128.4	127.5	(1)	(1)	(1)	5.6	5.5	6.2	42.0	40.5	40.7
51	MICHIGAN	2,975.1	2,907.8	2,919.5	12.2	12.1	8.3	116.8	116.6	122.0	1,046.2	976.1	1,015.8
52	Ann Arbor	97.6	99.2	98.3	(1)	(1)	(1)	2.4	2.4	2.4	34.1	35.2	35.4
53	Battle Creek	62.5	62.3	60.5	(1)	(1)	(1)	1.9	1.9	1.9	25.4	25.3	24.3
54	Bay City	30.0	28.7	28.8	(1)	(1)	(1)	1.6	1.6	1.6	9.7	8.6	9.8
55	Detroit	1,447.6	1,422.1	1,445.2	.7	.7	.9	58.3	58.4	59.5	522.5	495.2	518.6
56	Flint	162.7	138.4	160.0	(1)	(1)	(1)	6.0	6.1	5.4	71.9	47.1	74.0
57	Grand Rapids	197.8	197.5	187.9	(1)	(1)	(1)	11.0	10.9	9.2	71.9	72.0	67.6
58	Jackson	49.0	48.0	45.7	(1)	(1)	(1)	2.2	2.2	1.9	17.5	17.4	16.9
59	Kalamazoo	71.1	71.0	70.7	(1)	(1)	(1)	3.4	3.3	3.3	25.9	25.5	25.8
60	Lansing-East Lansing	128.7	120.2	120.6	(1)	(1)	(1)	6.3	6.3	5.4	35.8	26.9	32.1
61	Muskegon-Muskegon Heights	48.7	48.5	46.5	(1)	(1)	(1)	1.8	1.7	1.5	21.3	21.3	20.4
62	Saginaw	78.2	75.0	72.7	(1)	(1)	(1)	4.4	4.3	3.9	33.8	31.0	30.9

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	
15.0	14.9	14.5	56.7	55.3	51.7	9.2	9.1	8.6	37.7	37.6	35.8	54.6	54.8	51.9	1
3.4	3.4	3.4	13.3	13.1	12.1	3.3	3.3	3.2	7.9	7.9	7.4	12.6	12.5	11.5	2
280.1	281.4	285.1	947.3	947.9	938.7	245.8	246.2	242.0	707.5	707.7	704.0	647.1	646.2	646.9	3
200.2	200.9	204.0	669.8	671.6	663.3	191.3	192.0	188.9	519.7	519.2	518.9	380.1	380.1	386.8	4
(*)	216.5	218.2	(*)	709.6	700.2	(*)	198.5	195.3	(*)	541.7	542.2	(*)	403.3	411.5	5
7.2	7.3	7.3	31.7	31.6	30.4	5.8	5.8	5.5	18.4	18.5	18.6	21.4	21.8	21.9	6
3.9	3.9	3.9	9.8	9.8	9.9	2.1	2.1	2.1	7.5	7.5	7.6	4.5	5.0	4.8	7
7.2	7.2	7.0	27.6	27.6	27.6	5.7	5.7	5.5	19.2	19.1	19.0	15.5	15.6	15.4	8
3.6	3.6	3.4	20.9	20.8	20.3	3.3	3.3	3.3	13.5	13.5	13.3	9.6	9.9	9.4	9
4.2	4.2	4.4	14.5	14.2	14.4	5.7	5.6	5.6	12.4	12.5	12.5	21.4	21.3	19.7	10
99.1	99.2	99.8	375.3	375.9	367.9	79.5	79.4	77.2	232.4	233.6	228.5	290.6	292.2	286.0	11
5.2	5.3	5.3	19.9	19.9	19.4	3.2	3.2	3.3	15.1	14.9	14.9	8.5	8.5	8.6	12
8.8	8.7	8.5	27.4	27.6	27.3	7.1	7.0	6.8	16.9	16.1	16.5	12.2	12.2	12.1	13
14.1	14.0	14.2	36.1	36.2	36.9	6.5	6.5	6.4	22.7	22.7	23.3	24.4	24.5	24.7	14
27.5	27.5	28.6	94.7	94.7	94.9	29.9	29.8	29.5	56.1	56.2	55.3	71.4	70.0	70.2	15
2.2	2.2	2.2	9.6	9.7	9.4	1.5	1.5	1.5	5.6	5.5	5.4	7.9	7.9	8.1	16
4.8	4.8	4.8	20.9	21.0	21.1	5.3	5.4	5.1	16.8	16.7	16.4	11.2	11.4	11.1	17
4.0	4.0	4.1	12.7	12.7	12.8	1.8	1.8	1.8	7.1	7.1	7.1	9.1	9.2	9.7	18
52.9	53.0	52.4	217.3	216.3	212.6	42.9	43.0	42.4	156.1	155.2	152.3	169.2	171.8	167.6	19
3.6	3.6	3.5	13.0	13.0	13.3	3.0	3.0	3.0	9.7	9.7	9.5	8.8	8.6	7.8	20
9.7	9.7	9.5	30.9	31.1	32.3	15.8	15.8	15.5	24.0	23.9	22.6	18.8	18.8	18.3	21
1.5	1.5	1.6	7.1	7.1	6.8	.9	.9	1.0	6.3	6.2	5.6	2.6	2.7	2.7	22
3.0	3.0	3.0	10.7	10.7	10.9	2.1	2.2	2.1	7.5	7.5	7.2	5.0	5.3	5.5	23
2.3	2.3	2.2	11.0	11.0	10.5	1.4	1.4	1.4	7.8	7.7	7.3	7.6	6.9	6.9	24
51.9	51.9	50.8	160.4	161.0	159.2	31.6	31.6	31.0	104.4	103.6	104.2	153.5	154.9	148.4	25
6.6	6.6	6.4	13.4	13.3	13.2	4.3	4.3	4.2	10.6	10.7	10.2	17.4	17.3	16.2	26
7.9	7.9	8.0	32.2	32.1	31.3	7.0	7.0	6.9	25.3	25.2	25.2	20.9	21.5	19.9	27
59.2	59.0	59.2	193.4	192.8	186.5	37.8	37.9	37.2	140.9	140.9	140.3	181.4	180.9	171.8	28
4.3	4.1	4.2	16.3	16.3	15.9	4.0	4.0	3.9	12.4	12.3	12.5	21.7	21.6	21.1	29
24.1	24.0	23.5	72.5	72.1	71.2	19.0	19.1	18.0	51.0	50.7	49.1	44.8	44.1	43.2	30
93.0	93.0	92.6	242.4	242.3	236.5	51.8	51.9	50.3	163.4	162.8	161.1	219.3	220.0	208.0	31
5.4	5.4	5.3	23.5	23.3	22.9	6.3	6.2	6.1	14.9	14.9	15.2	31.4	31.7	29.8	32
2.9	2.9	2.9	9.7	9.7	8.8	1.5	1.5	1.5	6.1	6.2	6.2	6.1	6.8	5.8	33
2.2	2.2	2.3	10.5	10.6	10.2	2.6	2.6	2.4	5.9	5.9	5.4	7.3	7.9	7.4	34
43.3	43.6	43.0	92.1	92.4	91.8	24.6	24.6	24.0	69.7	69.1	67.0	62.7	63.1	57.7	35
9.5	9.5	9.3	24.5	24.3	24.0	4.6	4.6	4.6	15.9	15.9	15.4	15.7	15.9	15.0	36
18.5	18.4	18.1	70.5	70.5	69.6	12.9	12.9	12.9	47.9	47.6	47.4	68.7	69.5	67.4	37
.9	1.0	.9	6.4	6.4	6.2	.9	.9	.9	4.2	4.2	4.2	2.6	2.5	2.2	38
5.3	5.4	5.4	17.9	17.9	17.9	6.0	6.0	5.7	11.4	11.3	11.4	8.1	8.1	8.1	39
80.7	80.6	80.8	331.4	331.6	315.9	74.1	74.0	71.9	260.8	259.7	250.6	251.3	257.5	241.5	40
56.7	56.7	56.0	183.6	183.3	178.1	45.7	45.7	44.5	145.5	145.1	141.0	157.9	161.1	154.5	41
122.2	122.4	119.4	494.3	498.6	492.9	130.4	130.6	129.8	473.2	477.1	469.5	331.8	332.5	324.9	42
74.4	75.1	76.2	294.3	297.2	294.2	94.5	94.8	94.7	324.7	325.9	317.4	179.7	179.2	182.1	43
4.0	4.1	4.0	12.8	12.9	13.0	1.6	1.6	1.5	7.8	7.8	7.5	9.0	9.0	8.7	44
2.1	2.1	2.1	9.9	9.8	9.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.4	9.4	9.2	4.9	4.9	4.8	45
2.9	2.9	2.7	14.8	14.6	14.9	2.5	2.5	2.4	11.3	11.3	11.2	11.1	11.4	11.4	46
2.2	2.2	2.3	11.2	11.2	11.1	1.5	1.6	1.5	8.2	8.2	8.1	6.8	6.9	6.8	47
3.3	3.3	3.4	11.0	11.0	11.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.2	10.2	10.0	5.0	5.1	5.1	48
9.0	9.0	8.8	38.5	38.9	38.6	9.7	9.7	9.6	35.8	36.3	35.5	27.2	27.2	26.2	49
7.1	7.1	7.0	26.7	26.7	26.6	7.0	7.0	7.0	24.0	24.0	23.1	17.6	17.6	16.9	50
146.6	146.2	150.1	609.5	608.1	607.8	121.1	121.1	118.3	443.6	442.4	431.7	479.1	485.7	465.7	51
2.2	2.2	2.2	13.6	13.8	12.7	2.6	2.6	2.5	9.5	9.8	10.0	33.2	33.3	33.1	52
2.6	2.6	2.4	9.5	9.5	9.4	3.7	3.7	3.6	8.2	8.2	8.0	11.1	11.1	10.8	53
2.0	2.0	1.4	6.9	6.9	6.8	.8	.8	.9	4.5	4.4	3.9	4.4	4.4	4.4	54
78.6	78.4	81.0	293.1	292.6	296.2	71.3	70.9	70.9	228.5	229.2	222.0	194.6	196.6	196.0	55
4.6	4.5	5.1	34.6	34.7	33.1	5.0	4.9	4.6	19.4	19.7	17.7	21.1	21.4	20.2	56
9.8	9.8	9.5	46.6	46.4	45.3	7.4	7.3	7.1	28.2	28.2	27.8	22.9	22.8	21.5	57
4.2	4.2	3.6	9.5	8.6	8.2	1.4	1.4	1.4	6.1	6.1	5.7	8.1	8.1	8.0	58
2.8	2.8	2.4	15.2	15.3	14.9	2.5	2.5	2.5	9.4	9.4	9.3	11.8	12.1	12.6	59
3.9	3.8	3.4	21.2	21.2	21.6	6.0	6.0	5.9	17.2	16.9	15.6	38.5	39.1	36.6	60
3.3	3.3	2.9	8.0	8.0	7.8	1.3	1.3	1.3	6.1	6.1	5.8	6.9	6.9	6.7	61
3.8	3.8	3.4	15.0	15.0	14.4	3.0	3.0	2.8	9.0	8.7	8.6	9.1	9.1	8.6	62

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

State and area	TOTAL			Mining			Contract construction			Manufacturing		
	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971
1 MINNESOTA.....	1,337.4	1,305.9	1,319.7	13.0	14.5	15.1	70.5	42.6	73.4	315.1	309.1	311.2
2 Duluth-Superior.....	55.9	55.0	55.8	(1)	(1)	(1)	2.5	1.7	3.2	8.6	8.4	8.3
3 Minneapolis-St. Paul.....	770.8	751.8	769.5	(1)	(1)	(1)	35.8	17.6	39.6	193.8	193.1	192.6
4 MISSISSIPPI.....	611.5	610.4	594.9	6.4	6.3	6.3	31.6	32.3	33.9	203.9	202.5	192.0
5 Jackson.....	98.8	97.9	95.0	.7	.7	.7	7.3	6.7	6.4	14.8	14.6	14.3
6 MISSOURI.....	1,628.4	1,615.7	1,620.1	8.0	8.1	8.4	63.9	65.1	70.9	434.9	421.1	421.3
7 Kansas City.....	529.6	524.5	511.6	.5	.5	.5	30.4	29.9	28.1	119.9	114.6	115.9
8 St. Joseph.....	32.6	32.8	31.5	(2)	(2)	(2)	2.3	2.1	1.7	9.5	9.8	9.3
9 St. Louis.....	860.2	870.5	880.3	2.8	3.0	3.0	27.1	32.4	37.7	255.5	250.2	258.8
10 Springfield.....	59.3	59.6	58.3	.1	.1	.1	2.8	2.9	2.9	16.7	16.8	16.2
11 MONTANA.....	215.3	214.3	209.3	6.3	6.4	3.4	11.8	11.7	13.2	25.4	24.9	22.8
12 Billings.....	32.3	32.4	30.8	(1)	(1)	(1)	2.2	2.3	2.0	3.4	3.3	3.2
13 Great Falls.....	26.8	26.6	25.5	(1)	(1)	(1)	1.6	1.6	1.8	2.7	2.7	1.6
14 NEBRASKA.....	503.0	503.5	486.7	1.9	2.0	1.9	31.2	31.4	27.6	87.8	85.6	83.9
15 Lincoln.....	74.8	74.7	71.9	-	-	-	4.4	4.3	4.1	11.7	11.6	11.0
16 Omaha.....	218.3	220.6	208.9	(2)	(2)	(2)	14.0	14.1	10.8	39.0	38.6	37.5
17 NEVADA.....	222.5	222.0	215.0	3.8	3.8	3.8	13.8	12.8	13.0	9.1	9.0	8.5
18 Las Vegas.....	119.9	119.2	114.9	.1	.1	.1	7.8	7.1	7.2	4.1	4.1	4.0
19 Reno.....	65.1	65.0	62.1	.3	.3	.3	4.4	4.3	3.8	3.4	3.3	3.1
20 NEW HAMPSHIRE.....	283.4	277.8	270.7	.4	.4	.4	14.0	13.7	13.4	91.2	87.3	85.2
21 Manchester.....	50.7	50.1	49.8	(1)	(1)	(1)	2.3	2.2	2.4	17.0	16.6	16.8
22 NEW JERSEY.....	2,648.9	2,640.5	2,612.6	2.8	2.9	2.9	120.2	118.9	120.8	798.9	788.2	814.2
23 Atlantic City.....	74.3	73.7	72.2	-	-	-	4.0	4.0	3.5	9.8	9.7	9.5
24 Camden <sup>5</sup> .....	268.7	268.3	264.7	.1	.1	.1	15.5	15.3	15.2	67.5	66.5	70.9
25 Jersey City <sup>6</sup> .....	248.6	243.5	248.8	-	-	-	7.6	7.4	7.4	97.0	92.7	98.7
26 Long Branch-Asbury Park.....	132.7	131.9	128.2	.1	.1	.1	8.0	8.0	7.2	21.7	21.3	21.8
27 Newark <sup>6</sup> .....	781.8	779.5	779.0	.6	.6	.7	32.1	31.8	33.1	226.0	223.4	229.8
28 Paterson-Clifton-Passaic <sup>6</sup> .....	510.8	511.6	506.3	.2	.2	.2	23.5	23.4	23.4	178.3	176.2	180.5
29 Perth Amboy <sup>6</sup> .....	282.9	282.4	278.6	.6	.6	.6	11.8	11.9	12.3	105.0	103.6	107.5
30 Trenton.....	138.5	138.5	132.2	(1)	(1)	(1)	4.0	4.0	3.7	36.9	36.4	36.5
31 Vineland-Millville-Bridgeton.....	48.9	48.4	48.8	(1)	(1)	(1)	1.8	1.8	1.9	21.6	21.0	21.9
32 NEW MEXICO.....	324.5	323.8	302.5	16.0	15.9	15.9	23.0	22.7	20.6	25.2	24.8	21.6
33 Albuquerque.....	124.7	124.2	115.0	(1)	(1)	(1)	11.2	11.0	9.3	12.1	11.7	9.7
34 NEW YORK.....	6,970.4	6,935.9	7,005.9	7.0	7.0	8.2	253.9	245.8	297.5	1,606.7	1,565.4	1,624.0
35 Albany-Schenectady-Troy.....	283.1	280.4	278.7	(1)	(1)	(1)	16.1	15.7	15.2	57.8	57.2	58.5
36 Binghamton.....	100.0	98.5	100.0	(1)	(1)	(1)	4.4	4.3	4.6	38.6	37.5	39.0
37 Buffalo.....	483.9	463.9	469.7	(1)	(1)	(1)	20.7	12.0	19.7	152.9	142.3	145.9
38 Elmira.....	37.9	35.8	37.2	(1)	(1)	(1)	3.3	2.7	2.3	13.5	13.1	14.3
39 Monroe County <sup>7</sup> .....	300.2	299.2	296.9	(1)	(1)	(1)	13.3	12.2	13.8	125.5	124.6	124.2
40 Nassau and Suffolk Counties <sup>8</sup> .....	736.2	739.1	720.2	(1)	(1)	(1)	37.6	36.6	42.1	140.1	138.5	139.7
41 New York-Northeastern New Jersey.....	(*)	6,450.7	6,499.0	(*)	3.4	3.8	(*)	217.3	261.2	(*)	1,478.0	1,542.8
42 New York SMSA <sup>6</sup> .....	4,643.1	4,629.0	4,686.4	2.5	2.5	2.3	144.4	143.2	185.1	906.0	879.8	926.4
43 New York City <sup>8</sup> .....	3,531.3	3,517.6	3,599.8	1.5	1.5	1.7	83.8	83.5	117.5	684.9	663.4	703.6
44 Rochester.....	342.4	340.7	339.0	(1)	(1)	(1)	14.2	13.1	14.9	140.7	138.8	139.6
45 Rochester County <sup>9</sup> .....	67.8	67.5	66.3	(1)	(1)	(1)	4.7	4.5	5.0	13.7	13.8	14.4
46 Syracuse.....	230.3	229.5	224.8	(1)	(1)	(1)	12.2	11.8	11.2	58.3	58.2	60.4
47 Utica-Rome.....	107.4	106.5	109.1	(1)	(1)	(1)	4.3	4.3	5.1	33.5	32.9	35.0
48 Westchester County <sup>9</sup> .....	307.7	304.8	300.1	(1)	(1)	(1)	18.3	18.6	20.4	67.3	64.1	68.6
49 NORTH CAROLINA.....	1,847.3	1,839.3	1,784.2	4.1	4.0	3.9	103.1	103.4	100.3	742.5	736.4	715.8
50 Asheville.....	-	-	-	-	-	-	-	-	-	20.9	20.6	19.4
51 Charlotte.....	190.3	189.8	184.5	(1)	(1)	(1)	13.3	13.2	12.3	44.0	43.7	42.5
52 Greensboro-Winston-Salem-High Point.....	273.5	273.6	268.6	(1)	(1)	(1)	13.6	13.9	13.8	114.9	114.4	112.6
53 Raleigh.....	-	-	-	-	-	-	-	-	-	14.6	14.5	14.5
54 NORTH DAKOTA.....	170.1	171.5	166.9	1.7	1.6	1.9	13.2	13.7	13.5	10.9	10.9	10.3
55 Fargo-Moorhead.....	41.9	42.1	41.1	.1	.1	.1	3.3	3.5	3.2	3.3	3.2	3.1
56 OHIO.....	3,872.6	3,862.2	3,809.3	23.7	23.6	22.7	159.2	156.4	162.4	1,330.9	1,314.8	1,314.6
57 Akron.....	243.7	244.3	241.1	.3	.3	.3	8.8	8.7	8.6	88.2	88.5	90.8
58 Canton.....	138.4	137.5	135.4	.4	.4	.4	4.5	4.6	4.8	57.7	56.4	56.9
59 Cincinnati.....	499.1	501.0	498.2	.4	.4	.4	21.3	20.5	20.8	150.7	151.1	155.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	
82.5	82.1	85.8	328.1	326.6	321.1	67.2	67.0	66.0	215.8	215.1	213.3	245.2	249.0	233.7	1
7.9	7.6	7.7	13.2	13.2	13.4	2.0	2.0	1.9	10.8	10.8	10.9	11.0	11.3	10.3	2
55.1	55.3	58.3	190.3	188.7	189.5	49.4	49.2	48.5	135.2	134.9	134.8	111.1	113.0	106.1	3
32.5	32.5	31.3	112.3	112.0	110.0	22.7	22.6	22.3	72.6	74.1	72.2	129.5	127.9	127.1	4
6.3	6.4	6.3	24.3	24.2	23.1	7.4	7.4	7.2	15.8	15.7	15.6	22.0	22.1	21.3	5
121.0	120.1	122.6	367.0	366.7	370.3	92.3	92.3	90.6	265.3	264.3	263.0	276.0	278.0	273.0	6
48.9	48.9	49.1	132.9	133.1	127.8	34.6	34.6	33.9	86.5	86.0	83.4	75.9	76.9	72.9	7
2.0	2.0	2.0	7.9	7.8	8.0	1.4	1.4	1.3	5.0	5.1	4.9	4.5	4.6	4.3	8
63.7	63.8	65.8	192.5	193.5	195.5	47.2	47.2	46.8	151.7	152.5	152.1	119.7	127.9	120.6	9
4.5	4.6	4.6	15.3	15.2	14.4	2.4	2.4	2.3	10.0	10.1	9.9	7.5	7.5	7.9	10
17.9	17.9	17.8	52.6	52.3	51.6	9.0	9.0	8.6	36.5	36.6	36.8	55.8	55.5	55.1	11
3.0	3.0	2.9	9.8	9.8	9.6	1.6	1.6	1.6	6.4	6.3	6.1	5.9	6.1	5.4	12
2.1	2.1	2.1	7.4	7.3	7.3	1.7	1.7	1.6	5.1	5.1	5.1	6.2	6.1	6.0	13
36.6	37.0	37.2	124.9	124.7	122.7	30.1	30.0	29.9	86.7	87.6	84.0	103.8	105.4	99.5	14
5.2	5.2	5.3	15.8	15.7	15.2	5.6	5.6	5.7	11.4	11.5	11.1	20.5	20.8	19.5	15
20.5	20.7	20.8	53.8	53.7	52.9	16.9	16.9	16.9	39.8	40.4	38.6	34.3	36.3	31.5	16
14.8	14.8	14.5	42.3	42.3	41.2	9.2	9.2	8.8	90.8	91.2	87.9	38.7	38.9	37.3	17
8.1	8.1	7.7	22.7	22.7	21.9	4.8	4.8	4.5	55.0	54.8	53.0	17.3	17.5	16.5	18
5.0	4.9	4.9	14.4	14.4	13.6	3.5	3.5	3.3	24.1	24.2	23.4	10.0	10.1	9.7	19
12.1	12.1	11.8	55.1	54.5	52.8	12.2	12.1	11.7	59.4	58.6	58.2	39.0	39.1	37.2	20
3.7	3.7	3.6	11.4	11.3	11.2	3.4	3.4	3.3	8.5	8.5	8.3	4.4	4.4	4.2	21
179.1	179.1	181.7	584.9	584.3	562.2	127.1	127.2	124.2	444.0	445.9	431.4	391.9	394.0	375.2	22
3.7	3.7	3.8	22.7	22.8	22.2	3.1	3.1	3.0	18.7	18.1	18.9	12.3	12.3	11.3	23
14.1	14.0	14.3	69.8	69.7	65.3	11.7	11.8	11.1	41.2	41.5	41.2	48.8	49.4	46.6	24
34.2	33.6	34.5	40.9	40.9	39.8	8.9	8.8	8.7	30.2	30.3	30.1	29.8	29.8	29.6	25
6.2	6.1	6.1	32.5	32.8	29.7	4.5	4.5	4.5	31.5	30.9	31.9	28.2	28.2	26.9	26
62.6	63.0	63.2	155.8	154.7	152.1	57.8	57.9	56.6	139.2	140.2	138.0	107.7	107.9	105.5	27
25.2	25.1	25.2	125.9	127.8	125.2	20.3	20.3	19.4	80.4	81.1	79.3	57.0	57.5	53.1	28
15.4	15.3	15.7	62.6	62.9	58.1	6.7	6.8	6.5	36.2	36.6	34.2	44.6	44.7	43.7	29
5.9	6.0	6.2	22.1	22.2	20.9	5.2	5.2	5.2	30.0	30.4	27.6	34.4	34.3	32.1	30
2.7	2.7	2.9	7.9	7.9	7.6	2.1	2.1	2.1	5.8	5.8	5.8	7.0	7.1	6.6	31
20.8	20.7	20.0	71.0	70.8	65.3	14.9	14.7	13.4	60.5	60.8	55.6	93.1	93.4	90.1	32
7.5	7.4	7.3	30.6	30.5	28.0	7.5	7.4	7.0	27.7	27.8	25.7	28.1	28.4	28.0	33
474.6	476.6	450.2	1,412.4	1,419.2	1,409.4	598.5	599.2	602.2	1,384.5	1,387.7	1,375.4	1,232.8	1,234.8	1,239.1	34
16.1	16.2	15.2	57.6	56.9	57.1	12.1	12.1	12.1	50.0	49.3	49.9	73.4	72.9	70.7	35
4.5	4.6	4.4	17.8	17.6	17.8	3.3	3.3	3.3	12.8	12.8	12.2	18.6	18.5	18.6	36
30.8	30.7	28.0	101.8	102.0	101.5	19.8	19.7	19.6	80.2	79.2	78.2	77.8	77.9	76.9	37
1.5	1.5	1.4	7.1	6.8	7.6	1.0	1.0	1.0	5.7	5.6	5.6	5.8	5.1	5.0	38
11.0	11.2	11.0	50.9	50.9	50.9	12.4	12.4	12.1	54.0	53.7	51.5	33.0	34.2	33.4	39
35.2	35.1	29.9	204.0	204.4	194.4	38.6	38.6	36.8	144.8	145.7	141.7	136.0	140.2	135.5	40
(*)	495.2	472.7	(*)	1,360.8	1,339.2	(*)	601.2	601.5	(*)	1,263.8	1,255.1	(*)	1,031.0	1,022.7	41
357.1	357.8	334.2	969.2	974.1	963.9	507.3	507.8	510.4	971.7	976.5	973.3	784.9	787.3	790.8	42
298.8	299.9	284.2	683.7	687.8	690.8	451.8	452.2	456.8	742.7	746.9	752.2	584.1	582.4	593.0	43
12.7	12.8	12.7	58.4	58.5	58.3	13.2	13.2	12.8	59.1	58.9	56.4	44.1	45.5	44.3	44
3.5	3.5	3.2	13.3	13.3	12.6	2.1	2.1	2.0	12.5	12.5	12.1	17.9	17.9	16.9	45
15.0	15.0	14.1	49.9	49.8	48.2	13.5	13.5	12.9	41.3	41.6	39.7	39.9	39.5	38.4	46
4.9	4.9	4.4	18.2	18.3	18.5	4.9	5.0	4.8	15.6	15.3	15.4	26.0	25.9	25.8	47
19.6	19.4	16.8	68.2	68.6	66.2	14.8	14.9	14.7	72.6	72.3	68.0	46.8	46.9	45.3	48
98.6	98.2	95.5	333.4	331.5	323.0	77.3	76.9	71.5	235.5	236.8	223.8	252.8	252.1	250.4	49
19.7	19.3	18.7	49.4	49.4	49.1	14.8	14.7	13.8	28.4	28.7	28.1	20.7	20.8	20.0	50
17.6	17.5	17.1	49.1	49.4	49.0	13.8	13.8	13.5	35.8	36.0	34.5	28.7	28.6	28.1	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
12.3	12.3	12.4	46.4	46.3	45.8	7.8	7.7	7.4	29.9	29.8	29.2	48.0	49.2	46.4	54
3.0	3.1	3.1	13.0	12.9	12.5	2.4	2.4	2.4	8.0	7.8	7.7	8.9	9.2	9.1	55
228.6	228.5	227.7	791.3	792.0	778.9	169.1	169.3	165.6	607.0	608.7	589.5	562.8	568.8	548.0	56
15.3	15.2	15.3	51.9	52.1	49.9	7.9	7.8	7.6	38.9	38.7	36.7	32.4	33.1	31.8	57
7.1	7.1	7.1	28.0	28.1	27.1	4.9	4.9	4.8	21.8	22.0	21.1	14.0	14.1	13.2	58
36.1	36.1	36.1	107.3	107.8	107.0	27.5	27.5	27.3	85.7	86.0	81.5	70.0	71.7	69.1	59

ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

80

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1972 <sup>p</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1971
1	OHIO—Continued												
2	Cleveland.....	841.2	840.0	821.5	1.7	1.7	1.5	30.8	30.4	31.9	270.1	266.7	265.9
3	Columbus.....	390.3	389.1	380.4	.8	.8	.8	19.7	19.4	19.9	84.1	83.3	84.0
4	Dayton.....	317.3	318.1	315.7	.5	.5	.5	12.0	11.9	12.4	113.1	112.6	111.6
5	Toledo.....	246.7	244.5	240.1	.5	.5	.4	10.7	10.4	9.4	80.6	78.1	78.8
6	Youngstown—Warren.....	201.1	200.9	193.9	.3	.3	.3	7.5	7.3	7.3	88.6	88.1	83.6
7	OKLAHOMA.....	809.5	807.8	782.8	36.9	37.0	37.0	45.8	45.2	41.8	137.4	136.6	132.1
8	Oklahoma City.....	274.7	274.2	267.9	6.6	6.6	6.7	16.3	16.3	15.3	39.3	38.9	38.0
9	Tulsa.....	188.0	187.9	183.9	13.8	13.8	13.6	10.3	10.3	9.6	40.2	40.2	39.3
10	OREGON.....	787.6	776.8	748.0	1.7	1.7	1.7	42.1	41.2	36.5	197.0	190.0	190.4
11	Eugene—Springfield.....	76.3	75.4	71.7	(1)	(1)	(1)	4.5	4.3	3.4	21.2	20.6	21.0
12	Portland.....	411.3	408.3	391.4	(1)	(1)	(1)	24.3	23.2	20.1	90.2	89.1	88.2
	Salem.....	66.4	62.2	63.4	(1)	(1)	(1)	3.5	3.4	3.1	17.9	13.8	17.4
13	PENNSYLVANIA.....	4,326.6	4,313.1	4,285.3	38.7	41.1	41.8	234.0	227.6	216.1	1,424.5	1,405.0	1,418.9
14	Allentown—Bethlehem—Easton.....	218.5	213.4	216.6	.6	.6	.6	9.7	9.5	9.2	100.4	95.6	98.8
15	Altoona.....	48.1	47.8	48.8	(1)	(1)	(1)	2.4	2.1	2.3	14.6	14.5	14.9
16	Delaware Valley <sup>9</sup> .....	1,524.0	1,523.2	1,501.5	1.2	1.2	1.2	83.4	78.2	76.5	434.7	431.8	436.6
17	Eric.....	100.1	99.7	98.8	(1)	(1)	(1)	3.8	3.8	4.0	44.2	43.5	43.7
18	Harrisburg.....	177.6	178.8	178.1	(1)	(1)	(1)	10.4	10.4	9.8	38.8	38.8	39.9
19	Johnstown.....	81.4	81.4	75.7	5.8	6.0	5.7	3.8	3.5	3.2	24.3	24.0	20.5
20	Lancaster.....	129.2	128.1	124.8	(1)	(1)	(1)	8.1	7.9	7.1	55.6	54.8	54.4
21	Philadelphia SMSA <sup>10</sup> .....	1,792.8	1,791.2	1,766.6	1.3	1.3	1.4	98.9	93.5	91.7	502.2	498.0	507.8
22	Philadelphia City.....	884.1	878.0	879.1	-	-	-	34.1	32.9	32.4	215.5	207.2	215.1
23	Pittsburgh.....	861.3	866.1	855.2	10.5	10.4	10.5	52.7	51.3	50.5	256.8	258.3	254.4
24	Reading.....	124.0	121.8	121.6	(1)	(1)	(1)	4.8	4.7	4.5	54.1	52.1	54.5
25	Scranton.....	87.7	87.0	87.5	.3	.3	.4	3.0	2.9	2.9	33.2	32.6	33.8
26	Wilkes-Barre—Hazleton.....	122.6	117.0	123.4	1.5	1.5	1.9	7.8	6.9	6.8	47.8	47.0	50.6
27	York.....	136.7	135.5	132.8	(1)	(1)	(1)	12.3	11.9	9.9	60.6	59.5	59.1
28	RHODE ISLAND.....	344.5	340.2	343.4	(1)	(1)	(1)	14.8	14.8	15.7	117.0	113.6	114.9
29	Providence—Warwick—Pawtucket.....	358.0	352.1	354.9	(1)	(1)	(1)	14.8	14.8	15.7	131.3	126.4	128.5
30	SOUTH CAROLINA.....	903.9	908.4	864.1	1.6	1.6	1.6	62.4	61.5	56.8	352.4	349.3	341.0
31	Charleston.....	89.3	90.2	89.8	(1)	(1)	(1)	6.7	6.7	6.6	13.3	13.1	13.8
32	Columbia.....	123.4	125.5	116.5	(1)	(1)	(1)	10.2	9.9	8.7	21.8	21.8	20.6
33	Greenville.....	130.1	129.2	124.6	(1)	(1)	(1)	9.3	9.4	9.2	57.9	57.2	54.9
34	SOUTH DAKOTA.....	182.1	181.9	181.9	2.3	2.2	2.3	9.2	9.1	9.2	18.3	18.2	16.6
35	Rapid City.....	21.7	21.4	20.5	.1	.1	.1	1.4	1.4	1.5	2.7	2.7	2.0
36	Sioux Falls.....	35.1	34.9	35.3	(1)	(1)	(1)	1.6	1.5	1.9	6.4	6.4	6.2
37	TENNESSEE.....	1,417.6	1,413.2	1,361.9	6.8	6.8	7.2	79.2	79.0	73.3	480.5	477.0	460.7
38	Chattanooga.....	134.5	134.1	132.1	.3	.3	.3	6.1	6.0	6.2	53.1	52.7	53.0
39	Knoxville.....	159.5	161.0	147.0	1.6	1.6	1.6	8.7	8.5	7.1	49.5	49.1	45.1
40	Memphis.....	294.7	293.7	284.8	.4	.3	.4	16.7	16.3	18.4	59.3	59.0	57.4
41	Nashville.....	230.0	229.6	224.2	(1)	(1)	(1)	13.5	13.7	13.4	60.7	60.6	57.4
42	TEXAS.....	3,786.3	3,783.3	3,671.5	102.6	103.0	103.1	250.6	250.5	228.3	724.6	723.1	711.9
43	Amarillo.....	51.1	51.2	52.0	(1)	(1)	(1)	2.8	2.8	2.9	6.9	6.9	7.4
44	Austin.....	127.6	128.2	120.1	(1)	(1)	(1)	10.1	10.2	9.1	13.2	13.0	12.6
45	Beaumont—Port Arthur—Orange.....	108.0	108.9	105.5	(1)	(1)	(1)	9.5	9.8	7.1	37.3	37.6	37.0
46	Corpus Christi.....	88.9	89.7	88.2	3.5	3.6	3.5	7.5	7.7	7.2	11.0	11.1	11.2
47	Dallas.....	683.8	685.0	660.8	8.5	8.5	8.5	42.3	42.3	38.8	149.5	149.4	145.4
48	El Paso.....	114.8	114.8	111.5	(1)	(1)	(1)	8.1	8.3	7.7	27.4	27.4	26.6
49	Fort Worth.....	257.2	253.8	248.7	1.2	1.2	1.2	13.0	13.0	12.0	70.3	66.9	68.4
50	Galveston—Texas City.....	56.4	56.8	54.1	(1)	(1)	(1)	4.0	4.0	2.8	10.9	10.9	11.2
51	Houston.....	817.3	819.1	787.7	30.6	30.9	30.3	73.4	73.8	71.6	145.3	146.3	145.5
52	Lubbock.....	58.8	58.6	55.4	(1)	(1)	(1)	3.7	3.7	4.0	7.4	7.6	7.7
53	San Antonio.....	275.9	276.0	270.2	1.4	1.3	1.2	16.4	16.4	15.2	34.5	34.4	33.5
54	Waco.....	50.4	50.4	49.7	(1)	(1)	(1)	3.2	3.1	3.1	12.4	12.4	11.9
55	Wichita Falls.....	37.1	37.2	36.6	2.1	2.1	2.2	1.4	1.5	1.3	5.3	5.2	4.9
56	UTAH.....	(*)	387.4	371.2	(*)	11.0	13.0	(*)	22.4	20.3	(*)	59.7	56.3
57	Salt Lake City.....	(*)	209.1	202.1	(*)	5.7	7.7	(*)	13.6	12.0	(*)	32.1	31.3
58	VERMONT.....	157.0	155.3	153.8	.9	.9	.9	10.7	10.2	10.7	39.1	38.4	38.4
59	Burlington.....	38.7	38.3	38.4	-	-	-	-	-	-	8.8	8.7	9.5
60	Springfield <sup>11</sup> .....	12.8	12.6	12.4	-	-	-	-	-	-	5.4	5.3	5.2

See footnotes at end of table.



ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Aug. 1972	July 1972	Aug. 1971	Aug. 1972	July 1972	Aug. 1971	Aug. 1972	July 1972	Aug. 1971	Aug. 1972	July 1972	Aug. 1971	Aug. 1972	July 1972	Aug. 1971	
50.3	50.3	50.0	181.7	182.3	180.0	43.8	43.8	43.8	143.8	144.8	139.0	119.0	120.0	109.3	1
22.6	22.4	22.0	84.4	83.9	81.7	28.0	28.1	26.9	72.0	72.2	68.7	78.7	79.0	76.4	2
12.6	12.8	12.7	59.9	60.1	60.7	10.4	10.5	9.9	52.8	52.6	50.7	55.9	57.0	57.2	3
17.6	17.6	17.6	53.8	53.4	53.2	8.5	8.5	8.2	42.2	42.6	40.5	32.7	33.4	31.8	4
10.6	10.4	10.3	38.7	39.2	38.1	6.2	6.2	5.9	29.4	29.5	28.6	19.7	20.0	19.7	5
53.7	53.9	53.0	182.8	181.5	176.4	41.0	40.9	39.3	127.6	127.4	121.5	184.3	185.3	181.7	6
17.9	17.8	17.5	64.5	64.5	61.3	18.1	18.1	17.3	41.6	41.5	40.5	70.4	70.5	71.3	7
16.3	16.2	16.2	44.2	44.1	43.0	10.2	10.2	9.9	34.0	34.0	33.2	19.0	19.1	19.1	8
50.3	50.6	48.8	181.0	179.3	170.1	39.5	38.9	37.3	126.3	125.4	120.0	149.7	149.7	143.2	9
4.5	4.6	4.3	16.4	16.2	15.0	3.4	3.3	3.0	10.8	10.8	9.8	15.5	15.6	15.2	10
30.4	30.5	29.2	100.0	99.4	95.4	26.8	26.6	25.4	75.2	75.0	71.3	64.4	64.5	61.8	11
2.1	2.1	2.1	12.6	12.5	11.8	3.2	3.2	3.1	8.2	8.2	7.6	18.9	19.0	18.3	12
260.8	258.8	261.5	836.3	836.5	837.4	201.5	202.2	198.2	708.3	713.0	705.3	622.5	628.9	606.1	13
11.7	11.6	12.0	37.8	37.8	37.2	6.7	6.7	7.0	29.6	29.6	30.2	22.0	22.0	21.6	14
6.8	6.8	7.1	9.7	9.6	9.7	1.3	1.3	1.3	6.8	6.9	7.2	6.5	6.6	6.3	15
90.8	91.1	91.0	299.4	301.2	298.8	93.5	94.2	95.2	290.1	293.5	282.0	230.9	232.0	220.2	16
6.1	6.1	5.8	18.2	18.1	17.9	3.8	3.8	3.6	13.3	13.4	13.3	10.7	11.0	10.5	17
13.7	13.7	13.9	36.2	36.4	35.9	9.7	9.7	9.4	25.9	25.8	26.3	42.9	44.0	42.9	18
5.2	5.3	5.4	14.7	14.6	13.9	2.3	2.3	2.2	12.5	12.8	12.5	12.8	12.9	12.3	19
5.2	5.3	5.4	26.6	26.4	25.4	3.4	3.3	3.2	19.9	19.8	19.2	10.4	10.6	10.1	20
104.9	105.1	105.3	369.3	370.9	364.2	105.2	106.0	106.3	331.3	335.0	323.2	279.7	281.4	266.7	21
66.5	66.7	65.6	170.0	170.9	172.0	72.2	72.7	72.2	167.4	168.5	168.2	158.4	159.1	153.6	22
56.8	57.1	57.0	177.2	178.2	176.4	38.8	38.7	38.5	161.4	163.5	161.3	107.1	108.6	106.6	23
5.8	5.9	6.2	21.7	21.7	20.4	4.9	5.0	5.0	18.0	18.0	17.4	14.7	14.4	13.6	24
4.8	4.8	4.9	17.4	17.3	17.5	2.8	2.8	2.7	15.6	15.9	15.3	10.6	10.4	10.0	25
6.8	6.8	6.7	21.6	20.6	21.5	4.5	4.5	4.5	15.7	14.1	16.0	16.9	15.6	15.4	26
5.9	5.9	5.9	25.7	25.7	25.2	3.0	3.0	3.2	15.4	15.5	16.1	13.8	14.0	13.4	27
15.7	15.6	15.6	71.2	70.7	71.0	16.3	16.3	15.9	56.6	56.5	57.1	52.9	52.7	53.2	28
15.6	15.5	15.7	74.3	73.8	73.2	16.3	16.3	15.8	55.4	55.3	56.0	50.3	50.0	50.0	29
39.8	39.5	39.2	157.1	155.9	149.3	34.0	33.8	31.6	99.0	99.0	95.6	157.6	167.8	149.0	30
5.7	5.4	6.1	18.4	18.4	18.4	3.9	3.9	3.9	11.3	11.3	10.9	30.0	31.4	30.1	31
7.5	7.5	7.2	24.2	24.1	23.7	8.0	8.0	7.6	16.8	16.4	16.5	34.9	37.8	32.2	32
5.5	5.5	5.3	22.5	22.4	22.3	5.0	5.0	4.9	16.6	16.6	15.9	13.3	13.1	12.1	33
10.1	10.1	10.7	47.0	46.9	46.9	7.8	7.7	7.5	34.1	33.8	34.7	53.3	53.9	54.0	34
1.6	1.6	1.5	5.8	5.8	6.0	.8	.8	.8	4.7	4.7	4.4	4.3	4.3	4.2	35
3.0	3.0	3.2	10.9	10.9	10.8	1.9	1.9	1.9	6.4	6.3	6.5	4.9	4.9	4.8	36
69.5	70.0	68.6	282.6	281.6	272.5	63.8	63.2	61.4	200.1	199.9	193.8	235.1	235.7	224.4	37
6.6	6.6	6.7	24.1	24.3	23.8	7.9	7.8	7.3	17.2	17.3	16.8	19.2	19.1	18.0	38
7.4	7.4	6.9	35.5	35.3	31.8	5.9	5.9	5.5	20.2	20.4	19.3	30.7	32.8	29.7	39
19.6	19.7	19.7	74.5	74.1	71.7	16.8	16.8	15.9	50.2	50.2	47.9	57.2	57.3	53.4	40
14.1	14.1	14.1	48.5	48.2	48.9	16.5	16.4	16.4	39.3	39.3	38.6	37.4	37.3	35.4	41
262.7	263.2	257.4	933.4	929.3	902.8	215.0	215.1	204.9	626.5	624.6	604.7	670.9	674.5	658.4	42
5.2	5.2	5.2	15.2	15.3	15.1	2.7	2.7	2.6	9.9	9.9	10.0	8.4	8.4	8.8	43
4.1	4.1	4.0	26.0	25.9	25.7	7.6	7.5	6.5	17.3	17.3	17.8	49.3	50.2	44.4	44
8.2	8.3	8.3	20.8	20.8	21.0	4.0	4.0	3.9	15.1	15.2	15.5	13.1	13.2	12.7	45
6.0	6.2	6.0	23.4	23.4	23.5	4.3	4.3	4.2	12.9	12.8	13.0	20.3	20.6	19.6	46
53.2	53.2	52.0	185.6	186.3	178.2	58.3	58.7	57.2	108.1	108.3	103.8	78.3	78.3	76.9	47
8.8	8.7	8.7	27.9	27.8	26.6	4.9	4.8	4.8	16.3	16.3	15.3	21.4	21.5	21.8	48
14.7	14.8	14.8	65.7	65.0	63.7	12.5	12.6	12.5	43.7	43.6	41.9	36.1	36.7	34.2	49
5.2	5.3	4.9	10.5	10.5	9.9	3.2	3.2	3.1	7.8	7.9	8.1	14.8	15.0	14.1	50
65.7	65.8	64.2	201.2	201.2	194.8	49.7	49.7	46.3	158.5	157.4	148.7	92.9	94.0	86.3	51
3.6	3.6	3.9	18.3	18.0	16.7	3.0	3.0	3.0	10.0	10.1	9.7	12.8	12.6	10.4	52
12.1	12.1	11.8	66.5	66.5	66.6	18.0	18.1	17.5	49.4	49.7	47.8	77.6	77.5	76.6	53
2.7	2.7	2.6	11.8	11.7	11.7	2.7	2.7	2.7	9.3	9.3	9.3	8.3	8.5	8.4	54
2.4	2.4	2.3	9.6	9.7	9.1	1.7	1.7	1.6	5.6	5.6	5.7	9.0	9.0	9.5	55
(*)	24.2	24.0	(*)	88.6	83.8	(*)	17.2	16.0	(*)	65.0	61.1	(*)	99.3	96.8	56
(*)	16.1	15.7	(*)	53.7	52.8	(*)	13.0	12.1	(*)	37.6	34.4	(*)	37.3	36.0	57
8.4	8.4	8.4	31.3	31.1	30.3	6.3	6.3	6.0	32.7	32.3	32.4	27.8	27.9	26.9	58
2.2	2.2	2.1	8.1	8.0	7.8	-	-	-	7.7	7.6	7.6	-	-	-	59
.8	.8	.8	2.1	2.1	2.0	-	-	-	2.0	1.9	1.9	-	-	-	60

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-7: Employees on nonagricultural payrolls**

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Aug. 1972 P	July 1972	Aug. 1971	Aug. 1972 P	July 1972	Aug. 1971	Aug. 1972 P	July 1972	Aug. 1971	Aug. 1972 P	July 1972	Aug. 1971
1	VIRGINIA <sup>3</sup>	1,556.5	1,552.5	1,508.2	17.1	16.9	16.3	107.4	107.0	105.7	383.3	379.1	363.0
2	Lynchburg	52.4	52.6	52.5	(1)	(1)	(1)	3.1	3.1	3.1	23.3	23.5	23.4
3	Newport News-Hampton	108.1	108.8	102.1	(1)	(1)	(1)	5.9	5.8	5.7	33.8	33.7	29.0
4	Norfolk-Virginia Beach-Portsmouth	210.4	210.2	206.9	(1)	(1)	(1)	15.8	15.4	15.6	19.2	19.0	19.6
5	Northern Virginia <sup>12</sup>	287.4	287.7	280.8	.4	.4	.4	24.3	24.0	22.1	10.4	10.3	10.6
6	Richmond	248.4	248.0	242.3	.2	.2	.2	15.3	15.9	15.4	51.4	50.7	49.9
7	Roanoke	86.7	86.4	85.2	.1	.1	.1	5.2	5.2	5.4	20.1	20.1	19.4
8	WASHINGTON	1,093.4	1,081.9	1,055.5	1.8	1.8	1.8	59.7	58.4	60.3	229.2	223.7	217.3
9	Seattle-Everett	493.1	491.5	479.1	(1)	(1)	(1)	22.3	21.8	22.2	107.7	106.6	102.4
10	Spokane	92.4	92.2	90.9	(1)	(1)	(1)	6.0	6.1	5.4	13.1	13.1	12.6
11	Tacoma	107.4	107.2	103.9	(1)	(1)	(1)	5.4	5.2	5.0	19.9	20.0	19.2
12	WEST VIRGINIA	524.7	533.6	534.2	55.2	55.3	55.4	33.3	33.1	33.4	121.8	121.0	123.8
13	Charleston	83.0	83.2	82.7	4.2	4.2	4.5	5.0	5.0	4.7	14.6	15.1	15.8
14	Huntington-Ashland	81.1	81.4	81.8	.7	.7	.7	3.7	3.6	3.6	26.4	26.3	26.6
15	Wheeling	59.9	60.1	58.9	5.5	5.6	5.5	3.2	3.1	3.4	15.6	15.4	15.1
16	WISCONSIN	1,578.0	1,571.3	1,546.8	2.8	2.9	2.8	66.8	66.7	68.7	507.0	497.8	495.4
17	Appleton-Oshkosh	99.9	99.9	97.8	(1)	(1)	(1)	3.9	3.9	4.5	39.8	39.7	38.4
18	Green Bay	58.7	58.0	57.2	(1)	(1)	(1)	3.1	3.0	2.7	18.7	18.4	18.2
19	Kenosha	36.1	36.0	35.1	(1)	(1)	(1)	1.3	1.4	1.4	15.4	15.2	15.3
20	La Crosse	30.5	30.3	29.6	(1)	(1)	(1)	1.3	1.3	.9	8.7	8.4	8.5
21	Madison	121.7	122.6	119.6	(1)	(1)	(1)	6.5	6.6	7.4	15.7	15.5	15.5
22	Milwaukee	569.9	568.6	562.6	(1)	(1)	(1)	22.4	22.1	22.5	197.6	196.0	195.2
23	Racine	56.0	55.8	53.3	(1)	(1)	(1)	1.9	1.9	1.9	24.8	24.4	22.8
24	WYOMING	124.7	123.9	118.2	13.0	12.8	11.9	11.8	11.5	9.8	7.2	7.2	7.4
25	Casper	20.9	21.3	20.9	3.1	3.2	3.1	1.9	2.0	1.7	1.6	1.6	1.8
26	Cheyenne	19.4	19.6	19.1	(1)	(1)	(1)	1.2	1.3	1.2	1.1	1.1	1.0

1 Combined with services.  
2 Combined with construction.  
3 Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for District of Columbia.  
4 Area included in Chicago-Northwestern Indiana Standard Consolidated Area.  
5 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
6 Area included in New York-Northeastern New Jersey Standard Consolidated Area.  
7 Subarea of Rochester Standard Metropolitan Statistical Area.  
8 Subarea of New York Standard Metropolitan Statistical Area.  
9 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.  
10 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.  
11 Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
12 Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.  
p= preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

for States and selected areas, by industry division--Continued

(In thousands)

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
Aug. 1972 P	July 1972	Aug. 1971	Aug. 1972 P	July 1972	Aug. 1971	Aug. 1972 P	July 1972	Aug. 1971	Aug. 1972 P	July 1972	Aug. 1971	Aug. 1972 P	July 1972	Aug. 1971	
100.8	100.7	100.1	320.9	318.8	313.9	77.9	77.7	72.8	239.2	239.8	231.6	309.9	312.5	304.8	1
2.6	2.6	2.6	8.6	8.5	8.6	2.2	2.2	2.2	6.8	6.8	6.7	5.8	5.9	5.9	2
3.8	3.9	3.8	18.4	18.5	17.0	3.4	3.4	3.2	13.7	13.5	13.1	29.1	30.0	30.3	3
16.6	16.6	16.4	51.6	51.8	50.5	10.5	10.6	10.3	36.1	36.1	32.8	60.6	60.7	61.7	4
21.5	21.8	21.6	67.6	67.1	64.7	19.2	19.3	17.7	52.2	52.4	51.7	91.8	92.4	92.0	5
18.9	18.9	18.5	55.7	55.4	54.5	19.6	19.6	19.2	37.9	37.4	36.6	49.4	49.9	48.0	6
10.9	10.7	10.7	19.6	19.5	19.5	4.6	4.6	4.5	14.4	14.4	14.2	11.8	11.8	11.4	7
70.9	70.1	69.3	245.5	241.8	236.4	61.6	61.3	58.4	178.6	177.7	173.3	246.1	247.1	238.7	8
37.4	37.3	37.5	112.3	112.1	111.1	35.2	35.2	34.3	82.3	82.1	80.3	95.9	96.4	91.3	9
7.1	7.0	7.4	24.8	24.5	24.0	5.7	5.6	5.4	19.2	19.1	18.8	16.5	16.8	17.3	10
6.3	6.0	5.9	23.2	23.1	23.0	5.6	5.6	6.0	19.0	19.1	18.3	28.0	28.2	26.5	11
40.7	40.7	42.1	96.8	96.7	97.3	16.5	16.6	16.3	67.6	69.0	67.7	92.8	101.3	98.3	12
8.6	8.6	8.7	19.3	19.1	18.8	4.1	4.1	4.0	13.1	13.0	12.9	14.1	14.0	13.4	13
6.9	6.9	7.6	17.2	17.1	17.0	2.9	2.9	2.9	10.8	11.1	11.0	12.5	12.8	12.5	14
3.8	3.9	3.8	12.6	12.6	12.2	2.3	2.3	2.3	10.2	10.2	10.0	6.7	7.0	6.6	15
81.0	81.2	80.7	345.9	344.7	335.5	65.3	65.3	63.1	247.4	247.2	241.0	261.7	265.6	259.6	16
4.3	4.3	4.2	21.0	20.8	20.7	3.7	3.7	3.6	13.9	13.9	13.4	13.3	13.5	12.9	17
5.1	5.0	4.9	13.7	13.7	13.9	1.6	1.6	1.5	9.1	9.1	8.7	7.4	7.6	7.2	18
1.3	1.3	1.2	7.0	7.0	6.7	.7	.7	.7	5.6	5.5	5.3	4.8	4.9	4.6	19
2.2	2.2	2.2	7.4	7.4	7.2	.7	.7	.7	5.9	5.9	6.0	4.4	4.5	4.3	20
5.4	5.4	5.2	26.1	26.0	24.9	6.9	6.8	6.5	18.7	18.7	17.9	42.4	43.6	42.2	21
30.2	30.2	30.4	122.2	121.7	119.8	29.8	29.6	29.0	93.3	93.7	92.0	74.6	75.2	73.8	22
1.9	1.9	1.9	10.0	10.0	9.8	1.6	1.6	1.6	8.1	8.1	8.0	7.8	7.9	7.3	23
10.8	11.0	10.8	27.8	27.4	26.5	3.8	3.8	3.7	19.5	19.1	19.7	30.8	31.1	28.4	24
1.8	1.8	1.8	5.0	5.2	5.2	1.0	1.0	.9	2.9	2.9	3.0	3.6	3.6	3.4	25
2.5	2.6	2.6	4.5	4.4	4.1	.9	.9	1.0	3.3	3.3	3.4	5.9	6.0	5.8	26

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**C-1: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, 1947 to date**

Year and month	Average												Hourly earnings excl. overtime
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	
	Total private <sup>1</sup>			Mining			Contract construction			Manufacturing			
1947	\$45.58	40.3	\$1.131	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$49.17	40.4	\$1.217	\$1.18
1948	49.00	40.0	1.225	65.56	39.4	1.664	65.27	38.1	1.713	53.12	40.0	1.328	1.29
1949	50.24	39.4	1.275	62.33	36.3	1.717	67.56	37.7	1.792	53.88	39.1	1.378	1.34
1950	53.13	39.8	1.335	67.16	37.9	1.772	69.68	37.4	1.863	58.32	40.5	1.440	1.39
1951	57.86	39.9	1.45	74.11	38.4	1.93	76.96	38.1	2.02	63.34	40.6	1.56	1.51
1952	60.65	39.9	1.52	77.59	38.6	2.01	82.86	38.9	2.13	67.16	40.7	1.65	1.59
1953	63.76	39.6	1.61	83.03	38.8	2.14	86.41	37.9	2.28	70.47	40.5	1.74	1.68
1954	64.52	39.1	1.65	82.60	38.6	2.14	88.91	37.2	2.39	70.49	39.6	1.78	1.73
1955	67.72	39.6	1.71	89.54	40.7	2.20	90.90	37.1	2.45	75.70	40.7	1.86	1.79
1956	70.74	39.3	1.80	95.06	40.8	2.33	96.38	37.5	2.57	78.78	40.4	1.95	1.89
1957	73.33	38.8	1.89	98.65	40.1	2.46	100.27	37.0	2.71	81.59	39.8	2.05	1.99
1958	75.08	38.5	1.95	96.08	38.9	2.47	103.78	36.8	2.82	82.71	39.2	2.11	2.05
1959 <sup>2</sup>	78.78	39.0	2.02	103.68	40.5	2.56	108.41	37.0	2.93	88.26	40.3	2.19	2.12
1960	80.67	38.6	2.09	105.44	40.4	2.61	113.04	36.7	3.08	89.72	39.7	2.26	2.20
1961	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32	2.25
1962	85.91	38.7	2.22	110.43	40.9	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.63	40.5	2.46	2.37
1964	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.44
1965	95.06	38.8	2.45	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.51
1966	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.34	41.3	2.72	2.59
1967	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.90	40.6	2.83	2.72
1968	107.73	37.8	2.85	142.71	42.6	3.35	164.93	37.4	4.41	122.51	40.7	3.01	2.88
1969	114.61	37.7	3.04	155.23	43.0	3.61	181.54	37.9	4.79	129.51	40.6	3.19	3.06
1970	119.46	37.1	3.22	164.40	42.7	3.85	195.98	37.4	5.24	133.73	39.8	3.36	3.24
1971	126.91	37.0	3.43	171.74	42.3	4.06	212.24	37.3	5.69	142.04	39.9	3.56	3.44
1971: Sept.	129.50	37.0	3.50	175.14	42.1	4.16	215.13	36.9	5.83	143.28	39.8	3.60	3.46
1971: Oct.	129.50	37.0	3.50	167.78	42.8	3.92	224.23	38.2	5.87	143.60	40.0	3.59	3.46
1971: Nov.	129.13	37.0	3.49	166.24	42.3	3.93	222.47	37.9	5.87	144.32	40.2	3.59	3.46
1971: Dec.	131.30	37.3	3.52	182.76	42.7	4.28	214.76	36.4	5.90	150.18	40.7	3.69	3.55
1972: Jan.	130.29	36.7	3.55	184.02	42.4	4.34	213.37	35.8	5.96	147.26	39.8	3.70	3.58
1972: Feb.	131.01	36.8	3.56	181.43	41.9	4.33	214.20	36.0	5.95	149.17	40.1	3.72	3.59
1972: Mar.	132.10	36.9	3.58	182.30	42.2	4.32	218.59	36.8	5.94	150.72	40.3	3.74	3.60
1972: Apr.	133.57	37.0	3.61	184.86	42.4	4.36	218.14	36.6	5.96	152.28	40.5	3.76	3.62
1972: May	133.58	36.9	3.62	183.16	42.3	4.33	221.17	36.8	6.01	153.09	40.5	3.78	3.63
1972: June	135.76	37.4	3.63	186.62	43.0	4.34	223.34	37.6	5.94	155.01	40.9	3.79	3.63
1972: July	136.86	37.6	3.64	184.44	42.4	4.35	225.88	37.9	5.96	152.71	40.4	3.78	3.63
1972: Aug.	137.24	37.6	3.65	186.60	42.7	4.37	229.96	38.2	6.02	154.28	40.6	3.80	3.64
1972: Sept.	138.75	37.4	3.71	192.70	43.4	4.44	235.16	38.3	6.14	157.47	40.9	3.85	3.68

Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services		
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings
1947	-	-	-	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140	-	-	-
1948	-	-	-	40.80	40.4	1.010	45.48	37.9	1.200	-	-	-
1949	-	-	-	42.93	40.5	1.060	47.63	37.8	1.260	-	-	-
1950	-	-	-	44.55	40.5	1.100	50.52	37.7	1.340	-	-	-
1951	-	-	-	47.79	40.5	1.18	54.67	37.7	1.45	-	-	-
1952	-	-	-	49.20	40.0	1.23	57.08	37.8	1.51	-	-	-
1953	-	-	-	51.35	39.5	1.30	59.57	37.7	1.58	-	-	-
1954	-	-	-	53.33	39.5	1.35	62.04	37.6	1.65	-	-	-
1955	-	-	-	55.16	39.4	1.40	63.92	37.6	1.70	-	-	-
1956	-	-	-	57.48	39.1	1.47	65.68	36.9	1.78	-	-	-
1957	-	-	-	59.60	38.7	1.54	67.53	36.7	1.84	-	-	-
1958	-	-	-	61.76	38.6	1.60	70.12	37.1	1.89	-	-	-
1959 <sup>2</sup>	-	-	-	64.41	38.8	1.66	72.74	37.3	1.95	-	-	-
1960	-	-	-	66.01	38.6	1.71	75.14	37.2	2.02	-	-	-
1961	-	-	-	67.41	38.3	1.76	77.12	36.9	2.09	-	-	-
1962	-	-	-	69.91	38.2	1.83	80.94	37.3	2.17	-	-	-
1963	-	-	-	72.01	38.1	1.89	84.38	37.5	2.25	-	-	-
1964	\$118.37	41.1	\$2.88	74.28	37.9	1.96	85.79	37.3	2.30	\$69.84	36.0	\$1.94
1965	125.14	41.3	3.03	76.53	37.7	2.03	88.91	37.2	2.39	73.60	35.9	2.05
1966	128.13	41.2	3.11	79.02	37.1	2.13	92.13	37.3	2.47	77.04	35.5	2.17
1967	131.22	40.5	3.24	81.76	36.5	2.24	95.46	37.0	2.58	80.38	35.1	2.29
1968	138.85	40.6	3.42	86.40	36.0	2.40	101.75	37.0	2.75	84.32	34.7	2.43
1969	148.15	40.7	3.64	91.14	35.6	2.56	108.70	37.1	2.93	90.57	34.7	2.61
1970	155.93	40.5	3.85	95.66	35.3	2.71	113.34	36.8	3.08	96.66	34.4	2.81
1971	168.84	40.2	4.20	100.74	35.1	2.87	121.36	37.0	3.28	102.94	34.2	3.01
1971: Sept.	176.66	40.8	4.33	102.08	35.2	2.90	121.77	36.9	3.30	104.35	34.1	3.06
1971: Oct.	174.12	40.4	4.31	101.50	35.0	2.90	122.80	37.1	3.31	104.35	34.1	3.06
1971: Nov.	175.39	40.6	4.32	101.56	34.9	2.91	122.10	37.0	3.30	104.04	34.0	3.06
1971: Dec.	178.64	40.6	4.40	103.31	35.5	2.91	123.58	37.0	3.34	105.68	34.2	3.09
1972: Jan.	177.11	39.8	4.45	103.06	34.7	2.97	126.82	37.3	3.40	105.77	33.9	3.12
1972: Feb.	179.69	40.2	4.47	103.11	34.6	2.98	126.14	37.1	3.40	106.42	34.0	3.13
1972: Mar.	180.90	40.2	4.50	103.70	34.8	2.98	126.14	37.1	3.40	106.76	34.0	3.14
1972: Apr.	181.55	39.9	4.55	104.40	34.8	3.00	128.69	37.3	3.45	107.44	34.0	3.16
1972: May	184.17	40.3	4.57	104.05	34.8	2.99	126.91	37.0	3.43	106.47	33.8	3.15
1972: June	186.86	40.8	4.58	106.50	35.5	3.00	127.60	37.2	3.43	107.39	34.2	3.14
1972: July	189.66	40.7	4.66	108.36	36.0	3.01	129.03	37.4	3.45	109.27	34.8	3.14
1972: Aug.	190.48	40.7	4.68	108.00	36.0	3.00	127.97	37.2	3.44	108.68	34.5	3.15
1972: Sept.	191.23	40.6	4.71	106.70	35.1	3.04	127.65	37.0	3.45	109.76	34.3	3.20

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>2</sup> Data include Alaska and Hawaii 1959.

<sup>3</sup> Prior to January 1956, data were based on the application of adjustment factors to gross average

hourly earnings. (See Technical Note.)

p= preliminary.

**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971
	<b>TOTAL PRIVATE</b> .....	\$138.75	\$137.24	\$136.86	\$129.50	\$129.03	\$3.71	\$3.65	\$3.64	\$3.50	\$3.45
	<b>MINING</b> .....	192.70	186.60	184.44	175.14	173.44	4.44	4.37	4.35	4.16	4.11
10	<b>METAL MINING</b> .....	-	188.07	184.99	180.04	170.71	-	4.51	4.49	4.37	4.30
101	Iron ores.....	-	180.18	192.01	183.92	155.21	-	4.46	4.55	4.53	4.46
102	Copper ores.....	-	193.75	189.14	189.08	188.16	-	4.68	4.67	4.47	4.48
11,12	<b>COAL MINING</b> .....	-	210.60	200.85	188.81	191.09	-	5.20	(*)	4.78	4.73
12	Bituminous coal and lignite mining...	-	212.22	202.26	190.39	192.71	-	5.24	(*)	4.82	4.77
13	<b>OIL AND GAS EXTRACTION</b> .....	-	170.34	173.60	163.11	161.45	-	3.98	4.00	3.82	3.79
131,2	Crude petroleum and natural gas fields...	-	177.32	185.89	174.70	171.39	-	4.40	4.49	4.23	4.17
138	Oil and gas field services.....	-	165.54	164.86	154.70	154.26	-	3.72	3.68	3.54	3.53
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b>	-	186.19	183.08	173.50	173.50	-	4.03	3.98	3.83	3.78
142	Crushed and broken stone.....	-	188.81	186.44	174.09	176.38	-	3.95	3.95	3.76	3.69
	<b>CONTRACT CONSTRUCTION</b> .....	235.16	229.96	225.88	215.13	220.03	6.14	6.02	5.96	5.83	5.73
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	-	214.39	208.57	199.72	202.40	-	5.81	5.73	5.61	5.53
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	-	232.23	227.64	215.33	224.03	-	5.49	5.42	5.33	5.21
161	Highway and street construction.....	-	232.14	226.46	216.84	222.26	-	5.30	5.23	5.20	5.04
162	Heavy construction, n.e.c.....	-	231.74	228.17	214.27	225.30	-	5.68	5.62	5.48	5.39
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	239.30	235.52	224.28	228.04	-	6.45	6.40	6.23	6.13
171	Plumbing, heating, air conditioning...	-	248.03	245.97	232.36	235.74	-	6.51	6.49	6.28	6.22
172	Painting, paper hanging, decorating...	-	210.27	203.70	196.54	198.49	-	5.89	5.82	5.73	5.56
173	Electrical work.....	-	274.56	268.66	250.86	257.85	-	7.15	7.07	6.78	6.68
174	Masonry, stonework, and plastering...	-	220.00	215.80	207.47	209.05	-	6.34	6.31	6.12	5.99
176	Roofing and sheetmetal work.....	-	197.33	193.46	182.91	190.08	-	5.77	5.69	5.46	5.40
	<b>MANUFACTURING</b> .....	157.47	154.28	152.71	143.28	141.69	3.85	3.80	3.78	3.60	3.56
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	170.15	166.04	164.01	152.80	151.20	4.10	4.04	4.01	3.82	3.78
20-23,26-31	<b>NONDURABLE GOODS</b> .....	140.40	138.80	138.16	130.75	129.17	3.51	3.47	3.48	3.31	3.27
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	175.96	175.50	171.38	162.99	161.80	4.15	4.11	4.10	3.89	3.88
192	Ammunition, except for small arms...	173.01	172.98	170.08	155.77	157.32	4.09	4.07	4.04	3.79	3.80
1925	Complete guided missiles.....	-	196.24	199.35	184.46	185.33	-	4.46	4.50	4.32	4.32
1929	Ammunition, exc. for small arms, nec	-	152.44	144.32	133.27	134.67	-	3.70	3.59	3.34	3.35
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	138.43	138.28	136.94	130.41	129.60	3.36	3.34	3.34	3.22	3.20
242	Sawmills and planing mills.....	133.81	132.89	132.11	125.86	127.41	3.24	3.21	3.23	3.10	3.10
2421	Sawmills and planing mills, general...	-	137.37	136.61	130.24	131.84	-	3.31	3.34	3.20	3.20
243	Millwork, plywood & related products...	146.78	146.30	145.18	139.33	139.18	3.52	3.50	3.49	3.39	3.37
2431	Millwork.....	-	138.92	137.42	133.39	134.15	-	3.43	3.41	3.31	3.28
2432	Veneer and plywood.....	-	148.67	148.40	140.27	140.69	-	3.49	3.50	3.38	3.39
244	Wooden containers.....	105.06	107.20	104.02	97.54	97.41	2.68	2.68	2.64	2.54	2.53
2441,2	Wooden boxes, shooks, and crates...	-	103.74	101.77	93.84	94.71	-	2.60	2.57	2.45	2.46
249	Miscellaneous wood products.....	119.65	118.40	117.55	113.16	112.20	2.89	2.86	2.86	2.76	2.75
25	<b>FURNITURE AND FIXTURES</b> .....	128.23	125.87	121.60	118.00	118.78	3.12	3.07	3.04	2.95	2.94
251	Household furniture.....	119.14	118.32	114.51	111.20	111.63	2.92	2.90	2.87	2.78	2.77
2511	Wood household furniture.....	-	113.30	109.62	104.00	105.56	-	2.73	2.70	2.60	2.60
2512	Upholstered household furniture.....	-	122.80	118.17	119.20	117.81	-	3.07	3.03	2.98	2.96
2515	Mattresses and bedsprings.....	-	127.92	124.80	124.09	122.31	-	3.19	3.20	3.11	3.05
252	Office furniture.....	-	151.63	142.55	143.45	141.44	-	3.51	3.46	3.44	3.40
254	Partitions and fixtures.....	-	156.53	151.55	143.60	146.42	-	3.79	3.77	3.59	3.58
253,9	Other furniture and fixtures.....	(*)	135.20	133.33	124.73	124.74	(*)	3.33	3.35	3.19	3.15
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	167.98	167.11	165.45	157.13	158.20	3.99	3.96	3.93	3.75	3.74
321	Flat glass.....	-	205.73	200.93	200.07	192.98	-	4.91	4.83	4.61	4.53
322	Glass and glassware, pressed or blown	(*)	161.20	162.00	153.90	154.57	(*)	3.99	4.00	3.80	3.77
3221	Glass containers.....	-	171.38	171.80	158.39	163.86	-	4.18	4.17	3.94	3.92
3229	Pressed and blown glass, n.e.c.....	-	146.94	148.50	146.83	140.54	-	3.72	3.75	3.59	3.54
324	Cement, hydraulic.....	(*)	219.03	218.40	209.95	201.96	(*)	5.24	5.20	4.94	4.82
325	Structural clay products.....	133.22	132.92	131.33	123.30	121.77	3.21	3.18	3.18	3.00	2.97
3251	Brick and structural clay tile.....	-	127.14	125.88	119.28	119.14	-	3.02	2.99	2.84	2.81
326	Pottery and related products.....	-	134.64	135.66	126.39	127.47	-	3.40	3.40	3.30	3.26
327	Concrete, gypsum, and plaster products	(*)	184.46	180.59	170.23	175.44	(*)	4.09	4.04	3.86	3.89
328,9	Other stone and nonmetallic mineral products	(*)	162.66	161.46	150.84	150.79	(*)	3.91	3.90	3.67	3.66
3291	Abrasive products.....	-	157.58	159.59	139.12	139.13	-	4.02	4.03	3.70	3.72

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971
-	<b>TOTAL PRIVATE . . . . .</b>	37.4	37.6	37.6	37.0	37.4	-	-	-	-	-
-	<b>MINING . . . . .</b>	43.4	42.7	42.4	42.1	42.2	-	-	-	-	-
10	METAL MINING . . . . .	-	41.7	41.2	41.2	39.7	-	-	-	-	-
101	Iron ores . . . . .	-	40.4	42.2	40.6	34.8	-	-	-	-	-
102	Copper ores . . . . .	-	41.4	40.5	42.3	42.0	-	-	-	-	-
11,12	COAL MINING . . . . .	-	40.5	(*)	39.5	40.4	-	-	-	-	-
12	Bituminous coal and lignite mining . .	-	40.5	(*)	39.5	40.4	-	-	-	-	-
13	OIL AND GAS EXTRACTION . . . . .	-	42.8	43.4	42.7	42.6	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.3	41.4	41.3	41.1	-	-	-	-	-
138	Oil and gas field services . . . . .	-	44.5	44.8	43.7	43.7	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	46.2	46.0	45.3	45.9	-	-	-	-	-
142	Crushed and broken stone . . . . .	-	47.8	47.2	46.3	47.8	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION . . . . .</b>	38.3	38.2	37.9	36.9	38.4	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS . . .	-	36.9	36.4	35.6	36.6	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS . .	-	42.3	42.0	40.4	43.0	-	-	-	-	-
161	Highway and street construction . . .	-	43.8	43.3	41.7	44.1	-	-	-	-	-
162	Heavy construction, n e c . . . . .	-	40.8	40.6	39.1	41.8	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS . . . . .	-	37.1	36.8	36.0	37.2	-	-	-	-	-
171	Plumbing, heating, air conditioning . .	-	38.1	37.9	37.0	37.9	-	-	-	-	-
172	Painting, paper hanging, decorating . .	-	35.7	35.0	34.3	35.7	-	-	-	-	-
173	Electrical work . . . . .	-	38.4	38.0	37.0	38.6	-	-	-	-	-
174	Masonry, stonework, and plastering . .	-	34.7	34.2	33.9	34.9	-	-	-	-	-
176	Roofing and sheet metal work . . . . .	-	34.2	34.0	33.5	35.2	-	-	-	-	-
-	<b>MANUFACTURING . . . . .</b>	40.9	40.6	40.4	39.8	39.8	3.8	3.5	3.3	3.1	3.0
19,24,25,32-39	<b>DURABLE GOODS . . . . .</b>	41.5	41.1	40.9	40.0	40.0	4.0	3.6	3.4	3.0	2.8
20-23,26-31	<b>NONDURABLE GOODS . . . . .</b>	40.0	40.0	39.7	39.5	39.5	3.6	3.4	3.3	3.4	3.2
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES . . . . .	42.7	42.7	41.8	41.9	41.7	-	3.5	3.1	2.7	2.6
192	Ammunition, except for small arms . .	42.3	42.5	42.1	41.1	41.4	-	3.5	3.0	2.4	2.5
1925	Complete guided missiles . . . . .	-	44.0	44.3	42.7	42.9	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	41.2	40.2	39.9	40.2	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	41.2	41.4	41.0	40.5	40.5	-	4.3	4.3	3.9	3.9
242	Sawmills and planing mills . . . . .	41.3	41.4	40.9	40.6	41.1	-	4.4	4.7	4.1	4.2
2421	Sawmills and planing mills, general . .	-	41.5	40.9	40.7	41.2	-	-	-	-	-
243	Millwork, plywood & related products . .	41.7	41.8	41.6	41.1	41.3	-	4.5	4.3	4.0	4.1
2431	Millwork . . . . .	-	40.5	40.3	40.3	40.9	-	-	-	-	-
2432	Veneer and plywood . . . . .	-	42.6	42.4	41.5	41.5	-	-	-	-	-
244	Wooden containers . . . . .	39.2	40.0	39.4	38.4	38.5	-	3.2	3.5	2.7	2.7
2441,2	Wooden boxes, shooks, and crates . . .	-	39.9	39.6	38.3	38.5	-	-	-	-	-
249	Miscellaneous wood products . . . . .	41.4	41.4	41.1	41.0	40.8	-	4.2	3.9	3.8	3.7
25	FURNITURE AND FIXTURES . . . . .	41.1	41.0	40.0	40.0	40.4	-	3.6	3.1	3.0	3.0
251	Household furniture . . . . .	40.8	40.8	39.9	40.0	40.3	-	3.5	2.9	2.8	2.9
2511	Wood household furniture . . . . .	-	41.5	40.6	40.0	40.6	-	3.9	3.2	2.9	3.0
2512	Upholstered household furniture . . . .	-	40.0	39.0	40.0	39.8	-	-	-	-	-
2515	Mattresses and bedspings . . . . .	-	40.1	39.0	39.9	40.1	-	-	-	-	-
252	Office furniture . . . . .	-	43.2	41.2	41.7	41.6	-	4.7	4.0	4.1	3.9
254	Partitions and fixtures . . . . .	-	41.3	40.2	40.0	40.9	-	4.3	3.8	3.4	3.6
253,9	Other furniture and fixtures . . . . .	(*)	40.6	39.8	39.1	39.6	-	3.2	2.8	2.8	2.9
32	STONE, CLAY, AND GLASS PRODUCTS . .	42.1	42.2	42.1	41.9	42.3	-	5.1	5.0	5.0	5.0
321	Flat glass . . . . .	-	41.9	41.6	43.4	42.6	-	4.9	4.1	5.4	4.5
322	Glass and glassware, pressed or blown	(*)	40.4	40.5	40.5	41.0	-	4.2	4.8	5.3	4.8
3221	Glass containers . . . . .	-	41.0	41.2	40.2	41.8	-	-	-	-	-
3229	Pressed and blown glass, n e c . . . . .	-	39.5	39.6	40.9	39.7	-	3.1	4.3	5.1	3.1
324	Cement, hydraulic . . . . .	(*)	41.8	42.0	42.5	41.9	-	3.0	3.2	3.6	3.1
325	Structural clay products . . . . .	41.5	41.8	41.3	41.1	41.0	-	4.6	4.4	4.0	4.0
3251	Brick and structural clay tile . . . . .	-	42.1	42.1	42.0	42.4	-	-	-	-	-
326	Pottery and related products . . . . .	-	39.6	39.9	38.3	39.1	-	2.6	2.4	2.4	2.3
327	Concrete, gypsum and plaster products . . . . .	(*)	45.1	44.7	44.1	45.1	-	7.4	7.2	6.5	7.4
328,9	Other stone and nonmetallic mineral products . . . . .	(*)	41.6	41.4	41.1	41.2	-	4.3	3.9	4.0	3.8
3291	Abrasive products . . . . .	-	39.2	39.6	37.6	37.4	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971
	<i>Durable Goods--Continued</i>										
33	<b>PRIMARY METAL INDUSTRIES .....</b>	\$198.13	\$195.10	\$192.10	\$171.43	\$166.06	\$4.74	\$4.69	\$4.64	\$4.34	\$4.28
331	Blast furnace and basic steel products ..	(*)	210.63	207.92	181.16	170.38	(*)	5.10	5.01	4.73	4.63
3312	Blast furnaces and steel mills .....	-	214.02	211.04	184.30	171.95	-	5.22	5.11	4.85	4.75
332	Iron and steel foundries .....	(*)	179.26	176.32	162.81	162.41	(*)	4.33	4.29	4.05	4.03
3321	Gray iron foundries .....	-	180.96	177.16	165.24	164.84	-	4.35	4.30	4.07	4.05
3322	Malleable iron foundries .....	-	193.73	191.40	177.05	172.00	-	4.58	4.59	4.35	4.30
3323	Steel foundries .....	-	168.08	166.87	150.15	152.47	-	4.15	4.11	3.86	3.86
333,4	Nonferrous metals .....	(*)	189.87	187.26	173.89	171.39	(*)	4.51	4.48	4.17	4.16
3334	Primary aluminum .....	-	213.45	209.30	189.07	185.93	-	5.07	5.08	4.68	4.66
335	Nonferrous rolling and drawing .....	(*)	184.90	181.44	165.60	163.58	(*)	4.32	4.32	4.00	3.98
3351	Copper rolling and drawing .....	-	184.82	178.08	159.86	165.78	-	4.21	4.19	3.88	3.91
3352	Aluminum rolling and drawing .....	-	190.06	190.42	173.46	169.74	-	4.42	4.47	4.20	4.14
3357	Nonferrous wire drawing and insulating ..	-	181.04	176.80	162.18	159.12	-	4.29	4.25	3.88	3.90
336	Nonferrous foundries .....	(*)	163.51	157.57	142.78	144.57	(*)	3.94	3.91	3.68	3.66
3361	Aluminum castings .....	-	162.00	161.20	145.49	146.55	-	4.01	4.02	3.74	3.71
3362,9	Other nonferrous castings .....	-	165.25	153.12	139.71	142.20	-	3.87	3.79	3.61	3.60
339	Miscellaneous primary metal products ...	(*)	197.60	184.34	177.01	173.60	(*)	4.75	4.62	4.47	4.44
3391	Iron and steel forgings .....	-	205.91	190.21	182.21	180.42	-	5.01	4.84	4.66	4.65
34	<b>FABRICATED METAL PRODUCTS .....</b>	168.08	165.60	162.77	150.80	151.10	4.05	4.00	3.97	3.77	3.74
341	Metal cans .....	209.40	214.65	215.01	186.82	198.87	4.77	4.77	4.81	4.48	4.53
342	Cutlery, hand tools, and hardware .....	(*)	155.29	149.51	141.25	140.80	(*)	3.76	3.71	3.54	3.52
3421,3,5	Cutlery and hand tools, incl. saws .....	-	149.65	145.89	140.65	139.55	-	3.65	3.62	3.49	3.48
3429	Hardware, n e c .....	-	159.36	151.93	141.77	141.29	-	3.84	3.77	3.58	3.55
343	Plumbing and heating, except electric ...	153.00	150.32	144.18	138.16	136.57	3.75	3.73	3.65	3.48	3.44
3431,2	Sanitary ware & plumbers' brass goods ..	-	151.90	146.77	138.95	137.36	-	3.76	3.66	3.50	3.46
3433	Heating equipment, except electric .....	-	148.34	141.60	137.02	135.38	-	3.69	3.64	3.46	3.41
344	Fabricated structural metal products .....	(*)	161.18	159.18	151.55	150.32	(*)	3.97	3.94	3.77	3.73
3441	Fabricated structural steel .....	-	168.51	167.28	161.07	159.78	-	4.10	4.11	3.90	3.85
3442	Metal doors, sash, and trim .....	-	127.01	125.76	126.01	123.78	-	3.24	3.20	3.19	3.11
3443	Fabricated plate work (boiler shops) ..	-	168.89	166.44	154.05	153.27	-	4.17	4.13	3.91	3.89
3444	Sheet metal work .....	-	178.81	174.62	162.41	162.81	-	4.34	4.28	4.05	4.05
3446,9	Architectural and misc. metal work ...	-	154.57	154.91	147.42	143.72	-	3.77	3.76	3.64	3.54
345	Screw machine products, bolts, etc. ....	(*)	167.35	166.18	151.47	151.81	(*)	3.91	3.91	3.74	3.73
3451	Screw machine products .....	-	162.21	163.45	145.67	146.29	-	3.79	3.81	3.66	3.63
3452	Bolts, nuts, rivets, and washers .....	-	172.06	167.98	156.18	156.59	-	4.02	3.99	3.80	3.81
346	Metal stampings .....	(*)	186.97	182.68	160.77	160.40	(*)	4.42	4.36	4.07	4.00
347	Metal services, n e c .....	(*)	140.59	139.39	132.66	131.41	(*)	3.48	3.52	3.35	3.31
348	Misc. fabricated wire products .....	147.91	146.32	144.84	134.80	134.46	3.59	3.56	3.55	3.37	3.37
349	Misc. fabricated metal products .....	(*)	157.16	156.35	145.36	147.20	(*)	3.89	3.87	3.68	3.68
3494,8	Valves, pipe, and pipe fittings .....	-	159.98	159.56	147.73	148.85	-	3.95	3.93	3.74	3.74
35	<b>MACHINERY, EXCEPT ELECTRICAL .....</b>	184.45	178.49	176.38	164.02	162.01	4.34	4.26	4.24	4.04	4.02
351	Engines and turbines .....	205.80	200.16	190.48	186.96	183.47	4.90	4.87	4.75	4.56	4.53
3511	Steam engines and turbines .....	-	194.32	194.97	196.46	196.46	-	4.81	4.85	4.70	4.70
3519	Internal combustion engines, n e c .....	-	202.86	188.00	181.85	177.16	-	4.90	4.70	4.49	4.44
352	Farm machinery .....	-	184.41	175.85	167.69	160.38	-	4.37	4.31	4.10	4.05
353	Construction and related machinery .....	(*)	177.62	176.76	161.60	158.40	(*)	4.28	4.28	4.01	3.97
3531,2	Construction and mining machinery .....	-	187.32	184.23	166.84	163.59	-	4.46	4.45	4.14	4.10
3533	Oil field machinery .....	-	165.48	166.66	157.80	157.63	-	3.94	3.94	3.83	3.78
3535,6	Conveyors, hoists, cranes, monorails ..	-	175.09	178.90	157.96	153.65	-	4.26	4.28	3.91	3.88
3537	Industrial trucks and tractors .....	-	152.49	152.88	143.11	137.23	-	3.90	3.92	3.66	3.64
354	Metal working machinery .....	(*)	193.86	194.29	173.72	174.20	(*)	4.54	4.55	4.30	4.28
3541	Machine tools, metal cutting types .....	-	195.60	193.77	167.11	161.41	-	4.57	4.57	4.22	4.16
3544	Special dies, tools, jigs & fixtures .....	-	210.63	212.92	189.61	192.36	-	4.82	4.85	4.58	4.58
3545	Machine tool accessories .....	-	179.35	180.19	159.54	159.96	-	4.24	4.21	4.07	4.06
3542,8	Misc. metal working machinery .....	-	172.20	170.51	158.40	159.17	-	4.20	4.21	3.97	3.93
355	Special industry machinery .....	170.43	166.76	165.17	153.87	151.93	4.01	3.98	3.98	3.79	3.77
3551	Food products machinery .....	-	174.72	171.81	156.79	153.64	-	4.15	4.14	3.91	3.87
3552	Textile machinery .....	-	134.80	135.60	128.23	127.26	-	3.37	3.39	3.23	3.23
3555	Printing trades machinery .....	-	199.81	198.01	184.04	179.35	-	4.47	4.49	4.27	4.23
356	General industrial machinery .....	(*)	178.49	174.70	161.20	160.40	(*)	4.27	4.23	4.01	4.00
3561	Pumps and compressors .....	-	173.89	167.69	155.99	157.16	-	4.15	4.08	3.89	3.89
3562	Ball and roller bearings .....	-	191.72	185.17	169.30	168.47	-	4.49	4.43	4.17	4.17
3564	Blowers and fans .....	-	163.90	155.16	150.02	151.20	-	3.94	3.85	3.65	3.67
3566	Power transmission equipment .....	-	178.92	179.35	159.59	160.00	-	4.26	4.25	4.02	4.02
357	Office and computing machines .....	(*)	173.43	173.40	170.45	170.10	(*)	4.10	4.08	4.02	4.05
3573	Electronic computing equipment .....	-	180.60	182.21	178.32	179.61	-	4.20	4.16	4.09	4.11
358	Service industry machines .....	(*)	159.12	156.72	145.78	142.40	(*)	3.90	3.86	3.70	3.67
3585	Refrigeration machinery .....	-	161.13	158.69	147.00	142.49	-	3.93	3.88	3.75	3.73
359	Misc. machinery, except electrical .....	(*)	171.79	170.52	158.71	155.93	(*)	4.10	4.06	3.89	3.85

See footnotes at end of table.

ESTABLISHMENT DATA  
HOURS AND EARNINGSC-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES . . . . .	41.3	41.6	41.4	39.5	38.8	-	3.7	3.6	2.7	2.5
331	Blast furnace and basic steel products . . . . .	(*)	41.3	41.5	38.3	36.8	-	2.7	3.1	1.6	1.4
3312	Blast furnaces and steel mills . . . . .	-	41.0	41.3	38.0	36.2	-	2.4	2.8	1.3	1.2
332	Iron and steel foundries . . . . .	(*)	41.4	41.1	40.2	40.3	-	4.4	4.2	3.7	3.6
3321	Gray iron foundries . . . . .	-	41.6	41.2	40.6	40.7	-	4.8	4.8	4.3	4.1
3322	Malleable iron foundries . . . . .	-	42.3	41.7	40.7	40.0	-	-	-	-	-
3323	Steel foundries . . . . .	-	40.5	40.6	38.9	39.5	-	3.4	2.8	2.4	2.5
333,4	Nonferrous metals . . . . .	(*)	42.1	41.8	41.7	41.2	-	3.8	3.9	4.1	4.1
3334	Primary aluminum . . . . .	-	42.1	41.2	40.4	39.9	-	-	-	-	-
335	Nonferrous rolling and drawing . . . . .	(*)	42.8	42.0	41.4	41.1	-	5.2	4.5	4.0	3.7
3351	Copper rolling and drawing . . . . .	-	43.9	42.5	41.2	42.4	-	-	-	-	-
3352	Aluminum rolling and drawing . . . . .	-	43.0	42.6	41.3	41.0	-	5.8	5.2	4.0	3.6
3357	Nonferrous wire drawing and insulating . . . . .	-	42.2	41.6	41.8	40.8	-	4.6	4.0	3.8	3.5
336	Nonferrous foundries . . . . .	(*)	41.5	40.3	38.8	39.5	-	4.2	3.3	2.4	2.3
3361	Aluminum castings . . . . .	-	40.4	40.1	38.9	39.5	-	-	-	-	-
3362,9	Other nonferrous castings . . . . .	-	42.7	40.4	38.7	39.5	-	-	-	-	-
339	Miscellaneous primary metal products . . . . .	(*)	41.6	39.9	39.6	39.1	-	4.5	3.3	2.9	2.7
3391	Iron and steel forgings . . . . .	-	41.1	39.3	39.1	38.8	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	41.5	41.4	41.0	40.0	40.4	-	3.7	3.5	2.9	2.8
341	Metal cans . . . . .	43.9	45.0	44.7	41.7	43.9	-	5.1	5.4	3.9	4.9
342	Cutlery, hand tools, and hardware . . . . .	(*)	41.3	40.3	39.9	40.0	-	3.4	2.8	2.6	2.2
3421,3,5	Cutlery and hand tools, incl. saws . . . . .	-	41.0	40.3	40.3	40.1	-	-	-	-	-
3429	Hardware, n e c . . . . .	-	41.5	40.3	39.6	39.8	-	-	-	-	-
343	Plumbing and heating, except electric . . . . .	40.8	40.3	39.5	39.7	39.7	-	2.8	2.8	2.7	2.2
3431,2	Sanitary ware & plumbers' brass goods . . . . .	-	40.4	40.1	39.7	39.7	-	-	-	-	-
3433	Heating equipment, except electric . . . . .	-	40.2	38.9	39.6	39.7	-	-	-	-	-
344	Fabricated structural metal products . . . . .	(*)	40.6	40.4	40.2	40.3	-	3.2	3.1	2.8	2.8
3441	Fabricated structural steel . . . . .	-	41.1	40.7	41.3	41.5	-	3.5	3.7	3.7	3.8
3442	Metal doors, sash, and trim . . . . .	-	39.2	39.3	39.5	39.8	-	-	-	-	-
3443	Fabricated plate work (boiler shops) . . . . .	-	40.5	40.3	39.4	39.4	-	3.2	2.3	1.7	1.5
3444	Sheet metal work . . . . .	-	41.2	40.8	40.1	40.2	-	-	-	-	-
3446,9	Architectural and misc. metal work . . . . .	-	41.0	41.2	40.5	40.6	-	-	-	-	-
345	Screw machine products, bolts, etc. . . . .	(*)	42.8	42.5	40.5	40.7	-	5.0	4.8	3.0	3.4
3451	Screw machine products . . . . .	-	42.8	42.9	39.8	40.3	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers . . . . .	-	42.8	42.1	41.1	41.1	-	-	-	-	-
346	Metal stampings . . . . .	(*)	42.3	41.9	39.5	40.1	-	4.4	4.2	3.0	2.5
347	Metal services, n e c . . . . .	(*)	40.4	39.6	39.6	39.7	-	3.8	3.4	3.1	3.0
348	Misc. fabricated wire products . . . . .	41.2	41.1	40.8	40.0	39.9	-	3.2	3.2	2.8	2.7
349	Misc. fabricated metal products . . . . .	(*)	40.4	40.4	39.5	40.0	-	3.2	3.1	2.2	2.5
3494,8	Valves, pipe, and pipe fittings . . . . .	-	40.5	40.6	39.5	39.8	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	42.5	41.9	41.6	40.6	40.3	-	3.8	3.6	2.9	2.6
351	Engines and turbines . . . . .	42.0	41.1	40.1	41.0	40.5	-	3.8	3.3	4.4	3.8
3511	Steam engines and turbines . . . . .	-	40.4	40.2	41.8	41.8	-	-	-	-	-
3519	Internal combustion engines, n e c . . . . .	-	41.4	40.0	40.5	39.9	-	-	-	-	-
352	Farm machinery . . . . .	-	42.2	40.8	40.9	39.6	-	3.6	3.0	2.5	1.9
353	Construction and related machinery . . . . .	(*)	41.5	41.3	40.3	39.9	-	3.5	3.1	2.4	2.2
3531,2	Construction and mining machinery . . . . .	-	42.0	41.4	40.3	39.9	-	3.6	2.8	2.3	2.1
3533	Oil field machinery . . . . .	-	42.0	42.3	41.2	41.7	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails . . . . .	-	41.1	41.8	40.4	39.6	-	-	-	-	-
3537	Industrial trucks and tractors . . . . .	-	39.1	39.0	39.1	37.7	-	-	-	-	-
354	Metal working machinery . . . . .	(*)	42.7	42.7	40.4	40.7	-	4.5	4.5	2.8	2.7
3541	Machine tools, metal cutting types . . . . .	-	42.8	42.4	39.6	38.8	-	4.4	3.6	2.0	1.4
3544	Special dies, tools, jigs, & fixtures . . . . .	-	43.7	43.9	41.4	42.0	-	-	-	-	-
3545	Machine tool accessories . . . . .	-	42.3	42.8	39.2	39.4	-	3.4	4.1	1.3	1.0
3542,8	Misc. metal working machinery . . . . .	-	41.0	40.5	39.9	40.5	-	-	-	-	-
355	Special industry machinery . . . . .	42.5	41.9	41.5	40.6	40.3	-	3.7	3.5	2.7	2.5
3551	Food products machinery . . . . .	-	42.1	41.5	40.1	39.7	-	-	-	-	-
3552	Textile machinery . . . . .	-	40.0	40.0	39.7	39.4	-	-	-	-	-
3555	Printing trades machinery . . . . .	-	44.7	44.1	43.1	42.4	-	-	-	-	-
356	General industrial machinery . . . . .	(*)	41.8	41.3	40.2	40.1	-	4.0	3.4	2.4	2.5
3561	Pumps and compressors . . . . .	-	41.9	41.1	40.1	40.4	-	3.9	3.2	2.7	2.6
3562	Ball and roller bearings . . . . .	-	42.7	41.8	40.6	40.4	-	4.7	3.9	2.1	2.7
3564	Blowers and fans . . . . .	-	41.6	40.3	41.1	41.2	-	-	-	-	-
3566	Power transmission equipment . . . . .	-	42.0	42.2	39.7	39.8	-	4.3	4.1	2.1	2.1
357	Office and computing machines . . . . .	(*)	42.3	42.5	42.4	42.0	-	2.7	3.1	3.5	2.7
3573	Electronic computing equipment . . . . .	-	43.0	43.8	43.6	43.7	-	-	-	-	-
358	Service industry machines . . . . .	(*)	40.8	40.6	39.4	38.8	-	3.0	2.8	2.6	2.4
3585	Refrigeration machinery . . . . .	-	41.0	40.9	39.2	38.2	-	3.1	3.1	2.7	2.3
359	Misc. machinery, except electrical . . . . .	(*)	41.9	42.0	40.8	40.5	-	4.2	4.4	3.6	3.3

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

90

**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued**

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. <sup>p</sup> 1972 <sup>p</sup>	Aug. <sup>p</sup> 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. <sup>p</sup> 1972 <sup>p</sup>	Aug. <sup>p</sup> 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971
<i>Durable Goods--Continued</i>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES...</b>	\$151.78	\$148.67	\$146.03	\$140.05	\$139.60	\$3.72	\$3.68	\$3.66	\$3.51	\$3.49
361	Electric test & distributing equipment .....	157.38	154.63	155.07	149.78	147.90	3.82	3.79	3.81	3.68	3.67
3611	Electric measuring instruments .....	-	139.74	137.42	131.63	131.70	-	3.40	3.41	3.25	3.26
3612	Transformers .....	-	151.22	154.77	145.56	145.27	-	3.79	3.85	3.63	3.65
3613	Switchgear and switchboard apparatus .....	-	168.50	169.74	165.61	161.58	-	4.08	4.10	4.01	3.97
362	Electrical industrial apparatus .....	(*)	153.68	153.09	143.47	142.36	(*)	3.73	3.78	3.56	3.55
3621	Motors and generators .....	-	157.25	156.67	145.84	144.68	-	3.78	3.84	3.61	3.59
3622	Industrial controls .....	-	145.96	143.71	135.38	134.01	-	3.64	3.62	3.41	3.41
363	Household appliances .....	(*)	158.71	156.72	150.66	150.06	(*)	3.89	3.86	3.72	3.66
3632	Household refrigerators and freezers .....	-	175.98	173.47	168.51	164.30	-	4.21	4.14	4.09	3.94
3633	Household laundry equipment .....	-	182.21	171.65	171.33	173.01	-	4.38	4.27	4.06	4.09
3634	Electric housewares and fans .....	-	126.72	119.74	112.86	120.00	-	3.16	3.11	2.97	3.00
364	Electric lighting and wiring equipment .....	(*)	138.90	137.41	130.41	130.08	(*)	3.49	3.47	3.31	3.31
3641	Electric lamps .....	-	142.48	142.48	133.27	130.59	-	3.58	3.58	3.34	3.34
3642	Lighting fixtures .....	-	142.40	137.24	130.65	131.32	-	3.56	3.51	3.35	3.35
3643,4	Wiring devices .....	-	135.38	135.66	128.44	129.56	-	3.41	3.40	3.26	3.28
365	Radio and TV receiving equipment .....	(*)	130.87	122.34	121.52	119.35	(*)	3.33	3.28	3.14	3.10
366	Communication equipment .....	170.54	168.91	161.59	157.93	153.97	4.18	4.15	4.06	3.89	3.83
3661	Telephone and telegraph apparatus .....	-	170.89	158.37	157.99	152.46	-	4.23	4.04	3.94	3.85
3662	Radio and TV communication equipment .....	-	167.69	164.02	157.44	155.47	-	4.09	4.07	3.84	3.82
367	Electronic components and accessories ..	(*)	122.14	121.75	117.90	117.51	(*)	3.10	3.09	3.00	2.99
3671-3	Electron tubes .....	-	144.18	140.43	132.55	133.12	-	3.65	3.61	3.39	3.37
3674,9	Other electronic components .....	-	117.90	118.50	114.76	114.36	-	3.00	3.00	2.92	2.91
369	Misc. electrical equipment & supplies.....	(*)	168.48	166.04	150.08	156.18	(*)	4.05	4.04	3.79	3.80
3694	Engine electrical equipment .....	-	174.30	173.06	148.19	161.16	-	4.19	4.17	3.91	3.95
37	<b>TRANSPORTATION EQUIPMENT .....</b>	198.91	189.48	190.76	171.65	171.39	4.77	4.69	4.63	4.39	4.35
371	Motor vehicles and equipment .....	(*)	205.23	213.19	179.71	179.57	(*)	5.08	5.04	4.68	4.64
3711	Motor vehicles .....	-	208.50	223.97	180.07	181.79	-	5.36	5.32	4.88	4.90
3712	Passenger car bodies .....	-	181.64	250.33	184.32	163.45	-	5.39	5.89	5.12	5.14
3713	Truck and bus bodies .....	-	185.27	165.64	148.90	146.10	-	4.23	4.04	3.76	3.68
3714	Motor vehicle parts and accessories .....	-	211.65	212.65	183.94	185.59	-	4.98	4.98	4.61	4.56
3715	Truck trailers .....	-	146.00	148.37	140.85	140.85	-	3.65	3.61	3.53	3.53
372	Aircraft and parts .....	(*)	188.50	188.19	175.34	175.37	(*)	4.62	4.59	4.34	4.33
3721	Aircraft .....	-	190.54	190.70	178.27	177.45	-	4.67	4.64	4.38	4.36
3722	Aircraft engines and engine parts .....	-	191.09	190.88	171.30	173.01	-	4.73	4.69	4.37	4.38
3723,9	Other aircraft parts and equipment .....	-	180.02	177.94	173.46	171.39	-	4.38	4.34	4.20	4.17
373	Ship and boat building and repairing .....	(*)	162.37	163.59	154.83	156.41	(*)	4.09	4.10	3.97	3.93
3731	Ship building and repairing .....	-	172.70	173.60	163.44	165.21	-	4.35	4.34	4.18	4.12
3732	Boat building and repairing .....	-	131.74	132.60	125.90	124.36	-	3.31	3.34	3.27	3.23
374	Railroad equipment .....	-	191.58	190.51	178.88	182.56	-	4.85	4.86	4.54	4.61
375,9	Other transportation equipment .....	-	142.04	137.41	135.47	133.46	-	3.49	3.47	3.37	3.32
38	<b>INSTRUMENTS AND RELATED PRODUCTS ..</b>	152.59	150.29	148.37	142.40	140.58	3.74	3.72	3.70	3.56	3.55
381	Engineering & scientific instruments .....	-	172.48	170.49	164.32	158.69	-	4.28	4.22	4.16	4.09
382	Mechanical measuring & control devices..	(*)	145.60	141.02	137.55	136.42	(*)	3.64	3.57	3.50	3.48
3821	Mechanical measuring devices .....	-	144.51	140.30	136.89	136.42	-	3.64	3.57	3.51	3.48
3822	Automatic temperature controls .....	-	147.02	142.04	138.55	137.16	-	3.63	3.56	3.49	3.49
383,5	Optical and ophthalmic goods .....	(*)	133.33	131.54	126.96	125.14	(*)	3.35	3.33	3.19	3.16
385	Ophthalmic goods .....	-	122.70	121.99	118.29	116.52	-	3.13	3.12	3.01	2.98
384	Medical instruments and supplies .....	135.27	132.40	133.53	123.86	122.85	3.34	3.31	3.33	3.12	3.11
386	Photographic equipment and supplies .....	(*)	186.34	184.58	176.76	171.32	(*)	4.49	4.48	4.28	4.23
387	Watches, clocks, and watchcases .....	-	119.18	116.61	114.00	112.40	-	2.95	2.93	2.85	2.86
39	<b>MISC. MANUFACTURING INDUSTRIES .....</b>	123.55	122.36	119.89	116.22	116.03	3.12	3.09	3.09	2.98	2.96
391	Jewelry, silverware, and plated ware.....	138.17	133.23	128.76	130.35	126.49	3.42	3.39	3.31	3.30	3.26
394	Toys and sporting goods .....	-	110.60	109.52	105.92	107.17	-	2.80	2.83	2.73	2.72
3941-3	Games, toys, dolls & play vehicles .....	-	107.13	104.78	101.90	102.83	-	2.74	2.75	2.64	2.63
3949	Sporting and athletic goods, n e c .....	-	115.89	115.34	111.72	113.83	-	2.89	2.92	2.85	2.86
395	Pens, pencils, office and art supplies .....	-	126.48	125.06	118.29	119.40	-	3.10	3.15	3.01	3.00
396	Costume jewelry and notions .....	-	112.03	110.40	105.26	105.49	-	2.88	2.89	2.72	2.74
393,9	Other manufacturing industries .....	(*)	131.41	127.26	122.92	123.32	(*)	3.31	3.28	3.16	3.13
393	Musical instruments and parts .....	-	127.20	120.67	124.54	123.32	-	3.18	3.11	3.06	3.03
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS .....</b>	146.83	145.60	146.47	137.90	136.35	3.59	3.56	3.59	3.38	3.35
201	Meat products .....	(*)	151.29	149.11	146.73	145.14	(*)	3.69	3.70	3.57	3.54
2011	Meat packing plants .....	-	182.48	180.26	178.93	175.98	-	4.44	4.44	4.23	4.19
2013	Sausages and other prepared meats .....	-	170.43	173.81	160.80	159.60	-	4.25	4.26	4.01	3.99
2015	Poultry dressing plants .....	-	99.12	94.49	90.74	91.43	-	2.40	2.38	2.28	2.28

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971
	<i>Durable Goods--Continued</i>										
36	ELECTRICAL EQUIPMENT AND SUPPLIES . . . . .	40.8	40.4	39.9	39.9	40.0	-	2.7	2.3	2.4	2.2
361	Electric test & distributing equipment . . . . .	41.2	40.8	40.7	40.7	40.3	-	2.9	2.8	2.6	2.4
3611	Electric measuring instruments . . . . .	-	41.1	40.3	40.5	40.4	-	2.5	2.5	1.8	1.9
3612	Transformers . . . . .	-	39.9	40.2	40.1	39.8	-	-	-	-	-
3613	Switchgear and switchboard apparatus . . . . .	-	41.3	41.4	41.3	40.7	-	-	-	-	-
362	Electrical industrial apparatus . . . . .	(*)	41.2	40.5	40.3	40.1	-	3.2	3.0	2.4	2.2
3621	Motors and generators . . . . .	-	41.6	40.8	40.4	40.3	-	3.4	3.2	2.6	2.4
3622	Industrial controls . . . . .	-	40.1	39.7	39.7	39.3	-	2.6	2.6	1.9	1.6
363	Household appliances . . . . .	(*)	40.8	40.6	40.5	41.0	-	3.0	2.4	2.9	2.6
3632	Household refrigerators and freezers . . . . .	-	41.8	41.9	41.2	41.7	-	-	-	-	-
3633	Household laundry equipment . . . . .	-	41.6	40.2	42.2	42.3	-	-	-	-	-
3634	Electric housewares and fans . . . . .	-	40.1	38.5	38.0	40.0	-	2.6	1.7	2.5	2.4
364	Electric lighting and wiring equipment . . . . .	(*)	39.8	39.6	39.4	39.3	-	2.5	2.1	1.9	1.8
3641	Electric lamps . . . . .	-	39.8	39.8	39.9	39.1	-	2.2	1.7	1.5	1.4
3642	Lighting fixtures . . . . .	-	40.0	39.1	39.0	39.2	-	2.7	2.2	1.8	1.6
3643,4	Wiring devices . . . . .	-	39.7	39.9	39.4	39.5	-	2.4	2.2	2.1	2.2
365	Radio and TV receiving equipment . . . . .	(*)	39.3	37.3	38.7	38.5	-	2.4	1.7	2.0	1.7
366	Communication equipment . . . . .	40.8	40.7	39.8	40.6	40.2	-	2.4	1.9	2.3	2.1
3661	Telephone and telegraph apparatus . . . . .	-	40.4	39.2	40.1	39.6	-	-	-	-	-
3662	Radio and TV communication equipment . . . . .	-	41.0	40.3	41.0	40.7	-	2.6	2.5	2.6	2.4
367	Electronic components and accessories . . . . .	(*)	39.4	39.4	39.3	39.3	-	2.4	2.4	2.1	1.9
3671-3	Electron tubes . . . . .	-	39.5	38.9	39.1	39.5	-	2.3	1.9	1.6	1.6
3674,9	Other electronic components . . . . .	-	39.3	39.5	39.3	39.3	-	2.4	2.5	2.2	1.9
369	Misc. electrical equipment & supplies . . . . .	(*)	41.6	41.1	39.6	41.1	-	2.9	2.5	3.0	2.9
3694	Engine electrical equipment . . . . .	-	41.6	41.5	37.9	40.8	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT . . . . .	41.7	40.4	41.2	39.1	39.4	-	3.9	3.6	2.9	2.7
371	Motor vehicles and equipment . . . . .	(*)	40.4	42.3	38.4	38.7	-	4.8	4.3	2.9	2.6
3711	Motor vehicles . . . . .	-	38.9	42.1	36.9	37.1	-	4.9	3.8	2.3	1.9
3712	Passenger car bodies . . . . .	-	33.7	42.5	36.0	31.8	-	-	-	-	-
3713	Truck and bus bodies . . . . .	-	43.8	41.0	39.6	39.7	-	-	-	-	-
3714	Motor vehicle parts and accessories . . . . .	-	42.5	42.7	39.9	40.7	-	4.9	4.9	2.8	3.1
3715	Truck trailers . . . . .	-	40.0	41.1	39.9	39.9	-	-	-	-	-
372	Aircraft and parts . . . . .	(*)	40.8	41.0	40.4	40.5	-	2.5	2.6	2.7	2.6
3721	Aircraft . . . . .	-	40.8	41.1	40.7	40.7	-	1.9	2.1	2.7	2.7
3722	Aircraft engines and engine parts . . . . .	-	40.4	40.7	39.2	39.5	-	2.9	3.0	2.1	2.0
3723,9	Other aircraft parts and equipment . . . . .	-	41.1	41.0	41.3	41.1	-	3.4	3.3	3.4	3.2
373	Ship and boat building and repairing . . . . .	(*)	39.7	39.9	39.0	39.8	-	2.9	3.0	3.8	3.1
3731	Ship building and repairing . . . . .	-	39.7	40.0	39.1	40.1	-	-	-	-	-
3732	Boat building and repairing . . . . .	-	39.8	39.7	38.5	38.5	-	-	-	-	-
374	Railroad equipment . . . . .	-	39.5	39.2	39.4	39.6	-	2.3	2.0	2.6	2.9
375,9	Other transportation equipment . . . . .	-	40.7	39.6	40.2	40.2	-	3.7	3.5	3.2	3.0
38	INSTRUMENTS AND RELATED PRODUCTS . . . . .	40.8	40.4	40.1	40.0	39.6	-	2.5	2.3	2.4	2.4
381	Engineering & scientific instruments . . . . .	-	40.3	40.4	39.5	38.8	-	2.7	3.2	2.6	2.7
382	Mechanical measuring & control devices . . . . .	(*)	40.0	39.5	39.3	39.2	-	2.6	2.3	2.2	2.0
3821	Mechanical measuring devices . . . . .	-	39.7	39.3	39.0	39.2	-	2.1	2.0	2.0	1.8
3822	Automatic temperature controls . . . . .	-	40.5	39.9	39.7	39.3	-	3.3	2.8	2.4	2.3
383,5	Optical and ophthalmic goods . . . . .	(*)	39.8	39.5	39.8	39.6	-	2.6	2.1	1.8	1.8
385	Ophthalmic goods . . . . .	-	39.2	39.1	39.3	39.1	-	2.4	1.9	1.9	1.8
384	Medical instruments and supplies . . . . .	40.5	40.0	40.1	39.7	39.5	-	2.3	2.2	2.1	1.9
386	Photographic equipment and supplies . . . . .	(*)	41.5	41.2	41.3	40.5	-	2.6	2.6	3.2	3.6
387	Watches, clocks, and watch cases . . . . .	-	40.4	39.8	40.0	39.3	-	2.4	1.5	2.4	1.6
39	MISC. MANUFACTURING INDUSTRIES . . . . .	39.6	39.6	38.8	39.0	39.2	-	2.7	2.0	2.5	2.3
391	Jewelry, silverware, and plated ware . . . . .	40.4	39.3	38.9	39.5	38.8	-	2.7	1.3	3.1	2.1
394	Toys and sporting goods . . . . .	-	39.5	38.7	38.8	39.4	-	3.1	2.4	2.5	2.4
3941-3	Games, toys, dolls, & play vehicles . . . . .	-	39.1	38.1	38.6	39.1	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c. . . . .	-	40.1	39.5	39.2	39.8	-	-	-	-	-
395	Pens, pencils, office and art supplies . . . . .	-	40.8	39.7	39.3	39.8	-	2.8	2.0	1.7	1.6
396	Costume jewelry and notions . . . . .	-	38.9	38.2	38.7	38.5	-	2.4	1.4	2.4	2.2
393,9	Other manufacturing industries . . . . .	(*)	39.7	38.8	38.9	39.4	-	2.5	2.1	2.4	2.5
393	Musical instruments and parts . . . . .	-	40.0	38.8	40.7	40.7	-	2.4	1.6	3.3	3.2
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS . . . . .	40.9	40.9	40.8	40.8	40.7	-	4.2	4.2	4.4	4.1
201	Meat products . . . . .	(*)	41.0	40.3	41.1	41.0	-	4.2	3.8	4.7	4.5
2011	Meat packing plants . . . . .	-	41.1	40.6	42.3	42.0	-	4.0	3.7	5.2	4.9
2013	Sausages and other prepared meats . . . . .	-	40.1	40.8	40.1	40.0	-	-	-	-	-
2015	Poultry dressing plants . . . . .	-	41.3	39.7	39.8	40.1	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>**  
**on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971
<i>Nondurable Goods--Continued</i>											
<b>FOOD AND KINDRED PRODUCTS--Continued</b>											
202	Dairy products.....	(*)	\$152.94	\$154.70	\$146.02	\$143.94	(*)	\$3.65	\$3.64	\$3.51	\$3.46
2024	Ice cream and frozen desserts.....	-	141.55	146.85	138.85	135.74	-	3.53	3.53	3.42	3.36
2026	Fluid milk.....	-	159.98	162.31	154.82	152.04	-	3.80	3.81	3.66	3.62
203	Canned, cured, and frozen foods.....	-	119.69	113.87	113.54	109.65	-	3.03	2.95	2.86	2.79
2031,6	Canned, cured, and frozen sea foods.....	-	100.17	96.29	82.23	86.45	-	2.70	2.66	2.44	2.47
2032,3	Canned food, except sea foods.....	-	125.14	119.78	122.36	114.97	-	3.16	3.04	2.97	2.86
2037	Frozen fruits and vegetables.....	-	112.63	104.81	100.81	102.03	-	2.83	2.81	2.66	2.65
204	Grain mill products.....	(*)	172.80	173.43	162.27	159.40	(*)	3.84	3.82	3.59	3.55
2041	Flour and other grain mill products.....	-	191.06	190.62	182.58	177.17	-	4.10	4.03	3.86	3.81
2042	Prepared feeds for animals and fowls.....	-	150.88	150.48	141.68	139.84	-	3.28	3.25	3.08	3.04
205	Bakery products.....	(*)	150.00	150.72	139.44	138.29	(*)	3.75	3.74	3.53	3.51
2051	Bread, cake, and related products.....	-	151.67	153.18	142.20	140.30	-	3.83	3.82	3.60	3.57
2052	Cookies and crackers.....	-	143.31	143.31	130.02	130.68	-	3.47	3.47	3.30	3.30
206	Sugar.....	-	163.58	162.29	147.46	149.38	-	3.98	3.92	3.85	3.85
207	Confectionery and related products.....	(*)	135.71	131.67	122.51	122.49	(*)	3.27	3.30	3.04	3.07
2071	Confectionery products.....	-	130.60	126.01	117.49	117.41	-	3.17	3.19	2.93	2.98
208	Beverages.....	(*)	169.71	174.30	163.20	162.77	(*)	4.18	4.19	4.00	3.97
2082	Malt liquors.....	-	234.48	235.90	217.24	217.78	-	5.65	5.59	5.26	5.21
2086	Bottled and canned soft drinks.....	-	128.93	130.31	119.88	121.25	-	3.16	3.14	2.96	2.95
209	Misc. foods and kindred products.....	(*)	149.64	148.33	141.88	137.70	(*)	3.58	3.54	3.37	3.31
21	<b>TOBACCO MANUFACTURES</b> .....	\$118.22	120.29	121.74	114.08	119.25	\$3.33	3.36	3.57	3.01	3.18
211	Cigarettes.....	-	143.64	135.46	141.41	145.78	-	4.20	4.13	3.95	3.94
212	Cigars.....	-	91.85	87.48	86.54	87.98	-	2.43	2.43	2.32	2.34
22	<b>TEXTILE MILL PRODUCTS</b> .....	113.85	113.02	110.84	104.75	105.26	2.75	2.73	2.71	2.58	2.58
221	Weaving mills, cotton.....	115.75	113.82	113.55	103.68	104.55	2.73	2.71	2.71	2.56	2.55
222	Weaving mills, synthetics.....	119.84	118.98	118.83	109.93	110.04	2.80	2.78	2.77	2.63	2.62
223	Weaving and finishing mills, wool.....	(*)	116.60	116.31	110.42	105.54	(*)	2.83	2.83	2.74	2.72
224	Narrow fabric mills.....	109.08	107.59	102.83	99.65	101.81	2.68	2.65	2.61	2.51	2.52
225	Knitting mills.....	104.27	103.89	101.92	95.87	96.47	2.66	2.63	2.62	2.49	2.48
2251	Women's hosiery, except socks.....	-	95.76	94.37	84.96	86.51	-	2.52	2.53	2.36	2.37
2252	Hosiery, n e c.....	-	90.77	88.83	83.70	85.73	-	2.37	2.35	2.25	2.25
2253	Knit outerwear mills.....	-	106.20	100.61	98.69	98.94	-	2.73	2.69	2.57	2.55
2254	Knit underwear mills.....	-	95.55	96.19	85.47	89.32	-	2.45	2.46	2.31	2.32
226	Textile finishing, except wool.....	124.10	122.22	118.37	116.62	113.44	2.92	2.91	2.88	2.77	2.74
227	Floor covering mills.....	-	123.68	115.71	117.34	121.28	-	2.91	2.85	2.71	2.75
228	Yarn and thread mills.....	(*)	106.01	104.08	102.12	100.50	(*)	2.53	2.52	2.42	2.41
229	Miscellaneous textile goods.....	(*)	130.28	127.49	120.01	120.06	(*)	3.08	3.05	2.92	2.90
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	95.04	95.37	92.88	89.71	89.89	2.64	2.62	2.58	2.52	2.49
231	Men's and boys' suits and coats.....	120.60	121.58	119.56	111.96	110.62	3.35	3.34	3.24	3.11	3.09
232	Men's and boys' furnishings.....	(*)	83.76	83.39	80.52	81.75	(*)	2.27	2.26	2.20	2.18
2321	Men's and boys' shirts and nightwear.....	-	82.21	82.80	79.21	79.77	-	2.24	2.25	2.17	2.15
2327	Men's and boys' separate trousers.....	-	84.50	83.93	80.66	81.06	-	2.29	2.25	2.18	2.15
2328	Men's and boys' work clothing.....	-	80.04	79.61	76.38	77.00	-	2.14	2.14	2.11	2.07
233	Women's and misses' outerwear.....	(*)	96.81	93.63	91.18	91.46	(*)	2.79	2.77	2.73	2.69
2331	Women's and misses' blouses and waists.....	-	90.61	82.70	80.78	81.89	-	2.51	2.31	2.39	2.36
2335	Women's and misses' dresses.....	-	95.76	93.28	90.76	91.41	-	2.85	2.87	2.81	2.77
2337	Women's and misses' suits and coats.....	-	112.78	109.21	108.48	107.78	-	3.25	3.26	3.20	3.17
2339	Women's and misses' outerwear, n e c.....	-	88.82	86.76	82.02	81.75	-	2.44	2.39	2.33	2.29
234	Women's and children's undergarments.....	87.82	86.01	83.98	83.95	82.76	2.38	2.35	2.32	2.30	2.28
2341	Women's and children's underwear.....	-	83.90	81.76	81.76	80.59	-	2.28	2.24	2.24	2.22
2342	Corsets and allied garments.....	-	92.57	89.96	89.79	87.97	-	2.55	2.52	2.46	2.43
235	Hats, caps, and millinery.....	-	85.20	82.11	85.07	84.49	-	2.36	2.30	2.35	2.36
236	Children's outerwear.....	87.48	88.33	88.33	80.04	81.65	2.43	2.44	2.44	2.32	2.30
2361	Children's dresses and blouses.....	-	84.85	88.09	74.33	78.66	-	2.39	2.42	2.28	2.28
237,8	Fur goods and miscellaneous apparel.....	-	94.02	94.42	94.90	93.59	-	2.59	2.63	2.60	2.55
239	Misc. fabricated textile products.....	(*)	111.93	105.64	99.15	100.08	(*)	2.87	2.78	2.63	2.62
2391,2	Housefurnishings.....	-	92.30	89.25	89.01	86.49	-	2.41	2.38	2.30	2.27
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	172.77	171.54	169.92	158.67	158.53	3.99	3.98	3.97	3.76	3.73
261,2,6	Paper and pulp mills.....	(*)	198.47	198.91	183.92	182.52	(*)	4.45	4.44	4.18	4.12
263	Paperboard mills.....	(*)	207.03	203.85	194.85	186.95	(*)	4.55	4.51	4.33	4.22
264	Misc. converted paper products.....	(*)	148.87	147.74	136.82	138.17	(*)	3.57	3.56	3.37	3.37
2643	Bags, except textile bags.....	-	144.35	142.27	131.60	134.64	-	3.47	3.47	3.29	3.30
265	Paperboard containers and boxes.....	156.77	153.67	150.75	141.51	143.52	3.68	3.65	3.65	3.46	3.45
2651,2	Folding and setup paperboard boxes.....	-	141.38	140.07	131.45	131.45	-	3.44	3.45	3.27	3.27
2653	Corrugated and solid fiber boxes.....	-	166.71	161.63	149.92	154.57	-	3.85	3.83	3.63	3.62
2654	Sanitary food containers.....	-	148.26	145.79	137.45	139.11	-	3.53	3.53	3.32	3.32

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971
<i>Nondurable Goods--Continued</i>											
<b>FOOD AND KINDRED PRODUCTS--Continued</b>											
202	Dairy products .....	(*)	41.9	42.5	41.6	41.6	-	4.1	4.6	4.1	4.0
2024	Ice cream and frozen desserts.....	-	40.1	41.6	40.6	40.4	-	-	-	-	-
2026	Fluid milk.....	-	42.1	42.6	42.3	42.0	-	-	-	-	-
203	Canned, cured, and frozen foods.....	-	39.5	38.6	39.7	39.3	-	3.7	3.5	4.2	3.7
2031,6	Canned, cured and frozen sea foods.....	-	37.1	36.2	33.7	35.0	-	-	-	-	-
2032,3	Canned food, except sea foods.....	-	39.6	39.4	41.2	40.2	-	-	-	-	-
2037	Frozen fruits and vegetables.....	-	39.8	37.3	37.9	38.5	-	-	-	-	-
204	Grain mill products.....	(*)	45.0	45.4	45.2	44.9	-	7.0	7.3	7.0	6.9
2041	Flour and other grain mill product.....	-	46.6	47.3	47.3	46.5	-	-	-	-	-
2042	Prepared feeds for animals and fowls.....	-	46.0	46.3	46.0	46.0	-	-	-	-	-
205	Bakery products.....	(*)	40.0	40.3	39.5	39.4	-	3.5	3.8	3.5	3.3
2051	Bread, cake, and related products.....	-	39.6	40.1	39.5	39.3	-	-	-	-	-
2052	Cookies and crackers.....	-	41.3	41.3	39.4	39.6	-	-	-	-	-
206	Sugar.....	-	41.1	41.4	38.3	38.8	-	3.9	4.0	4.1	3.7
207	Confectionery and related products.....	(*)	41.5	39.9	40.3	39.9	-	4.2	2.8	3.2	3.1
2071	Confectionery products.....	-	41.2	39.5	40.1	39.4	-	-	-	-	-
208	Beverages.....	(*)	40.6	41.6	40.8	41.0	-	3.9	4.5	3.9	3.8
2082	Malt liquors.....	-	41.5	42.2	41.3	41.8	-	-	-	-	-
2086	Bottled and canned soft drinks.....	-	40.8	41.5	40.5	41.1	-	-	-	-	-
209	Misc. foods and kindred products.....	(*)	41.8	41.9	42.1	41.6	-	4.4	4.5	4.9	4.4
21	<b>TOBACCO MANUFACTURES</b> .....	35.5	35.8	34.1	37.9	37.5	-	1.5	1.5	2.5	2.6
211	Cigarettes.....	-	34.2	32.8	35.8	37.0	-	1.6	1.7	3.2	3.5
212	Cigars.....	-	37.8	36.0	37.3	37.6	-	1.4	1.0	2.0	1.6
22	<b>TEXTILE MILL PRODUCTS</b> .....	41.4	41.4	40.9	40.6	40.8	-	4.3	4.0	4.0	3.9
221	Weaving mills, cotton.....	42.4	42.0	41.9	40.5	41.0	-	4.8	4.6	4.4	4.0
222	Weaving mills, synthetics.....	42.8	42.8	42.9	41.8	42.0	-	5.3	4.9	4.5	4.2
223	Weaving and finishing mills, wool.....	(*)	41.2	41.1	40.3	38.8	-	3.6	3.6	3.1	2.9
224	Narrow fabric mills.....	40.7	40.6	39.4	39.7	40.4	-	3.3	2.7	3.0	3.2
225	Knitting mills.....	39.2	39.5	38.9	38.5	38.9	-	3.1	3.2	2.7	2.9
2251	Women's hosiery, except socks.....	-	38.0	37.3	36.0	36.5	-	-	-	-	-
2252	Hosiery, n e c.....	-	38.3	37.8	37.2	38.1	-	-	-	-	-
2253	Knit outerwear mills.....	-	38.9	37.4	38.4	38.8	-	-	-	-	-
2254	Knit underwear mills.....	-	39.0	39.1	37.0	38.5	-	-	-	-	-
226	Textile finishing, except wool.....	42.5	42.0	41.1	42.1	41.4	-	4.8	4.3	4.9	4.8
227	Floor covering mills.....	-	42.5	40.6	43.3	44.1	-	5.1	4.1	5.9	6.1
228	Yarn and thread mills.....	(*)	41.9	41.3	42.2	41.7	-	4.6	4.2	4.8	4.6
229	Miscellaneous textile goods.....	(*)	42.3	41.8	41.1	41.4	-	4.7	3.8	4.0	3.8
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	36.0	36.4	36.0	35.6	36.1	-	1.5	1.3	1.3	1.3
231	Men's and boys' suits and coats.....	36.0	36.4	36.9	36.0	35.8	-	1.0	.6	1.3	1.0
232	Men's and boys' furnishings.....	(*)	36.9	36.9	36.6	37.5	-	1.4	1.2	1.3	1.4
2321	Men's and boys' shirts and nightwear.....	-	36.7	36.8	36.5	37.1	-	1.4	1.2	1.3	1.3
2327	Men's and boys' separate trousers.....	-	36.9	37.3	37.0	37.7	-	-	-	-	-
2328	Men's and boys' work clothing.....	-	37.4	37.2	36.2	37.2	-	1.1	1.0	1.3	1.2
233	Women's and misses' outerwear.....	(*)	34.7	33.8	33.4	34.0	-	1.3	1.2	1.0	1.1
2331	Women's and misses' blouses and waists.....	-	36.1	35.8	33.8	34.7	-	-	-	-	-
2335	Women's and misses' dresses.....	-	33.6	32.5	32.3	33.0	-	1.1	1.1	.9	1.0
2337	Women's and misses' suits and coats.....	-	34.7	33.5	33.9	34.0	-	1.4	1.3	1.5	1.3
2339	Women's and misses' outerwear, n e c.....	-	36.4	36.3	35.2	35.7	-	1.3	1.2	1.2	1.1
234	Women's and children's undergarments.....	36.9	36.6	36.2	36.5	36.3	-	1.5	1.3	1.4	1.3
2341	Women's and children's underwear.....	-	36.8	36.5	36.5	36.3	-	-	-	-	-
2342	Corsets and allied garments.....	-	36.3	35.7	36.5	36.2	-	-	-	-	-
235	Hats, caps, and millinery.....	-	36.1	35.7	36.2	35.8	-	1.3	.9	1.1	.9
236	Children's outerwear.....	36.0	36.2	36.2	34.5	35.5	-	1.3	1.2	1.1	1.5
2361	Children's dresses and blouses.....	-	35.5	36.4	32.6	34.5	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel.....	-	36.3	35.9	36.5	36.7	-	1.4	.9	1.5	1.4
239	Misc. fabricated textile products.....	(*)	39.0	38.0	37.7	38.2	-	3.0	2.3	2.1	1.9
2391,2	Housefurnishings.....	-	38.3	37.5	38.7	38.1	-	-	-	-	-
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	43.3	43.1	42.8	42.2	42.5	-	5.3	5.1	5.1	5.0
261,2,6	Paper and pulp mills.....	(*)	44.6	44.8	44.0	44.3	-	6.5	6.6	6.2	6.3
263	Paperboard mills.....	(*)	45.5	45.2	45.0	44.3	-	7.9	7.5	9.0	7.6
264	Misc. converted paper products.....	(*)	41.7	41.5	40.6	41.0	-	3.8	3.5	3.4	3.3
2643	Bags, except textile bags.....	-	41.6	41.0	40.0	40.8	-	-	-	-	-
265	Paperboard containers and boxes.....	42.6	42.1	41.3	40.9	41.6	-	4.5	4.2	4.2	4.3
2651,2	Folding and setup paperboard boxes.....	-	41.1	40.6	40.2	40.2	-	-	-	-	-
2653	Corrugated and solid fiber boxes.....	-	43.3	42.2	41.3	42.7	-	5.6	4.8	4.9	5.4
2654	Sanitary food containers.....	-	42.0	41.3	41.4	41.9	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Sept. 1972 P	Aug. 1972 P	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 P	Aug. 1972 P	July 1972	Sept. 1971	Aug. 1971
<i>Nondurable Goods--Continued</i>											
27	<b>PRINTING AND PUBLISHING</b> .....	\$ 175.95	\$ 171.52	\$ 170.62	\$ 161.73	\$ 159.85	\$ 4.57	\$ 4.49	\$ 4.49	\$ 4.29	\$ 4.24
271	Newspapers.....	(*)	177.93	177.43	166.96	163.90	(*)	4.97	4.97	4.69	4.63
272	Periodicals.....	-	193.52	195.69	183.37	180.14	-	4.72	4.82	4.55	4.47
273	Books.....	-	158.40	158.01	151.30	150.05	-	3.98	3.97	3.84	3.77
275	Commercial printing .....	(*)	176.73	174.47	166.71	165.17	(*)	4.52	4.52	4.33	4.29
2751	Commercial printing, ex. lithographic .....	-	168.44	166.32	160.16	158.62	-	4.33	4.32	4.16	4.12
2752	Commercial printing, lithographic .....	-	189.03	186.63	178.02	176.15	-	4.81	4.81	4.60	4.54
278	Blankbooks and bookbinding .....	(*)	129.20	128.87	125.39	123.26	(*)	3.33	3.33	3.24	3.21
274,6,7,9	Other publishing & printing ind.....	(*)	169.40	168.25	156.04	155.32	(*)	4.40	4.37	4.15	4.12
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ...	178.49	174.71	175.97	169.66	164.37	4.26	4.22	4.23	4.03	3.98
281	Industrial chemicals .....	(*)	197.87	198.29	192.58	185.15	(*)	4.70	4.71	4.51	4.44
2812	Alkalies and chlorine .....	-	208.24	208.68	200.23	187.03	-	4.69	4.70	4.53	4.38
2818	Industrial organic chemicals, n e c .....	-	215.13	215.39	207.69	200.40	-	5.05	5.08	4.83	4.76
2819	Industrial inorganic chemicals, n e c .....	-	185.77	185.32	181.40	172.94	-	4.52	4.52	4.35	4.27
282	Plastics materials and synthetics .....	(*)	173.05	175.51	168.52	161.41	(*)	4.13	4.12	3.91	3.88
2821	Plastics materials and resins .....	-	190.06	194.03	183.04	176.76	-	4.42	4.43	4.16	4.13
2823,4	Synthetic fibers .....	-	157.41	160.06	154.70	146.93	-	3.83	3.82	3.64	3.61
283	Drugs .....	(*)	157.21	156.81	154.71	152.71	(*)	3.97	3.93	3.82	3.78
2834	Pharmaceutical preparations .....	-	154.04	153.58	149.92	147.57	-	3.88	3.83	3.72	3.68
284	Soap, cleaners, and toilet goods .....	170.98	168.91	171.75	160.72	159.49	4.16	4.15	4.22	3.92	3.89
2841	Soap and other detergents.....	-	222.65	226.18	200.79	200.70	-	5.19	5.26	4.85	4.79
2844	Toilet preparations .....	-	131.71	133.28	131.46	130.82	-	3.36	3.40	3.23	3.23
285	Paints and allied products .....	(*)	164.64	162.60	151.81	151.70	(*)	3.92	3.89	3.73	3.70
287	Agricultural chemicals .....	152.46	150.90	153.61	142.12	138.69	3.63	3.61	3.64	3.40	3.35
2871,2	Fertilizers, complete & mixing only .....	-	142.76	144.63	135.01	131.75	-	3.44	3.46	3.23	3.19
286,9	Other chemical products .....	(*)	164.81	162.80	158.76	154.91	(*)	4.01	4.00	3.78	3.76
2892	Explosives .....	-	165.24	162.36	164.67	159.92	-	4.08	4.10	3.93	3.91
29	<b>PETROLEUM AND COAL PRODUCTS</b> ....	214.35	208.40	210.23	199.91	195.11	5.02	4.95	4.97	4.66	4.58
291	Petroleum refining .....	(*)	216.30	219.76	207.27	201.96	(*)	5.25	5.27	4.90	4.82
295,9	Other petroleum and coal products .....	(*)	184.16	180.78	174.83	173.38	(*)	4.12	4.09	3.92	3.87
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C</b>	151.48	150.28	146.93	139.78	138.23	3.65	3.63	3.61	3.46	3.43
301	Tires and inner tubes .....	(*)	218.37	210.30	201.03	197.77	(*)	5.02	4.96	4.73	4.72
302,3,6	Other rubber products .....	146.20	144.73	139.20	133.33	129.82	3.54	3.53	3.48	3.35	3.27
302	Rubber footwear .....	-	113.20	112.13	107.80	106.86	-	2.91	2.89	2.80	2.79
307	Miscellaneous plastics products .....	129.02	128.93	128.07	120.80	120.40	3.17	3.16	3.17	3.02	3.01
31	<b>LEATHER AND LEATHER PRODUCTS</b> ....	103.63	105.15	105.03	96.68	97.38	2.72	2.71	2.70	2.62	2.59
311	Leather tanning and finishing .....	(*)	135.93	131.29	133.39	128.18	(*)	3.45	3.41	3.31	3.27
314	Footwear, except rubber .....	100.70	102.43	102.97	93.08	94.75	2.65	2.64	2.62	2.55	2.52
312,3,5-7,5	Other leather products .....	(*)	102.43	101.46	94.10	93.36	(*)	2.64	2.67	2.55	2.53
316	Luggage .....	-	100.64	101.44	96.65	95.93	-	2.78	2.81	2.67	2.65
317	Handbags and personal leather goods .....	-	100.86	98.42	92.62	91.75	-	2.56	2.59	2.51	2.50
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	191.23	190.48	189.66	176.66	172.98	4.71	4.68	4.66	4.33	4.25
4011	<b>RAILROAD TRANSPORTATION:</b> Class I railroads <sup>2</sup> .....		(*)	211.99	194.92	187.46		(*)	4.93	4.39	4.38
411	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b> Local and suburban transportation .....	-	164.48	164.01	153.30	155.49	-	3.87	3.85	3.65	3.65
413	Intercity highway transportation .....	-	193.12	196.66	175.39	185.32	-	4.84	4.88	4.32	4.34
42	<b>TRUCKING AND WAREHOUSING</b> .....	-	206.98	205.16	188.61	189.14	-	4.87	4.85	4.48	4.44
421,3	Trucking and trucking terminals .....	-	212.22	209.95	192.89	193.46	-	4.97	4.94	4.56	4.52
422	Public warehousing .....	-	143.87	143.56	132.72	133.45	-	3.57	3.58	3.36	3.37
46	<b>PIPE LINE TRANSPORTATION</b> .....	-	207.67	216.71	199.26	202.37	-	5.09	5.26	4.86	4.90
48	<b>COMMUNICATION</b> .....	-	171.54	168.38	156.03	144.67	-	4.31	4.22	3.95	3.70
481	Telephone communication .....	-	171.17	167.60	155.23	141.90	-	4.29	4.19	3.91	3.62
4817	Switchboard operating employees <sup>3</sup> .....	-	123.90	120.02	112.75	103.55	-	3.53	3.40	3.24	2.95
4818	Line construction employees <sup>4</sup> .....	-	225.28	220.56	223.63	205.66	-	5.12	4.99	4.83	4.53
482	Telegraph communication <sup>5</sup> .....	-	(*)	183.17	(*)	(*)	-	(*)	4.32	(*)	(*)
483	Radio and television broadcasting .....	-	173.25	176.40	163.88	162.01	-	4.50	4.50	4.29	4.23

See footnotes at end of table.

C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971
	<i>Nondurable Goods--Continued</i>										
27	<b>PRINTING AND PUBLISHING</b> .....	38.5	38.2	38.0	37.7	37.7	-	3.0	2.8	2.9	2.7
271	Newspapers.....	(*)	35.8	35.7	35.6	35.4	-	2.5	2.4	2.6	2.3
272	Periodicals.....	-	41.0	40.6	40.3	40.3	-	4.4	3.8	4.5	3.8
273	Books.....	-	39.8	39.8	39.4	39.8	-	3.2	3.3	3.2	3.4
275	Commercial printing.....	(*)	39.1	38.6	38.5	38.5	-	3.4	3.1	3.3	3.1
2751	Commercial printing, ex. lithographic.....	-	38.9	38.5	38.5	38.5	-	3.2	2.9	3.2	3.0
2752	Commercial printing, lithographic.....	-	39.3	38.8	38.7	38.8	-	3.7	3.3	3.6	3.4
278	Blankbooks and bookbinding.....	(*)	38.8	38.7	38.7	38.4	-	2.3	2.3	2.1	2.1
274,6,7,9	Other publishing & printing ind.....	(*)	38.5	38.5	37.6	37.7	-	3.0	2.8	2.2	2.4
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ..	41.9	41.4	41.6	42.1	41.3	-	3.3	3.2	3.6	3.1
281	Industrial chemicals.....	(*)	42.1	42.1	42.7	41.7	-	3.8	3.6	4.1	3.5
2812	Alkalies and chlorine.....	-	44.4	44.4	44.2	42.7	-	-	-	-	-
2818	Industrial organic chemicals, n.e.c.....	-	42.6	42.4	43.0	42.1	-	3.8	3.6	3.8	3.1
2819	Industrial inorganic chemicals, n.e.c.....	-	41.1	41.0	41.7	40.5	-	3.5	3.1	3.7	3.0
282	Plastics materials and synthetics.....	(*)	41.9	42.6	43.1	41.6	-	3.3	3.4	3.4	2.9
2821	Plastics materials and resins.....	-	43.0	43.8	44.0	42.8	-	4.8	4.8	4.6	4.3
2823,4	Synthetic fibers.....	-	41.1	41.9	42.5	40.7	-	2.3	2.5	2.6	1.8
283	Drugs.....	(*)	39.6	39.9	40.5	40.4	-	1.7	1.9	3.0	2.4
2834	Pharmaceutical preparations.....	-	39.7	40.1	40.3	40.1	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	41.1	40.7	40.7	41.0	41.0	-	3.1	3.1	3.3	3.0
2841	Soap and other detergents.....	-	42.9	43.0	41.4	41.9	-	-	-	-	-
2844	Toilet preparations.....	-	39.2	39.2	40.7	40.5	-	-	-	-	-
285	Paints and allied products.....	(*)	42.0	41.8	40.7	41.0	-	4.0	3.6	2.9	3.1
287	Agricultural chemicals.....	42.0	41.8	42.2	41.8	41.4	-	3.8	4.2	4.0	3.4
2871,2	Fertilizers, complete & mixing only..	-	41.5	41.8	41.8	41.3	-	-	-	-	-
286,9	Other chemical products.....	(*)	41.1	40.7	42.0	41.2	-	3.1	2.9	3.5	3.0
2892	Explosives.....	-	40.5	39.6	41.9	40.9	-	-	-	-	-
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	42.7	42.1	42.3	42.9	42.6	-	3.7	3.7	4.1	3.7
291	Petroleum refining.....	(*)	41.2	41.7	42.3	41.9	-	2.7	2.8	3.1	2.7
295,9	Other petroleum and coal products.....	(*)	44.7	44.2	44.6	44.8	-	6.7	6.3	7.2	7.1
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC.</b> ..	41.5	41.4	40.7	40.4	40.3	-	4.1	3.7	3.6	3.4
301	Tires and inner tubes.....	(*)	43.5	42.4	42.5	41.9	-	6.3	5.6	5.1	4.7
302,3,6	Other rubber products.....	41.3	41.0	40.0	39.8	39.7	-	3.5	3.1	3.0	2.7
302	Rubber footwear.....	-	38.9	38.8	38.5	38.3	-	2.1	1.7	2.1	2.2
307	Miscellaneous plastics products.....	40.7	40.8	40.4	40.0	40.0	-	3.6	3.4	3.5	3.4
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	38.1	38.8	38.9	36.9	37.6	-	2.3	2.3	1.8	1.7
311	Leather tanning and finishing.....	(*)	39.4	38.5	40.3	39.2	-	2.7	2.5	3.3	2.7
314	Footwear, except rubber.....	38.0	38.8	39.3	36.5	37.6	-	2.2	2.2	1.6	1.7
312,3,5-7,9	Other leather products.....	(*)	38.8	38.0	36.9	36.9	-	2.5	2.4	1.7	1.5
316	Luggage.....	-	36.2	36.1	36.2	36.2	-	1.7	1.9	1.2	1.6
317	Handbags and personal leather goods..	-	39.4	38.0	36.9	36.7	-	2.9	2.5	1.9	1.3
	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	40.6	40.7	40.7	40.8	40.7					
	<b>RAILROAD TRANSPORTATION:</b>										
4011	Class I railroads <sup>2</sup> .....	-	(*)	43.0	44.4	42.8	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>										
411	Local and suburban transportation.....	-	42.5	42.6	42.0	42.6	-	-	-	-	-
413	Intercity highway transportation.....	-	39.9	40.3	40.6	42.7	-	-	-	-	-
	<b>TRUCKING AND WAREHOUSING</b> .....										
42	Trucking and trucking terminals.....	-	42.5	42.3	42.1	42.6	-	-	-	-	-
421,3	Trucking and trucking terminals.....	-	42.7	42.5	42.3	42.8	-	-	-	-	-
422	Public warehousing.....	-	40.3	40.1	39.5	39.6	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION</b> .....	-	40.8	41.2	41.0	41.3	-	-	-	-	-
	<b>COMMUNICATION</b> .....										
48	Telephone communication.....	-	39.8	39.9	39.5	39.1	-	-	-	-	-
481	Telephone communication.....	-	39.9	40.0	39.7	39.2	-	-	-	-	-
4817	Switchboard operating employees <sup>3</sup> .....	-	35.1	35.3	34.8	35.1	-	-	-	-	-
4818	Line construction employees <sup>4</sup> .....	-	44.0	44.2	46.3	45.4	-	-	-	-	-
482	Telegraph communication <sup>5</sup> .....	-	(*)	42.4	(*)	(*)	-	-	-	-	-
483	Radio and television broadcasting.....	-	38.5	39.2	38.2	38.3	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings					
		Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>P</sup>	Aug. 1972 <sup>P</sup>	July 1972	Sept. 1971	Aug. 1971	
-	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>											
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	\$201.48	\$202.73	\$190.53	\$185.81	-	\$4.82	\$4.85	\$4.58	\$4.51	
491	Electric companies and systems .....	-	206.22	207.13	196.61	192.70	-	4.91	4.92	4.67	4.61	
492	Gas companies and systems .....	-	178.30	179.86	168.49	165.23	-	4.37	4.43	4.15	4.10	
493	Combination companies and systems...	-	224.19	225.88	209.16	201.14	-	5.30	5.34	5.04	4.93	
494-7	Water, steam, & sanitary systems .....	-	165.17	165.15	161.78	158.30	-	3.98	3.97	3.78	3.76	
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	\$106.70	108.00	108.36	102.08	103.32	\$3.04	3.00	3.01	2.90	2.87	
50	<b>WHOLESALE TRADE.....</b>	155.22	154.01	155.19	147.68	147.63	3.90	3.86	3.87	3.72	3.70	
501	Motor vehicles & automotive equipment..	-	147.33	145.89	137.41	136.86	-	3.62	3.62	3.47	3.43	
502	Drugs, chemicals, and allied products..	-	156.31	157.10	149.77	149.00	-	4.06	4.07	3.86	3.85	
503	Dry goods and apparel.....	-	139.12	141.00	136.51	135.74	-	3.76	3.77	3.65	3.61	
504	Groceries and related products .....	-	146.73	149.74	141.29	140.45	-	3.65	3.67	3.55	3.52	
506	Electrical goods.....	-	160.75	159.53	149.74	145.96	-	3.94	3.91	3.67	3.56	
507	Hardware, plumbing & heating equipment	-	146.77	144.54	144.00	144.36	-	3.66	3.65	3.60	3.60	
508	Machinery, equipment, and supplies.....	-	167.28	170.15	162.80	164.42	-	4.11	4.14	4.00	4.03	
509	Miscellaneous wholesalers.....	-	154.45	156.02	148.57	149.29	-	3.93	3.96	3.79	3.77	
52-59	<b>RETAIL TRADE.....</b>	91.39	93.61	93.69	87.62	89.18	2.72	2.69	2.70	2.60	2.57	
53	Retail general merchandise .....	-	85.54	85.94	80.50	82.17	-	2.60	2.62	2.59	2.49	
531	Department stores .....	-	89.05	89.19	84.59	85.80	-	2.74	2.77	2.66	2.64	
532	Mail order houses .....	-	111.17	111.07	101.63	104.56	-	2.88	2.90	2.71	2.73	
533	Variety stores .....	-	67.10	67.52	60.50	61.69	-	2.13	2.13	1.99	1.99	
54	Food stores.....	-	103.82	104.10	96.50	98.45	-	3.09	3.08	2.96	2.93	
541-3	Grocery, meat, and vegetable stores ..	-	107.10	107.07	99.36	101.02	-	3.15	3.14	3.02	2.98	
56	Apparel and accessory stores .....	-	79.87	80.60	75.68	76.70	-	2.45	2.48	2.38	2.36	
561	Men's & boys' clothing & furnishings ..	-	95.76	99.86	90.51	92.21	-	2.80	2.92	2.71	2.72	
562	Women's ready-to-wear stores .....	-	72.23	72.31	67.71	67.89	-	2.33	2.34	2.22	2.19	
565	Family clothing stores.....	-	77.75	80.03	74.58	76.21	-	2.28	2.34	2.20	2.19	
566	Shoe stores.....	-	81.18	78.40	76.94	78.33	-	2.46	2.45	2.49	2.41	
57	Furniture and home furnishings stores..	-	123.66	122.58	116.00	117.18	-	3.28	3.26	3.11	3.10	
571	Furniture and home furnishings.....	-	125.16	122.90	115.32	116.18	-	3.32	3.26	3.10	3.09	
58	Eating and drinking places <sup>6</sup> .....	-	65.20	65.00	61.18	63.18	-	2.00	2.00	1.98	1.95	
52,55,59	Other retail trade .....	-	115.89	116.27	108.86	110.50	-	3.01	3.02	2.88	2.87	
52	Building materials and farm equipment	-	128.84	127.20	121.71	122.29	-	3.15	3.11	3.02	2.99	
551,2	Motor vehicle dealers .....	-	152.25	154.31	142.26	144.08	-	3.75	3.81	3.53	3.54	
553,9	Other automotive & accessory dealers.	-	131.04	131.57	124.44	124.79	-	3.12	3.14	2.97	2.95	
591	Drug stores and proprietary stores ..	-	85.14	84.55	79.11	81.76	-	2.58	2.57	2.48	2.47	
594	Book and stationery stores .....	-	98.49	96.74	91.39	96.25	-	2.79	2.78	2.72	2.75	
598	Fuel and ice dealers.....	-	130.22	129.12	125.30	126.04	-	3.40	3.38	3.28	3.24	
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	127.65	127.97	129.03	121.77	123.09	3.45	3.44	3.45	3.30	3.30	
60	Banking .....	-	111.23	113.63	107.75	108.62	-	2.99	3.03	2.92	2.92	
61	Credit agencies other than banks .....	-	117.96	118.73	112.64	115.28	-	3.08	3.10	2.98	3.01	
612	Savings and loan associations .....	-	115.38	117.06	111.30	114.76	-	3.11	3.13	3.00	3.02	
62	Security, commodity brokers & services ..	-	223.34	226.44	200.93	201.11	-	6.02	6.12	5.46	5.45	
63	Insurance carriers .....	-	131.71	132.08	127.70	129.13	-	3.55	3.56	3.47	3.49	
631	Life insurance .....	-	133.22	133.95	128.87	131.40	-	3.62	3.63	3.56	3.60	
632	Accident and health insurance .....	-	122.95	124.05	121.44	122.51	-	3.35	3.38	3.30	3.32	
633	Fire, marine, and casualty insurance..	-	133.50	133.14	128.28	128.25	-	3.56	3.56	3.43	3.42	
-	<b>SERVICES.....</b>	109.76	108.68	109.27	104.35	104.10	3.20	3.15	3.14	3.06	3.00	
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> ...	-	76.78	76.56	72.46	74.05	-	2.20	2.20	2.15	2.08	
721	Laundries and dry cleaning plants....	-	86.51	87.11	82.02	82.13	-	2.43	2.44	2.33	2.32	
722	Photographic studios .....	-	100.57	99.53	96.17	101.03	-	2.89	2.86	2.74	2.83	
781	Motion pictures: Motion picture filming & distributing..	-	209.59	209.93	194.16	189.88	-	5.53	5.51	5.15	5.05	
806	Hospitals .....	-	107.95	107.88	102.86	104.05	-	3.12	3.10	2.99	2.99	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**
**C-2: Gross hours and earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Sept. 1972 <sup>b</sup>	Aug. 1972 <sup>b</sup>	July 1972	Sept. 1971	Aug. 1971	Sept. 1972 <sup>b</sup>	Aug. 1972 <sup>b</sup>	July 1972	Sept. 1971	Aug. 1971
	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>		41.8	41.8	41.6	41.2	-	-	-	-	-
491	Electric companies and systems .....		42.0	42.1	42.1	41.8	-	-	-	-	-
492	Gas companies and systems .....		40.8	40.6	40.6	40.3	-	-	-	-	-
493	Combination companies and systems ..		42.3	42.3	41.5	40.8	-	-	-	-	-
494-7	Water, steam & sanitary systems .....		41.5	41.6	42.8	42.1	-	-	-	-	-
-	<b>WHOLESALE AND RETAIL TRADE .....</b>	35.1	36.0	36.0	35.2	36.0					
50	<b>WHOLESALE TRADE .....</b>	39.8	39.9	40.1	39.7	39.9					
501	Motor vehicles & automotive equipment ..	-	40.7	40.3	39.6	39.9					
502	Drugs, chemicals, and allied products ...	-	38.5	38.6	38.8	38.7					
503	Dry goods and apparel .....	-	37.0	37.4	37.4	37.6					
504	Groceries and related products .....	-	40.2	40.8	39.8	39.9					
506	Electrical goods .....	-	40.8	40.8	40.8	41.0					
507	Hardware; plumbing & heating equipment ..	-	40.1	39.6	40.0	40.1					
508	Machinery, equipment, and supplies .....	-	40.7	41.1	40.7	40.8					
509	Miscellaneous wholesalers .....	-	39.3	39.4	39.2	39.6					
52-59	<b>RETAIL TRADE .....</b>	33.6	34.8	34.7	33.7	34.7					
53	Retail general merchandise .....	-	32.9	32.8	32.2	33.0					
531	Department stores .....	-	32.5	32.2	31.8	32.5					
532	Mail order houses .....	-	38.6	38.3	37.5	38.3					
533	Variety stores .....	-	31.5	31.7	30.4	31.0					
54	Food stores .....	-	33.6	33.8	32.6	33.6					
541-3	Grocery, meat, and vegetable stores ...	-	34.0	34.1	32.9	33.9					
56	Apparel and accessory stores .....	-	32.6	32.5	31.8	32.5					
561	Men's & boys' clothing & furnishings ..	-	34.2	34.2	33.4	33.9					
562	Women's ready-to-wear stores .....	-	31.0	30.9	30.5	31.0					
565	Family clothing stores .....	-	34.1	34.2	33.9	34.8					
566	Shoe stores .....	-	33.0	32.0	30.9	32.5					
57	Furniture and home furnishings stores ...	-	37.7	37.6	37.3	37.8					
571	Furniture and home furnishings .....	-	37.7	37.7	37.2	37.6					
58	Eating and drinking places <sup>8</sup> .....	-	32.6	32.5	30.9	32.4					
52,55,59	Other retail trade .....	-	38.5	38.5	37.8	38.5					
52	Building materials and farm equipment ..	-	40.9	40.9	40.3	40.9					
551,2	Motor vehicle dealers .....	-	40.6	40.5	40.3	40.7					
553,9	Other automotive & accessory dealers ..	-	42.0	41.9	41.9	42.3					
591	Drug stores and proprietary stores ...	-	33.0	32.9	31.9	33.1					
594	Book and stationery stores .....	-	35.3	34.8	33.6	35.0					
598	Fuel and ice dealers .....	-	38.3	38.2	38.2	38.9					
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup> .....</b>	37.0	37.2	37.4	36.9	37.3					
60	Banking .....	-	37.2	37.5	36.9	37.2					
61	Credit agencies other than banks .....	-	38.3	38.3	37.8	38.3					
612	Savings and loan associations .....	-	37.1	37.4	37.1	38.0					
62	Security, commodity brokers & services ..	-	37.1	37.0	36.8	36.9					
63	Insurance carriers .....	-	37.1	37.1	36.8	37.0					
631	Life insurance .....	-	36.8	36.9	36.2	36.5					
632	Accident and health insurance .....	-	36.7	36.7	36.8	36.9					
633	Fire, marine, and casualty insurance ...	-	37.5	37.4	37.4	37.5					
-	<b>SERVICES .....</b>	34.3	34.5	34.8	34.1	34.7					
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> ...		34.9	34.8	33.7	35.6					
721	Personal Services: Laundries & dry cleaning plants .....		35.6	35.7	35.2	35.4					
722	Photographic studios .....		34.8	34.8	35.1	35.7					
781	Motion pictures: Motion picture filming & distributing ...		37.9	38.1	37.7	37.6					
806	Hospitals .....		34.6	34.8	34.4	34.8					

<sup>1</sup> For coverage of series, see footnote 1, table B-2.

<sup>2</sup> Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more.

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1971, such employees made up 29 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1971, such employees made up 34 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>5</sup> Data relate to nonsupervisory employees except messengers.

<sup>6</sup> Money payments only; tips, not included.

<sup>7</sup> Data for nonoffice salesmen excluded from all series in this division.

<sup>8</sup> Not available.

p= preliminary.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government**

(Employment in thousands—includes both supervisory and nonsupervisory employees)

Item	1972							1971					
	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July
<b>EXECUTIVE BRANCH</b>													
Total employment . . . . .	2,602.7	2,617.6	2,621.1	2,624.0	2,616.3	2,616.2	2,614.1	2,645.2	2,615.7	2,619.5	2,626.9	2,649.8	2,647.6
Average weekly hours . . . . .	39.6	39.2	39.3	39.2	39.2	39.3	39.4	42.2	39.4	40.0	39.5	39.4	39.6
Average overtime hours . . . . .	1.0	.9	.9	.8	.7	.8	0	3.3	.8	.9	.9	.8	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	148.6	149.2	149.6	148.7	149.2	148.5	147.0	153.7	137.6	139.9	141.2	139.2	137.2
Average hourly earnings . . . . .	147.8	150.0	150.0	149.5	150.0	148.9	147.0	143.5	137.6	137.8	140.8	139.2	136.5
<b>DEPARTMENT OF DEFENSE</b>													
Total employment . . . . .	976.2	988.4	987.9	987.5	988.2	990.9	992.9	995.4	997.2	998.1	998.1	1,001.4	1,001.4
Average weekly hours . . . . .	40.1	39.7	40.0	39.8	39.9	40.0	40.1	39.8	40.1	41.1	40.0	39.8	40.5
Average overtime hours . . . . .	.9	1.0	1.0	.8	.7	.6	.6	.6	.8	.8	.9	.9	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	147.2	150.6	150.6	149.1	150.0	147.9	147.0	141.8	142.3	142.8	141.2	138.9	139.7
Average hourly earnings . . . . .	148.0	152.9	151.8	151.0	151.5	149.0	147.7	143.6	143.1	140.1	142.2	140.6	139.0
<b>POSTAL SERVICE</b>													
Total employment . . . . .	673.8	694.2	698.8	703.6	704.2	704.2	706.0	738.9	705.8	703.7	705.6	713.7	709.8
Average weekly hours . . . . .	39.3	38.4	38.5	38.6	38.5	38.7	38.8	49.8	38.5	39.5	39.0	38.6	38.9
Average overtime hours . . . . .	1.2	.8	.8	.9	.8	.9	1.0	10.7	1.0	1.1	.7	.7	.7
Indexes (1967=100):													
Average weekly earnings . . . . .	154.3	151.3	150.8	150.9	150.5	151.6	148.3	208.1	140.2	143.8	143.2	141.2	136.4
Average hourly earnings . . . . .	151.5	152.1	151.2	150.9	150.9	151.2	147.6	161.3	140.5	130.5	141.8	141.2	135.4
<b>OTHER AGENCIES</b>													
Total employment . . . . .	952.7	935.0	934.4	932.9	923.9	921.1	915.2	910.9	912.7	917.7	923.2	934.7	936.4
Average weekly hours . . . . .	39.4	39.3	39.0	38.9	39.0	38.9	39.0	39.1	39.2	39.2	39.1	39.4	39.3
Average overtime hours . . . . .	1.0	.9	.8	.9	.7	1.0	0	.6	.7	.8	.9	.9	.8
Indexes (1967=100):													
Average weekly earnings . . . . .	147.3	148.2	148.5	147.7	149.3	148.7	147.5	134.0	132.3	136.0	140.4	138.7	137.9
Average hourly earnings . . . . .	145.0	146.3	147.8	147.3	148.5	148.3	146.8	132.9	130.9	134.7	139.4	136.6	136.1

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage-board employees. Since these averages relate to hours and earnings of all workers, both supervisory and nonsupervisory, they are not comparable to similar data presented in table C-2 which relate only to production or nonsupervisory workers.

**C-4: Average hourly earnings excluding overtime of production workers on manufacturing payrolls, by industry**

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971
<b>MANUFACTURING</b> . . . . .	\$3.68	\$3.64	\$3.63	\$3.46	\$3.43
<b>DURABLE GOODS</b> . . . . .	3.91	3.87	3.85	3.68	3.65
Ordnance and accessories . . . . .		3.95	3.95	3.77	3.76
Lumber and wood products . . . . .		3.17	3.18	3.07	3.05
Furniture and fixtures . . . . .		2.94	2.93	2.85	2.83
Stone, clay, and glass products . . . . .		3.73	3.71	3.54	3.53
Primary metal industries . . . . .		4.49	4.45	4.19	4.15
Fabricated metal products . . . . .		3.83	3.81	3.64	3.62
Machinery, except electrical . . . . .		4.08	4.06	3.90	3.89
Electrical equipment and supplies . . . . .		3.56	3.55	3.41	3.39
Transportation equipment . . . . .		4.47	4.43	4.23	4.20
Instruments and related products . . . . .		3.61	3.60	3.46	3.44
Miscellaneous manufacturing industries . . . . .	-	2.99	3.01	2.88	2.87
<b>NONDURABLE GOODS</b> . . . . .	3.36	3.33	3.34	3.18	3.15
Food and kindred products . . . . .		3.39	3.41	3.21	3.19
Tobacco manufactures . . . . .		3.29	3.49	2.92	3.07
Textile mill products . . . . .		2.59	2.58	2.46	2.46
Apparel and other textile products . . . . .		2.56	2.53	2.47	2.45
Paper and allied products . . . . .		3.75	3.75	3.55	3.52
Printing and publishing . . . . .		(2)	(2)	(2)	(2)
Chemicals and allied products . . . . .		4.06	4.07	3.87	3.84
Petroleum and coal products . . . . .		4.74	4.76	4.45	4.39
Rubber and plastics products, n e c . . . . .		3.46	3.45	3.31	3.29
Leather and leather products . . . . .	-	2.63	2.62	2.56	2.53

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

<sup>2</sup>Not 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.

p = preliminary.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**
**C-5: Gross and spendable average weekly earnings of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, in current and 1967 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1971
<b>TOTAL PRIVATE:</b>									
Current dollars.....	\$137.24	\$136.86	\$129.03	\$112.44	\$112.16	\$105.07	\$121.95	\$121.65	\$113.79
1967 dollars.....	109.18	109.05	105.68	89.45	89.37	86.05	97.02	96.93	93.19
<b>MINING:</b>									
Current dollars.....	186.60	184.44	173.44	149.33	147.61	138.89	161.12	159.31	149.53
1967 dollars.....	148.45	146.96	142.05	118.80	117.62	113.75	128.18	126.94	122.47
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars.....	229.96	225.88	220.03	183.58	180.37	175.50	197.48	194.06	188.42
1967 dollars.....	182.94	179.98	180.20	146.05	143.72	143.73	157.10	154.63	154.32
<b>MANUFACTURING:</b>									
Current dollars.....	154.28	152.71	141.69	125.02	123.86	114.42	135.24	134.02	123.65
1967 dollars.....	122.74	121.68	116.04	99.46	98.69	93.71	107.59	106.79	101.27
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars.....	190.48	189.66	172.98	152.42	151.77	138.52	164.38	163.69	149.15
1967 dollars.....	151.54	151.12	141.67	121.26	120.93	113.45	130.77	130.43	122.15
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars.....	108.00	108.36	103.32	90.70	90.98	85.97	98.78	99.07	93.46
1967 dollars.....	85.92	86.34	84.62	72.16	72.49	70.41	78.58	78.94	76.54
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars.....	127.97	129.03	123.09	105.60	106.38	100.69	114.64	115.48	109.10
1967 dollars.....	101.81	102.81	100.81	84.01	84.76	82.47	91.20	92.02	89.35
<b>SERVICES:</b>									
Current dollars.....	108.68	109.27	104.10	91.22	91.67	86.56	99.33	99.80	94.08
1967 dollars.....	86.46	87.07	85.26	72.57	73.04	70.89	79.02	79.52	77.05
<b>CONSUMER PRICE INDEX (All items, 1967 = 100).....</b>	125.7	125.5	122.1	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

<sup>1</sup>For coverage of series, see footnote 1, table B-2.  
p = preliminary (applicable to earnings data only).

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

100

**C-6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls**

Industry division and group	1967 = 100				
	Sept. 1972 <sup>p</sup>	Aug. 1972 <sup>p</sup>	July 1972	Sept. 1971	Aug. 1971
	Man-hours				
<b>TOTAL . . . . .</b>	108.9	109.5	108.2	104.2	105.1
<b>GOODS-PRODUCING . . . . .</b>	102.5	101.4	97.8	96.5	96.2
<b>MINING . . . . .</b>	100.2	100.0	98.8	99.7	100.3
<b>CONTRACT CONSTRUCTION . . . . .</b>	118.3	119.9	115.7	111.2	116.6
<b>MANUFACTURING . . . . .</b>	99.8	98.2	94.6	93.8	92.4
<b>DURABLE GOODS . . . . .</b>	97.8	95.2	91.9	89.2	87.2
Ordnance and accessories . . . . .	57.7	57.0	54.9	54.2	53.4
Lumber and wood products . . . . .	106.7	109.0	106.8	100.9	101.3
Furniture and fixtures . . . . .	111.8	111.9	105.8	101.9	100.6
Stone, clay, and glass products . . . . .	110.1	110.8	109.1	104.4	105.2
Primary metal industries . . . . .	96.7	94.6	93.2	83.7	80.9
Fabricated metal products . . . . .	101.7	99.7	96.7	94.3	93.2
Machinery, except electrical . . . . .	90.7	88.3	87.4	82.2	79.9
Electrical equipment . . . . .	97.9	94.4	91.3	89.5	87.4
Transportation equipment . . . . .	95.0	87.7	80.8	85.6	81.5
Instruments and related products . . . . .	98.7	96.7	94.7	90.7	88.9
Miscellaneous manufacturing . . . . .	103.5	101.9	93.5	97.3	96.0
<b>NONDURABLE GOODS . . . . .</b>	102.7	102.7	98.5	100.4	100.0
Food and kindred products . . . . .	108.6	108.7	102.2	110.6	109.9
Tobacco manufactures . . . . .	81.3	82.1	65.1	98.3	88.2
Textile mill products . . . . .	104.4	104.5	100.8	98.5	98.8
Apparel and other textile products . . . . .	94.9	95.5	88.6	94.0	94.7
Paper and allied products . . . . .	104.7	104.5	102.5	99.8	98.9
Printing and publishing . . . . .	99.1	98.3	97.3	96.7	95.9
Chemicals and allied products . . . . .	99.3	98.4	98.2	98.9	97.2
Petroleum and coal products . . . . .	103.5	103.7	104.3	104.5	104.8
Rubber and plastics products, nec . . . . .	126.7	124.1	119.3	113.7	110.4
Leather and leather products . . . . .	85.6	89.7	86.1	81.4	85.2
<b>SERVICE-PRODUCING . . . . .</b>	113.4	115.1	115.4	109.6	111.3
<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	106.0	106.1	105.9	105.0	104.1
<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	110.8	113.1	113.0	107.1	109.1
<b>WHOLESALE TRADE . . . . .</b>	110.5	111.0	110.9	105.9	106.9
<b>RETAIL TRADE . . . . .</b>	110.9	113.9	113.8	107.6	109.9
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	120.4	122.6	123.0	116.8	119.5
<b>SERVICES . . . . .</b>	118.3	119.8	120.7	113.1	115.2

<sup>1</sup> For coverage of series, see footnote 1, table B-2, preliminary.

**C-6: Indexes of aggregate weekly man-hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls--Continued**

1967 = 100

Industry division and group	Sept. 1972 <sup>b</sup>	Aug. 1972 <sup>b</sup>	July 1972	Sept. 1971	Aug. 1971
	Payrolls				
<b>TOTAL . . . . .</b>	150.8	149.4	147.0	136.1	135.5
<b>GOODS-PRODUCING . . . . .</b>	144.1	140.7	135.0	127.2	125.8
<b>MINING . . . . .</b>	139.6	137.1	134.8	130.1	129.4
<b>CONTRACT CONSTRUCTION . . . . .</b>	176.5	175.4	167.7	157.6	162.4
<b>MANUFACTURING . . . . .</b>	135.9	131.9	126.6	119.3	116.3
<b>DURABLE GOODS . . . . .</b>	133.6	128.1	122.7	113.4	109.9
Ordnance and accessories . . . . .	75.4	73.6	70.7	66.2	65.0
Lumber and wood products . . . . .	151.4	153.7	150.9	137.2	137.1
Furniture and fixtures . . . . .	149.8	148.0	138.4	129.3	127.2
Stone, clay, and glass products . . . . .	155.7	155.5	152.2	138.9	139.6
Primary metal industries . . . . .	137.2	133.0	129.4	108.8	103.7
Fabricated metal products . . . . .	138.3	133.7	129.0	119.4	117.1
Machinery, except electrical . . . . .	123.4	118.1	116.2	104.1	100.7
Electrical equipment . . . . .	131.2	125.2	120.4	113.2	109.8
Transportation equipment . . . . .	132.0	119.7	108.8	109.4	103.2
Instruments and related products . . . . .	129.7	126.2	123.1	113.4	110.6
Miscellaneous manufacturing . . . . .	137.6	134.2	123.1	123.2	120.9
<b>NONDURABLE GOODS . . . . .</b>	140.0	138.5	133.2	129.3	127.3
Food and kindred products . . . . .	147.9	146.8	138.8	141.8	139.5
Tobacco manufactures . . . . .	119.2	121.6	102.2	130.6	123.7
Textile mill products . . . . .	139.6	138.6	132.8	123.7	123.8
Apparel and other textile products . . . . .	123.6	123.2	112.6	116.8	116.3
Paper and allied products . . . . .	145.5	144.6	141.8	130.7	128.3
Printing and publishing . . . . .	138.0	134.6	133.2	126.5	124.0
Chemicals and allied products . . . . .	136.4	133.8	133.7	128.3	124.7
Petroleum and coal products . . . . .	145.1	143.7	144.9	136.1	134.3
Rubber and plastics products, nec . . . . .	168.2	164.0	156.7	143.5	138.0
Leather and leather products . . . . .	112.8	117.5	112.4	103.2	106.7
<b>SERVICE-PRODUCING . . . . .</b>	156.6	157.0	157.3	143.7	143.8
<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	154.3	153.5	152.5	140.5	136.7
<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	150.2	151.3	151.6	138.4	139.6
WHOLESALE TRADE . . . . .	149.7	148.8	149.2	136.9	137.5
RETAIL TRADE . . . . .	150.4	152.7	152.8	139.2	140.7
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	160.9	163.1	164.5	149.2	152.7
<b>SERVICES . . . . .</b>	165.2	164.7	165.7	151.2	151.0

<sup>1</sup> For coverage of series, see footnote 1, table B-2.  
<sup>b</sup> preliminary.

**ESTABLISHMENT DATA**  
**SEASONALLY ADJUSTED HOURS**

102

**C-7: Average weekly hours of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, seasonally adjusted**

Industry	1972										1971		
	Sept. p	Aug. p	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>TOTAL PRIVATE</b> .....	37.3	37.1	37.2	37.1	37.0	37.3	37.1	37.2	37.0	37.1	37.1	37.0	36.9
<b>MINING</b> .....	43.4	42.5	42.1	42.6	42.3	42.4	42.8	42.5	42.7	42.4	42.3	42.5	42.1
<b>CONTRACT CONSTRUCTION</b> .....	37.1	37.1	37.0	36.9	36.7	36.7	37.2	37.3	37.1	36.8	39.0	37.6	35.8
<b>MANUFACTURING</b> .....	40.7	40.6	40.6	40.7	40.5	40.8	40.4	40.4	40.1	40.2	40.1	39.9	39.6
<i>Overtime hours</i> .....	3.5	3.4	3.4	3.4	3.4	3.5	3.3	3.2	2.9	3.1	3.0	3.0	2.8
<b>DURABLE GOODS</b> .....	41.2	41.3	41.2	41.3	41.1	41.4	41.0	41.1	40.6	40.9	40.6	40.4	39.7
<i>Overtime hours</i> .....	3.7	3.6	3.5	3.4	3.5	3.7	3.3	3.2	2.9	3.0	2.9	2.8	2.8
<i>Ordinance and accessories</i> .....	42.3	42.8	42.4	42.0	42.0	42.2	42.0	42.2	41.7	41.9	41.9	41.7	41.8
Lumber and wood products .....	41.0	41.2	41.1	41.2	41.0	41.1	40.9	40.8	40.9	40.7	40.7	40.7	40.3
Furniture and fixtures .....	40.6	40.5	40.4	40.8	40.5	40.7	40.4	40.6	40.3	40.0	40.0	39.8	39.5
Stone, clay, and glass products .....	41.6	41.7	41.9	42.0	41.8	42.0	42.0	42.0	41.9	41.6	41.8	41.9	41.4
Primary metal industries .....	41.8	41.6	41.4	41.4	41.3	41.4	41.1	41.0	40.6	40.9	40.4	40.3	39.5
Fabricated metal products .....	41.0	41.3	41.3	41.2	41.1	41.4	40.9	41.0	40.6	40.9	40.5	40.2	39.6
Machinery, except electrical .....	42.5	42.4	42.0	42.1	41.8	41.9	41.4	41.4	41.0	41.2	41.1	40.8	40.6
Electrical equipment and supplies .....	40.6	40.4	40.3	40.5	40.4	40.8	40.2	40.6	40.0	40.2	40.1	39.9	39.7
Transportation equipment .....	41.2	41.2	41.3	41.6	41.9	43.0	41.7	41.7	40.9	41.5	40.7	40.4	38.6
Instruments and related products .....	40.6	40.6	40.4	40.6	40.6	40.7	40.3	40.6	40.3	40.4	40.1	40.0	39.8
Miscellaneous manufacturing industries .....	39.6	39.5	39.3	39.5	39.4	39.6	39.2	39.4	39.1	39.2	39.1	39.1	39.0
<b>NONDURABLE GOODS</b> .....	39.7	39.8	39.6	39.7	39.6	39.8	39.6	39.6	39.4	39.5	39.5	39.3	39.2
<i>Overtime hours</i> .....	3.2	3.2	3.3	3.3	3.2	3.5	3.3	3.2	3.1	3.0	3.0	3.0	3.1
Food and kindred products .....	40.1	40.3	40.4	40.5	40.4	40.7	40.6	40.1	40.0	40.3	40.0	40.1	40.0
Tobacco manufactures .....	34.2	35.4	34.3	34.2	33.7	34.1	34.5	34.1	34.6	35.5	35.6	35.1	36.5
Textile mill products .....	41.3	41.3	41.2	41.3	41.2	41.7	41.4	41.2	41.2	41.0	41.1	40.8	40.5
Apparel and other textile products .....	36.1	36.1	36.0	35.9	35.6	36.2	35.8	36.2	35.9	35.9	36.2	35.9	35.7
Paper and allied products .....	43.0	42.9	42.8	43.0	42.5	42.9	42.7	42.6	42.2	42.4	42.3	42.1	41.9
Printing and publishing .....	38.2	38.0	38.0	37.9	37.7	38.0	37.6	37.6	37.4	37.5	37.6	37.5	37.4
Chemicals and allied products .....	41.8	41.6	41.8	42.0	41.6	41.7	41.8	41.8	41.7	41.7	41.5	41.5	42.0
Petroleum and coal products .....	42.2	41.9	41.6	42.2	42.0	42.4	42.2	42.2	42.4	42.6	42.0	42.3	42.4
Rubber and plastics products, nec .....	41.1	41.4	40.9	41.3	41.0	41.3	41.0	41.0	40.8	40.8	40.6	40.4	40.0
Leather and leather products .....	38.7	38.9	38.4	38.6	38.6	39.1	38.2	38.5	38.1	38.0	38.2	37.9	37.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	40.4	40.6	40.3	40.6	40.6	40.4	40.4	40.3	40.2	40.5	40.4	40.2	40.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	35.0	35.1	35.1	35.3	35.1	35.2	35.2	35.1	35.1	35.3	35.2	35.2	35.1
<b>WHOLESALE TRADE</b> .....	39.8	39.7	39.8	39.9	40.0	39.9	39.9	39.9	39.8	39.8	39.9	39.8	39.7
<b>RETAIL TRADE</b> .....	33.5	33.7	33.7	33.8	33.7	33.7	33.6	33.6	33.7	33.9	33.7	33.7	33.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	37.1	37.1	37.3	37.2	37.1	37.3	37.1	37.1	37.3	37.0	37.0	37.1	37.0
<b>SERVICES</b> .....	34.4	34.0	34.3	34.1	34.0	34.1	34.1	34.2	34.1	34.2	34.1	34.2	34.2

<sup>1</sup>For coverage of series, see footnote 1, table B-2.  
p = preliminary.

C-8: Indexes of aggregate weekly man-hours of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, seasonally adjusted

Industry division and group	1972										1971		
	Sept. p	Aug. p	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>TOTAL</b> .....	107.3	106.8	106.4	106.7	106.2	105.9	105.2	104.8	104.3	104.1	103.9	103.1	102.6
<b>GOODS-PRODUCING</b> .....	98.7	98.2	97.3	98.2	97.5	97.5	96.5	96.0	95.3	94.9	95.3	94.0	93.0
<b>MINING</b> .....	99.0	97.0	95.4	96.1	96.7	96.7	99.8	98.7	99.3	97.6	79.2	79.1	98.6
<b>CONTRACT CONSTRUCTION</b> .....	106.4	106.0	104.3	106.1	105.3	103.7	105.9	105.3	106.3	103.4	111.8	106.4	100.2
<b>MANUFACTURING</b> .....	97.3	96.9	96.2	96.9	96.2	96.4	94.8	94.3	93.2	93.3	93.0	92.3	91.6
<b>DURABLE GOODS</b> .....	95.9	95.2	94.2	94.6	94.2	94.1	92.0	91.6	90.1	90.2	89.7	89.1	87.8
Ordnance and accessories .....	57.0	57.1	56.0	54.9	53.2	52.8	51.4	51.7	51.7	51.9	52.5	53.4	53.5
Lumber and wood products .....	103.7	104.8	103.8	103.8	102.9	103.2	101.9	101.5	101.7	100.8	101.0	100.2	98.3
Furniture and fixtures .....	109.7	109.7	109.2	109.2	107.6	108.1	106.5	106.5	104.9	103.3	102.3	101.0	99.9
Stone, clay, and glass products .....	106.0	106.3	106.4	106.6	105.7	104.8	104.8	104.0	103.6	101.4	102.3	101.9	100.5
Primary metal industries .....	97.9	94.3	91.8	92.5	92.8	91.7	90.2	88.5	87.5	87.3	86.3	86.5	84.7
Fabricated metal products .....	99.4	99.8	99.1	99.2	98.6	98.3	96.2	95.9	94.4	94.6	94.0	93.4	92.4
Machinery, except electrical .....	90.8	70.5	88.7	89.1	87.7	86.3	84.5	84.5	82.9	83.6	83.5	82.4	82.2
Electrical equipment .....	96.0	94.4	93.5	94.3	93.0	93.2	91.2	91.5	89.5	89.9	89.3	88.7	87.6
Transportation equipment .....	90.4	90.2	90.6	91.0	92.8	94.9	90.3	89.5	87.2	88.7	87.5	86.5	83.6
Instruments and related products .....	97.8	96.8	96.0	96.5	95.4	94.2	92.3	93.0	91.9	91.1	91.5	90.9	90.1
Miscellaneous manufacturing .....	98.5	98.3	96.9	98.3	97.2	98.3	96.7	96.6	94.7	93.1	92.6	92.6	93.0
<b>NONDURABLE GOODS</b> .....	99.4	99.3	99.0	100.1	99.1	99.8	98.8	98.3	97.7	97.7	97.8	97.0	97.1
Food and kindred products .....	96.6	96.9	98.8	100.3	98.3	99.4	99.2	97.4	97.8	98.2	97.6	96.3	98.3
Tobacco manufactures .....	64.9	72.1	74.7	75.7	74.5	75.4	76.3	71.8	72.9	73.6	76.3	72.7	78.2
Textile mill products .....	103.7	103.9	102.8	103.4	102.9	103.8	102.9	101.6	101.4	100.4	100.2	98.8	97.9
Apparel and other textile products .....	94.1	94.0	92.1	93.6	93.2	95.3	93.5	94.7	93.3	93.6	95.2	94.1	93.4
Paper and allied products .....	103.5	102.9	102.4	102.9	101.7	101.2	100.3	99.5	98.6	99.0	98.8	98.9	98.6
Printing and publishing .....	98.3	98.1	98.1	97.9	97.7	98.2	97.0	96.9	96.5	96.2	96.4	96.3	95.9
Chemicals and allied products .....	99.2	97.9	98.2	99.1	98.0	97.4	97.6	97.8	97.7	97.7	97.4	97.4	98.8
Petroleum and coal products .....	100.9	100.2	98.7	100.9	100.5	101.4	100.9	100.9	99.7	102.8	99.6	101.2	101.4
Rubber and plastics products, nec .....	124.1	123.8	121.8	123.7	120.6	120.2	118.1	117.1	115.5	114.5	113.7	112.9	111.1
Leather and leather products .....	87.2	87.9	86.8	88.6	88.6	88.4	86.0	86.4	84.5	84.3	84.4	83.7	82.8
<b>SERVICE-PRODUCING</b> .....	113.2	112.8	112.6	112.7	112.2	111.8	111.3	110.8	110.5	110.5	109.8	109.5	109.3
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	104.1	104.3	103.5	104.7	104.9	104.1	104.3	102.8	103.1	103.1	102.3	101.8	103.0
<b>WHOLESALE AND RETAIL TRADE</b> .....	110.7	110.8	110.4	110.9	110.5	109.8	109.1	108.7	108.2	108.4	107.7	107.3	107.0
<b>WHOLESALE TRADE</b> .....	110.0	109.1	108.7	109.4	109.5	108.5	108.2	107.4	106.8	106.4	106.4	105.9	105.4
<b>RETAIL TRADE</b> .....	110.9	111.3	111.1	111.4	110.8	110.3	109.5	109.2	108.8	109.2	108.2	107.8	107.5
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	120.5	120.0	120.4	120.4	119.6	119.6	118.9	118.5	118.9	117.7	117.6	117.5	116.9
<b>SERVICES</b> .....	118.6	117.3	117.6	116.6	115.8	115.7	115.1	115.2	114.4	114.5	113.7	113.6	113.2

<sup>1</sup> For coverage of series, see footnote 1, table B-2.  
p= preliminary.

C-9: Man-hours of wage and salary workers<sup>1</sup> in nonagricultural establishments

Industry division	Annual rate, millions of man-hours <sup>2</sup>			Percent change <sup>3</sup>		
	September 1972 p	August 1972 p	July 1972 p	August 1972 to September 1972	July 1972 to August 1972	September 1971 to September 1972
<b>TOTAL — ALL INDUSTRIES</b> .....	143,648	142,515	142,238	10.0	2.4	4.3
<b>TOTAL — PRIVATE</b> .....	116,114	115,575	115,170	5.7	4.3	4.2
<b>MINING</b> .....	1,368	1,333	1,311	36.5	22.1	1.1
<b>CONTRACT CONSTRUCTION</b> .....	6,826	6,824	6,713	0.4	21.7	6.7
<b>MANUFACTURING</b> .....	39,907	39,652	39,503	8.0	4.6	4.8
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	9,433	9,473	9,374	- 5.0	13.4	1.3
<b>WHOLESALE AND RETAIL TRADE</b> .....	28,709	28,734	28,641	- 1.0	4.0	3.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	7,622	7,593	7,617	4.7	- 3.7	3.7
<b>SERVICES</b> .....	22,249	21,966	22,011	16.6	- 2.4	5.0
<b>GOVERNMENT</b> .....	27,534	26,940	27,068	29.9	- 5.5	5.1

<sup>1</sup> Data refer to hours paid for all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies*—Chapter 25. Output Per Man-Hour Measures, Private Economy.

<sup>2</sup> "Annual rate" refers to total man-hours for 1 week in the month, seasonally adjusted, and expressed as an annual equivalent.

<sup>3</sup> Percent change compounded at annual rates.

p= preliminary.

NOTE: Man-hours data are based on a March 1971 benchmark.

SOURCE: Bureau of Labor Statistics, Office of Productivity and Technology.

**OUTPUT PER MAN-HOUR  
SEASONALLY ADJUSTED**

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**C-10: Output per man-hour, hourly compensation, and unit labor costs,  
private economy, seasonally adjusted**

(Indexes 1967 = 100)

Year and quarter	Output		Man-hours		Output per man-hour		Compensation per man-hour <sup>1</sup>		Real compensation per man-hour <sup>2</sup>		Unit labor costs		Unit nonlabor payments <sup>3</sup>		Implicit price deflator	
	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm
1969: 1st quarter	107.3	107.4	103.4	104.0	103.7	103.2	112.5	111.9	104.9	104.2	108.5	108.3	102.6	102.6	106.2	106.2
2d quarter	107.7	108.1	104.2	104.9	103.4	103.0	114.5	113.7	104.9	104.2	110.7	110.4	102.8	102.6	107.6	107.4
3d quarter	108.2	108.5	104.5	105.4	103.6	103.0	116.7	115.6	105.5	104.5	112.7	112.3	103.0	103.0	108.9	108.8
4th quarter	107.5	107.9	104.0	105.2	103.3	102.5	119.5	118.0	106.5	105.2	115.6	115.1	102.1	101.8	110.4	110.1
Annual average	107.7	108.0	104.0	104.9	103.5	102.9	115.8	114.8	105.5	104.5	111.9	111.6	102.6	102.5	108.3	108.1
1970: 1st quarter	106.8	107.0	103.7	104.9	103.0	102.0	121.5	119.9	106.6	105.2	117.9	117.5	102.1	101.6	111.8	111.5
2d quarter	107.3	107.3	103.1	104.0	104.0	103.2	123.1	121.9	106.4	105.3	118.3	118.1	104.2	104.1	112.8	112.8
3d quarter	107.9	108.1	102.0	103.1	105.8	104.9	126.0	124.5	107.6	106.4	119.1	118.7	105.7	105.8	113.9	113.9
4th quarter	106.5	106.5	100.8	102.0	105.6	104.4	127.7	126.1	107.7	106.3	120.9	120.7	107.4	107.9	115.6	115.9
Annual average	107.1	107.2	102.4	103.5	104.6	103.6	124.5	123.1	107.0	105.8	119.0	118.8	104.9	104.9	113.5	113.5
1971: 1st quarter	108.7	108.7	101.3	102.5	107.3	106.1	130.1	128.4	108.8	107.5	121.2	121.1	110.3	110.6	117.0	117.1
2d quarter	109.7	109.8	101.7	102.8	107.8	106.9	132.0	130.7	109.3	108.2	122.4	122.3	111.6	111.7	118.2	118.3
3d quarter	110.4	110.5	101.4	102.6	108.8	107.6	134.1	132.5	109.9	108.6	123.2	123.1	112.5	112.5	119.0	119.1
4th quarter	112.3	112.7	102.2	103.3	109.9	109.1	135.9	134.4	110.8	109.6	123.6	123.3	112.6	112.3	119.3	119.1
Annual average	110.3	110.4	101.7	102.8	108.5	107.4	133.0	131.5	109.6	108.4	122.6	122.4	111.8	111.8	118.4	118.4
1972: 1st quarter	114.3	114.9	103.1	104.2	110.8	110.3	138.6	137.3	112.0	110.9	125.1	124.5	113.5	113.1	120.6	120.2
2d quarter	117.1	117.8	104.1	105.5	112.5	111.6	140.4	138.8	112.6	111.3	124.9	124.3	115.2	114.6	121.1	120.6
3d quarter																
4th quarter																
Annual average																
Percent change over previous quarter at annual rate <sup>4</sup>																
1969: 1st quarter	3.6	3.2	3.4	4.2	0.2	- 1.0	6.1	5.6	1.1	0.6	5.9	6.7	1.5	0.7	4.2	4.4
2d quarter	1.8	2.5	3.3	3.6	- 1.5	- 1.1	7.0	6.6	0.1	- 0.3	8.6	7.7	0.6	0.1	5.5	4.9
3d quarter	1.7	1.8	0.9	1.9	0.8	- 0.0	8.2	7.0	2.2	1.1	7.3	7.1	1.0	1.5	4.9	5.0
4th quarter	- 2.5	- 2.5	- 1.6	- 0.7	- 1.0	- 1.8	9.8	8.6	3.8	2.7	10.8	10.6	- 3.6	- 4.6	5.4	4.9
1970: 1st quarter	- 2.6	- 3.0	- 1.4	- 1.2	- 1.2	- 1.8	6.9	6.5	0.6	0.2	8.2	8.4	0.2	- 0.5	5.2	5.2
2d quarter	1.7	1.1	- 2.2	- 3.6	4.0	4.8	5.4	7.1	- 1.0	0.5	1.4	2.2	8.2	10.2	3.8	4.9
3d quarter	2.3	2.9	- 4.3	- 3.5	7.0	6.6	9.6	8.9	4.9	4.1	2.5	2.1	6.2	6.7	3.8	3.7
4th quarter	- 5.1	- 5.7	- 4.5	- 4.0	- 0.6	- 1.7	5.6	4.9	0.2	- 0.4	6.3	6.8	6.4	8.1	6.3	7.2
1971: 1st quarter	8.7	8.6	2.1	2.1	6.5	6.4	7.7	7.8	4.3	4.4	1.1	1.3	11.3	10.5	4.7	4.5
2d quarter	3.7	4.1	1.7	1.0	2.0	3.1	6.1	7.2	1.6	2.7	4.0	4.0	4.9	4.0	4.3	4.0
3d quarter	2.5	2.4	- 1.2	- 0.5	3.8	2.9	6.4	5.6	2.3	1.5	2.5	2.7	3.2	2.7	2.8	2.7
4th quarter	7.2	8.1	3.0	2.6	4.1	5.4	5.6	6.0	3.3	3.6	1.5	0.5	0.2	- 0.6	1.0	0.1
1972: 1st quarter	7.0	8.1	3.6	3.5	3.3	4.5	8.1	8.7	4.6	5.1	4.7	4.0	3.5	3.0	4.2	3.7
2d quarter	10.2	10.6	4.0	5.3	6.0	5.0	5.4	4.4	2.2	1.3	- 0.6	- 0.5	5.9	5.4	1.7	1.5
3d quarter																
4th quarter																
Percent change over previous year <sup>5</sup>																
Year ending -																
1971: 1st quarter	1.8	1.6	- 2.3	- 2.3	4.2	4.0	7.1	7.2	2.1	2.1	2.8	3.1	8.0	8.8	4.7	5.1
2d quarter	2.3	2.3	- 1.3	- 1.2	3.7	3.5	7.2	7.2	2.7	2.7	3.4	3.5	7.2	7.3	4.8	4.9
3d quarter	2.3	2.2	- 0.5	- 0.4	2.9	2.6	6.4	6.4	2.1	2.0	3.4	3.7	6.4	6.3	4.5	4.6
4th quarter	5.5	5.8	1.4	1.3	4.1	4.4	6.4	6.7	2.9	3.1	2.3	2.1	4.8	4.1	3.2	2.8
1972: 1st quarter	5.1	5.6	1.8	1.6	3.3	4.0	6.6	6.9	2.9	3.2	3.2	2.8	2.9	2.3	3.1	2.6
2d quarter	6.7	7.3	2.3	2.7	4.3	4.4	6.4	6.2	3.1	2.9	2.0	1.7	3.2	2.6	2.4	2.0
3d quarter																
4th quarter																

<sup>1</sup> Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplementary payments for the self-employed.

<sup>2</sup> Compensation per man-hour adjusted for changes in the Consumer Price Index.

<sup>3</sup> Nonlabor payments include profits, depreciation, interest, rental income, and indirect taxes.

<sup>4</sup> Percent change computed from original data.

<sup>5</sup> Current quarter divided by comparable quarter a year ago.

p= preliminary.

r= revised.

NOTE: Man-hour data underlying these indexes are based on a March 1970 benchmark.

SOURCE: Output data from the Bureau of Economic Analysis, U.S. Department of Commerce. Man-hours and compensation of all persons from the Bureau of Labor Statistics. See *BLS Handbook of Methods for Surveys and Studies*—Chapter 25. Output Per Man-Hour Measures, Private Economy.

C-11: Indexes of average hourly earnings, private nonfarm economy,<sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts, 1964 to date

(1967 = 100)

Year and month	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars	Current dollars	1967 dollars
	Total private <sup>2</sup>		Mining		Contract construction		Manufacturing	
1964 .....	88.6	95.3	88.3	95.0	86.6	93.2	90.3	97.2
1965 .....	91.9	97.2	91.8	97.2	90.1	95.3	92.6	98.0
1966 .....	95.6	98.4	96.2	99.0	94.6	97.3	95.7	98.5
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	106.6	102.3	105.6	101.3	107.1	102.8	106.2	101.9
1969 .....	113.6	103.5	113.7	103.5	116.5	106.1	112.6	102.5
1970 .....	121.2	104.2	120.3	103.4	127.3	109.4	119.6	102.8
1971 .....	129.7	106.9	127.2	104.9	138.1	113.8	127.5	105.1
1971: September ..	131.8	107.8	129.8	106.2	141.9	116.1	128.9	105.5
October ...	131.7	107.6	126.6	103.5	143.0	116.8	128.7	105.2
November ...	131.8	107.5	127.7	104.2	142.6	116.3	128.9	105.1
December ...	133.5	108.4	133.1	108.1	142.2	115.5	131.5	106.9
1972: January ...	134.8	109.4	134.5	109.1	143.0	116.1	132.6	107.6
February ..	135.1	109.1	134.2	108.4	142.9	115.4	133.1	107.5
March .....	135.5	109.3	134.5	108.5	143.0	115.3	133.5	107.7
April .....	136.6	109.9	135.7	109.1	144.0	115.9	134.1	107.9
May .....	136.9	109.8	135.0	108.3	145.6	116.8	134.6	107.9
June .....	136.9	109.5	135.8	108.6	144.6	115.7	134.7	107.8
July .....	137.7	109.7	136.7	108.8	145.2	115.7	135.0	107.6
August P....	138.0	109.8	136.9	108.9	146.7	116.7	135.5	107.8
September P	139.3	(*)	138.9	(*)	149.5	(*)	136.6	(*)
Year and month	Transportation and public utilities		Wholesale and retail trade		Finance, insurance, and real estate		Services	
1964 .....	89.4	96.2	87.3	93.9	89.2	96.0	86.3	92.9
1965 .....	93.6	99.0	90.7	96.0	92.5	97.8	90.7	96.0
1966 .....	96.4	99.2	95.0	97.7	96.0	98.8	95.2	98.0
1967 .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968 .....	105.5	101.3	107.2	102.8	105.8	101.5	106.6	102.3
1969 .....	112.2	102.1	114.1	103.9	112.2	102.2	114.0	103.8
1970 .....	119.0	102.3	121.1	104.1	118.9	102.2	122.2	105.0
1971 .....	130.0	107.1	128.3	105.8	126.8	104.5	131.1	108.1
1971: September ..	133.5	109.2	129.9	106.3	127.6	104.4	133.9	109.5
October ...	133.3	108.9	129.9	106.1	127.9	104.5	133.1	108.7
November ...	133.7	109.1	130.0	106.1	127.7	104.2	133.4	108.8
December ...	136.0	110.5	131.1	106.5	129.1	104.9	134.4	109.1
1972: January ...	137.6	111.7	132.4	107.5	131.3	106.6	135.8	110.2
February ..	138.1	111.6	132.6	107.1	131.2	106.0	136.2	110.0
March .....	139.1	112.2	133.1	107.3	131.5	106.1	136.3	110.0
April .....	141.1	113.5	134.1	107.9	133.4	107.3	137.5	110.6
May .....	141.6	113.5	134.2	107.6	132.7	106.4	137.4	110.2
June .....	141.5	113.2	134.6	107.7	132.7	106.2	137.4	109.9
July .....	143.8	114.6	135.2	107.7	133.8	106.6	138.4	110.3
August P....	144.4	114.9	134.8	107.2	133.1	105.8	138.5	110.2
September P.	145.5	(*)	136.2	(*)	133.8	(*)	139.6	(*)

<sup>1</sup> Production and nonsupervisory workers.

<sup>2</sup> Prior data are as follows:

Total private	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963
Current dollars .....	42.6	46.0	48.2	50.0	53.7	56.4	59.6	61.7	63.7	67.0	70.3	73.2	75.8	78.4	80.8	83.5	85.9
1967 dollars .....	63.7	63.8	67.5	69.3	69.0	70.9	74.4	76.6	79.4	82.3	83.4	84.5	86.8	88.4	90.2	92.2	93.7

\* Not available.

p = preliminary.

NOTE: Seasonally adjusted data are shown in table C-16.



**EMPLOYEE COMPENSATION DATA**  
**SEASONALLY ADJUSTED**

**C-12: Four-quarter changes in compensation, seasonally adjusted**

Measure	Percent change over 4-quarter period <sup>1</sup> ending in-								
	1972			1971			1970		
	Sept. <sup>P</sup>	June	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.
Average hourly compensation:									
All persons, total private economy	(*)	6.4	6.6	6.4	6.4	7.2	7.1	6.9	7.9
All employees, private nonfarm economy:									
Current dollars	(*)	6.2	6.8	6.6	6.4	7.3	7.3	6.9	7.6
1967 dollars	(*)	2.9	3.2	3.0	2.1	2.8	2.3	1.1	1.8
Average hourly earnings, private nonfarm economy <sup>2</sup> :									
Mining	5.8	6.2	6.5	6.5	6.5	6.9	6.3	5.6	6.1
Contract construction	6.8	7.3	8.2	2.2	6.7	6.5	6.0	6.7	6.6
Manufacturing	5.3	6.9	7.8	8.1	8.3	9.0	8.5	8.8	9.7
Transportation and public utilities	6.5	6.5	6.1	6.4	5.7	6.2	6.4	4.3	5.4
Wholesale and retail trade	9.7	10.6	10.0	9.6	9.2	8.9	8.7	6.7	6.2
Finance, insurance, and real estate	4.7	4.9	5.6	5.3	5.6	5.9	5.6	5.5	6.2
Services	4.5	4.8	5.5	5.5	6.8	7.7	5.8	5.6	5.3
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	5.8	6.3	6.6	6.6	6.9	7.4	7.2	6.6	6.8
1967 dollars	(*)	3.0	3.0	3.0	2.5	2.9	2.2	.9	1.1
Mining	7.2	7.4	8.3	4.7	6.5	5.8	5.0	5.6	5.8
Contract construction	5.3	6.7	7.8	8.0	8.2	8.9	8.7	8.7	9.7
Manufacturing	5.8	6.1	6.3	6.2	6.4	6.8	7.0	6.2	6.5
Transportation and public utilities	10.0	10.6	9.8	9.8	9.0	9.0	8.9	6.7	6.3
Wholesale and retail trade	4.8	5.0	5.6	5.7	6.0	6.4	5.9	5.6	6.1
Finance, insurance, and real estate	4.7	5.0	5.4	5.4	6.8	7.7	6.4	6.3	6.3
Services	4.7	5.5	6.2	6.1	7.2	8.0	8.0	7.7	7.6
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	7.2	6.7	3.8	7.2	8.6	13.9	10.5	10.4
Average union scales, 7 building trades: <sup>4</sup>									
Wages and selected benefits	(*)	7.3	11.1	10.8	11.7	12.1	13.7	13.0	12.6
Hourly wage rates	(*)	6.1	10.4	10.1	11.0	11.4	12.4	11.8	11.6
Wage rates, hired farm labor	(*)	5.7	4.0	3.5	5.3	5.5	6.1	5.6	6.3
Average weekly earnings, private nonfarm economy: <sup>2</sup>									
Current dollars	6.6	6.6	6.9	7.0	6.0	6.4	5.2	3.8	4.4
1967 dollars	(*)	3.4	3.3	3.4	1.6	1.9	.3	-1.8	-1.2
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	4.1	4.1	4.2	2.5	2.8	1.3	-1.3	-.9

<sup>1</sup> Current quarter divided by comparable quarter a year earlier.  
<sup>2</sup> Production and nonsupervisory workers.

\* Not available.  
p= preliminary.

<sup>3</sup> Computed from data that are not seasonally adjusted.

<sup>4</sup> Changes subsequent to June 1971 based on data before seasonal adjustment. NOTE: See technical description at end of table C-16.

**C-13: Quarter-to-quarter changes in compensation, seasonally adjusted**

Measure	Percent change over previous quarter at annual rate								
	1972				1971			1970	
	Sept. <sup>P</sup>	June	Mar.	Dec.	Sept.	June	Mar.	Dec.	Sept.
Average hourly compensation:									
All persons, total private economy	(*)	5.4	8.1	5.6	6.4	6.1	7.7	5.6	9.6
All employees, private nonfarm economy:									
Current dollars	(*)	4.4	8.6	6.1	5.6	6.9	7.9	5.3	9.0
1967 dollars	(*)	1.3	5.0	3.7	1.5	2.4	4.6	-0.1	4.3
Average hourly earnings, private nonfarm economy <sup>1</sup> :									
Mining	4.1	6.5	7.4	5.1	5.6	7.8	7.5	5.0	7.3
Contract construction	5.6	3.8	31.2	-9.6	7.8	7.2	4.5	7.4	6.8
Manufacturing	2.5	5.3	6.8	6.7	8.8	9.0	8.1	7.2	11.6
Transportation and public utilities	5.0	6.6	11.1	3.4	5.0	5.0	12.3	.8	7.0
Wholesale and retail trade	7.8	9.2	13.5	8.4	11.4	6.7	11.9	7.0	10.2
Finance, insurance, and real estate	5.0	3.6	6.6	3.7	5.7	6.3	5.4	5.0	7.1
Services	2.4	6.5	7.0	2.4	3.3	9.5	6.9	7.5	6.7
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	.8	4.3	7.1	7.3	3.6	6.0	7.6	8.7	8.4
Average hourly earnings, private nonfarm economy, <sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:									
Total, current dollars	4.4	5.6	8.0	5.2	6.3	7.1	7.9	6.4	8.2
1967 dollars	(*)	3.0	4.0	2.7	2.2	3.2	4.0	.8	3.6
Mining	7.0	4.2	19.4	-9.9	8.1	7.6	4.2	5.9	5.6
Contract construction	3.0	4.5	6.9	6.8	8.4	8.9	8.0	7.3	11.4
Manufacturing	4.5	5.5	8.9	4.4	5.6	6.3	8.4	5.2	7.4
Transportation and public utilities	7.4	9.9	13.2	9.7	9.6	6.8	13.1	6.6	9.7
Wholesale and retail trade	4.7	4.4	6.2	4.1	5.3	6.9	6.7	5.3	6.9
Finance, insurance, and real estate	2.8	7.4	6.6	2.2	3.7	9.2	6.8	7.7	7.0
Services	2.1	4.1	7.8	5.1	5.3	6.7	7.5	9.4	8.6
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	(*)	3.3	6.4	2.3	-2.8	1.6	3.5	3.8	2.6
Average union scales, 7 building trades: <sup>3</sup>									
Wages and selected benefits	(*)	13.3	5.6	5.4	4.9	15.9	9.0	13.5	10.2
Hourly wage rates	(*)	11.3	5.6	3.9	4.0	15.9	9.3	10.9	9.5
Wage rates, hired farm labor	(*)	9.2	7.0	-4.4	12.0	2.3	4.8	2.4	12.7
Average weekly earnings, private nonfarm economy: <sup>1</sup>									
Current dollars	4.9	6.9	7.8	7.0	4.8	8.2	7.9	3.1	6.5
1967 dollars	(*)	4.3	3.8	4.5	.8	4.1	4.0	-2.3	2.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	3.5	9.1	3.8	.3	3.3	9.6	-2.6	1.5

<sup>1</sup> Production and nonsupervisory workers.  
<sup>2</sup> Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.  
<sup>3</sup> Changes subsequent to June 1971 based on data before seasonal adjustment.

\* Not available.  
p= preliminary.

NOTE: See technical description at end of table C-16.

**EMPLOYEE COMPENSATION DATA  
SEASONALLY ADJUSTED**
**C-14: Twelve-month changes in compensation, seasonally adjusted**

Measure	Percent change at annual rate over 12-month period <sup>1</sup> ending in--												
	1972									1971			
	Sept. <sup>P</sup>	Aug. <sup>P</sup>	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Average hourly earnings, private nonfarm economy <sup>2</sup>	5.7	5.8	5.8	5.8	5.8	6.8	6.5	6.3	6.6	6.6	6.1	6.7	6.7
Mining	6.7	6.3	7.3	7.4	6.9	7.7	7.8	8.0	8.8	8.1	-1.3	-1.3	6.7
Contract construction	5.4	5.0	5.4	6.0	6.9	7.7	8.0	7.4	8.0	8.7	7.8	8.0	8.6
Manufacturing	6.9	6.7	5.9	6.5	6.5	6.5	6.3	6.0	6.0	6.7	5.9	6.5	5.3
Transportation and public utilities	8.6	10.4	10.2	10.3	10.4	11.2	10.5	9.3	10.1	10.3	9.1	9.4	10.0
Wholesale and retail trade	4.8	4.5	4.9	4.9	4.2	5.7	5.3	5.7	5.7	5.8	5.1	5.1	5.5
Finance, insurance, and real estate	4.5	4.2	4.9	4.6	3.9	5.8	4.6	5.3	6.6	6.0	4.8	5.7	6.4
Services	4.6	5.0	5.0	5.0	5.4	6.4	6.1	5.8	6.1	6.2	5.5	6.6	5.9
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	5.7	5.7	6.0	6.0	6.1	6.7	6.6	6.4	6.9	7.0	6.1	6.7	6.7
1967 dollars	(*)	2.7	2.9	3.0	2.7	3.2	3.0	2.6	3.4	3.5	2.6	3.0	2.6
Mining	7.1	6.6	7.8	7.5	6.9	8.0	8.1	7.9	8.8	7.6	3.1	3.3	6.7
Contract construction	5.3	5.2	5.3	6.0	6.6	7.4	7.7	7.5	8.1	8.0	7.9	8.2	8.5
Manufacturing	5.9	5.7	5.7	6.0	6.2	6.2	6.3	6.2	6.3	6.3	5.8	6.4	6.1
Transportation and public utilities	9.0	10.2	10.9	10.1	10.4	11.2	10.4	9.1	9.9	10.9	9.1	9.3	9.6
Wholesale and retail trade	4.9	4.5	5.0	4.9	4.5	5.5	5.5	5.4	6.0	6.4	5.2	5.6	5.7
Finance, insurance, and real estate	4.9	4.2	5.2	4.7	4.1	6.0	5.0	4.8	6.3	5.8	4.7	5.8	6.4
Services	4.3	4.8	5.0	5.0	5.3	6.4	5.9	6.2	6.5	6.2	5.8	6.4	6.6
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	(*)	8.3	7.5	6.9	7.0	7.8	6.7	5.6	4.5	2.8	4.1	6.7
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	6.9	6.4	6.7	6.1	6.1	7.7	6.8	7.1	6.9	7.2	6.7	7.0	6.8
1967 dollars	(*)	3.3	3.5	3.1	2.8	4.1	3.2	3.3	3.4	3.8	3.1	3.3	2.6
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	4.1	4.3	4.0	3.6	4.8	4.0	4.1	4.2	4.6	3.9	4.1	3.5

<sup>1</sup> Current month divided by same month a year earlier.  
<sup>2</sup> Production and nonsupervisory workers.  
<sup>3</sup> Computed from data that are not seasonally adjusted.

\* Not available.  
 p= preliminary.

NOTE: See technical description at end of table C-16.

**C-15: Six-month changes in compensation, seasonally adjusted**

Measure	Percent change at annual rate over 6-month period <sup>1</sup> ending in--												
	1972									1971			
	Sept. <sup>P</sup>	Aug. <sup>P</sup>	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
Average hourly earnings, private nonfarm economy <sup>2</sup>	5.1	5.7	5.1	5.7	7.6	7.6	6.4	5.9	6.5	5.9	4.1	6.0	6.6
Mining	6.1	4.7	3.3	4.3	23.8	23.8	7.3	7.9	11.6	10.6	-7.7	-6.3	8.2
Contract construction	4.1	4.1	3.4	4.5	6.6	7.0	6.7	6.0	7.5	7.5	7.2	8.4	9.2
Manufacturing	6.0	6.0	5.5	6.1	10.9	9.7	7.9	7.4	6.2	6.9	2.3	3.4	4.6
Transportation and public utilities	6.3	10.1	9.2	8.8	12.9	12.4	11.0	10.6	11.2	11.9	7.9	10.0	10.0
Wholesale and retail trade	4.8	4.1	4.1	4.1	4.9	6.3	4.9	4.9	5.6	5.7	3.5	5.0	5.8
Finance, insurance, and real estate	4.8	4.8	3.6	4.8	8.0	7.4	4.3	3.7	6.2	4.3	4/	4.4	5.0
Services	2.6	3.2	1.9	3.9	6.0	7.3	6.7	6.7	8.2	6.1	4.7	5.4	5.5
Average hourly earnings, private nonfarm economy, <sup>2</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:													
Total, current dollars	5.0	5.2	4.8	5.2	7.6	7.6	6.3	6.2	7.2	6.7	4.5	5.9	6.9
1967 dollars	(*)	2.6	1.6	2.2	4.0	4.3	3.1	2.8	4.2	3.7	1.5	2.1	2.9
Mining	6.5	5.8	4.4	5.4	14.0	15.6	7.6	7.4	11.4	9.6	.2	.8	8.6
Contract construction	4.0	3.9	3.2	4.9	5.7	6.4	6.7	6.4	7.5	7.1	7.5	8.3	8.8
Manufacturing	5.1	5.0	5.0	5.7	8.6	7.2	6.8	6.5	6.5	6.2	3.8	5.1	5.7
Transportation and public utilities	6.8	9.5	9.6	8.5	13.0	13.3	11.2	10.9	12.1	11.8	8.0	9.2	9.5
Wholesale and retail trade	4.6	4.5	4.5	4.0	5.6	6.2	5.2	4.5	5.6	5.8	3.5	4.8	5.7
Finance, insurance, and real estate	5.4	5.1	4.8	5.4	7.8	8.0	4.4	3.2	5.6	4.0	.6	4.1	5.7
Services	3.2	3.3	2.7	4.2	6.2	7.4	5.4	6.4	7.5	5.7	4.4	5.3	6.5
Average hourly earnings, all Federal executive branch employees <sup>3</sup>	(*)	(*)	1.1	4.5	9.0	8.5	6.5	7.0	7.7	5.8	-3.8	-2.7	2.5
Average weekly earnings, private nonfarm economy: <sup>2</sup>													
Current dollars	6.2	5.1	6.3	5.7	7.0	9.3	7.6	7.6	7.1	6.5	5.3	6.0	6.1
1967 dollars	(*)	2.5	3.0	2.7	3.4	6.0	4.3	4.1	4.1	3.5	2.2	2.3	2.1
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	1.9	2.3	5.1	5.7	8.0	6.5	6.3	6.3	2.9	1.6	1.6	1.5

<sup>1</sup> Current month divided by month 6 months earlier.  
<sup>2</sup> Production and nonsupervisory workers.  
<sup>3</sup> Computed from data that are not seasonally adjusted. Actual percent change rather than annual rate of change is shown where change is affected by a general salary adjustment.

\* Not available.  
 p= preliminary.

NOTE: See technical description at end of table C-16.

4/ Less than 0.05 percent.

**EMPLOYEE COMPENSATION DATA**  
**SEASONALLY ADJUSTED**

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**C-16: Average hourly or weekly compensation, seasonally adjusted**

Measure	1972									1971			
	3rd quarter			2nd quarter			1st quarter			4th quarter			
	Sept. <sup>P</sup>	Aug. <sup>P</sup>	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.
<b>Levels</b>													
Average hourly earnings, private nonfarm economy <sup>1</sup>	\$3.68	\$3.66	\$3.64	\$3.63	\$3.62	\$3.62	\$3.59	\$3.56	\$3.55	\$3.53	\$3.49	\$3.49	\$3.48
Mining	4.44	4.41	4.39	4.37	4.34	4.35	4.31	4.31	4.32	4.28	3.90	3.91	4.16
Contract construction	6.09	6.05	6.01	6.01	6.02	6.01	5.97	5.93	5.91	5.88	5.83	5.81	5.78
Manufacturing	3.85	3.83	3.79	3.79	3.78	3.76	3.74	3.72	3.69	3.68	3.59	3.59	3.60
Transportation and public utilities	4.67	4.68	4.65	4.59	4.58	4.57	4.53	4.46	4.45	4.40	4.31	4.31	4.30
Wholesale and retail trade	3.04	3.02	3.02	3.00	2.98	2.99	2.97	2.96	2.96	2.94	2.91	2.90	2.90
Finance, insurance, and real estate	3.46	3.45	3.45	3.43	3.43	3.44	3.38	3.37	3.39	3.35	3.30	3.32	3.31
Services	3.18	3.17	3.14	3.15	3.15	3.17	3.14	3.12	3.11	3.09	3.06	3.06	3.04
Wage rates, hired farm labor (quarterly data)	-	-	1.84	-	-	1.80	-	-	1.77	-	-	1.79	-
<b>Average weekly earnings, private nonfarm economy:<sup>1</sup></b>													
Current dollars	137.26	135.79	135.41	134.67	133.94	135.03	133.19	132.43	131.35	130.96	129.48	129.13	128.41
1967 dollars	(*)	108.10	108.06	107.92	107.39	108.62	107.32	106.75	106.46	106.47	105.59	105.51	105.08
Real spendable earnings (worker and 3 dependents, 1967 dollars)	(*)	96.16	96.16	96.10	95.69	96.69	95.69	95.24	95.09	93.75	93.08	93.03	92.72
<b>Indexes, 1967=100</b>													
<b>Average hourly compensation (quarterly data):</b>													
All persons, total private economy	-	(*)	-	-	140.4	-	-	138.6	-	-	135.9	-	-
All employees, private nonfarm economy:	-	(*)	-	-	138.9	-	-	137.4	-	-	134.6	-	-
Current dollars	-	(*)	-	-	138.9	-	-	137.4	-	-	134.6	-	-
1967 dollars	-	(*)	-	-	111.4	-	-	111.1	-	-	109.7	-	-
<b>Average hourly earnings, private nonfarm economy,<sup>1</sup> adjusted for overtime (in manufacturing only) and interindustry employment shifts:</b>													
Total, current dollars	138.8	138.3	137.8	137.1	136.7	136.7	135.5	134.8	134.6	133.6	131.8	131.8	131.4
1967 dollars	(*)	110.1	110.0	109.8	109.6	110.0	109.2	108.7	109.1	108.6	107.5	107.7	107.5
Mining	138.9	137.9	137.3	136.3	135.2	135.7	134.6	134.1	134.3	132.8	126.6	126.1	129.8
Contract construction	147.4	146.6	145.6	145.6	145.4	145.3	144.6	143.8	143.3	142.2	141.5	140.9	140.0
Manufacturing	136.6	135.9	135.3	135.0	134.5	133.9	133.2	132.7	132.1	131.3	129.0	129.3	128.9
Transportation and public utilities	144.5	144.4	144.0	141.7	141.8	141.7	139.8	138.0	137.5	136.0	133.5	133.1	132.5
Wholesale and retail trade	135.9	135.4	135.3	134.4	133.6	134.0	132.9	132.4	132.4	131.7	130.0	130.0	129.6
Finance, insurance, and real estate	134.3	133.5	133.9	133.0	132.5	133.4	130.9	130.2	130.8	129.5	127.7	128.4	128.1
Services	138.6	138.3	138.0	137.4	137.5	137.9	136.5	136.1	136.2	134.6	133.5	133.1	132.9
Average hourly earnings, all Federal executive branch employees <sup>2</sup>	(*)	(*)	147.8	150.0	150.0	149.5	150.0	148.9	147.0	143.5	137.6	137.8	140.8
<b>Average union scales, 7 building trades (quarterly data):<sup>2</sup></b>													
Wages and selected benefits	-	-	159.3	-	-	154.4	-	-	152.3	-	-	150.3	-
Hourly wage rates	-	-	152.0	-	-	148.0	-	-	146.0	-	-	144.6	-

<sup>1</sup> Production and nonsupervisory workers.

<sup>2</sup> Not seasonally adjusted.

\* Not available.

<sup>P</sup> preliminary.

**Technical description covering tables C-11 through C-16**

Characteristic	Average hourly compensation	Average hourly and weekly earnings	Union scales, building trades	Wage rates, hired farm labor
Reference period and source	Basic time series consists of quarterly averages. Data are developed by BLS from Department of Commerce estimates of compensation and BLS man-hour estimates.	Basic time series consists of averages for payroll period including 12th of month. Monthly data have been summed and divided by 3 to obtain quarterly averages. Private industry data obtained by BLS from a stratified probability sample of establishments. Federal data obtained from the Civil Service Commission. Published by BLS monthly in <i>Employment and Earnings</i> .	Basic time series consists of wage rates and selected benefits as of January 1, April 1, July 1, and October 1. Data obtained by BLS from local union officials and union agreements. Published quarterly in press releases.	Basic time series consists of rates as of week preceding January 1, April 1, July 1, and October 1. Data obtained by Department of Agriculture from a sample survey of farm operators and published quarterly in <i>Farm Labor</i> by USDA.
Type of compensation	Compensation is the total of wages and salaries plus supplements to wages and salaries (according to National Income Accounts definitions) per man-hour paid for.	Basic series consists of regular hourly payroll expenditures before deductions, i.e., straight-time hourly earnings plus premium and incentive pay. Series adjusted for overtime and interindustry employment shifts excludes overtime premiums in manufacturing only. Weekly earnings in 1967 dollars adjust earnings for price changes while spendable earnings adjust for price and Federal income and social security tax changes.	Compensation is, in the case of wage scales, minimum wage rates (excluding premium pay for holiday, vacation, or overtime) agreed upon in collective bargaining. In the case of wages and selected benefits, it is wages, as defined above, plus employer payments to health and welfare, pension, and vacation funds.	Compensation is cash payments to worker, exclusive of perquisites such as room or board.
Type of worker	1. Total private economy: All persons, i.e., all employees and imputed compensation of self employed. 2. Nonfarm economy: All nonfarm employees including government enterprise and private household workers.	1. Private: Production and related workers in mining and manufacturing; construction workers in contract construction; and nonsupervisory workers in all other industries. 2. Federal Executive Branch: All workers, supervisory and nonsupervisory.	Unionized building trades workers in continental United States cities of 100,000 population or more in the following seven trades: Bricklayers, building laborers, carpenters, electricians, painters, plasterers, and plumbers.	Hired farm workers defined as those working only for wages, for 1 hour or more on farm during survey week.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-17: 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		
	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971
<b>ALABAMA</b> .....	\$133.90	\$133.16	\$121.90	41.2	41.1	40.5	\$3.25	\$3.24	\$3.01
Birmingham .....	157.14	156.72	142.88	40.5	40.6	39.8	3.88	3.86	3.59
Mobile .....	165.09	166.72	146.51	41.9	42.1	42.1	3.94	3.96	3.48
<b>ALASKA</b> .....	(*)	200.51	217.94	(*)	41.6	42.4	(*)	4.82	5.14
<b>ARIZONA</b> .....	153.60	157.16	145.33	40.0	40.4	39.6	3.84	3.89	3.67
Phoenix .....	155.24	155.61	147.29	39.5	39.9	39.7	3.93	3.90	3.71
Tucson .....	153.90	153.12	139.76	40.5	40.4	38.5	3.80	3.79	3.63
<b>ARKANSAS</b> .....	114.11	111.20	106.53	40.9	40.0	40.2	2.79	2.78	2.65
Fort Smith .....	109.57	109.53	108.39	39.7	39.4	40.9	2.76	2.78	2.65
Little Rock-North Little Rock .....	119.18	119.29	112.28	40.4	40.3	40.1	2.95	2.96	2.80
Pine Bluff .....	141.45	141.98	132.47	41.0	40.8	39.9	3.45	3.48	3.32
<b>CALIFORNIA</b> .....	171.23	169.12	159.99	40.1	39.7	39.7	4.27	4.26	4.03
Anaheim-Santa Ana-Garden Grove .....	167.26	166.46	157.98	40.4	40.5	40.3	4.14	4.11	3.92
Bakersfield .....	176.88	179.42	164.82	40.2	40.5	40.2	4.40	4.43	4.10
Fresno .....	146.22	151.96	140.30	39.2	40.2	39.3	3.73	3.78	3.57
Los Angeles-Long Beach .....	163.21	161.19	153.65	40.1	39.8	39.6	4.07	4.05	3.88
Modesto .....	148.55	150.00	140.30	37.8	37.5	39.3	3.93	4.00	3.57
Oxnard-Simi Valley-Ventura .....	150.54	151.70	145.41	38.6	39.3	39.3	3.90	3.86	3.70
Riverside-San Bernardino-Ontario .....	170.52	169.70	156.39	40.6	40.5	40.1	4.20	4.19	3.90
Sacramento .....	179.25	179.33	170.10	40.1	38.9	40.5	4.47	4.61	4.20
Salinas-Seaside-Monterey .....	166.44	159.14	143.08	40.3	39.1	39.2	4.13	4.07	3.65
San Diego .....	174.99	172.38	167.45	39.5	39.0	39.4	4.43	4.42	4.25
San Francisco-Oakland .....	197.01	194.82	179.10	39.8	39.2	38.6	4.95	4.97	4.64
San Jose .....	177.01	175.43	165.95	39.6	39.6	39.7	4.47	4.43	4.18
Santa Barbara-Santa Maria-Lompoc .....	151.24	155.61	145.54	38.0	39.0	37.9	3.98	3.99	3.84
Santa Rosa .....	166.87	161.05	147.07	40.8	38.9	38.1	4.09	4.14	3.86
Stockton .....	182.23	173.82	170.15	41.7	38.8	41.5	4.37	4.48	4.10
Vallejo-Fairfield-Napa .....	168.33	164.37	147.83	39.7	37.7	38.7	4.24	4.36	3.82
<b>COLORADO</b> .....	163.98	163.59	152.15	41.2	41.0	40.9	3.98	3.99	3.72
Denver .....	168.09	168.10	158.24	41.3	40.9	41.1	4.07	4.11	3.85
<b>CONNECTICUT</b> .....	159.86	161.44	147.02	41.2	41.5	40.5	3.88	3.89	3.63
Bridgeport .....	165.53	160.75	149.85	41.8	40.8	40.5	3.96	3.94	3.70
Hartford .....	169.71	172.99	151.15	41.8	42.4	40.2	4.06	4.08	3.76
New Britain .....	167.66	165.22	149.48	41.5	41.1	40.4	4.04	4.02	3.70
New Haven .....	157.00	157.35	148.23	41.1	41.3	40.5	3.82	3.81	3.66
Stamford .....	166.05	162.81	153.22	41.0	40.5	39.9	4.05	4.02	3.84
Waterbury .....	151.56	149.94	141.86	42.1	42.0	41.6	3.60	3.57	3.41
<b>DELAWARE</b> .....	151.62	162.81	140.22	38.0	40.2	38.0	3.99	4.05	3.69
Wilmington .....	167.90	179.29	156.04	37.9	40.2	37.6	4.43	4.46	4.15
<b>DISTRICT OF COLUMBIA:</b>									
Washington SMSA .....	177.56	178.69	168.40	38.6	39.1	40.0	4.60	4.57	4.21
<b>FLORIDA</b> .....	135.22	135.55	126.58	41.1	41.2	40.7	3.29	3.29	3.11
Fort Lauderdale-Hollywood .....	140.49	135.74	134.30	41.2	40.4	39.5	3.41	3.36	3.40
Jacksonville .....	157.92	158.25	142.52	42.0	42.2	42.8	3.76	3.75	3.33
Miami .....	127.52	124.74	114.86	40.1	39.6	39.2	3.18	3.15	2.93
Orlando .....	130.19	133.34	126.17	41.2	41.8	39.8	3.16	3.19	3.17
Pensacola .....	160.75	162.43	150.23	40.8	42.3	41.5	3.94	3.84	3.62
Tampa-St. Petersburg .....	141.00	141.10	134.31	40.4	40.9	41.2	3.49	3.45	3.26
West Palm Beach .....	160.02	154.22	145.60	42.0	40.8	41.6	3.81	3.78	3.50
<b>GEORGIA</b> .....	121.50	122.91	114.74	40.5	40.7	40.4	3.00	3.02	2.84
Atlanta .....	146.30	157.95	138.10	38.4	40.5	38.9	3.81	3.90	3.55
Savannah .....	159.28	160.31	147.26	43.4	43.8	41.6	3.67	3.66	3.54

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-17: 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		
	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971
<b>HAWAII</b> .....	\$129.75	\$133.32	\$129.68	39.2	40.4	41.3	\$3.31	\$3.30	\$3.14
Honolulu .....	126.16	128.48	126.07	38.7	39.9	40.8	3.26	3.22	3.09
<b>IDAHO</b> .....	152.06	147.78	158.18	39.6	39.2	41.3	3.84	3.77	3.83
<b>ILLINOIS</b> .....	174.26	170.65	158.51	41.0	40.5	40.1	4.25	4.22	3.95
Chicago .....	(*)	172.84	160.02	(*)	40.6	39.9	(*)	4.25	4.01
Davenport-Rock Island-Moline .....	193.92	193.56	178.13	39.7	40.0	39.6	4.88	4.84	4.50
Decatur .....	191.22	173.22	172.72	41.6	38.5	40.4	4.59	4.50	4.28
Peoria .....	211.25	201.35	185.05	42.9	40.9	40.2	4.92	4.92	4.60
Rockford .....	168.02	166.90	152.55	41.5	41.3	39.4	4.05	4.05	3.87
Springfield .....	189.07	184.51	173.78	41.1	40.0	40.6	4.60	4.61	4.28
<b>INDIANA</b> .....	179.61	177.96	161.20	41.1	41.1	40.0	4.37	4.33	4.03
Indianapolis .....	(*)	189.63	166.05	(*)	43.0	40.6	(*)	4.41	4.09
<b>IOWA</b> .....	174.62	167.98	158.40	40.8	39.9	39.8	4.28	4.21	3.98
Cedar Rapids .....	171.31	172.47	161.60	41.2	41.2	40.3	4.16	4.18	4.01
Des Moines .....	182.79	174.07	167.60	40.3	39.0	40.0	4.53	4.47	4.19
Dubuque .....	195.77	198.87	166.44	41.6	40.9	38.0	4.70	4.86	4.38
Sioux City .....	146.64	137.59	147.65	39.5	37.8	40.9	3.71	3.64	3.61
Waterloo .....	237.39	202.54	176.17	45.5	42.1	39.5	5.22	4.81	4.46
<b>KANSAS</b> .....	151.86	151.70	146.36	40.3	40.6	41.0	3.77	3.73	3.57
Topeka .....	194.02	198.15	159.44	45.2	47.1	40.5	4.29	4.20	3.94
Wichita .....	160.46	160.57	157.54	41.7	42.6	42.4	3.85	3.77	3.72
<b>KENTUCKY</b> .....	149.04	146.10	136.72	40.5	39.7	39.4	3.68	3.68	3.47
Louisville .....	176.58	171.00	163.22	40.5	39.4	40.3	4.36	4.34	4.05
<b>LOUISIANA</b> .....	157.93	156.93	146.93	42.8	42.3	42.1	3.69	3.71	3.49
Baton Rouge .....	212.50	214.97	198.97	42.5	42.4	41.8	5.00	5.07	4.76
New Orleans .....	159.80	157.38	145.85	41.4	41.2	41.2	3.86	3.82	3.54
Shreveport .....	144.41	142.96	138.36	42.6	41.8	41.8	3.39	3.42	3.31
<b>MAINE</b> .....	125.97	126.27	115.60	41.3	41.4	40.0	3.05	3.05	2.89
Lewiston-Auburn .....	106.26	104.80	94.61	39.5	39.4	37.1	2.69	2.66	2.55
Portland .....	141.79	137.94	130.01	42.2	41.3	40.5	3.36	3.34	3.21
<b>MARYLAND</b> .....	156.40	158.39	142.84	40.0	40.2	39.9	3.91	3.94	3.58
Baltimore .....	165.23	166.46	149.60	40.3	40.6	40.0	4.10	4.10	3.74
<b>MASSACHUSETTS</b> .....	145.60	145.24	134.41	40.0	39.9	39.3	3.64	3.64	3.42
Boston .....	157.21	158.40	145.51	39.6	39.8	38.7	3.97	3.98	3.76
Brockton .....	125.42	125.90	119.35	40.2	39.1	38.5	3.12	3.22	3.10
Fall River .....	108.27	106.20	103.30	36.7	36.0	36.5	2.95	2.95	2.83
Lawrence-Haverhill .....	144.27	137.86	127.92	40.3	39.5	40.1	3.58	3.49	3.19
Lowell .....	130.22	135.68	117.56	39.7	40.5	38.8	3.28	3.35	3.03
New Bedford .....	123.16	117.56	112.40	39.6	37.8	38.1	3.11	3.11	2.95
Springfield-Chicopee-Holyoke .....	149.85	146.00	135.49	40.5	40.0	39.5	3.70	3.65	3.43
Worcester .....	148.48	147.38	135.23	39.7	39.3	38.2	3.74	3.75	3.54
<b>MICHIGAN</b> .....	206.75	214.03	182.21	42.1	42.5	40.1	4.91	5.04	4.54
Ann Arbor .....	216.84	224.75	198.80	41.1	44.4	41.8	5.28	5.06	4.76
Battle Creek .....	203.46	205.73	174.84	42.3	42.7	39.9	4.81	4.82	4.38
Bay City .....	191.55	190.17	168.12	42.5	42.1	40.0	4.51	4.52	4.20
Detroit .....	226.00	243.77	189.89	42.9	43.5	39.8	5.27	5.60	4.77
Flint .....	216.81	250.84	202.67	40.3	44.8	39.4	5.38	5.60	5.14
Grand Rapids .....	173.47	168.08	160.34	41.5	40.5	40.5	4.18	4.15	3.96
Jackson .....	191.87	191.29	171.30	41.2	40.9	38.8	4.66	4.68	4.42
Kalamazoo .....	194.17	196.73	174.82	42.1	43.0	41.3	4.61	4.58	4.23
Lansing-East Lansing .....	211.85	205.29	177.03	40.2	39.9	37.2	5.27	5.15	4.76
Muskegon-Muskegon Heights .....	180.46	183.83	157.37	41.2	42.0	39.7	4.38	4.38	3.96
Saginaw .....	245.45	249.41	213.89	43.1	43.3	41.5	5.70	5.76	5.15

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-17: 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		
	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971
<b>MINNESOTA</b> .....	\$162.77	\$162.00	\$151.22	41.0	40.5	39.9	\$3.97	\$4.00	\$3.79
Duluth-Superior .....	168.09	160.80	132.11	41.3	40.1	36.8	4.07	4.01	3.59
Minneapolis-St. Paul .....	177.59	175.89	164.42	41.3	41.0	40.2	4.30	4.29	4.09
<b>MISSISSIPPI</b> .....	112.61	113.57	105.41	40.8	41.0	40.7	2.76	2.77	2.59
Jackson .....	110.84	110.57	109.23	40.9	40.8	42.5	2.71	2.71	2.57
<b>MISSOURI</b> .....	150.40	149.95	139.59	40.0	40.2	39.1	3.76	3.73	3.57
Kansas City .....	144.80	141.65	137.11	40.0	39.9	39.4	3.62	3.55	3.48
St. Joseph .....	150.58	152.80	144.72	42.9	42.8	43.2	3.51	3.57	3.35
St. Louis .....	174.53	174.53	158.67	40.4	40.4	38.7	4.32	4.32	4.10
Springfield .....	130.17	131.78	120.96	40.3	40.3	39.4	3.23	3.27	3.07
<b>MONTANA</b> .....	167.27	167.26	161.20	40.6	40.4	40.4	4.12	4.14	3.99
<b>NEBRASKA</b> .....	148.33	144.08	141.90	42.0	41.2	41.7	3.53	3.50	3.40
Lincoln .....	138.77	133.81	134.48	40.4	39.3	40.7	3.44	3.40	3.30
Omaha .....	155.65	152.50	146.08	41.0	40.4	40.4	3.79	3.77	3.62
<b>NEVADA</b> .....	182.91	182.16	172.91	40.2	40.3	40.4	4.55	4.52	4.28
Las Vegas .....	(*)	212.85	219.88	(*)	41.9	43.8	(*)	5.08	5.02
<b>NEW HAMPSHIRE</b> .....	128.64	126.87	118.95	40.2	39.4	39.0	3.20	3.22	3.05
Manchester .....	114.52	113.40	108.96	38.3	37.8	38.5	2.99	3.00	2.83
<b>NEW JERSEY</b> .....	163.14	160.33	149.48	41.3	40.9	40.4	3.95	3.92	3.70
Atlantic City .....	136.61	133.74	121.44	40.9	40.9	38.8	3.34	3.27	3.13
Camden <sup>1</sup> .....	156.67	151.64	148.23	40.8	39.8	40.5	3.84	3.81	3.66
Jersey City <sup>2</sup> .....	163.14	159.59	153.38	41.3	40.3	40.9	3.95	3.96	3.75
Newark <sup>2</sup> .....	158.00	156.40	148.08	39.9	40.0	39.7	3.96	3.91	3.73
Paterson-Clifton-Passaic <sup>2</sup> .....	161.18	159.98	145.82	40.6	40.4	39.2	3.97	3.96	3.72
Perth Amboy <sup>2</sup> .....	181.46	175.09	162.39	42.2	41.1	40.7	4.30	4.26	3.99
Trenton .....	173.83	166.01	152.71	42.5	41.4	40.4	4.09	4.01	3.78
<b>NEW MEXICO</b> .....	119.88	123.37	107.13	40.5	41.4	39.1	2.96	2.98	2.74
Albuquerque .....	128.52	131.93	124.84	40.8	41.1	40.4	3.15	3.21	3.09
<b>NEW YORK</b> .....	157.61	155.62	145.47	39.6	39.2	39.0	3.98	3.97	3.73
Albany-Schenectady-Troy .....	178.00	175.91	159.20	41.3	41.1	40.1	4.31	4.28	3.97
Binghamton .....	154.50	154.46	148.42	41.2	41.3	41.0	3.75	3.74	3.62
Buffalo .....	193.39	188.33	172.94	41.5	41.3	40.5	4.66	4.56	4.27
Elmira .....	150.92	152.45	137.24	39.2	39.7	39.1	3.85	3.84	3.51
Monroe County .....	193.02	189.83	174.84	41.6	41.0	40.1	4.64	4.63	4.36
Nassau and Suffolk Counties .....	150.52	152.09	146.17	39.3	39.3	39.4	3.83	3.87	3.71
New York-Northeastern New Jersey .....	(*)	152.10	142.43	(*)	38.8	38.6	(*)	3.92	3.69
New York SMSA <sup>2</sup> .....	146.69	145.90	137.98	38.1	37.7	37.7	3.85	3.87	3.66
New York City <sup>4</sup> .....	145.15	144.35	136.51	37.7	37.3	37.4	3.85	3.87	3.65
Rochester .....	184.16	181.97	168.45	41.2	40.8	40.3	4.47	4.46	4.18
Rockland County <sup>4</sup> .....	154.31	152.87	146.10	40.5	39.4	39.7	3.81	3.88	3.68
Syracuse .....	171.39	169.33	153.14	41.6	40.9	40.3	4.12	4.14	3.80
Utica-Rome .....	145.08	143.64	135.14	40.3	39.9	39.4	3.60	3.60	3.43
Westchester County <sup>4</sup> .....	151.31	147.82	131.40	38.6	38.9	36.4	3.92	3.80	3.61
<b>NORTH CAROLINA</b> .....	112.74	111.78	105.18	40.7	40.5	40.3	2.77	2.76	2.61
Asheville .....	110.43	109.35	103.28	40.6	40.5	40.5	2.72	2.70	2.55
Charlotte .....	121.25	120.13	115.64	41.1	41.0	41.3	2.95	2.93	2.80
Greensboro-Winston-Salem-High Point .....	122.19	121.35	112.61	39.8	39.4	39.1	3.07	3.08	2.88
Raleigh .....	116.87	115.02	108.47	40.3	39.8	39.3	2.90	2.89	2.76
<b>NORTH DAKOTA</b> .....	133.67	134.74	134.15	39.9	40.1	40.9	3.35	3.36	3.28
Fargo-Moorhead .....	149.34	151.26	149.67	39.3	39.7	39.7	3.80	3.81	3.77

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS

C-17: 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		
	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>P</sup>	July 1972	Aug. 1971
<b>OHIO</b> .....	\$185.15	\$182.96	\$166.03	41.7	41.3	40.2	\$4.44	\$4.43	\$4.13
Akron .....	202.62	200.82	182.78	42.3	42.1	40.8	4.79	4.77	4.48
Canton .....	180.18	177.83	153.50	40.4	40.6	36.9	4.46	4.38	4.16
Cincinnati .....	175.12	174.29	159.78	42.3	42.1	41.5	4.14	4.14	3.85
Cleveland .....	192.10	187.23	164.34	42.5	41.7	39.6	4.52	4.49	4.15
Columbus .....	170.13	165.63	154.45	40.7	40.3	39.2	4.18	4.11	3.94
Dayton .....	204.63	199.66	180.50	42.9	42.3	40.2	4.77	4.72	4.49
Toledo.....	193.80	190.55	177.92	40.8	40.2	40.9	4.75	4.74	4.35
Youngstown-Warren .....	198.44	203.50	183.42	41.0	41.7	40.4	4.84	4.88	4.54
<b>OKLAHOMA</b> .....	141.29	141.98	132.51	40.6	40.8	40.4	3.48	3.48	3.28
Oklahoma City .....	143.37	142.21	133.53	40.5	40.4	40.1	3.54	3.52	3.33
Tulsa .....	150.38	150.32	138.34	40.1	40.3	39.3	3.75	3.73	3.52
<b>OREGON</b> .....	169.15	169.17	159.14	39.8	38.8	39.1	4.25	4.36	4.07
Eugene-Springfield .....	167.90	178.64	164.40	39.6	40.6	40.0	4.24	4.40	4.11
Portland .....	168.66	169.65	158.32	39.5	39.0	38.9	4.27	4.35	4.07
<b>PENNSYLVANIA</b> .....	156.00	154.41	140.04	40.0	39.9	38.9	3.90	3.87	3.60
Allentown-Bethlehem-Easton .....	160.39	159.60	135.38	39.8	39.8	37.5	4.03	4.01	3.61
Altoona .....	125.90	122.85	115.36	38.5	37.8	38.2	3.27	3.25	3.02
Delaware Valley <sup>5</sup> .....	164.00	161.59	152.86	40.0	39.8	39.6	4.10	4.06	3.86
Erie .....	161.82	157.93	154.29	41.6	40.6	41.7	3.89	3.89	3.70
Harrisburg .....	144.73	143.21	129.93	41.0	40.8	38.9	3.53	3.51	3.34
Johnstown .....	155.96	152.18	128.88	37.4	37.3	35.9	4.17	4.08	3.59
Lancaster .....	145.20	140.18	131.01	40.9	39.6	39.7	3.55	3.54	3.30
Philadelphia SMSA .....	163.21	160.39	152.43	40.1	39.8	39.8	4.07	4.03	3.83
Pittsburgh .....	181.35	181.89	152.97	40.3	40.6	37.4	4.50	4.48	4.09
Reading .....	139.74	136.76	125.12	39.7	39.3	37.8	3.52	3.48	3.31
Scranton .....	114.98	113.93	109.63	36.5	36.4	36.3	3.15	3.13	3.02
Wilkes-Barre-Hazleton .....	116.44	114.87	109.89	37.2	36.7	37.0	3.13	3.13	2.97
York .....	143.48	142.38	133.16	42.2	42.0	41.1	3.40	3.39	3.24
<b>RHODE ISLAND</b> .....	125.53	125.53	118.38	39.6	39.6	39.2	3.17	3.17	3.02
Providence-Warwick-Pawtucket .....	126.17	125.92	119.56	39.8	39.6	39.2	3.17	3.18	3.05
<b>SOUTH CAROLINA</b> .....	115.92	115.36	108.53	41.4	41.2	40.8	2.80	2.80	2.66
Charleston .....	128.70	130.92	127.08	40.6	41.3	40.6	3.17	3.17	3.13
Greenville .....	116.06	113.70	109.14	41.6	40.9	41.5	2.79	2.78	2.63
<b>SOUTH DAKOTA</b> .....	135.78	137.22	134.35	43.8	43.7	43.2	3.10	3.14	3.11
Sioux Falls .....	165.26	169.46	161.00	45.4	46.3	46.0	3.64	3.66	3.50
<b>TENNESSEE</b> .....	126.28	124.95	117.74	41.0	40.7	40.6	3.08	3.07	2.90
Chattanooga .....	139.72	137.36	131.02	40.5	40.4	41.2	3.45	3.40	3.18
Knoxville .....	142.16	139.70	131.99	40.5	39.8	39.4	3.51	3.51	3.35
Memphis .....	151.14	146.32	135.05	42.1	41.1	40.8	3.59	3.56	3.31
Nashville .....	125.90	125.65	125.42	39.1	38.9	40.2	3.22	3.23	3.12
<b>TEXAS</b> .....	143.85	143.85	136.75	41.1	41.1	40.7	3.50	3.50	3.36
Amarillo .....	119.73	119.50	121.09	39.0	38.8	39.7	3.07	3.08	3.05
Austin .....	126.72	127.49	119.18	42.1	41.8	40.4	3.01	3.05	2.95
Beaumont-Port Arthur-Orange .....	192.23	193.52	179.34	40.9	41.0	40.3	4.70	4.72	4.45
Corpus Christi .....	183.54	182.96	165.22	43.7	44.3	41.1	4.20	4.13	4.02
Dallas .....	135.30	133.65	127.80	41.0	40.5	40.7	3.30	3.30	3.14
El Paso .....	94.37	100.77	90.54	40.5	41.3	40.6	2.33	2.44	2.23
Fort Worth .....	151.52	143.79	142.76	41.4	41.2	38.9	3.66	3.49	3.67
Galveston-Texas City .....	218.27	222.31	204.33	42.3	43.0	41.7	5.16	5.17	4.90
Houston .....	177.61	176.78	166.83	42.9	42.7	41.5	4.14	4.14	4.02
Lubbock .....	125.24	123.52	114.12	44.1	43.8	41.2	2.84	2.82	2.77
San Antonio .....	113.30	113.44	106.00	41.5	41.4	39.7	2.73	2.74	2.67
Waco .....	121.09	118.34	118.08	39.7	38.8	40.3	3.05	3.05	2.93
Wichita Falls .....	107.64	106.20	100.86	39.0	38.2	39.4	2.76	2.78	2.56

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**

**C-17: 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		
	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1971	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1971
UTAH .....	\$149.74	\$150.14	\$138.28	39.2	39.2	38.2	\$3.82	\$3.83	\$3.62
Salt Lake City .....	139.37	138.65	136.51	38.5	38.3	39.8	3.62	3.62	3.43
VERMONT .....	136.78	136.45	129.37	41.7	41.6	41.2	3.28	3.28	3.14
Burlington .....	153.09	157.73	150.42	41.6	42.4	41.9	3.68	3.72	3.59
Springfield .....	152.77	148.88	135.94	41.4	40.9	40.1	3.69	3.64	3.39
VIRGINIA .....	127.10	126.98	117.97	41.0	40.7	40.4	3.10	3.12	2.92
Lynchburg .....	129.02	133.11	114.57	42.3	42.8	40.2	3.05	3.11	2.85
Norfolk-Virginia Beach-Portsmouth .....	145.19	139.30	129.48	43.6	42.6	41.5	3.33	3.27	3.12
Northern Virginia <sup>6</sup> .....	159.20	162.80	160.13	39.8	40.7	41.7	4.00	4.00	3.84
Richmond .....	147.42	146.14	134.48	42.0	41.4	41.0	3.51	3.53	3.28
Roanoke .....	118.03	118.30	105.57	40.7	40.1	39.1	2.90	2.95	2.70
WASHINGTON .....	180.35	182.16	165.59	39.9	39.6	38.6	4.52	4.60	4.29
Seattle-Everett .....	181.83	186.00	171.47	39.7	40.0	39.6	4.58	4.65	4.33
Spokane .....	173.25	175.89	163.46	38.5	39.0	39.2	4.50	4.51	4.17
Tacoma .....	185.07	185.26	163.06	39.8	39.5	37.4	4.65	4.69	4.36
WEST VIRGINIA .....	156.02	156.93	143.98	39.6	39.6	39.8	3.94	3.96	3.62
Charleston .....	188.13	184.34	178.92	41.9	41.8	42.6	4.49	4.41	4.20
Huntington-Ashland .....	170.17	163.11	148.61	39.3	38.2	38.5	4.33	4.27	3.86
Wheeling .....	168.47	162.38	150.02	41.7	40.8	39.9	4.04	3.98	3.76
WISCONSIN .....	168.67	168.22	155.43	41.1	41.1	40.5	4.10	4.09	3.83
Appleton-Oshkosh .....	172.59	170.95	156.78	43.2	42.9	41.7	4.00	3.99	3.76
Green Bay .....	166.58	166.92	158.45	42.6	41.6	42.9	3.91	4.01	3.69
Kenosha .....	206.11	196.48	184.90	41.8	40.4	40.8	4.93	4.86	4.52
La Crosse .....	139.88	137.64	131.55	41.3	40.7	41.3	3.38	3.38	3.18
Madison .....	182.48	183.77	177.82	40.6	41.0	41.6	4.50	4.48	4.27
Milwaukee .....	184.44	181.75	169.37	40.9	40.6	40.1	4.51	4.48	4.22
Racine .....	177.88	178.01	153.50	40.8	41.0	38.7	4.36	4.35	3.97
WYOMING .....	161.41	159.18	153.54	41.6	39.4	40.3	3.88	4.04	3.81
Casper .....	196.11	197.63	172.55	43.1	42.5	40.6	4.55	4.65	4.25
Cheyenne .....	167.16	181.88	167.93	39.8	43.1	39.7	4.20	4.22	4.23

<sup>1</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>2</sup> Area included in the New York-Northeastern New Jersey Standard Consolidated Area.

<sup>3</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>4</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>5</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>6</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

<sup>p</sup> Not available.

<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.



**ESTABLISHMENT DATA  
LABOR TURNOVER**

**D-1: Labor turnover rates in manufacturing**

1960 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
<b>Total accessions</b>													
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	4.6	5.1	4.9	3.9	3.0	2.4	4.1
1963	3.6	3.3	3.5	3.9	3.9	4.8	4.3	4.8	4.8	3.9	2.9	2.5	3.9
1964	3.6	3.4	3.7	3.8	3.9	5.1	4.4	5.1	4.8	4.0	3.2	2.6	4.0
1965	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1	4.3
1966	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9	5.0
1967	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8	4.4
1968	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1	4.6
1969	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6	2.9	4.7
1970	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4	4.0
1971	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5	3.9
1972	4.1	3.7	4.0	4.0	4.8	5.2	4.6	5.9 <sup>P</sup>					
<b>New hires</b>													
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	3.2	3.2	2.6	1.8	1.4	2.4
1964	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2	3.1
1966	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1	3.8
1967	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0	3.3
1968	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2	3.5
1969	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1	3.7
1970	2.9	2.5	2.6	2.6	2.8	3.9	3.0	3.5	3.4	2.7	1.9	1.4	2.8
1971	2.0	1.9	2.2	2.3	2.6	3.5	2.7	3.4	3.4	2.7	2.2	1.6	2.5
1972	2.6	2.4	2.7	2.9	3.6	4.1	3.4	4.5 <sup>P</sup>					
<b>Total separations</b>													
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	4.1	4.8	4.9	4.1	3.9	3.7	3.9
1964	4.0	3.3	3.5	3.5	3.6	3.5	4.4	4.3	5.1	4.2	3.6	3.7	3.9
1965	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1	4.1
1966	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2	4.6
1967	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9	4.6
1968	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8	4.6
1969	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2	4.9
1970	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1	4.8
1971	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8	4.2
1972	4.0	3.5	3.8	3.7	3.9	4.2	4.8	5.5 <sup>P</sup>					
<b>Quits</b>													
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	2.1	2.4	1.5	1.1	.8	1.4
1964	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4	1.9
1966	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7	2.6
1967	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5	2.3
1968	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6	2.5
1969	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6	2.7
1970	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2	2.1
1971	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	1.9	1.5	1.2	1.8
1972	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6 <sup>P</sup>					
<b>Layoffs</b>													
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	2.0	1.9	1.8	1.9	2.1	2.3	1.8
1964	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9	1.4
1966	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7	1.2
1967	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6	1.4
1968	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4	1.2
1969	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8	1.2
1970	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2	1.8
1971	1.9	1.4	1.4	1.4	1.2	1.2	2.1	1.8	1.5	1.5	1.5	1.8	1.6
1972	1.4	1.1	1.1	1.0	.8	1.1	1.7	.9 <sup>P</sup>					

<sup>p</sup>preliminary.

## D-2: Labor turnover rates, by industry

		(Per 100 employees)									
SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1972 <sup>D</sup>	July 1972	Aug. 1972 <sup>D</sup>	July 1972	Aug. 1972 <sup>D</sup>	July 1972	Aug. 1972 <sup>D</sup>	July 1972	Aug. 1972 <sup>D</sup>	July 1972
	<b>MANUFACTURING . . . . .</b>	5.9	4.6	4.5	3.4	5.5	4.8	3.6	2.2	0.9	1.7
19,24,25,32-39	<b>DURABLE GOODS . . . . .</b>	5.3	4.1	3.9	2.9	4.9	4.6	3.1	1.8	.8	1.9
20-23,26-31	<b>NONDURABLE GOODS . . . . .</b>	6.7	5.3	5.2	3.9	6.3	5.0	4.4	2.7	1.0	1.6
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES . . . . .</b>	-	2.9	-	1.9	-	2.6	-	.9	-	.7
192	Ammunition, except for small arms . . . . .	-	3.3	-	2.2	-	2.6	-	.9	-	.7
24	<b>LUMBER AND WOOD PRODUCTS . . . . .</b>	6.9	5.9	6.4	5.2	7.5	5.5	5.8	3.8	.6	.6
242	Sawmills and planing mills . . . . .	-	5.4	-	4.8	-	5.2	-	3.9	-	.4
2421	Sawmills and planing mills, general . . . . .	-	4.9	-	4.4	-	4.8	-	3.6	-	.4
243	Millwork, plywood & related products . . . . .	-	6.2	-	5.6	-	5.5	-	3.7	-	.7
2431	Millwork . . . . .	-	6.1	-	5.6	-	5.4	-	3.5	-	.9
2432	Veneer and plywood . . . . .	-	4.7	-	4.4	-	4.6	-	3.2	-	.4
244	Wooden containers . . . . .	-	7.4	-	6.9	-	7.9	-	6.5	-	.4
2441,2	Wooden boxes, shooks, and crates . . . . .	-	7.4	-	7.1	-	7.5	-	6.5	-	.3
249	Miscellaneous wood products . . . . .	-	6.2	-	5.3	-	6.0	-	4.0	-	1.0
25	<b>FURNITURE AND FIXTURES . . . . .</b>	9.1	6.7	8.0	6.0	8.9	6.6	6.5	4.1	.8	1.3
251	Household furniture . . . . .	-	7.0	-	6.3	-	6.9	-	4.5	-	1.2
2511	Wood household furniture . . . . .	-	7.1	-	6.5	-	6.7	-	4.8	-	.7
2512	Upholstered household furniture . . . . .	-	6.4	-	5.6	-	5.5	-	4.0	-	.4
2515	Mattresses and bedsprings . . . . .	-	7.2	-	6.3	-	6.0	-	3.7	-	1.3
252	Office furniture . . . . .	-	4.6	-	4.0	-	4.5	-	2.7	-	.9
32	<b>STONE, CLAY, AND GLASS PRODUCTS . . . . .</b>	5.3	4.4	4.4	3.6	5.7	3.9	3.9	2.2	.6	.8
321	Flat glass . . . . .	-	3.5	-	.8	-	4.1	-	.5	-	2.0
322	Glass and glassware, pressed or blown . . . . .	-	4.1	-	3.1	-	3.5	-	1.6	-	.9
3221	Glass containers . . . . .	-	3.8	-	3.0	-	2.8	-	1.8	-	.2
3229	Pressed and blown glass, n e c . . . . .	-	4.6	-	3.1	-	4.3	-	1.3	-	1.8
324	Cement, hydraulic . . . . .	-	1.1	-	1.0	-	1.1	-	.5	-	.1
325	Structural clay products . . . . .	-	5.9	-	5.3	-	5.0	-	3.8	-	.2
3251	Brick and structural clay tile . . . . .	-	7.3	-	6.4	-	6.0	-	4.9	-	.1
326	Pottery and related products . . . . .	-	4.1	-	3.5	-	3.7	-	2.1	-	.6
3291	Abrasive products . . . . .	-	1.8	-	1.3	-	1.9	-	1.0	-	.1
33	<b>PRIMARY METAL INDUSTRIES . . . . .</b>	3.7	2.7	2.5	1.6	3.5	2.9	2.0	1.0	.5	.9
331	Blast furnace and basic steel products . . . . .	-	2.4	-	1.0	-	2.1	-	.6	-	.6
3312	Blast furnaces and steel mills . . . . .	-	2.3	-	.9	-	1.9	-	.5	-	.5
332	Iron and steel foundries . . . . .	-	3.7	-	2.7	-	4.8	-	1.8	-	1.7
3321	Gray iron foundries . . . . .	-	3.5	-	2.9	-	5.6	-	2.0	-	2.3
3322	Malleable iron foundries . . . . .	-	3.5	-	2.7	-	3.3	-	1.9	-	.2
3323	Steel foundries . . . . .	-	4.1	-	2.3	-	3.5	-	1.5	-	1.0
333,4	Nonferrous metals . . . . .	-	2.4	-	1.5	-	2.7	-	1.3	-	.5
335	Nonferrous rolling and drawing . . . . .	-	2.2	-	1.5	-	2.4	-	.9	-	.8
3351	Copper rolling and drawing . . . . .	-	1.6	-	1.3	-	2.6	-	.8	-	1.0
3352	Aluminum rolling and drawing . . . . .	-	2.4	-	1.6	-	2.0	-	.9	-	.4
3357	Nonferrous wire drawing, and insulating . . . . .	-	2.5	-	1.7	-	2.8	-	1.1	-	1.1
336	Nonferrous foundries . . . . .	-	4.3	-	3.5	-	5.1	-	2.5	-	1.5
3361	Aluminum castings . . . . .	-	4.0	-	3.5	-	5.5	-	2.9	-	1.6
3362,9	Other nonferrous castings . . . . .	-	4.6	-	3.5	-	4.6	-	2.1	-	1.5
339	Miscellaneous primary metal products . . . . .	-	2.7	-	2.0	-	3.0	-	1.2	-	.9
3391	Iron and steel forgings . . . . .	-	2.3	-	1.7	-	2.9	-	.9	-	1.3

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972
	<i>Durable Goods--Continued</i>										
34	<b>FABRICATED METAL PRODUCTS</b>	-	4.6	-	3.4	-	4.1	-	2.0	-	1.2
341	Metal cans	-	5.6	-	2.3	-	4.7	-	1.0	-	2.4
342	Cutlery, hand tools, and hardware	-	3.4	-	2.6	-	3.5	-	1.7	-	1.0
3421,3,5	Cutlery and hand tools, incl. saws	-	3.2	-	2.7	-	3.7	-	1.7	-	1.1
3429	Hardware, n e c	-	3.6	-	2.4	-	3.4	-	1.6	-	.9
343	Plumbing and heating, except electric	-	4.3	-	3.3	-	3.4	-	2.0	-	.6
3431,2	Sanitary ware & plumbers' brass goods	-	3.2	-	3.1	-	3.9	-	2.2	-	.8
3433	Hearing equipment, except electric	-	5.2	-	3.5	-	3.0	-	1.8	-	.4
344	Fabricated structural metal products	-	5.0	-	4.1	-	4.0	-	2.3	-	.8
3441	Fabricated structural steel	-	4.5	-	3.5	-	3.8	-	1.9	-	1.1
3443	Fabricated plate work (boiler shops)	-	3.4	-	2.6	-	2.8	-	1.4	-	.6
3446,9	Architectural and misc. metal work	-	5.9	-	4.9	-	4.2	-	2.5	-	.6
345	Screw machine products, bolts, etc.	-	3.6	-	3.3	-	2.8	-	1.7	-	.2
3452	Bolts, nuts, rivets, and washers	-	2.7	-	2.4	-	2.4	-	1.4	-	.1
346	Metal stampings	-	5.6	-	2.9	-	5.0	-	1.5	-	2.3
348	Misc. fabricated wire products	-	5.0	-	4.5	-	4.5	-	3.0	-	.7
349	Misc. fabricated metal products	-	3.1	-	2.4	-	3.9	-	1.6	-	1.4
3494,8	Valves, pipe, and pipe fittings	-	2.9	-	2.2	-	4.0	-	1.6	-	1.7
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	3.7	2.9	2.9	2.3	3.9	2.8	2.2	1.2	.8	.8
351	Engines and turbines	-	1.9	-	1.1	-	2.4	-	.6	-	1.1
3511	Steam engines and turbines	-	2.0	-	.9	-	4.1	-	.5	-	2.6
3519	Internal combustion engines, n e c	-	1.8	-	1.2	-	1.3	-	.6	-	.2
352	Farm machinery	-	4.7	-	4.0	-	3.0	-	1.5	-	.6
353	Construction and related machinery	-	2.7	-	2.2	-	2.3	-	1.2	-	.4
3531,2	Construction and mining machinery	-	2.1	-	1.6	-	1.9	-	.8	-	.4
3533	Oil field machinery	-	3.2	-	3.0	-	3.0	-	2.0	-	.1
3535,6	Conveyors, hoists, cranes, monorails	-	2.8	-	2.4	-	2.0	-	1.0	-	.3
354	Metal working machinery	-	2.9	-	2.2	-	3.3	-	1.2	-	1.4
3541	Machine tools, metal cutting types	-	2.3	-	1.5	-	1.7	-	.9	-	.3
3545	Machine tool accessories	-	2.2	-	1.6	-	1.7	-	.9	-	.3
3542,8	Misc. metal working machinery	-	3.1	-	2.4	-	2.8	-	1.3	-	.7
355	Special industry machinery	-	2.8	-	2.3	-	2.5	-	1.2	-	.5
3551	Food products machinery	-	3.0	-	2.4	-	2.7	-	1.2	-	.8
3552	Textile machinery	-	3.0	-	2.4	-	2.8	-	1.8	-	.4
356	General industrial machinery	-	2.8	-	2.1	-	2.4	-	1.2	-	.6
3561	Pumps and compressors	-	2.3	-	1.8	-	1.9	-	1.0	-	.2
3562	Ball and roller bearings	-	3.4	-	1.7	-	2.6	-	1.0	-	.9
3566	Power transmission equipment	-	2.8	-	2.4	-	2.1	-	1.2	-	.2
357	Office and computing machines	-	2.3	-	1.7	-	1.9	-	.9	-	.3
3573	Electronic computing equipment	-	2.2	-	1.7	-	1.6	-	.9	-	.1
358	Service industry machines	-	3.0	-	2.3	-	4.0	-	1.7	-	1.4
3585	Refrigeration machinery	-	2.9	-	2.0	-	3.8	-	1.4	-	1.4
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	-	3.3	-	2.3	-	3.2	-	1.5	-	.8
361	Electric test & distributing equipment	-	2.8	-	2.1	-	2.5	-	1.3	-	.5
3611	Electric measuring instruments	-	3.4	-	2.9	-	2.3	-	1.5	-	.1
3612	Transformers	-	2.7	-	2.0	-	2.3	-	1.2	-	.3
3613	Switchgear and switchboard apparatus	-	2.3	-	1.4	-	2.8	-	1.2	-	.9
362	Electrical industrial apparatus	-	2.8	-	2.0	-	2.8	-	1.3	-	.8
3621	Motors and generators	-	2.7	-	2.0	-	3.0	-	1.2	-	1.0
3622	Industrial controls	-	3.2	-	2.0	-	3.0	-	1.5	-	.6
363	Household appliances	-	3.8	-	2.2	-	4.2	-	1.4	-	1.4
3632	Household refrigerators and freezers	-	4.1	-	1.2	-	6.2	-	1.0	-	2.7
3633	Household laundry equipment	-	2.3	-	1.5	-	1.8	-	.8	-	(1)
3634	Electric housewares and fans	-	4.3	-	3.4	-	4.4	-	2.2	-	1.4
364	Electric lighting and wiring equipment	-	5.0	-	3.3	-	4.5	-	1.9	-	1.6
3641	Electric lamps	-	2.2	-	1.3	-	3.4	-	1.0	-	1.3
3642	Lighting fixtures	-	5.9	-	3.8	-	4.8	-	2.1	-	1.7
3643,4	Wiring devices	-	5.5	-	3.7	-	4.7	-	2.2	-	1.6
365	Radio and TV receiving equipment	-	4.7	-	3.4	-	5.3	-	2.2	-	1.5
366	Communication equipment	-	1.9	-	1.3	-	1.7	-	.8	-	.4
3661	Telephone and telegraph apparatus	-	.9	-	.5	-	1.0	-	.6	-	.1
3662	Radio and TV communication equipment	-	2.5	-	1.7	-	2.1	-	.9	-	.5
367	Electronic components and accessories	-	3.7	-	2.9	-	3.8	-	2.1	-	.7
3671-3	Electron tubes	-	2.6	-	1.6	-	4.0	-	1.4	-	1.8
3674,9	Other electronic components	-	3.9	-	3.1	-	3.8	-	2.3	-	.5
369	Misc. electrical equipment & supplies	-	3.5	-	2.7	-	2.9	-	1.6	-	.6
3694	Engine electrical equipment	-	2.8	-	2.2	-	2.9	-	1.5	-	.7

See footnotes at end of table.

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

SIC Code	Industry	(Per 100 employees)									
		Accession rates				Separation rates				Layoffs	
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972
	<i>Durable Goods--Continued</i>										
37	<b>TRANSPORTATION EQUIPMENT</b>	-	4.6	-	2.6	-	9.5	-	1.5	-	7.0
371	Motor vehicles and equipment	-	4.5	-	1.9	-	15.8	-	1.0	-	13.8
3711	Motor vehicles	-	4.6	-	1.8	-	26.0	-	.8	-	24.3
3712	Passenger car bodies	-	1.8	-	.6	-	5.7	-	.5	-	3.6
3713	Truck and bus bodies	-	9.7	-	3.8	-	3.4	-	2.3	-	.2
3714	Motor vehicle parts and accessories	-	4.2	-	1.8	-	9.8	-	.9	-	7.8
372	Aircraft and parts	-	2.2	-	1.1	-	1.9	-	.8	-	.7
3721	Aircraft	-	1.9	-	1.0	-	1.8	-	.7	-	.7
3722	Aircraft engines and engine parts	-	1.8	-	.7	-	1.6	-	.5	-	.5
3723,9	Other aircraft parts and equipment	-	3.6	-	2.2	-	3.0	-	1.3	-	1.1
373	Ship and boat building and repairing	-	8.0	-	4.6	-	6.6	-	2.7	-	2.6
3731	Ship building and repairing	-	8.1	-	3.8	-	6.4	-	2.0	-	3.2
374	Railroad equipment	-	4.4	-	1.3	-	5.5	-	.8	-	3.8
375,9	Other transportation equipment	-	9.4	-	8.5	-	8.3	-	5.9	-	.4
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	4.1	3.0	3.5	2.4	3.6	2.6	2.5	1.4	.3	.5
381	Engineering & scientific instruments	-	2.2	-	1.5	-	2.0	-	.9	-	.3
382	Mechanical measuring & control devices	-	2.6	-	1.9	-	2.6	-	1.3	-	.4
3821	Mechanical measuring devices	-	1.9	-	1.6	-	2.2	-	1.2	-	.3
3822	Automatic temperature controls	-	3.6	-	2.4	-	3.2	-	1.5	-	.5
383,5	Optical and ophthalmic goods	-	3.8	-	2.7	-	4.1	-	1.9	-	1.2
384	Medical instruments and supplies	-	3.0	-	2.6	-	3.2	-	1.8	-	.7
386	Photographic equipment and supplies	-	3.0	-	2.9	-	1.4	-	.8	-	.3
387	Watches, clocks, and watchcases	-	4.3	-	3.1	-	4.1	-	2.3	-	.8
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	8.3	7.2	6.8	5.1	7.1	6.6	4.6	2.9	1.1	2.7
391	Jewelry, silverware, and plated ware	-	6.0	-	3.4	-	8.0	-	2.1	-	5.1
394	Toys and sporting goods	-	11.5	-	8.4	-	9.4	-	4.1	-	3.4
3941-3	Games, toys, dolls, & play vehicles	-	15.5	-	11.0	-	11.5	-	4.7	-	4.4
3949	Sporting and athletic goods, n e c	-	6.8	-	5.3	-	7.0	-	3.4	-	2.2
395	Pens, pencils, office and art supplies	-	5.2	-	3.6	-	4.3	-	2.0	-	1.6
396	Costume jewelry and notions	-	6.6	-	3.9	-	6.6	-	2.6	-	3.1
393,9	Other manufacturing industries	-	5.1	-	3.9	-	4.7	-	2.4	-	1.6
	<i>Nondurable Goods</i>										
20	<b>FOOD AND KINDRED PRODUCTS</b>	10.4	8.1	8.2	5.8	8.3	6.0	5.6	3.1	1.9	2.3
201	Meat products	-	7.1	-	4.8	-	7.4	-	4.2	-	2.5
2011	Meat packing plants	-	5.4	-	2.1	-	6.1	-	1.4	-	4.1
2015	Poultry dressing plants	-	11.6	-	10.0	-	10.9	-	9.7	-	.4
204	Grain mill products	-	3.6	-	3.0	-	3.1	-	1.9	-	.6
2041	Flour and other grain mill products	-	3.0	-	2.4	-	2.8	-	1.4	-	.7
2042	Prepared feeds for animals and fowls	-	4.0	-	3.6	-	3.6	-	2.5	-	.4
205	Bakery products	-	5.0	-	3.8	-	3.8	-	2.4	-	.7
2051	Bread, cake, and related products	-	4.6	-	3.4	-	3.8	-	2.4	-	.7
2052	Cookies and crackers	-	7.3	-	5.6	-	3.7	-	2.3	-	.6
207	Confectionery and related products	-	6.5	-	4.0	-	6.5	-	2.4	-	3.6
2071	Confectionery products	-	7.7	-	4.3	-	8.1	-	2.9	-	4.8
208	Beverages	-	5.7	-	4.2	-	5.1	-	2.7	-	1.6
2082	Malt liquors	-	3.9	-	1.9	-	4.6	-	.6	-	3.2
21	<b>TOBACCO MANUFACTURES</b>	10.8	7.9	8.1	3.4	7.4	2.9	3.9	1.3	2.4	.9
211	Cigarettes	-	1.9	-	1.2	-	1.1	-	.5	-	(1)
212	Cigars	-	4.3	-	3.8	-	5.8	-	3.5	-	1.8

See footnotes at end of table.

ESTABLISHMENT DATA  
LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972
	<i>Nondurable Goods--Continued</i>										
22	<b>TEXTILE MILL PRODUCTS</b> .....	7.7	5.6	6.4	4.5	8.0	5.9	6.3	4.1	.4	.8
221	Weaving mills, cotton.....	-	5.1	-	4.1	-	5.6	-	4.2	-	.1
222	Weaving mills, synthetics.....	-	6.1	-	4.8	-	5.9	-	4.3	-	.4
223	Weaving and finishing mills, wool.....	-	5.8	-	4.7	-	6.4	-	3.7	-	1.5
224	Narrow fabric mills.....	-	5.9	-	3.6	-	7.9	-	3.6	-	3.6
225	Knitting mills.....	-	5.5	-	4.4	-	5.7	-	3.7	-	1.3
2251	Women's hosiery, except socks.....	-	4.7	-	4.0	-	4.0	-	3.1	-	.3
2252	Hosiery, n e c.....	-	5.6	-	5.2	-	5.6	-	4.8	-	.2
2254	Knit underwear mills.....	-	4.5	-	3.5	-	4.6	-	3.8	-	.4
226	Textile finishing, except wool.....	-	5.1	-	3.9	-	5.1	-	3.2	-	.9
227	Floor covering mills.....	-	5.6	-	4.9	-	5.0	-	3.7	-	.2
228	Yarn and thread mills.....	-	7.0	-	6.0	-	7.7	-	5.9	-	.7
229	Miscellaneous textile goods.....	-	4.6	-	3.6	-	4.7	-	2.6	-	1.0
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	8.5	6.7	5.8	4.5	7.6	7.8	5.3	3.7	1.1	3.1
231	Men's and boys' suits and coats.....	-	3.3	-	2.1	-	6.1	-	1.7	-	3.8
232	Men's and boys' furnishings.....	-	6.6	-	5.1	-	7.1	-	4.9	-	1.2
2321	Men's and boys' shirts and nightwear.....	-	6.5	-	4.8	-	6.9	-	4.6	-	1.2
2327	Men's and boys' separate trousers.....	-	5.3	-	4.5	-	6.6	-	4.8	-	1.1
2328	Men's and boys' work clothing.....	-	6.9	-	5.8	-	6.5	-	5.4	-	.4
234	Women's and children's undergarments.....	-	6.2	-	4.8	-	7.2	-	3.9	-	2.5
2341	Women's and children's underwear.....	-	6.5	-	5.2	-	7.8	-	4.4	-	2.5
2342	Corsets and allied garments.....	-	5.5	-	4.0	-	5.8	-	2.9	-	2.5
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	3.6	3.2	3.0	2.6	4.4	3.0	3.0	1.6	.5	.7
261,2,6	Paper and pulp mills.....	-	1.9	-	1.4	-	2.0	-	.7	-	.7
263	Paperboard mills.....	-	2.1	-	1.7	-	2.4	-	1.2	-	.6
264	Misc. converted paper products.....	-	3.8	-	3.2	-	3.2	-	1.8	-	.6
2643	Bags, except textile bags.....	-	5.2	-	4.5	-	4.8	-	2.5	-	1.3
265	Paperboard containers and boxes.....	-	4.2	-	3.4	-	4.0	-	2.3	-	.8
2651,2	Folding and setup paperboard boxes.....	-	5.4	-	3.8	-	4.5	-	2.7	-	1.0
2653	Corrugated and solid fiber boxes.....	-	3.2	-	3.0	-	3.1	-	2.0	-	.3
	<b>PRINTING AND PUBLISHING</b> .....	3.5	3.4	2.9	2.7	4.0	3.1	2.7	1.8	.7	.
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	2.4	2.1	1.9	1.6	3.1	2.2	1.8	.9	.5	.6
281	Industrial chemicals.....	-	1.4	-	1.1	-	1.4	-	.6	-	.2
282	Plastics materials and synthetics.....	-	1.9	-	1.5	-	2.0	-	.9	-	.6
2821	Plastics materials and resins.....	-	2.0	-	1.8	-	2.2	-	.9	-	.8
2823,4	Synthetic fibers.....	-	1.9	-	1.5	-	1.8	-	.9	-	.3
283	Drugs.....	-	1.7	-	1.3	-	1.7	-	.7	-	.5
2834	Pharmaceutical preparations.....	-	1.8	-	1.4	-	1.9	-	.8	-	.5
284	Soap, cleaners, and toilet goods.....	-	3.5	-	2.6	-	3.3	-	1.2	-	1.4
2841	Soap and other detergents.....	-	2.0	-	1.3	-	2.3	-	.5	-	1.2
2844	Toilet preparations.....	-	4.7	-	3.8	-	4.7	-	1.6	-	2.0
285	Paints and allied products.....	-	2.6	-	2.3	-	2.3	-	1.1	-	.3
286,9	Other chemical products.....	-	2.5	-	1.8	-	2.1	-	1.1	-	.3
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	1.9	1.6	1.5	1.4	2.9	1.9	1.6	.7	.3	.6
291	Petroleum refining.....	-	.9	-	.7	-	1.5	-	.4	-	.6
295,9	Other petroleum and coal products.....	-	4.1	-	3.9	-	3.7	-	1.8	-	.9
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C.</b> .....	6.9	5.0	5.2	4.0	6.0	4.8	4.2	2.7	.5	1.0
301	Tires and inner tubes.....	-	1.8	-	1.2	-	1.6	-	.7	-	.3
302,3,6	Other rubber products.....	-	4.3	-	3.3	-	4.8	-	2.3	-	1.3
307	Miscellaneous plastics products.....	-	6.7	-	5.6	-	6.2	-	3.7	-	1.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**
**D-2: Labor turnover rates, by industry--Continued**

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates						
		Total		New hires		Total		Quits		Layoffs		
		Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	Aug. 1972 <sup>p</sup>	July 1972	
	<i>Nondurable Goods--Continued</i>											
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	7.9	7.9	5.6	5.3	8.6	8.6	5.8	4.3	1.6	3.1	
311	Leather tanning and finishing .....	-	4.7	-	3.7	-	6.0	-	3.0	-	2.2	
314	Footwear, except rubber .....	-	8.0	-	5.1	-	8.5	-	4.4	-	2.8	
	<b>NONMANUFACTURING</b>											
10	<b>METAL MINING</b> .....	3.3	3.0	2.8	2.3	5.7	3.7	3.7	1.6	.9	1.2	
101	Iron ores .....	-	2.5	-	1.5	-	5.9	-	.4	-	4.4	
102	Copper ores .....	-	2.7	-	2.1	-	2.6	-	1.6	-	.1	
11,12	<b>COAL MINING</b> .....	1.8	1.5	1.3	1.3	2.2	2.2	1.3	.8	.5	.8	
12	Bituminous coal and lignite mining .....	-	1.4	-	1.2	-	2.0	-	.9	-	.6	
	<b>COMMUNICATION:</b>											
481	Telephone communication .....	-	1.5	-	-	-	1.3	-	.8	-	.1	
482	Telegraph communication <sup>2</sup> .....	-	2.3	-	-	-	3.3	-	2.3	-	.4	

<sup>1</sup> Less than 0.05.<sup>2</sup> Data relate to all employees except messengers.

p= preliminary.

## ESTABLISHMENT DATA

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## SEASONALLY ADJUSTED LABOR TURNOVER

D-3: Labor turnover rates in manufacturing, 1960 to date  
seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1960	4.2	4.1	3.7	3.6	3.8	3.7	3.6	3.9	3.8	3.5	3.6	3.6
1961	3.9	3.7	4.4	4.2	4.2	4.0	4.0	4.1	3.8	4.3	4.3	4.1
1962	4.3	4.2	4.1	4.2	4.2	4.0	4.2	4.0	4.0	3.9	3.8	3.8
1963	3.8	3.9	3.8	4.1	3.8	3.8	3.9	3.8	3.9	3.9	3.6	4.0
1964	3.8	4.0	4.0	4.0	3.8	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965	4.0	4.1	4.4	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966	4.9	5.0	5.4	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.5
1967	4.6	4.3	4.3	4.2	4.6	4.4	4.4	4.3	4.3	4.5	4.5	4.4
1968	4.5	4.6	4.4	4.7	4.6	4.5	4.7	4.6	4.6	4.9	4.8	4.9
1969	4.9	4.7	4.9	4.9	4.7	5.0	4.8	4.4	4.8	4.7	4.4	4.5
1970	4.2	4.3	4.1	4.0	4.1	4.1	4.1	4.0	3.8	3.6	3.7	3.7
1971	3.7	3.7	3.9	3.9	3.9	3.7	3.7	4.2	3.9	3.8	4.1	3.9
1972	4.4	4.4	4.4	4.3	4.7	4.0	4.3	4.7 <sup>P</sup>				
New hires												
1960	2.6	2.8	2.4	2.2	2.3	2.2	2.1	2.2	2.1	1.9	1.9	1.8
1961	1.8	1.8	1.9	2.0	2.1	2.1	2.2	2.3	2.3	2.5	2.5	2.5
1962	2.6	2.6	2.6	2.6	2.7	2.5	2.6	2.4	2.4	2.3	2.3	2.1
1963	2.3	2.3	2.4	2.5	2.4	2.4	2.4	2.4	2.5	2.4	2.2	2.5
1964	2.4	2.5	2.6	2.6	2.4	2.6	2.6	2.6	2.7	2.6	2.7	2.8
1965	2.8	3.0	3.3	2.8	2.9	3.1	3.0	3.1	3.1	3.2	3.5	3.7
1966	3.7	3.9	4.3	3.9	4.0	3.9	3.7	3.8	3.7	3.8	3.8	3.5
1967	3.4	3.3	3.2	3.1	3.2	3.3	3.1	3.2	3.2	3.4	3.4	3.3
1968	3.4	3.4	3.3	3.5	3.5	3.3	3.5	3.4	3.6	3.6	3.6	3.7
1969	3.8	3.8	3.9	3.8	3.7	3.8	3.7	3.4	3.7	3.5	3.5	3.5
1970	3.3	3.1	3.0	2.8	2.7	2.8	2.8	2.8	2.6	2.4	2.4	2.4
1971	2.3	2.4	2.5	2.5	2.6	2.5	2.6	2.7	2.6	2.5	2.8	2.7
1972	3.0	3.0	3.1	3.2	3.5	2.9	3.2	3.5 <sup>P</sup>				
Total separations												
1960	3.5	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.5	5.0
1961	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.7	4.1	3.9	4.0	4.1
1962	3.9	4.0	4.0	3.9	4.2	4.2	4.2	4.4	3.9	4.1	4.1	3.9
1963	4.0	3.8	3.9	3.9	3.9	3.8	3.9	4.1	3.8	3.8	4.0	3.9
1964	4.0	4.0	3.9	3.8	3.9	3.9	4.1	3.6	3.9	4.0	3.8	3.9
1965	3.8	3.7	3.8	4.0	3.9	4.0	4.0	4.2	4.2	4.2	4.2	4.4
1966	4.1	4.3	4.6	4.7	4.6	4.8	4.9	4.7	4.9	4.5	4.7	4.6
1967	4.7	4.8	5.1	4.6	4.5	4.7	4.4	4.3	4.6	4.4	4.4	4.4
1968	4.6	4.7	4.6	4.4	4.6	4.5	4.6	4.8	4.7	4.7	4.6	4.3
1969	4.7	4.8	4.9	4.8	5.0	5.0	4.8	5.0	4.9	5.0	4.8	4.8
1970	5.0	5.1	4.9	5.1	5.0	4.8	4.8	4.5	4.5	4.9	4.8	4.6
1971	4.4	4.2	4.1	4.2	4.0	4.2	4.4	4.4	4.0	4.0	4.1	4.3
1972	4.2	4.2	4.3	4.0	4.2	4.6	4.4	4.4 <sup>P</sup>				
Quits												
1960	1.5	1.6	1.5	1.5	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	1.3	1.5	1.4	1.4	1.5	1.5	1.4	1.5	1.4	1.4	1.4	1.3
1963	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.3
1964	1.4	1.4	1.4	1.4	1.5	1.4	1.5	1.5	1.5	1.6	1.5	1.6
1965	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.8	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.7	2.6	2.6	2.5	2.6	2.6	2.6	2.6	2.7
1967	2.5	2.4	2.4	2.3	2.3	2.4	2.1	2.3	2.3	2.3	2.4	2.4
1968	2.4	2.4	2.4	2.3	2.5	2.4	2.4	2.6	2.5	2.6	2.6	2.5
1969	2.7	2.7	2.7	2.8	2.8	2.7	2.7	2.7	2.6	2.8	2.6	2.6
1970	2.5	2.4	2.3	2.3	2.2	2.2	2.1	2.0	2.0	1.9	1.7	1.9
1971	1.8	1.7	1.7	1.7	1.7	1.9	1.8	1.9	1.8	1.7	1.9	1.9
1972	2.0	2.1	2.2	2.1	2.3	2.3	2.2	2.4 <sup>P</sup>				
Layoffs												
1960	1.5	1.9	2.3	2.4	2.3	2.5	2.4	2.6	2.5	2.6	2.7	2.8
1961	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.2	1.8	1.9	2.0
1962	1.8	2.0	1.8	1.8	2.0	2.0	2.0	2.4	2.0	2.1	2.0	1.9
1963	1.9	1.8	1.9	1.8	1.8	1.7	1.7	2.0	1.9	1.8	1.8	1.7
1964	1.8	1.8	1.8	1.6	1.7	1.6	1.7	1.5	1.6	1.7	1.5	1.6
1965	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.4	1.3	1.4	1.4
1966	1.2	1.1	1.1	1.2	1.1	1.3	1.5	1.2	1.1	1.1	1.2	1.3
1967	1.4	1.4	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.4	1.3	1.2	1.1	1.3	1.1	1.3	1.4	1.2	1.2	1.1	1.1
1969	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.2	1.2	1.3	1.2	1.4
1970	1.5	1.7	1.8	1.9	1.9	1.9	1.6	1.8	1.8	2.2	2.0	1.7
1971	1.7	1.6	1.6	1.6	1.5	1.5	1.5	1.9	1.6	1.5	1.4	1.4
1972	1.3	1.2	1.2	1.1	1.0	1.4	1.2	1.0 <sup>P</sup>				

<sup>p</sup>preliminary.

ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER

## D-4: 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	
	July 1972	June 1972	July 1972	June 1972	July 1972	June 1972	July 1972	June 1972	July 1972	June 1972
ALABAMA:										
Birmingham	3.5	4.5	2.4	2.8	2.8	3.0	1.6	1.8	0.5	0.4
Mobile <sup>1</sup>	7.7	8.4	2.8	3.4	6.6	7.5	1.8	1.5	4.2	5.2
ALASKA	28.4	40.1	23.0	26.6	17.6	10.5	6.4	6.8	10.1	2.3
ARIZONA	5.9	7.2	4.9	6.2	5.6	6.1	3.2	3.6	1.0	1.3
Phoenix	5.9	7.0	4.9	6.0	5.4	6.2	3.1	3.5	.8	1.4
ARKANSAS	7.0	7.8	6.1	6.7	6.8	7.0	5.3	5.1	.5	.9
Fort Smith	7.7	8.5	7.1	6.8	6.9	9.3	6.0	6.3	.2	2.1
Little Rock-North Little Rock	7.2	9.0	6.6	8.1	8.5	7.7	5.8	5.6	1.3	.4
Pine Bluff	6.7	7.2	5.4	5.9	5.1	4.8	4.2	3.9	.1	.4
COLORADO	4.9	6.9	4.3	5.9	4.4	4.8	2.6	3.1	.8	.6
Denver	5.0	6.3	4.3	5.4	4.7	5.1	2.7	3.1	.8	.7
CONNECTICUT	2.9	3.6	2.2	2.9	2.7	2.8	1.3	1.4	.6	.7
Hartford	2.5	3.1	1.8	2.3	1.9	3.2	1.1	1.1	.2	1.2
DELAWARE <sup>2</sup>	9.2	3.9	1.7	2.8	8.6	8.8	1.1	1.1	6.7	6.9
Wilmington <sup>1</sup>	9.5	3.8	1.8	2.7	8.8	9.2	1.1	1.1	6.9	7.1
DISTRICT OF COLUMBIA:										
Washington SMSA	(*)	3.6	(*)	3.2	(*)	3.0	(*)	2.1	(*)	.1
FLORIDA	7.4	7.7	6.4	6.9	7.9	7.6	4.8	4.9	1.9	1.7
Fort Lauderdale-Hollywood	7.9	8.3	7.3	8.0	5.9	7.3	4.5	5.2	.3	.8
Jacksonville	5.4	9.0	4.9	6.7	4.5	5.4	3.1	3.1	.3	.3
Miami	6.4	6.2	5.2	5.5	8.6	6.6	3.9	3.8	3.2	2.0
Orlando	8.3	8.2	7.4	7.3	9.8	7.7	6.2	5.8	2.2	.9
Pensacola	2.5	2.3	2.4	2.2	2.8	2.0	1.9	1.8	.7	( <sup>2</sup> )
Tampa-St. Petersburg	10.2	9.6	8.4	8.8	9.1	9.8	6.7	7.2	1.3	1.4
West Palm Beach	3.3	3.4	2.7	3.1	3.3	4.2	2.4	2.5	.3	.4
GEORGIA	6.5	7.2	5.6	6.2	5.9	5.3	4.4	4.2	.3	.2
Atlanta <sup>3</sup>	5.5	6.0	4.9	5.4	5.1	4.1	3.5	3.1	.6	.3
HAWAII <sup>4</sup>	2.4	3.2	1.4	2.9	2.4	1.9	1.3	1.0	.7	.3
IDAHO <sup>5</sup>	7.4	10.6	7.1	8.8	5.9	5.6	4.0	3.7	.6	.4
ILLINOIS:										
Chicago	3.5	4.8	2.9	4.0	3.3	3.2	1.7	1.8	.6	.4
INDIANA <sup>1</sup>	3.7	4.3	2.3	3.2	3.4	4.0	1.4	1.6	1.1	1.5
Indianapolis <sup>6</sup>	4.0	3.3	1.6	2.7	2.1	4.4	1.1	1.1	.2	2.4
IOWA	4.3	4.7	3.4	3.2	3.0	2.6	1.6	1.5	.9	.6
Cedar Rapids	5.2	5.0	4.0	2.6	2.5	2.9	1.1	1.1	1.1	1.5
Des Moines	2.8	3.8	2.1	2.7	2.5	3.1	1.7	1.8	.1	.2
KANSAS	4.3	5.7	3.4	4.6	6.6	4.1	2.3	2.5	3.5	.8
Topeka	2.3	3.6	1.3	2.1	3.1	3.7	1.0	1.2	1.6	1.8
Wichita	4.7	5.6	3.7	4.4	3.2	3.1	1.8	2.0	.6	.5
KENTUCKY	4.1	3.9	2.9	3.0	3.2	3.4	1.9	1.8	.6	.6
Louisville	3.4	3.2	2.3	2.3	3.1	2.2	1.4	1.1	.2	.3
LOUISIANA:										
New Orleans	4.2	4.8	3.2	3.8	3.8	4.9	1.9	2.3	.7	1.1
MAINE	6.6	9.5	4.7	7.3	5.6	7.4	3.3	3.8	1.4	2.5
Portland	4.3	7.3	3.6	6.5	3.9	4.3	2.8	2.7	.5	1.1
MARYLAND	3.7	4.4	2.9	3.2	4.9	3.6	1.7	1.9	2.2	.9
Baltimore	3.2	4.1	2.5	2.9	5.4	3.4	1.6	1.7	2.7	.8
MASSACHUSETTS	3.7	4.7	2.6	3.8	4.4	4.2	2.0	2.1	1.6	1.2
Boston	2.9	4.3	2.2	3.2	4.1	4.6	1.7	1.8	1.6	1.9
MICHIGAN	4.7	2.9	3.0	1.7	6.0	2.5	1.2	.9	3.8	.8
Detroit	4.5	4.4	2.9	3.2	7.4	3.9	1.2	1.4	5.1	1.3

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER**

122

**D-4: 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	
July 1972 <sup>P</sup>	June 1972	July 1972 <sup>P</sup>	June 1972	July 1972 <sup>P</sup>	June 1972	July 1972 <sup>P</sup>	June 1972	July 1972 <sup>P</sup>	June 1972	
MINNESOTA	4.2	6.2	3.2	4.6	3.1	3.7	1.7	2.0	0.8	1.0
Minneapolis-St. Paul	3.5	4.9	2.6	3.6	2.7	3.4	1.4	1.7	.8	1.0
MISSISSIPPI:										
Jackson	4.6	4.5	4.3	3.8	4.5	5.4	3.1	3.4	.4	.8
MISSOURI	3.9	4.5	3.1	3.6	5.6	3.5	2.1	2.1	2.7	.7
Kansas City	4.1	4.7	3.3	3.8	9.4	4.0	2.1	2.3	6.6	.8
St. Louis	2.4	3.4	1.7	2.4	4.5	2.3	1.0	1.1	2.8	.5
MONTANA	5.1	6.6	4.5	5.6	5.6	3.2	2.0	1.8	.9	.7
NEBRASKA	4.5	5.8	3.6	4.6	4.3	4.1	2.5	2.6	.7	.5
NEVADA	6.3	8.3	5.4	6.7	4.6	6.9	2.4	3.0	.9	1.6
NEW HAMPSHIRE	4.8	7.1	4.3	6.3	4.5	5.3	3.2	4.0	.6	.5
NEW JERSEY:										
Camden	3.7	4.7	2.7	3.5	4.0	3.6	1.4	1.7	1.8	.9
Jersey City	5.1	3.8	2.4	2.5	4.6	3.0	1.4	1.2	2.6	1.0
Newark	3.6	4.3	2.3	3.2	4.2	4.6	1.3	1.5	2.1	2.3
Paterson-Clifton-Passaic	4.3	4.9	3.1	3.5	5.6	3.7	1.6	1.8	2.8	1.0
Perth Amboy	3.6	3.8	2.4	3.2	4.3	2.9	1.3	2.0	2.0	.7
Trenton	4.6	4.2	2.2	3.4	4.4	3.6	1.5	1.6	2.2	1.1
NEW YORK	4.3	4.5	2.8	3.1	6.8	4.0	1.5	1.4	4.4	1.7
Albany-Schenectady-Troy	2.7	3.2	1.6	2.1	5.4	2.3	1.0	1.0	3.6	.5
Binghamton	2.0	3.9	1.4	1.8	2.3	1.9	1.1	1.1	.8	.3
Buffalo	3.2	3.1	1.7	2.1	11.1	3.1	.8	.7	9.6	1.6
Elmira	3.5	3.9	2.9	3.2	6.0	3.0	1.5	1.0	3.7	1.4
Monroe County <sup>8</sup>	3.2	3.7	2.7	3.3	2.9	1.9	1.0	1.0	1.3	.3
Nassau and Suffolk Counties <sup>9</sup>	4.9	5.8	4.0	4.7	6.3	4.7	2.4	2.2	3.0	1.5
New York SMSA	5.0	5.0	3.2	3.4	7.9	4.8	1.8	1.6	5.1	2.3
New York City <sup>9</sup>	5.2	5.0	3.2	3.2	8.3	5.1	1.8	1.5	5.6	2.7
Rochester	4.0	4.0	3.3	3.4	3.2	2.1	1.2	1.1	1.4	.4
Syracuse	3.7	3.5	3.0	2.8	3.7	2.4	1.3	1.2	1.6	.4
Utica-Rome	3.0	3.5	2.0	2.2	4.5	3.5	1.2	1.1	2.7	1.8
Westchester County <sup>9</sup>	3.4	3.5	1.9	2.6	7.8	2.9	1.3	1.2	5.6	.8
NORTH CAROLINA	5.4	6.6	4.6	5.8	5.5	5.5	4.2	4.2	.3	.2
Charlotte	5.7	7.4	4.8	6.9	4.8	7.0	4.0	4.8	( <sup>2</sup> )	.4
Greensboro-Winston-Salem-High Point	5.4	5.6	4.2	5.0	4.9	4.6	3.4	3.5	.4	.3
NORTH DAKOTA	(*)	8.1	(*)	6.4	(*)	9.2	(*)	2.4	(*)	5.8
Fargo-Moorhead	(*)	4.8	(*)	2.9	(*)	2.7	(*)	2.1	(*)	.3
OHIO	2.9	3.9	1.8	2.6	2.7	2.9	1.1	1.2	.9	.9
Akron	1.8	2.7	.9	1.8	1.9	1.8	.8	.7	.3	.6
Canton	2.3	4.4	1.0	1.9	2.4	2.7	.8	.9	.8	.7
Cincinnati	2.5	4.1	1.8	2.8	2.4	2.6	1.3	1.3	.4	.5
Cleveland	3.0	3.8	2.0	2.6	3.7	3.1	1.1	1.2	1.8	1.0
Columbus	3.7	3.8	2.4	2.6	2.1	3.9	1.3	1.7	.1	1.5
Dayton	2.3	3.3	1.5	2.2	2.2	2.7	1.0	1.3	.4	.5
Toledo	2.9	4.3	1.8	3.0	3.1	2.7	.9	1.0	1.1	.5
Youngstown-Warren	2.9	3.2	1.6	1.3	1.9	4.0	.7	.6	.3	2.5
OKLAHOMA	5.8	6.9	4.9	5.8	5.3	5.5	3.7	4.0	.6	.5
Oklahoma City	7.1	8.1	5.9	6.9	6.5	7.2	4.6	4.7	.9	1.3
Tulsa <sup>10</sup>	5.4	6.1	4.4	4.2	4.6	3.9	2.4	2.9	1.0	.2
OREGON <sup>1</sup>	4.9	7.7	4.3	6.5	4.2	4.8	2.6	2.8	.8	.9
Portland <sup>1</sup>	4.4	6.4	3.7	5.0	3.7	5.2	2.1	2.5	.8	1.6
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	4.1	3.8	1.8	2.8	8.0	2.7	1.2	1.4	6.0	.6
Altoona	4.2	6.6	2.8	4.3	4.2	3.9	2.6	2.6	1.0	.8
Erie	3.5	4.5	2.6	3.0	2.7	2.9	1.4	1.4	.3	.6
Harrisburg	3.3	4.4	2.3	3.9	3.6	2.9	1.7	1.5	1.0	.6
Johnstown	2.8	2.4	1.2	1.0	4.3	6.1	.9	1.0	2.9	4.6
Lancaster	3.4	5.3	2.8	4.7	2.7	2.9	2.2	2.1	.1	.2

See footnotes at end of table.

ESTABLISHMENT DATA  
STATE AND AREA LABOR TURNOVER

D-4: 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	
July 1972 <sup>p</sup>	June 1972	July 1972 <sup>p</sup>	June 1972	July 1972 <sup>p</sup>	June 1972	July 1972 <sup>p</sup>	June 1972	July 1972 <sup>p</sup>	June 1972	
PENNSYLVANIA—Continued										
Philadelphia SMSA .....	3.7	4.0	2.1	2.9	3.4	4.0	1.2	1.5	1.4	1.6
Pittsburgh .....	2.8	2.9	1.0	1.6	2.6	2.2	.5	.6	1.2	.9
Reading .....	6.4	4.7	3.2	3.8	4.2	6.3	2.1	1.7	1.4	3.8
Scranton .....	7.5	4.9	2.2	3.0	4.8	5.3	1.6	1.9	2.7	2.8
Wilkes-Barre—Hazleton .....	9.9	4.3	1.6	3.4	11.8	8.1	1.5	1.6	8.3	5.9
York .....	5.4	5.8	3.4	4.9	5.0	3.5	3.0	2.6	1.3	.2
RHODE ISLAND.....										
Providence—Warwick—Pawtucket .....	7.5	7.2	3.9	5.9	7.5	5.1	2.6	3.2	4.0	1.0
.....	7.6	7.1	3.9	5.9	7.7	5.3	2.7	3.3	4.1	1.0
SOUTH CAROLINA:										
Greenville .....	7.5	7.3	6.3	6.7	7.1	6.4	5.5	5.3	.6	.1
SOUTH DAKOTA.....										
Sioux Falls .....	4.8	7.7	3.7	5.7	4.6	4.8	2.6	3.1	1.7	1.3
.....	4.8	8.1	1.8	3.0	6.4	5.4	1.4	1.9	4.6	3.3
TENNESSEE:										
Memphis .....	5.2	5.6	4.4	4.4	4.6	4.3	2.9	2.6	.5	
TEXAS:										
Dallas .....	5.0	5.6	4.5	5.0	5.2	4.6	3.6	3.3	.7	.4
Fort Worth .....	6.1	5.7	5.6	5.2	11.2	5.0	4.3	3.5	6.0	.7
Houston .....	4.3	5.1	3.9	4.5	3.9	4.0	2.6	2.5	.3	.4
San Antonio .....	4.6	5.3	4.3	5.1	4.0	5.1	2.8	3.3	.3	.4
UTAH <sup>5</sup> .....										
Salt Lake City <sup>5</sup> .....	5.2	7.7	4.5	4.5	4.5	3.6	2.7	2.4	.8	.5
.....	4.2	5.4	3.8	4.6	3.4	3.5	2.3	2.5	.3	.3
VERMONT.....										
Burlington .....	3.5	4.5	2.7	3.4	3.6	3.3	1.7	2.1	1.2	.3
Springfield.....	2.3	1.5	.9	.6	2.0	2.0	.7	.8	.5	.4
.....	3.9	4.9	2.0	3.0	1.6	2.8	1.0	1.7	.3	.4
VIRGINIA.....										
Richmond .....	4.7	5.4	3.7	4.6	4.1	3.9	2.8	2.7	.6	.3
.....	3.8	3.6	3.0	2.8	3.0	2.3	1.5	1.4	.9	.2
WASHINGTON:										
Seattle—Everett <sup>11</sup> .....	3.9	5.1	2.4	3.4	3.0	3.8	1.3	1.7	1.1	1.4
WEST VIRGINIA:										
Charleston .....	1.0	1.3	.4	.6	1.2	1.3	.4	.4	.3	.4
WISCONSIN.....										
Milwaukee .....	4.6	5.7	3.2	4.1	4.4	3.0	1.4	1.3	2.2	.8
.....	3.0	4.6	2.1	3.2	3.0	3.5	1.3	1.3	.7	.8
WYOMING.....										
.....	10.5	8.9	8.5	7.8	3.8	4.7	2.7	3.0	.4	.6

<sup>1</sup> Excludes canning and preserving.<sup>2</sup> Less than 0.05.<sup>3</sup> Excludes agricultural chemicals and miscellaneous manufacturing.<sup>4</sup> Excludes canned fruits, vegetables, preserves, jams and jellies.<sup>5</sup> Excludes canning and preserving, and sugar.<sup>6</sup> Excludes canning and preserving, and newspapers.<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.<sup>8</sup> Subarea of Rochester Standard Metropolitan Statistical Area.<sup>9</sup> Subarea of New York Standard Metropolitan Statistical Area.<sup>10</sup> Excludes new-hire rate for transportation equipment.<sup>11</sup> Excludes canning and preserving, printing and publishing.<sup>p</sup> Not available.<sup>p</sup> preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA**  
**JOB VACANCY**

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**E-1: Number and rate of job vacancies in manufacturing, April 1969 to date**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Number of job vacancies (In thousands)													
1969 .....	-	-	-	293	289	241	258	313	289	243	210	186	264
1970 .....	187	170	166	158	151	123	126	137	118	92	75	76	132
1971 .....	81	80	83	93	94	89	90	106	98	90	79	78	88
1972 .....	90	97	110	124	127	124	134	159p					
Job vacancy rates <sup>1</sup>													
1969 .....	-	-	-	1.4	1.4	1.2	1.3	1.5	1.4	1.2	1.0	0.9	1.3
1970 .....	0.9	0.9	0.8	.8	.8	.6	.6	.7	.6	.5	.4	.4	.7
1971 .....	.4	.4	.4	.5	.5	.5	.5	.6	.5	.5	.4	.4	.5
1972 .....	.5	.5	.6	.7	.7	.6	.7	.8p					
Number of long-term job vacancies <sup>2</sup> (In thousands)													
1969 .....	-	-	-	137	131	110	110	121	127	111	102	90	120
1970 .....	77	70	67	60	56	45	44	43	38	33	30	29	49
1971 .....	28	27	27	28	27	25	26	28	28	28	25	26	27
1972 .....	25	27	30	33	33	32	34	38p					
Long-term job vacancy rates <sup>2</sup>													
1969 .....	-	-	-	0.7	0.6	0.5	0.5	0.6	0.6	0.5	0.5	0.4	0.6
1970 .....	0.4	0.3	0.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.3
1971 .....	.2	.1	.1	.2	.1	.1	.1	.2	.1	.1	.1	.1	.1
1972 .....	.1	.1	.2	.2	.2	.2	.2	.2p					

<sup>1</sup> Computed by dividing the number of vacancies by the sum of employment plus vacancies and multiplying that quotient by 100.

<sup>2</sup> Long-term job vacancies are those vacancies that have remained unfilled for 30 days or more. The long-term job vacancy rate is computed by dividing the number of long-term vacancies by the sum of employment plus all job vacancies and multiplying that quotient by 100.

p=preliminary.

**E-2: Number and rate of job vacancies in manufacturing, April 1969 to date, seasonally adjusted**

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Number of job vacancies (In thousands)												
1969 .....	-	-	-	277	269	248	250	255	255	247	245	222
1970 .....	204	185	168	149	140	126	122	112	104	94	88	91
1971 .....	89	87	84	88	87	91	87	86	92	92	92	93
1972 .....	98	106	111	117	118	127	130	130p				
Job vacancy rates <sup>1</sup>												
1969 .....	-	-	-	1.4	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.1
1970 .....	1.0	1.0	.8	.8	.7	.6	.6	.6	.5	.5	.5	.5
1971 .....	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
1972 .....	.5	.6	.6	.6	.6	.7	.7	.7p				
Number of long-term job vacancies <sup>2</sup> (In thousands)												
1969 .....	-	-	-	134	128	118	112	112	117	108	104	92
1970 .....	83	73	68	59	54	48	45	40	35	32	30	30
1971 .....	30	28	27	27	26	27	26	26	26	27	25	26
1972 .....	27	29	30	32	33	34	35	35p				
Long-term job vacancy rates <sup>2</sup>												
1969 .....	-	-	-	.7	.6	.6	.6	.5	.6	.5	.5	.5
1970 .....	.4	.4	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2
1971 .....	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1
1972 .....	.1	.2	.2	.2	.2	.2	.2	.2p				

<sup>1</sup> See footnote 1, table E-1.

<sup>2</sup> See footnote 2, table E-1.

p=preliminary.

E-3: Job vacancy rates in manufacturing, by industry

Industry division and group	1972								1971				
	Aug. p	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
	Job vacancy rates <sup>1</sup>												
Manufacturing	0.8	0.7	0.6	0.7	0.7	0.6	0.5	0.5	0.4	0.4	0.5	0.5	0.6
Durable goods	.8	.7	.6	.6	.6	.5	.5	.5	.4	.4	.4	.5	.5
Nondurable goods	.9	.7	.7	.7	.7	.6	.6	.5	.5	.5	.5	.6	.6
Selected durable goods industries:													
Primary metal industries	.5	.3	.3	.3	.3	.2	.2	.2	.1	.2	.2	.2	.2
Machinery, except electrical	.8	.8	.7	.7	.7	.6	.5	.5	.4	.4	.4	.5	.4
Electrical equipment and supplies	1.0	1.0	.8	.8	.8	.7	.7	.6	.5	.5	.6	.5	.6
Transportation equipment	.7	.6	.6	.6	.7	.5	.5	.4	.3	.4	.5	.5	.6
Instruments and related products	1.7	1.3	1.4	1.1	1.1	.9	.7	.7	.6	.6	.7	.8	.8
Selected nondurable goods industries:													
Textile mill products	1.5	1.2	1.1	1.2	1.2	1.1	.9	.8	.8	.8	.9	.9	1.0
Apparel and other textile products	1.6	1.5	1.4	1.4	1.3	1.4	1.3	1.2	1.1	1.0	1.2	1.3	1.4
Printing and publishing	.4	.4	.3	.4	.4	.4	.3	.3	.3	.3	.4	.3	.4
Chemicals and allied products	.5	.5	.5	.5	.6	.5	.4	.4	.3	.3	.4	.4	.4
	Long-term job vacancy rates <sup>2</sup>												
Manufacturing	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.2
Durable goods	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1
Nondurable goods	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
Selected durable goods industries:													
Primary metal industries	.1	.1	.1	.1	.1	.1	.1	(*)	(*)	(*)	(*)	(*)	(*)
Machinery, except electrical	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1
Electrical equipment and supplies	.2	.2	.2	.2	.2	.2	.2	.1	.2	.1	.1	.1	.1
Transportation equipment	.1	.2	.2	.1	.2	.1	.1	.1	.1	.1	.2	.1	.2
Instruments and related products	.5	.4	.3	.3	.3	.2	.2	.1	.1	.1	.1	.1	.1
Selected nondurable goods industries:													
Textile mill products	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2
Apparel and other textile products	.6	.5	.6	.6	.6	.6	.6	.5	.5	.5	.6	.6	.6
Printing and publishing	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
Chemicals and allied products	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1
	Long-term job vacancies as a percent of job vacancies <sup>3</sup>												
Manufacturing	24	25	26	26	26	27	28	28	33	31	31	28	27
Durable goods	23	24	23	24	23	24	24	23	30	27	28	25	23
Nondurable goods	25	27	30	29	30	31	33	33	37	35	34	32	30
Selected durable goods industries:													
Primary metal industries	16	23	23	24	22	27	27	23	29	28	29	25	27
Machinery, except electrical	29	25	25	28	24	25	23	23	29	30	30	26	26
Electrical equipment and supplies	19	21	19	20	21	23	23	21	30	26	24	23	17
Transportation equipment	22	28	27	23	25	24	27	26	29	23	34	25	27
Instruments and related products	28	32	24	30	22	19	25	19	24	15	16	21	17
Selected nondurable goods industries:													
Textile mill products	22	20	23	25	23	20	23	20	28	25	22	20	20
Apparel and other textile products	40	37	41	41	44	44	46	46	50	52	51	48	45
Printing and publishing	18	20	21	20	20	21	22	24	23	24	23	22	21
Chemicals and allied products	35	35	36	35	34	29	30	27	30	28	31	26	31

<sup>1</sup> See footnote 1, table E-1.

<sup>2</sup> See footnote 2, table E-1.

<sup>3</sup> Percentages are computed using unrounded rates.

Less than 0.05

p-preliminary.

E-4: Percent distribution of job vacancies in manufacturing, by industry

Industry division and group	1972								1971				
	Aug. p	July	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.
Manufacturing	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Durable goods	55.0	55.8	55.5	54.3	56.0	53.3	54.6	54.1	51.7	50.3	50.7	52.4	51.0
Primary metal industries	3.5	2.6	2.8	2.7	2.9	2.7	2.7	2.5	2.2	2.3	2.3	2.5	2.1
Machinery, except electrical	9.7	11.0	10.5	9.5	10.0	9.3	9.7	10.3	9.8	8.2	8.5	8.7	7.0
Electrical equipment and supplies	11.3	13.1	11.9	11.2	12.1	11.5	12.6	11.8	12.6	10.8	11.0	9.9	10.0
Transportation equipment	7.2	7.4	8.5	8.3	9.5	8.6	9.2	8.6	7.2	9.6	8.9	8.6	10.0
Instruments and related products	4.8	4.2	5.1	3.9	4.1	3.8	3.3	3.5	3.2	3.3	3.4	3.5	3.4
Other durable goods industries	18.9	17.3	16.7	18.6	17.4	17.4	17.1	17.5	16.8	16.1	16.5	19.2	18.5
Nondurable goods	45.0	44.2	44.5	45.7	44.0	46.7	45.4	45.9	48.3	49.7	49.3	47.6	49.0
Textile mill products	9.6	9.1	8.8	9.3	9.7	10.0	9.6	8.9	10.1	10.3	10.1	9.1	9.5
Apparel and other textile products	13.6	14.4	15.0	15.4	14.7	17.0	17.5	17.7	18.7	18.0	17.8	17.4	18.1
Printing and publishing	2.8	3.6	3.1	3.5	3.6	3.5	3.3	4.1	4.5	4.2	4.3	3.7	4.0
Chemicals and allied products	3.5	3.9	4.4	3.9	4.5	4.7	4.1	4.1	3.9	4.1	4.3	3.9	3.7
Other nondurable goods industries	15.5	13.3	13.3	13.8	11.6	11.5	11.1	11.3	11.2	13.0	12.7	13.4	13.7

p-preliminary

ESTABLISHMENT DATA  
NATIONAL AND AREA JOB VACANCY

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E-5: Jobvacancy rates, United States and selected areas

Areas	Job vacancy rates				Areas	Job vacancy rates			
	Total <sup>1</sup>		Long-term <sup>2</sup>			Total <sup>1</sup>		Long-term <sup>2</sup>	
	July 1972 <sup>p</sup>	June 1972	July 1972 <sup>p</sup>	June 1972		July 1972 <sup>p</sup>	June 1972	July 1972 <sup>p</sup>	June 1972
<b>Manufacturing</b>					<b>Nonmanufacturing<sup>4</sup></b>				
United States <sup>3</sup> . . . . .	0.7	0.6	0.2	0.2					
Albany-Schenectady-					Mining:				
Troy, N.Y. . . . .	.4	.3	.1	.1	New Orleans, La . . . . .	.2	.2	*	*
Atlanta, Ga. . . . .	.6	.4	.1	.1	Phoenix, Ariz . . . . .	(.5)	(.5)	(.5)	(.5)
Baltimore, Md. . . . .	.8	.6	.3	.3	Portland, Ore. . . . .	(.5)	(.5)	(.5)	(.5)
Boston, Mass. . . . .	.9	.6	.3	.2	Construction:				
Buffalo, N.Y. . . . .	.3	.4	.1	*	Oklahoma City, Okla . . . . .	.2	.6	.2	.2
Cedar Rapids, Iowa . . . . .	.3	.4	.1	.2	Portland, Ore. . . . .	.5	.4	*	*
Dallas, Tex. . . . .	.8	.9	.3	.3	Transportation and Public				
Denver, Colo. . . . .	.4	.2	.1	.1	Utilities:				
Des Moines, Iowa . . . . .	.2	.4	*	.1	Boston, Mass. . . . .	.2	.5	*	*
Detroit, Mich. . . . .	.3	.2	.1	.1	Minneapolis-St. Paul, Minn. <sup>6</sup> . . . . .	.1	.9	*	.3
Fort Worth, Tex. . . . .	.6	.5	.1	.2	Oklahoma City, Okla. <sup>6</sup> . . . . .	.4	.8	.1	.1
Greensboro-Winston-Salem-					St. Louis, Mo. <sup>6</sup> . . . . .	.1	.1	.1	.1
Highpoint, N.C. . . . .	1.5	1.4	.2	.2	Wholesale and Retail				
Greenville, S.C. . . . .	1.5	1.0	.2	.2	Trade:				
Houston, Tex. . . . .	1.1	.9	.5	.4	Boston, Mass. . . . .	.3	.2	.1	.1
Jersey City, N.J. . . . .	.3	.2	*	*	Hartford, Conn . . . . .	1.1	.6	.1	.1
Kansas City, Mo . . . . .	.6	.4	.1	.1	Minneapolis-St. Paul, Minn. . . . .	.5	.6	.1	.1
Little Rock-North Little Rock, Ark. . . . .	.4	.3	.1	.1	Phoenix, Ariz . . . . .	.4	.3	.1	.1
Memphis, Tenn. . . . .	.4	.4	.2	.1	Portland, Ore. . . . .	.5	.6	.1	*
Miami, Fla . . . . .	1.3	1.2	.3	.4	Finance, Insurance and				
Milwaukee, Wisc . . . . .	.8	.9	.3	.3	Real Estate:				
Minneapolis-St. Paul, Minn. . . . .	.6	.6	.1	.1	Boston, Mass. . . . .	1.6	1.4	.4	.3
Newark, N.J. . . . .	.6	.6	.2	.2	Hartford, Conn . . . . .	2.9	3.7	1.3	2.2
New Orleans, La . . . . .	.3	.2	*	*	Minneapolis-St. Paul, Minn. . . . .	.8	.7	.1	.1
New York, N.Y. . . . .	.7	.6	.3	.2	Phoenix, Ariz . . . . .	.7	.8	.1	.2
Oklahoma City, Okla . . . . .	.6	.6	.1	.1	Portland, Ore. . . . .	.9	.6	.2	.2
Paterson-Clifton-					St. Louis, Mo . . . . .	.9	.8	.2	.2
Passaic, N.J. . . . .	.6	.6	.1	.1	Salt Lake City, Utah . . . . .	.5	.4	.1	*
Perth Amboy, N.J. . . . .	.7	.8	.2	.2	Service:				
Philadelphia, Pa . . . . .	.5	.5	.1	.2	Boston, Mass. . . . .	1.3	1.0	.5	.4
Phoenix, Ariz . . . . .	1.7	1.2	.2	.1	Phoenix, Ariz . . . . .	.9	.9	.2	.2
Portland-South					Portland, Ore. . . . .	.5	.6	.2	.2
Portland, Maine . . . . .	.4	.2	*	.1	St. Louis, Mo . . . . .	1.1	1.0	.2	.2
Portland, Ore. . . . .	.7	.7	*	*	Government:				
Providence-Pawtucket-					Atlanta, Ga. . . . .	1.7	1.6	.8	.7
Warwick, R.I. . . . .	1.0	.7	.2	.2	Boston, Mass. . . . .	1.0	.8	.7	.4
Richmond, Va . . . . .	1.1	.5	.1	.1	Minneapolis-St. Paul, Minn. . . . .	1.2	1.2	.5	.5
St. Louis, Mo . . . . .	.3	.3	.1	.1	Phoenix, Ariz . . . . .	1.4	1.4	.4	.4
Salt Lake City, Utah . . . . .	.7	.3	.1	*	Portland, Ore. <sup>7</sup> . . . . .	.9	.7	.2	.2
San Antonio, Tex . . . . .	.8	.4	.2	.1	St. Louis, Mo . . . . .	.5	.5	.1	.1
Sioux Falls, S.D . . . . .	.5	1.6	*	*	All Nonagricultural Industries				
Syracuse, N.Y. . . . .	.7	.6	.2	.1	Boston, Mass. . . . .	.8	.7	.3	.2
Tampa-St. Petersburg					Phoenix, Ariz . . . . .	1.0	.8	.2	.2
Fla . . . . .	2.3	1.7	.7	.4	Portland, Ore. . . . .	.6	.6	.1	.1
Wichita, Kans . . . . .	1.0	1.3	.1	.1	Salt Lake City, Utah . . . . .	.8	.8	.1	.1

<sup>1</sup> See footnote 1, table E-1.  
<sup>2</sup> See footnote 2, table E-1.  
<sup>3</sup> Based on a nationwide sample which includes metropolitan areas not shown in the table as well as nonmetropolitan areas.  
<sup>4</sup> Additional industry data, by area, will be published when available.  
<sup>5</sup> Combined with services.  
<sup>6</sup> Excludes railroads.  
<sup>7</sup> Excludes education.  
<sup>p</sup> Less than 0.05  
<sup>p</sup>-preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

## F-1: Insured unemployment under State programs

State	(Week including the 12th of the month)					Rate (percent of average covered employment)		
	Number (in thousands)					Sept. 1972	Aug. 1972	Sept. 1971
	Sept. 1972	Aug. 1972	Sept. 1971	Change from <sup>1</sup>				
			Aug. 1972	Sept. 1971				
<b>TOTAL<sup>2,3</sup></b> .....	1,388.8	1,633.4	1,733.1	-244.6	-344.2	2.6	3.1	3.2
<b>SEASONALLY ADJUSTED</b> .....	1,830.2	1,802.2	*2,269.6	28.1	-439.4	3.4	3.4	4.3
Alabama .....	15.9	16.7	22.7	-.8	-6.8	2.2	2.3	3.2
Alaska .....	2.9	3.3	2.4	-.4	.5	4.9	5.7	4.2
Arizona .....	8.0	8.7	8.9	-.7	-.9	1.9	2.1	2.3
Arkansas .....	8.4	9.4	11.1	-1.1	-2.7	2.0	2.3	2.8
California .....	187.1	205.4	233.1	-18.4	-46.0	3.6	4.0	4.4
Colorado .....	4.5	5.7	5.8	-1.2	-1.3	.8	1.1	1.1
Connecticut .....	36.4	50.3	62.0	-14.0	-25.6	3.4	4.7	6.1
Delaware .....	2.7	3.3	3.0	-.6	-.3	1.5	1.9	1.8
District of Columbia .....	6.5	8.0	5.9	-1.5	.6	1.9	2.3	1.7
Florida .....	33.4	34.2	40.3	-.8	-6.9	2.1	2.1	2.6
Georgia .....	13.8	20.5	18.9	-6.7	-5.1	1.2	1.8	1.7
Hawaii .....	10.6	9.7	12.8	.9	-2.1	3.9	3.6	4.9
Idaho .....	4.0	6.6	4.3	-2.6	-.3	2.5	4.1	2.8
Illinois .....	60.4	72.4	72.5	-12.1	-12.2	1.9	2.3	2.3
Indiana .....	17.7	22.1	31.6	-4.4	-13.9	1.3	1.6	2.3
Iowa .....	6.3	8.6	8.9	-2.3	-2.6	1.1	1.5	1.5
Kansas .....	6.9	8.8	10.4	-1.9	-3.4	1.6	2.0	2.4
Kentucky .....	12.1	13.7	17.3	-1.6	-5.2	1.9	2.1	2.8
Louisiana .....	19.2	22.1	24.1	-2.9	-5.0	2.6	3.0	3.3
Maine .....	8.7	9.5	12.4	-.8	-3.8	3.9	4.3	5.5
Maryland .....	23.4	28.0	31.0	-4.6	-7.6	2.4	2.9	3.3
Massachusetts .....	66.8	77.7	75.1	-10.9	-8.3	3.9	4.6	4.3
Michigan .....	72.9	111.4	86.0	-38.4	-13.1	3.1	4.7	3.6
Minnesota .....	18.9	22.8	18.1	-3.8	.8	1.9	2.3	1.8
Mississippi .....	4.4	5.2	7.7	-.7	-3.3	1.1	1.3	2.0
Missouri .....	27.6	39.0	34.7	-11.3	-7.1	2.4	3.3	2.9
Montana .....	3.5	3.8	3.5	-.3	-	2.7	2.9	2.7
Nebraska .....	3.6	4.1	3.5	-.5	.1	1.2	1.3	1.1
Nevada .....	6.9	6.6	7.3	.3	-.4	4.1	4.0	4.5
New Hampshire .....	3.7	3.4	5.7	.3	-2.0	1.9	1.8	2.9
New Jersey .....	83.6	97.5	88.1	-13.8	-4.5	4.1	4.8	4.3
New Mexico .....	5.8	6.6	6.1	-.8	-.3	3.0	3.4	3.3
New York .....	194.7	216.3	244.1	-21.6	-49.4	3.4	3.7	4.3
North Carolina .....	13.2	16.4	20.6	-3.2	-7.4	1.0	1.2	1.5
North Dakota .....	1.2	1.6	.9	-.4	.3	1.3	1.8	1.1
Ohio .....	38.0	44.4	78.9	-6.4	-40.9	1.3	1.6	2.7
Oklahoma .....	12.0	13.4	14.5	-1.4	-2.5	2.4	2.7	2.9
Oregon .....	17.2	18.1	19.8	-.9	-2.6	3.1	3.2	3.7
Pennsylvania .....	106.2	126.8	116.5	-20.5	-10.3	3.2	3.8	3.5
Puerto Rico <sup>2</sup> .....	60.5	62.6	60.7	-2.1	-.2	10.8	11.7	10.4
Rhode Island .....	11.3	13.8	12.8	-2.5	-1.5	4.1	5.0	4.6
South Carolina .....	10.1	11.3	13.5	-1.2	-3.4	1.6	1.8	2.2
South Dakota .....	1.0	1.6	1.0	-.6	-	1.0	1.5	1.0
Tennessee .....	16.6	20.6	22.9	-4.0	-6.2	1.7	2.1	2.4
Texas .....	28.3	34.9	35.8	-6.5	-7.5	1.1	1.3	1.4
Utah .....	6.0	7.0	7.4	-1.0	-1.4	2.5	2.9	3.2
Vermont .....	3.7	4.3	3.6	-.6	.1	3.7	4.2	3.5
Virginia .....	7.2	9.6	9.1	-2.5	-1.9	.7	.9	.9
Washington .....	44.5	47.6	60.1	-3.2	-15.6	5.5	5.9	7.7
West Virginia .....	10.0	10.9	9.6	-.9	.5	2.7	3.0	2.6
Wisconsin .....	20.0	26.3	25.7	-6.3	-5.7	1.7	2.3	2.3
Wyoming .....	.5	.6	.6	-.2	-.1	.6	.8	.8

<sup>1</sup> Based on unrounded data; changes of less than 50 not shown.

<sup>2</sup> Include data under the program for Puerto Rico's sugarcane workers. Rates exclude the sugarcane workers as comparable covered employment data are not yet available.

<sup>3</sup> Figures do not include claimants receiving benefits under extended benefit provisions.

\* Revised with new factors Jan. 31, 1972.

F-2: Insured unemployment<sup>1</sup> in 150 major labor areas<sup>2</sup>

(In thousands, for week including the 12th of the month)

State and area	Sept. 1972	Sept. 1971	State and area	Sept. 1972	Sept. 1971	State and area	Sept. 1972	Sept. 1971	State and area	Sept. 1972	Sept. 1971
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>Pennsylvania--</b>		
Birmingham.....	4.3	6.3	Evansville.....	1.3	1.2	Manchester.....	.9	.8	continued		
Mobile.....	2.4	3.0	Ft. Wayne.....	.6	1.0				York.....	1.8	?
			Gary-Hammond..	2.3	11.5	<b>NEW JERSEY</b>			<b>PUERTO RICO</b>		
			Indianapolis....	3.5	4.3	Atlantic City....	1.8	2.0	Mayaguez.....	2.7	2.2
<b>ARIZONA</b>			South Bend.....	1.2	1.6	Jersey City.....	11.0	12.0	Ponce.....	3.1	3.1
Phoenix.....	5.2	6.0	Terre Haute.....	.8	.8	New Brunswick..	9.3	10.6	San Juan.....	9.7	8.1
						Paterson.....	17.8	18.2			
<b>ARKANSAS</b>			<b>IOWA</b>			Trenton.....	2.3	2.9			
Little Rock.....	.9	1.4	Cedar Rapids....	.6	1.0	<b>NEW MEXICO</b>			<b>RHODE ISLAND</b>		
			Des Moines.....	1.0	1.3	Albuquerque....	2.5	2.5	Providence.....	12.9	14.
<b>CALIFORNIA</b>			<b>KANSAS</b>								
Anaheim-S. Ana-			Wichita.....	1.8	4.0	<b>NEW YORK</b>			<b>SOUTH CAROLINA</b>		
Garden Grove..	11.9	16.2				Albany.....	4.3	6.3	Charleston.....	1.2	2.0
Fresno.....	4.1	3.7	<b>KENTUCKY</b>			Binghamton.....	1.1	2.3	Greenville.....	.8	1.4
Los Angeles....	76.9	106.4	Louisville.....	3.2	6.0	Buffalo.....	12.7	28.0			
Sacramento.....	6.9	7.4	<b>LOUISIANA</b>			New York.....	152.5	177.3			
San Bernardino..	11.4	13.2	Baton Rouge....	1.6	1.8	Rochester.....	5.6	6.6	<b>TENNESSEE</b>		
San Diego.....	14.1	14.8	New Orleans....	6.4	8.4	Syracuse.....	5.3	5.2	Chattanooga....	1.5	1.5
San Francisco..	36.1	43.9	Shreveport.....	1.5	2.1	Utica.....	3.5	5.1	Knoxville.....	1.8	2.6
San Jose.....	9.2	11.1						Memphis.....	3.0	3.2	
Stockton.....	2.4	2.8	<b>MAINE</b>			<b>NORTH CAROLINA</b>			Nashville.....	2.1	3.4
			Portland.....	.9	1.1	Asheville.....	.3	.6	<b>TEXAS</b>		
<b>COLORADO</b>			<b>MARYLAND</b>			Charlotte.....	1.0	1.5	Austin.....	.7	.6
Denver.....	2.9	3.2	Baltimore.....	17.2	25.2	Durham.....	.3	.5	Beaumont.....	2.2	2.4
			<b>MASSACHUSETTS</b>			Greensboro=			Corpus Christi..	.9	.9
<b>CONNECTICUT</b>			Boston.....	33.6	35.0	Winston-Salem..	1.6	2.6	Dallas.....	4.5	5.7
Bridgeport.....	6.0	9.3	Brockton.....	2.2	2.5	<b>OHIO</b>			El Paso.....	1.7	1.7
Hartford.....	8.1	14.3	Fall River.....	1.9	2.5	Akron.....	2.6	4.1	Ft. Worth.....	2.9	4.9
New Britain.....	1.8	3.8	Lawrence.....	4.3	5.4	Canton.....	1.5	5.4	Houston.....	5.1	5.2
New Haven.....	5.0	7.4	Lowell.....	2.8	3.8	Cincinnati.....	4.5	9.9	San Antonio.....	1.7	2.5
Stamford.....	2.2	2.3	New Bedford....	2.5	3.3	Cleveland.....	9.6	17.6			
Waterbury.....	3.5	5.6	Springfield....	6.9	8.4	Columbus.....	2.4	3.2	<b>UTAH</b>		
			Worcester.....	3.5	4.9	Dayton.....	2.9	5.3	Salt Lake City..	3.7	
<b>DELAWARE</b>						Hamilton.....	1.3	2.7			
Wilmington.....	3.0	3.1	<b>MICHIGAN</b>			Lorain.....	1.0	2.2	<b>VIRGINIA</b>		
			Battle Creek....	1.8	1.8	Steubenville...	.6	1.0	Hampton.....	.6	.7
<b>DIST. OF COL.</b>			Detroit.....	37.8	48.4	Toledo.....	3.5	3.8	Norfolk.....	1.0	1.3
Washington.....	12.1	11.0	Flint.....	3.8	3.2	Youngstown....	2.6	11.4	Richmond.....	.6	.7
			Grand Rapids...	3.9	4.8	<b>OKLAHOMA</b>			Roanoke.....	.2	.6
<b>FLORIDA</b>			Kalamazoo.....	1.6	1.8	Oklahoma City..	2.7	3.3			
Jacksonville....	1.1	.2	Lansing.....	2.9	2.6	Tulsa.....	2.2	2.9	<b>WASHINGTON</b>		
Miami.....	9.5	22.6	Muskegon.....	1.8	3.1	<b>OREGON</b>			Seattle.....	23.6	35.0
Tampa.....	3.4	4.6	Saginaw.....	1.3	1.1	Portland.....	9.6	12.0	Spokane.....	3.3	4.0
								Tacoma.....	5.8	6.1	
<b>GEORGIA</b>			<b>MINNESOTA</b>			<b>PENNSYLVANIA</b>			<b>WEST VIRGINIA</b>		
Atlanta.....	4.9	8.1	Duluth.....	1.7	1.5	Allentown.....	4.2	6.1	Charleston.....	1.3	1.1
Augusta.....	1.4	1.7	Minneapolis....	10.7	11.4	Altoona.....	1.7	1.4	Huntington....	2.3	3.2
Columbus.....	1.2	1.0				Erie.....	1.8	1.8	Wheeling.....	.9	1.1
Macon.....	.9	.7	<b>MISSISSIPPI</b>			Harrisburg.....	2.4	2.2			
Savannah.....	.6	.8	Jackson.....	.5	.5	Johnstown.....	2.9	5.1	<b>WISCONSIN</b>		
						Lancaster.....	.8	1.6	Kenosha.....	.6	.7
<b>HAWAII</b>			<b>MISSOURI</b>			Philadelphia...	47.5	46.0	Madison.....	2.2	1.4
Honolulu.....	9.6	11.4	Kansas City....	8.3	8.8	Pittsburgh.....	20.8	31.1	Milwaukee.....	7.7	10.6
			St. Louis.....	18.4	23.0	Reading.....	3.2	2.7	Racine.....	.9	1.3
<b>ILLINOIS</b>			<b>NEBRASKA</b>			Scranton.....	3.2	3.4			
Chicago.....	41.0	49.3	Omaha.....	2.2	2.1	Wilkes-Barre...	8.7	6.4			
Davenport.....	1.4	2.6									
Peoria.....	1.8	1.5									
Rockford.....	1.2	2.3									

<sup>1</sup> Insured jobsless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs excludes extended benefit claims.  
<sup>2</sup> For full name of labor area, see Area Trends in Employment and Unemployment published by the Manpower Administration.

**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**  
**QUARTERLY AVERAGES**

**1: Employment status of the noninstitutional population by sex and age, seasonally adjusted**

(In thousands)

Employment status, sex, and age	1972				1971				1970				1969	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>Total</b>														
Total labor force . . . . .	89,188	88,813	88,398	87,721	87,018	86,576	86,468	86,433	85,971	85,778	85,649	84,992	84,593	
Civilian labor force . . . . .	86,792	86,388	85,852	85,031	84,244	83,727	83,516	83,389	82,839	82,552	82,301	81,505	81,062	
Employed . . . . .	81,959	81,422	80,833	79,984	79,221	78,723	78,546	78,550	78,531	78,610	78,875	78,577	78,126	
Agriculture . . . . .	3,548	3,338	3,411	3,412	3,382	3,419	3,359	3,371	3,456	3,548	3,469	3,458	3,564	
Nonagricultural industries . . . . .	78,411	78,084	77,423	76,572	75,839	75,304	75,187	75,179	75,075	75,062	75,406	75,119	74,562	
On part time for economic reasons . . . . .	2,446	2,500	2,383	2,498	2,392	2,400	2,474	2,439	2,218	2,236	1,905	1,895	1,876	
Usually work full time . . . . .	1,075	1,085	1,143	1,165	1,124	1,170	1,288	1,317	1,185	1,252	1,066	1,032	984	
Usually work part time . . . . .	1,371	1,415	1,240	1,333	1,268	1,230	1,186	1,122	1,033	984	839	863	892	
Unemployed . . . . .	4,833	4,966	5,018	5,047	5,023	5,004	4,970	4,839	4,308	3,942	3,426	2,928	2,936	
<b>Men, 20 years and over</b>														
Total labor force . . . . .	51,024	50,792	50,529	50,507	50,440	50,286	49,995	50,159	50,014	49,966	49,782	49,594	49,516	
Civilian labor force . . . . .	48,999	48,732	48,341	48,183	48,040	47,799	44,417	47,486	47,284	47,176	46,940	46,599	46,452	
Employed . . . . .	47,100	46,696	46,357	46,090	45,914	45,702	45,374	45,471	45,497	45,603	45,650	45,557	45,436	
Agriculture . . . . .	2,551	2,409	2,412	2,479	2,449	2,447	2,409	2,468	2,535	2,591	2,507	2,529	2,630	
Nonagricultural industries . . . . .	44,549	44,292	43,945	43,611	43,465	43,255	42,965	43,003	42,962	43,012	43,143	43,028	42,806	
Unemployed . . . . .	1,900	2,036	1,984	2,093	2,126	2,097	2,043	2,015	1,787	1,573	1,290	1,042	1,016	
<b>Women, 20 years and over</b>														
Civilian labor force . . . . .	29,898	29,597	29,452	29,207	28,793	28,544	28,636	28,547	28,360	28,153	28,084	27,740	27,606	
Employed . . . . .	28,236	27,942	27,881	27,545	27,142	26,884	27,002	26,987	26,958	26,857	26,935	26,719	26,561	
Agriculture . . . . .	574	537	586	535	540	544	533	522	536	566	578	565	564	
Nonagricultural industries . . . . .	27,662	27,405	27,295	27,010	26,602	26,340	26,469	26,465	26,422	26,291	26,357	26,154	25,997	
Unemployed . . . . .	1,662	1,655	1,571	1,662	1,651	1,660	1,634	1,560	1,402	1,296	1,149	1,021	1,045	
<b>Both sexes, 16-19 years</b>														
Civilian labor force . . . . .	7,895	8,060	8,059	7,641	7,411	7,384	7,463	7,356	7,195	7,223	7,277	7,166	7,004	
Employed . . . . .	6,623	6,784	6,595	6,349	6,165	6,137	6,170	6,092	6,076	6,150	6,290	6,301	6,129	
Agriculture . . . . .	423	398	412	398	393	428	417	381	385	391	384	364	370	
Nonagricultural industries . . . . .	6,199	6,387	6,183	5,951	5,772	5,709	5,753	5,711	5,691	5,759	5,906	5,937	5,759	
Unemployed . . . . .	1,271	1,275	1,464	1,292	1,246	1,247	1,293	1,264	1,119	1,073	987	865	875	

**NOTE:** Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables 1 through 9 will not necessarily add to totals.

**NOTE:** See note, table A-1, regarding the introduction of 1970 census population controls.



**HOUSEHOLD DATA**  
**SEASONALLY ADJUSTED**  
**QUARTERLY AVERAGES**

**2: Full- and part-time status of the civilian labor force by sex and age, seasonally adjusted**

(Numbers in thousands)

Full- and part-time employment status, sex, and age	1972				1971				1970				1969	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>Full time</b>														
Total 16 years and over:														
Civilian labor force	74,205	74,019	73,324	72,914	72,185	71,798	71,576	71,710	71,201	70,849	70,593	70,098	70,053	
Employed <sup>1</sup>	70,447	70,095	69,379	68,852	68,207	67,845	67,658	67,836	67,818	67,732	67,973	67,915	67,836	
Unemployed	3,757	3,923	3,945	4,062	3,978	3,953	3,918	3,874	3,383	3,117	2,620	2,183	2,217	
Unemployment rate	5.1	5.3	5.4	5.6	5.5	5.5	5.5	5.4	4.8	4.4	3.7	3.1	3.2	
Men, 20 years and over:														
Civilian labor force	46,567	46,344	45,954	45,823	45,699	45,468	45,129	45,209	45,009	44,929	44,707	44,421	44,326	
Employed <sup>1</sup>	44,827	44,505	44,139	43,879	43,725	43,547	43,259	43,346	43,367	43,491	43,530	43,491	43,429	
Unemployed	1,740	1,839	1,815	1,944	1,974	1,921	1,870	1,863	1,642	1,438	1,177	930	897	
Unemployment rate	3.7	4.0	3.9	4.2	4.3	4.2	4.1	4.1	3.6	3.2	2.6	2.1	2.0	
Women, 20 years and over:														
Civilian labor force	23,411	23,307	23,046	22,904	22,575	22,436	22,479	22,489	22,306	22,052	22,015	21,844	21,870	
Employed <sup>1</sup>	22,093	21,968	21,766	21,596	21,266	21,099	21,176	21,224	21,193	20,998	21,119	21,074	21,036	
Unemployed	1,318	1,339	1,280	1,308	1,309	1,337	1,303	1,265	1,113	1,054	896	770	834	
Unemployment rate	5.6	5.7	5.6	5.7	5.8	6.0	5.8	5.6	5.0	4.8	4.1	3.5	3.8	
Both sexes, 16-19 years:														
Civilian labor force	4,227	4,368	4,324	4,187	3,911	3,894	3,968	4,012	3,886	3,868	3,871	3,833	3,857	
Employed <sup>1</sup>	3,527	3,622	3,473	3,377	3,216	3,199	3,223	3,266	3,258	3,243	3,324	3,350	3,371	
Unemployed	700	746	851	810	695	695	745	746	628	625	547	483	486	
Unemployment rate	16.6	17.1	19.7	19.3	17.8	17.8	18.8	18.6	16.2	16.2	14.1	12.6	12.6	
<b>Part time</b>														
Total 16 years and over:														
Civilian labor force	12,650	12,246	12,577	12,133	12,152	11,921	11,983	11,688	11,704	11,657	11,720	11,354	10,957	
Employed <sup>1</sup>	11,569	11,199	11,485	11,108	11,094	10,879	10,919	10,704	10,775	10,845	10,917	10,625	10,231	
Unemployed	1,081	1,047	1,092	1,025	1,058	1,042	1,064	984	929	812	803	729	726	
Unemployment rate	8.5	8.5	8.7	8.4	8.7	8.7	8.9	8.4	7.9	7.0	6.9	6.4	6.6	
Men, 20 years and over:														
Civilian labor force	2,432	2,375	2,420	2,361	2,338	2,317	2,321	2,277	2,261	2,234	2,254	2,145	2,113	
Employed <sup>1</sup>	2,271	2,182	2,249	2,203	2,185	2,151	2,146	2,119	2,112	2,107	2,139	2,038	1,992	
Unemployed	161	194	171	158	153	166	175	158	149	127	115	107	121	
Unemployment rate	6.6	8.2	7.1	6.7	6.5	7.2	7.5	6.9	6.6	5.7	5.1	5.0	5.7	
Women, 20 years and over:														
Civilian labor force	6,496	6,258	6,440	6,290	6,229	6,086	6,201	6,051	6,056	6,081	6,091	5,889	5,716	
Employed <sup>1</sup>	6,155	5,931	6,150	5,944	5,880	5,752	5,872	5,761	5,765	5,831	5,840	5,646	5,505	
Unemployed	341	327	290	346	349	334	329	290	291	250	251	243	211	
Unemployment rate	5.2	5.2	4.5	5.5	5.6	5.5	5.3	4.8	4.8	4.1	4.1	4.1	3.7	
Both sexes, 16-19 years:														
Civilian labor force	3,722	3,613	3,717	3,482	3,585	3,518	3,461	3,360	3,387	3,342	3,375	3,320	3,128	
Employed <sup>1</sup>	3,144	3,086	3,086	2,961	3,029	2,976	2,901	2,824	2,898	2,907	2,938	2,941	2,734	
Unemployed	579	527	631	521	556	542	560	536	489	435	437	379	394	
Unemployment rate	15.6	14.6	17.0	15.0	15.5	15.4	16.2	16.0	14.4	13.0	12.9	11.4	12.6	

<sup>1</sup>Persons on part-time schedules for economic reasons are included in the full-time employed category; unemployed persons are allocated by whether seeking full- or part-time work.  
**NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.**

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**
**3: Employment status by color, sex, and age, seasonally adjusted**  
(In thousands)

Characteristics	1972				1971				1970				1969	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>White</b>														
Total:														
Civilian labor force .....	77,190	76,768	76,417	75,673	74,843	74,422	74,317	74,210	73,604	73,324	73,174	72,417	72,019	
Employed .....	73,305	72,733	72,402	71,572	70,762	70,328	70,237	70,220	70,070	70,134	70,389	70,052	69,667	
Unemployed .....	3,884	4,035	4,014	4,101	4,081	4,094	4,080	3,990	3,534	3,190	2,785	2,365	2,352	
Unemployment rate .....	5.0	5.3	5.3	5.4	5.5	5.5	5.5	5.4	4.8	4.4	3.8	3.3	3.3	
Males, 20 years and over:														
Civilian labor force .....	44,121	43,891	43,618	43,362	43,250	43,050	42,709	42,712	42,514	42,473	42,267	41,936	41,863	
Employed .....	42,568	42,183	41,959	41,665	41,484	41,268	40,983	41,035	41,013	41,158	41,180	41,078	41,023	
Unemployed .....	1,554	1,708	1,659	1,697	1,766	1,782	1,726	1,677	1,501	1,315	1,087	858	840	
Unemployment rate .....	3.5	3.9	3.8	3.9	4.1	4.1	4.0	3.9	3.5	3.1	2.6	2.0	2.0	
Females, 20 years and over:														
Civilian labor force .....	26,042	25,697	25,584	25,434	24,980	24,777	24,930	24,916	24,687	24,459	24,450	24,121	23,970	
Employed .....	24,712	24,371	24,370	24,081	23,662	23,458	23,617	23,622	23,536	23,425	23,524	23,289	23,144	
Unemployed .....	1,330	1,326	1,214	1,353	1,318	1,319	1,313	1,294	1,151	1,034	926	832	826	
Unemployment rate .....	5.1	5.2	4.7	5.3	5.3	5.3	5.3	5.2	4.7	4.2	3.8	3.4	3.4	
Both sexes, 16 to 19 years:														
Civilian labor force .....	7,026	7,180	7,215	6,877	6,613	6,595	6,678	6,582	6,403	6,392	6,457	6,360	6,186	
Employed .....	6,026	6,170	6,073	5,826	5,616	5,602	5,637	5,563	5,521	5,551	5,685	5,785	5,500	
Unemployed .....	1,001	1,001	1,141	1,051	997	993	1,041	1,019	882	841	772	675	686	
Unemployment rate .....	14.2	13.9	15.8	15.3	15.1	15.1	15.6	15.5	13.8	13.2	12.0	10.6	11.1	
<b>Negro and other races</b>														
Total:														
Civilian labor force .....	9,591	9,577	9,506	9,372	9,388	9,272	9,270	9,188	9,208	9,225	9,188	9,073	8,978	
Employed .....	8,637	8,631	8,503	8,427	8,442	8,351	8,386	8,342	8,429	8,466	8,552	8,510	8,395	
Unemployed .....	954	946	1,003	945	946	921	884	846	779	759	636	563	583	
Unemployment rate .....	9.9	9.9	10.6	10.1	10.1	9.9	9.5	9.2	8.5	8.2	6.9	6.2	6.5	
Males, 20 years and over:														
Civilian labor force .....	4,879	4,842	4,767	4,805	4,792	4,752	4,748	4,755	4,765	4,703	4,697	4,631	4,583	
Employed .....	4,533	4,500	4,435	4,427	4,431	4,424	4,426	4,437	4,478	4,436	4,490	4,454	4,409	
Unemployed .....	346	342	332	378	361	328	322	318	287	267	207	177	174	
Unemployment rate .....	7.1	7.1	7.0	7.9	7.5	6.9	6.8	6.7	6.0	5.7	4.4	3.8	3.8	
Females, 20 years and over:														
Civilian labor force .....	3,848	3,878	3,897	3,791	3,797	3,748	3,741	3,649	3,656	3,695	3,656	3,620	3,597	
Employed .....	3,508	3,546	3,545	3,473	3,461	3,405	3,428	3,375	3,399	3,434	3,439	3,428	3,375	
Unemployed .....	340	332	352	318	336	343	313	274	257	261	217	192	222	
Unemployment rate .....	8.8	8.6	9.0	8.4	8.8	9.2	8.4	7.5	7.0	7.1	5.9	5.3	6.2	
Both sexes, 16 to 19 years:														
Civilian labor force .....	864	857	842	776	799	772	781	784	787	827	835	822	798	
Employed .....	596	585	523	527	550	522	532	530	552	596	623	628	611	
Unemployed .....	268	272	319	249	249	250	250	254	235	231	212	194	187	
Unemployment rate .....	31.0	31.7	37.9	32.1	31.2	37.9	32.1	32.4	31.9	32.4	25.4	23.6	23.4	

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

**4: Unemployed persons by duration of unemployment, seasonally adjusted**

(In thousands)

Duration of unemployment	1972				1971				1970				1969	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
Less than 5 weeks .....	2,257	2,189	2,270	2,280	2,262	2,180	2,230	2,358	2,184	2,114	1,923	1,654	1,679	
5 to 14 weeks .....	1,456	1,491	1,456	1,563	1,551	1,570	1,623	1,601	1,381	1,204	1,028	891	888	
15 weeks and over .....	1,160	1,155	1,239	1,279	1,265	1,149	1,083	919	729	611	476	392	384	
15 to 26 weeks .....	630	554	621	698	707	646	643	599	473	389	316	257	235	
27 weeks and over .....	530	601	618	581	558	503	440	320	256	222	160	135	149	
Average (mean) duration .....	12.0	12.8	12.2	11.9	11.7	11.7	10.5	9.2	9.0	8.8	8.1	7.9	7.9	

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
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**5: Major unemployment indicators, seasonally adjusted**  
(Unemployment rates)

Selected categories	1972				1971				1970				1969	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
Total (all civilian workers) .....	5.6	5.7	5.8	5.9	6.0	6.0	6.0	5.8	5.2	4.8	4.2	3.6	3.6	
Men, 20 years and over .....	3.9	4.2	4.1	4.3	4.4	4.4	4.3	4.2	3.8	3.3	2.7	2.2	2.2	
Women, 20 years and over .....	5.6	5.6	5.3	5.7	5.7	5.8	5.7	5.5	4.9	4.6	4.1	3.7	3.8	
Both sexes, 16-19 years .....	16.1	15.8	18.2	16.9	16.8	16.9	17.3	17.2	15.6	14.9	13.6	12.1	12.5	
White .....	5.0	5.3	5.3	5.4	5.5	5.5	5.5	5.4	4.8	4.4	3.8	3.3	3.3	
Negro and other races .....	9.9	9.9	10.6	10.1	10.1	9.9	9.5	9.2	8.5	8.2	6.9	6.2	6.5	
Household heads .....	3.3	3.5	3.4	3.6	3.7	3.7	3.6	3.5	3.1	2.8	2.3	1.9	1.9	
Married men .....	2.7	2.9	2.9	3.2	3.2	3.2	3.2	3.2	2.8	2.5	2.0	1.6	1.6	
Full-time workers .....	5.1	5.3	5.4	5.6	5.5	5.5	5.5	5.4	4.8	4.4	3.7	3.1	3.2	
Part-time workers .....	8.5	8.5	8.7	8.4	8.7	8.7	8.9	8.4	7.9	7.0	6.9	6.4	6.6	
Unemployed 15 weeks and over <sup>1</sup> .....	1.3	1.3	1.4	1.5	1.5	1.4	1.3	1.1	.9	.7	.6	.5	.5	
State insured <sup>2</sup> .....	3.5	3.6	3.5	4.2	4.2	4.1	3.8	4.3	3.8	3.4	2.7	2.3	2.1	
Labor force time lost <sup>3</sup> .....	6.0	6.0	6.3	6.4	6.4	6.2	6.5	6.2	5.6	5.1	4.5	4.0	4.1	
<b>Occupation</b>														
White-collar workers .....	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.4	2.9	2.7	2.4	2.1	2.2	
Professional and technical .....	2.3	2.2	2.7	3.0	2.9	2.9	3.2	2.4	2.0	1.9	1.8	1.5	1.4	
Managers and administrators, except farm .....	1.8	1.6	1.8	1.8	1.5	1.6	1.6	1.4	1.3	1.1	1.0	.9	.9	
Sales workers .....	4.6	4.1	4.2	3.9	4.4	4.5	4.2	4.6	3.9	3.9	3.3	2.8	3.0	
Clerical workers .....	4.7	5.0	4.8	4.8	4.9	4.8	4.9	4.8	4.1	3.9	3.4	3.1	3.2	
Blue-collar workers .....	6.3	6.6	7.0	7.4	7.5	7.4	7.5	7.5	6.8	6.0	5.0	4.3	3.9	
Craftsmen and kindred workers .....	4.3	4.5	4.2	4.7	5.3	4.3	4.7	4.6	4.5	3.9	2.7	2.3	2.1	
Operatives .....	6.7	7.1	7.7	8.1	8.2	8.5	8.5	8.6	7.5	6.6	5.8	4.9	4.4	
Nonfarm laborers .....	9.9	10.4	11.7	11.4	10.3	10.9	10.6	10.8	10.3	9.2	7.9	7.1	7.0	
Service workers .....	6.7	6.0	6.2	6.4	6.5	6.3	6.1	6.0	5.5	5.0	4.7	4.0	4.5	
Farm workers .....	2.6	2.6	2.4	2.8	2.7	2.1	2.8	3.0	2.9	2.6	2.1	1.9	2.1	
<b>Industry</b>														
Nonagricultural private wage and salary workers <sup>4</sup> .....	5.7	5.8	6.0	6.2	6.2	6.3	6.3	6.2	5.6	5.0	4.3	3.7	3.6	
Construction .....	10.6	10.9	10.0	10.4	9.8	10.4	10.9	11.1	11.6	10.2	7.7	6.4	6.4	
Manufacturing .....	5.4	5.8	6.2	6.5	6.8	6.9	7.0	7.1	5.9	5.1	4.4	3.7	3.2	
Durable goods .....	5.2	5.9	6.3	6.6	6.9	7.3	7.3	7.5	6.0	5.0	4.4	3.5	2.9	
Nondurable goods .....	5.7	5.7	6.0	6.4	6.7	6.3	6.6	6.4	5.9	5.3	4.3	4.0	3.7	
Transportation and public utilities .....	3.7	3.4	4.0	4.3	3.3	3.8	3.9	3.7	3.3	3.3	2.8	2.5	2.1	
Wholesale and retail trade .....	6.6	6.3	6.4	6.4	6.3	6.6	6.4	6.2	5.6	5.2	4.6	4.0	4.3	
Finance and service industries .....	4.7	4.8	5.2	5.0	5.2	5.0	5.1	4.8	4.5	4.0	3.4	3.1	3.4	
Government workers .....	3.0	2.8	2.9	3.2	3.0	2.8	2.8	2.7	2.1	2.1	2.1	2.1	1.9	
Agricultural wage and salary workers .....	7.1	7.4	7.7	8.1	8.4	6.8	8.4	9.0	8.2	7.1	6.4	6.2	6.7	

<sup>1</sup> Unemployment rate calculated as a percent of civilian labor force.

<sup>2</sup> Insured unemployment under State programs as a percent of average covered employment. As with the other statistics presented, insured unemployment data relate to the week containing the 12th.

<sup>3</sup> Man-hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force man-hours.

<sup>4</sup> Includes mining, not shown separately.

**HOUSEHOLD DATA  
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**6: Rates of unemployment by sex and age, seasonally adjusted**

Sex and age	1972				1971				1970				1969	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>Total, 16 years and over...</b>	5.6	5.7	5.8	5.9	6.0	6.0	6.0	5.8	5.2	4.8	4.2	3.6	3.6	
16 to 19 years .....	16.1	15.8	18.2	16.9	16.8	16.9	17.3	17.2	15.6	14.9	13.6	12.1	12.5	
16 and 17 years .....	19.0	17.4	20.6	19.0	18.7	18.6	18.8	19.0	17.2	16.7	16.2	14.7	15.4	
18 and 19 years .....	13.9	14.8	16.5	15.4	15.3	15.7	16.3	15.8	14.2	13.5	11.7	10.0	10.3	
20 to 24 years .....	9.3	9.5	9.6	9.9	9.8	10.4	9.9	9.7	8.8	7.7	6.8	6.0	5.8	
25 years and over .....	3.6	3.8	3.7	4.0	4.0	4.0	4.0	3.9	3.4	3.2	2.7	2.3	2.3	
25 to 54 years .....	3.7	3.9	3.8	4.2	4.3	4.1	4.1	4.1	3.6	3.3	2.8	2.4	2.4	
55 years and over .....	3.4	3.6	3.2	3.2	3.3	3.4	3.5	3.3	3.0	2.9	2.4	2.2	2.1	
<b>Males, 16 years and over.....</b>	4.8	5.1	5.3	5.4	5.4	5.4	5.3	5.2	4.7	4.2	3.5	3.0	2.9	
16 to 19 years .....	15.3	15.7	18.2	16.7	16.5	16.8	16.8	16.7	15.6	14.9	12.6	11.4	11.6	
16 and 17 years .....	18.6	17.6	20.7	19.1	18.8	18.2	18.6	18.8	17.2	16.8	15.0	13.7	14.8	
18 and 19 years .....	12.8	14.5	16.3	14.8	14.4	15.8	15.4	14.9	14.2	13.5	10.8	9.4	9.0	
20 to 24 years .....	8.9	9.5	10.0	10.3	10.3	10.4	10.2	10.5	9.3	7.6	6.6	5.6	5.3	
25 years and over .....	3.0	3.3	3.2	3.5	3.5	3.5	3.5	3.4	3.0	2.7	2.2	1.8	1.8	
25 to 54 years .....	3.0	3.3	3.2	3.6	3.6	3.5	3.4	3.4	3.0	2.7	2.2	1.7	1.7	
55 years and over .....	3.3	3.5	3.2	3.0	3.2	3.5	3.7	3.4	3.0	2.8	2.4	2.1	2.0	
<b>Females, 16 years and over.....</b>	6.8	6.7	6.7	6.9	6.9	7.0	7.0	6.7	6.0	5.7	5.2	4.6	4.8	
16 to 19 years .....	17.1	16.0	18.1	17.2	17.3	17.0	18.0	17.9	15.5	14.8	14.7	12.9	13.6	
16 and 17 years .....	19.6	17.3	20.6	18.8	18.6	19.2	19.0	19.4	17.3	16.6	17.7	16.1	16.2	
18 and 19 years .....	15.2	15.1	16.7	16.2	16.3	15.6	17.3	16.9	14.2	13.5	12.9	10.7	11.7	
20 to 24 years .....	9.7	9.6	9.1	9.4	9.2	10.4	9.5	8.7	8.2	7.9	7.0	6.4	6.5	
25 years and over .....	4.6	4.7	4.5	4.9	5.0	4.8	4.9	4.8	4.3	3.9	3.5	3.1	3.2	
25 to 54 years .....	4.9	5.0	4.9	5.3	5.4	5.3	5.4	5.3	4.7	4.2	3.8	3.4	3.5	
55 years and over .....	3.7	3.7	3.1	3.6	3.5	3.4	3.2	3.0	2.9	2.9	2.3	2.2	2.3	

**7: Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reason for unemployment	1972				1971				1970				1969	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>Number of unemployed</b>														
Lost last job .....	2,153	2,150	2,121	2,310	2,370	2,321	2,267	2,329	1,973	1,747	1,375	1,082	1,010	
Left last job .....	632	628	614	612	555	571	620	603	570	558	467	439	452	
Reentered labor force .....	1,445	1,418	1,566	1,470	1,526	1,447	1,435	1,356	1,290	1,152	1,122	1,007	1,007	
Never worked before .....	618	780	731	683	608	643	624	575	493	487	472	399	437	
<b>Percent distribution</b>														
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Lost last job .....	44.4	43.2	42.2	45.5	46.8	46.6	45.8	47.9	45.6	44.3	40.0	37.0	34.8	
Left last job .....	13.0	12.6	12.2	12.1	11.0	11.5	12.5	12.4	13.2	14.1	13.6	15.0	15.6	
Reentered labor force .....	29.8	28.5	31.1	29.0	30.2	29.0	29.0	27.9	29.8	29.2	32.7	34.4	34.7	
Never worked before .....	12.7	15.7	14.5	13.5	12.0	12.9	12.6	11.8	11.4	12.3	13.7	13.6	15.0	
<b>Unemployed as a percent of the civilian labor force</b>														
Lost last job .....	2.5	2.5	2.5	2.7	2.8	2.8	2.7	2.8	2.4	2.1	1.7	1.3	1.2	
Left last job .....	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	.5	.6	
Reentered labor force .....	1.7	1.6	1.8	1.7	1.8	1.7	1.7	1.6	1.6	1.4	1.4	1.2	1.2	
Never worked before .....	.7	.9	.9	.8	.7	.8	.7	.7	.6	.6	.6	.5	.5	

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**8: Employed persons by sex and age, seasonally adjusted**  
(In thousands)

Sex and age	1972				1971				1970				1969	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>Total</b>														
16 years and over . . . . .	81,959	81,422	80,833	79,984	79,221	78,723	78,546	78,550	78,531	78,610	78,875	78,577	78,126	
16 to 19 years . . . . .	6,623	6,784	6,595	6,349	6,165	6,137	6,170	6,092	6,076	6,150	6,290	6,301	6,129	
16 and 17 years . . . . .	2,714	2,808	2,754	2,639	2,565	2,540	2,647	2,547	2,573	2,596	2,697	2,675	2,557	
18 and 19 years . . . . .	3,905	3,960	3,853	3,715	3,596	3,591	3,536	3,551	3,488	3,549	3,626	3,640	3,551	
20 to 24 years . . . . .	10,962	10,787	10,571	10,437	10,275	10,004	9,856	9,890	9,762	9,625	9,595	9,466	9,395	
25 years and over . . . . .	64,338	63,835	63,714	63,234	62,764	62,571	62,547	62,598	62,674	62,822	62,971	62,794	62,593	
25 to 54 years . . . . .	50,288	49,904	49,670	49,123	48,761	48,596	48,556	48,546	48,617	48,734	48,831	48,691	48,468	
55 years and over . . . . .	14,023	13,898	14,103	14,094	13,970	13,947	14,058	14,035	14,022	14,069	14,218	14,089	14,102	
<b>Male</b>														
16 years and over . . . . .	50,824	50,426	49,999	49,692	49,362	49,119	48,811	48,895	48,841	48,981	49,165	49,046	48,860	
16 to 19 years . . . . .	3,724	3,730	3,642	3,602	3,448	3,417	3,437	3,424	3,344	3,378	3,515	3,489	3,424	
16 and 17 years . . . . .	1,576	1,590	1,556	1,541	1,494	1,483	1,528	1,490	1,486	1,497	1,554	1,564	1,520	
18 and 19 years . . . . .	2,141	2,138	2,097	2,069	1,947	1,940	1,914	1,939	1,845	1,889	1,972	1,939	1,886	
20 to 24 years . . . . .	6,109	6,006	5,870	5,749	5,599	5,511	5,372	5,341	5,256	5,185	5,134	5,081	5,065	
25 years and over . . . . .	40,960	40,671	40,526	40,357	40,303	40,177	40,023	40,139	40,231	40,403	40,502	40,452	40,379	
25 to 54 years . . . . .	32,093	31,835	31,607	31,461	31,349	31,233	31,122	31,228	31,272	31,340	31,377	31,371	31,324	
55 years and over . . . . .	8,857	8,819	8,942	8,902	8,945	8,927	8,920	8,915	8,952	9,052	9,165	9,079	9,052	
<b>Female</b>														
16 years and over . . . . .	31,134	30,996	30,834	30,292	29,859	29,604	29,735	29,655	29,690	29,629	29,710	29,531	29,266	
16 to 19 years . . . . .	2,898	3,054	2,953	2,747	2,717	2,720	2,733	2,668	2,732	2,772	2,775	2,812	2,705	
16 and 17 years . . . . .	1,138	1,218	1,198	1,098	1,071	1,057	1,119	1,057	1,087	1,099	1,143	1,111	1,037	
18 and 19 years . . . . .	1,764	1,822	1,756	1,646	1,649	1,651	1,622	1,612	1,643	1,660	1,654	1,701	1,665	
20 to 24 years . . . . .	4,853	4,781	4,701	4,688	4,676	4,493	4,484	4,549	4,506	4,440	4,461	4,385	4,330	
25 years and over . . . . .	23,378	23,164	23,188	22,877	22,461	22,394	22,524	22,459	22,443	22,419	22,469	22,342	22,214	
25 to 54 years . . . . .	18,195	18,069	18,063	17,662	17,412	17,363	17,434	17,318	17,345	17,394	17,454	17,320	17,144	
55 years and over . . . . .	5,166	5,079	5,161	5,192	5,025	5,020	5,138	5,120	5,070	5,017	5,053	5,010	5,050	

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

**9: Employed persons by major occupational group, seasonally adjusted**  
(In thousands)

Occupational group	1972				1971				1970				1969	
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	
<b>White-collar workers</b>														
Professional & technical . . . . .	39,342	38,788	38,710	38,612	38,456	38,004	37,938	38,074	37,970	38,004	37,940	37,445	36,961	
Managers and administrators, except farm . . . . .	11,618	11,387	11,232	11,192	11,139	11,081	10,872	11,143	11,226	11,139	11,055	10,918	10,742	
Sales workers . . . . .	8,048	7,860	7,988	8,612	8,799	8,642	8,646	8,381	8,259	8,295	8,220	8,122	7,983	
Clerical workers . . . . .	5,369	5,360	5,300	5,133	5,037	5,018	5,074	4,934	4,877	4,813	4,787	4,777	4,714	
14,308	14,181	14,190	13,675	13,481	13,263	13,346	13,616	13,608	13,757	13,878	13,878	13,628	13,522	
<b>Blue-collar workers</b>														
Craftsmen and kindred workers . . . . .	28,538	28,595	28,295	27,524	27,090	27,051	27,071	27,566	27,653	27,768	28,203	28,332	28,428	
Operatives . . . . .	10,754	10,833	10,910	10,373	10,111	10,119	10,106	10,149	10,124	10,135	10,235	10,235	10,200	
Nonfarm laborers . . . . .	13,505	13,557	13,346	13,116	12,946	12,958	12,912	13,696	13,793	13,957	14,196	14,369	14,570	
4,280	4,205	4,039	4,035	4,033	3,974	4,053	3,721	3,736	3,676	3,772	3,728	3,658		
<b>Service workers</b>														
Farmers and farm laborers . . . . .	11,003	11,078	10,852	10,751	10,715	10,607	10,627	9,804	9,814	9,620	9,610	9,594	9,509	
3,116	2,928	3,030	3,023	2,992	3,033	2,988	3,033	3,108	3,206	3,141	3,121	3,229		

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

<sup>1</sup>Data for 1972 represent the sum of transport equipment operatives and operatives, except transport.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**
**10: Labor force status of civilian noninstitutional population by age, sex, and reasons for nonparticipation**  
3rd Quarter 1972

Labor force status and reasons for nonparticipation	Total	Age in years							
		16-19	20-24	25-34	35-44	45-54	55-59	60-64	65 and over
<b>Total</b>									
Civilian noninstitutional population (in thousands) . . .	143,674	15,489	17,035	26,642	22,279	23,354	10,064	8,852	19,960
Percent distribution . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . .	61.2	59.1	73.2	70.4	72.6	72.4	66.6	51.9	15.8
Not in labor force . . . . .	38.8	40.9	26.8	29.6	27.4	27.6	33.4	48.1	84.2
In school . . . . .	2.8	17.4	5.2	1.1	.2	.1	.1	(1)	(1)
Ill health, disability . . . . .	3.5	.6	1.2	1.3	2.1	4.0	6.6	8.6	7.7
Home responsibilities . . . . .	23.7	6.5	15.9	24.9	22.6	20.9	23.1	29.4	44.7
Retirement, old age . . . . .	4.7	--	--	--	(1)	.1	.7	7.5	30.1
Think cannot get job . . . . .	.5	1.5	.6	.3	.6	.3	.5	.6	.3
All other reasons . . . . .	3.6	14.9	4.0	2.0	1.8	2.2	2.4	2.0	1.3
<b>Male</b>									
Civilian noninstitutional population (in thousands) . . .	67,648	7,695	8,027	12,851	10,703	11,186	4,772	4,104	8,310
Percent distribution . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . .	80.5	66.9	87.6	96.1	96.6	93.0	87.1	72.2	24.8
Not in labor force . . . . .	19.5	33.1	12.4	3.9	3.4	7.0	12.9	27.8	75.2
In school . . . . .	3.0	16.6	6.4	1.5	.2	.1	(1)	--	--
Ill health, disability . . . . .	3.9	.8	1.1	1.1	1.8	4.6	7.9	11.1	9.5
Home responsibilities . . . . .	.3	.4	.1	.1	.1	.2	.3	.3	1.5
Retirement, old age . . . . .	8.5	--	--	--	(1)	.3	1.4	13.2	61.3
Think cannot get job . . . . .	.3	1.5	.2	.1	.2	(1)	.2	.4	.4
All other reasons . . . . .	3.5	13.7	4.6	1.2	1.0	1.9	3.0	2.8	2.4
<b>Female</b>									
Civilian noninstitutional population (in thousands)	76,027	7,795	9,008	13,791	11,575	12,168	5,292	4,749	11,650
Percent distribution . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In civilian labor force . . .	44.0	51.3	60.3	46.4	50.5	53.4	48.1	34.4	9.3
Not in labor force . . . . .	56.0	48.7	39.7	53.6	49.5	46.6*	51.9	65.6	90.7
In school . . . . .	2.6	18.2	4.1	.8	.3	.1	.1	.1	.1
Ill health, disability . . . . .	3.1	.5	1.2	1.5	2.3	3.5	5.5	6.4	6.5
Home responsibilities . . . . .	44.6	12.5	29.9	48.1	43.5	39.9	43.6	54.5	75.5
Retirement, old age . . . . .	1.4	--	--	--	--	(1)	.1	2.6	7.7
Think cannot get job . . . . .	.7	1.5	.9	.6	.9	.6	.7	.7	.3
All other reasons . . . . .	3.6	16.0	3.4	2.7	2.6	2.5	1.9	1.3	.6

\*Percent less than 0.05.

NOTE: See table A-1, regarding the introduction of 1970 census population controls.

**HOUSEHOLD DATA  
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**11: Reasons for nonparticipation in labor force by age and sex**

Nonparticipants by reason for status	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971
<b>Thousands of persons</b>										
Total	55,784	54,843	6,341	6,426	4,570	4,680	23,805	23,503	21,068	20,234
In school	3,980	4,099	2,700	2,793	889	945	378	354	13	7
Ill health, disability	5,012	4,618	99	78	196	172	2,407	2,184	2,308	2,183
Home responsibilities	34,115	33,781	1,004	937	2,705	2,774	18,886	18,794	11,520	11,276
Retirement, old age	6,772	6,227	--	--	--	--	109	74	6,663	6,151
Think cannot get job	785	863	229	235	102	121	337	386	117	122
All other reasons	5,119	5,254	2,308	2,384	676	666	1,685	1,711	447	495
Male	13,203	12,766	2,548	2,589	998	1,034	2,268	2,033	7,388	7,110
In school	2,019	2,131	1,281	1,349	516	596	222	187	--	--
Ill health, disability	2,630	2,408	63	57	85	81	1,233	1,108	1,249	1,163
Home responsibilities	227	214	31	16	10	3	52	43	133	153
Retirement, old age	5,740	5,489	--	--	--	--	101	68	5,639	5,418
Think cannot get job	229	261	114	104	19	26	46	70	51	59
All other reasons	2,358	2,263	1,058	1,063	368	327	616	558	316	316
Female	42,580	42,077	3,792	3,838	3,571	3,645	21,537	21,471	13,680	13,124
In school	1,961	1,968	1,419	1,444	373	349	157	167	13	7
Ill health, disability	2,382	2,210	37	21	112	91	1,175	1,077	1,059	1,021
Home responsibilities	33,888	33,567	973	921	2,696	2,772	18,834	18,752	11,386	11,122
Retirement, old age	1,033	738	--	--	--	--	8	6	1,025	732
Think cannot get job	556	602	115	130	83	95	292	316	66	62
All other reasons	2,760	2,992	1,250	1,321	308	339	1,070	1,151	131	180
<b>Percent distribution</b>										
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	7.1	7.5	42.6	43.5	19.5	20.2	1.6	1.5	.1	(1)
Ill health, disability	9.0	8.4	1.6	1.2	4.3	3.7	10.1	9.3	11.0	10.8
Home responsibilities	61.2	61.8	15.8	14.6	59.2	59.3	79.3	80.0	54.7	55.7
Retirement, old age	12.1	11.4	--	--	--	--	.5	.3	31.6	30.4
Think cannot get job	1.4	1.6	3.6	3.7	2.2	2.6	1.4	1.6	.6	.6
All other reasons	9.2	9.6	36.4	37.1	14.8	14.2	7.1	7.3	2.1	2.4
Male	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	15.3	16.7	50.3	52.1	51.7	57.7	9.8	9.2	--	--
Ill health, disability	19.9	18.9	2.5	2.2	8.5	7.8	54.3	54.5	16.9	16.4
Home responsibilities	1.7	1.7	1.2	.6	1.0	.3	2.3	2.1	1.8	2.2
Retirement, old age	43.5	43.0	--	--	--	--	4.4	3.3	76.3	76.2
Think cannot get job	1.7	2.0	4.5	4.0	1.9	2.5	2.0	3.4	.7	.8
All other reasons	17.9	17.7	41.5	41.1	36.9	31.7	27.1	27.4	4.3	4.4
Female	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	4.6	4.7	37.4	37.6	10.4	9.6	.7	.8	.1	.1
Ill health, disability	5.6	5.3	1.0	.5	3.1	2.5	5.5	5.0	7.7	7.8
Home responsibilities	79.6	79.8	25.6	24.0	75.5	76.0	87.5	87.3	83.2	84.7
Retirement, old age	2.4	1.8	--	--	--	--	(1)	(1)	7.5	5.6
Think cannot get job	1.3	1.4	3.0	3.4	2.6	1.4	1.5	.5	.5	.5
All other reasons	6.5	7.1	32.9	34.4	8.6	9.3	5.0	5.4	1.0	1.4

<sup>1</sup> Percent less than 0.05.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

12: Reasons for nonparticipation in labor force by age, color, and sex

Nonparticipants by reason for status	Total		Age in years					
			16-24		25-59		60 and over	
	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971
<b>White</b>								
Male (in thousands)	11,444	11,133	2,930	3,016	1,844	1,654	6,670	6,464
In school	1,648	1,772	1,470	1,613	179	158	--	--
Ill health, disability	2,132	1,930	113	102	968	878	1,050	950
Home responsibilities	204	189	38	13	50	38	115	139
Retirement, old age	5,265	5,096	--	--	99	59	5,165	5,034
Think cannot get job	175	207	99	104	31	52	45	51
All other reasons	2,020	1,939	1,209	1,185	517	467	294	289
Female (in thousands)	38,133	37,931	6,175	6,337	19,421	19,482	12,535	12,111
In school	1,579	1,611	1,428	1,478	138	128	13	7
Ill health, disability	1,802	1,787	101	74	863	869	839	844
Home responsibilities	30,994	30,852	3,174	3,228	17,227	17,234	10,593	10,391
Retirement, old age	919	653	--	--	8	6	911	646
Think cannot get job	424	463	156	162	216	244	52	56
All other reasons	2,415	2,565	1,316	1,396	969	1,003	128	167
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	14.4	15.9	50.2	53.5	9.7	9.6	--	--
Ill health, disability	18.6	17.3	3.9	3.4	52.5	53.1	15.7	14.7
Home responsibilities	1.8	1.7	1.3	.4	2.7	2.3	1.7	2.2
Retirement, old age	46.0	45.8	--	--	5.4	3.6	77.4	77.9
Think cannot get job	1.5	1.9	3.4	3.4	1.7	3.1	.7	.8
All other reasons	17.7	17.4	41.3	39.3	28.0	28.3	4.4	4.5
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	4.1	4.2	23.1	23.3	.7	.7	.1	.1
Ill health, disability	4.7	4.7	1.6	1.2	4.4	4.5	6.7	7.0
Home responsibilities	81.3	81.3	51.4	50.9	88.7	88.5	84.5	85.8
Retirement, old age	2.4	1.7	--	--	(1)	(1)	7.3	5.3
Think cannot get job	1.1	1.2	2.5	2.6	1.1	1.3	.4	.5
All other reasons	6.3	6.8	21.3	22.0	5.0	5.1	1.0	1.4
<b>Negro and other races</b>								
Male (in thousands)	1,759	1,633	616	607	424	382	718	646
In school	371	360	329	332	42	28	--	--
Ill health, disability	498	478	34	36	265	230	198	212
Home responsibilities	23	25	3	6	2	5	18	14
Retirement, old age	475	393	--	--	2	8	473	384
Think cannot get job	54	54	33	27	15	18	6	8
All other reasons	339	324	218	207	98	91	22	27
Female (in thousands)	4,448	4,146	1,189	1,144	2,116	1,988	1,144	1,013
In school	382	356	363	315	20	41	--	--
Ill health, disability	580	424	47	38	313	208	220	178
Home responsibilities	2,895	2,715	493	464	1,609	1,519	793	732
Retirement, old age	114	85	--	--	--	--	114	85
Think cannot get job	132	139	42	63	76	72	14	6
All other reasons	344	427	243	265	99	149	3	13
Male (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	21.1	22.0	53.3	54.6	9.9	7.4	--	--
Ill health, disability	28.3	29.3	5.5	5.9	62.5	60.5	27.6	32.9
Home responsibilities	1.3	1.5	.5	1.0	.5	1.3	2.5	2.2
Retirement, old age	27.0	24.1	--	--	.5	2.1	66.0	59.5
Think cannot get job	3.1	3.3	5.3	4.4	3.5	4.7	.8	1.2
All other reasons	19.3	19.8	39.3	34.0	23.1	23.9	3.1	4.2
Female (percent distribution)	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school	8.6	8.6	30.6	27.5	.9	2.1	--	--
Ill health, disability	13.0	10.2	4.0	3.3	14.8	10.5	19.2	17.6
Home responsibilities	65.1	65.5	41.5	40.5	76.0	76.4	69.3	72.2
Retirement, old age	2.6	2.1	--	--	--	--	10.0	8.4
Think cannot get job	3.0	3.4	3.5	5.5	3.6	3.6	1.2	.6
All other reasons	7.7	10.3	20.5	23.1	4.7	7.5	.3	1.3

<sup>1</sup>Percent less than 0.05.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.



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**13: Job desire of persons not in labor force and reasons for not seeking work by age and sex**

Reasons for not seeking work	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971
<b>Thousands of persons</b>										
Total not in labor force . . . . .	55,784	54,843	6,341	6,426	4,570	4,680	23,805	23,503	21,068	20,234
Do not want job now . . . . .	51,570	50,555	5,357	5,386	3,888	3,976	21,675	21,367	20,653	19,823
Want job now - total . . . . .	4,214	4,288	984	1,040	682	704	2,130	2,136	415	411
In school . . . . .	592	689	417	462	112	146	63	82	--	--
Ill health, disability . . . . .	648	522	30	23	62	45	400	342	155	112
Home responsibilities . . . . .	1,280	1,148	87	100	238	211	913	799	41	38
Think cannot get job . . . . .	785	863	229	235	102	121	337	386	117	122
All other reasons . . . . .	909	1,066	221	220	168	181	417	527	102	139
Male . . . . .	1,079	1,099	443	396	155	176	302	335	182	191
In school . . . . .	294	325	208	210	52	87	35	29	--	--
Ill health, disability . . . . .	276	267	24	15	29	18	145	164	79	69
Think cannot get job . . . . .	229	261	114	104	19	26	46	70	51	59
All other reasons <sup>1</sup> . . . . .	280	246	97	67	55	45	76	72	52	63
Female . . . . .	3,135	3,189	545	643	529	529	1,828	1,798	234	220
In school . . . . .	298	364	210	252	60	60	29	52	--	--
Ill health, disability . . . . .	372	255	8	8	35	27	254	177	75	43
Home responsibilities . . . . .	1,251	1,134	78	98	236	211	909	793	29	33
Think cannot get job . . . . .	556	602	115	130	83	95	292	316	66	62
All other reasons . . . . .	658	834	134	155	115	136	344	460	64	82
<b>Percent distribution</b>										
Want job now - total . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	14.0	16.1	42.4	44.4	16.4	20.7	3.0	3.8	--	--
Ill health, disability . . . . .	15.4	12.2	3.0	2.2	9.1	6.4	18.8	16.0	37.3	27.3
Home responsibilities . . . . .	30.4	26.8	8.8	9.6	34.9	30.0	42.9	37.4	9.9	9.2
Think cannot get job . . . . .	18.6	20.1	23.3	22.6	15.0	17.2	15.8	18.1	28.2	29.7
All other reasons . . . . .	21.6	24.9	22.5	21.2	24.6	25.7	19.6	24.7	24.6	33.8
Male . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	27.2	29.6	47.0	53.0	33.5	49.4	11.6	8.7	--	--
Ill health, disability . . . . .	25.6	24.3	5.4	3.8	18.7	10.2	48.0	49.0	43.4	36.1
Think cannot get job . . . . .	21.2	23.7	25.7	26.3	12.3	14.8	15.2	20.9	28.0	30.9
All other reasons <sup>1</sup> . . . . .	25.9	22.4	21.9	16.9	35.5	25.6	25.2	21.5	28.6	33.0
Female . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school . . . . .	9.5	11.4	38.5	39.2	11.3	11.3	1.6	2.9	--	--
Ill health, disability . . . . .	11.9	8.0	1.5	1.2	6.6	5.1	13.9	9.8	32.1	19.5
Home responsibilities . . . . .	39.9	35.6	14.3	15.2	44.6	39.9	49.7	44.1	12.4	15.0
Think cannot get job . . . . .	17.7	18.9	21.1	20.2	15.7	18.0	16.0	17.6	28.2	28.2
All other reasons . . . . .	21.0	26.2	24.6	24.1	21.7	25.7	18.8	25.6	27.4	37.3

<sup>1</sup>Includes small number of men not seeking work because of home responsibilities.

**NOTE:** See note, table A-1, regarding the introduction of 1970 census population controls.

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QUARTERLY AVERAGES**

**14: Job desire of persons not in labor force and reasons for not seeking work by color and sex**

Reasons for not seeking work	White				Negro and other races			
	Male		Female		Male		Female	
	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971
<b>Thousands of persons</b>								
Total not in labor force .....	11,444	11,133	38,133	37,931	1,759	1,633	4,448	4,146
Do not want job now .....	10,574	10,248	35,684	35,399	1,550	1,421	3,764	3,488
Want job now .....	870	885	2,449	2,532	209	212	684	658
In school .....	233	239	233	261	61	85	65	104
Ill health, disability .....	227	219	251	199	49	48	120	56
Home responsibilities <sup>1</sup> .....	--	--	965	905	--	--	286	229
Think cannot get job .....	175	207	424	463	54	54	132	139
All other reasons .....	235	220	576	704	45	25	81	130
<b>Percent distribution</b>								
Want job now .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
In school .....	26.8	27.0	9.5	10.3	29.2	40.1	9.5	15.8
Ill health, disability .....	26.1	24.7	10.2	7.9	23.4	22.6	17.5	8.5
Home responsibilities <sup>1</sup> .....	--	--	39.4	35.7	--	--	41.8	34.8
Think cannot get job .....	20.1	23.4	17.3	18.3	25.8	25.5	19.3	21.1
All other reasons .....	27.0	24.9	23.5	27.8	21.5	11.8	11.8	19.8

<sup>1</sup>Small number of men not seeking work because of "home responsibilities" are included in "all other reasons."  
NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

**15: Persons not in labor force who desire to work but think they cannot get jobs by age, color, sex, and detailed reason**

3rd Quarter 1972  
(In thousands)

Detailed reason for not seeking work	Total	Age in years				Color	
		16-19	20-24	25-59	60 and over	White	Negro and other races
<b>Total</b> .....	<b>785</b>	<b>229</b>	<b>102</b>	<b>337</b>	<b>117</b>	<b>599</b>	<b>186</b>
Employers think too young or old .....	96	21	2	12	61	87	9
Lacks education or training .....	78	19	12	47	--	50	27
Other personal handicap .....	43	6	4	28	4	41	2
Could not find job .....	325	123	59	123	22	230	95
Thinks no job available .....	243	60	26	127	30	190	53
<b>Male</b> .....	<b>229</b>	<b>114</b>	<b>19</b>	<b>46</b>	<b>51</b>	<b>175</b>	<b>54</b>
Employers think too young or old .....	35	15	--	--	21	33	2
Lacks education or training .....	21	11	2	8	--	13	7
Other personal handicap .....	11	4	2	4	2	10	2
Could not find job .....	108	60	14	25	8	74	34
Thinks no job available .....	54	24	--	9	21	45	9
<b>Female</b> .....	<b>556</b>	<b>115</b>	<b>83</b>	<b>292</b>	<b>66</b>	<b>424</b>	<b>132</b>
Employers think too young or old .....	61	6	2	12	41	54	7
Lacks education or training .....	57	8	10	39	--	37	20
Other personal handicap .....	31	3	2	24	2	31	--
Could not find job .....	217	62	43	98	14	156	61
Thinks no job available .....	189	36	26	118	10	145	44

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

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**16: Most recent work experience of persons not in labor force and reason for leaving last job for those who worked during previous 12 months by age and sex**

Most recent work experience and reason leaving job	Total		Age in years							
			16-19		20-24		25-59		60 and over	
	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971
<b>Total</b>										
Not in labor force (in thousands) . . . . .	55,784	54,843	6,341	6,426	4,570	4,680	23,805	23,503	21,068	20,234
Never worked . . . . .	9,770	9,744	3,678	3,652	924	858	2,472	2,441	2,697	2,793
Last worked over 5 years ago . . . . .	26,359	25,406	28	29	297	278	12,242	12,071	13,791	13,030
Last worked 1 to 5 years ago . . . . .	10,869	10,224	440	487	1,623	1,620	5,579	5,122	3,226	2,996
Left job previous 12 months . . . . .	8,785	9,468	2,196	2,258	1,724	1,924	3,512	3,870	1,354	1,416
Percent distribution by reason . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities . . . . .	44.3	46.0	57.4	62.8	63.3	65.1	41.0	40.7	7.7	8.0
Ill health, disability . . . . .	9.5	9.3	2.2	1.7	4.3	2.8	13.6	13.7	17.0	18.5
Retirement, old age . . . . .	8.7	7.6	--	--	--	--	2.2	1.7	50.7	46.1
Economic reasons . . . . .	20.3	20.6	21.7	20.9	15.2	14.6	23.7	25.2	15.7	15.8
End of seasonal job . . . . .	9.2	7.8	11.6	10.7	6.0	5.4	10.6	8.7	6.1	4.2
Slack work . . . . .	4.7	5.7	4.5	3.5	4.0	4.2	5.5	8.3	3.7	4.0
End of temporary job . . . . .	6.4	7.1	5.6	6.6	5.2	5.1	7.5	8.2	5.9	7.6
All other reasons . . . . .	17.2	16.5	18.7	14.7	17.2	17.5	19.5	18.8	8.9	11.5
<b>Male</b>										
Not in labor force (in thousands) . . . . .	13,203	12,766	2,548	2,589	998	1,034	2,268	2,033	7,388	7,110
Never worked . . . . .	1,736	1,687	1,289	1,318	256	216	169	138	23	14
Last worked over 5 years ago . . . . .	5,579	5,395	11	8	21	30	746	696	4,802	4,661
Last worked 1 to 5 years ago . . . . .	2,991	2,550	143	147	229	169	832	608	1,787	1,628
Left job previous 12 months . . . . .	2,897	3,134	1,106	1,116	492	619	521	592	777	806
Percent distribution by reason . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities . . . . .	35.8	37.2	56.5	60.4	60.7	59.4	16.9	18.9	3.2	1.7
Ill health, disability . . . . .	13.2	12.8	2.3	2.9	4.1	2.9	36.8	34.0	18.5	18.8
Retirement, old age . . . . .	17.4	16.3	--	--	--	--	9.0	5.9	58.7	59.0
Economic reasons . . . . .	17.7	17.3	22.6	21.3	16.7	15.2	15.5	17.0	13.2	13.5
End of seasonal job . . . . .	8.5	7.6	13.0	12.3	8.4	6.5	4.0	5.7	5.0	3.2
Slack work . . . . .	4.0	4.8	4.3	2.8	3.3	5.3	7.1	9.3	2.3	3.7
End of temporary job . . . . .	5.2	4.9	5.2	6.3	5.1	3.4	4.4	2.0	5.9	6.6
All other reasons . . . . .	15.9	16.3	18.6	15.3	18.5	22.5	21.8	24.2	6.3	7.0
<b>Female</b>										
Not in labor force (in thousands) . . . . .	42,580	42,077	3,792	3,838	3,571	3,645	21,536	21,471	13,680	13,124
Never worked . . . . .	8,034	8,058	2,389	2,334	668	642	2,302	2,303	2,674	2,779
Last worked over 5 years ago . . . . .	20,780	20,011	17	21	278	247	11,495	11,375	8,990	8,368
Last worked 1 to 5 years ago . . . . .	7,878	7,674	297	340	1,394	1,450	4,748	4,516	1,439	1,368
Left job previous 12 months . . . . .	5,888	6,334	1,090	1,142	1,232	1,305	2,991	3,279	577	610
Percent distribution by reason . . . . .	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities . . . . .	48.5	50.4	58.3	65.1	64.3	67.9	45.2	44.6	13.7	16.3
Ill health, disability . . . . .	7.6	7.6	2.0	.5	4.4	2.8	9.6	10.0	14.9	18.1
Retirement, old age . . . . .	4.4	3.3	--	--	--	--	1.0	.9	39.8	29.1
Economic reasons . . . . .	21.5	22.3	20.8	20.3	14.5	14.3	25.1	26.8	19.1	18.9
End of seasonal job . . . . .	9.6	8.0	10.0	9.1	5.0	4.8	11.7	9.3	7.6	5.6
Slack work . . . . .	5.0	6.1	4.8	4.3	4.3	3.6	5.3	8.1	5.6	4.3
End of temporary job . . . . .	6.9	8.2	6.1	6.9	5.2	5.9	8.1	9.4	5.9	9.0
All other reasons . . . . .	17.9	16.5	18.8	14.0	16.7	15.0	19.0	17.8	12.5	17.6

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

17: Most recent work experience of persons not in labor force and reasons for leaving last job  
for those who worked during previous 12 months by color and sex

Most recent work experience and reason leaving job	White				Negro and other races			
	Male		Female		Male		Female	
	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971
Total not in labor force (in thousands)	11,444	11,133	38,133	37,931	1,759	1,633	4,448	4,146
Never worked	1,401	1,371	7,092	7,069	335	316	942	989
Last worked over 5 years ago	4,913	4,841	18,844	18,463	666	553	1,936	1,549
Last worked 1 to 5 years ago	2,615	2,254	6,973	6,830	376	297	905	844
Left job previous 12 months	2,515	2,666	5,224	5,569	382	467	665	765
Percent distribution by reason	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
School, home responsibilities	36.0	37.7	49.3	51.3	34.2	34.5	42.5	44.0
Ill health, disability	13.2	11.4	7.4	6.7	12.8	21.2	9.6	14.3
Retirement, old age	18.4	17.5	4.7	3.6	11.2	9.0	1.7	.8
Economic reasons	16.3	16.5	20.5	22.4	27.4	22.1	29.8	21.2
End of seasonal job	7.4	7.2	8.9	8.0	15.7	10.1	15.5	7.5
Slack work	3.7	4.5	4.8	6.1	6.5	6.6	6.6	6.4
End of temporary job	5.3	4.9	6.8	8.3	5.2	5.4	7.7	7.3
All other reasons	16.1	16.8	18.1	16.1	14.4	13.3	16.4	19.8

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

18: Industry and occupation of last job for persons not in labor force who worked during  
previous 12 months by reasons leaving job  
3rd Quarter 1972

Industry and class of worker and major occupation	Total (thousands of persons)	Reason left job (percent distribution)					
		Total	School, home responsibilities	Ill health, disability	Retirement, old age	Economic reasons	All other
Total who left jobs in previous 12 months	8,785	100.0	44.3	9.5	8.7	20.3	17.2
<b>Industry</b>							
Agriculture <sup>1</sup>	529	100.0	19.3	10.2	4.5	31.8	34.2
Unpaid family workers	154	100.0	2.6	1.3	--	3.9	92.8
Wage and salary workers	335	100.0	26.0	11.1	3.9	47.6	11.4
Nonagricultural industries	8,274	100.0	46.3	9.3	9.0	19.2	16.2
Self-employed workers	331	100.0	32.7	19.4	12.4	20.3	15.2
Unpaid family workers	179	100.0	14.0	2.2	3.4	4.5	76.0
Wage and salary workers	7,764	100.0	47.6	9.0	9.0	19.5	14.8
Private household workers	374	100.0	41.4	14.7	1.9	27.8	14.2
Government workers	1,358	100.0	40.2	6.4	14.8	27.9	10.7
All other <sup>2</sup>	6,032	100.0	49.7	9.3	8.1	17.1	15.8
Construction	244	100.0	36.7	14.7	10.2	24.9	13.5
Manufacturing	1,315	100.0	43.0	11.3	15.6	13.2	16.9
Transportation and public utilities	259	100.0	30.5	10.4	25.5	20.8	12.7
Trade	2,201	100.0	55.1	8.1	3.5	15.9	17.4
Finance and services	1,982	100.0	52.2	8.4	5.6	19.5	14.2
<b>Occupation</b>							
White-collar workers	3,277	100.0	53.0	10.7	4.0	17.6	14.8
Professional and technical	741	100.0	58.9	6.2	1.8	29.8	3.4
Managers and administrators, except farm	557	100.0	19.6	15.8	14.7	7.7	42.2
Clerical and sales	1,979	100.0	60.2	10.8	1.9	15.7	11.3
Blue-collar workers	3,416	100.0	20.5	13.3	13.0	20.2	32.9
Craftsmen and kindred workers	567	100.0	15.0	9.7	25.2	12.3	37.7
Operatives, except transport	1,273	100.0	22.5	9.7	2.4	33.4	32.1
Transport equipment operatives	662	100.0	34.3	12.4	31.9	11.5	10.0
Nonfarm laborers	914	100.0	11.0	21.5	6.6	13.2	47.8
Service workers	1,950	100.0	26.6	8.5	13.5	11.9	39.5
Farm workers	3,016	100.0	7.1	5.5	8.6	12.4	66.4

<sup>1</sup> Includes small number of self-employed workers, not shown separately.<sup>2</sup> Includes forestries, fisheries, and mining, not shown separately.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

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**19: Work-seeking intentions of persons not in labor force and major characteristics of those who intend to seek work within next 12 months by sex and color**

Work-seeking intentions, most recent work experience, and major occupation	Total		Male		Female	
	3rd 1972	3rd 1971	3rd 1972	3rd 1971	3rd 1972	3rd 1971
<b>Total</b>						
Total not in labor force (in thousands) .....	55,784	54,843	13,203	12,766	42,580	42,077
Do not intend to seek work .....	48,154	47,074	10,864	10,372	37,289	36,702
Intend to seek work in next 12 months .....	7,630	7,769	2,339	2,394	5,291	5,375
Never worked .....	1,309	1,384	432	493	878	890
Last worked over 5 years ago .....	937	831	80	63	858	769
Last worked 1 to 5 years ago .....	1,742	1,655	460	366	1,282	1,289
Worked during previous 12 months .....	3,642	3,899	1,368	1,472	2,274	2,427
Percent distribution by occupation .....	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers .....	30.1	42.8	32.1	25.7	29.1	53.5
Professional and technical .....	6.4	10.6	6.6	8.0	6.3	12.2
Managers and administrators, except farm .....	4.2	2.6	6.2	4.3	3.3	1.5
Clerical and sales .....	19.4	29.6	19.3	13.4	19.5	39.8
Blue-collar workers .....	29.6	27.7	42.9	49.0	23.5	14.3
Craftsmen and kindred workers .....	6.4	3.7	8.9	8.4	5.3	.8
Operatives, except transport .....	9.8	(2)	14.7	(2)	7.6	(2)
Transport equipment operatives .....	4.8	(2)	13.1	(2)	.9	(2)
Nonfarm laborers .....	8.6	10.3	6.2	25.1	9.7	1.0
Service workers .....	27.1	26.0	15.9	19.6	32.3	30.1
Farm workers .....	13.2	3.5	9.0	5.7	15.1	2.1
<b>White</b>						
Total not in labor force (in thousands) .....	49,577	49,064	11,444	11,133	38,133	37,931
Do not intend to seek work .....	43,333	42,642	9,490	9,110	33,840	33,532
Intend to seek work in next 12 months .....	6,247	6,422	1,954	2,023	4,293	4,399
Never worked .....	1,035	1,070	354	394	681	676
Last worked over 5 years ago .....	771	745	65	54	706	691
Last worked 1 to 5 years ago .....	1,347	1,350	365	308	982	1,042
Worked during previous 12 months <sup>1</sup> .....	3,094	3,257	1,170	1,267	1,924	1,990
<b>Negro and other races</b>						
Total not in labor force (in thousands) .....	6,207	5,779	1,759	1,633	4,448	4,146
Do not intend to seek work .....	4,823	4,432	1,374	1,262	3,449	3,170
Intend to seek work in next 12 months .....	1,384	1,347	385	371	999	976
Never worked .....	274	314	77	99	197	215
Last worked over 5 years ago .....	167	87	15	9	152	78
Last worked 1 to 5 years ago .....	395	305	95	58	300	247
Worked during previous 12 months <sup>1</sup> .....	548	642	198	205	350	437

<sup>1</sup> Occupational data not available by color.

<sup>2</sup> Data comparable to 1972 category not available. For an explanation of the occupational classification changes, see "Revisions in the Current Population Survey" in the February 1972 issue of *Employment and Earnings*.

NOTE: See note, table A-1, regarding the introduction of 1970 census population controls.

20: Employment status of male Vietnam Era veterans and nonveterans 20 to 29 years old  
by age and race

Item	(Numbers in thousands)											
	1972			1971				1970				1969
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
<b>TOTAL, 20 TO 29 YEARS OLD</b>												
<b>Veterans<sup>1</sup></b>												
Civilian noninstitutional population.....	4,574	4,515	4,429	4,293	4,145	3,981	3,809	3,696	3,522	3,354	3,174	2,990
Civilian labor force.....	4,285	4,174	4,058	3,931	3,844	3,623	3,459	3,383	3,303	3,127	2,936	2,752
Percent of population.....	93.7	92.4	91.6	91.6	92.7	91.0	90.8	91.5	93.8	93.2	92.5	92.0
Employed.....	4,005	3,862	3,658	3,626	3,525	3,314	3,087	3,114	3,090	2,931	2,737	2,622
Unemployed.....	280	312	400	304	319	309	372	269	213	196	199	130
Unemployment rate.....	6.5	7.5	9.8	7.8	8.3	8.5	10.8	7.9	6.4	6.3	6.8	4.7
Not in labor force.....	289	341	371	362	301	358	350	313	219	227	238	238
<b>Nonveterans</b>												
Civilian noninstitutional population.....	10,120	9,930	9,716	9,567	9,454	9,334	9,209	9,068	8,943	8,815	8,714	8,589
Civilian labor force.....	9,088	8,604	8,264	8,200	8,436	8,093	7,844	7,810	8,067	7,670	7,397	7,334
Percent of population.....	89.8	86.6	85.0	85.7	89.2	86.7	85.2	86.1	90.2	87.0	84.9	85.4
Employed.....	8,543	8,006	7,566	7,633	7,852	7,524	7,188	7,281	7,563	7,241	6,990	7,089
Unemployed.....	545	598	698	567	584	569	656	529	504	429	407	245
Unemployment rate.....	6.0	7.0	8.4	6.9	6.9	7.0	8.4	6.8	6.2	5.6	5.5	3.3
Not in labor force.....	1,032	1,326	1,452	1,367	1,018	1,241	1,365	1,258	876	1,145	1,317	1,255
<b>WHITE</b>												
<b>Veterans<sup>1</sup></b>												
Civilian noninstitutional population.....	4,135	4,102	4,028	3,878	3,722	3,596	3,446	3,329	3,177	3,061	2,893	2,706
Civilian labor force.....	3,886	3,799	3,708	3,558	3,456	3,274	3,135	3,058	2,981	2,854	2,686	2,496
Percent of population.....	94.0	92.6	92.0	91.7	92.9	91.0	91.0	91.9	93.8	93.2	92.8	92.4
Employed.....	3,663	3,535	3,361	3,304	3,191	3,008	2,812	2,835	2,809	2,686	2,508	2,389
Unemployed.....	223	264	347	252	265	266	323	223	172	168	178	107
Unemployment rate.....	5.7	7.0	9.3	7.1	7.7	8.1	10.3	7.3	5.8	5.9	6.6	4.3
Not in labor force.....	249	303	320	321	266	322	311	271	196	207	207	210
<b>Nonveterans</b>												
Civilian noninstitutional population.....	8,839	8,652	8,463	8,260	8,183	8,072	7,964	7,853	7,738	7,580	7,524	7,456
Civilian labor force.....	7,970	7,539	7,232	7,116	7,338	7,020	6,798	6,776	6,999	6,612	6,380	6,355
Percent of population.....	90.2	87.1	85.4	86.1	89.7	87.0	85.4	86.3	90.4	87.2	84.8	85.2
Employed.....	7,548	7,053	6,678	6,678	6,888	6,567	6,277	6,354	6,598	6,281	6,062	6,160
Unemployed.....	421	486	553	438	450	453	521	422	401	331	318	195
Unemployment rate.....	5.3	6.4	7.6	6.2	6.1	6.5	7.7	6.2	5.7	5.0	5.0	3.1
Not in labor force.....	869	1,113	1,231	1,144	845	1,052	1,166	1,077	739	968	1,144	1,101
<b>NEGRO AND OTHER RACES</b>												
<b>Veterans<sup>1</sup></b>												
Civilian noninstitutional population.....	439	413	401	415	425	386	363	367	345	293	281	283
Civilian labor force.....	400	375	350	373	388	350	324	325	322	273	251	256
Percent of population.....	91.1	90.7	87.4	90.0	91.5	90.7	89.4	88.6	93.3	93.1	89.2	90.4
Employed.....	342	327	297	322	334	308	275	279	281	245	229	233
Unemployed.....	58	48	53	52	54	42	49	46	41	28	22	23
Unemployment rate.....	14.5	12.7	15.3	13.8	14.0	12.1	15.1	14.2	12.6	10.3	8.6	9.0
Not in labor force.....	39	38	51	41	37	36	39	42	23	20	30	27
<b>Nonveterans</b>												
Civilian noninstitutional population.....	1,281	1,278	1,253	1,307	1,271	1,262	1,245	1,215	1,205	1,234	1,190	1,133
Civilian labor force.....	1,118	1,065	1,032	1,084	1,098	1,073	1,045	1,033	1,068	1,058	1,018	979
Percent of population.....	87.3	83.3	82.4	82.9	86.4	85.0	84.0	85.0	88.6	85.7	85.5	86.4
Employed.....	994	953	888	955	963	958	910	926	966	961	929	929
Unemployed.....	124	112	145	129	135	115	135	107	102	97	89	50
Unemployment rate.....	11.1	10.5	14.0	11.9	12.3	10.7	12.9	10.3	9.6	9.2	8.7	5.1
Not in labor force.....	163	213	221	223	173	189	200	182	137	176	172	154

See footnotes at end of table.

**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

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**20: Employment status of male Vietnam Era veterans and nonveterans 20 to 29 years old  
by age and race--Continued**

Item	(Numbers in thousands)											
	1972				1971				1970			
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
<b>TOTAL, 20 TO 24 YEARS OLD</b>												
<b>Veterans<sup>1</sup></b>												
Civilian noninstitutional population.....	1,913	1,967	2,000	1,990	1,974	1,947	1,902	1,869	1,819	1,774	1,719	1,688
Civilian labor force.....	1,752	1,788	1,788	1,782	1,782	1,711	1,668	1,655	1,664	1,615	1,550	1,523
Percent of population.....	91.6	90.9	89.4	89.5	90.3	87.9	87.7	88.5	91.5	91.0	90.2	90.2
Employed.....	1,581	1,606	1,544	1,587	1,583	1,499	1,424	1,476	1,513	1,481	1,409	1,425
Unemployed.....	171	182	244	195	199	212	244	179	151	134	141	98
Unemployment rate.....	9.7	10.2	13.6	11.0	11.2	12.4	14.6	10.8	9.1	8.3	9.1	6.4
Not in labor force.....	161	179	212	208	192	236	234	214	155	159	169	165
<b>Nonveterans</b>												
Civilian noninstitutional population.....	6,113	5,980	5,825	5,620	5,582	5,468	5,327	5,199	5,069	4,947	4,879	4,772
Civilian labor force.....	5,276	4,860	4,573	4,456	4,741	4,439	4,158	4,135	4,373	3,982	3,741	3,693
Percent of population.....	86.3	81.3	78.5	79.3	84.9	81.2	78.0	79.5	86.3	80.5	76.7	77.4
Employed.....	4,868	4,421	4,072	4,061	4,321	4,016	3,709	3,759	4,011	3,688	3,469	3,525
Unemployed.....	407	439	501	394	420	423	449	376	362	294	272	168
Unemployment rate.....	7.7	9.0	10.9	8.8	8.9	9.5	10.8	9.1	8.3	7.4	7.3	4.6
Not in labor force.....	837	1,120	1,252	1,164	841	1,029	1,169	1,064	696	965	1,138	1,079
<b>WHITE</b>												
<b>Veterans<sup>1</sup></b>												
Civilian noninstitutional population.....	1,706	1,748	1,800	1,798	1,761	1,737	1,699	1,677	1,636	1,610	1,541	1,511
Civilian labor force.....	1,572	1,595	1,617	1,615	1,593	1,527	1,489	1,490	1,498	1,464	1,394	1,367
Percent of population.....	92.1	91.2	89.8	89.8	90.5	87.9	87.6	88.8	91.6	91.0	90.5	90.5
Employed.....	1,434	1,442	1,411	1,446	1,424	1,347	1,282	1,341	1,377	1,349	1,270	1,287
Unemployed.....	138	153	206	168	169	180	207	149	121	115	124	80
Unemployment rate.....	8.8	9.6	12.7	10.4	10.6	11.8	13.9	10.0	8.0	7.8	8.9	5.9
Not in labor force.....	134	153	183	184	168	210	210	187	138	146	147	144
<b>Nonveterans</b>												
Civilian noninstitutional population.....	5,322	5,220	5,066	4,838	4,834	4,739	4,616	4,501	4,381	4,247	4,218	4,144
Civilian labor force.....	4,607	4,263	3,994	3,853	4,119	3,850	3,604	3,573	3,781	3,414	3,209	3,177
Percent of population.....	86.6	81.7	78.8	79.6	85.2	81.2	78.1	79.4	86.3	80.4	76.1	76.7
Employed.....	4,291	3,913	3,596	3,548	3,795	3,519	3,252	3,274	3,493	3,184	2,990	3,041
Unemployed.....	315	350	397	304	324	331	352	299	288	230	219	136
Unemployment rate.....	6.8	8.2	9.9	7.9	7.9	8.6	9.8	8.4	7.6	6.7	6.8	4.3
Not in labor force.....	715	957	1,072	986	715	889	1,012	928	600	833	1,009	967
<b>NEGRO AND OTHER RACES</b>												
<b>Veterans<sup>1</sup></b>												
Civilian noninstitutional population.....	207	219	200	192	214	210	203	192	183	164	178	177
Civilian labor force.....	180	193	171	167	189	184	179	165	166	151	156	156
Percent of population.....	87.0	88.1	85.5	87.3	88.5	87.9	88.3	86.1	90.7	92.1	87.6	87.9
Employed.....	147	164	133	141	159	153	142	135	136	132	139	138
Unemployed.....	33	29	38	27	30	31	37	30	30	19	17	18
Unemployment rate.....	18.5	15.1	22.4	15.9	16.0	17.0	20.9	18.1	18.3	12.8	11.1	11.3
Not in labor force.....	27	76	29	24	25	26	24	27	17	13	22	21
<b>Nonveterans</b>												
Civilian noninstitutional population.....	791	761	759	782	748	729	711	698	688	700	661	628
Civilian labor force.....	669	597	579	603	621	589	554	562	592	568	532	516
Percent of population.....	84.6	78.5	76.3	77.2	83.1	80.8	77.9	80.5	86.0	81.1	80.4	82.2
Employed.....	577	508	476	513	525	497	457	485	518	504	479	484
Unemployed.....	92	89	104	90	96	92	97	77	74	64	53	32
Unemployment rate.....	13.8	14.9	17.9	15.0	15.5	15.6	17.4	13.7	12.5	11.3	9.9	6.2
Not in labor force.....	122	164	180	178	127	140	157	136	96	132	129	112

See footnotes at end of table.

HOUSEHOLD DATA  
QUARTERLY AVERAGES20: Employment status of male Vietnam Era veterans and nonveterans 20 to 29 years old  
by age and race--Continued

Item	(Numbers in thousands)											
	1972				1971				1970			
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
<b>TOTAL, 25 TO 29 YEARS OLD</b>												
<b>Veterans<sup>1</sup></b>												
Civilian noninstitutional population.....	2,661	2,549	2,429	2,303	2,171	2,035	1,907	1,826	1,703	1,580	1,455	1,302
Civilian labor force.....	2,533	2,387	2,270	2,149	2,062	1,912	1,791	1,728	1,639	1,512	1,386	1,229
Percent of population.....	95.2	93.6	93.4	93.3	95.0	94.0	93.9	94.6	96.2	95.7	95.3	94.4
Employed.....	2,425	2,256	2,114	2,039	1,942	1,815	1,663	1,639	1,577	1,450	1,328	1,196
Unemployed.....	109	130	156	109	120	97	128	89	62	62	58	33
Unemployment rate.....	4.3	5.5	6.9	5.1	5.8	5.1	7.2	5.2	3.8	4.1	4.2	2.7
Not in labor force.....	128	162	159	154	109	123	116	98	64	68	69	73
<b>Nonveterans</b>												
Civilian noninstitutional population.....	4,007	3,950	3,891	3,947	3,872	3,866	3,882	3,869	3,874	3,867	3,835	3,817
Civilian labor force.....	3,812	3,744	3,691	3,744	3,695	3,654	3,686	3,674	3,695	3,688	3,656	3,641
Percent of population.....	95.1	94.8	94.9	94.9	95.4	94.5	95.0	95.0	95.4	95.4	95.3	95.4
Employed.....	3,674	3,585	3,494	3,572	3,531	3,508	3,479	3,521	3,554	3,553	3,521	3,564
Unemployed.....	138	159	197	172	164	146	207	153	141	135	135	77
Unemployment rate.....	3.6	4.2	5.3	4.6	4.4	4.0	5.6	4.2	3.8	3.7	3.7	2.1
Not in labor force.....	195	206	100	203	177	212	196	195	179	179	179	176
<b>WHITE</b>												
<b>Veterans<sup>1</sup></b>												
Civilian noninstitutional population.....	2,429	2,354	2,228	2,080	1,961	1,859	1,747	1,651	1,541	1,451	1,352	1,196
Civilian labor force.....	2,314	2,205	2,091	1,943	1,863	1,747	1,646	1,568	1,483	1,390	1,291	1,129
Percent of population.....	95.3	93.6	93.8	93.4	95.0	94.0	94.2	95.0	96.2	95.8	95.5	94.4
Employed.....	2,229	2,093	1,950	1,858	1,767	1,661	1,529	1,495	1,431	1,337	1,237	1,101
Unemployed.....	85	112	141	84	96	86	117	73	52	53	54	28
Unemployment rate.....	3.7	5.1	6.7	4.4	5.2	4.9	7.1	4.7	3.5	3.9	4.2	2.4
Not in labor force.....	115	149	137	137	98	112	101	83	58	61	61	67
<b>Nonveterans</b>												
Civilian noninstitutional population.....	3,517	3,433	3,397	3,422	3,349	3,333	3,348	3,352	3,356	3,333	3,307	3,312
Civilian labor force.....	3,363	3,277	3,238	3,263	3,219	3,170	3,195	3,203	3,218	3,198	3,170	3,178
Percent of population.....	95.6	95.4	95.3	95.4	96.1	95.1	95.4	95.6	95.9	95.9	95.9	96.0
Employed.....	3,257	3,140	3,082	3,130	3,093	3,048	3,026	3,080	3,105	3,096	3,071	3,119
Unemployed.....	106	136	156	133	126	122	169	123	113	102	99	59
Unemployment rate.....	3.2	4.2	4.8	4.1	3.9	3.8	5.3	3.8	3.5	3.2	3.1	1.9
Not in labor force.....	154	156	159	158	130	163	153	149	138	135	137	134
<b>NEGRO AND OTHER RACES</b>												
<b>Veterans<sup>1</sup></b>												
Civilian noninstitutional population.....	232	195	201	223	211	176	160	175	162	129	103	106
Civilian labor force.....	220	182	179	206	199	165	145	160	156	122	95	100
Percent of population.....	94.8	93.7	89.2	92.2	94.6	93.9	90.8	91.4	96.3	94.3	91.9	94.4
Employed.....	195	164	164	181	175	154	133	144	146	113	91	95
Unemployed.....	25	19	15	25	24	11	12	16	10	9	4	5
Unemployment rate.....	11.2	10.2	8.6	12.0	12.0	6.7	8.0	10.0	6.6	7.1	4.6	5.3
Not in labor force.....	12	13	22	17	12	11	15	15	6	7	8	6
<b>Nonveterans</b>												
Civilian noninstitutional population.....	490	517	494	525	522	533	534	517	518	534	528	505
Civilian labor force.....	449	467	453	481	477	484	491	471	477	490	486	463
Percent of population.....	91.6	90.4	91.6	91.5	91.1	90.8	92.0	91.2	92.1	91.7	92.0	91.7
Employed.....	417	444	412	442	438	460	453	441	449	457	450	445
Unemployed.....	32	23	41	39	39	24	38	30	28	33	36	18
Unemployment rate.....	7.2	4.9	9.0	8.0	8.1	4.9	7.8	6.3	5.9	6.8	7.4	3.8
Not in labor force.....	41	50	41	45	46	49	43	46	41	44	42	42

<sup>1</sup> Vietnam Era veterans are those who served after August 4, 1964; they are all classified as war veterans. About 80 percent of the Vietnam Era veterans of all ages are 20 to 29 years old. Post-Korean peacetime veterans 20 to 29 years old are not included in this table.

NOTE: Because of rounding, sums of individual items may not equal totals. Rates are based on unrounded numbers.



**HOUSEHOLD DATA  
QUARTERLY AVERAGES**

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**21: Employment status of male Vietnam Era veterans and nonveterans 20 to 29 years old by age, seasonally adjusted**

Item	(Numbers in thousands)											
	1972				1971				1970			
	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th
<b>TOTAL, 20 TO 29 YEARS OLD</b>												
Veterans <sup>1</sup>												
Civilian labor force.....	4,242	4,180	4,076	3,951	3,814	3,632	3,470	3,397	3,267	3,129	2,971	2,755
Percent of population.....	92.7	92.6	92.0	92.0	92.0	91.2	91.1	91.9	92.8	93.3	93.6	92.2
Employed.....	3,935	3,848	3,743	3,623	3,463	3,302	3,160	3,111	3,034	2,919	2,805	2,616
Unemployed.....	307	332	332	328	351	330	310	286	233	210	166	139
Unemployment rate.....	7.2	7.9	8.2	8.3	9.2	9.1	8.9	8.4	7.1	6.7	5.6	5.0
Nonveterans												
Civilian labor force.....	8,748	8,586	8,435	8,371	8,136	8,076	7,997	7,967	7,787	7,651	7,567	7,448
Percent of population.....	86.4	86.5	86.8	87.5	86.1	86.5	86.8	87.9	87.1	86.8	86.8	86.7
Employed.....	8,199	7,978	7,816	7,727	7,544	7,502	7,419	7,367	7,277	7,219	7,209	7,170
Unemployed.....	549	608	619	644	592	574	578	600	510	432	358	278
Unemployment rate.....	6.3	7.1	7.3	7.7	7.3	7.1	7.2	7.5	6.5	5.6	4.7	3.7
<b>TOTAL, 20 TO 24 YEARS OLD</b>												
Veterans <sup>1</sup>												
Civilian labor force.....	1,735	1,792	1,801	1,783	1,768	1,719	1,676	1,655	1,646	1,617	1,575	1,519
Percent of population.....	90.7	91.1	90.1	89.6	89.6	88.3	88.1	88.5	90.5	91.1	91.6	90.0
Employed.....	1,549	1,596	1,596	1,579	1,551	1,490	1,471	1,468	1,482	1,472	1,456	1,417
Unemployed.....	186	196	206	204	217	229	205	187	164	145	119	102
Unemployment rate.....	10.7	10.9	11.4	11.4	12.3	13.3	12.2	11.3	9.9	8.9	7.6	6.7
Nonveterans												
Civilian labor force.....	4,946	4,842	4,753	4,610	4,448	4,421	4,321	4,279	4,101	3,964	3,907	3,802
Percent of population.....	80.9	81.0	81.6	82.0	79.7	80.9	81.1	82.3	80.9	80.1	80.1	79.7
Employed.....	4,541	4,404	4,293	4,162	4,028	4,004	3,911	3,852	3,739	3,677	3,658	3,611
Unemployed.....	405	437	460	448	420	417	410	427	362	287	249	191
Unemployment rate.....	8.2	9.0	9.7	9.7	9.4	9.4	9.5	10.0	8.8	7.2	6.4	5.0
<b>TOTAL, 25 TO 29 YEARS OLD</b>												
Veterans <sup>1</sup>												
Civilian labor force.....	2,508	2,388	2,274	2,168	2,046	1,912	1,794	1,741	1,621	1,512	1,396	1,236
Percent of population.....	94.2	93.7	93.6	94.1	94.2	94.0	94.1	95.3	95.2	95.7	95.9	94.9
Employed.....	2,387	2,251	2,148	2,044	1,912	1,811	1,689	1,642	1,552	1,447	1,349	1,199
Unemployed.....	121	136	127	124	134	101	105	99	69	65	47	37
Unemployment rate.....	4.8	5.7	5.6	5.7	6.5	5.3	5.8	5.7	4.3	4.3	3.3	3.0
Nonveterans												
Civilian labor force.....	3,802	3,745	3,682	3,762	3,687	3,654	3,676	3,688	3,686	3,688	3,660	3,646
Percent of population.....	94.9	94.8	94.6	95.3	95.2	94.5	94.7	95.3	95.1	95.4	95.5	95.5
Employed.....	3,658	3,574	3,523	3,566	3,516	3,497	3,508	3,515	3,538	3,542	3,551	3,559
Unemployed.....	144	171	159	196	171	157	168	173	148	146	109	87
Unemployment rate.....	3.8	4.6	4.3	5.2	4.6	4.3	4.6	4.7	4.0	4.0	3.0	2.4

See footnotes at end of table 20.

A. EMPLOYEES ON NONAGRICULTURAL PAYROLLS, BY INDUSTRY, 1970 TO DATE  
(IN THOUSANDS)

YEAR	ANNUAL AVERAGE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
TOTAL													
1970	70,593	69,935	70,022	70,448	70,734	70,748	71,322	70,532	70,435	70,811	70,564	70,506	71,064
1971	70,645	69,419	69,325	69,666	70,205	70,657	71,299	70,423	70,526	71,162	71,378	71,643	72,039
1972	-	70,642	70,775	71,393	71,979	72,612	73,463						
TOTAL PRIVATE													
1970	58,058	57,506	57,468	57,804	58,020	58,073	58,743	58,477	58,478	58,439	57,843	57,671	58,179
1971	57,790	56,619	56,416	56,695	57,227	57,664	58,368	58,091	58,272	58,482	58,340	58,487	58,814
1972	-	57,464	57,444	58,002	58,592	59,182	60,152						
GOODS--PRODUCING													
1970	23,352	23,474	23,435	23,549	23,518	23,382	23,749	23,526	23,680	23,629	22,941	22,644	22,695
1971	22,542	22,119	21,988	22,079	22,285	22,484	22,856	22,629	22,896	23,045	22,839	22,766	22,515
1972	-	22,142	22,151	22,384	22,613	22,884	23,401						
MINING													
1970	623	611	608	610	616	620	636	635	637	628	623	624	622
1971	602	612	607	609	618	623	635	614	627	625	520	522	607
1972	-	603	598	601	600	605	614						
CONTRACT CONSTRUCTION													
1970	3,381	3,049	3,070	3,157	3,291	3,358	3,526	3,606	3,651	3,556	3,538	3,457	3,311
1971	3,411	3,000	2,930	3,061	3,277	3,398	3,567	3,650	3,691	3,663	3,684	3,624	3,388
1972	-	3,174	3,096	3,210	3,374	3,528	3,717						
MANUFACTURING													
1970	19,349	19,814	19,757	19,782	19,611	19,404	19,587	19,285	19,392	19,445	18,780	18,563	18,762
1971	18,529	18,507	18,451	18,409	18,390	18,463	18,654	18,365	18,578	18,757	18,635	18,620	18,520
1972	-	18,365	18,457	18,573	18,639	18,751	19,070						
DURABLE GOODS													
1970	11,195	11,630	11,576	11,612	11,494	11,351	11,386	11,154	11,090	11,186	10,633	10,483	10,744
1971	10,565	10,619	10,569	10,531	10,529	10,574	10,661	10,461	10,466	10,629	10,586	10,595	10,558
1972	-	10,505	10,570	10,651	10,717	10,797	10,953						
ORDNANCE AND ACCESSORIES													
1970	241.9	276.3	270.7	263.5	253.1	246.9	243.0	235.9	232.2	229.5	221.5	217.9	212.8
1971	192.1	208.6	200.0	194.9	191.9	193.3	191.6	188.9	188.9	189.1	187.2	186.2	184.3
1972	-	183.0	181.9	181.6	182.7	184.3	188.1						
LUMBER AND WOOD PRODUCTS													
1970	572.7	577.2	571.4	570.7	567.3	571.6	588.4	581.3	583.0	577.4	570.0	561.3	552.5
1971	580.8	545.1	550.5	554.4	556.1	567.2	594.7	598.0	604.3	602.9	603.4	599.7	593.2
1972	-	585.6	588.1	592.8	596.9	605.2	630.0						
FURNITURE AND FIXTURES													
1970	459.8	476.0	470.4	468.9	463.1	451.2	454.0	446.0	457.0	460.1	459.3	457.9	453.6
1971	458.5	448.8	446.9	446.6	447.5	450.5	458.3	451.2	458.6	467.8	472.0	475.6	477.6
1972	-	477.2	478.9	480.4	481.5	482.5	491.4						
STONE, CLAY, AND GLASS PRODUCTS													
1970	640.2	633.0	633.8	635.9	641.1	639.6	652.5	646.5	652.4	651.3	640.1	631.7	625.0
1971	633.7	609.4	608.8	613.6	628.1	635.4	647.2	644.4	650.0	650.0	643.3	642.0	632.6
1972	-	625.3	626.7	636.0	646.7	658.4	675.4						
PRIMARY METAL INDUSTRIES													
1970	1,315.6	1,358.8	1,355.0	1,347.3	1,338.7	1,328.6	1,340.8	1,326.1	1,315.8	1,318.3	1,261.9	1,241.1	1,254.3
1971	1,227.4	1,257.5	1,262.9	1,268.0	1,276.2	1,281.1	1,285.0	1,241.4	1,167.9	1,179.6	1,168.7	1,168.7	1,172.0
1972	-	1,183.9	1,190.1	1,217.0	1,226.0	1,235.0	1,246.2						
FABRICATED METAL PRODUCTS													
1970	1,380.4	1,428.5	1,416.0	1,411.0	1,398.6	1,381.4	1,395.3	1,364.5	1,378.9	1,395.8	1,334.5	1,316.4	1,344.1
1971	1,328.2	1,323.0	1,318.0	1,301.5	1,317.7	1,322.2	1,336.9	1,314.0	1,327.4	1,348.9	1,344.3	1,345.7	1,338.2
1972	-	1,328.0	1,333.3	1,343.3	1,350.0	1,360.3	1,382.8						
MACHINERY, EXC. ELECTRICAL													
1970	1,982.1	2,057.2	2,071.2	2,075.4	2,057.9	2,024.9	2,016.7	1,988.5	1,952.2	1,936.6	1,884.3	1,862.2	1,858.4
1971	1,805.3	1,838.9	1,832.5	1,825.5	1,810.3	1,798.1	1,798.6	1,786.5	1,782.0	1,803.3	1,789.3	1,794.9	1,803.5
1972	-	1,799.3	1,825.7	1,828.0	1,835.3	1,849.3	1,871.2						
ELECTRICAL EQUIPMENT AND SUPPLIES													
1970	1,917.0	1,946.2	2,007.7	1,996.6	1,970.6	1,940.9	1,937.8	1,915.9	1,907.1	1,899.6	1,852.8	1,814.5	1,814.3
1971	1,768.5	1,785.7	1,772.3	1,761.3	1,753.3	1,755.5	1,760.6	1,738.6	1,757.6	1,783.1	1,780.5	1,787.6	1,785.7
1972	-	1,774.5	1,782.2	1,787.4	1,792.6	1,803.3	1,830.2						
TRANSPORTATION EQUIPMENT													
1970	1,799.1	1,983.5	1,886.1	1,946.8	1,910.7	1,876.0	1,865.6	1,775.1	1,719.8	1,826.2	1,522.3	1,503.4	1,774.0
1971	1,723.9	1,768.7	1,746.4	1,733.4	1,717.3	1,733.1	1,739.7	1,662.0	1,671.3	1,737.9	1,726.9	1,728.0	1,721.7
1972	-	1,709.1	1,715.5	1,729.9	1,743.1	1,750.2	1,750.6						

## ESTABLISHMENT DATA

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A. EMPLOYEES ON NONAGRICULTURAL PAYROLLS, BY INDUSTRY, 1970 TO DATE--CONTINUED  
(IN THOUSANDS)

YEAR	ANNUAL AVERAGE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DF
DURABLE GOODS--CONTINUED													
INSTRUMENTS AND RELATED PRODUCTS													
1970	460.4	472.4	471.1	471.0	469.5	465.7	463.5	459.3	458.3	454.4	449.3	446.0	443.8
1971	437.0	440.2	435.0	433.7	430.5	432.5	436.2	435.4	437.7	439.6	441.1	441.8	440.1
1972	-	440.0	441.6	443.0	445.8	449.9	457.9						
MISCELLANEOUS MANUFACTURING INDUSTRIES													
1970	425.7	420.6	422.8	424.8	423.2	424.2	428.8	415.2	433.4	436.7	437.1	430.5	411.5
1971	409.6	393.4	394.9	398.2	400.4	405.1	411.9	400.8	420.2	426.9	428.8	425.0	409.4
1972	-	399.3	406.4	411.9	416.1	418.1	428.9						
NONDURABLE GOODS													
1970	8,154	8,184	8,181	8,170	8,117	8,053	8,201	8,131	8,302	8,259	8,147	8,080	8,018
1971	7,964	7,888	7,882	7,878	7,861	7,889	7,993	7,904	8,112	8,128	8,049	8,025	7,962
1972	-	7,860	7,887	7,922	7,922	7,954	8,117						
FOOD AND KINDRED PRODUCTS													
1970	1,782.8	1,730.6	1,725.9	1,722.0	1,709.4	1,724.2	1,783.7	1,813.5	1,910.9	1,894.6	1,838.4	1,788.7	1,751.2
1971	1,758.3	1,701.0	1,685.5	1,681.1	1,676.6	1,697.1	1,753.3	1,802.9	1,890.1	1,887.0	1,809.6	1,776.7	1,738.7
1972	-	1,691.5	1,672.2	1,679.4	1,675.6	1,689.6	1,767.1						
TOBACCO MANUFACTURES													
1970	82.9	82.2	80.0	76.4	74.0	73.6	74.2	74.8	93.8	95.6	94.4	88.9	87.0
1971	76.3	80.7	78.2	72.2	71.2	70.2	69.8	63.7	81.3	88.5	83.8	79.8	76.2
1972	-	72.6	70.7	69.3	67.9	66.5	66.8						
TEXTILE MILL PRODUCTS													
1970	975.9	997.2	990.7	989.0	986.3	978.8	983.0	959.5	973.0	971.4	962.5	960.4	959.3
1971	957.0	951.8	950.6	950.0	950.1	953.7	963.3	943.6	960.1	959.4	960.9	969.0	971.9
1972	-	967.8	971.9	980.4	980.9	984.8	1,001.6						
APPAREL AND OTHER TEXTILE PRODUCTS													
1970	1,364.6	1,378.8	1,393.5	1,391.3	1,368.7	1,355.8	1,380.4	1,326.2	1,367.8	1,365.1	1,353.9	1,352.5	1,341.1
1971	1,335.7	1,318.9	1,338.0	1,349.3	1,338.3	1,345.0	1,346.5	1,277.9	1,338.2	1,345.6	1,350.6	1,352.0	1,327.9
1972	-	1,308.4	1,336.8	1,343.0	1,336.8	1,332.4	1,345.1						
PAPER AND ALLIED PRODUCTS													
1970	705.5	713.1	710.8	711.2	710.3	703.8	715.7	705.1	707.3	703.2	692.7	697.1	695.3
1971	683.6	686.4	682.3	679.7	679.2	671.3	686.1	673.8	683.9	692.7	687.8	689.6	689.9
1972	-	680.2	680.1	683.0	687.1	691.9	706.3						
PRINTING AND PUBLISHING													
1970	1,101.6	1,108.1	1,110.5	1,112.8	1,109.4	1,100.4	1,102.1	1,099.7	1,097.8	1,095.6	1,095.0	1,093.4	1,094.3
1971	1,071.2	1,080.2	1,078.6	1,075.1	1,070.2	1,068.2	1,071.4	1,065.5	1,063.9	1,064.8	1,070.7	1,071.3	1,074.6
1972	-	1,068.6	1,070.8	1,074.7	1,075.1	1,074.8	1,079.7						
CHEMICALS AND ALLIED PRODUCT													
1970	1,049.0	1,055.9	1,057.7	1,060.3	1,058.7	1,052.2	1,056.9	1,058.0	1,056.3	1,045.4	1,036.0	1,027.9	1,023.1
1971	1,008.2	1,015.6	1,012.6	1,011.5	1,014.0	1,013.2	1,015.7	1,011.5	1,009.3	1,003.0	999.2	997.8	995.1
1972	-	989.8	990.8	994.7	996.5	998.5	1,009.4						
PETROLEUM AND COAL PRODUCTS													
1970	190.8	186.6	187.0	188.2	188.9	190.6	195.2	196.0	195.4	191.9	190.6	190.0	188.8
1971	190.6	187.9	187.1	187.8	188.8	190.7	193.6	194.6	194.1	192.7	191.3	189.8	189.3
1972	-	183.9	187.7	187.5	188.6	190.2	193.7						
RUBBER AND PLASTICS PRODUCTS, NEC													
1970	580.1	599.9	595.1	592.7	589.0	551.0	581.4	578.9	579.5	582.3	572.3	570.3	569.0
1971	580.9	560.3	564.7	570.1	571.7	576.6	584.0	576.2	583.3	594.7	596.4	596.0	596.5
1972	-	596.4	602.1	607.8	611.6	617.9	632.3						
LEATHER AND LEATHER PRODUCTS													
1970	320.4	331.8	329.3	325.8	322.7	322.1	328.3	319.3	320.6	313.5	311.5	311.0	308.5
1971	302.4	305.3	303.9	301.1	300.9	303.2	309.3	294.5	307.3	300.0	298.6	302.9	302.3
1972	-	300.4	303.6	302.5	302.0	307.1	314.7						
SERVICE-PRODUCING													
1970	47,242	46,461	46,587	46,899	47,216	47,366	47,573	47,006	46,755	47,182	47,623	47,862	48,369
1971	46,103	47,300	47,337	47,587	47,920	48,173	48,443	47,794	47,630	48,117	48,539	48,877	49,524
1972	-	48,500	48,624	49,009	49,366	49,728	50,062						
TRANSPORTATION AND PUBLIC UTILITIES													
1970	4,493	4,438	4,424	4,448	4,437	4,470	4,559	4,590	4,568	4,550	4,509	4,494	4,424
1971	4,442	4,401	4,415	4,425	4,431	4,461	4,509	4,491	4,445	4,469	4,415	4,407	4,432
1972	-	4,393	4,367	4,442	4,445	4,481	4,549						
WHOLESALE AND RETAIL TRADE													
1970	14,914	14,686	14,584	14,679	14,794	14,851	14,959	14,890	14,833	14,896	14,988	15,132	15,678
1971	15,142	14,829	14,682	14,751	14,938	15,037	15,160	15,100	15,122	15,213	15,300	15,509	16,061
1972	-	15,237	15,120	15,248	15,436	15,570	15,749						

A. EMPLOYEES ON NONAGRICULTURAL PAYROLLS, BY INDUSTRY, 1970 TO DATE—CONTINUED  
(IN THOUSANDS)

YEAR	ANNUAL AVERAGE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
<b>WHOLESALE TRADE</b>													
1970	3,812	3,780	3,768	3,776	3,776	3,782	3,834	3,865	3,847	3,828	3,834	3,829	3,829
1971	3,809	3,771	3,754	3,759	3,760	3,776	3,812	3,828	3,838	3,832	3,849	3,857	3,867
1972	-	3,822	3,817	3,844	3,851	3,875	3,946						
<b>RETAIL TRADE</b>													
1970	11,102	10,906	10,816	10,903	11,018	11,069	11,125	11,025	10,986	11,068	11,154	11,303	11,849
1971	11,333	11,058	10,928	10,992	11,178	11,261	11,348	11,272	11,284	11,381	11,451	11,652	12,194
1972	-	11,415	11,303	11,404	11,585	11,695	11,803						
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>													
1970	3,688	3,615	3,626	3,650	3,669	3,681	3,718	3,748	3,740	3,703	3,696	3,702	3,708
1971	3,796	3,704	3,710	3,729	3,753	3,776	3,833	3,864	3,861	3,825	3,823	3,832	3,836
1972	-	3,828	3,839	3,862	3,880	3,909	3,966						
<b>SERVICES</b>													
1970	11,612	11,293	11,399	11,478	11,602	11,689	11,758	11,723	11,657	11,661	11,709	11,699	11,674
1971	11,869	11,566	11,621	11,711	11,820	11,906	12,010	12,007	11,948	11,930	11,963	11,973	11,970
1972	-	11,864	11,967	12,066	12,218	12,338	12,487						
<b>GOVERNMENT</b>													
1970	12,535	12,429	12,554	12,644	12,714	12,675	12,579	12,055	11,957	12,372	12,721	12,835	12,885
1971	12,856	12,800	12,909	12,971	12,971	12,993	12,931	12,332	12,254	12,680	13,038	13,156	13,225
1972	-	13,178	13,331	13,391	13,387	13,430	13,311						
<b>FEDERAL GOVERNMENT</b>													
1970	2,705	2,690	2,694	2,758	2,838	2,765	2,710	2,706	2,675	2,649	2,643	2,648	2,693
1971	2,664	2,640	2,646	2,649	2,662	2,659	2,674	2,688	2,690	2,666	2,659	2,655	2,684
1972	-	2,654	2,656	2,656	2,664	2,662	2,659						
<b>STATE AND LOCAL GOVERNMENT</b>													
1970	9,830	9,739	9,860	9,886	9,876	9,910	9,869	9,355	9,282	9,723	10,078	10,187	10,192
1971	10,191	10,160	10,263	10,322	10,316	10,334	10,257	9,644	9,564	10,014	10,379	10,501	10,541
1972	-	10,524	10,675	10,735	10,723	10,768	10,652						

B. PRODUCTION OR NONSUPERVISORY WORKERS<sup>1</sup> ON PRIVATE NONAGRICULTURAL PAYROLLS, 1970 TO DATE  
(IN THOUSANDS)

<b>TOTAL PRIVATE</b>													
1970	47,934	47,394	47,337	47,673	47,870	47,926	48,575	48,298	48,320	48,325	47,750	47,611	48,126
1971	47,732	46,590	46,406	46,684	47,219	47,647	48,288	47,991	48,178	48,396	48,256	48,398	48,727
1972	-	47,387	47,349	47,881	48,431	48,979	49,862						
<b>MANUFACTURING</b>													
1970	14,020	14,396	14,337	14,377	14,228	14,040	14,222	13,934	14,068	14,177	13,532	13,354	13,575
1971	13,434	13,352	13,323	13,293	13,294	13,378	13,549	13,263	13,477	13,686	13,569	13,558	13,467
1972	-	13,325	13,413	13,521	13,578	13,676	13,960						
<b>DURABLE GOODS</b>													
1970	8,042	8,384	8,332	8,384	8,286	8,165	8,215	7,997	7,960	8,089	7,552	7,430	7,709
1971	7,598	7,603	7,574	7,541	7,555	7,613	7,692	7,499	7,504	7,679	7,642	7,653	7,622
1972	-	7,573	7,638	7,713	7,774	7,846	7,985						
<b>NONDURABLE GOODS</b>													
1970	5,978	6,012	6,005	5,993	5,942	5,875	6,007	5,937	6,108	6,088	5,980	5,924	5,866
1971	5,836	5,749	5,749	5,752	5,739	5,765	5,857	5,764	5,973	6,007	5,927	5,905	5,845
1972	-	5,752	5,775	5,808	5,804	5,830	5,975						

<sup>1</sup> DATA RELATE TO PRODUCTION WORKERS IN MINING AND MANUFACTURING, TO CONSTRUCTION WORKERS IN CONTRACT CONSTRUCTION, AND TO NONSUPERVISORY WORKERS IN TRANSPORTATION AND PUBLIC UTILITIES, WHOLESALE AND RETAIL TRADE, FINANCE, INSURANCE, AND REAL ESTATE, AND SERVICES.

C. EMPLOYEES ON NONAGRICULTURAL PAYROLLS, BY INDUSTRY, SEASONALLY ADJUSTED, 1967 TO DATE  
(IN THOUSANDS)

<b>TOTAL</b>													
1967	65,284	65,281	65,361	65,442	65,553	65,677	65,838	66,001	66,084	66,124	66,624	66,816	66,816
1968	66,687	67,090	67,206	67,431	67,534	67,754	67,946	68,186	68,353	68,563	68,827	69,106	69,106
1969	69,272	69,507	69,708	69,892	70,145	70,352	70,461	70,572	70,651	70,846	70,823	70,949	70,949
1970	70,875	71,007	71,081	71,007	70,730	70,574	70,612	70,472	70,499	70,065	69,968	70,274	70,274
1971	70,331	70,266	70,299	70,461	70,643	70,574	70,532	70,548	70,843	70,861	71,103	71,291	71,291
1972	71,552	71,744	72,011	72,246	72,592	72,699							
<b>TOTAL PRIVATE</b>													
1967	54,120	54,076	54,109	54,151	54,218	54,290	54,437	54,562	54,605	54,631	55,078	55,235	55,235
1968	55,044	55,411	55,501	55,690	55,766	55,950	56,104	56,306	56,442	56,615	56,867	57,076	57,076
1969	57,210	57,421	57,613	57,777	57,980	58,179	58,288	58,366	58,429	58,569	58,522	58,601	58,601
1970	58,523	58,624	58,620	58,449	58,198	58,093	58,086	57,930	57,931	57,441	57,297	57,591	57,591
1971	57,613	57,535	57,529	57,645	57,800	57,727	57,695	57,689	57,962	57,933	58,122	58,260	58,260
1972	58,459	58,599	58,830	59,028	59,318	59,475							
<b>GOODS-PRODUCING</b>													
1967	23,450	23,353	23,279	23,244	23,175	23,156	23,190	23,229	23,162	23,151	23,404	23,436	23,436
1968	23,291	23,499	23,503	23,610	23,638	23,649	23,682	23,727	23,769	23,790	23,893	24,001	24,001
1969	24,009	24,111	24,169	24,184	24,249	24,326	24,331	24,310	24,315	24,311	24,158	24,190	24,190
1970	23,994	24,001	23,985	23,803	23,534	23,434	23,356	23,225	23,160	22,605	22,457	22,762	22,762
1971	22,045	22,534	22,494	22,553	22,629	22,548	22,457	22,413	22,571	22,491	22,576	22,598	22,598
1972	22,689	22,719	22,811	22,888	23,031	23,081							

## ESTABLISHMENT DATA

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C. EMPLOYEES ON NONAGRICULTURAL PAYROLLS, BY INDUSTRY, SEASONALLY ADJUSTED, 1967 TO DATE--CONTINUED  
(IN THOUSANDS)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
<b>MINING</b>												
1967	627	625	624	622	620	619	621	605	602	599	599	598
1968	595	598	598	613	611	612	616	617	617	567	615	615
1969	616	618	615	614	615	614	620	622	624	624	624	626
1970	624	624	623	621	619	621	620	622	622	623	626	625
1971	625	623	622	623	622	621	599	612	618	521	524	611
1972	615	613	614	605	604	600						
<b>CONTRACT CONSTRUCTION</b>												
1967	3,241	3,187	3,170	3,189	3,182	3,174	3,224	3,223	3,223	3,214	3,236	3,237
1968	3,102	3,283	3,283	3,297	3,282	3,240	3,267	3,282	3,319	3,342	3,325	3,372
1969	3,383	3,406	3,414	3,412	3,444	3,458	3,439	3,421	3,449	3,444	3,456	3,485
1970	3,380	3,461	3,465	3,410	3,368	3,368	3,358	3,362	3,333	3,341	3,360	3,392
1971	3,330	3,303	3,353	3,392	3,405	3,407	3,405	3,408	3,436	3,475	3,518	3,468
1972	3,523	3,494	3,512	3,493	3,535	3,550						
<b>MANUFACTURING</b>												
1967	19,582	19,541	19,485	19,433	19,373	19,363	19,345	19,401	19,337	19,338	19,569	19,601
1968	19,594	19,618	19,622	19,700	19,745	19,797	19,799	19,828	19,833	19,881	19,953	20,014
1969	20,010	20,087	20,140	20,158	20,190	20,254	20,272	20,267	20,242	20,243	20,078	20,079
1970	19,990	19,916	19,897	19,772	19,547	19,445	19,378	19,241	19,205	18,641	18,471	18,745
1971	18,690	18,608	18,519	18,538	18,602	18,520	18,453	18,393	18,517	18,495	18,534	18,519
1972	18,551	18,612	18,685	18,790	18,892	18,931						
<b>DURABLE GOODS</b>												
1967	11,546	11,525	11,488	11,433	11,422	11,395	11,381	11,430	11,311	11,296	11,513	11,529
1968	11,555	11,538	11,532	11,593	11,615	11,624	11,636	11,636	11,632	11,661	11,728	11,773
1969	11,825	11,842	11,873	11,889	11,920	11,964	11,971	11,967	11,963	11,973	11,787	11,785
1970	11,690	11,627	11,634	11,536	11,391	11,285	11,219	11,129	11,110	10,602	10,442	10,726
1971	10,683	10,620	10,549	10,566	10,612	10,568	10,519	10,466	10,552	10,547	10,560	10,552
1972	10,575	10,621	10,673	10,755	10,837	10,857						
<b>ORDNANCE AND ACCESSORIES</b>												
1967	295	303	308	311	311	314	318	321	327	331	334	335
1968	336	336	336	338	336	339	343	344	341	327	340	342
1969	340	337	335	333	329	323	320	311	300	293	290	284
1970	275	271	264	255	249	244	236	232	228	221	216	211
1971	208	200	195	194	195	192	189	189	188	187	185	183
1972	183	182	182	185	186	188						
<b>LUMBER AND WOOD PRODUCTS</b>												
1967	601	599	598	598	594	597	595	594	595	596	598	597
1968	593	597	599	598	596	594	600	601	602	604	605	612
1969	612	613	614	609	614	612	607	606	602	595	597	599
1970	596	587	583	579	576	570	566	565	567	564	562	560
1971	563	565	566	568	571	577	582	586	592	596	601	601
1972	604	604	606	610	610	611						
<b>FURNITURE AND FIXTURES</b>												
1967	462	460	456	454	452	451	450	452	452	455	458	462
1968	464	465	466	468	469	472	474	474	475	475	479	479
1969	481	485	484	487	487	487	486	486	485	483	480	478
1970	476	472	471	467	456	453	455	454	457	454	452	450
1971	449	449	449	452	456	457	460	455	465	467	470	474
1972	477	481	483	486	488	490						
<b>STONE, CLAY, AND GLASS PRODUCTS</b>												
1967	635	632	630	626	625	626	626	626	624	626	631	635
1968	634	603	587	639	640	642	643	645	644	646	649	653
1969	655	656	656	654	653	657	657	657	657	658	659	658
1970	653	654	650	646	641	639	634	636	639	634	629	631
1971	629	628	627	632	637	634	632	634	637	637	639	638
1972	645	646	650	651	660	662						
<b>PRIMARY METAL INDUSTRIES</b>												
1967	1,371	1,358	1,348	1,326	1,322	1,316	1,304	1,303	1,296	1,296	1,312	1,314
1968	1,315	1,315	1,315	1,328	1,335	1,321	1,325	1,309	1,303	1,298	1,303	1,321
1969	1,327	1,335	1,336	1,336	1,348	1,359	1,360	1,371	1,389	1,394	1,388	1,387
1970	1,367	1,356	1,341	1,329	1,321	1,315	1,308	1,308	1,330	1,286	1,259	1,266
1971	1,265	1,264	1,260	1,265	1,274	1,260	1,223	1,161	1,192	1,191	1,187	1,184
1972	1,192	1,190	1,209	1,215	1,228	1,222						
<b>FABRICATED METAL PRODUCTS</b>												
1967	1,374	1,370	1,364	1,361	1,362	1,366	1,364	1,364	1,366	1,345	1,366	1,374
1968	1,375	1,373	1,378	1,380	1,383	1,390	1,390	1,387	1,390	1,406	1,414	1,418
1969	1,428	1,433	1,437	1,439	1,443	1,444	1,445	1,447	1,447	1,440	1,440	1,441
1970	1,434	1,425	1,418	1,409	1,391	1,384	1,380	1,379	1,385	1,324	1,305	1,333
1971	1,328	1,327	1,307	1,327	1,332	1,328	1,329	1,327	1,338	1,334	1,334	1,329
1972	1,335	1,341	1,347	1,360	1,370	1,373						

C. EMPLOYEES ON NONAGRICULTURAL PAYROLLS, BY INDUSTRY, SEASONALLY ADJUSTED, 1967 TO DATE--CONTINUED  
(IN THOUSANDS)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
<b>DURABLE GOODS--CONTINUED</b>												
<b>MACHINERY, EXC. ELECTRICAL</b>												
1967	1,981	1,978	1,977	1,976	1,973	1,971	1,971	1,978	1,969	1,933	1,977	1,949
1968	1,964	1,958	1,962	1,954	1,958	1,962	1,955	1,964	1,965	1,973	1,992	1,985
1969	1,997	2,008	2,008	2,020	2,024	2,038	2,038	2,037	2,048	2,061	2,054	2,060
1970	2,057	2,061	2,059	2,048	2,023	2,003	1,989	1,962	1,941	1,900	1,875	1,864
1971	1,841	1,823	1,811	1,800	1,796	1,786	1,787	1,793	1,805	1,804	1,808	1,809
1972	1,803	1,815	1,814	1,824	1,848	1,858						
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>												
1967	1,991	1,990	1,981	1,958	1,947	1,913	1,935	1,951	1,935	1,956	1,973	1,980
1968	1,979	1,980	1,977	1,971	1,975	1,971	1,973	1,967	1,967	1,974	1,978	1,988
1969	1,999	2,006	2,009	2,022	2,033	2,039	2,049	2,052	2,052	2,073	1,953	1,954
1970	1,946	2,010	2,005	1,987	1,959	1,938	1,931	1,901	1,883	1,845	1,798	1,804
1971	1,788	1,776	1,768	1,766	1,770	1,761	1,751	1,754	1,765	1,773	1,773	1,779
1972	1,778	1,786	1,795	1,805	1,818	1,830						
<b>TRANSPORTATION EQUIPMENT</b>												
1967	1,955	1,955	1,949	1,943	1,958	1,963	1,939	1,963	1,888	1,880	1,982	2,001
1968	2,009	2,023	2,023	2,031	2,036	2,042	2,039	2,045	2,048	2,054	2,058	2,062
1969	2,075	2,059	2,077	2,069	2,069	2,084	2,087	2,079	2,069	2,057	2,011	2,000
1970	1,972	1,879	1,935	1,913	1,878	1,851	1,837	1,814	1,806	1,509	1,487	1,751
1971	1,758	1,741	1,723	1,721	1,737	1,729	1,721	1,722	1,720	1,708	1,713	1,705
1972	1,699	1,712	1,720	1,747	1,754	1,740						
<b>INSTRUMENTS AND RELATED PRODUCTS</b>												
1967	447	447	447	449	448	450	451	452	453	453	456	457
1968	459	458	458	458	457	459	458	464	465	467	470	471
1969	472	474	471	478	479	479	478	480	476	477	476	476
1970	474	473	472	471	468	462	460	456	454	449	445	442
1971	442	437	435	432	434	435	436	436	439	441	441	438
1972	442	443	444	447	452	457						
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>												
1967	434	433	430	431	430	428	428	426	426	425	426	425
1968	427	430	431	428	430	432	436	436	432	437	440	442
1969	439	436	440	442	441	442	444	441	438	442	439	448
1970	440	439	436	432	429	426	423	422	420	416	414	414
1971	412	410	408	409	410	409	409	409	411	409	409	412
1972	417	421	423	425	423	426						
<b>NONDURABLE GOODS</b>												
1967	8,036	8,016	7,997	8,000	7,951	7,968	7,964	7,971	8,026	8,042	8,056	8,072
1968	8,039	8,080	8,090	8,107	8,130	8,173	8,163	8,192	8,201	8,220	8,225	8,241
1969	8,185	8,245	8,267	8,269	8,270	8,290	8,301	8,300	8,279	8,270	8,291	8,294
1970	8,300	8,289	8,263	8,236	8,156	8,160	8,159	8,112	8,095	8,039	8,029	8,019
1971	8,007	7,988	7,970	7,972	7,990	7,952	7,934	7,927	7,965	7,948	7,974	7,967
1972	7,976	7,991	8,012	8,035	8,055	8,074						
<b>FOOD AND KINDRED PRODUCTS</b>												
1967	1,788	1,788	1,789	1,790	1,793	1,797	1,790	1,749	1,793	1,791	1,786	1,785
1968	1,774	1,768	1,771	1,782	1,777	1,793	1,780	1,783	1,787	1,787	1,781	1,790
1969	1,787	1,794	1,790	1,793	1,790	1,789	1,790	1,797	1,794	1,777	1,797	1,792
1970	1,799	1,809	1,803	1,792	1,790	1,787	1,776	1,776	1,769	1,761	1,768	1,767
1971	1,768	1,767	1,760	1,757	1,762	1,757	1,766	1,757	1,762	1,737	1,756	1,755
1972	1,758	1,751	1,759	1,756	1,755	1,771						
<b>TOBACCO MANUFACTURES</b>												
1967	90	86	85	86	86	86	87	83	82	86	90	91
1968	83	85	86	80	85	85	85	87	86	85	84	84
1969	85	83	83	81	81	82	82	86	85	83	82	81
1970	83	83	83	84	84	84	84	85	81	82	82	83
1971	81	81	79	80	80	79	72	73	75	73	74	72
1972	73	73	76	77	76	75						
<b>TEXTILE MILL PRODUCTS</b>												
1967	965	956	956	952	950	953	950	956	961	966	967	971
1968	970	964	964	966	991	997	999	1,002	1,002	1,003	1,005	1,004
1969	1,003	1,006	1,005	1,003	1,001	1,005	1,007	999	999	1,000	1,000	1,002
1970	1,002	995	991	989	983	972	970	968	969	961	957	956
1971	957	954	952	953	957	953	954	955	957	960	965	969
1972	973	976	981	984	988	991						
<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>												
1967	1,417	1,412	1,395	1,396	1,396	1,391	1,393	1,395	1,390	1,393	1,397	1,397
1968	1,384	1,400	1,399	1,402	1,405	1,413	1,409	1,409	1,412	1,415	1,411	1,410
1969	1,411	1,407	1,414	1,417	1,416	1,416	1,415	1,409	1,404	1,402	1,398	1,401
1970	1,398	1,391	1,382	1,377	1,357	1,365	1,374	1,356	1,353	1,339	1,342	1,344
1971	1,339	1,337	1,340	1,345	1,346	1,331	1,326	1,328	1,332	1,336	1,341	1,331
1972	1,328	1,336	1,334	1,344	1,334	1,329						

**ESTABLISHMENT DATA**

**C. EMPLOYEES ON NONAGRICULTURAL PAYROLLS, BY INDUSTRY, SEASONALLY ADJUSTED, 1967 TO DATE--CONTINUED  
(IN THOUSANDS)**

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
<b>NONDURABLE GOODS--CONTINUED</b>												
<b>PAPER AND ALLIED PRODUCTS</b>												
1967	676	677	679	676	676	681	682	681	680	679	679	682
1968	682	683	683	685	689	690	691	695	695	698	701	702
1969	704	708	708	704	711	712	713	714	713	715	715	717
1970	717	716	716	715	712	708	703	700	700	694	694	691
1971	691	687	685	683	679	679	673	677	690	689	686	686
1972	684	685	687	691	700	699						
<b>PRINTING AND PUBLISHING</b>												
1967	1,038	1,040	1,044	1,046	1,048	1,051	1,050	1,051	1,051	1,050	1,051	1,054
1968	1,052	1,054	1,057	1,059	1,063	1,065	1,067	1,071	1,068	1,072	1,076	1,079
1969	1,079	1,082	1,084	1,085	1,083	1,091	1,094	1,098	1,102	1,106	1,110	1,110
1970	1,111	1,112	1,112	1,111	1,106	1,101	1,102	1,099	1,098	1,093	1,089	1,087
1971	1,084	1,080	1,074	1,071	1,074	1,070	1,068	1,065	1,067	1,069	1,067	1,068
1972	1,072	1,072	1,074	1,076	1,080	1,079						
<b>CHEMICALS AND ALLIED PRODUCTS</b>												
1967	992	993	993	999	998	998	1,000	1,002	1,005	1,010	1,012	1,016
1968	1,016	1,019	1,020	1,020	1,023	1,025	1,029	1,034	1,037	1,040	1,046	1,048
1969	1,049	1,054	1,057	1,057	1,059	1,064	1,066	1,064	1,061	1,060	1,063	1,064
1970	1,064	1,064	1,062	1,058	1,055	1,050	1,049	1,045	1,044	1,039	1,032	1,027
1971	1,024	1,019	1,014	1,013	1,016	1,008	1,003	999	1,002	1,002	1,001	999
1972	998	997	997	996	1,002	1,001						
<b>PETROLEUM AND COAL PRODUCTS</b>												
1967	182	183	181	182	182	183	182	183	185	185	185	185
1968	186	187	187	186	186	187	187	187	187	187	188	188
1969	128	170	186	189	188	188	189	189	189	190	190	190
1970	191	192	192	191	191	191	190	190	190	190	190	191
1971	193	192	191	191	191	189	189	189	190	190	190	191
1972	189	193	191	191	190	190						192
<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>												
1967	530	525	523	522	474	480	481	524	531	532	537	538
1968	540	546	547	551	555	561	561	569	571	577	577	583
1969	586	590	591	593	594	599	598	601	598	601	602	602
1970	603	598	595	593	554	579	585	578	577	568	566	566
1971	564	567	572	575	580	582	582	582	589	592	593	594
1972	600	605	609	615	621	630						
<b>LEATHER AND LEATHER PRODUCTS</b>												
1967	358	356	352	351	348	348	349	347	348	350	352	353
1968	352	354	356	356	356	357	355	355	356	356	356	353
1969	353	351	349	347	347	347	343	343	334	336	334	335
1970	332	329	327	326	324	323	326	315	314	312	309	307
1971	306	304	303	304	305	304	301	302	301	300	301	301
1972	301	303	304	305	309	309						
<b>SERVICE-PRODUCING</b>												
1967	41,834	41,928	42,082	42,198	42,378	42,521	42,648	42,772	42,922	42,973	43,220	43,380
1968	43,396	43,591	43,703	43,821	43,896	44,105	44,264	44,459	44,584	44,773	44,934	45,105
1969	45,263	45,396	45,539	45,708	45,896	46,026	46,130	46,262	46,336	46,535	46,665	46,759
1970	46,881	47,006	47,096	47,204	47,196	47,140	47,256	47,247	47,339	47,460	47,511	47,512
1971	47,686	47,732	47,805	47,908	48,014	48,026	48,075	48,135	48,272	48,370	48,527	48,693
1972	48,863	49,025	49,200	49,358	49,561	49,618						
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>												
1967	4,247	4,249	4,251	4,216	4,272	4,265	4,278	4,268	4,264	4,260	4,285	4,284
1968	4,280	4,297	4,299	4,298	4,243	4,289	4,302	4,318	4,329	4,342	4,352	4,360
1969	4,353	4,364	4,375	4,413	4,420	4,442	4,447	4,453	4,457	4,469	4,474	4,474
1970	4,506	4,496	4,497	4,473	4,479	4,505	4,531	4,514	4,505	4,500	4,485	4,420
1971	4,468	4,487	4,470	4,467	4,470	4,451	4,433	4,397	4,420	4,406	4,403	4,432
1972	4,455	4,438	4,487	4,481	4,490	4,491						
<b>WHOLESALE AND RETAIL TRADE</b>												
1967	13,451	13,447	13,481	13,517	13,543	13,570	13,612	13,642	13,687	13,695	13,781	13,841
1968	13,776	13,844	13,904	13,951	14,002	14,059	14,111	14,174	14,226	14,269	14,312	14,338
1969	14,390	14,422	14,458	14,511	14,590	14,649	14,684	14,721	14,729	14,791	14,852	14,844
1970	14,871	14,919	14,907	14,903	14,915	14,896	14,915	14,895	14,921	14,943	14,916	14,938
1971	14,993	15,008	15,019	15,053	15,098	15,096	15,137	15,186	15,232	15,250	15,299	15,333
1972	15,379	15,456	15,508	15,561	15,632	15,682						
<b>WHOLESALE TRADE</b>												
1967	3,501	3,498	3,509	3,516	3,517	3,518	3,520	3,541	3,537	3,535	3,551	3,548
1968	3,548	3,566	3,571	3,584	3,593	3,612	3,620	3,629	3,636	3,646	3,660	3,668
1969	3,679	3,687	3,694	3,704	3,718	3,737	3,741	3,748	3,753	3,767	3,778	3,792
1970	3,810	3,814	3,818	3,818	3,824	3,815	3,823	3,809	3,809	3,811	3,802	3,802
1971	3,801	3,800	3,801	3,802	3,814	3,793	3,786	3,800	3,817	3,822	3,830	3,840
1972	3,849	3,863	3,883	3,894	3,914	3,926						

C. EMPLOYEES ON NONAGRICULTURAL PAYROLLS, BY INDUSTRY, SEASONALLY ADJUSTED, 1967 TO DATE--CONTINUED  
(IN THOUSANDS)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
<b>RETAIL TRADE</b>												
1967	9,950	9,949	9,972	10,001	10,026	10,052	10,092	10,101	10,150	10,160	10,230	10,293
1968	10,228	10,278	10,333	10,367	10,409	10,447	10,491	10,545	10,590	10,623	10,652	10,670
1969	10,711	10,735	10,764	10,807	10,872	10,912	10,943	10,973	10,976	11,024	11,074	11,052
1970	11,061	11,105	11,089	11,085	11,091	11,081	11,092	11,086	11,112	11,132	11,114	11,136
1971	11,192	11,206	11,218	11,251	11,284	11,303	11,351	11,386	11,415	11,428	11,469	11,493
1972	11,530	11,593	11,625	11,667	11,718	11,756						
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>												
1967	3,143	3,159	3,172	3,187	3,202	3,222	3,231	3,252	3,264	3,275	3,288	3,304
1968	3,310	3,327	3,336	3,347	3,354	3,360	3,375	3,402	3,415	3,436	3,451	3,463
1969	3,483	3,500	3,519	3,529	3,541	3,559	3,575	3,593	3,599	3,608	3,623	3,637
1970	3,652	3,659	3,672	3,680	3,685	3,685	3,689	3,685	3,696	3,707	3,717	3,727
1971	3,741	3,744	3,752	3,764	3,780	3,799	3,803	3,804	3,821	3,835	3,847	3,855
1972	3,867	3,874	3,885	3,892	3,913	3,931						
<b>SERVICES</b>												
1967	9,829	9,868	9,926	9,987	10,026	10,077	10,126	10,171	10,228	10,250	10,320	10,370
1968	10,387	10,444	10,459	10,484	10,529	10,593	10,634	10,685	10,703	10,778	10,859	10,914
1969	10,975	11,024	11,101	11,140	11,180	11,203	11,251	11,289	11,329	11,390	11,415	11,456
1970	11,500	11,549	11,559	11,590	11,585	11,573	11,595	11,611	11,649	11,686	11,722	11,744
1971	11,766	11,762	11,794	11,808	11,823	11,833	11,865	11,889	11,918	11,951	11,997	12,042
1972	12,069	12,112	12,139	12,206	12,252	12,290						
<b>GOVERNMENT</b>												
1967	11,164	11,205	11,252	11,291	11,335	11,387	11,401	11,439	11,479	11,493	11,546	11,581
1968	11,643	11,679	11,705	11,741	11,768	11,804	11,842	11,880	11,911	11,948	11,960	12,030
1969	12,062	12,086	12,095	12,115	12,165	12,173	12,173	12,206	12,222	12,277	12,301	12,348
1970	12,352	12,383	12,461	12,558	12,532	12,481	12,526	12,542	12,568	12,624	12,671	12,683
1971	12,718	12,731	12,770	12,816	12,843	12,847	12,837	12,859	12,881	12,928	12,981	13,031
1972	13,093	13,145	13,181	13,218	13,274	13,224						
<b>FEDERAL</b>												
1967	2,667	2,676	2,685	2,688	2,697	2,700	2,707	2,715	2,718	2,721	2,722	2,719
1968	2,719	2,716	2,712	2,715	2,713	2,718	2,723	2,713	2,708	2,707	2,722	2,736
1969	2,757	2,758	2,751	2,750	2,745	2,743	2,731	2,733	2,736	2,731	2,724	2,731
1970	2,709	2,707	2,769	2,838	2,768	2,681	2,658	2,646	2,657	2,656	2,664	2,661
1971	2,659	2,659	2,660	2,662	2,662	2,661	2,664	2,663	2,663	2,662	2,666	2,666
1972	2,673	2,669	2,667	2,664	2,665	2,646						
<b>STATE AND LOCAL</b>												
1967	8,497	8,529	8,567	8,603	8,638	8,687	8,694	8,724	8,761	8,772	8,824	8,862
1968	8,924	8,963	8,993	9,026	9,055	9,086	9,119	9,167	9,203	9,241	9,238	9,294
1969	9,305	9,328	9,344	9,365	9,420	9,430	9,442	9,473	9,486	9,546	9,577	9,617
1970	9,643	9,676	9,692	9,720	9,764	9,800	9,868	9,896	9,911	9,968	10,007	10,022
1971	10,059	10,072	10,110	10,154	10,181	10,186	10,173	10,196	10,218	10,266	10,315	10,365
1972	10,420	10,476	10,514	10,554	10,609	10,578						

D. PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1967 TO DATE  
(IN THOUSANDS)

<b>TOTAL PRIVATE</b>												
1967	44,999	44,909	44,891	44,905	44,975	45,016	45,143	45,239	45,256	45,266	45,675	45,731
1968	45,591	45,944	46,019	46,218	46,227	46,378	46,479	46,630	46,732	46,918	47,146	47,318
1969	47,436	47,620	47,753	47,883	48,009	48,188	48,266	48,304	48,341	48,473	48,414	48,471
1970	48,349	48,419	48,492	48,306	48,057	47,985	47,963	47,817	47,831	47,352	47,224	47,526
1971	47,525	47,466	47,482	47,622	47,792	47,701	47,641	47,639	47,900	47,841	48,021	48,141
1972	48,332	48,443	48,677	48,845	49,124	49,245						
<b>GOODS-PRODUCING</b>												
1967	17,746	17,624	17,536	17,483	17,419	17,373	17,412	17,435	17,335	17,346	17,567	17,578
1968	17,422	17,607	17,614	17,723	17,738	17,728	17,746	17,767	17,796	17,836	17,907	17,999
1969	18,012	18,089	18,127	18,121	18,160	18,221	18,206	18,169	18,171	18,167	18,034	18,048
1970	17,861	17,852	17,864	17,700	17,448	17,384	17,331	17,230	17,187	16,642	16,526	16,855
1971	16,746	16,655	16,640	16,727	16,808	16,734	16,655	16,625	16,777	16,686	16,766	16,780
1972	16,881	16,889	16,986	17,049	17,183	17,231						
<b>MINING</b>												
1967	485	481	480	478	477	475	477	461	457	455	454	454
1968	451	454	453	467	466	466	469	469	469	425	468	468
1969	469	471	467	467	466	466	473	476	476	475	475	476
1970	475	475	474	472	470	471	469	471	472	473	474	475
1971	474	471	471	472	473	470	448	463	468	372	374	460
1972	465	464	466	456	457	451						
<b>CONTRACT CONSTRUCTION</b>												
1967	2,745	2,689	2,673	2,687	2,685	2,671	2,719	2,721	2,722	2,715	2,732	2,730
1968	2,594	2,768	2,770	2,786	2,769	2,729	2,757	2,765	2,796	2,818	2,800	2,845
1969	2,856	2,875	2,882	2,874	2,908	2,920	2,899	2,878	2,906	2,898	2,912	2,934
1970	2,834	2,903	2,910	2,857	2,809	2,808	2,794	2,798	2,770	2,778	2,793	2,827
1971	2,763	2,727	2,783	2,824	2,836	2,827	2,825	2,829	2,855	2,888	2,924	2,867
1972	2,924	2,881	2,904	2,882	2,928	2,934						

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SEE FOOTNOTE 1, TABLE B.



## ESTABLISHMENT DATA

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D. PRODUCTION OR NONSUPERVISORY WORKERS<sup>1</sup> ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1967 TO DATE--CONTINUED  
(IN THOUSANDS)

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
<b>MANUFACTURING</b>												
1967	14,516	14,454	14,383	14,318	14,257	14,227	14,216	14,253	14,156	14,176	14,381	14,394
1968	14,377	14,385	14,391	14,470	14,503	14,533	14,520	14,533	14,531	14,593	14,639	14,686
1969	14,687	14,743	14,778	14,780	14,786	14,835	14,834	14,815	14,789	14,794	14,647	14,638
1970	14,552	14,474	14,480	14,371	14,169	14,105	14,068	13,961	13,945	13,391	13,259	13,553
1971	13,509	13,457	13,386	13,431	13,499	13,437	13,382	13,333	13,454	13,426	13,468	13,453
1972	13,492	13,544	13,616	13,711	13,798	13,846						
<b>DURABLE GOODS</b>												
1967	8,523	8,485	8,437	8,374	8,363	8,326	8,319	8,353	8,204	8,208	8,400	8,402
1968	8,415	8,391	8,387	8,450	8,459	8,457	8,458	8,449	8,441	8,484	8,530	8,567
1969	8,613	8,630	8,650	8,655	8,660	8,702	8,700	8,684	8,682	8,698	8,533	8,529
1970	8,434	8,372	8,401	8,320	8,197	8,123	8,084	8,023	8,016	7,519	7,391	7,687
1971	7,637	7,614	7,555	7,588	7,642	7,608	7,573	7,526	7,606	7,600	7,616	7,608
1972	7,637	7,680	7,729	7,805	7,876	7,899						
<b>NONDURABLE GOODS</b>												
1967	5,993	5,969	5,946	5,944	5,894	5,901	5,897	5,900	5,952	5,968	5,981	5,992
1968	5,962	5,994	6,004	6,020	6,044	6,076	6,062	6,084	6,090	6,109	6,109	6,119
1969	6,074	6,113	6,128	6,125	6,126	6,133	6,134	6,131	6,107	6,096	6,114	6,109
1970	6,118	6,102	6,079	6,051	5,972	5,982	5,984	5,938	5,929	5,872	5,868	5,866
1971	5,852	5,843	5,831	5,843	5,857	5,829	5,809	5,807	5,848	5,826	5,852	5,845
1972	5,855	5,864	5,887	5,906	5,922	5,947						
<b>SERVICE-PRODUCING</b>												
1967	27,253	27,285	27,355	27,422	27,556	27,643	27,731	27,804	27,921	27,920	28,108	28,153
1968	28,169	28,337	28,405	28,495	28,489	28,650	28,733	28,863	28,936	29,082	29,239	29,319
1969	29,424	29,531	29,626	29,762	29,849	29,967	30,060	30,135	30,170	30,306	30,380	30,423
1970	30,488	30,567	30,628	30,606	30,609	30,601	30,632	30,587	30,644	30,710	30,698	30,671
1971	30,779	30,811	30,842	30,895	30,984	30,967	30,986	31,014	31,123	31,155	31,255	31,361
1972	31,451	31,554	31,691	31,796	31,941	32,014						
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>												
1967	3,709	3,704	3,706	3,668	3,723	3,718	3,729	3,714	3,711	3,704	3,731	3,725
1968	3,726	3,741	3,741	3,741	3,686	3,728	3,743	3,752	3,767	3,775	3,788	3,793
1969	3,781	3,767	3,804	3,835	3,843	3,860	3,872	3,874	3,883	3,889	3,896	3,892
1970	3,922	3,909	3,908	3,874	3,882	3,909	3,931	3,914	3,903	3,900	3,886	3,820
1971	3,870	3,886	3,872	3,866	3,876	3,855	3,835	3,795	3,824	3,809	3,807	3,830
1972	3,857	3,835	3,881	3,875	3,886	3,879						
<b>WHOLESALE AND RETAIL TRADE</b>												
1967	12,002	11,991	12,008	12,041	12,072	12,104	12,131	12,159	12,201	12,187	12,268	12,259
1968	12,242	12,331	12,359	12,427	12,446	12,497	12,531	12,595	12,635	12,694	12,748	12,776
1969	12,816	12,853	12,876	12,938	12,986	13,049	13,068	13,101	13,108	13,168	13,219	13,219
1970	13,218	13,266	13,296	13,291	13,278	13,257	13,261	13,236	13,257	13,285	13,245	13,266
1971	13,301	13,317	13,348	13,372	13,415	13,400	13,421	13,472	13,514	13,519	13,563	13,600
1972	13,634	13,714	13,769	13,825	13,894	13,924						
<b>WHOLESALE TRADE</b>												
1967	2,959	2,957	2,965	2,969	2,964	2,966	2,965	2,986	2,976	2,968	2,988	2,981
1968	2,977	2,996	2,996	3,011	3,019	3,038	3,046	3,052	3,060	3,068	3,083	3,084
1969	3,099	3,100	3,104	3,114	3,129	3,144	3,143	3,153	3,157	3,164	3,170	3,189
1970	3,203	3,209	3,214	3,212	3,217	3,206	3,209	3,198	3,199	3,200	3,186	3,185
1971	3,180	3,174	3,180	3,178	3,189	3,164	3,157	3,171	3,182	3,189	3,195	3,202
1972	3,214	3,225	3,249	3,259	3,279	3,286						
<b>RETAIL TRADE</b>												
1967	9,043	9,034	9,043	9,072	9,108	9,138	9,166	9,173	9,225	9,219	9,280	9,278
1968	9,265	9,335	9,363	9,416	9,427	9,459	9,485	9,543	9,575	9,626	9,665	9,692
1969	9,717	9,753	9,772	9,824	9,857	9,905	9,925	9,948	9,951	10,004	10,049	10,030
1970	10,015	10,057	10,082	10,079	10,061	10,051	10,052	10,038	10,058	10,085	10,059	10,061
1971	10,121	10,143	10,168	10,194	10,226	10,236	10,264	10,301	10,332	10,330	10,368	10,398
1972	10,420	10,489	10,520	10,566	10,615	10,638						
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>												
1967	2,503	2,516	2,525	2,538	2,548	2,560	2,570	2,589	2,598	2,606	2,615	2,627
1968	2,630	2,644	2,650	2,657	2,666	2,668	2,683	2,703	2,715	2,729	2,745	2,753
1969	2,771	2,788	2,798	2,809	2,818	2,832	2,847	2,860	2,858	2,870	2,878	2,892
1970	2,905	2,905	2,915	2,917	2,919	2,921	2,918	2,909	2,920	2,922	2,930	2,934
1971	2,941	2,944	2,952	2,964	2,976	2,990	2,989	2,988	3,003	3,012	3,023	3,025
1972	3,032	3,037	3,047	3,049	3,065	3,077						
<b>SERVICES</b>												
1967	9,039	9,074	9,116	9,175	9,213	9,261	9,301	9,342	9,411	9,423	9,494	9,542
1968	9,571	9,621	9,655	9,670	9,691	9,757	9,776	9,813	9,819	9,884	9,958	9,997
1969	10,056	10,103	10,148	10,180	10,202	10,226	10,273	10,300	10,321	10,379	10,387	10,420
1970	10,443	10,487	10,509	10,524	10,530	10,514	10,522	10,528	10,564	10,603	10,637	10,651
1971	10,667	10,664	10,670	10,693	10,717	10,722	10,741	10,759	10,782	10,815	10,862	10,906
1972	10,928	10,968	10,994	11,047	11,096	11,134						

<sup>1</sup> SEE FOOTNOTE 1, TABLE B.

E. HOURS AND EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS<sup>1</sup> ON PRIVATE NONAGRICULTURAL PAYROLLS, 1970 TO DATE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.	
TOTAL PRIVATE													
					AVERAGE WEEKLY EARNINGS—IN DOLLARS								
1970	119.46	116.12	116.55	117.24	116.97	118.03	120.05	121.45	122.20	121.36	121.03	121.07	122.43
1971	126.91	121.88	122.61	123.65	124.05	125.86	127.94	128.31	129.03	129.50	129.50	129.13	131.30
1972	-	130.29	131.01	132.10	133.57	133.58	135.76						
					AVERAGE HOURLY EARNINGS—IN DOLLARS								
1970	3.22	3.13	3.15	3.16	3.17	3.19	3.21	3.23	3.25	3.28	3.28	3.29	3.30
1971	3.43	3.33	3.35	3.36	3.38	3.42	3.43	3.44	3.45	3.50	3.50	3.49	3.52
1972	-	3.55	3.56	3.58	3.61	3.62	3.63						
					AVERAGE WEEKLY HOURS								
1970	37.1	37.1	37.0	37.1	36.9	37.0	37.4	37.6	37.6	37.0	36.9	36.8	37.1
1971	37.0	36.6	36.6	36.8	36.7	36.8	37.3	37.3	37.4	37.0	37.0	37.0	37.3
1972	-	36.7	36.8	36.9	37.0	36.9	37.4						
MANUFACTURING													
					AVERAGE WEEKLY EARNINGS—IN DOLLARS								
1970	133.73	131.60	130.94	132.40	131.80	132.93	134.74	134.46	133.73	135.43	133.45	134.58	138.40
1971	142.04	138.20	138.29	139.74	139.44	142.00	143.11	142.09	141.69	143.28	143.60	144.32	150.18
1972	-	147.26	149.17	150.72	152.28	153.09	155.01						
					AVERAGE HOURLY EARNINGS—IN DOLLARS								
1970	3.36	3.29	3.29	3.31	3.32	3.34	3.36	3.37	3.36	3.42	3.37	3.39	3.46
1971	3.54	3.49	3.51	3.52	3.53	3.55	3.56	3.57	3.56	3.60	3.59	3.59	3.69
1972	-	3.70	3.72	3.74	3.76	3.78	3.79						
					AVERAGE WEEKLY HOURS								
1970	39.8	40.0	39.8	40.0	39.7	39.8	40.1	39.9	39.8	39.6	39.6	39.7	40.0
1971	39.9	39.6	39.4	39.7	39.5	40.0	40.2	39.8	39.8	39.8	40.0	40.2	40.7
1972	-	39.8	40.1	40.3	40.5	40.5	40.9						
					AVERAGE WEEKLY OVERTIME HOURS								
1970	3.0	3.2	3.0	3.0	2.8	2.9	3.1	2.9	3.0	3.1	2.9	2.8	2.8
1971	2.9	2.7	2.7	2.7	2.7	2.8	3.0	2.9	3.0	3.1	3.1	3.1	3.2
1972	-	2.8	3.0	3.1	3.3	3.3	3.5						
DURABLE GOODS													
					AVERAGE WEEKLY EARNINGS—IN DOLLARS								
1970	143.07	141.69	140.24	142.51	141.10	142.66	144.89	143.87	143.92	145.16	142.76	143.16	149.04
1971	153.12	148.77	148.83	150.72	150.00	152.69	154.63	151.58	151.20	152.80	154.71	155.47	162.29
1972	-	158.78	161.17	163.18	165.21	165.62	167.65						
					AVERAGE HOURLY EARNINGS—IN DOLLARS								
1970	3.55	3.49	3.48	3.51	3.51	3.54	3.56	3.57	3.58	3.62	3.56	3.57	3.68
1971	3.79	3.71	3.73	3.74	3.75	3.77	3.79	3.78	3.78	3.82	3.82	3.82	3.92
1972	-	3.94	3.96	3.98	4.01	4.02	4.03						
					AVERAGE WEEKLY HOURS								
1970	40.3	40.6	40.3	40.6	40.2	40.3	40.7	40.3	40.2	40.1	40.1	40.1	40.5
1971	40.4	40.1	39.9	40.3	40.0	40.5	40.8	40.1	40.0	40.0	40.5	40.7	41.4
1972	-	40.3	40.7	41.0	41.2	41.2	41.6						
					AVERAGE WEEKLY OVERTIME HOURS								
1970	3.0	3.3	3.0	3.1	2.8	2.9	3.2	2.9	2.9	3.0	2.8	2.6	2.7
1971	2.8	2.6	2.6	2.7	2.6	2.8	3.0	2.7	2.8	3.0	3.0	3.0	3.2
1972	-	2.8	3.0	3.2	3.4	3.4	3.6						
NONDURABLE GOODS													
					AVERAGE WEEKLY EARNINGS—IN DOLLARS								
1970	120.43	117.99	117.69	118.38	118.56	118.95	119.95	121.44	121.35	122.15	122.07	123.17	124.58
1971	128.12	124.09	123.84	124.87	125.65	127.01	128.77	129.63	129.17	130.75	129.63	130.28	134.13
1972	-	132.55	133.28	134.35	135.49	135.88	137.66						
					AVERAGE HOURLY EARNINGS—IN DOLLARS								
1970	3.08	3.01	3.01	3.02	3.04	3.05	3.06	3.09	3.08	3.14	3.13	3.15	3.17
1971	3.26	3.19	3.20	3.21	3.23	3.24	3.26	3.29	3.27	3.31	3.29	3.29	3.37
1972	-	3.39	3.40	3.41	3.43	3.44	3.45						
					AVERAGE WEEKLY HOURS								
1970	39.1	39.2	39.1	39.2	39.0	39.0	39.2	39.3	39.4	38.9	39.0	39.1	39.3
1971	39.3	38.9	38.7	38.9	38.9	39.2	39.5	39.4	39.5	39.5	39.4	39.6	39.8
1972	-	39.1	39.2	39.4	39.5	39.5	39.9						
					AVERAGE WEEKLY OVERTIME HOURS								
1970	3.0	3.1	3.0	3.0	2.8	2.9	3.0	2.9	3.1	3.1	3.0	2.9	2.9
1971	3.0	2.7	2.7	2.7	2.7	2.9	3.1	3.0	3.2	3.4	3.2	3.1	3.1
1972	-	2.9	3.0	3.1	3.2	3.1	3.4						

<sup>1</sup> SEE FOOTNOTE 1, TABLE B.

## ESTABLISHMENT DATA

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1  
 F. AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED,  
 1967 TO DATE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
<b>TOTAL PRIVATE</b>												
1967	38.4	38.0	38.0	37.9	37.9	37.9	38.0	38.0	38.1	37.9	38.1	37.8
1968	37.7	37.9	37.8	37.7	37.9	37.9	37.9	37.8	38.0	37.9	37.6	37.6
1969	37.7	37.5	37.7	37.8	37.8	37.7	37.7	37.6	37.7	37.6	37.5	37.5
1970	37.4	37.3	37.3	37.2	37.1	37.1	37.2	37.1	36.9	36.9	36.9	36.9
1971	36.9	36.9	37.0	37.0	36.9	37.0	36.9	36.9	36.9	37.0	37.1	37.1
1972	37.0	37.2	37.1	37.3	37.0	37.1	36.9	36.9	36.9	37.0	37.1	37.1
<b>MINING</b>												
1967	42.7	42.4	42.4	42.5	42.3	42.4	43.0	42.7	42.9	42.5	43.0	42.3
1968	41.7	42.3	42.4	42.5	42.8	42.9	43.1	43.0	43.1	41.2	42.7	43.1
1969	43.1	43.1	42.7	43.5	43.4	41.9	42.6	43.2	43.3	42.9	43.3	43.1
1970	42.6	43.2	42.9	43.1	42.6	42.5	42.5	42.4	42.3	42.6	42.6	42.8
1971	42.7	42.5	42.7	42.3	42.3	42.3	42.3	42.0	42.1	42.5	42.3	42.4
1972	42.7	42.5	42.8	42.4	42.3	42.6						
<b>CONTRACT CONSTRUCTION</b>												
1967	38.5	37.2	37.4	37.3	36.9	37.5	37.6	37.5	37.9	37.4	39.3	36.9
1968	36.2	37.5	36.8	37.6	37.5	37.6	37.5	37.6	37.7	37.7	36.1	37.5
1969	38.0	37.8	37.6	37.7	38.1	37.7	37.6	37.9	38.1	37.7	38.0	38.1
1970	37.0	38.1	37.9	38.1	38.0	37.5	37.4	37.3	35.1	37.0	37.2	37.9
1971	37.4	36.7	37.6	37.1	36.9	37.3	37.2	37.2	35.8	37.6	39.0	36.8
1972	37.1	37.3	37.2	36.7	36.7	36.9						
<b>MANUFACTURING</b>												
1967	41.0	40.3	40.4	40.5	40.4	40.4	40.5	40.7	40.8	40.7	40.7	40.7
1968	40.2	40.9	40.7	40.1	40.9	40.9	40.9	40.7	41.0	41.0	40.8	40.7
1969	40.7	40.3	40.8	40.8	40.7	40.7	40.6	40.6	40.8	40.6	40.5	40.6
1970	40.3	40.1	40.1	40.0	39.8	39.9	40.1	39.8	39.4	39.5	39.6	39.6
1971	39.9	39.7	39.8	39.8	40.0	40.0	40.0	39.8	39.6	39.9	40.1	40.2
1972	40.1	40.4	40.4	40.8	40.5	40.7						
<b>DURABLE GOODS</b>												
1967	41.7	41.0	41.0	41.0	41.1	41.0	41.1	41.2	41.3	41.2	41.1	41.3
1968	41.0	41.6	41.3	40.6	41.5	41.5	41.5	41.3	41.5	41.6	41.6	41.2
1969	41.3	41.2	41.4	41.4	41.3	41.3	41.2	41.3	41.4	41.2	41.1	41.2
1970	40.9	40.7	40.6	40.4	40.2	40.4	40.6	40.4	39.8	39.9	40.0	40.0
1971	40.4	40.3	40.3	40.2	40.4	40.5	40.4	40.2	39.7	40.4	40.6	40.9
1972	40.6	41.1	41.0	41.4	41.1	41.3						
<b>ORDNANCE AND ACCESSORIES</b>												
1967	42.0	41.6	41.6	41.5	41.9	40.9	41.8	41.8	42.3	41.7	41.8	41.7
1968	40.2	42.2	41.6	40.7	41.5	41.5	41.5	41.7	41.9	42.2	41.5	41.3
1969	40.1	40.2	40.5	40.6	40.5	40.7	40.3	40.4	40.5	40.3	40.4	40.5
1970	40.7	40.8	40.8	40.9	40.7	40.5	40.4	40.4	39.8	40.2	40.4	40.7
1971	41.6	41.2	41.7	41.4	41.5	41.6	41.9	41.8	41.8	41.7	41.9	41.9
1972	41.7	42.2	42.0	42.2	42.0	42.0						
<b>LUMBER AND WOOD PRODUCTS</b>												
1967	40.5	40.2	40.3	40.4	40.0	40.2	40.0	39.8	40.3	40.4	40.9	39.9
1968	38.8	41.1	40.3	40.2	40.4	40.8	40.8	40.9	41.1	40.8	40.4	40.9
1969	40.3	40.6	40.8	40.2	40.3	40.1	39.8	40.0	40.1	40.0	40.1	40.1
1970	39.8	40.0	39.5	39.8	39.8	39.6	39.7	39.8	39.6	39.3	39.7	39.7
1971	39.8	39.8	40.0	40.1	39.9	40.3	40.5	40.3	40.3	40.7	40.7	40.7
1972	40.9	40.8	40.9	41.1	41.0	41.2						
<b>FURNITURE AND FIXTURES</b>												
1967	40.8	40.4	40.1	40.1	39.9	40.2	40.4	40.3	40.6	40.4	40.5	40.7
1968	39.5	41.2	40.8	39.9	41.0	40.9	40.7	40.7	40.9	40.8	40.5	40.4
1969	40.6	40.4	40.8	40.8	40.8	40.6	40.1	40.3	40.2	40.0	39.9	39.9
1970	39.5	39.4	39.4	39.3	38.8	38.9	39.2	39.0	38.4	39.3	39.3	39.5
1971	39.5	39.5	39.6	39.5	39.8	39.9	40.1	39.9	39.5	39.8	40.0	40.0
1972	40.3	40.6	40.4	40.7	40.5	40.8						
<b>STONE, CLAY, AND GLASS PRODUCTS</b>												
1967	42.0	41.3	41.3	41.4	41.3	41.4	41.5	41.6	41.8	41.8	42.1	41.6
1968	40.9	41.8	41.5	41.8	41.9	42.0	41.9	41.9	42.1	42.3	41.7	41.9
1969	42.0	42.1	42.0	42.0	42.2	41.9	41.6	41.9	41.9	41.7	41.8	41.9
1970	41.7	41.5	41.5	41.5	41.2	41.0	41.1	41.0	40.9	41.0	41.1	41.3
1971	41.2	41.3	41.5	41.2	41.5	41.9	41.8	41.8	41.4	41.9	41.8	41.6
1972	41.9	42.0	42.0	42.0	41.8	42.0						
<b>PRIMARY METAL PRODUCTS</b>												
1967	41.8	41.0	40.8	40.4	40.7	40.7	40.8	41.0	41.1	41.3	41.6	41.7
1968	41.5	41.8	41.8	42.2	42.0	42.0	41.8	40.2	41.3	41.4	41.6	41.6
1969	41.8	41.7	41.9	41.9	41.7	41.7	41.6	41.8	42.1	42.2	41.8	41.7
1970	41.3	40.9	40.7	40.2	40.2	40.3	40.6	40.4	40.9	40.0	39.8	39.8
1971	40.4	40.5	40.6	40.9	40.9	40.9	40.7	38.8	39.5	40.3	40.4	40.9
1972	40.6	41.0	41.1	41.4	41.3	41.4						
<b>FABRICATED METAL PRODUCTS</b>												
1967	42.2	41.5	41.4	41.5	41.4	41.3	41.5	41.5	41.5	41.4	41.3	41.5
1968	41.4	41.5	41.5	40.6	41.8	41.8	41.8	41.7	42.0	42.1	42.2	41.7
1969	41.8	41.3	41.8	41.8	41.6	41.7	41.6	41.6	41.6	41.5	41.5	41.5
1970	41.4	41.1	41.2	41.1	40.7	40.9	41.3	40.6	40.0	40.2	40.2	40.2
1971	40.6	40.3	40.3	40.2	40.6	40.5	40.7	40.3	39.6	40.2	40.5	40.9
1972	40.6	41.0	40.9	41.4	41.1	41.2						

1  
 SEE FOOTNOTE 1, TABLE B.

1  
F. AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS<sup>1</sup> ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED,  
1967 TO DATE--CONTINUED

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
<b>MACHINERY, EXCEPT ELECTRICAL</b>												
1967	43.5	43.0	42.8	42.8	42.5	42.2	42.4	42.4	42.4	42.2	42.3	42.3
1968	41.9	42.3	42.0	41.1	42.2	42.1	42.2	42.0	42.3	42.3	42.3	42.1
1969	42.4	42.3	42.7	42.7	42.6	42.5	42.3	42.5	42.7	42.4	42.2	42.5
1970	42.2	41.9	41.8	41.5	41.1	41.2	41.1	40.8	40.2	40.4	40.6	40.3
1971	40.3	40.2	40.2	40.2	40.5	40.6	40.7	40.8	40.6	40.8	41.1	41.2
1972	41.0	41.4	41.4	41.9	41.8	42.1						
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>												
1967	40.5	40.0	39.9	39.8	40.0	40.0	40.4	40.2	40.2	40.3	40.4	40.4
1968	40.0	40.7	40.1	39.5	40.3	40.4	40.4	40.4	40.7	40.4	40.4	40.2
1969	40.3	40.2	40.6	40.7	40.6	40.5	40.2	40.3	40.5	40.2	40.2	40.3
1970	40.3	40.2	40.1	40.0	39.7	39.7	40.1	39.7	39.2	39.7	39.6	39.6
1971	39.7	39.6	39.6	39.7	39.9	39.9	40.0	40.0	39.7	39.9	40.1	40.2
1972	40.0	40.6	40.2	40.8	40.4	40.5						
<b>TRANSPORTATION EQUIPMENT</b>												
1967	41.7	41.0	40.8	41.2	41.7	41.2	41.4	42.3	42.0	41.6	39.9	41.8
1968	42.0	42.0	42.3	41.4	42.9	42.3	42.3	42.1	42.3	42.6	42.6	41.7
1969	41.6	41.6	41.4	41.8	41.2	41.3	41.9	41.2	41.8	41.4	40.9	41.3
1970	40.3	40.2	40.2	40.1	40.2	41.1	40.9	40.7	39.8	39.9	40.1	40.1
1971	41.4	41.3	41.4	40.8	41.0	40.9	40.5	40.2	38.6	40.4	40.7	41.5
1972	40.9	41.7	41.7	43.0	41.9	41.6						
<b>INSTRUMENTS AND RELATED PRODUCTS</b>												
1967	41.8	41.1	41.4	41.4	41.2	41.1	41.2	41.3	41.2	41.1	41.1	41.1
1968	40.6	41.0	40.7	39.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.5
1969	40.6	39.9	40.7	40.8	40.8	40.9	40.9	40.9	41.0	40.7	40.8	40.9
1970	40.7	40.5	40.8	40.5	40.2	40.2	40.4	40.0	39.5	39.8	39.8	39.6
1971	39.7	39.6	39.7	39.7	39.8	39.7	39.7	39.8	39.8	40.0	40.1	40.4
1972	40.3	40.6	40.3	40.7	40.6	40.6						
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>												
1967	40.0	38.7	39.3	39.5	39.4	39.5	39.4	39.4	39.5	39.4	39.5	39.4
1968	39.2	39.8	39.5	38.4	39.6	39.6	39.2	39.3	39.7	39.5	39.3	38.9
1969	39.2	37.8	39.1	39.3	39.1	39.1	39.0	39.0	39.1	38.9	38.9	39.1
1970	39.2	39.0	39.0	38.9	38.7	38.6	38.9	38.5	38.2	38.4	38.6	38.7
1971	38.7	38.2	38.7	38.6	38.9	38.8	39.2	39.1	39.0	39.1	39.1	39.2
1972	39.1	39.4	39.2	39.6	39.4	39.5						
<b>NONDURABLE GOODS</b>												
1967	40.1	39.5	39.6	39.7	39.6	39.6	39.6	39.8	39.9	39.8	40.0	39.8
1968	39.2	40.0	39.9	39.2	39.9	40.0	39.9	40.0	40.0	40.0	39.7	39.8
1969	39.7	39.2	39.9	39.8	39.8	39.8	39.7	39.7	39.7	39.6	39.6	39.7
1970	39.5	39.5	39.4	39.3	39.1	39.1	39.2	39.2	38.6	38.9	38.9	39.0
1971	39.2	39.1	39.1	39.2	39.3	39.3	39.3	39.3	39.2	39.3	39.5	39.5
1972	39.4	39.6	39.6	39.8	39.6	39.7						
<b>FOOD AND KINDRED PRODUCTS</b>												
1967	41.1	41.0	41.0	40.8	40.8	40.9	40.8	40.8	40.9	40.7	40.9	40.8
1968	40.4	40.8	40.7	40.2	40.8	41.0	40.9	41.0	40.8	40.9	40.6	40.8
1969	40.6	40.7	40.8	40.8	40.7	40.8	40.8	40.9	41.0	40.6	40.9	40.7
1970	40.8	40.7	40.5	40.6	40.7	40.3	40.3	40.6	40.0	40.5	40.5	40.4
1971	40.7	40.7	40.5	40.4	40.4	40.4	40.2	40.1	40.0	40.1	40.0	40.3
1972	40.0	40.1	40.6	40.7	40.4	40.5						
<b>TOBACCO MANUFACTURES</b>												
1967	38.7	36.4	38.5	39.3	38.4	39.0	38.5	38.9	38.2	39.0	38.8	38.0
1968	37.4	38.4	38.2	35.0	37.9	38.4	37.9	38.7	38.3	37.8	37.5	37.3
1969	37.0	36.8	36.7	36.6	37.9	39.3	37.9	37.2	37.6	37.4	37.2	36.3
1970	38.0	37.7	37.6	38.0	37.1	37.3	37.7	37.3	36.3	38.3	38.4	39.2
1971	39.0	36.5	38.1	37.7	38.1	36.1	39.5	37.1	36.5	35.1	35.6	35.5
1972	34.6	34.1	34.5	34.1	33.7	34.2						
<b>TEXTILE MILL PRODUCTS</b>												
1967	41.0	40.3	40.2	40.7	40.6	40.5	40.6	41.0	41.2	41.4	41.5	41.5
1968	40.0	41.7	41.4	40.6	41.3	41.3	41.5	41.2	41.4	41.3	41.1	41.2
1969	40.8	40.2	41.1	40.8	41.0	41.1	41.0	40.9	40.8	40.7	40.8	40.9
1970	40.4	40.3	40.2	40.3	39.8	40.0	40.2	39.8	39.0	39.6	39.7	39.7
1971	40.4	40.2	40.3	40.4	40.7	40.6	40.4	40.7	40.5	40.8	41.1	41.0
1972	41.2	41.2	41.4	41.7	41.2	41.3						
<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>												
1967	36.5	35.7	35.6	36.0	36.0	35.8	35.9	35.9	36.2	35.9	36.2	36.1
1968	35.0	36.6	36.3	35.1	36.3	36.4	36.1	36.2	36.5	36.4	35.9	36.0
1969	36.1	35.3	36.1	36.1	36.1	36.2	35.9	35.9	35.9	35.8	35.7	35.9
1970	35.6	35.7	35.6	35.5	35.1	35.3	35.4	35.2	34.2	35.0	35.3	35.3
1971	35.3	34.9	35.2	35.2	35.5	35.5	35.8	35.8	35.7	35.9	36.2	35.9
1972	35.9	36.2	35.8	36.2	35.6	35.9						
<b>PAPER AND ALLIED PRODUCTS</b>												
1967	43.1	42.8	42.8	42.6	42.6	42.7	42.8	42.7	42.8	42.8	42.8	42.9
1968	42.5	42.9	42.7	41.9	43.0	43.0	43.1	43.1	43.3	43.1	43.0	43.2
1969	43.1	42.5	43.3	43.2	43.1	43.1	43.0	42.8	43.0	42.9	42.7	42.8
1970	42.6	42.3	42.3	42.0	41.9	41.7	41.7	41.7	41.5	41.7	41.7	41.5
1971	41.7	41.8	41.9	42.2	42.0	42.3	42.4	42.3	41.9	42.1	42.3	42.4
1972	42.2	42.6	42.7	42.9	42.5	43.0						

<sup>1</sup>  
SEE FOOTNOTE 1, TABLE B.

## ESTABLISHMENT DATA

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**F. AVERAGE WEEKLY HOURS OF PRODUCTION OR NONSUPERVISORY WORKERS<sup>1</sup> ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1967 TO DATE--CONTINUED**

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
<b>PRINTING AND PUBLISHING</b>												
1967	39.0	38.5	38.6	38.6	38.4	38.3	38.3	38.3	38.2	38.0	38.2	38.1
1968	38.1	38.3	38.2	37.8	38.2	38.2	38.2	38.4	38.5	38.6	38.4	38.4
1969	38.4	38.0	38.3	38.3	38.4	38.4	38.4	38.4	38.3	38.3	38.3	38.5
1970	38.2	38.1	38.0	37.9	37.7	37.8	37.8	37.6	37.4	37.4	37.5	37.5
1971	37.7	37.4	37.5	37.5	37.7	37.7	37.6	37.5	37.4	37.5	37.6	37.5
1972	37.4	37.6	37.6	38.0	37.7	37.9						
<b>CHEMICALS AND ALLIED PRODUCTS</b>												
1967	41.7	41.4	41.6	41.6	41.3	41.5	41.6	41.6	41.4	41.5	41.7	41.7
1968	41.6	41.9	41.6	41.6	41.7	41.8	41.8	41.8	41.9	41.9	41.8	41.9
1969	41.8	41.7	41.8	41.7	41.9	41.8	41.8	41.9	41.8	41.7	41.8	41.8
1970	41.9	41.8	41.8	41.3	41.6	41.5	41.5	41.4	42.0	41.3	41.3	41.4
1971	41.4	41.5	41.4	41.6	41.5	41.7	41.5	41.5	42.0	41.5	41.5	41.7
1972	41.7	41.8	41.8	41.7	41.6	42.0						
<b>PETROLEUM AND COAL PRODUCTS</b>												
1967	42.0	42.7	42.9	42.6	42.6	42.6	42.7	42.9	42.6	42.8	42.8	42.3
1968	43.0	42.3	42.3	42.8	42.5	42.5	42.7	42.2	42.6	42.5	42.5	42.5
1969	42.0	42.5	43.3	43.0	43.0	42.3	42.8	42.7	42.1	42.4	42.6	42.1
1970	42.6	42.6	42.4	42.1	42.4	42.6	42.6	42.9	42.9	43.0	43.0	43.2
1971	42.7	43.1	42.4	42.2	42.2	42.4	42.2	42.4	42.4	42.3	42.0	42.6
1972	42.4	42.2	42.2	42.4	42.0	42.2						
<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>												
1967	41.6	40.9	41.1	41.1	41.0	41.2	40.6	41.9	41.8	41.8	41.8	41.4
1968	41.3	41.5	41.4	40.2	41.8	41.7	41.6	41.5	41.7	41.7	41.6	41.5
1969	41.5	40.7	41.4	41.3	41.2	41.2	41.1	40.9	41.0	41.0	40.9	41.1
1970	40.9	40.9	40.7	40.6	39.9	40.2	40.5	40.4	40.0	39.7	39.5	39.5
1971	40.1	39.9	40.2	40.2	40.3	40.6	40.3	40.3	40.0	40.4	40.6	40.8
1972	40.8	41.0	41.0	41.3	41.0	41.3						
<b>LEATHER AND LEATHER PRODUCTS</b>												
1967	38.4	37.3	37.2	37.6	37.6	37.8	38.4	38.5	38.9	38.6	39.3	38.3
1968	37.9	38.9	38.7	38.0	38.6	38.5	38.1	38.2	38.3	38.6	37.8	37.7
1969	37.5	35.6	37.6	37.6	37.3	37.3	37.0	37.1	37.3	37.1	37.2	37.6
1970	37.5	37.4	37.4	37.3	37.5	37.5	37.4	36.9	36.7	37.0	37.0	37.2
1971	37.1	36.9	37.4	38.3	37.7	37.5	37.8	37.7	37.5	37.9	38.2	38.0
1972	38.1	38.5	38.2	39.1	38.6	38.6						
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>												
1967	40.8	40.9	40.7	39.8	40.7	40.7	40.3	40.6	40.5	40.4	40.5	40.4
1968	40.7	40.2	40.5	40.8	40.8	40.6	40.8	40.7	40.6	40.8	40.7	40.6
1969	41.0	40.7	40.7	40.9	40.8	40.6	40.7	40.6	40.7	40.8	40.5	40.8
1970	40.7	40.6	40.6	40.3	40.5	40.6	40.7	40.4	40.5	40.2	40.3	40.2
1971	40.0	40.5	40.4	40.5	40.0	40.6	38.0	40.6	40.5	40.2	40.4	40.5
1972	40.2	40.3	40.4	40.4	40.6	40.6	40.3	40.6	40.4	-	-	-
<b>WHOLESALE AND RETAIL TRADE</b>												
1967	36.8	36.7	36.7	36.5	36.5	36.6	36.6	36.4	36.4	36.3	36.4	36.3
1968	36.2	36.2	36.2	36.2	36.0	36.1	36.0	36.1	36.0	35.9	35.8	35.7
1969	35.9	35.7	35.8	35.7	35.7	35.7	35.5	35.7	35.5	35.5	35.5	35.4
1970	35.4	35.4	35.4	35.2	35.3	35.3	35.3	35.3	35.2	35.2	35.2	35.1
1971	35.1	35.1	35.1	35.2	35.1	35.2	35.2	35.1	35.1	35.2	35.2	35.3
1972	35.1	35.1	35.2	35.2	35.1	35.3						
<b>WHOLESALE TRADE</b>												
1967	40.6	40.5	40.4	40.4	40.3	40.3	40.3	40.2	40.3	40.2	40.2	40.1
1968	40.0	40.0	40.0	40.0	40.0	40.2	40.2	40.2	40.2	40.1	40.0	40.0
1969	40.1	40.1	40.2	40.2	40.2	40.0	40.0	40.3	40.3	40.3	40.2	40.4
1970	40.3	40.2	40.1	40.1	40.1	40.0	40.0	39.9	39.7	39.9	39.7	39.8
1971	39.8	39.6	39.7	39.6	39.8	39.9	39.6	39.7	39.7	39.8	39.9	39.8
1972	39.8	39.9	39.9	39.9	40.0	39.9						
<b>RETAIL TRADE</b>												
1967	35.5	35.4	35.4	35.3	35.3	35.3	35.3	35.2	35.3	35.1	35.1	35.1
1968	35.0	35.0	34.8	34.9	34.7	34.8	34.8	34.7	34.7	34.5	34.5	34.3
1969	34.4	34.3	34.4	34.2	34.3	34.2	34.2	34.2	34.1	33.9	33.9	33.8
1970	33.9	33.8	33.8	33.6	33.8	33.8	33.8	33.9	33.7	33.7	33.7	33.7
1971	33.6	33.6	33.5	33.7	33.7	33.7	33.8	33.6	33.6	33.7	33.7	33.9
1972	33.7	33.6	33.4	33.7	33.7	33.8						
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>												
1967	37.1	37.1	37.1	37.0	37.0	37.1	37.0	37.1	37.1	37.1	37.0	37.0
1968	37.0	36.9	37.0	36.9	37.0	37.0	37.0	37.0	37.1	37.1	36.9	37.1
1969	37.2	37.2	37.1	37.1	37.1	37.1	37.0	36.9	37.1	37.1	37.2	37.0
1970	36.9	37.0	37.0	36.9	36.8	36.7	36.8	36.8	36.7	36.8	36.8	36.7
1971	36.7	36.8	36.9	36.9	37.0	37.0	37.0	37.2	37.0	37.1	37.0	37.0
1972	37.3	37.1	37.1	37.3	37.1	37.2						
<b>SERVICES</b>												
1967	35.3	35.3	35.2	35.2	35.2	35.1	34.9	34.9	35.0	35.0	35.0	34.9
1968	34.9	34.9	34.8	34.7	34.7	34.8	34.7	34.7	34.7	34.6	34.5	34.4
1969	34.6	34.5	34.7	34.6	34.7	34.7	34.8	34.8	34.7	34.6	34.7	34.6
1970	34.5	34.5	34.5	34.4	34.4	34.3	34.4	34.5	34.4	34.3	34.3	34.3
1971	34.2	34.2	34.1	34.1	34.1	34.1	34.3	34.2	34.2	34.2	34.1	34.2
1972	34.1	34.2	34.1	34.1	34.0	34.1						

<sup>1</sup> SEE FOOTNOTE 1, TABLE B.

## G. AVERAGE WEEKLY OVERTIME HOURS OF PRODUCTION WORKERS ON MANUFACTURING PAYROLLS, SEASONALLY ADJUSTED, 1967 TO DATE

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEPT.	OCT.	NOV.	DEC.
<b>MANUFACTURING</b>												
1967	3.5	3.4	3.3	3.3	3.3	3.2	3.3	3.3	3.4	3.3	3.3	3.4
1968	3.4	3.5	3.5	3.1	3.7	3.6	3.6	3.5	3.7	3.7	3.8	3.7
1969	3.7	3.5	3.7	3.7	3.7	3.6	3.6	3.6	3.7	3.5	3.5	3.5
1970	3.3	3.2	3.2	3.0	3.0	3.0	3.0	2.9	2.8	2.7	2.7	2.7
1971	2.8	2.9	2.8	2.9	2.9	2.9	3.0	2.9	2.8	3.0	3.0	3.1
1972	2.9	3.2	3.3	3.5	3.4	3.4						
<b>DURABLE GOODS</b>												
1967	3.8	3.6	3.5	3.4	3.4	3.3	3.5	3.5	3.6	3.5	3.4	3.6
1968	3.6	3.6	3.6	3.2	3.9	3.8	3.8	3.7	3.8	4.0	4.1	3.9
1969	3.8	3.8	3.8	3.9	3.8	3.8	3.8	3.8	3.8	3.7	3.6	3.6
1970	3.4	3.2	3.2	3.0	3.0	3.1	3.0	2.9	2.7	2.7	2.6	2.6
1971	2.7	2.8	2.8	2.8	2.9	2.9	2.8	2.8	2.8	2.8	2.9	3.0
1972	2.9	3.2	3.3	3.7	3.5	3.4						
<b>NONDURABLE GOODS</b>												
1967	3.2	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.3	3.2	3.2	3.2
1968	3.2	3.3	3.3	2.9	3.3	3.4	3.4	3.4	3.4	3.3	3.4	3.4
1969	3.5	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3
1970	3.3	3.2	3.2	3.0	3.0	3.0	2.9	3.0	2.8	2.9	2.8	2.8
1971	2.9	2.9	2.8	2.9	3.0	3.0	3.0	3.1	3.1	3.0	3.0	3.0
1972	3.1	3.2	3.3	3.5	3.2	3.3						

H. AVERAGE HOURLY EARNINGS OF PRODUCTION OR NONSUPERVISORY WORKERS<sup>1</sup> ON PRIVATE NONAGRICULTURAL PAYROLLS, SEASONALLY ADJUSTED, 1967 TO DATE--CONTINUED (IN DOLLARS)

<b>TOTAL PRIVATE</b>												
1967	2.62	2.63	2.64	2.65	2.66	2.67	2.69	2.70	2.70	2.71	2.73	2.74
1968	2.76	2.78	2.80	2.81	2.83	2.84	2.85	2.87	2.89	2.90	2.92	2.94
1969	2.95	2.96	2.98	3.00	3.02	3.03	3.04	3.06	3.09	3.10	3.12	3.13
1970	3.13	3.15	3.17	3.18	3.19	3.21	3.23	3.26	3.26	3.27	3.29	3.31
1971	3.33	3.35	3.37	3.39	3.42	3.43	3.44	3.46	3.48	3.49	3.49	3.53
1972	3.55	3.56	3.59	3.62	3.62	3.63						
<b>MINING</b>												
1967	3.14	3.14	3.14	3.17	3.16	3.19	3.23	3.20	3.22	3.21	3.22	3.24
1968	3.29	3.27	3.29	3.31	3.31	3.34	3.36	3.36	3.39	3.32	3.47	3.50
1969	3.49	3.52	3.54	3.55	3.58	3.57	3.62	3.63	3.65	3.68	3.70	3.71
1970	3.74	3.75	3.79	3.78	3.81	3.84	3.85	3.87	3.90	3.92	3.95	3.96
1971	3.97	3.99	4.00	4.04	4.06	4.07	4.09	4.15	4.16	3.91	3.90	4.28
1972	4.32	4.31	4.31	4.35	4.34	4.37						
<b>CONTRACT CONSTRUCTION</b>												
1967	4.01	4.00	4.01	4.03	4.06	4.08	4.13	4.14	4.17	4.19	4.22	4.24
1968	4.33	4.27	4.32	4.33	4.36	4.37	4.41	4.42	4.46	4.49	4.53	4.54
1969	4.56	4.56	4.66	4.69	4.73	4.79	4.80	4.83	4.88	4.92	4.96	5.01
1970	5.05	5.07	5.10	5.16	5.13	5.20	5.26	5.34	5.32	5.38	5.41	5.41
1971	5.47	5.52	5.53	5.58	5.63	5.67	5.70	5.76	5.78	5.81	5.83	5.88
1972	5.91	5.93	5.97	6.01	6.02	6.01						
<b>MANUFACTURING</b>												
1967	2.77	2.78	2.79	2.80	2.81	2.82	2.83	2.85	2.84	2.85	2.88	2.90
1968	2.93	2.93	2.96	2.97	2.99	3.00	3.01	3.02	3.05	3.06	3.08	3.10
1969	3.11	3.11	3.13	3.15	3.16	3.18	3.20	3.23	3.24	3.25	3.26	3.28
1970	3.28	3.29	3.31	3.32	3.34	3.36	3.38	3.39	3.42	3.37	3.39	3.45
1971	3.48	3.51	3.52	3.53	3.55	3.56	3.58	3.59	3.60	3.59	3.59	3.68
1972	3.69	3.72	3.74	3.76	3.78	3.79						
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>												
1967	3.18	3.19	3.20	3.20	3.21	3.23	3.26	3.24	3.25	3.28	3.28	3.30
1968	3.32	3.32	3.35	3.38	3.39	3.42	3.43	3.45	3.48	3.48	3.50	3.52
1969	3.52	3.54	3.56	3.59	3.62	3.62	3.65	3.67	3.68	3.69	3.72	3.72
1970	3.73	3.74	3.77	3.76	3.80	3.84	3.87	3.90	3.91	3.94	3.95	3.99
1971	4.04	4.08	4.10	4.11	4.15	4.16	4.22	4.24	4.30	4.31	4.31	4.40
1972	4.45	4.46	4.53	4.57	4.58	4.59						
<b>WHOLESALE AND RETAIL TRADE</b>												
1967	2.19	2.20	2.21	2.23	2.22	2.24	2.25	2.26	2.27	2.28	2.29	2.30
1968	2.32	2.35	2.35	2.37	2.38	2.40	2.41	2.42	2.44	2.44	2.46	2.47
1969	2.48	2.50	2.50	2.51	2.53	2.55	2.56	2.58	2.59	2.61	2.63	2.64
1970	2.64	2.66	2.67	2.68	2.69	2.70	2.72	2.74	2.75	2.76	2.77	2.78
1971	2.80	2.80	2.82	2.83	2.86	2.86	2.88	2.89	2.90	2.90	2.91	2.94
1972	2.96	2.96	2.97	2.99	2.98	3.00						
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>												
1967	2.52	2.52	2.54	2.56	2.56	2.58	2.59	2.59	2.61	2.63	2.63	2.65
1968	2.65	2.66	2.67	2.69	2.72	2.75	2.76	2.77	2.80	2.81	2.82	2.85
1969	2.86	2.88	2.89	2.87	2.89	2.94	2.92	2.94	2.95	2.96	2.99	3.00
1970	3.01	3.03	3.04	3.03	3.05	3.05	3.07	3.10	3.11	3.14	3.15	3.16
1971	3.18	3.20	3.23	3.25	3.30	3.28	3.29	3.31	3.31	3.32	3.30	3.35
1972	3.39	3.37	3.38	3.44	3.43	3.43						
<b>SERVICES</b>												
1967	2.23	2.24	2.24	2.26	2.26	2.28	2.30	2.31	2.31	2.33	2.34	2.35
1968	2.37	2.37	2.38	2.39	2.40	2.42	2.44	2.45	2.47	2.49	2.50	2.53
1969	2.52	2.54	2.56	2.57	2.60	2.61	2.62	2.61	2.65	2.67	2.69	2.69
1970	2.70	2.73	2.75	2.76	2.78	2.79	2.80	2.83	2.87	2.87	2.90	2.91
1971	2.93	2.95	2.96	2.98	2.99	3.00	2.99	3.02	3.04	3.06	3.06	3.09
1972	3.11	3.12	3.14	3.17	3.15	3.15						

<sup>1</sup> SEE FOOTNOTE 1, TABLE 2.

## Seasonal Factors

The following tables present seasonal adjustment factors for all series in the establishment section 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 were derived using data through June 1972. The factors should be used with current estimates (adjusted to the March 1971 benchmarks) for July 1972 through August 1973 or until the date of the next benchmark revision.

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, earnings, job vacancies, 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.

## I: Seasonal adjustment factors for employees on nonagricultural payrolls, by industry division and groups

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL</b> <sup>1</sup>												
<b>MINING</b> .....	98.0	97.5	97.9	99.2	100.1	102.3	102.5	102.4	101.1	99.9	99.7	99.4
<b>CONTRACT CONSTRUCTION</b> .....	90.1	88.6	91.4	96.6	99.8	104.7	107.2	108.3	106.6	106.0	103.0	97.7
<b>MANUFACTURING</b> <sup>1</sup>												
<b>DURABLE GOODS</b> <sup>1</sup>												
Ordnance and accessories .....	100.3	99.7	99.9	98.9	99.2	99.9	99.9	100.1	100.7	100.0	100.7	100.6
Lumber and wood products .....	97.0	97.4	97.9	97.9	99.3	103.1	102.7	103.2	101.9	101.2	99.8	98.7
Furniture and fixtures .....	100.0	99.6	99.4	99.1	98.9	100.3	98.1	100.7	100.7	101.1	101.3	100.8
Stone, clay, and glass products .....	96.9	97.0	97.9	99.4	99.8	102.1	101.9	102.6	102.0	101.0	100.4	99.1
Primary metal industries .....	99.3	100.0	100.7	100.9	100.6	102.0	101.5	100.6	99.0	98.1	98.5	99.0
Fabricated metal products .....	99.5	99.4	99.7	99.3	99.3	100.7	98.9	100.0	100.8	100.8	100.9	100.7
Machinery, except electrical .....	99.8	100.6	100.8	100.6	100.1	100.7	100.0	99.4	99.9	99.2	99.3	99.7
Electrical equipment and supplies .....	99.8	99.8	99.6	99.3	99.2	100.0	99.3	100.2	101.0	100.4	100.8	100.4
Transportation equipment .....	100.6	100.2	100.6	99.8	99.8	100.6	99.4	99.4	100.2	101.1	100.9	101.0
Instruments and related products .....	99.6	99.6	99.8	99.7	99.6	100.3	99.9	100.5	100.2	100.1	100.2	100.4
Miscellaneous manufacturing industries .....	95.7	96.5	97.4	97.9	98.9	100.6	98.1	102.7	104.0	104.9	103.8	99.5
<b>NONDURABLE GOODS</b> <sup>1</sup>												
Food and kindred products .....	96.2	95.5	95.5	95.4	96.3	99.8	102.1	107.6	107.1	104.2	101.2	99.1
Tobacco manufactures .....	99.4	96.3	91.8	88.6	87.9	88.8	88.9	111.1	118.6	115.2	108.0	105.2
Textile mill products .....	99.5	99.6	99.9	99.7	99.7	101.1	98.9	100.5	100.3	100.1	100.4	100.3
Apparel and other textile products .....	98.5	100.1	100.7	99.5	99.9	101.2	96.4	100.8	101.0	101.1	100.8	99.8
Paper and allied products .....	99.4	99.3	99.4	99.5	98.9	101.1	100.2	101.0	100.4	99.8	100.5	100.6
Printing and publishing .....	99.7	99.9	100.1	99.9	99.5	100.1	99.8	99.9	99.8	100.2	100.4	100.6
Chemicals and allied products .....	99.2	99.4	99.8	100.1	99.7	100.8	100.9	101.0	100.1	99.7	99.7	99.6
Petroleum and coal products .....	97.4	97.5	98.2	98.9	100.0	102.2	103.0	102.7	101.2	100.5	99.8	98.8
Rubber and plastics products, nec. ....	99.4	99.5	99.8	99.5	99.5	100.4	99.0	100.3	101.0	100.7	100.5	100.4
Leather and leather products .....	99.9	100.1	99.5	99.0	99.5	101.7	97.8	101.8	99.8	99.7	100.7	100.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	98.6	98.4	99.0	99.2	99.8	101.3	101.3	101.1	101.1	100.2	100.1	100.0
<b>WHOLESALE AND RETAIL TRADE</b> <sup>1</sup>												
<b>WHOLESALE TRADE</b> .....	99.3	98.8	99.0	98.9	99.0	100.5	101.1	101.0	100.4	100.7	100.7	100.7
<b>RETAIL TRADE</b> .....	99.2	97.5	97.7	99.7	99.8	100.4	99.3	99.1	99.7	100.2	101.5	105.8
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	99.0	99.1	99.4	99.7	99.9	100.9	101.6	101.5	100.1	99.7	99.6	99.5
<b>SERVICES</b> .....	98.3	98.8	99.4	100.1	100.7	101.6	101.2	100.5	100.1	100.1	99.8	99.4
Hotels and other lodging places .....	93.0	93.9	95.1	97.6	99.7	104.8	115.2	114.3	102.8	96.8	93.5	93.6
Personal services .....	99.0	98.7	99.3	99.8	100.6	101.6	100.5	99.5	99.6	100.4	100.6	100.3
Medical and other health services .....	99.7	99.8	99.9	99.7	99.6	100.7	100.9	100.4	99.9	100.0	100.0	99.6
Educational services .....	102.5	105.2	105.9	104.9	104.3	95.8	87.2	85.4	95.1	103.7	105.3	104.7
<b>GOVERNMENT</b> <sup>1</sup>												
<b>FEDERAL</b> <sup>3</sup> .....	99.3	99.5	99.6	100.0	99.9	100.5	100.9	101.0	100.1	99.9	99.6	99.5
<b>STATE AND LOCAL</b> .....	101.0	101.9	102.1	101.6	101.5	100.7	94.8	93.8	98.0	101.1	101.8	101.7

<sup>1</sup> Seasonally adjusted data derived by summation of components.

<sup>2</sup> Factors shown for July, August & September are based on data excluding motor vehicles (SIC 371). Comparable factor for June is 99.7.

<sup>3</sup> Based on data which exclude temporary Christmas employees of the Post Office during December.

## J: Seasonal adjustment factors for number of job vacancies and labor turnover rates in manufacturing

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>JOB VACANCIES</b>												
Total .....	91.4	92.0	98.7	105.9	107.4	97.9	103.6	122.3	113.4	98.3	85.5	83.6
Long-term .....	92.1	94.5	98.8	102.9	102.1	94.3	98.1	108.5	108.6	103.2	98.5	98.4
<b>LABOR TURNOVER</b>												
Total accessions .....	94.1	83.3	90.6	93.1	102.7	131.5	107.2	126.8	122.9	103.5	80.2	64.4
New hires .....	87.6	79.5	88.3	91.8	101.7	139.4	105.8	127.8	130.2	110.0	79.1	59.1
Total separations .....	95.5	83.6	89.2	93.5	92.8	91.5	109.9	125.1	131.1	108.6	89.5	89.0
Quits .....	85.1	77.3	87.3	93.1	97.2	96.8	99.1	149.4	163.4	108.7	80.4	62.0
Layoffs .....	109.6	88.7	90.4	87.0	80.6	79.2	140.1	94.4	93.7	101.9	105.5	127.4

K: Seasonal adjustment factors for production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL</b> <sup>2</sup>												
<b>MINING</b>	97.6	97.1	97.5	99.2	100.2	102.8	102.9	102.7	101.3	99.9	99.7	99.3
<b>CONTRACT CONSTRUCTION</b>	88.3	86.9	89.9	96.1	99.7	105.5	108.3	109.7	107.7	107.0	103.6	97.4
<b>MANUFACTURING</b> <sup>2</sup>												
<b>DURABLE GOODS</b> <sup>2</sup>												
Ordnance and accessories	100.7	99.8	99.6	98.1	98.6	99.6	98.9	99.9	101.4	100.5	101.6	101.2
Lumber and wood products	96.6	97.1	97.7	97.7	99.3	103.6	103.0	103.5	102.2	101.3	99.7	98.3
Furniture and fixtures	100.0	99.6	99.4	98.9	98.9	100.2	97.8	100.8	100.7	101.3	101.4	101.0
Stone, clay, and glass products	96.3	96.4	97.5	99.2	99.8	102.5	102.1	102.9	102.5	101.3	100.5	99.0
Primary metal industries	99.3	100.1	101.1	101.2	100.8	102.4	101.5	100.3	98.7	97.7	98.2	98.8
Fabricated metal products	99.4	99.3	99.6	99.2	99.2	100.8	98.4	99.7	101.1	101.0	101.2	101.0
Machinery, except electrical	99.9	101.0	101.1	100.8	100.1	100.7	99.5	98.8	99.9	99.2	99.0	99.8
Electrical equipment and supplies	99.8	99.7	99.5	99.1	99.0	99.9	98.7	100.1	101.5	100.7	101.1	100.7
Transportation equipment	100.7	100.5	100.7	99.8	99.8	101.0	99.8	99.0	100.2	101.4	101.3	101.5
Instruments and related products	99.6	99.6	100.0	99.6	99.5	100.2	99.4	100.3	100.3	100.1	100.3	100.8
Miscellaneous manufacturing industries	94.5	95.7	96.8	97.4	98.7	100.8	97.7	103.4	104.9	106.0	104.7	99.5
<b>NONDURABLE GOODS</b> <sup>2</sup>												
Food and kindred products	94.9	93.8	93.9	93.5	94.7	99.1	102.3	110.5	110.3	106.3	102.0	98.9
Tobacco manufactures	99.4	95.6	90.6	87.0	86.3	87.3	87.0	113.0	121.3	117.4	109.2	106.0
Textile mill products	99.5	99.6	99.8	99.7	99.7	101.3	98.8	100.5	100.3	100.1	100.5	100.4
Apparel and other textile products	98.5	100.2	100.8	99.4	99.7	101.2	96.2	100.9	101.1	101.2	100.9	99.8
Paper and allied products	99.3	99.0	99.2	99.4	98.8	101.3	100.0	101.1	100.6	99.8	100.7	100.8
Printing and publishing	99.6	99.9	100.2	100.0	99.6	100.0	99.4	99.7	99.9	100.4	100.6	100.9
Chemicals and allied products	99.1	99.6	100.1	100.5	99.8	101.0	100.4	101.0	99.9	99.6	99.6	99.6
Petroleum and coal products	96.2	97.2	97.6	98.5	99.9	102.9	103.8	103.5	101.7	100.7	99.7	98.2
Rubber and plastics products, nec.	99.4	99.5	99.8	99.4	99.5	100.4	98.6	100.3	101.2	100.8	100.7	100.4
Leather and leather products	99.9	100.1	99.5	98.9	99.4	102.0	97.7	102.0	99.7	99.5	100.8	100.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	98.4	98.2	98.9	99.1	99.6	101.4	101.4	101.4	101.2	100.2	100.1	100.1
<b>WHOLESALE AND RETAIL TRADE</b> <sup>2</sup>												
<b>WHOLESALE TRADE</b>	99.2	98.7	98.8	98.7	98.8	100.6	101.3	101.2	100.5	100.8	100.8	100.9
<b>RETAIL TRADE</b>	99.2	97.3	97.6	99.5	99.7	100.4	99.4	99.1	99.6	100.3	101.7	106.4
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	98.8	98.8	99.1	99.5	99.8	101.1	102.0	101.9	100.2	99.8	99.6	99.5
<b>SERVICES</b>	98.2	98.7	99.4	100.2	100.7	101.6	101.2	100.5	100.1	100.1	99.8	99.4

<sup>1</sup>Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

<sup>2</sup>Seasonally adjusted data derived by summation of components.

<sup>3</sup>Factors shown for July, August, & September are based on data excluding motor vehicles (SIC 371). Comparable factor for June is 100.1.

L: Seasonal adjustment factors for average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL PRIVATE</b>	99.1	99.0	99.5	99.2	99.6	100.7	101.0	101.3	100.3	100.0	99.8	100.5
<b>MINING</b>	99.4	98.5	98.7	100.0	100.0	100.9	100.8	100.4	100.0	100.8	99.9	100.7
<b>CONTRACT CONSTRUCTION</b>	96.4	96.6	98.8	99.6	100.4	102.0	102.4	103.1	103.1	101.5	97.3	98.8
<b>MANUFACTURING</b>	99.2	99.2	99.8	99.3	100.1	100.6	99.6	99.9	100.5	100.3	100.3	101.2
<b>DURABLE GOODS</b>	99.3	99.1	100.0	99.4	100.2	100.7	99.3	99.5	100.7	100.3	100.3	101.3
Ordnance and accessories	100.1	99.9	100.4	99.8	100.0	100.4	98.6	99.7	100.2	99.9	100.2	101.1
Lumber and wood products	97.8	98.7	99.8	99.9	100.8	101.4	99.8	100.6	100.6	100.7	99.7	100.2
Furniture and fixtures	98.5	98.1	99.3	98.5	99.2	100.5	99.1	101.2	101.2	101.5	100.9	102.2
Stone, clay, and glass products	97.7	98.1	99.5	99.7	100.5	101.0	100.4	101.1	101.2	100.8	100.2	100.0
Primary metal industries	100.0	99.9	100.4	100.6	100.4	100.9	100.1	100.1	100.0	98.6	98.8	100.2
Fabricated metal products	99.1	98.8	99.6	99.0	100.3	101.0	99.3	100.2	101.1	100.4	100.3	101.0
Machinery, except electrical	99.9	99.9	100.7	99.7	100.0	100.2	99.0	98.8	100.1	99.9	100.1	101.6
Electrical equipment and supplies	99.8	98.8	99.9	99.1	99.8	100.5	99.0	100.0	100.5	100.4	100.7	101.5
Transportation equipment	99.1	98.6	99.7	97.5	100.2	101.1	99.7	98.0	101.2	101.2	101.1	102.4
Instruments and related products	99.5	99.2	100.1	99.6	99.8	100.2	99.2	99.5	100.5	100.3	100.9	101.1
Miscellaneous manufacturing industries	99.1	99.5	100.2	99.7	99.8	100.2	98.8	100.2	100.1	100.8	100.9	100.8
<b>NONDURABLE GOODS</b>	99.2	99.1	99.6	99.2	99.7	100.4	100.3	100.6	100.7	100.2	100.3	100.8
Food and kindred products	99.2	98.4	98.6	98.4	99.6	100.3	100.9	101.5	101.9	100.1	100.2	100.7
Tobacco manufactures	98.5	97.1	96.6	97.2	99.5	101.9	99.4	101.1	103.8	102.8	100.0	101.8
Textile mill products	99.0	99.4	99.8	99.0	99.7	100.9	99.3	100.2	100.2	100.4	100.8	101.1
Apparel and other textile products	98.7	99.5	100.5	99.5	100.0	100.4	100.1	100.8	99.7	100.0	100.6	100.1
Paper and allied products	99.4	99.0	99.4	99.4	99.7	100.1	100.1	100.4	100.7	100.5	100.3	101.0
Printing and publishing	98.8	99.0	100.0	99.4	99.8	100.1	100.1	100.6	100.7	100.1	100.1	101.3
Chemicals and allied products	99.7	99.6	100.0	100.5	100.1	100.1	99.6	99.5	100.2	99.9	100.3	100.6
Petroleum and coal products	98.3	98.3	98.5	100.2	100.6	100.4	101.8	100.5	101.1	100.6	100.2	99.4
Rubber and plastics products, nec.	99.6	99.3	99.3	99.3	100.1	100.3	99.5	100.0	101.0	100.5	100.2	100.9
Leather and leather products	100.3	99.9	99.2	97.1	100.2	101.5	101.3	99.8	98.4	99.5	100.5	102.1
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	99.0	99.8	99.5	98.8	99.3	100.4	100.9	100.3	100.6	100.4	100.4	100.4
<b>WHOLESALE AND RETAIL TRADE</b>	98.9	98.6	99.0	98.9	99.1	100.7	102.5	102.7	100.2	99.5	99.2	100.5
<b>WHOLESALE TRADE</b>	99.6	99.4	99.7	99.4	99.6	100.3	100.7	100.6	100.0	100.1	99.8	100.9
<b>RETAIL TRADE</b>	98.6	98.3	98.7	98.8	98.9	100.9	103.1	103.3	100.3	99.3	99.0	100.7
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	99.9	100.1	100.1	99.9	99.8	99.9	100.2	100.3	99.7	100.1	100.1	99.9
<b>SERVICES</b>	99.4	99.4	99.7	99.6	99.3	100.2	101.6	101.6	99.8	99.7	99.7	100.0

<sup>1</sup>See footnote 1, table K.



**M: Seasonal adjustment factors for average weekly overtime hours  
of production workers on manufacturing payrolls**

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>MANUFACTURING</b> .....	96.4	94.2	95.0	93.4	97.0	103.0	98.0	102.5	109.3	104.4	102.8	104.0
<b>DURABLE GOODS</b> .....	96.2	93.6	97.2	92.5	97.5	105.2	96.1	100.4	108.7	105.3	101.8	105.5
<b>NONDURABLE GOODS</b> .....	94.2	94.3	95.0	92.5	97.0	101.8	100.2	104.9	111.3	105.1	102.0	102.1

**N: Seasonal adjustment factors for average hourly earnings of production  
or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls**

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL PRIVATE</b> ..	99.9	99.9	99.8	99.7	100.1	100.1	100.0	99.8	100.7	100.3	100.1	99.7
<b>MINING</b> .....	100.5	100.5	100.2	100.2	99.8	99.4	99.2	99.1	99.9	100.3	100.8	100.1
<b>CONTRACT CONSTRUCTION</b> ..	100.8	100.3	99.5	99.1	99.8	98.8	99.2	99.5	100.9	101.1	100.6	100.4
<b>MANUFACTURING</b> .....	100.3	100.1	100.1	100.0	100.0	100.0	99.7	99.1	100.1	99.9	100.0	100.4
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	100.0	100.1	99.3	99.6	99.8	99.9	100.2	100.1	100.8	100.0	100.1	99.9
<b>WHOLESALE AND RETAIL TRADE</b> ..	100.5	100.6	100.3	100.2	100.4	100.0	99.7	99.4	100.1	99.9	100.0	99.0
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	100.2	100.8	100.5	100.2	100.1	99.9	99.9	99.6	99.6	99.6	100.0	99.7
<b>SERVICES</b> .....	100.2	100.4	100.1	99.8	99.9	99.6	99.9	99.4	100.6	100.1	100.1	99.9

<sup>1</sup>See footnote 1, table K.

**O: Seasonal adjustment factors for indexes of average hourly earnings adjusted for overtime  
(in manufacturing only) and interindustry employment shifts of production  
or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls**

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL PRIVATE</b> ..	100.1	100.2	100.0	99.9	100.1	99.9	99.9	99.8	100.3	99.9	100.0	99.9
<b>MINING</b> .....	100.1	100.1	99.9	100.0	99.9	99.6	99.5	99.3	100.0	100.4	100.9	100.2
<b>CONTRACT CONSTRUCTION</b> ..	99.8	99.4	98.9	99.1	100.1	99.3	99.7	100.1	101.4	101.5	100.8	100.0
<b>MANUFACTURING</b> .....	100.4	100.3	100.2	100.2	100.1	99.8	99.8	99.7	100.0	99.6	99.9	100.2
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	100.1	100.1	99.5	99.6	99.8	99.9	99.9	100.0	100.7	100.1	100.2	100.0
<b>WHOLESALE AND RETAIL TRADE</b> ..	100.0	100.2	100.1	100.1	100.4	100.2	99.9	99.6	100.2	99.9	100.0	99.5
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	100.4	100.8	100.5	100.0	100.1	99.8	99.9	99.7	99.6	99.6	100.0	99.7
<b>SERVICES</b> .....	99.7	100.1	99.9	99.7	99.9	100.0	100.3	100.1	100.7	100.0	99.9	99.8

<sup>1</sup>See footnote 1, table K.

# Technical Note

The statistics in this periodical are compiled from three major sources: (1) Household interviews, (2) reports from employers, and (3) administrative statistics of unemployment insurance systems.

*Data based on household interviews* are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 47,000 households, representing 461 areas in 923 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment surveys are designed to provide detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, job vacancies, and labor turnover for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of establishments employing about 30 million nonagriculture wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the month while job vacancies pertain to those outstanding at the end of the month.

*Data based on administrative records of unemployment insurance systems* furnish a complete count of insured unemployment among the two-thirds of the Nation's labor force covered by unemployment insurance programs. Weekly reports, by State, are issued on the number of initial claims, the volume, and rate of insured unemployment under State unemployment insurance programs, and the volume under programs of unemployment compensation for Federal employees, ex-servicemen, and railroad workers. These statistics are published by the Manpower Administration, U.S. Department of Labor, in "Unemployment Insurance Claims."

## Relation between the household and establishment series

The household and establishment 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 major factors which have a differential effect on levels and trends of the two series are 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 agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonagricultural 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 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, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

For a comprehensive discussion of the differences between household and establishment survey employment data, see Gloria P. Green's article "Comparing employment estimates from household and payroll surveys," *Monthly Labor Review*, December 1969. Reprints of this article are available upon request from the Bureau of Labor Statistics.

## 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 have a job 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 Manpower Administration 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-employment, 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.

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*. Reprints of this article may be obtained upon request.

*Agricultural employment estimates of the Department of Agriculture.* The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) 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.

### 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 establish-

ments 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 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.* Most nonagricultural wage and salary workers are covered by the unemployment insurance programs. Beginning in January 1972, coverage was expanded to include employees of small firms and selected nonprofit activities who had not been covered previously. However, certain activities, such as interstate railroads, private hospitals, parochial schools, and churches are not covered by unemployment insurance whereas these are included in BLS statistics.

Additional information concerning the preparation of the labor force, employment, hours, earnings, job vacancy, 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.

## Labor Force Data

### Collection and coverage

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related 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 Manpower Statistics from the Current Population Survey" (BLS Report 313). 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 16 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th 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 16 years of age are not covered in the regular monthly enumerations 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.

Each month, 47,000 occupied units are designated for interview. About 1,700 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 7,500 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for 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 as paid employees, in their own business, profession, or farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or personal reasons, whether or not they were paid by their employers for the time off, and whether or not they were seeking other jobs.

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.

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 during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, 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.

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. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

Unemployed persons by reasons for unemployment are divided into four major groups. (1) Job losers are persons whose employment ended involuntarily who immediately began looking for work and persons on layoff. (2) Job leavers are persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work. (3) Reentrants are persons who previously worked at a full-time job lasting 2 weeks or longer but who were out of the labor force prior to beginning to look for work. (4) New entrants are persons who never worked at a full-time job lasting 2 weeks or longer.

*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.

*The unemployment rate* represents the number unemployed as a percent of the civilian labor force. This measure can also be computed for groups within the labor force classified by sex, age, marital status, color, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

*Participation rates* represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published: The total labor force participation

rate, which is the ratio of the total labor force and the total noninstitutional population, and the civilian labor force participation rate, which is the ratio of civilian labor force and civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as color and educational attainment.

*Not in labor force* includes all civilians 16 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.

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. As of January 1970, the detailed questions for persons not in the labor force are asked only in those households that are in the fourth and eighth months of the sample, i.e., the "outgoing" groups, those which had been in the sample for 3 previous months and would not be in for the subsequent month. Between 1967 and 1969, the detailed not-in-labor force questions were asked of persons in the first and fifth months in the sample, i.e., the "incoming" groups.

*Occupation, industry, and class of worker* for the employed 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 unemployed are classified according to their latest full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

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.

The distribution of employment by hours worked relate to persons "at work" during the survey week. At-work data differ from data on total employment because the latter include persons in zero-hours worked category, "with a job but not at work." Included in this latter group are persons who were on vacation, ill, involved in a labor dispute, or otherwise absent from their jobs for voluntary, noneconomic reasons.

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. Persons on full-time schedules include, in addition to those working 35 hours or more, those who worked from 1-34 hours for noneconomic reasons and usually work full time.

**Full- and part-time labor force.** The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (because full-time work is not available), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified according to whether they usually work full or part time.

**Labor force time lost** is a measure of man-hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available man-hours. It is computed by assuming: (1) That unemployed persons looking for full-time work lost an average of 37.5 hours, (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

**White and Negro and other races** are terms used to describe the color or race of workers. The Negro and other races category, which had formerly been identified as "Nonwhite," includes all persons who are observed in the enumeration process to be other than white. At the time of the 1960 Census of Population, approximately 92 percent of the Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhites. Tables in this volume which contain these data utilize the word "color" to so indicate.

**Major activity: going to school and major activity: other** are terms used to describe whether the activity of young persons during the reference week was primarily one of going to school or not. Statistics on major activities are published every month in table A-5 for 16-21 year-olds by employment status, color, sex, and, if unemployed, whether seeking full- or part-time work.

## ESTIMATING METHODS

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 of the respondent for other reasons. This adjustment is made separately by combinations of sample areas and, within these, for six groups—two race categories (white, and Negro and other races) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these resi-

dence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are 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 a procedure in which the sample proportions are weighted by the known 1970 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1970 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 (1970) 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 of month-to-month changes especially and of the levels for most items also.

## Rounding of estimates

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Differences, however, are insignificant.

## 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.

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.

**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)
<b>BOTH SEXES</b>		
Labor force .....	205	150
Total employment .....	210	155
Agriculture .....	95	60
Nonagricultural employment .....	210	155
Unemployment .....	90	95
<b>MALE</b>		
Labor force .....	115	95
Total employment .....	125	100
Agriculture .....	85	55
Nonagricultural employment .....	130	105
Unemployment .....	70	80
<b>FEMALE</b>		
Labor force .....	140	110
Total employment .....	140	110
Agriculture .....	35	25
Nonagricultural employment .....	140	110
Unemployment .....	60	70

**Table B. Standard error of level of monthly estimates**

(In thousands)

Size of estimate	Both sexes		Male		Female	
	Total or white	Negro and other races	Total or white	Negro and other races	Total or white	Negro and other races
10 . . . . .	4	4	6	4	6	4
50 . . . . .	9	9	11	9	11	9
100 . . . . .	12	12	16	12	16	12
250 . . . . .	20	17	25	17	25	17
500 . . . . .	30	25	34	25	34	25
1,000 . . . . .	40	35	50	35	50	35
2,500 . . . . .	60	40	75	40	75	40
5,000 . . . . .	85	45	90	-	90	-
10,000 . . . . .	115	-	115	-	115	-
20,000 . . . . .	150	-	125	-	125	-
30,000 . . . . .	170	-	-	-	-	-
40,000 . . . . .	180	-	-	-	-	-

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

**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
10 . . . . .	12
25 . . . . .	28
50 . . . . .	55
100 . . . . .	100
150 . . . . .	140
200 . . . . .	155
250 . . . . .	160
300 . . . . .	190

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.

*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 133,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 133,000 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 133,000 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 126,000.

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. As a general rule, percentages will not be published when the monthly base is less than 75,000 or the annual base is less than 35,000.

**Table D. Standard error of percentage**

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 . . . . .	1.1	1.5	2.4	3.3	4.0	4.5	4.9	5.5	6.1	
250 . . . . .	.9	1.3	2.0	2.8	3.3	3.7	4.1	4.6	5.1	
500 . . . . .	.6	.8	1.3	1.7	2.1	2.4	2.6	2.9	3.2	
1,000 . . . . .	.4	.6	.9	1.2	1.5	1.7	1.8	2.1	2.3	
2,000 . . . . .	.3	.4	.6	.9	1.0	1.2	1.3	1.5	1.6	
3,000 . . . . .	.2	.3	.5	.7	.9	1.0	1.1	1.2	1.3	
5,000 . . . . .	.2	.3	.4	.6	.7	.7	.8	.9	1.0	
10,000 . . . . .	.1	.2	.3	.4	.5	.5	.6	.7	.7	
25,000 . . . . .	.1	.1	.2	.3	.3	.3	.4	.4	.4	
50,000 . . . . .	.1	.1	.1	.2	.2	.2	.3	.3	.3	
75,000 . . . . .	.1	.1	.1	.1	.2	.2	.2	.2	.3	

# Establishment Data

## COLLECTION

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

### Federal-State cooperation

Under cooperative arrangements with State agencies, the respondent fills out a single employment or job vacancy-labor turnover reporting form, 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 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 establishment data to the BLS for use in preparing the national series.

### Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Monthly Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on Job Openings and Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collecting agency returns the schedule to the respondent each month 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.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, payroll and man-hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and three job vacancy items as of the end of the month: Current job vacancies, (i.e., vacancies available for immediate filling), current vacancies which have remained unfilled for 30 days or more, and openings with future starting dates.

## CONCEPTS

### Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 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 a supplement to the monthly 790 or 1219 report. For 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, job vacancy, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1967.

### Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th 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 volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded.

Persons on establishment payrolls 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 have not been paid 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 in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining private nonagricultural components. For Federal Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

*Production and related workers* include working foreman 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* include the following employees in the contract construction division: Working foremen, journeymen, mechanic's 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, physicians, lawyers, accountants, nurses, social workers, research aids, teachers, draftsmen, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, 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 which includes the 12th 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), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc. paid by the employer) are also excluded.

*Man-hours* cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construction, or 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 hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums 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 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; rates are the amounts stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction-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. Monthly variations in such factors as proportion of part-time workers, stoppages for varying causes, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force.

For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the service industries has reduced average workweeks in these industries and has affected the average weekly earnings series.

### 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 unpaid 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 the portion of the gross average weekly hours which were in excess of regular hours and for which overtime premiums were paid. 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, overtime 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 also may 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.

### Hours and earnings for total private nonagricultural industries

This series covers all nonagricultural industry divisions except government. The principal source of payroll data is Form BLS 790. Secondary source material such as *Employment and Wages* (Manpower Administration), *County Business Patterns* (Bureau of the Census), and additional supporting information such as *The Hospital Guide*, Part II, of the American Hospital Association and special studies by the National Council of Churches supplement data for certain industry groups within the service division.

For a technical description of this series, see the article, "Hours and Earnings for Workers in Private Nonagricultural Industries," published in the May 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*.

### 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 except executives, officials, and staff assistants (ICC group I) who received pay during the month. 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 average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, 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 married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

The series reflects the spendable earnings of only those workers, with either none or three dependents, whose gross weekly pay approximates the average earnings indicated for all production and nonsupervisory workers. It does not reflect, for example, the average earnings of all workers with three dependents; such workers, in fact have higher gross average earnings than workers with no dependents.

Since part-time as well as full-time workers are included, and since the proportion of part-time workers has been rising, the series understates the increase in earnings for full-time workers. As noted, "fringe benefits" are not included in the earnings. For a more complete discussion of the uses and limitations of these series, see the article by Paul M. Schwab, "Two Measures of Purchasing Power Contrasted," in the *Monthly Labor Review* for April 1971. Reprints of this article are available from the Bureau of Labor Statistics.

"Real" earnings are computed by dividing the current Consumer Price Index into the earnings averages for the current month. This is done for gross average weekly earnings and for spendable average weekly earnings. The level of earnings is thus adjusted for changes in purchasing power since the base period (1967).

### **Average hourly earnings excluding overtime**

Average hourly earnings excluding overtime premium 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 1967 period. The man-hour aggregates are the product of average weekly hours and production-

worker or nonsupervisory worker employment, and the payroll aggregates are the product of man-hour aggregates and average hourly earnings. At all higher levels of aggregation, man-hour and payroll aggregates are the sum of the component aggregates.

### **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 other establishments of the company and employees recalled from layoff.

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

### **Relationship of labor turnover to 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 which includes the 12th 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.

## Job vacancies

Job vacancies are the stock of unfilled job openings as of the close of the last business day of the reference month. Openings for all kinds of positions, classifications and employment, full time, part time, permanent, temporary, and seasonal are included. Excluded are jobs to be filled by recall from layoff, transfer, promotion, demotion or return from paid or unpaid leave; jobs unoccupied because of labor-management disputes; job openings for which "new" workers were already hired and scheduled to start work later; and openings with future starting dates, which are requested as a separate item.

*Job vacancies* are defined as vacant jobs which are immediately available for filling, and for which the firm is actively trying to find or recruit workers from outside the firm.

"Actively trying to find or recruit" means that the establishment is engaged in current efforts to fill the job vacancies by means of orders listed with public or private employment agencies and school placement offices; notification to labor unions and professional organizations; "help wanted" advertising (newspaper, posted notice, etc.) recruitment programs; and interview and selection of applicants.

*Long-term job vacancies* are those current vacancies which have continued unfilled for 30 days or more.

The reporting establishment is also asked to indicate the number of openings with future starting dates for which the firm is actively trying to recruit workers from outside the firm.

Job openings with future starting dates may exist for such reasons as: Job unavailable until expected separation of present incumbent occurs; work will not start until some future date; new branch to be opened in the future; or anticipated increase in business.

The *job vacancy rate* is computed by dividing the number of current job vacancies by the sum of employment plus vacancies, and multiplying that quotient by 100.

*Occupational classifications* are made in accordance with those established in the *Dictionary of Occupational Titles*, Third Edition, U.S. Department of Labor, 1965.

## ESTIMATING METHODS

The principal features of the procedure used to estimate 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 size and regional stratification.

### The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. 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." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described later in table L, Summary of methods for computing industry statistics on employment, hours, earnings, job vacancies, and labor turnover. Further details are given in the technical notes—Chapter 2, Employment, hours and earnings, and Chapter 3, Job vacancies and

labor turnover, reprinted from the Handbook of Methods, BLS Bulletin 1711—which are available upon request.

## Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production- or non-supervisory-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, 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 compared periodically 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 1971 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations, cover three-fourths of the total nonagricultural employment in the United States. 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; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions made in the last 3 benchmark years is shown in table E.

**Table E. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1969-1971**

Industry division	1969	1970	1971
Total . . . . .	99.8	100.0	100.2
Mining . . . . .	101.5	100.0	99.8
Contract construction . .	99.0	100.1	96.9
Manufacturing . . . . .	99.8	100.1	100.4
Transportation and public utilities . . . . .	100.4	99.9	100.9
Wholesale and retail trade . . . . .	100.0	100.1	100.3
Finance, insurance, and real estate . . . . .	100.0	100.3	100.2
Services . . . . .	99.1	99.6	100.4
Government . . . . .	100.1	100.3	100.0

Data for all months since the last benchmark to which the series has been adjusted are 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 SAMPLE

### Design

The sampling plan used in the current employment statistics program is known as "sampling proportionate to average size of establishment." This design is an optimum allocation design among strata since the sampling variance is proportional to the average size of establishments. The universe of establishments is stratified first by industry and then within each industry by size of establishment in terms of employment. For each industry, the number of sample units is distributed among the size class cells on the basis of average employment per establishment in each cell. In practice, this is equivalent to distributing the predetermined total number of establishments required in the sample among the cells on the basis of the ratio of employment in each cell to total employment in the industry. Within each noncertainty stratum the sample members are selected at random.

Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percentage of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

In the context of the BLS employment and job vacancy-labor turnover statistics programs, 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.

### Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of

social statistics. Table F 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.

**Table F. Approximate size and coverage of BLS employment and payrolls sample, March 1971<sup>1</sup>**

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Total . . . . .	155,000	28,995,000	42
Mining . . . . .	2,200	307,000	50
Contract construction . . . . .	15,600	701,000	23
Manufacturing . . . . .	46,100	11,197,000	61
Transportation and public utilities:			
Railroad transportation (ICC) . . . . .	95	562,000	93
Other transportation and public utilities . . . . .	7,100	1,966,000	51
Wholesale and retail trade . . . . .	38,200	2,675,000	18
Finance, insurance, and real estate . . . . .	9,700	1,352,000	36
Services . . . . .	22,800	2,401,000	21
Government:			
Federal (Civil Service Commission) <sup>2</sup> . . . . .	3,300	2,649,000	100
State and local . . . . .	9,900	5,185,000	50

<sup>1</sup> Since 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.

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

Table G shows the approximate coverage, in terms of employment, of the job vacancy-labor turnover sample.

**Table G. Approximate size and coverage of BLS job vacancy-labor turnover sample, March 1971**

Industry	Employees	
	Number reported	Percent of total
Total . . . . .	10,896,500	55
Manufacturing <sup>1</sup> . . . . .	9,965,300	54
Metal mining . . . . .	63,600	68
Coal mining . . . . .	57,700	38
Communication:		
Telephone . . . . .	789,000	83
Telegraph . . . . .	20,900	70

<sup>1</sup> Since some establishments do not report the information, job vacancy estimates currently are based on reports from sample establishments covering about 44 percent of universe employment.

## Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a link relative technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for 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). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences, generally minor, arises from improvements in the quality of the benchmark data. Table H presents the average percent revisions of the six most recent benchmarks for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

**Table H. Average benchmark percent revision in employment estimates and relative errors<sup>1</sup> for average weekly hours and average hourly earnings by industry division**

Industry division	Average benchmark revision in estimates of employment <sup>2</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment . . . . .	0.2	-	-
Total private . . . . .	.2	0.1	0.2
Mining . . . . .	.7	.5	.5
Construction . . . . .	1.1	.2	.3
Manufacturing . . . . .	.3	.1	.1
Durable goods . . . . .	.4	.1	.1
Nondurable goods . . . . .	.3	.1	.1
Transportation and public utilities . . . . .	.4	.7	.4
Trade . . . . .	.2	.1	.2
Wholesale . . . . .	.9	.2	.3
Retail . . . . .	.2	.2	.2
Finance, insurance, and real estate . . . . .	.3	.2	.4
Services . . . . .	.5	.4	.8
Government <sup>3</sup> . . . . .	-	-	-

<sup>1</sup> Relative errors relate to March 1971 data.

<sup>2</sup> The average percent revision in employment for the 6 most recent benchmarks (1966-71).

<sup>3</sup> Estimates for government are based on a total count for Federal Government and samples for State and local government benchmarked to a quinquennial census of government conducted by the Bureau of the Census.

The hours and earnings estimates for cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours

and earnings estimated, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table H and for individual industries with the specified number of employees in table I. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error from the averages that would have been obtained from a complete census.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The measure is the standard deviation adjusted for the bias in estimates

$$(RMSE = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}).$$

If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root-mean-square error. The chances are about 19 out of 20 that the difference would be less than twice the root-mean-square error.

**Table I. Root-mean-square errors of differences between benchmarks and estimates of employment and average relative errors for average weekly hours and average hourly earnings**

Size of employment estimate	Root-mean-square error of employment estimates <sup>1</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
50,000	1,900	0.9	1.5
100,000	2,700	.7	1.1
200,000	4,100	.5	.9
500,000	9,600	.4	.8
1,000,000	13,000	.3	.5
2,000,000	16,800	.3	.5

<sup>1</sup> Assuming 12-month intervals between benchmark revisions.

Approximations of the root-mean-square errors (based on the experience of the last 6 years) of differences between final estimates and benchmarks are presented in table I.

For the most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. Table J presents root-mean-square errors of the amounts of revisions that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than .1 of an hour for weekly hours and 1 cent for hourly earnings.

## Reliability of job vacancy estimates

As with the employment estimates, the estimates derived from the job vacancy survey 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.

Measures of reliability for the job vacancy estimates are given by the relative errors in table K. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by a smaller percentage than the relative error. The chances are about 19 out of 20 that the difference would be a smaller percentage than twice the relative error.

**Table J. Errors of preliminary employment estimates**

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	500	500
100,000	900	900
200,000	1,600	1,500
500,000	2,800	2,600
1,000,000	5,000	4,800
2,000,000	10,600	8,100
10,000,000	34,700	30,600
Total nonagricultural employment.....	97,000	87,000
Mining .....	3,000	3,000
Contract construction .....	21,000	18,000
Manufacturing .....	23,000	23,000
Transportation and public utilities .....	7,000	6,000
Wholesale and retail trade .....	29,000	24,000
Finance, insurance, and real estate .....	3,000	3,000
Services .....	18,000	14,000
Government .....	28,000	25,000

**STATISTICS FOR STATES AND AREAS**

State and area employment, hours, earnings, job vacancy, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue).

Changes in definitions are noted as they occur. 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 fig-

**Table K. Relative errors of estimates of job vacancy data**

Industry	Relative error <sup>1</sup> (in percent)
Manufacturing .....	2
Durable goods industries .....	3
Nondurable goods industries .....	3
Selected durable goods industries:	
Primary metal industries .....	8
Machinery, except electrical .....	5
Electrical equipment & supplies .....	9
Transportation equipment .....	11
Instruments & related products .....	16
Selected nondurable goods industries:	
Textile mill products .....	4
Apparel and other textile products .....	4
Printing & publishing .....	14
Chemicals & allied products .....	8

<sup>1</sup> Expressed as a percent of the estimate.

ures 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.

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) in a summary volume published annually by the BLS.

**Unemployment Insurance Data**

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights and workers who have not earned rights to unemployment insurance. In general, excluded from coverage are those persons engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, State and local government and self-employment. Also excluded from the insured unemployment count, but included as employed in the household survey, are those persons who earned no wages during the payroll period because they were temporarily absent from their jobs due to taking time off, illness and industrial dispute as well as unpaid vacations. The rate of insured unemployment is the number of insured unemployed expressed

as a percent of average covered employment in a 12-month period ending 6 to 8 months prior to the week of reference. Initial claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who continued to be unemployed a full week is then counted in the insured unemployment figure.

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitations of unemployment insurance data should address their inquiries to Manpower Administration, Washington, D.C. 20210.

# Seasonal Adjustments

## SEASONAL ADJUSTMENTS

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 of the method is given in the booklet, *The BLS Seasonal Factor Method (1966)*, which may be obtained from the Bureau on request.

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 1971 are published in the February 1972 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

For establishment data, the seasonally adjusted series on hours, hourly earnings, number of job vacancies, and labor

turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series. However, seasonally adjusted employment totals for all employees and production workers by industry division are obtained by summing seasonally adjusted data for the component industries. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. Indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and nondurable goods the indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries and dividing by the 1967 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service 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 Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

Seasonally adjusted job vacancy rates are computed by dividing the seasonally adjusted number of job vacancies by the sum of seasonally adjusted employment and job vacancies and multiplying the quotient by 100. Seasonally adjusted long-term job vacancy rates are computed by dividing the seasonally adjusted long-term job vacancies by the sum of seasonally adjusted employment and total job vacancies and multiplying the quotient by 100.

The revised seasonally adjusted series for the establishment data reflect experience through June 1972. Seasonal factors to be used for current adjustment are shown in the October 1972 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

## ATTENTION

As discussed in the Technical Note, the Bureau periodically adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours, earnings, job vacancy, and labor turnover series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1971 benchmarks. Data from April 1971

forward are subject to revision at the time of the next benchmark.

Beginning with the October 1972 and subsequent issues of *Employment and Earnings*, the national data in Sections B, C, and D supersede those published in previous issues, as well as those appearing in the *Handbook of Labor Statistics, 1972*. Comparable data will be published in *Employment and Earnings, United States, 1909-72*, BLS Bulletin 1312-9.

**Table L. Summary of methods for computing industry statistics on employment, hours, earnings, job vacancies, and labor turnover**

Item	Basic estimating cells (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
<b>Monthly Data</b>		
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 estimates of women employees, 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 .	The number of particular actions (e.g., quits) in reporting establishments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
Job vacancy rates .	The total number of job vacancies in sample establishments divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.	Sum of the total job vacancies in the component cells, weighted by employment, divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.
Long-term job vacancy rates	The number of long-term job vacancies in sample establishments divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.	Sum of the long-term job vacancies in the component cells, weighted by employment, divided by the sum of total employment plus the total number of job vacancies. The result is multiplied by 100.
<b>Annual Average Data</b>		
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.
Job vacancy rates	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.

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