

# EMPLOYMENT AND EARNINGS

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### Note on Title Change

Effective with the current issue, the title of this publication has been shortened from Employment and Earnings and Monthly Report on the Labor Force to Employment and Earnings, the title used prior to February 1966, when it was merged with a former BLS publication, Monthly Report on the Labor Force. The content of this report remains unchanged. Household and establishment data will be shown in the identical or greater detail, and the customary analysis of employment and unemployment developments and special articles will also be continued.

## Employment and Unemployment Developments, June 1969

Employment rose substantially in June, while the overall unemployment rate, at 3.4 percent, was virtually unchanged over the month. Jobless rates remained the same for most major groups in the labor force.

### Unemployment

There were 3.4 million persons unemployed in June. The increase of 1.1 million from May was about in line with the usual May-June pattern; after seasonal adjustment, there was little change in the level of unemployment.

Jobless rates for all adult men (2.0 percent), married men (1.5 percent), and adult women (3.7 percent) were unchanged from the previous month, as was the rate for full-time workers (3.1 percent). The unemployment rate for teenagers fell from 12.5 to 11.6 percent, with the decline concentrated among white girls.

The unemployment rate for white workers was 3.0 percent in June, about the same as in May. For nonwhite workers, the jobless rate was 7.0 percent, compared with 6.5 percent in May; it was up significantly from the 15-year low of 5.7 percent reached in February. Most of the rise in nonwhite unemployment was among adult men.

The jobless rate for construction workers was 5.0 percent in June, the lowest since 1948.

The jobless rate for workers covered by State unemployment insurance programs was 2.1 percent in June, compared with 2.0 percent in May. Both the rate and the level of State insured unemployment were about the same as in June 1968.

Total unemployment for the April-June quarter averaged 2.8 million, about 140,000 above the January-March level, which was a record low for the post-Korean period. This increase represents the only sizeable quarterly rise in unemployment since early 1967 and reflects somewhat higher unemployment among adult men and women.

### Labor Force and Total Employment

Largely because of the entry of youths into the job market, the civilian labor force increased by 2.8 million to 82.4 million between May and June. After seasonal adjustment, the civilian labor force was up by 350,000, returning to the April level.

Between the first and second quarters of 1969, the civilian labor force (seasonally adjusted) was virtually unchanged. This marks the first quarter in which the civilian labor force has failed to rise substantially since the second quarter of 1967. However, the recent leveling off followed a 1.2 million gain in the previous quarter. Despite its lack of growth in recent months, the civilian labor force was still 1.6 million higher in the second quarter of 1969 than in the comparable period a year ago.

A total of 79.0 million persons were employed in June, 1.7 million more than in May. After seasonal adjustment, employment was up 400,000 from May but was about the same as in April. The over-the-month increase took place entirely in the non-agricultural industries.

In the April-June quarter, employment (seasonally adjusted) was unchanged from the first quarter of the year. This contrasts with a 1.2 million employment gain achieved between the last quarter of 1968 and the first quarter of 1969.

The number of nonagricultural employees confined to part-time work because of economic reasons rose 200,000 (seasonally adjusted) in June. The May-to-June rise was concentrated among teenagers.

### Young Workers

There were 2.8 million more youths 16 to 21 years of age in the labor force in June than in May, a gain about equal to the increases which took place between May and June of the past 2 years. However, the 1.9 million gain in youth employment between May and June of this year exceeded by about 175,000 the increases of 1967 and 1968.

About 12 percent of the white youths 16 to 21 in the labor force were unemployed this June, compared with 14 percent a year ago (not seasonally adjusted). Nonwhite youths continued to experience serious difficulties in securing employment; 28 percent of them were still searching for jobs this June, virtually the same proportion as in June of last year.

### Payroll Employment

Total nonfarm payroll employment advanced 190,000 in June to 70.2 million (seasonally adjusted). The gain was broadly based, with employment pickups in both the goods- and service-producing industries.

Seasonally adjusted employment gains of 50,000 each were posted in contract construction and State and local government. Nearly half of the employment gain in contract construction, however, resulted from the net return of workers who had been off payrolls in May because of strikes. Job growth was also reported in manufacturing (40,000) and trade (25,000).

Most of the June gain in manufacturing employment took place in the durable goods sector and was widespread among the individual industries. Job pickups of 10,000 each were recorded in the primary metals and electrical equipment industries.

Since April, monthly payroll employment gains (seasonally adjusted) have averaged 170,000. This was a significantly slower pace than that experienced during the October-March period, when monthly gains in payroll employment averaged 250,000.

### Hours and Earnings

The average workweek for the Nation's rank and file workers rose one-tenth of an hour in June (seasonally adjusted), as increases in trade and finance offset a decline in construction. For manufacturing production workers, the workweek held steady at 40.7 hours in June (seasonally adjusted); this was equal to the 1968 average and was 0.3 hour below the 1968 peak reached last September.

Average hourly earnings for all workers on private payrolls rose 1 cent in June to \$3.02. Compared with June 1968, hourly earnings were up 18 cents, or 6.3 percent.

Average weekly earnings for production and non-supervisory workers averaged \$115.06, up \$1.85 from May. All major industry divisions posted gains in weekly earnings, ranging from \$1.02 in construction to \$2.38 in mining. Since June 1968, average weekly earnings have risen by \$6.86 (6.3 percent).

Chart 1.

### LABOR FORCE AND EMPLOYMENT

1957 to date  
(Seasonally adjusted)

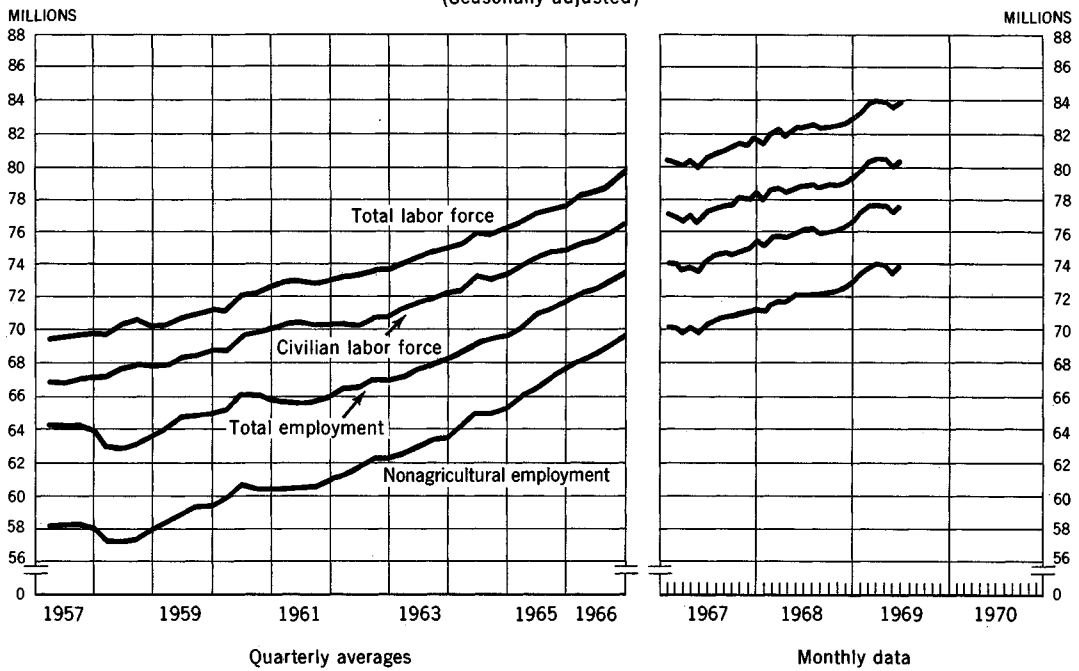
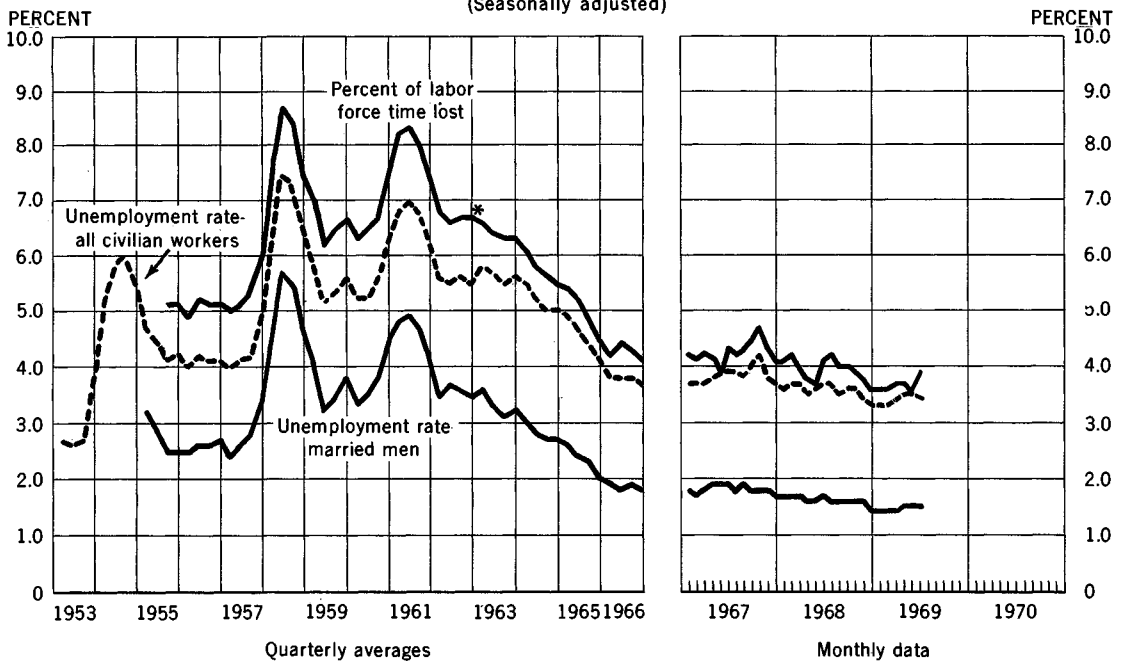


Chart 2.

### MAJOR UNEMPLOYMENT INDICATORS

1953 to date  
(Seasonally adjusted)

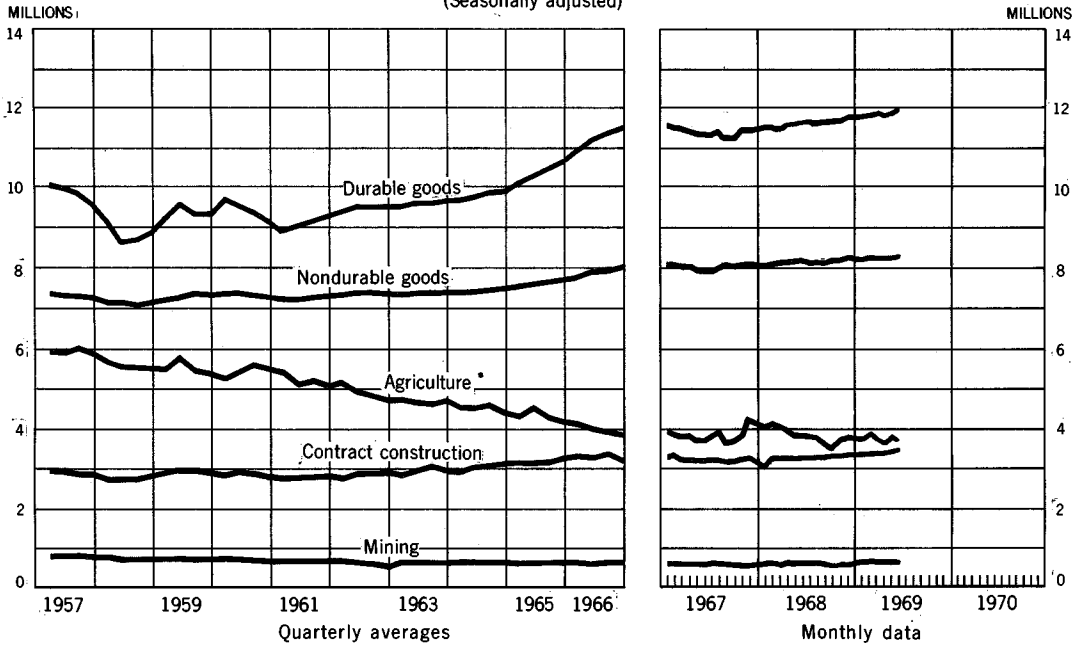


\* Series revised beginning 1963 to reflect whether unemployed persons sought full- or part-time jobs

Chart 3.

### PAYROLL EMPLOYMENT IN GOODS-PRODUCING INDUSTRIES

1957 to date  
(Seasonally adjusted)

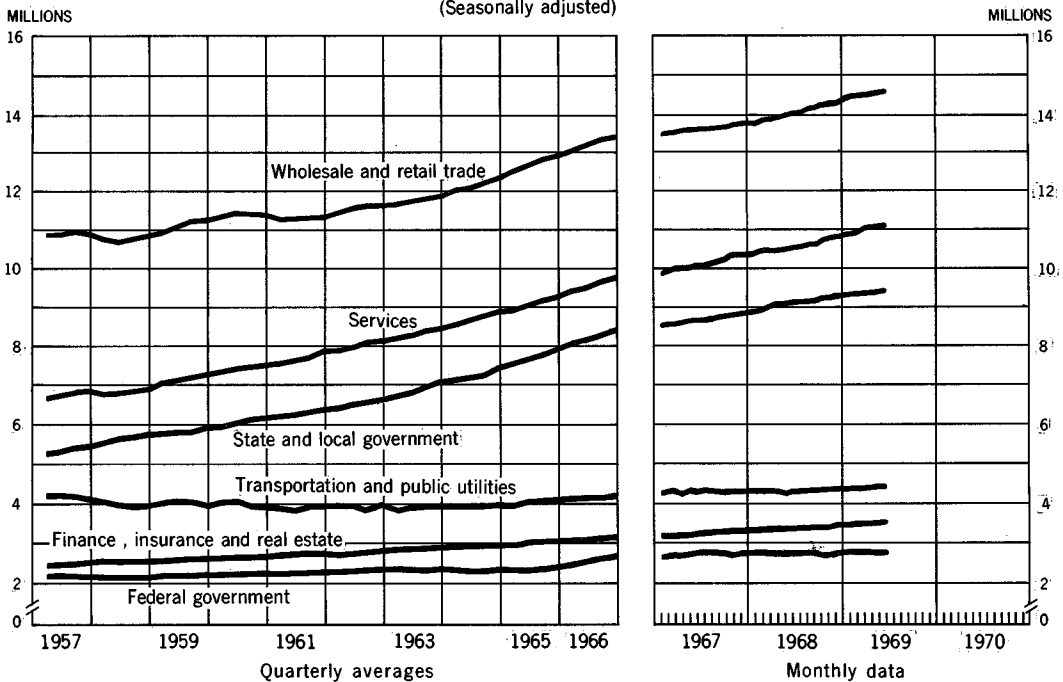


\*Includes self-employed and unpaid family workers.  
Note: Data for 2 most recent months are preliminary.

Chart 4.

### PAYROLL EMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES

1957 to date  
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

Chart 5.

### UNEMPLOYMENT RATES BY AGE AND SEX

1953 to date  
(Seasonally adjusted)

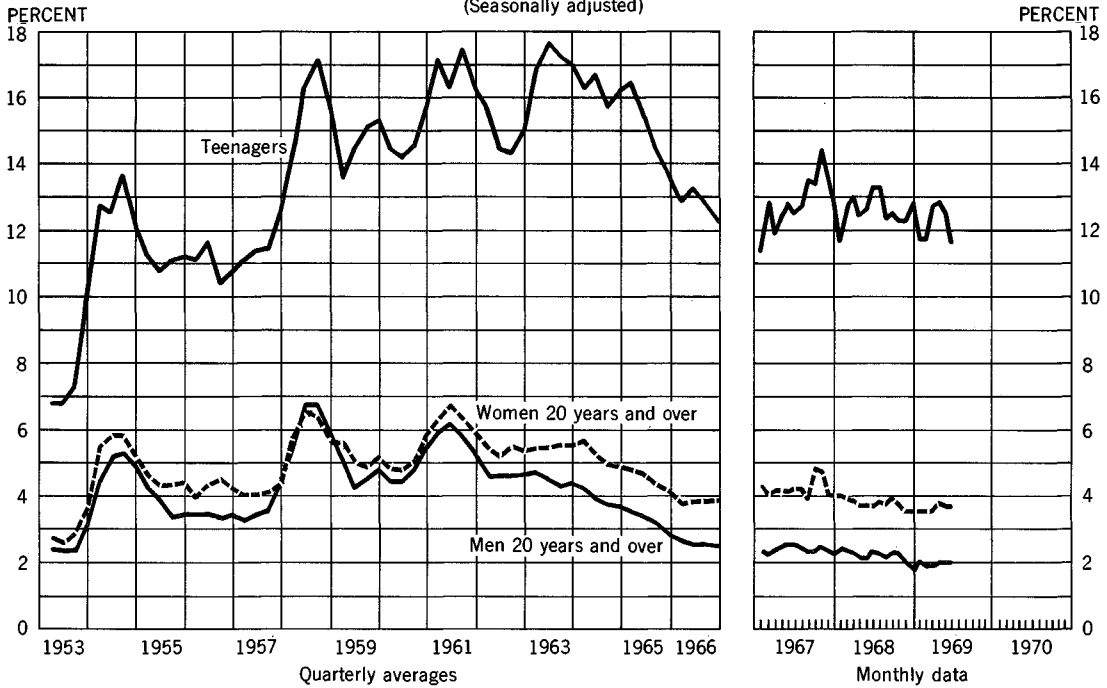


Chart 6.

### TOTAL UNEMPLOYMENT BY DURATION

1953 to date  
(Seasonally adjusted)

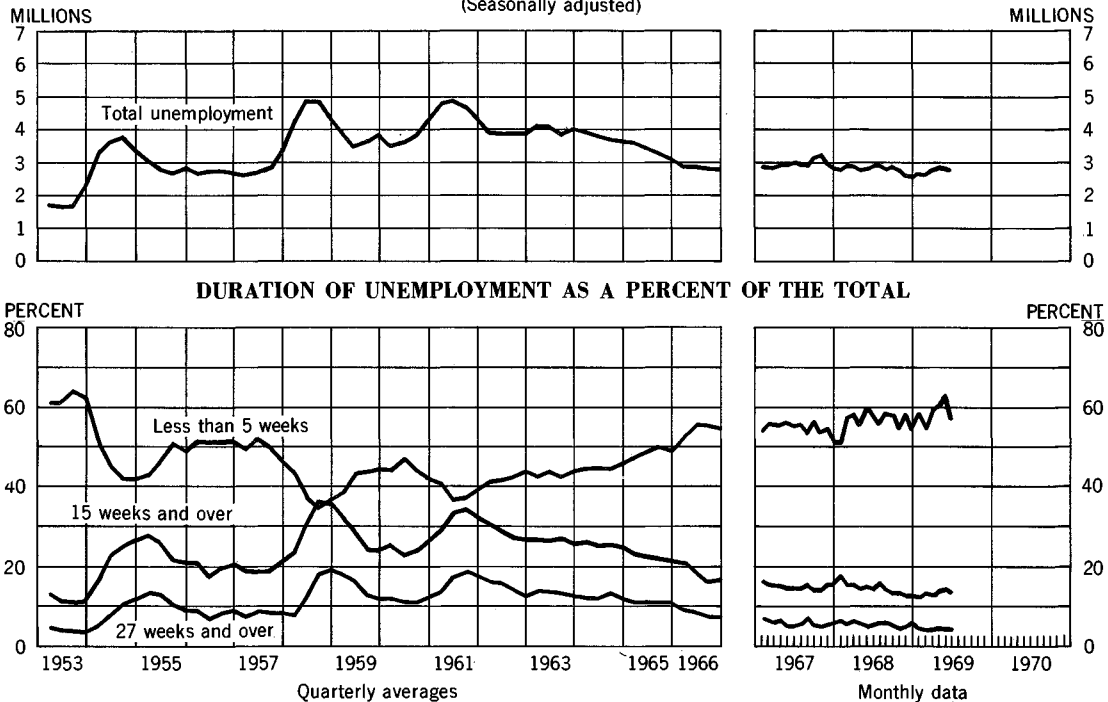
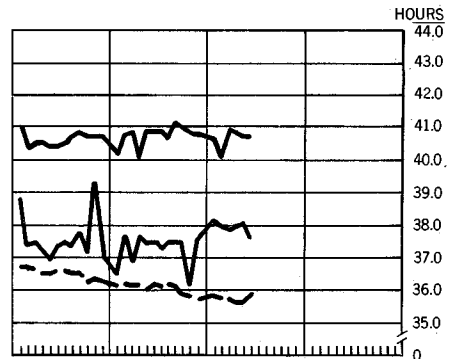
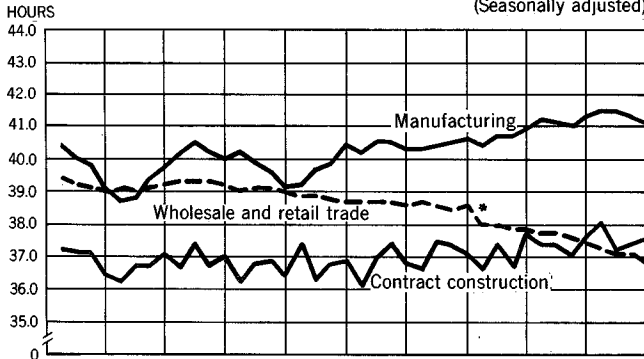


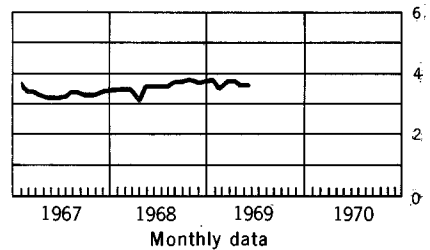
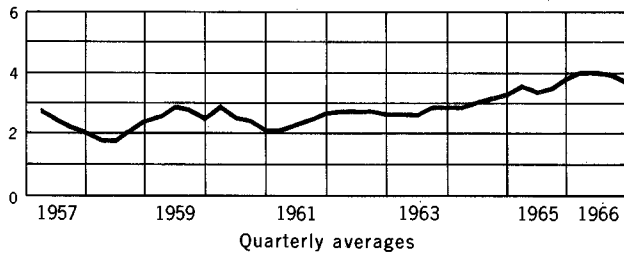
Chart 7.

### HOURS OF WORK IN MANUFACTURING, CONTRACT CONSTRUCTION, AND TRADE

1957 to date  
(Seasonally adjusted)



### OVERTIME HOURS IN MANUFACTURING

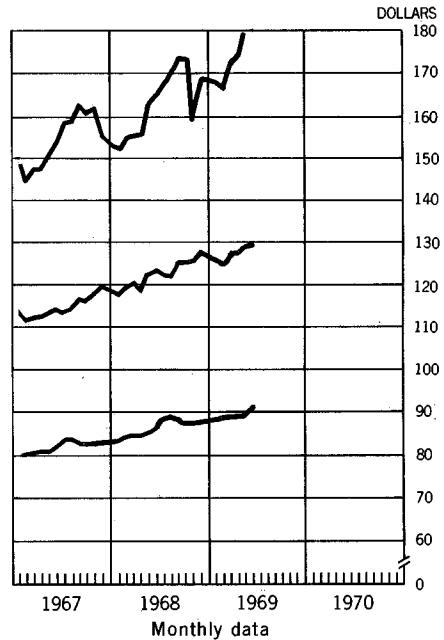
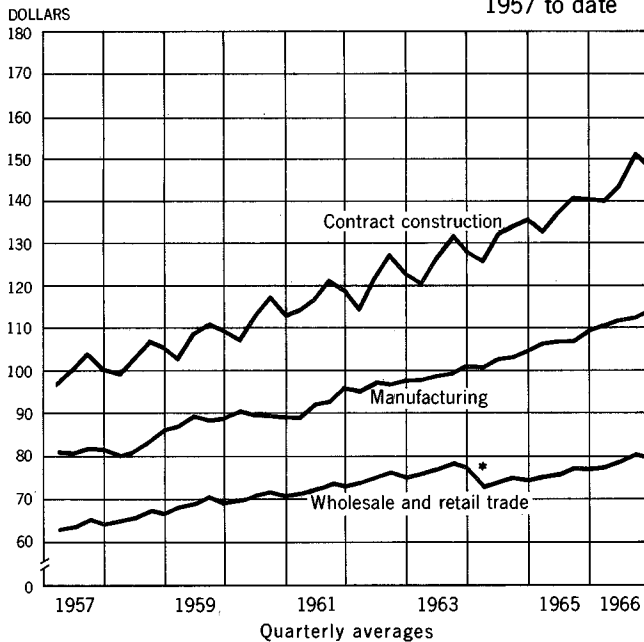


\*Includes eating and drinking establishments, not previously available.  
Note: Data for 2 most recent months are preliminary.

Chart 8.

### AVERAGE WEEKLY EARNINGS IN MANUFACTURING, CONTRACT CONSTRUCTION, AND TRADE

1957 to date

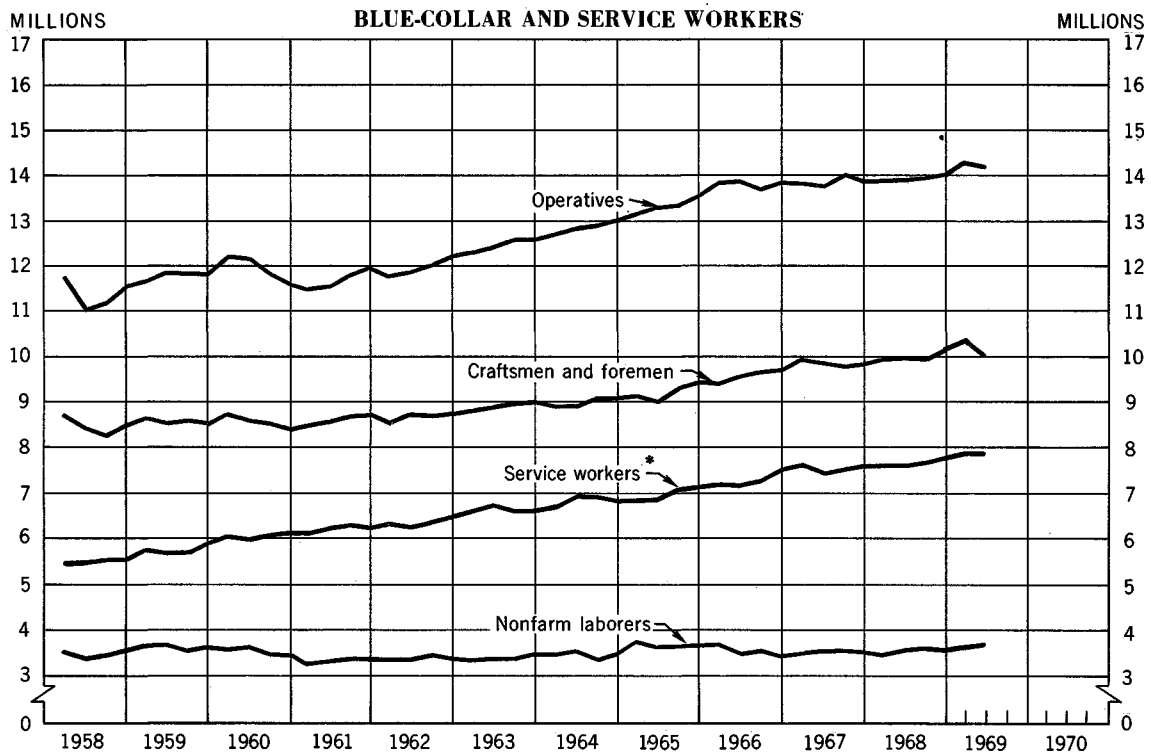
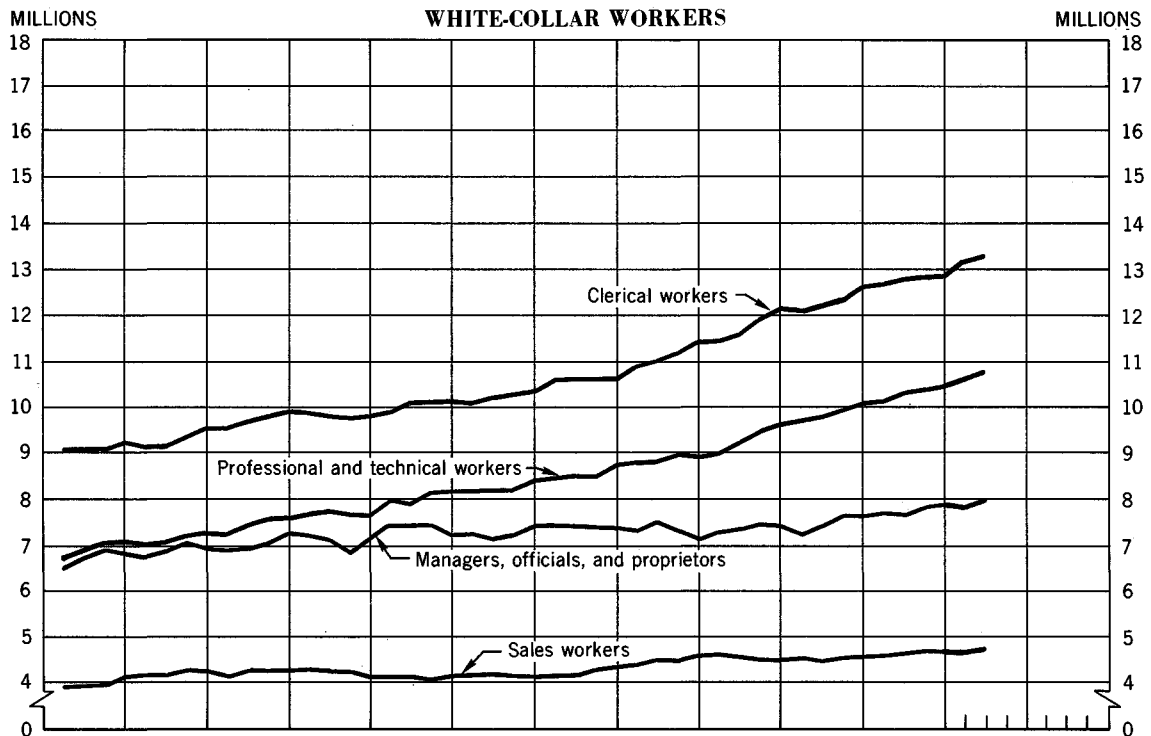


\*Includes eating and drinking establishments, not previously available.  
Note: Data for 2 most recent months are preliminary.

Chart 9.

## EMPLOYMENT IN NONFARM OCCUPATIONS

1958 to date  
(Seasonally adjusted quarterly averages)



\* Excludes household workers.



Chart 10.

# PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES BY FULL- AND PART-TIME STATUS

1957 to date  
(Seasonally adjusted quarterly averages)

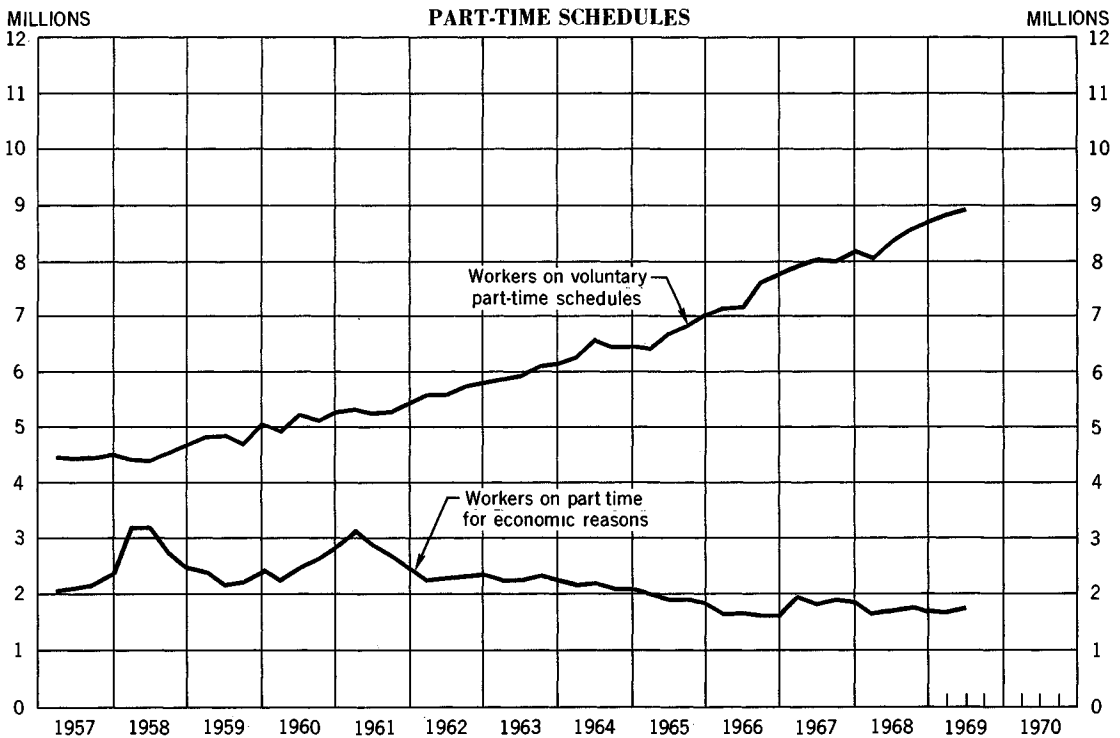
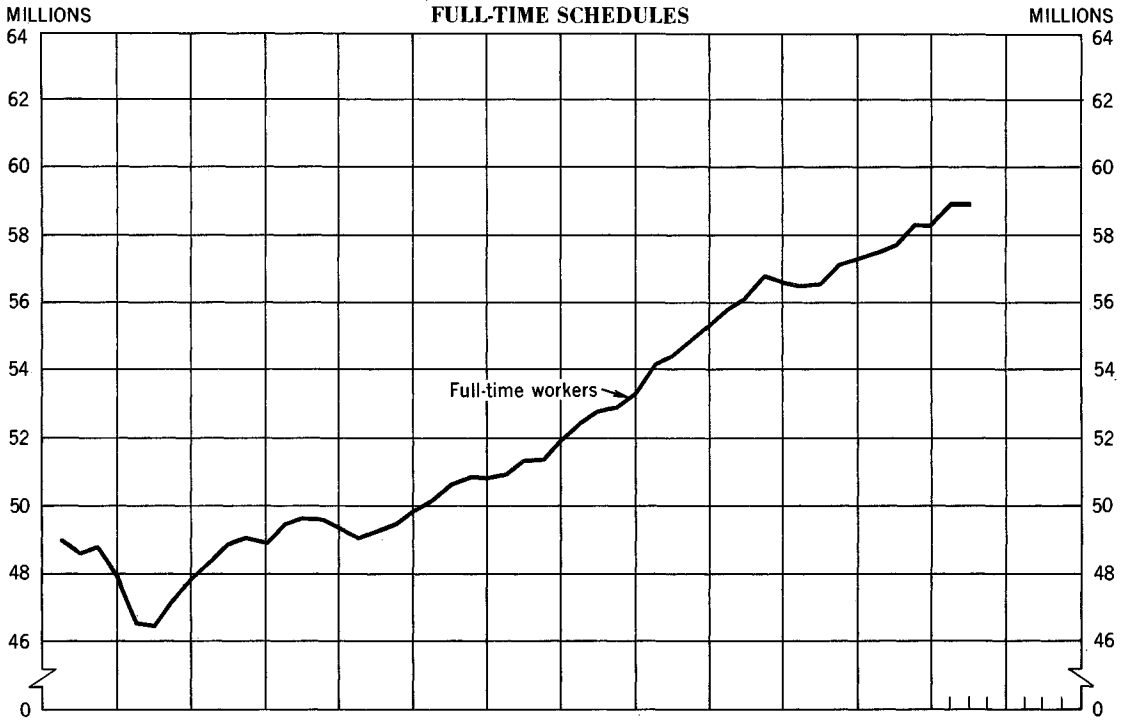


Chart 11.

## UNEMPLOYMENT RATES BY OCCUPATION

1958 to date

(Seasonally adjusted quarterly averages)

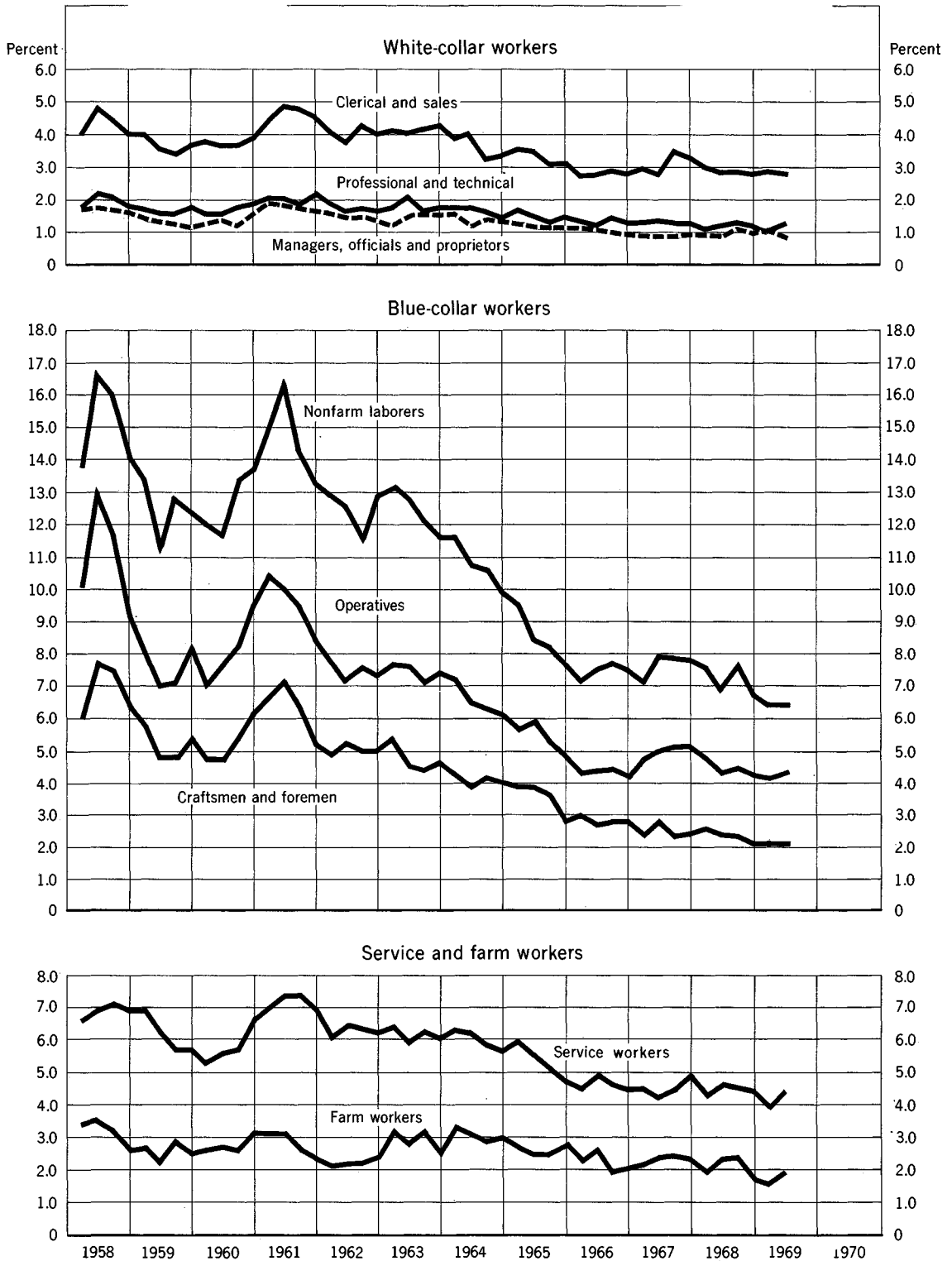


Chart 12.

### UNEMPLOYMENT RATES BY COLOR

1957 to date

(Seasonally adjusted quarterly averages)

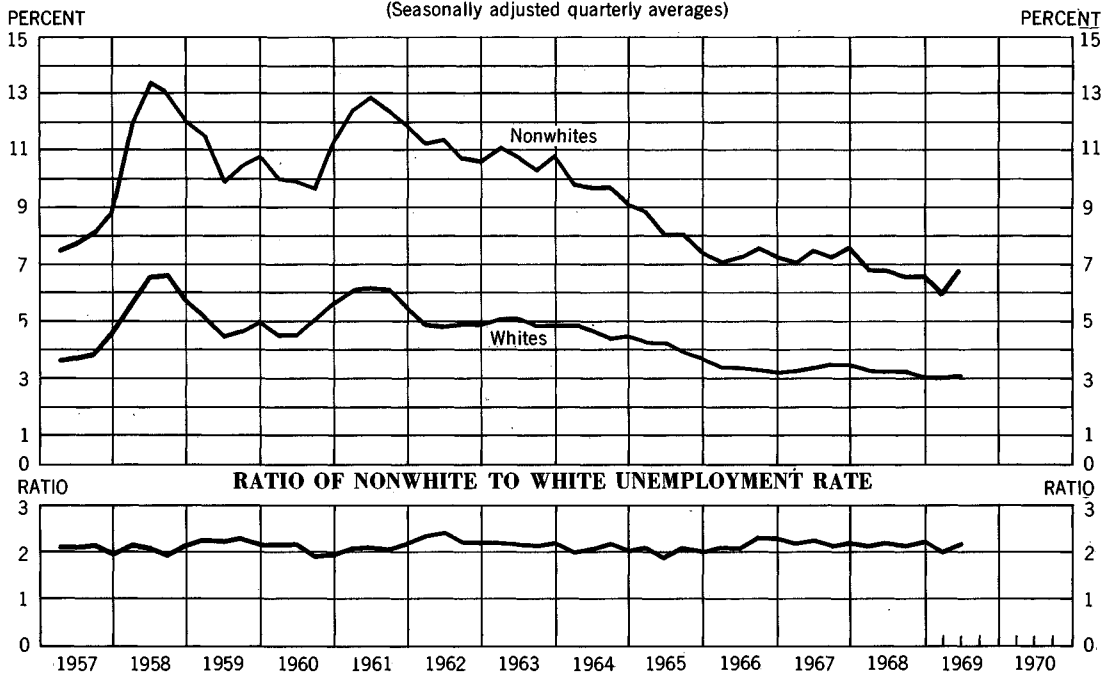
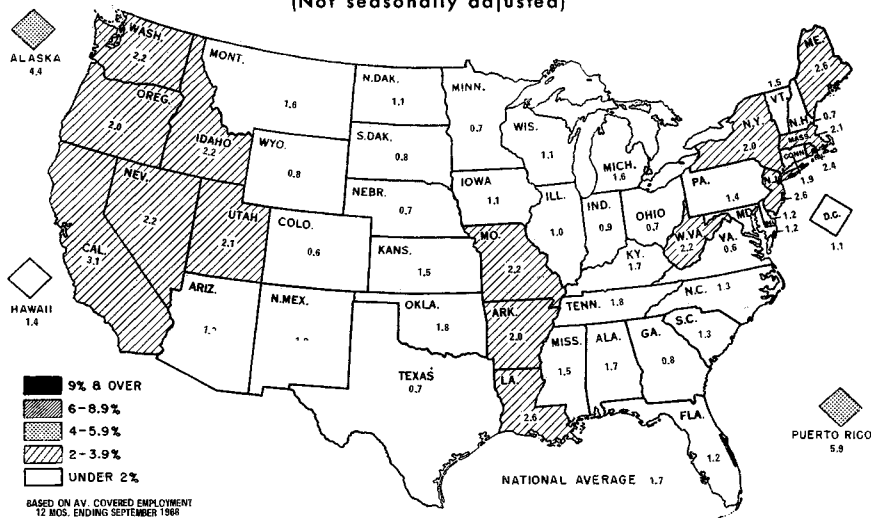


Chart 13.

### STATE INSURED UNEMPLOYMENT RATES

Week ending June 14, 1969

(Not seasonally adjusted)



Insured jobless under State unemployment insurance programs excludes workers who have exhausted their benefit rights, new workers, and persons from jobs not covered by State unemployment insurance programs.

Source: Manpower Administration

## BLS Establishment Employment Estimates Revised to March 1968 Benchmark Levels

\*by Carol Utter

The Bureau of Labor Statistics once again has adjusted its establishment payroll series on employment, hours, earnings, and labor turnover to reflect the most recent complete employment counts available for March 1968. These adjustments, which affect most of the published series, generally mean that the employment series have been revised back to March 1967 (the previous complete count) and forward to the current month's estimate. The series on State and local government employment, on the other hand, have been adjusted to levels shown by the October 1967 Census of Governments and revised back to October 1964. Estimates of hours and earnings and labor turnover, which are weighted by employment estimates, also may be revised as a result of the changes in employment levels.

The March 1968 total benchmark count of 66.5 million workers on nonagricultural establishment payrolls was 0.4 percent or 238,000 lower than the original estimate. The adjustments were quite moderate for all major divisions except for State and local governments. (See table 1.) The latter was revised downward by 330,000 employees due to the introduction of the 1967 Census of Governments' levels which become available only at 5-year intervals.

Benchmarks are an integral part of the Bureau of Labor Statistics establishment payroll survey program. They measure the employment level. The monthly reports submitted by a sample of employers measure month-to-month changes in that level. New benchmark levels are determined in March of each year for each of the most detailed industrial classifications for which estimates are available. The corresponding current estimates are adjusted to the new levels which then are aggregated through successively inclusive series to total nonagricultural employment.

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\*Of the Division of Industry Employment Statistics.

The estimates for State and local governments differed from their benchmarks by 3.6 percent. These estimates had been projected from benchmarks derived from the 1962 Census of Governments, whereas the March 1968 benchmarks are derived from the October 1967 Census of Governments. The long interval between benchmarks—5 years instead of the 1 year interval at which benchmarks can be constructed for other sectors—contributed to the relatively large difference between the estimates and benchmarks, particularly in the local education series. Therefore, revisions were carried back to 1964 instead of to 1967 as for the other series, although the adjustments to the figures in 1965 and 1964 are very small. The Federal Government employment figures are not revised, because the monthly data are total counts prepared by the U.S. Civil Service Commission.

The March 1968 benchmarks were tabulated according to the 1967 Standard Industrial Classification Manual (SIC) whereas previous benchmarks were tabulated on the 1957 SIC as amended by the 1963 Supplement. This change caused several shifts of employees among industries in the trade and services divisions resulting in slightly larger benchmark adjustments. In manufacturing, two new 4-digit industries were created—SIC 3573, Electronic Computing Equipment, and SIC 3574, Calculating and Accounting Machines. These two industries previously were combined under one total—SIC 3571, Computing and Accounting Machines. Several other minor SIC changes in manufacturing did not affect the BLS published levels.

Monthly estimates of employment, hours, and earnings are prepared and published in considerable industrial detail--the three-digit SIC level of most nonmanufacturing industries and the four-digit SIC level for many manufacturing industries. Of the 201 three-digit categories published, the employment estimates for only 12 were revised by 5 percent or more. The distribution of the 201 industry groups, by

Table 1. Comparison of BLS Nonagricultural Employment Estimates With Benchmarks by Industry Division, March 1968

(Employment in thousands)				
Industry division	Benchmark	Estimate	Difference	
			Amount	Percent
Total -----	66,475	66,713	238	0.4
Mining -----	584	594	10	1.7
Contract construction -----	2,981	2,967	-14	-.5
Manufacturing -----	19,490	19,447	-43	-.2
Durable goods -----	11,498	11,440	-58	-.5
Nondurable goods -----	7,992	8,007	15	.2
Transportation and public utilities -----	4,247	4,276	29	.7
Wholesale and retail trade -----	13,622	13,658	36	.3
Wholesale trade -----	3,528	3,581	53	1.5
Retail trade -----	10,094	10,077	-17	-.2
Finance, insurance, and real estate -----	3,313	3,288	-25	-.8
Services -----	10,375	10,290	-85	-.8
Government -----	11,863	12,193	330	2.8
Federal -----	2,699	2,699	0	0
State and local -----	9,164	9,494	330	3.6

employment-size class and by percentage adjustment required, illustrates the tendency for the amount of relative change to vary inversely with the size of employment. (See table 2.)

Table 2. Distribution of 3-Digit SIC Industries by Size of Industry, and Percent Difference Between BLS Estimates and March 1968 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	29	39	56	77
0-0.9-----	74	4	15	20	35
1.0-2.9-----	92	15	14	26	37
3.0-4.9-----	23	3	7	8	5
5.0 and over----	12	7	3	2	-

About 30 percent of nonagricultural workers are employed in manufacturing industries. The importance of this division in size and influence requires that estimates be published in 4-digit SIC detail. The degree of accuracy that can be assigned to the estimates over time is of primary interest. The March 1968 estimates and benchmark levels for the major industry groups in manufacturing appear in table 3. Of the 21

major groups in this division, only 4 were revised by more than 1 percent and none by more than 2 percent. Revisions were somewhat larger for some of the 4-digit component industries, but only 6 percent of these differed from the new benchmark levels by 5 percent or more.

#### Why Estimates Differ From Benchmarks

One reason for differences between estimates and benchmarks lies in the limitation of any sample in representing a universe; that is, a certain amount of error is to be expected from 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. The BLS establishment series, derived from a sample of approximately 160,000 reports, provides estimates at moderate cost within a month following the reference week.

A second reason for differences between estimates and benchmarks is the procedure used in keeping the industrial classification of establishments up to date. Establishments

are classified by industry according to their major activities which are determined by the principal product produced or handled, or services rendered. Many establishments engage in more than one activity. When the composition of their output 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. (See table 3.)

A third reason for benchmark differences arises from the use of bias adjustment factors based on past experience. 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

Table 3. Comparison of Manufacturing Employment Estimates With Benchmarks by Major Industry Group, March 1968

Industry	(Employment in thousands)				Difference without classification changes	
	Employment differences between benchmarks and estimates				Amount	Percent
	Benchmark	Estimate (BLS)	Number of employees	Percent		
Manufacturing -----	19,490	19,447	-43	-0.2	-12	-0.1
Durable goods -----	11,498	11,440	-58	-.5	-48	-.4
Ordnance and accessories -----	334.9	335.3	.4	.1	3.3	1.0
Lumber and wood products -----	584.7	587.2	2.5	.4	2.9	.5
Furniture and fixtures -----	464.0	463.1	-.9	-.2	.5	.1
Stone, clay, and glass products -----	573.5	574.6	1.1	.2	-4.0	-.7
Primary metal industries -----	1,317.3	1,303.5	-13.8	-1.1	-10.5	-.8
Fabricated metal products -----	1,369.6	1,363.3	-6.3	-.5	-9.8	-.7
Machinery, except electrical -----	1,975.8	1,970.3	-5.5	-.3	-7.9	-.4
Electrical equipment and supplies -----	1,966.9	1,943.3	-23.6	-1.2	-14.5	-.7
Transportation equipment -----	2,035.3	2,031.9	-3.4	-.2	-1.2	-.1
Instruments and related products -----	457.2	448.0	-9.2	-2.0	-6.6	-1.4
Miscellaneous manufacturing industries -----	418.6	419.0	.4	.1	-.4	-.1
Nondurable goods -----	7,992	8,007	15	.2	36	.5
Food and kindred products -----	1,689.9	1,690.4	.5	( <sup>1</sup> )	10.1	.6
Tobacco manufactures -----	78.4	79.7	1.3	1.7	1.3	1.7
Textile mill products -----	980.9	975.0	-5.9	-.6	-6.9	-.7
Apparel and other textile products -----	1,408.9	1,418.0	9.1	.6	9.3	.7
Paper and allied products -----	677.8	683.3	5.5	.8	5.8	.9
Printing and publishing -----	1,056.7	1,056.3	-.4	( <sup>1</sup> )	2.0	.2
Chemicals and allied products -----	1,018.4	1,021.8	3.4	.3	4.6	.5
Petroleum and coal products -----	183.0	182.8	-.2	-.1	3.3	1.8
Rubber and plastics products, n. e. c. -----	544.0	543.4	-.6	-.1	6.6	1.2
Leather and leather products -----	354.4	356.1	1.7	.5	0	0

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

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 1967 and 1968, the rate of entry of new firms into service industries was slightly greater than anticipated.

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

In most instances of 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 1964 is presented in table 4.

Table 4. Nonagricultural Employment Estimates by Industry Division, as a Percentage of the Benchmark, 1964-68

Industry division	1968	1967	1966	1965	1964
Total-----	100.4	100.0	99.9	99.5	100.0
Mining-----	101.7	99.5	100.5	99.5	100.0
Contract construc- tion-----	99.5	101.6	99.7	100.9	101.5
Manufacturing-----	99.8	99.5	99.4	99.8	100.2
Transportation and public utilities----	100.7	99.8	99.8	100.1	100.4
Wholesale and retail trade-----	100.3	100.7	100.1	99.4	100.4
Finance, insurance, and real estate----	99.2	100.2	99.6	100.7	99.4
Services-----	99.2	99.8	100.3	97.9	99.7
Government-----	102.8	100.0	100.0	99.8	99.0

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. The latter part of the revision is then subject to change when the March 1969 benchmarks are established.

#### Benchmark Source Material

The most important sources of benchmark information are the tabulations by industry and employment-size group of reporting units, compiled annually by the Manpower Administration, for the first quarter of the calendar year. These tabulations provide monthly employment counts 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 provided to 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 31 States (as of January 1968) provide that employers of fewer than a specified number (usually 4) 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 County Business Patterns by the Bureau of the Census.

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 Welfare Conference (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 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 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 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 1968 benchmark revision are summarized in table 5.

#### Revision of Seasonally Adjusted Data

The BLS uses an adaption of the standard ratio-to-moving average method for seasonally adjusting the employment and weekly hours 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 back for a period of 10 years (in the present instance, from January 1958 forward), whereas the unadjusted series are unchanged prior to April 1967. The changes in the seasonally adjusted levels for the earlier years, however, may be attributed largely to differences due to rounding.

Revised seasonal factors to be used with the 1969 and 1970 estimates are presented on page 126. A detailed description of the BLS seasonal factor method is given in the booklet entitled The BLS Seasonal Factor Method 1966, which may be obtained from the Bureau on request.

#### Employment for Some Industries Not Published Monthly

Monthly employment estimates are published for most of the significant industries in the nonagricultural economy. Those industries for which monthly data are not published either are too small or do not meet established publication standards, e.g., inadequate samples. Employment benchmarks for these industries are presented in table 6.



Table 5. Comparison of Hours, Earnings, and Labor Turnover Estimates Based on Previous (1967) Benchmarks With Estimates Revised to March 1968 Benchmarks, for Selected Major Industries, March 1968

Major industry group	Average weekly hours			Average hourly earnings			Labor turnover rates (per 100 employees)		
	Revised estimate	Previous estimate	Difference	Revised estimate	Previous estimate	Difference	Revised estimate	Previous estimate	Difference
Total private -----	37.6	37.6	0	2.79	2.79	0	-	-	-
Mining -----	41.8	41.8	0	3.29	3.28	-0.01	4.8	4.8	0
Contract construction -----	36.2	36.2	0	4.30	4.28	-.02			
Manufacturing -----	40.6	40.6	0	2.96	2.96	0	3.9	3.9	
Durable goods -----	41.3	41.3	0	3.14	3.14	0	3.8	3.8	0
Ordnance and accessories -----	41.5	41.6	0.1	3.23	3.22	-.01	3.4	3.5	0.1
Lumber and wood products -----	40.2	40.2	0	2.50	2.50	0	6.3	6.3	0
Furniture and fixtures -----	40.5	40.5	0	2.43	2.43	0	5.1	5.1	0
Stone, clay, and glass products -----	41.1	41.1	0	2.89	2.90	.01	5.0	5.0	0
Primary metal industries -----	41.9	41.9	0	3.49	3.49	0	3.2	3.2	0
Fabricated metal products -----	41.3	41.3	0	3.10	3.11	.01	4.7	4.7	0
Machinery, except electrical Electrical equipment and supplies -----	42.3	42.3	0	3.33	3.33	0	2.8	2.8	0
Transportation equipment -----	40.1	40.1	0	2.88	2.88	0	3.2	3.2	0
Instruments and related products -----	42.0	42.0	0	3.61	3.61	0	3.7	3.7	0
Miscellaneous manufacturing industries -----	40.7	40.7	0	2.93	2.94	.01	2.5	2.5	0
Miscellaneous manufacturing industries -----	39.6	39.6	0	2.49	2.49	0	5.7	5.7	0
Nondurable goods -----	39.7	39.7	0	2.69	2.69	0	4.2	4.2	0
Food and kindred products -----	40.1	40.1	0	2.76	2.77	.01	5.0	5.0	0
Tobacco manufactures -----	37.1	37.1	0	2.48	2.48	0	2.3	2.3	0
Textile mill products -----	41.4	41.4	0	2.17	2.17	0	4.9	4.8	-.1
Apparel and other textile products -----	36.6	36.6	0	2.19	2.19	0	5.1	5.1	0
Paper and allied products -----	42.4	42.4	0	2.97	2.97	0	3.4	3.4	0
Printing and publishing -----	38.2	38.2	0	3.41	3.42	.01	3.1	3.1	0
Chemicals and allied products -----	41.6	41.6	0	3.19	3.19	0	2.6	2.5	-.1
Petroleum and coal products -----	41.8	41.8	0	3.69	3.69	0	1.8	1.8	0
Rubber and plastics products n. e. c. -----	41.1	41.1	0	2.85	2.85	0	4.3	4.3	0
Leather and leather products -----	38.4	38.4	0	2.22	2.22	0	5.3	5.3	0
Trade -----	35.8	35.8	0	2.36	2.37	.01			
Finance, insurance, and real estate -----	37.0	37.1	.1	2.68	2.69	.01			

TABLE 6: EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY  
MARCH 1959, and 1961 - 1968

Industry title	Industry Code	All employees (in thousands)									
		March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959	
Total industries <sup>1</sup> . . . . .		66,475	64,662	62,285	59,058	56,898	55,289	54,230	52,629	52,019	
Mining <sup>1</sup> . . . . .	10-14	584	610	617	618	615	614	645	658	731	
Lead and zinc ores . . . . .	103	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	18.4	18.0	16.9	16.0	15.9	17.3	19.3	21.0	20.6	
Anthracite mining . . . . .	11	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	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	2,981	2,875	2,989	2,795	2,668	2,518	2,480	2,457	2,562	
Carpentering and flooring . . . . .	175	82.5	77.2	87.8	82.7	81.6	74.6	71.1	68.7	70.8	
Concrete work . . . . .	177	61.5	55.9	62.7	57.4	60.3	56.9	56.1	48.7	52.3	
Other special trade contractors . . . . .	178,9	297.2	278.9	279.4	258.0	240.5	225.9	226.5	220.1	221.4	
Water well drilling . . . . .	178	12.6	12.9	13.8	13.8	13.2	-	-	-	-	
Misc. special trade contractors . . . . .	179	284.6	266.0	265.6	244.2	227.3	-	-	-	-	
Manufacturing <sup>1</sup> . . . . .	19-39	19,490	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	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	95.9	68.3	25.4	15.5	20.9	21.0	14.7	9.1	9.5	
Sighting and fire control equipment . . . . .	194	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	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	37.5	37.4	39.6	37.9	35.1	33.7	34.2	31.9	35.1	
Prefabricated wood structures . . . . .	2433	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	8.1	8.1	8.0	8.1	8.3	8.6	9.0	9.5	10.6	
Other household furniture . . . . .	2514,9	36.8	34.7	35.8	35.4	33.3	33.2	32.9	30.1	34.1	
Public building furniture . . . . .	253	28.4	27.9	27.3	23.2	22.1	20.2	19.6	19.7	20.9	
Miscellaneous furniture and fixtures . . . . .	259	23.6	23.6	22.9	22.6	21.3	20.1	20.1	19.1	21.9	
Products of purchased glass . . . . .	323	27.2	22.4	23.0	21.1	19.6	18.9	18.0	16.2	17.0	
Clay refractories . . . . .	3255	13.6	15.2	14.9	14.3	13.1	12.8	14.7	14.1	16.1	
Other structural clay products . . . . .	3253,9	21.0	21.3	24.0	23.2	24.8	24.1	23.2	23.6	25.8	
Cut stone and stone products . . . . .	328	16.4	16.6	17.2	17.9	18.2	17.5	17.5	18.0	18.0	
Misc. nonmetallic mineral products . . . . .	329	118.3	117.7	116.4	109.0	105.6	100.3	100.0	94.0	104.9	
Asbestos products . . . . .	3292	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	66.0	65.7	64.4	60.7	58.7	55.1	53.7	50.6	54.3	
Steel pipe and tubes . . . . .	3317	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	51.8	53.0	52.5	52.0	48.8	47.9	50.7	44.0	51.4	
Steel wire and related products . . . . .	3315	20.7	22.5	21.3	21.0	20.4	-	-	-	-	
Cold finishing of steel shapes . . . . .	3316	19.7	19.7	18.6	18.7	16.4	-	-	-	-	
Primary nonferrous metals . . . . .	333	52.1	65.4	60.7	57.8	55.0	52.9	54.0	52.1	57.9	
Primary copper . . . . .	3331	6.4	16.4	16.0	15.4	15.3	15.4	15.9	14.4	14.9	
Primary lead . . . . .	3332	1.8	3.4	3.4	3.3	3.2	3.2	3.3	4.8	5.4	
Primary zinc . . . . .	3333	7.9	10.2	9.6	9.3	8.9	8.7	9.0	7.3	9.8	
Primary aluminum <sup>2</sup> . . . . .	3334	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	8.7	9.2	8.2	7.6	6.9	7.5	7.9	9.3	8.8	
Secondary nonferrous metals . . . . .	334	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	24.2	24.1	22.3	19.4	17.7	17.3	17.2	17.3	16.9	
Brass, bronze, and copper castings . . . . .	3362	18.6	19.1	18.9	17.6	16.6	-	-	-	-	
Nonferrous castings, n e c . . . . .	3369	24.4	25.3	26.4	22.4	20.4	-	-	-	-	
Misc. primary metal products, n e c . . . . .	3392,9	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	41.7	43.4	41.5	39.0	36.9	-	-	-	-	
Cutlery, handsaws, and saw blades . . . . .	3421,5	21.4	22.3	21.2	20.2	18.0	-	-	-	-	
Metal sanitary ware . . . . .	3431	13.3	12.9	13.8	14.3	14.6	-	-	-	-	
Plumbing fittings and brass goods . . . . .	3432	23.2	21.9	23.1	22.9	21.7	-	-	-	-	
Architectural metal work . . . . .	3446	27.1	24.8	25.5	23.6	19.5	-	-	-	-	
Miscellaneous metal work . . . . .	3449	18.6	17.3	16.6	15.4	15.2	-	-	-	-	
Metal barrels, drums, and pails . . . . .	3491	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	44.6	46.3	48.1	45.5	43.6	40.4	37.5	32.4	32.0	
Construction machinery . . . . .	3531	126.8	125.6	122.7	113.9	107.0	-	-	-	-	
Mining machinery . . . . .	3532	24.7	25.7	25.5	23.7	20.8	-	-	-	-	
Elevators and moving stairways . . . . .	3534	14.7	15.1	15.8	15.7	15.1	14.2	13.9	13.1	13.3	

See footnotes at end of table.

TABLE 6: EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY  
MARCH 1959, and 1961 - 68 - Continued

Industry title	Industry Code	All employees (in thousands)								
		March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Durable goods - Continued										
Conveyors and conveying equipment . . . . .	3535	25.1	24.2	23.2	21.3	18.4	-	-	-	-
Lifts, cranes, and monorails . . . . .	3536	11.9	16.9	16.3	14.3	13.1	-	-	-	-
Industrial trucks and tractors <sup>2</sup> . . . . .	3537	32.3	31.3	30.0	25.0	23.4	20.2	19.9	18.7	18.2
Machine tools, metal forming types . . . . .	3542	25.8	26.6	25.4	22.7	21.0	-	-	-	-
Metal working machinery, n e c . . . . .	3548	52.9	54.0	50.7	48.6	46.5	-	-	-	-
Paper industries machinery . . . . .	3554	21.8	23.0	20.9	20.1	19.3	18.6	17.5	16.8	15.8
Other special industry machinery . . . . .	3553,9	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	31.2	30.7	28.5	27.4	24.3	24.2	23.2	21.4	21.1
Other general industrial machinery & equip. . . . .	3565,7,9	61.2	63.0	60.4	54.1	48.4	47.8	45.7	42.9	39.4
Typewriters . . . . .	3572	24.8	25.6	20.4	18.6	18.6	18.9	18.6	20.5	21.6
Calculating and accounting machines . . . . .	3574	37.9	40.2	-	-	-	-	-	-	-
Scales, balances, & office machines, n e c . . . . .	3576,9	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	48.2	47.3	45.2	41.2	39.2	38.7	39.5	36.9	34.5
Carbon and graphite products . . . . .	3624	13.4	13.4	12.8	12.2	11.8	11.1	11.2	10.8	10.5
Other electrical industrial apparatus	3623,9	24.9	25.7	25.0	22.8	20.8	20.3	23.9	22.2	20.6
Sewing machines . . . . .	3636	8.5	9.3	8.9	9.1	10.2	9.6	9.5	11.5	10.6
Other household appliances . . . . .	3631,5,9	43.9	40.4	38.1	39.0	38.5	36.4	35.7	35.2	37.3
Current-carrying wiring devices . . . . .	3643	75.1	80.9	72.5	61.9	54.4	-	-	-	-
Noncurrent-carrying wiring devices . . . . .	3644	22.5	21.7	20.4	18.0	17.0	-	-	-	-
Semiconductors . . . . .	3674	107.7	96.6	97.5	69.4	48.0	-	-	-	-
Electronic components, n e c . . . . .	3679	201.4	219.6	199.6	157.9	147.6	-	-	-	-
Storage batteries . . . . .	3691	21.1	22.4	20.5	19.3	17.8	18.0	17.3	15.8	16.1
Primary batteries, dry and wet . . . . .	3692	11.8	10.6	10.0	8.5	8.5	8.2	9.5	8.3	9.4
Other misc. electrical machinery . . . . .	3693,9	19.0	17.6	16.8	14.6	14.8	15.7	16.7	16.3	16.6
Truck trailers <sup>2</sup> . . . . .	3715	27.1	27.1	28.5	23.6	22.4	21.2	19.6	15.4	20.1
Locomotives and parts . . . . .	3741	16.5	18.4	19.7	19.6	17.1	16.1	15.1	12.8	17.2
Railroad and street cars . . . . .	3742	31.7	39.3	40.1	35.5	32.3	27.0	25.2	21.6	22.2
Motorcycles, bicycles, and parts . . . . .	375	12.2	11.5	11.1	8.7	9.0	-	-	-	-
Miscellaneous transportation equipment . . . . .	379	62.9	50.9	51.3	43.9	38.8	-	-	-	-
Optical instruments and lenses . . . . .	383	19.6	19.4	16.9	14.6	14.1	13.8	12.7	12.2	10.9
Precious metal jewelry & lapidary work . . . . .	3911-3	37.0	36.2	34.4	32.0	30.0	29.7	30.5	28.7	27.6
Silverware and plated ware . . . . .	3914	15.0	14.7	14.3	13.0	12.4	11.5	11.4	13.3	15.0
Miscellaneous manufactures . . . . .	399	142.6	143.8	144.1	140.6	137.6	134.1	133.9	130.0	136.5
Nondurable goods <sup>1</sup> . . . . .	20-23, 26-31	7,992	7,901	7,764	7,501	7,303	7,254	7,245	7,112	7,145
Condensed and evaporated milk . . . . .	2023	13.0	13.7	13.1	13.7	13.4	14.1	14.5	15.2	16.0
Cheese and creamery butter . . . . .	2021,2	33.9	34.7	34.8	33.7	34.6	36.6	38.7	40.0	39.4
Canned specialties . . . . .	2032	30.5	29.9	29.6	27.4	27.1	-	-	-	-
Canned fruits and vegetables . . . . .	2033	72.7	76.8	73.6	70.6	66.5	-	-	-	-
Dehydrated and pickled foods . . . . .	2034,5	29.4	29.4	29.6	27.0	27.0	26.9	25.9	26.3	25.6
Wet corn milling . . . . .	2046	17.0	17.0	17.1	17.2	17.0	16.8	16.9	16.4	17.2
Other grain mill products . . . . .	2043-5	22.4	22.5	22.4	21.5	21.7	21.6	21.0	20.6	20.8
Raw cane sugar . . . . .	2061	9.2	9.0	9.8	10.1	9.9	9.4	8.6	9.1	9.6
Cane sugar refining . . . . .	2062	11.8	11.8	11.6	12.0	12.9	13.2	13.5	14.6	16.3
Beet sugar . . . . .	2063	8.8	8.9	9.5	9.2	10.8	7.2	7.0	7.3	7.1
Chocolate and cocoa prod., chewing gum . . . . .	2072,3	15.2	15.2	14.2	13.6	15.1	14.6	14.7	14.6	13.5
Distilled liquor, except brandy . . . . .	2085	20.4	21.1	21.6	18.9	19.5	20.1	20.0	20.5	21.3
Other beverages and related prod. . . . .	2083,4,7	20.4	20.7	19.5	19.3	18.2	17.3	17.3	17.4	17.8
Vegetable oil mills . . . . .	2091-3	16.0	17.7	19.5	19.5	19.7	20.1	20.3	21.3	22.6
Miscellaneous food preparations . . . . .	2094-9	125.9	124.6	123.8	121.2	120.4	121.2	120.4	118.1	116.3
Chewing and smoking tobacco . . . . .	213	4.9	4.9	5.0	5.2	5.7	5.7	5.7	5.9	6.5
Tobacco stemming and redrying . . . . .	214	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	33.5	31.8	29.7	26.4	25.1	22.3	20.3	19.3	18.3
Yarn mills . . . . .	2281,3	89.9	86.5	89.2	82.3	79.1	76.2	79.5	76.1	87.1
Yarn throwing, winding, & thread mills . . . . .	2282,4	29.8	27.6	25.5	24.5	24.5	23.5	23.3	20.6	21.4
Cordage and twine . . . . .	2298	11.1	11.6	10.9	10.9	11.5	11.0	10.2	9.6	11.4
Misc. textile goods, n e c . . . . .	2291-7,9	69.4	66.0	66.8	60.0	55.5	55.4	56.0	53.5	61.1
Men's and boys' underwear . . . . .	2322	17.9	18.3	17.0	15.7	14.3	14.4	14.1	13.1	12.4

TABLE 6: EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY  
MARCH 1959, and 1961 - 68 - Continued

Industry title	Industry Code	All employees (in thousands)								
		March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
<b>Nondurable goods - Continued</b>										
Men's and boys' neckwear & clothing, n e c . . . . .	2323,9	63.4	64.0	61.3	56.3	52.0	51.5	50.2	45.4	46.0
Children's other outerwear . . . . .	2363,9	45.1	43.1	45.0	45.4	39.7	43.1	43.1	40.3	39.5
Fur goods . . . . .	237	7.5	7.4	8.3	7.8	8.1	7.9	8.3	7.8	8.8
Miscellaneous apparel & acces. . . . .	238	72.3	72.1	68.9	66.3	63.2	63.9	63.0	59.4	59.6
Fabric dress and work gloves . . . . .	2381	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	56.7	56.1	53.5	51.5	48.7	49.1	48.6	45.6	45.2
Textile bags . . . . .	2393	10.7	10.3	9.1	8.5	8.1	8.7	8.9	9.0	9.1
Other fabricated textile prod. . . . .	2394-7,9	100.7	98.3	96.8	93.2	85.2	84.6	81.6	79.0	72.8
Pulp mills . . . . .	261	13.8	11.5	10.4	10.4	10.4	-	-	-	-
Paper mills, except building paper . . . . .	262	187.9	189.6	185.8	185.1	185.7	-	-	-	-
Misc. converted paper products, exc. bags . . . . .	2641,2,4-7,9	135.1	134.5	127.0	118.7	112.1	110.7	109.0	102.9	91.6
Paper coating and glazing . . . . .	2641	44.1	42.4	39.1	36.6	34.1	-	-	-	-
Envelopes . . . . .	2642	22.3	22.9	21.9	20.5	20.9	-	-	-	-
Other misc. converted paper prod. . . . .	2644-7,9	68.7	69.2	66.0	61.6	57.1	-	-	-	-
Folding paperboard boxes . . . . .	2651	48.0	44.7	43.1	41.9	42.6	-	-	-	-
Set-up paperboard boxes . . . . .	2652	20.0	20.2	20.9	20.6	20.0	-	-	-	-
Building paper and board mills . . . . .	266	12.6	13.6	14.9	14.4	14.9	-	-	-	-
Sanitary food containers <sup>2</sup> . . . . .	2654	31.3	31.0	30.0	28.4	30.1	29.8	28.2	27.0	22.4
Fiber cans, drums, & related material . . . . .	2655	18.8	17.2	15.2	14.6	14.0	14.0	13.0	10.9	12.6
Book publishing . . . . .	2731	70.7	66.4	61.3	56.9	54.8	-	-	-	-
Book printing . . . . .	2732	24.5	27.9	26.2	24.0	22.3	-	-	-	-
Engraving and plate printing . . . . .	2753	11.4	11.1	11.1	11.1	10.6	11.0	10.7	10.3	10.5
Greeting card publishing . . . . .	277	25.3	25.0	22.5	20.5	19.7	19.5	19.6	19.1	18.5
Misc. publishing & printing ind. . . . .	274,6,9	113.5	109.1	103.0	100.0	96.6	92.5	91.7	89.5	83.7
Miscellaneous publishing . . . . .	274	34.7	30.6	29.4	27.9	27.4	-	-	-	-
Manifold business forms . . . . .	276	36.0	35.5	33.1	30.8	28.2	-	-	-	-
Printing trade services . . . . .	279	42.7	43.0	40.5	41.3	41.0	-	-	-	-
Blankbooks and looseleaf binders . . . . .	2782	26.3	25.4	23.8	23.0	21.7	-	-	-	-
Book binding and related work . . . . .	2789	29.3	31.2	29.5	27.0	26.4	-	-	-	-
<b>Industrial gases, crudes, &amp; pigments . . . . .</b>										
2813,5,6	65.4	63.6	62.1	58.9	56.7	55.0	53.1	51.8	53.4	
Synthetic rubber . . . . .	2822	14.0	13.6	13.8	12.8	13.6	13.4	13.0	11.0	10.1
Other drugs and medicines . . . . .	2831,3	30.6	34.2	31.2	30.2	29.1	28.9	27.9	26.6	29.0
<b>Polishing, sanitation, &amp; finishing preparations . . . . .</b>										
2842,3	29.1	30.8	29.6	29.0	27.9	27.1	27.1	26.9	24.2	
Agricultural chemicals, n e c . . . . .	2879	16.9	15.6	14.1	13.7	13.4	12.5	12.1	11.3	9.2
Gum and wood chemicals . . . . .	286	6.9	6.6	6.9	6.9	7.0	8.5	8.2	8.8	7.7
Miscellaneous chemical products . . . . .	289	107.6	100.2	80.7	72.0	70.7	73.5	72.6	69.4	70.1
Explosives <sup>2</sup> . . . . .	2892	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	62.9	62.1	56.8	53.8	52.8	53.4	52.9	51.8	52.5
Paving and roofing materials . . . . .	295	24.5	23.8	24.7	24.5	24.3	-	-	-	-
Misc. petroleum and coal products . . . . .	299	9.5	8.7	9.2	8.4	8.3	-	-	-	-
Rubber footwear <sup>2</sup> . . . . .	302	26.8	26.5	26.2	29.5	26.7	27.9	26.8	22.9	21.6
Reclaimed and fabricated rubber prod. . . . .	303,6	153.5	149.8	149.7	141.6	135.4	135.4	130.5	118.0	128.3
Footwear cut stock . . . . .	313	14.1	13.5	13.6	13.7	13.3	14.6	17.1	17.7	18.2
Luggage <sup>2</sup> . . . . .	316	20.8	20.4	20.4	18.3	16.9	16.6	15.7	14.6	15.8
Misc. leather products, n e c . . . . .	312,5,9	16.7	17.7	17.6	17.5	17.0	16.8	16.7	16.3	17.5
Leather gloves and mittens . . . . .	315	5.3	6.0	5.8	6.3	6.1	-	-	-	-
Industrial helting & leather goods, n e c . . . . .	312,9	11.4	11.7	11.8	11.2	10.9	-	-	-	-
<b>Transportation and public utilities<sup>1</sup> . . . . .</b>										
40-49	4,247	4,200	4,064	3,963	3,869	3,847	3,865	3,846	3,959	
Class II railroads . . . . .	4011-2	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	23.9	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	16.1	16.6	12.9	8.6	8.5	9.0	9.7	10.2
Other passenger transit services . . . . .	414,5,7	49.0	45.1	41.6	37.4	33.6	31.3	27.7	25.3	19.0
School busses . . . . .	415	41.8	38.4	35.6	31.3	28.3	-	-	-	-
Charter service & bus terminal facilities . . . . .	414,7	7.2	6.7	6.0	6.1	5.3	-	-	-	-

See footnotes at end of table.

**TABLE 6: EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY**  
**MARCH 1959, and 1961 - 68 - Continued**

Industry title	Industry Code	All employees (in thousands)								
		March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
<b>Transportation and public utilities<sup>1</sup> - Continued</b>										
Trucking and trucking terminals <sup>2</sup> . . .	421,3	927.5	909.6	888.2	846.5	804.7	793.6	774.2	729.9	725.7
Water transportation <sup>2</sup> . . . . .	44	230.8	234.5	231.0	237.1	222.3	224.1	220.8	222.4	231.7
Deep sea transportation . . . . .	441,2	82.7	86.7	83.2	80.4	82.5	83.2	83.4	84.3	83.3
Great Lakes transportation . . . . .	443	3.0	3.0	3.0	3.4	2.8	2.2	2.8	2.8	4.0
River, canal and local waters transp. . . . .	444,5	34.6	33.8	33.6	32.0	29.8	29.2	29.2	27.6	29.5
Water transportation services . . . . .	446	110.5	111.0	111.2	121.3	107.2	109.5	105.4	107.7	114.9
Air transportation services . . . . .	458	30.8	27.7	24.1	22.2	21.5	21.4	21.0	20.2	17.2
Transportation services <sup>2</sup> . . . . .	47	98.2	98.2	90.3	83.6	81.5	79.5	76.8	74.6	68.6
Communication services, n e c . . . . .	489	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>	<b>50,52-59</b>	<b>13,622</b>	<b>13,236</b>	<b>12,808</b>	<b>12,242</b>	<b>11,814</b>	<b>11,434</b>	<b>11,213</b>	<b>11,051</b>	<b>10,771</b>
Farm product raw materials . . . . .	505	90.0	94.1	93.2	92.4	91.2	91.7	92.3	95.2	91.8
Other general merchandising . . . . .	534,5,9	294.4	272.7	256.7	249.6	242.9	227.5	224.9	219.2	202.8
Candy, nut, and confectionery stores . . . . .	544	29.1	30.3	28.3	28.2	29.1	28.8	28.4	31.9	34.2
Retail bakeries . . . . .	546	97.8	96.8	97.4	96.3	95.4	95.3	93.0	94.2	90.7
Other food stores . . . . .	545,9	38.8	40.9	45.3	45.4	46.3	45.2	44.3	45.5	47.3
New and used car dealers . . . . .	551	698.1	683.1	691.3	669.3	638.6	620.6	591.9	589.5	602.8
Used car dealers . . . . .	552	41.9	41.3	45.0	45.3	44.6	43.2	40.7	41.6	42.1
Women's accessory & spec. stores . . . . .	563	30.0	30.7	29.3	29.1	31.2	30.5	32.0	35.2	36.3
Other clothing stores . . . . .	564,7-9	38.2	38.5	37.6	36.6	37.6	37.1	36.7	37.4	38.9
Household appliance stores . . . . .	572	84.7	83.6	82.5	81.1	80.4	84.1	87.7	89.8	92.4
Radio, television, and music stores . . . . .	573	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	60.1	58.2	54.9	52.6	50.5	51.3	51.9	53.1	52.8
Jewelry stores . . . . .	597	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	364.6	359.2	340.1	321.6	310.8	297.7	292.0	271.3	256.4
Liquor stores . . . . .	592	74.8	72.0	68.6	65.7	62.7	-	-	-	-
Antique stores and secondhand stores . . . . .	593	40.0	38.9	39.0	37.9	36.1	-	-	-	-
Sporting goods stores & bicycle shops . . . . .	595	32.3	29.6	27.0	24.9	23.9	-	-	-	-
Retail stores, n e c . . . . .	599	217.5	218.7	205.5	193.1	188.1	-	-	-	-
<b>Finance, insurance, and real estate<sup>1</sup> . . . . .</b>	<b>60-67</b>	<b>3,313</b>	<b>3,150</b>	<b>3,058</b>	<b>2,978</b>	<b>2,919</b>	<b>2,832</b>	<b>2,757</b>	<b>2,684</b>	<b>2,548</b>
Other credit agencies . . . . .	611,3,5,6	60.2	57.5	58.9	57.3	55.3	51.5	46.9	43.3	36.6
Other insurance carriers . . . . .	635,6,9	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	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	479.4	465.7	457.6	449.6	435.9	426.0	424.9	412.5	423.8
Real estate operators and lessors . . . . .	651	349.6	342.7	333.5	331.3	322.5	-	-	-	-
Agents, brokers, managers, & title abstractors . . . . .	653,4	129.8	123.0	124.1	118.3	113.4	-	-	-	-
Combined real estate, insurance, etc. . . . .	66	41.2	44.1	50.7	51.3	51.8	51.7	53.5	54.3	57.2
Holding and other investment companies . . . . .	67	34.7	31.8	29.5	27.8	26.9	25.9	22.8	20.7	18.1
<b>Services<sup>1</sup> . . . . .</b>	<b>70-86,89,99,07-09</b>	<b>10,375</b>	<b>9,837</b>	<b>9,299</b>	<b>8,850</b>	<b>8,229</b>	<b>8,115</b>	<b>7,816</b>	<b>7,470</b>	<b>6,946</b>
Other lodging places . . . . .	702-4	59.6	54.9	56.2	56.2	48.3	46.2	41.4	41.5	40.6
Photographic studios <sup>2</sup> . . . . .	722	38.6	37.8	36.2	34.5	33.2	32.7	31.8	32.1	31.7
Beauty shops . . . . .	723	253.4	240.8	226.1	209.5	195.5	186.6	168.7	156.6	138.1
Barber shops . . . . .	724	67.4	69.1	69.7	71.5	71.5	71.7	73.7	73.6	73.4
Funeral services and crematories . . . . .	726	60.3	59.0	57.7	56.7	55.6	54.6	53.0	51.6	47.7

TABLE 6: EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY  
MARCH 1959, and 1961 - 68 - Continued

Industry title	Industry Code	All employees (in thousands)								
		March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Services <sup>1</sup> - Continued										
Garment pressing, alteration, repair . . . . .	727	29.3	30.2	30.9	31.4	30.0	29.7	31.6	31.5	35.1
Other personal services . . . . .	725,9	30.7	28.4	28.3	27.1	26.4	26.8	28.2	28.6	29.6
Duplicating, mailing, stenographic . . . . .	733	67.5	66.9	65.0	59.4	58.3	57.8	57.4	54.7	53.0
Services to buildings <sup>2</sup> . . . . .	734	233.7	217.2	194.0	173.4	156.8	144.8	129.1	116.2	92.7
Other business services . . . . .	735,6,9	874.2	822.7	745.3	655.6	591.4	542.7	495.7	447.3	373.2
Private employment agencies . . . . .	736	44.6	36.3	32.9	26.4	24.4	-	-	-	-
Other miscellaneous business services . . . . .	735,9	829.6	786.4	712.4	629.2	567.0	-	-	-	-
Auto repair, services, and garages . . . . .	75	349.9	343.5	334.5	324.4	307.6	296.8	276.8	259.6	239.7
Auto rentals, without drivers . . . . .	751	49.6	44.5	40.5	37.5	33.7	29.3	25.2	23.3	19.5
Automobile parking . . . . .	752	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	261.5	261.9	257.6	251.5	239.6	233.6	217.8	202.7	187.0
Automobile repair shops . . . . .	753	200.2	198.4	195.0	194.6	189.4	-	-	-	-
Automobile services, except repair . . . . .	754	61.3	63.5	62.6	56.9	50.2	-	-	-	-
Miscellaneous repair services <sup>2</sup> . . . . .	76	173.1	167.2	161.2	151.9	145.8	143.8	138.3	132.4	124.1
Electrical repair shops . . . . .	762	59.3	54.1	51.0	48.2	47.3	48.9	47.2	44.9	42.2
Other misc. repair services . . . . .	763,4,9	113.8	113.1	110.2	103.7	98.5	94.9	91.1	87.5	81.9
Motion picture filming . . . . .	7813-5	34.8	34.2	35.4	31.1	27.9	28.9	28.6	32.0	25.2
Motion picture distributing . . . . .	7816-8	13.3	16.1	13.1	12.8	12.1	12.4	13.4	15.1	18.3
Amusement & recreation services, n e c . . . . .	79	393.0	380.6	366.4	354.9	342.0	334.9	318.9	306.9	281.2
Bowling and billiard establishments . . . . .	793	98.2	99.1	101.1	103.1	104.7	105.9	101.9	97.9	77.6
Other indoor amusement & recreation . . . . .	791,2	71.2	66.7	65.4	68.1	60.0	59.9	60.7	61.5	65.3
Misc. amusement, recreation services . . . . .	794	223.6	214.8	199.9	183.7	177.3	169.1	156.2	147.5	138.3
Offices of physicians and surgeons . . . . .	801	330.0	312.1	293.5	280.7	269.2	259.2	239.4	218.4	207.1
Offices of dentists, dental surgeons . . . . .	802	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	493.8	419.7	356.5	318.1	278.2	247.8	255.3	230.4	183.7
Other schools & educational services . . . . .	823,4,9	86.9	80.0	70.8	64.9	64.2	60.6	47.8	46.8	57.8
Museums, botanical, zoological gardens . . . . .	84	15.1	14.4	13.8	13.8	9.6	9.6	9.2	9.2	7.6
Nonprofit membership organizations . . . . .	86	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	63.1	61.9	59.5	57.9	58.0	56.2	54.6	52.2	50.5
Labor organizations . . . . .	863	121.7	116.3	113.7	110.1	108.5	107.7	107.9	104.4	101.8
Religious organizations . . . . .	866	932.4	910.7	889.7	874.1	853.7	829.7	810.3	791.1	726.8
Charitable organizations . . . . .	867	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	219.3	178.8	166.5	160.3	157.2	154.4	156.4	152.9	151.5
Other miscellaneous services . . . . .	893,9	189.6	162.2	152.4	144.5	138.6	133.9	129.0	123.0	113.1
Accounting, auditing, & bookkeeping . . . . .	893	169.9	143.4	134.2	127.2	122.0	-	-	-	-
Services, n e c . . . . .	899	19.7	18.8	18.2	17.3	16.6	-	-	-	-
Agriculture services, forestry, and fisheries . . . . .	07-09	155.0	149.3	151.6	142.6	137.5	131.0	127.8	125.7	119.1
Nonclassifiable establishments . . . . .	99	23.5	28.4	21.0	21.6	22.1	19.4	26.0	19.7	53.1
Government <sup>1</sup> . . . . .	91-93	11,863	11,399	10,690	9,991	9,574	9,194	8,840	8,548	8,061

<sup>1</sup>Includes overall total and industry division totals which are published regularly.

<sup>2</sup>Monthly data available beginning January 1964.

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



# HOUSEHOLD DATA

**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
<b>Persons 14 years of age and over</b>											
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
<b>Persons 16 years of age and over</b>											
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	54,724	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
1968: June.....	135,440	84,454	62.4	80,887	77,273	4,516	72,757	3,614	4.5	3.7	50,986
July.....	135,639	84,550	62.3	80,964	77,746	4,476	73,270	3,217	4.0	3.7	51,088
August.....	135,839	83,792	61.7	80,203	77,432	4,107	73,325	2,772	3.5	3.5	52,047
September.....	136,036	82,137	60.4	78,546	75,939	3,838	72,103	2,606	3.3	3.6	53,900
October.....	136,221	82,477	60.5	78,874	76,364	3,767	72,596	2,511	3.2	3.6	53,744
November.....	136,440	82,702	60.6	79,185	76,609	3,607	73,001	2,577	3.3	3.4	53,718
December.....	136,619	82,618	60.5	79,118	76,700	3,279	73,421	2,419	3.1	3.3	54,001
1969: January.....	136,802	81,711	59.7	78,234	75,358	3,165	72,192	2,876	3.7	3.3	55,091
February.....	136,940	82,579	60.3	79,104	76,181	3,285	72,896	2,923	3.7	3.3	54,361
March.....	137,143	82,770	60.4	79,266	76,520	3,327	73,193	2,746	3.5	3.4	54,373
April.....	137,337	83,137	60.5	79,621	77,079	3,607	73,471	2,542	3.2	3.5	54,200
May.....	137,549	83,085	60.4	79,563	77,264	3,894	73,370	2,299	2.9	3.5	54,464
June.....	137,737	85,880	62.4	82,356	78,956	4,367	74,589	3,400	4.1	3.4	51,857

<sup>1</sup>Not available.

# HOUSEHOLD DATA

## 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
1968: June.....	65,287	54,665	83.7	51,137	49,363	3,607	45,756	1,775	3.5	3.0	10,621
1968: December.....	65,829	52,745	80.1	49,283	48,000	2,758	45,242	1,283	2.6	2.6	13,084
1969: January.....	65,911	52,364	79.4	48,924	47,356	2,678	44,678	1,568	3.2	2.7	13,548
1969: February.....	65,968	52,673	79.8	49,237	47,697	2,777	44,920	1,539	3.1	2.6	13,295
1969: March.....	66,063	52,832	80.0	49,368	47,907	2,833	45,074	1,461	3.0	2.6	13,230
1969: April.....	66,151	53,063	80.2	49,586	48,332	3,018	45,314	1,254	2.5	2.7	13,089
1969: May.....	66,241	53,139	80.2	49,657	48,543	3,154	45,388	1,114	2.2	2.7	13,102
1969: June.....	66,325	55,001	82.9	51,517	49,937	3,442	46,495	1,580	3.1	2.7	11,324
<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
1968: June.....	70,153	29,788	42.5	29,750	27,910	909	27,001	1,839	6.2	4.8	40,365
1968: December.....	70,790	29,873	42.2	29,835	28,699	521	28,179	1,136	3.8	4.5	40,917
1969: January.....	70,890	29,347	41.4	29,309	28,002	487	27,515	1,308	4.5	4.3	41,543
1969: February.....	70,972	29,906	42.1	29,868	28,484	508	27,975	1,384	4.6	4.5	41,066
1969: March.....	71,081	29,938	42.1	29,898	28,613	494	28,119	1,285	4.3	4.6	41,143
1969: April.....	71,186	30,074	42.2	30,035	28,746	589	28,157	1,288	4.3	4.9	41,111
1969: May.....	71,309	29,946	42.0	29,907	28,721	740	27,982	1,185	4.0	4.8	41,362
1969: June.....	71,412	30,879	43.2	30,839	29,019	925	28,094	1,819	5.9	4.7	40,533

# HOUSEHOLD DATA

## A-3: Employment status of the noninstitutional population by age, sex, and color

June 1969  
(In thousands)

Age, sex, 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 .....	55,001	82.9	51,517	49,937	1,580	3.1	11,324	182	1,850	1,484	7,808
16 to 21 years .....	8,356	76.8	6,827	5,989	838	12.3	2,531	20	1,512	29	970
16 to 19 years .....	5,195	70.8	4,808	4,133	675	14.0	2,140	19	1,295	17	810
16 and 17 years .....	2,327	61.7	2,302	1,910	392	17.0	1,442	7	872	9	554
18 and 19 years .....	2,868	80.4	2,506	2,223	283	11.3	698	11	423	8	256
20 to 64 years .....	47,620	93.4	44,522	43,657	865	1.9	3,389	55	554	891	1,888
20 to 24 years .....	7,458	91.1	5,627	5,301	325	5.8	731	3	409	33	286
25 to 54 years .....	33,103	96.3	31,841	31,406	435	1.4	1,261	29	144	464	625
25 to 29 years .....	6,353	96.8	5,894	5,783	111	1.9	210	--	85	35	91
30 to 34 years .....	5,403	98.0	5,094	5,034	61	1.2	108	4	17	33	54
35 to 39 years .....	5,306	97.5	5,013	4,951	62	1.2	136	3	20	54	59
40 to 44 years .....	5,627	96.4	5,522	5,431	90	1.6	209	10	14	74	110
45 to 49 years .....	5,552	95.6	5,482	5,423	59	1.1	255	9	4	108	133
50 to 54 years .....	4,862	93.4	4,837	4,785	52	1.1	344	4	4	158	177
55 to 64 years .....	7,059	83.5	7,054	6,949	105	1.5	1,397	23	1	395	978
55 to 59 years .....	4,174	89.8	4,170	4,109	61	1.5	474	7	1	189	276
60 to 64 years .....	2,885	75.8	2,884	2,841	43	1.5	922	16	--	205	702
65 years and over .....	2,187	27.4	2,187	2,147	40	1.8	5,795	108	1	576	5,110
65 to 69 years .....	1,290	42.9	1,290	1,267	24	1.8	1,719	30	1	148	1,541
70 years and over .....	896	18.0	896	880	17	1.8	4,076	79	--	427	3,569
<b>WHITE MALE</b>											
16 years and over .....	49,435	83.2	46,333	45,100	1,233	2.7	9,982	146	1,564	1,220	7,052
16 to 21 years .....	7,354	77.5	5,980	5,353	628	10.5	2,131	18	1,270	25	818
16 to 19 years .....	4,584	72.0	4,241	3,734	507	11.9	1,783	16	1,073	13	680
16 and 17 years .....	2,052	62.7	2,030	1,728	302	14.9	1,220	6	729	7	478
18 and 19 years .....	2,532	81.8	2,211	2,006	205	9.3	563	10	345	6	201
20 to 64 years .....	42,840	93.7	40,081	39,390	691	1.7	2,896	45	490	731	1,630
20 to 24 years .....	6,565	90.9	4,916	4,674	242	4.9	659	3	373	30	253
25 to 54 years .....	29,819	96.8	28,713	28,359	354	1.2	997	21	116	359	501
25 to 29 years .....	10,484	97.6	9,819	9,684	134	1.4	260	2	89	48	122
30 to 34 years .....	9,852	97.5	9,499	9,371	128	1.4	252	11	20	99	122
35 to 44 years .....	9,482	95.1	9,395	9,304	91	1.0	484	8	7	212	257
55 to 64 years .....	6,457	83.9	6,452	6,357	95	1.5	1,240	21	1	341	877
55 to 59 years .....	3,815	90.4	3,811	3,758	53	1.4	407	6	1	158	242
60 to 64 years .....	2,642	76.0	2,641	2,599	42	1.6	833	15	--	183	635
65 years and over .....	2,011	27.5	2,011	1,976	35	1.8	5,303	84	1	476	4,742
<b>NONWHITE MALE</b>											
16 years and over .....	5,566	80.6	5,184	4,836	348	6.7	1,342	36	285	264	756
16 to 21 years .....	1,002	71.5	847	637	210	24.8	401	2	242	5	152
16 to 19 years .....	611	63.1	567	399	169	29.7	357	2	221	4	130
16 and 17 years .....	275	55.2	272	182	90	33.2	223	2	143	2	76
18 and 19 years .....	336	71.4	295	217	78	26.4	134	1	78	2	54
20 to 64 years .....	4,780	90.7	4,441	4,266	174	3.9	493	10	64	161	257
20 to 24 years .....	893	92.6	710	627	84	11.8	72	--	36	3	33
25 to 54 years .....	3,284	92.5	3,128	3,047	81	2.6	264	8	28	104	124
25 to 29 years .....	1,272	95.7	1,169	1,132	37	3.2	58	1	13	20	23
30 to 34 years .....	1,080	92.1	1,036	1,011	24	2.3	92	2	14	30	47
35 to 44 years .....	932	89.1	924	904	20	2.2	114	5	--	54	54
55 to 64 years .....	602	79.4	602	592	9	1.5	157	1	--	54	101
55 to 59 years .....	359	84.2	359	351	8	2.2	67	1	--	32	34
60 to 64 years .....	243	73.1	243	241	1	.6	89	--	--	22	67
65 years and over .....	176	26.3	176	171	5	2.9	492	24	--	99	369

# HOUSEHOLD DATA

**A-3: Employment status of the noninstitutional population by age, sex, and color--Continued**  
 June 1969  
 (In thousands)

Age, sex, 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 .....	30,879	43.2	30,839	29,019	1,819	5.9	40,533	35,084	1,929	829	2,691
16 to 21 years .....	5,856	54.9	5,835	4,862	973	16.7	4,807	1,919	1,677	27	1,184
16 to 19 years .....	3,696	51.6	3,687	2,925	761	20.7	3,471	995	1,415	20	1,041
16 and 17 years .....	1,538	41.8	1,538	1,167	371	24.1	2,140	419	958	6	757
18 and 19 years .....	2,158	61.8	2,148	1,758	390	18.2	1,331	576	457	14	285
20 to 64 years .....	26,097	48.7	26,067	25,035	1,032	4.0	27,490	25,716	513	281	979
20 to 24 years .....	4,691	57.8	4,673	4,327	347	7.4	3,424	2,769	393	18	244
25 to 54 years .....	17,316	48.1	17,304	16,704	599	3.6	18,700	17,917	112	146	525
25 to 29 years .....	2,905	43.7	2,901	2,742	159	5.5	3,745	3,583	39	19	104
30 to 34 years .....	2,379	41.9	2,377	2,275	102	4.3	3,303	3,167	26	11	99
35 to 39 years .....	2,643	46.7	2,641	2,567	74	2.8	3,016	2,917	13	16	70
40 to 44 years .....	3,138	50.9	3,137	3,031	106	3.4	3,025	2,906	18	19	82
45 to 49 years .....	3,279	52.6	3,278	3,200	79	2.4	2,955	2,823	12	34	87
50 to 54 years .....	2,971	52.8	2,970	2,889	81	2.7	2,656	2,522	4	47	83
55 to 64 years .....	4,091	43.3	4,090	4,005	86	2.1	5,365	5,029	8	118	210
55 to 59 years .....	2,569	50.3	2,569	2,517	52	2.0	2,536	2,386	6	58	86
60 to 64 years .....	1,521	35.0	1,521	1,487	34	2.2	2,829	2,643	3	59	124
65 years and over .....	1,085	10.2	1,085	1,059	26	2.4	9,573	8,373	1	528	671
65 to 69 years .....	649	17.9	649	631	18	2.8	2,979	2,765	--	56	160
70 years and over .....	435	6.2	435	428	8	1.7	6,594	5,608	2	473	511
<b>WHITE FEMALE</b>											
16 years and over .....	26,879	42.3	26,844	25,444	1,400	5.2	36,670	32,025	1,606	669	2,370
16 to 21 years .....	5,143	55.8	5,124	4,379	745	14.5	4,074	1,607	1,411	20	1,035
16 to 19 years .....	3,256	52.7	3,247	2,673	574	17.7	2,919	802	1,193	14	909
16 and 17 years .....	1,357	42.8	1,357	1,073	284	20.9	1,813	343	804	2	664
18 and 19 years .....	1,899	63.2	1,890	1,600	290	15.4	1,106	459	389	12	246
20 to 64 years .....	22,649	47.6	22,622	21,822	800	3.5	24,900	23,430	411	212	848
20 to 24 years .....	4,095	57.7	4,079	3,816	263	6.5	3,001	2,455	320	13	213
25 to 54 years .....	14,875	47.7	14,864	14,402	463	3.1	16,987	16,337	81	106	462
25 to 29 years .....	4,445	40.8	4,440	4,204	205	4.7	6,402	6,155	46	21	179
30 to 34 years .....	4,937	47.5	4,933	4,798	136	2.7	5,464	5,276	27	27	133
35 to 44 years .....	5,523	51.9	5,521	5,399	122	2.2	5,122	4,907	8	58	150
55 to 64 years .....	3,679	42.8	3,679	3,605	74	2.0	4,912	4,638	8	92	173
55 to 59 years .....	2,292	49.6	2,292	2,247	44	1.9	2,326	2,205	6	47	68
60 to 64 years .....	1,387	34.9	1,387	1,358	30	2.1	2,586	2,433	3	46	105
65 years and over .....	975	9.9	975	949	26	2.6	8,851	7,793	2	443	613
<b>NONWHITE FEMALE</b>											
16 years and over .....	3,999	50.9	3,995	3,575	420	10.5	3,864	3,059	324	160	321
16 to 21 years .....	713	49.3	710	482	228	32.1	733	311	266	8	148
16 to 19 years .....	441	44.4	440	252	187	42.6	552	193	222	6	132
16 and 17 years .....	182	35.7	181	94	87	48.1	327	76	154	4	93
18 and 19 years .....	259	53.5	258	158	100	38.7	225	117	68	1	39
20 to 64 years .....	3,449	57.1	3,445	3,213	232	6.7	2,589	2,285	102	69	131
20 to 24 years .....	597	58.5	594	511	84	14.1	423	314	72	5	31
25 to 54 years .....	2,441	58.8	2,440	2,303	137	5.6	1,713	1,580	31	38	64
25 to 29 years .....	869	57.3	868	812	55	6.4	646	595	18	8	24
30 to 34 years .....	845	59.4	844	801	44	5.2	577	547	4	7	19
35 to 44 years .....	727	59.8	727	690	37	5.1	490	438	9	23	20
55 to 64 years .....	411	47.6	411	400	12	2.8	454	391	--	26	37
55 to 59 years .....	277	56.8	277	270	7	2.6	211	181	--	12	17
60 to 64 years .....	134	35.6	134	130	5	3.4	243	210	--	14	19
65 years and over .....	110	13.2	110	110	--	--	722	581	--	85	58

# HOUSEHOLD DATA

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

Age, sex, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
<b>MALE</b>								
16 years and over .....	55,001	54,665	82.9	83.7	51,517	51,137	82.0	82.8
16 to 19 years .....	5,195	5,254	70.8	73.1	4,808	4,728	69.2	71.0
16 and 17 years .....	2,327	2,321	61.7	63.5	2,302	2,296	61.5	63.2
18 and 19 years .....	2,868	2,933	80.4	83.0	2,506	2,432	78.2	80.2
20 to 24 years .....	7,458	7,097	91.1	90.7	5,627	5,354	88.5	88.0
25 to 54 years .....	33,103	32,934	96.3	96.7	31,841	31,682	96.2	96.6
25 to 34 years .....	11,756	11,409	97.4	97.5	10,988	10,647	97.2	97.4
35 to 44 years .....	10,933	11,146	96.9	97.4	10,535	10,753	96.8	97.3
45 to 54 years .....	10,415	10,379	94.6	95.1	10,318	10,281	94.5	95.1
55 to 64 years .....	7,059	7,091	83.5	85.1	7,054	7,085	83.5	85.1
55 to 59 years .....	4,174	4,138	89.8	90.4	4,170	4,132	89.8	90.4
60 to 64 years .....	2,885	2,954	75.8	78.6	2,884	2,953	75.8	78.6
65 years and over .....	2,187	2,289	27.4	29.0	2,187	2,289	27.4	29.0
<b>WHITE MALE</b>								
16 years and over .....	49,435	49,145	83.2	84.0	46,333	45,977	82.3	83.0
16 to 19 years .....	4,584	4,640	72.0	74.2	4,241	4,166	70.4	72.1
16 and 17 years .....	2,052	2,064	62.7	65.1	2,030	2,041	62.5	64.8
18 and 19 years .....	2,532	2,576	81.8	83.7	2,211	2,125	79.7	80.9
20 to 24 years .....	6,565	6,279	90.9	90.7	4,916	4,694	88.2	88.0
25 to 54 years .....	29,819	29,647	96.8	97.0	28,713	28,544	96.7	96.9
25 to 34 years .....	10,484	10,174	97.6	97.7	9,819	9,509	97.4	97.5
35 to 44 years .....	9,852	10,029	97.5	97.7	9,499	9,681	97.4	97.6
45 to 54 years .....	9,482	9,444	95.1	95.6	9,395	9,354	95.1	95.6
55 to 64 years .....	6,457	6,492	83.9	85.6	6,452	6,486	83.9	85.6
55 to 59 years .....	3,815	3,776	90.4	90.8	3,811	3,770	90.4	90.8
60 to 64 years .....	2,642	2,716	76.0	79.3	2,641	2,715	76.0	79.3
65 years and over .....	2,011	2,087	27.5	28.9	2,011	2,087	27.5	28.9
<b>NONWHITE MALE</b>								
16 years and over .....	5,566	5,521	80.6	81.8	5,184	5,160	79.4	80.8
16 to 19 years .....	611	614	63.1	65.4	569	561	61.4	63.4
16 and 17 years .....	275	257	55.2	53.3	272	255	55.0	53.1
18 and 19 years .....	336	357	71.4	78.3	295	307	68.7	75.7
20 to 24 years .....	893	818	92.6	90.5	710	660	90.8	88.5
25 to 54 years .....	3,284	3,287	92.5	93.9	3,128	3,137	92.2	93.7
25 to 34 years .....	1,272	1,235	95.7	96.3	1,169	1,138	95.3	96.0
35 to 44 years .....	1,080	1,118	92.1	94.6	1,036	1,072	91.8	94.4
45 to 54 years .....	932	934	89.1	90.3	924	927	89.0	90.2
55 to 64 years .....	602	600	79.4	79.9	602	600	79.3	79.8
55 to 59 years .....	359	362	84.2	86.7	359	362	84.2	86.7
60 to 64 years .....	243	238	73.1	71.3	243	238	73.1	71.3
65 years and over .....	176	202	26.3	30.8	176	202	26.3	30.8

# HOUSEHOLD DATA

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

Age, sex, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
<b>FEMALE</b>								
16 years and over .....	30,879	29,788	43.2	42.5	30,839	29,750	43.2	42.4
16 to 19 years .....	3,696	3,578	51.6	51.0	3,687	3,567	51.5	50.9
16 and 17 years .....	1,538	1,520	41.8	42.7	1,538	1,520	41.8	42.7
18 and 19 years .....	2,158	2,057	61.8	59.6	2,148	2,047	61.7	59.4
20 to 24 years .....	4,691	4,319	57.8	55.7	4,673	4,304	57.7	55.6
25 to 34 years .....	17,316	16,895	48.1	47.3	17,304	16,883	48.1	47.3
25 to 34 years .....	5,284	5,078	42.8	42.4	5,278	5,071	42.8	42.4
35 to 44 years .....	5,781	5,757	48.9	47.9	5,777	5,754	48.9	47.9
45 to 54 years .....	6,250	6,060	52.7	51.7	6,249	6,058	52.7	51.7
55 to 64 years .....	4,091	3,986	43.3	43.0	4,090	3,985	43.3	43.0
55 to 59 years .....	2,569	2,456	50.3	49.1	2,569	2,456	50.3	49.1
60 to 64 years .....	1,521	1,529	35.0	35.8	1,521	1,529	35.0	35.8
65 years and over .....	1,085	1,011	10.2	9.7	1,085	1,011	10.2	9.7
<b>WHITE FEMALE</b>								
16 years and over .....	26,879	25,845	42.3	41.4	26,844	25,811	42.3	41.3
16 to 19 years .....	3,256	3,125	52.7	51.6	3,247	3,116	52.7	51.6
16 and 17 years .....	1,357	1,331	42.8	43.4	1,357	1,331	42.8	43.4
18 and 19 years .....	1,899	1,794	63.2	60.1	1,890	1,785	63.1	60.0
20 to 24 years .....	4,095	3,727	57.7	54.8	4,079	3,714	57.6	54.7
25 to 34 years .....	14,875	14,503	46.7	45.9	14,864	14,492	46.7	45.9
25 to 34 years .....	4,415	4,223	40.8	40.3	4,410	4,217	40.8	40.2
35 to 44 years .....	4,937	4,928	47.5	46.6	4,933	4,925	47.4	46.6
45 to 54 years .....	5,523	5,351	51.9	50.9	5,521	5,350	51.9	50.9
55 to 64 years .....	3,679	3,574	42.8	42.4	3,679	3,574	42.8	42.4
55 to 59 years .....	2,292	2,189	49.6	48.3	2,292	2,189	49.6	48.3
60 to 64 years .....	1,387	1,385	34.9	35.6	1,387	1,385	34.9	35.6
65 years and over .....	975	916	9.9	9.5	975	916	9.9	9.5
<b>NONWHITE FEMALE</b>								
16 years and over .....	3,999	3,944	50.9	51.5	3,995	3,939	50.8	51.5
16 to 19 years .....	441	452	44.4	47.0	440	451	44.3	47.0
16 and 17 years .....	182	189	35.7	38.4	181	189	35.7	38.4
18 and 19 years .....	259	263	53.5	56.1	258	262	53.4	56.0
20 to 24 years .....	597	592	58.5	62.0	594	590	58.5	61.9
25 to 34 years .....	2,441	2,392	58.8	58.4	2,440	2,391	58.8	58.4
25 to 34 years .....	869	855	57.3	58.0	868	854	57.3	58.0
35 to 44 years .....	845	829	59.4	58.2	844	828	59.4	58.1
45 to 54 years .....	727	708	59.8	59.3	727	708	59.8	59.3
55 to 64 years .....	411	412	47.6	48.8	411	412	47.6	48.8
55 to 59 years .....	277	267	56.8	56.6	277	267	56.8	56.6
60 to 64 years .....	134	145	35.6	38.9	134	145	35.6	38.9
65 years and over .....	110	96	13.2	11.9	110	96	13.2	11.9

**A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex**  
 June 1969  
 (In thousands)

Employment status	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	21,550	10,887	10,663	18,701	9,484	9,217	2,849	1,403	1,446
Total labor force	14,212	8,356	5,856	12,497	7,354	5,143	1,715	1,002	713
Percent of population	65.9	76.8	54.9	66.8	77.5	55.8	60.2	71.5	49.3
Civilian labor force	12,661	6,827	5,835	11,105	5,980	5,124	1,557	847	710
Employed	10,851	5,989	4,862	9,732	5,353	4,379	1,119	637	482
Agriculture	809	673	136	661	569	91	148	103	45
Nonagricultural industries	10,042	5,316	4,726	9,071	4,783	4,288	971	533	438
Unemployed	1,810	838	973	1,373	628	745	438	210	228
Percent of labor force	14.3	12.3	16.7	12.4	10.5	14.5	28.1	24.8	32.1
Looking for full-time work	1,447	687	760	1,087	501	586	360	186	174
Looking for part-time work	364	150	213	286	126	159	78	24	54
Not in labor force	7,338	2,531	4,807	6,204	2,131	4,074	1,134	401	733
Major activity: going to school									
Civilian labor force	1,230	747	483	1,126	693	432	104	53	51
Employed	1,042	648	394	974	612	362	68	36	32
Agriculture	27	24	3	26	23	2	1	--	1
Nonagricultural industries	1,015	624	391	948	589	360	67	36	31
Unemployed	188	99	89	151	81	70	37	18	19
Percent of labor force	15.3	13.2	18.5	13.5	11.7	16.3	35.1	33.3	36.9
Looking for full-time work	118	72	46	100	57	44	18	15	2
Looking for part-time work	70	27	43	51	25	27	19	3	16
Not in labor force	3,188	1,512	1,677	2,681	1,270	1,411	508	242	266
Major activity: other									
Civilian labor force	11,432	6,080	5,352	9,979	5,287	4,692	1,453	793	659
Employed	9,809	5,341	4,468	8,758	4,740	4,018	1,051	601	450
Agriculture	782	649	133	635	546	89	147	103	44
Nonagricultural industries	9,027	4,692	4,335	8,123	4,194	3,929	904	498	407
Unemployed	1,622	739	884	1,221	547	675	401	192	209
Percent of labor force	14.2	12.2	16.5	12.2	10.3	14.4	27.6	24.2	31.7
Looking for full-time work	1,329	616	713	987	445	542	342	171	171
Looking for part-time work	293	123	170	234	102	132	59	21	38
Not in labor force	4,149	1,020	3,130	3,523	861	2,662	626	159	467

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

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
	<b>TOTAL</b>							
Total noninstitutional population	137,737	135,440	58,990	58,100	64,245	63,139	14,502	14,201
Total labor force	85,880	84,454	49,807	49,412	27,182	26,211	8,891	8,831
Percent of population	62.4	62.4	84.4	85.0	42.3	41.5	61.3	62.2
Civilian labor force	82,356	80,887	46,709	46,409	27,152	26,183	8,495	8,295
Employed	78,956	77,273	45,804	45,413	26,094	25,163	7,058	6,697
Agriculture	4,367	4,516	2,879	3,064	820	797	668	655
Nonagricultural industries	74,589	72,757	42,925	42,349	25,275	24,366	6,390	6,042
Unemployed	3,400	3,614	905	997	1,058	1,020	1,437	1,598
Percent of labor force	4.1	4.5	1.9	2.1	3.9	3.9	16.9	19.3
Not in labor force	51,857	50,986	9,184	8,688	37,063	36,928	5,611	5,370
<b>WHITE</b>								
Total noninstitutional population	122,966	121,033	53,050	52,291	57,375	56,440	12,541	12,302
Total labor force	76,314	74,989	44,851	44,505	23,624	22,719	7,840	7,765
Percent of population	62.1	62.0	84.5	85.1	41.2	40.3	62.5	63.1
Civilian labor force	73,177	71,788	42,092	41,811	23,597	22,695	7,488	7,282
Employed	70,545	68,944	41,366	40,980	22,771	21,916	6,407	6,048
Agriculture	3,784	3,902	2,565	2,693	664	660	556	549
Nonagricultural industries	66,761	65,042	38,802	38,287	22,107	21,255	5,852	5,499
Unemployed	2,632	2,844	726	831	826	779	1,081	1,235
Percent of labor force	3.6	4.0	1.7	2.0	3.5	3.4	14.4	17.0
Not in labor force	46,652	46,043	8,199	7,786	33,751	33,721	4,701	4,537
<b>NONWHITE</b>								
Total noninstitutional population	14,771	14,407	5,940	5,809	6,870	6,699	1,961	1,899
Total labor force	9,566	9,464	4,956	4,907	3,559	3,492	1,051	1,066
Percent of population	64.8	65.7	83.4	84.5	51.8	52.1	53.6	56.1
Civilian labor force	9,179	9,099	4,617	4,599	3,555	3,488	1,007	1,013
Employed	8,412	8,330	4,437	4,432	3,323	3,248	651	649
Agriculture	583	614	315	371	156	137	113	106
Nonagricultural industries	7,829	7,715	4,123	4,061	3,167	3,111	538	543
Unemployed	767	770	179	166	232	240	356	363
Percent of labor force	8.4	8.5	3.9	3.6	6.5	6.9	35.3	35.9
Not in labor force	5,205	4,943	985	902	3,311	3,208	909	833

# HOUSEHOLD DATA

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

June 1969  
(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>									
16 years and over .....	72,365	67,011	2,522	2,831	3.9	9,991	9,422	568	5.7
16 to 21 years .....	9,633	7,102	1,084	1,447	15.0	3,028	2,665	364	12.0
16 to 19 years .....	5,949	3,959	880	1,109	18.6	2,546	2,218	328	12.9
16 and 17 years .....	2,223	1,189	506	528	23.8	1,617	1,382	235	14.6
18 and 19 years .....	3,726	2,770	375	581	15.6	929	836	92	9.9
20 years and over .....	66,416	63,052	1,642	1,722	2.6	7,445	7,204	241	3.2
20 to 24 years .....	9,343	8,372	366	604	6.5	957	890	67	7.1
25 years and over .....	57,074	54,679	1,276	1,118	2.0	6,487	6,314	173	2.7
25 to 54 years .....	45,116	43,261	935	919	2.0	4,030	3,914	115	2.9
55 years and over .....	11,958	11,418	341	199	1.7	2,457	2,400	58	2.4
<b>MALE</b>									
16 years and over .....	48,275	45,598	1,306	1,372	2.8	3,242	3,034	208	6.4
16 to 21 years .....	5,331	4,001	642	687	12.9	1,496	1,345	150	10.1
16 to 19 years .....	3,515	2,432	547	536	15.3	1,293	1,154	139	10.7
20 years and over .....	44,760	43,165	759	836	1.9	1,949	1,879	69	3.5
20 to 24 years .....	5,248	4,776	176	297	5.7	379	350	29	7.6
25 years and over .....	39,512	38,389	583	540	1.4	1,570	1,530	40	2.5
25 to 54 years .....	31,351	30,527	401	424	1.4	490	479	11	2.2
55 years and over .....	8,161	7,862	183	116	1.4	1,080	1,051	28	2.6
<b>FEMALE</b>									
16 years and over .....	24,090	21,414	1,217	1,459	6.1	6,749	6,389	360	5.3
16 to 21 years .....	4,302	3,101	442	760	17.7	1,533	1,319	213	13.9
16 to 19 years .....	2,434	1,527	334	573	23.5	1,253	1,064	189	15.1
20 years and over .....	21,656	19,887	883	886	4.1	5,496	5,324	172	3.1
20 to 24 years .....	4,095	3,596	191	308	7.5	579	540	39	6.7
25 years and over .....	17,562	16,291	693	578	3.3	4,918	4,784	133	2.7
25 to 54 years .....	13,764	12,735	534	495	3.6	3,540	3,436	104	2.9
55 years and over .....	3,797	3,556	158	82	2.2	1,378	1,349	29	2.1

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



# HOUSEHOLD DATA

## A- 8: Unemployed persons by age and sex

Age	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
<b>Total, 16 years and over</b> .....	1,580	1,775	3.1	3.5	1,819	1,839	5.9	6.2
16 to 19 years .....	675	778	14.0	16.5	761	820	20.7	23.0
16 and 17 years .....	392	441	17.0	19.2	371	406	24.1	26.7
18 and 19 years .....	283	337	11.3	13.8	390	414	18.2	20.2
20 years and over .....	905	997	1.9	2.1	1,058	1,020	3.9	3.9
20 to 24 years .....	325	341	5.8	6.4	347	392	7.4	9.1
25 years and over .....	580	656	1.4	1.6	711	628	3.2	2.9
25 to 34 years .....	172	181	1.6	1.7	261	225	4.9	4.4
35 to 44 years .....	153	142	1.4	1.3	179	175	3.1	3.0
45 to 54 years .....	111	143	1.1	1.4	160	118	2.6	2.0
55 to 64 years .....	105	115	1.5	1.6	86	76	2.1	1.9
55 to 59 years .....	61	65	1.5	1.6	52	37	2.0	1.5
60 to 64 years .....	43	50	1.5	1.7	34	39	2.2	2.5
65 years and over .....	40	75	1.8	3.3	26	34	2.4	3.4
<b>Household head, 16 years and over</b> .....	565	652	1.4	1.6	222	230	3.5	3.8
16 to 24 years .....	80	95	2.5	3.3	34	36	5.7	6.7
25 to 54 years .....	346	380	1.2	1.3	134	128	3.8	3.7
55 years and over .....	139	176	1.6	1.9	53	65	2.4	3.1

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
<b>Total, 16 years and over</b> .....	1,580	1,775	3.1	3.5	1,819	1,839	5.9	6.2
Married, spouse present .....	492	563	1.3	1.5	680	594	3.9	3.6
Widowed, divorced, or separated .....	84	110	3.2	4.2	228	239	4.0	4.3
Single (never married) .....	1,004	1,102	9.9	11.0	911	1,007	11.8	13.3
<b>Total, 20 to 64 years of age</b> .....	865	922	1.9	2.1	1,032	986	4.0	3.9
Married, spouse present .....	450	492	1.2	1.3	608	522	3.6	3.3
Widowed, divorced, or separated .....	76	100	3.2	4.4	198	209	4.0	4.2
Single (never married) .....	338	330	6.2	6.1	226	254	5.3	6.0
<b>White, 16 years and over</b> .....	1,233	1,437	2.7	3.1	1,400	1,407	5.2	5.5
Married, spouse present .....	414	479	1.2	1.4	561	460	3.6	3.1
Widowed, divorced, or separated .....	68	82	3.2	4.1	160	174	3.5	3.9
Single (never married) .....	750	876	8.5	9.9	680	773	10.1	11.8
<b>White, 20 to 64 years of age</b> .....	691	762	1.7	1.9	800	745	3.5	3.4
Married, spouse present .....	378	415	1.1	1.2	496	410	3.3	2.9
Widowed, divorced, or separated .....	63	74	3.4	4.2	134	145	3.4	3.7
Single (never married) .....	250	273	5.2	5.8	170	189	4.6	5.2
<b>Nonwhite, 16 years and over</b> .....	348	337	6.7	6.5	420	432	10.5	11.0
Married, spouse present .....	78	84	2.3	2.5	120	134	6.3	7.3
Widowed, divorced, or separated .....	16	27	3.0	4.8	68	64	6.1	5.9
Single (never married) .....	254	226	20.1	18.7	232	234	23.7	23.2
<b>Nonwhite, 20 to 64 years of age</b> .....	174	159	3.9	3.6	232	240	6.7	7.1
Married, spouse present .....	73	76	2.2	2.4	112	112	6.1	6.3
Widowed, divorced, or separated .....	13	24	2.7	4.6	64	62	6.3	6.1
Single (never married) .....	88	57	12.4	8.6	56	65	9.5	10.8

# HOUSEHOLD DATA

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
Total.....	3,400	3,614	4.1	4.5	3.1	3.5	5.9	6.2
White-collar workers.....	933	880	2.5	2.4	1.5	1.6	3.6	3.4
Professional and technical.....	228	223	2.2	2.2	1.4	1.7	3.5	3.1
Managers, officials, and proprietors.....	72	60	.9	.8	.7	.7	2.0	1.1
Clerical workers.....	464	432	3.3	3.2	2.6	2.5	3.6	3.5
Sales workers.....	168	165	3.4	3.4	2.1	2.2	5.1	5.2
Blue-collar workers.....	1,066	1,187	3.6	4.0	3.0	3.5	6.2	6.3
Craftsmen and foremen.....	166	225	1.6	2.2	1.5	2.0	4.2	6.2
Carpenters and other construction craftsmen.....	65	111	2.2	3.8	2.1	3.8	(1)	(1)
All other.....	101	114	1.4	1.5	1.2	1.3	3.9	6.1
Operatives.....	654	654	4.3	4.4	3.4	3.6	6.4	6.3
Drivers and deliverymen.....	59	74	2.3	2.8	2.3	2.8	(1)	(1)
All other.....	595	580	4.7	4.8	3.7	3.8	6.5	6.3
Nonfarm laborers.....	246	307	5.6	7.1	5.7	7.1	4.0	6.7
Construction laborers.....	66	107	6.4	10.9	6.4	10.9	(1)	(1)
All other.....	180	200	5.4	5.9	5.5	5.9	3.9	6.3
Service workers.....	526	612	5.3	6.1	5.2	5.2	5.4	6.5
Private household.....	67	99	4.1	5.3	(1)	(1)	4.1	5.4
All other.....	459	513	5.5	6.2	5.1	5.3	5.8	6.9
Farmers and farm laborers.....	74	97	1.8	2.3	1.6	2.1	2.7	3.2
No previous work experience.....	801	838	--	--	--	--	--	--
16 to 19 years.....	698	740	--	--	--	--	--	--
20 to 24 years.....	70	79	--	--	--	--	--	--
25 years and over.....	33	19	--	--	--	--	--	--

<sup>1</sup>Percent not shown where base is less than 100,000.

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

Industry	Percent distribution		Unemployment rates					
			Total		Male		Female	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
Total.....	100.0	100.0	4.1	4.5	3.1	3.5	5.9	6.2
Private wage and salary workers.....	63.5	62.9	3.6	3.9	2.9	3.2	4.9	5.1
Mining.....	.6	.5	3.7	3.0	3.7	3.2	(1)	--
Construction.....	4.5	6.3	3.9	6.1	4.0	6.1	2.4	6.4
Manufacturing.....	208	18.7	3.2	3.2	2.3	2.4	5.5	5.2
Durable goods.....	11.6	9.2	3.0	2.6	2.4	2.1	5.4	4.6
Primary metal industries.....	.8	.6	2.0	1.5	1.9	1.5	2.7	(1)
Fabricated metal products.....	1.8	1.1	3.4	2.4	3.1	1.6	4.3	5.0
Machinery.....	1.7	1.6	2.5	2.6	2.0	2.4	5.3	4.0
Electrical equipment.....	2.0	1.8	3.1	3.2	2.3	2.5	4.4	4.4
Motor vehicles and equipment.....	.9	.7	2.4	2.4	2.1	2.5	5.3	1.3
All other transportation equipment.....	1.3	.9	3.6	2.6	2.9	2.2	8.3	4.6
Other durable goods industries.....	3.1	2.4	3.7	3.1	2.7	2.1	7.1	6.1
Nondurable goods.....	9.2	9.6	3.5	3.9	2.2	2.8	5.6	5.7
Food and kindred products.....	2.7	2.5	4.9	4.7	2.9	3.2	10.7	8.9
Textile mill products.....	1.1	1.1	3.5	3.4	2.6	1.2	4.4	5.7
Apparel and other finished textile products.....	2.5	2.2	5.7	5.8	3.2	3.6	6.5	6.5
Other nondurable goods industries.....	2.9	3.8	2.2	3.1	1.7	2.8	3.5	3.9
Transportation and public utilities.....	2.8	2.6	2.0	2.1	1.9	1.6	2.7	4.0
Railroads and railway express.....	.5	.2	2.4	1.1	2.5	1.0	(1)	(1)
Other transportation.....	1.6	1.1	2.7	2.2	2.6	2.1	3.1	2.4
Communication and other public utilities.....	.7	1.2	1.3	2.5	.5	1.3	2.7	4.7
Wholesale and retail trade.....	17.6	17.2	4.6	4.8	3.7	4.0	5.7	5.8
Finance, insurance, and real estate.....	2.1	2.2	2.1	2.3	1.7	1.3	2.4	3.3
Service industries.....	151	15.5	4.3	4.8	3.7	4.4	4.7	5.1
Professional services.....	5.4	5.6	3.2	3.9	2.7	3.7	3.5	4.0
All other service industries.....	9.8	9.9	5.3	5.6	4.4	4.9	5.9	6.0
Agricultural wage and salary workers.....	2.5	3.1	5.1	6.7	4.3	5.9	8.2	9.9
All other classes of workers.....	10.5	10.8	1.7	1.9	1.1	1.4	2.9	2.9
No previous work experience.....	23.6	23.2	--	--	--	--	--	--

<sup>1</sup>Percent not shown where base is less than 100,000.

HOUSEHOLD DATA

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		Nonwhite	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
<b>UNEMPLOYMENT LEVEL</b>												
Total unemployed, in thousands . . . . .	3,400	3,614	905	997	1,058	1,020	1,437	1,598	2,632	2,844	767	770
Lost last job . . . . .	875	851	427	481	336	282	112	88	681	674	194	177
Left last job . . . . .	448	413	183	179	172	142	93	92	350	333	98	80
Reentered labor force . . . . .	1,275	1,514	262	308	480	526	533	679	1,014	1,206	261	307
Never worked before . . . . .	802	837	33	29	69	70	699	739	587	631	214	205
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 . . . . .	25.7	23.6	47.1	48.3	31.7	27.6	7.8	5.5	25.9	23.7	25.3	23.0
Left last job . . . . .	13.2	11.4	20.2	17.9	16.3	13.9	6.5	5.8	13.3	11.7	12.8	10.4
Reentered labor force . . . . .	37.5	41.9	28.9	30.9	45.4	51.6	37.1	42.5	38.5	42.4	34.0	39.9
Never worked before . . . . .	23.6	23.2	3.7	2.9	6.6	6.8	48.6	46.2	22.3	22.2	27.9	26.7
<b>UNEMPLOYMENT RATE</b>												
Total unemployment rate . . . . .	4.1	4.5	1.9	2.1	3.9	3.9	16.9	19.3	3.6	4.0	8.4	8.5
Job-loser rate <sup>1</sup> . . . . .	1.0	1.0	.9	1.0	1.2	1.1	1.3	1.1	.9	.9	2.1	2.0
Job-leaver rate <sup>1</sup> . . . . .	.5	.5	.4	.4	.6	.5	1.1	1.1	.5	.5	1.1	.9
Reentrant rate <sup>1</sup> . . . . .	1.5	1.9	.6	.7	1.8	2.0	6.3	8.2	1.4	1.7	2.8	3.4
New entrant rate <sup>1</sup> . . . . .	1.0	1.0	.1	.1	.3	.3	8.2	8.9	.8	.9	2.3	2.3

<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

June 1969

(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 . . . . .	3,400	100.0	69.1	20.0	10.9	7.1	3.8
Lost last job . . . . .	875	100.0	52.4	27.4	20.2	13.0	7.2
Left last job . . . . .	448	100.0	63.5	25.2	11.3	8.2	3.1
Reentered labor force . . . . .	1,275	100.0	74.7	15.9	9.3	6.0	3.3
Never worked before . . . . .	802	100.0	81.4	15.6	2.9	1.7	1.2
Male, 20 years and over . . . . .	905	100.0	55.5	26.1	18.4	10.6	7.8
Lost last job . . . . .	427	100.0	48.9	30.9	20.1	11.2	8.9
Left last job . . . . .	183	100.0	57.9	27.3	14.7	10.9	3.8
Reentered labor force . . . . .	262	100.0	64.5	18.3	17.2	10.7	6.5
Never worked before . . . . .	33	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over . . . . .	1,058	100.0	61.7	23.3	14.9	10.0	4.9
Lost last job . . . . .	336	100.0	50.4	25.7	23.9	17.0	6.9
Left last job . . . . .	172	100.0	62.4	25.4	12.1	8.1	4.0
Reentered labor force . . . . .	480	100.0	66.9	21.2	11.9	7.7	4.2
Never worked before . . . . .	69	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years . . . . .	1,437	100.0	83.0	13.8	3.2	2.7	.5
Lost last job . . . . .	112	100.0	71.7	19.5	8.9	8.0	.9
Left last job . . . . .	93	100.0	(1)	(1)	(1)	(1)	(1)
Reentered labor force . . . . .	533	100.0	86.8	10.0	3.2	2.3	.9
Never worked before . . . . .	699	100.0	82.7	15.0	2.2	2.1	.1

<sup>1</sup>Percent not shown where base is less than 100,000.

# HOUSEHOLD DATA

## A-14: Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household head			
	Thousands		Percent distribution		Thousands		Percent distribution	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
Total.....	3,400	3,614	100.0	100.0	787	882	100.0	100.0
Less than 5 weeks.....	2,349	2,510	69.1	69.4	381	467	48.4	52.9
5 to 14 weeks.....	680	694	20.0	19.2	239	229	30.3	26.1
5 to 10 weeks.....	559	571	16.4	15.8	202	176	25.6	20.0
11 to 14 weeks.....	121	124	3.6	3.4	37	54	4.7	6.1
15 weeks and over.....	370	409	10.9	11.3	168	185	21.3	21.0
15 to 26 weeks.....	242	243	7.1	6.7	97	102	12.3	11.6
27 weeks and over.....	128	167	3.8	4.6	71	83	9.0	9.4
Average (mean) duration.....	6.7	6.8	-- <sup>c</sup>	--	11.6	10.9	--	--

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

June 1969

Sex, age, color, and marital status	Thousands of persons					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	June 1969	June 1968	June 1969	June 1968
<b>Total</b> .....	3,400	2,349	680	242	128	69.1	69.5	10.9	11.3
16 to 21 years.....	1,810	1,494	250	58	9	82.5	80.0	3.7	5.4
16 to 19 years.....	1,437	1,194	198	39	5	83.1	81.1	3.1	4.9
20 to 24 years.....	672	478	133	43	18	71.1	74.2	9.1	7.7
25 to 44 years.....	764	439	198	90	37	57.5	56.4	16.6	16.9
45 years and over.....	527	238	151	70	68	45.2	47.1	26.1	27.2
<b>Male</b> .....	1,580	1,074	322	115	70	67.9	67.7	11.7	12.6
16 to 21 years.....	838	709	100	27	2	84.6	79.6	3.5	5.8
16 to 19 years.....	675	572	87	18	--	84.7	80.8	2.5	4.8
20 to 24 years.....	325	235	55	22	13	72.3	74.3	10.8	7.9
25 to 44 years.....	325	174	96	36	16	53.5	54.8	16.0	20.1
45 years and over.....	255	92	84	38	42	35.9	42.8	31.4	28.5
<b>Female</b> .....	1,819	1,276	358	127	59	70.1	71.1	10.2	10.1
16 to 21 years.....	973	785	150	31	6	80.7	80.3	3.8	5.0
16 to 19 years.....	761	623	111	21	7	81.8	81.3	3.6	4.9
20 to 24 years.....	347	243	78	21	5	70.0	74.1	7.5	7.6
25 to 44 years.....	440	264	101	54	22	60.0	57.5	17.3	14.0
45 years and over.....	271	146	67	32	26	54.0	53.3	21.2	25.3
<b>White: Total</b> .....	2,632	1,837	507	191	97	69.8	68.5	10.9	11.8
Male.....	1,233	853	230	94	55	69.2	67.1	12.1	13.2
Female.....	1,400	984	277	96	42	70.3	69.8	9.9	10.4
<b>Nonwhite: Total</b> .....	767	512	173	51	31	66.7	73.1	10.7	9.4
Male.....	348	221	92	20	15	63.5	70.1	10.0	10.1
Female.....	420	291	81	31	17	69.4	75.4	11.3	8.9
<b>Male: Married, wife present</b> .....	492	231	153	60	47	46.9	51.0	21.9	21.6
Widowed, divorced, or separated.....	84	40	22	14	7	(1)	55.2	(1)	13.0
Single (never married).....	1,004	803	147	40	15	79.9	77.5	5.5	8.0
<b>Female: Married, husband present</b> .....	680	434	143	67	36	63.9	62.7	15.1	12.6
Widowed, divorced, or separated.....	228	124	65	23	16	54.3	52.9	17.1	22.4
Single (never married).....	911	718	150	37	6	78.8	80.4	4.8	5.7

<sup>1</sup>Percent not shown where base is less than 100,000.

# HOUSEHOLD DATA

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

June 1969

Occupation and industry	Thousands of persons					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	June	June	June	June
						1969	1968	1969	1968
<b>OCCUPATION</b>									
White-collar workers .....	933	611	207	83	32	65.5	63.9	12.3	11.9
Professional and managerial .....	300	196	62	33	10	65.3	62.2	14.3	14.8
Clerical workers .....	464	292	119	35	17	63.0	66.1	11.4	9.7
Sales workers .....	168	123	27	15	4	73.1	60.9	10.9	12.3
Blue-collar workers .....	1,066	636	257	112	61	59.7	61.6	16.2	16.0
Craftsmen and foremen .....	166	97	33	19	17	58.3	52.8	21.7	18.0
Operatives .....	654	371	169	81	33	56.7	62.0	17.5	18.1
Nonfarm laborers .....	246	169	55	11	11	68.7	67.1	8.9	10.0
Service workers .....	526	385	88	27	26	73.2	74.1	10.0	10.8
<b>INDUSTRY <sup>1</sup></b>									
Agriculture .....	89	76	5	6	1	(2)	79.1	(2)	9.7
Construction .....	167	104	27	23	14	62.3	64.3	21.7	14.0
Manufacturing .....	714	407	188	84	35	57.0	59.3	16.7	20.6
Durable goods .....	398	213	106	56	23	53.6	57.5	19.8	22.6
Nondurable goods .....	316	194	82	28	12	61.2	61.0	12.9	18.7
Transportation and public utilities .....	102	60	23	5	14	58.5	63.2	19.2	9.1
Wholesale and retail trade .....	602	430	110	36	25	71.5	66.8	10.2	10.0
Finance and service industries .....	71	45	18	8	--	(2)	71.0	(2)	9.5
Public administration .....	97	53	37	4	3	(2)	(2)	(2)	(2)
No previous work experience .....	801	653	125	14	10	81.5	81.9	3.0	5.0

<sup>1</sup>Includes wage and salary workers only.

<sup>2</sup>Percent not shown where base is less than 100,000.

## A-17: Employed persons by age and sex (in thousands)

Age and type of industry	Total		Male		Female	
	June	June	June	June	June	June
	1969	1968	1969	1968	1969	1968
<b>All industries .....</b>	<b>78,956</b>	<b>77,273</b>	<b>49,937</b>	<b>49,363</b>	<b>29,019</b>	<b>27,910</b>
16 to 19 years .....	7,058	6,697	4,133	3,950	2,925	3,747
16 and 17 years .....	3,077	2,969	1,910	1,855	1,167	1,114
18 and 19 years .....	3,981	3,729	2,223	2,095	1,758	1,633
20 to 24 years .....	9,628	8,925	5,301	5,013	4,327	3,912
25 to 54 years .....	48,110	47,580	31,406	31,215	16,704	16,364
25 to 34 years .....	15,833	15,312	10,816	10,466	5,017	4,846
35 to 44 years .....	15,980	16,189	10,382	10,611	5,598	5,579
45 to 54 years .....	16,297	16,078	10,208	10,138	6,089	5,940
55 to 64 years .....	10,954	10,880	6,949	6,970	4,005	3,909
55 to 59 years .....	6,626	6,486	4,109	4,067	2,517	2,419
60 to 64 years .....	4,328	4,394	2,841	2,904	1,487	1,491
65 years and over .....	3,205	3,191	2,147	2,214	1,059	978
<b>Nonagricultural industries .....</b>	<b>74,589</b>	<b>72,757</b>	<b>46,495</b>	<b>45,756</b>	<b>28,094</b>	<b>27,001</b>
16 to 19 years .....	6,390	6,042	3,570	3,407	2,820	2,635
16 and 17 years .....	2,633	2,528	1,544	1,491	1,090	1,037
18 and 19 years .....	3,757	3,514	2,027	1,916	1,730	1,598
20 to 24 years .....	9,327	8,638	5,066	4,771	4,261	3,867
25 to 54 years .....	46,043	45,417	29,883	29,616	16,160	15,801
25 to 34 years .....	15,275	14,770	10,399	10,063	4,877	4,707
35 to 44 years .....	15,273	15,417	9,882	10,050	5,391	5,368
45 to 54 years .....	15,495	15,230	9,602	9,503	5,893	5,727
55 to 64 years .....	10,156	10,030	6,300	6,259	3,856	3,770
55 to 59 years .....	6,203	6,004	3,773	3,675	2,430	2,329
60 to 64 years .....	3,954	4,025	2,527	2,584	1,426	1,442
65 years and over .....	2,673	2,630	1,676	1,703	997	927
<b>Agriculture .....</b>	<b>4,367</b>	<b>4,516</b>	<b>3,442</b>	<b>3,607</b>	<b>925</b>	<b>909</b>
16 to 19 years .....	668	655	563	543	106	112
16 and 17 years .....	444	440	366	364	78	77
18 and 19 years .....	225	215	197	180	28	35
20 to 24 years .....	301	287	235	242	66	45
25 to 54 years .....	2,067	2,162	1,523	1,600	543	563
25 to 34 years .....	558	542	417	403	140	139
35 to 44 years .....	707	772	501	561	207	211
45 to 54 years .....	802	848	606	635	196	213
55 to 64 years .....	798	850	649	711	149	139
55 to 59 years .....	424	482	336	391	88	90
60 to 64 years .....	374	369	313	320	61	49
65 years and over .....	532	561	471	511	61	50

# HOUSEHOLD DATA

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

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
<b>Total</b> .....	<b>78,956</b>	<b>77,273</b>	<b>45,804</b>	<b>45,413</b>	<b>26,094</b>	<b>25,163</b>	<b>4,133</b>	<b>3,950</b>	<b>2,925</b>	<b>2,747</b>
<b>White-collar workers</b> .....	<b>36,611</b>	<b>35,236</b>	<b>18,811</b>	<b>18,341</b>	<b>15,526</b>	<b>14,797</b>	<b>736</b>	<b>679</b>	<b>1,539</b>	<b>1,419</b>
Professional and technical.....	10,335	9,884	6,480	6,187	3,681	3,503	100	90	74	104
Medical and other health.....	1,694	1,576	683	633	987	921	4	1	20	19
Teachers, except college.....	2,026	1,874	618	520	1,403	1,344	2	--	3	10
Other professional and technical.....	6,616	6,434	5,179	5,034	1,290	1,238	95	88	51	75
Managers, officials, and proprietors.....	8,011	7,736	6,686	6,484	1,286	1,211	32	33	6	8
Salaried workers.....	5,644	5,447	4,752	4,624	862	784	27	31	3	8
Self-employed workers in retail trade.....	1,131	1,099	871	835	254	263	2	2	3	--
Self-employed workers, except retail trade.....	1,236	1,189	1,064	1,025	171	164	2	--	--	--
Clerical workers.....	13,527	12,951	3,175	3,123	8,848	8,473	358	331	1,147	1,024
Stenographers, typists, and secretaries.....	3,474	3,390	44	45	3,097	3,000	12	5	321	340
Other clerical workers.....	10,053	9,561	3,130	3,078	5,750	5,472	346	326	826	684
Sales workers.....	4,739	4,664	2,470	2,547	1,711	1,609	246	226	312	282
Retail trade.....	2,924	2,763	942	907	1,489	1,414	193	174	300	267
Other sales workers.....	1,815	1,902	1,528	1,640	222	195	53	52	11	15
<b>Blue-collar workers</b> .....	<b>28,889</b>	<b>28,430</b>	<b>21,617</b>	<b>21,483</b>	<b>4,580</b>	<b>4,409</b>	<b>2,358</b>	<b>2,256</b>	<b>334</b>	<b>282</b>
Craftsmen and foremen.....	10,287	10,182	9,678	9,592	298	282	299	298	12	10
Carpenters.....	901	890	873	851	1	1	27	38	--	--
Construction craftsmen, except carpenters.....	2,034	1,916	1,940	1,834	12	14	78	67	3	--
Mechanics and repairmen.....	2,724	2,754	2,564	2,602	36	28	123	124	2	--
Metal craftsmen, except mechanics.....	1,188	1,230	1,151	1,191	24	19	14	19	1	--
Other craftsmen and kindred workers.....	1,908	1,944	1,724	1,763	125	128	54	44	6	9
Foremen, not elsewhere classified.....	1,531	1,448	1,425	1,351	101	90	4	5	--	1
Operatives.....	14,488	14,206	9,090	9,005	4,136	4,013	967	942	295	245
Drivers and deliverymen.....	2,517	2,579	2,298	2,365	67	61	149	149	2	4
Other operatives.....	11,971	11,626	6,792	6,641	4,068	3,953	818	794	293	241
Durable goods manufacturing.....	5,047	4,880	3,444	3,331	1,284	1,260	231	223	88	67
Nondurable goods manufacturing.....	3,973	3,884	1,609	1,599	2,038	2,004	189	164	137	117
Other industries.....	2,951	2,862	1,739	1,711	746	689	398	407	68	57
Nonfarm laborers.....	4,115	4,042	2,849	2,886	146	114	1,092	1,016	27	26
Construction.....	969	879	747	659	1	3	219	215	2	2
Manufacturing.....	1,167	1,168	878	923	85	69	196	171	9	5
Other industries.....	1,979	1,995	1,225	1,305	60	42	677	630	17	19
<b>Service workers</b> .....	<b>9,396</b>	<b>9,501</b>	<b>2,698</b>	<b>2,802</b>	<b>5,227</b>	<b>5,233</b>	<b>518</b>	<b>524</b>	<b>953</b>	<b>943</b>
Private household workers.....	1,541	1,767	19	25	1,209	1,384	6	8	307	350
Service workers, except private household.....	7,855	7,734	2,679	2,777	4,018	3,848	512	516	646	593
Protective service workers.....	1,015	1,019	900	918	35	39	54	36	26	26
Waiters, cooks, and bartenders.....	2,124	2,097	410	415	1,284	1,287	131	117	299	278
Other service workers.....	4,716	4,618	1,369	1,444	2,699	2,522	328	363	321	289
<b>Farm workers</b> .....	<b>4,059</b>	<b>4,107</b>	<b>2,678</b>	<b>2,787</b>	<b>761</b>	<b>725</b>	<b>521</b>	<b>490</b>	<b>99</b>	<b>105</b>
Farmers and farm managers.....	2,002	2,079	1,890	1,978	101	78	8	24	3	--
Farm laborers and foremen.....	2,057	2,027	788	809	661	647	513	466	96	105
Paid workers.....	1,323	1,250	726	733	218	183	332	285	47	48
Unpaid family workers.....	735	777	61	76	442	464	182	181	49	56

# HOUSEHOLD DATA

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

(Percent distribution)

Occupation group and color	Total		Male		Female	
	June 1969	June 1968	June 1969	June 1968	June 1969	June 1968
	<b>TOTAL</b>					
Total employed (thousands) .....	78,956	77,273	49,937	49,363	29,019	27,910
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	46.4	45.6	39.1	38.5	58.8	58.1
Professional and technical .....	13.1	12.8	13.2	12.7	12.9	12.9
Managers, officials, and proprietors .....	10.1	10.0	13.5	13.2	4.5	4.4
Clerical workers .....	17.1	16.8	7.1	7.0	34.4	34.0
Sales workers .....	6.0	6.0	5.4	5.6	7.0	6.8
<b>Blue-collar workers</b> .....	36.6	36.8	48.0	48.1	16.9	16.8
Craftsmen and foremen .....	13.0	13.2	20.0	20.0	1.1	1.0
Operatives .....	18.3	18.4	20.1	20.2	15.3	15.3
Nonfarm laborers .....	5.2	5.2	7.9	7.9	.6	.5
<b>Service workers</b> .....	11.9	12.3	6.4	6.7	21.3	22.1
Private household workers .....	2.0	2.3	.1	.1	5.2	6.2
Other service workers .....	9.9	10.0	6.4	6.7	16.1	15.9
<b>Farm workers</b> .....	5.1	5.3	6.4	6.6	3.0	3.0
Farmers and farm managers .....	2.5	2.7	3.8	4.1	.4	.3
Farm laborers and foremen .....	2.6	2.6	2.6	2.6	2.6	2.7
<b>WHITE</b>						
Total employed (thousands) .....	70,545	68,944	45,100	44,540	25,444	24,404
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	48.9	48.3	41.2	40.7	62.5	62.0
Professional and technical .....	13.7	13.4	13.9	13.4	13.4	13.5
Managers, officials, and proprietors .....	11.0	10.9	14.4	14.2	4.9	4.7
Clerical workers .....	17.7	17.4	7.0	7.0	36.6	36.4
Sales workers .....	6.5	6.5	5.8	6.0	7.7	7.4
<b>Blue-collar workers</b> .....	36.0	36.2	46.9	46.9	16.7	16.7
Craftsmen and foremen .....	13.6	13.8	20.6	20.8	1.1	1.1
Operatives .....	17.8	17.8	19.4	19.3	15.0	15.1
Nonfarm laborers .....	4.5	4.6	6.8	6.9	.6	.5
<b>Service workers</b> .....	10.2	10.4	5.7	6.0	18.1	18.6
Private household workers .....	1.2	1.4	(1)	.1	3.3	3.8
Other service workers .....	9.0	9.0	5.7	5.9	14.7	14.7
<b>Farm workers</b> .....	5.0	5.1	6.3	6.4	2.7	2.7
Farmers and farm managers .....	2.7	2.8	4.0	4.3	.4	.3
Farm laborers and foremen .....	2.3	2.3	2.2	2.2	2.3	2.4
<b>NONWHITE</b>						
Total employed (thousands) .....	8,412	8,330	4,836	4,823	3,575	3,507
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
<b>White-collar workers</b> .....	25.4	23.6	20.3	18.4	32.3	30.7
Professional and technical .....	7.7	7.6	6.3	6.4	9.7	9.2
Managers, officials, and proprietors .....	3.2	2.8	4.5	3.6	1.3	1.8
Clerical workers .....	12.6	11.3	7.5	6.8	19.4	17.6
Sales workers .....	1.9	1.8	2.0	1.6	1.8	2.1
<b>Blue-collar workers</b> .....	41.6	41.7	58.8	59.3	18.4	17.5
Craftsmen and foremen .....	8.2	7.9	13.8	13.2	.7	.6
Operatives .....	22.6	23.3	26.7	28.5	16.9	16.3
Nonfarm laborers .....	10.8	10.4	18.3	17.6	.8	.6
<b>Service workers</b> .....	26.4	27.8	13.1	13.9	44.3	47.0
Private household workers .....	8.1	9.7	.2	.2	18.7	22.8
Other service workers .....	18.3	18.1	12.9	13.7	25.6	24.2
<b>Farm workers</b> .....	6.6	6.9	7.8	8.4	4.9	4.8
Farmers and farm managers .....	1.2	1.4	1.8	2.3	.3	.3
Farm laborers and foremen .....	5.4	5.4	6.0	6.1	4.6	4.4

(1) less than 0.05.

# HOUSEHOLD DATA

## A-20: Employed persons by class of worker, age, and sex

June 1969  
(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> .....	68,764	1,780	11,500	55,484	5,304	521	1,558	2,056	753
16 to 19 years.....	6,268	390	630	5,249	63	59	421	17	230
16 and 17 years.....	2,556	307	243	2,006	43	34	280	8	155
18 and 19 years.....	3,712	83	386	3,243	20	25	141	8	76
20 to 24 years.....	9,150	95	1,333	7,721	157	20	209	40	52
25 to 34 years.....	14,436	151	2,394	11,892	767	72	261	216	80
35 to 44 years.....	13,954	209	2,401	11,344	1,211	107	216	359	132
45 to 54 years.....	13,964	358	2,670	10,935	1,374	157	166	503	134
55 to 64 years.....	8,887	326	1,765	6,796	1,178	91	186	518	94
55 to 59 years.....	5,470	180	1,117	4,172	673	60	104	261	58
60 to 64 years.....	3,417	145	648	2,624	505	31	81	257	36
65 years and over.....	2,105	251	307	1,547	553	15	99	403	31
<b>Male</b> .....	42,386	227	6,482	35,676	4,047	62	1,250	1,949	243
16 to 19 years.....	3,485	81	335	3,069	42	43	368	14	182
16 and 17 years.....	1,488	70	145	1,272	30	26	236	7	123
18 and 19 years.....	1,998	11	190	1,797	12	17	131	7	58
20 to 24 years.....	4,951	9	577	4,365	103	12	157	39	40
25 to 34 years.....	9,829	13	1,393	8,423	569	--	203	209	6
35 to 44 years.....	8,920	16	1,441	7,462	959	3	153	346	2
45 to 54 years.....	8,537	26	1,551	6,960	1,064	1	124	478	3
55 to 64 years.....	5,395	31	990	4,374	904	1	153	490	6
55 to 59 years.....	3,252	15	632	2,604	521	--	87	249	--
60 to 64 years.....	2,143	16	357	1,769	384	1	67	242	5
65 years and over.....	1,269	50	196	1,024	405	2	92	374	5
<b>Female</b> .....	26,379	1,553	5,017	19,808	1,257	459	308	107	510
16 to 19 years.....	2,783	308	295	2,180	21	16	54	3	49
16 and 17 years.....	1,069	237	99	734	13	8	44	2	32
18 and 19 years.....	1,714	72	196	1,446	8	8	9	1	17
20 to 24 years.....	4,199	86	757	3,356	54	8	52	1	12
25 to 34 years.....	4,607	138	1,001	3,468	198	72	59	7	74
35 to 44 years.....	5,034	192	960	3,882	252	105	63	13	131
45 to 54 years.....	5,426	332	1,119	3,975	310	156	41	25	131
55 to 64 years.....	3,493	294	776	2,423	273	90	32	28	88
55 to 59 years.....	2,218	165	485	1,568	152	60	18	12	58
60 to 64 years.....	1,275	129	290	855	122	30	14	16	31
65 years and over.....	836	202	111	524	148	13	7	29	26



# HOUSEHOLD DATA

## 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					
	June 1969	June 1968	Total		Wage and salary workers <sup>1</sup>			
			June 1969	June 1968	Paid absence <sup>2</sup>		Unpaid absence <sup>2</sup>	
					June 1969	June 1968	June 1969	June 1968
<b>Total</b> .....	5,238	5,136	5,146	5,044	2,852	2,768	1,978	1,970
Vacation .....	3,219	3,220	3,185	3,206	2,291	2,288	781	780
Illness .....	1,130	1,036	1,094	1,000	367	321	623	602
Bad weather .....	33	48	23	30	--	--	--	--
Industrial dispute .....	129	146	129	146	--	--	--	--
All other reasons .....	728	687	714	663	195	159	574	588
<b>Male</b> .....	2,852	2,751	2,765	2,666	1,725	1,614	877	890
Vacation .....	1,658	1,594	1,628	1,583	1,342	1,303	232	212
Illness .....	706	659	672	623	252	207	366	373
All other reasons .....	488	498	465	460	131	104	278	305
<b>Female</b> .....	2,386	2,386	2,381	2,379	1,127	1,154	1,102	1,078
Vacation .....	1,561	1,626	1,557	1,623	949	985	550	569
Illness .....	424	377	422	376	115	114	257	228
All other reasons .....	401	383	401	380	64	55	296	281

<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

June 1969

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work .....	73,718	69,443	4,275	100.0	100.0	100.0
<b>1-34 hours</b> .....	14,664	13,420	1,243	19.9	19.3	29.1
1-4 hours .....	651	608	42	.9	.9	1.0
5-14 hours .....	2,872	2,609	263	3.9	3.8	6.2
15-29 hours .....	7,234	6,541	693	9.8	9.4	16.2
30-34 hours .....	3,907	3,662	245	5.3	5.3	5.7
<b>35 hours and over</b> .....	59,055	56,021	3,032	80.1	80.7	70.9
35-39 hours .....	5,064	4,867	197	6.9	7.0	4.6
40 hours .....	30,679	20,240	439	41.6	43.5	10.3
41 hours and over .....	23,312	20,914	2,396	31.6	30.1	56.0
41 to 48 hours .....	9,484	9,180	303	12.9	31.2	7.1
49 to 59 hours .....	6,973	6,460	513	9.5	9.3	12.0
60 hours and over .....	6,855	5,274	1,580	9.3	7.6	37.0
Average hours, total at work .....	40.6	40.1	48.6	--	--	--
Average hours, workers on full-time schedules .....	44.4	43.7	57.9	--	--	--

# HOUSEHOLD DATA

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

June 1969  
(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 .....	14,664	4,806	9,858	13,420	4,471	8,950
Economic reasons .....	2,523	1,252	1,271	2,221	1,143	1,078
Slack work .....	966	704	262	815	618	197
Material shortages or repairs to plant and equipment .....	53	53	--	50	50	--
New job started during week .....	404	404	--	390	390	--
Job terminated during week .....	90	90	--	84	84	--
Could find only part-time work .....	1,008	--	1,008	881	--	881
Other reasons .....	12,143	3,555	8,588	11,198	3,326	7,872
Does not want, or unavailable for, full-time work .....	6,412	--	6,412	5,926	--	5,926
Vacation .....	614	614	--	602	602	--
Illness .....	1,406	1,126	280	1,276	1,080	196
Bad weather .....	402	402	--	260	260	--
Industrial dispute .....	44	44	--	44	44	--
Legal or religious holiday .....	80	80	--	80	80	--
Full time for this job .....	1,297	--	1,297	1,267	--	1,267
All other reasons .....	1,887	1,289	598	1,744	1,263	481
Average hours:						
Economic reasons .....	30.4	23.0	17.8	20.5	23.1	17.8
Other reasons .....	20.8	25.8	18.7	20.8	25.9	18.7
Worked 30 to 34 hours:						
Economic reasons .....	649	453	196	592	421	171
Other reasons .....	3,258	1,777	1,481	3,070	1,691	1,379

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

June 1969

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	3.2	11.3	85.4	55.3	13.2	16.9	40.1	43.7
Wage and salary workers .....	100.0	3.2	10.9	85.9	57.8	13.5	14.6	39.6	43.0
Construction .....	100.0	5.1	3.7	91.2	62.6	12.7	15.9	40.7	42.7
Manufacturing .....	100.0	2.5	2.6	95.0	63.7	17.3	14.0	41.7	42.7
Durable goods .....	100.0	1.3	1.6	97.1	64.7	17.8	14.6	42.3	42.9
Nondurable goods .....	100.0	4.1	4.1	91.7	62.1	16.5	13.1	40.8	42.5
Transportation and public utilities .....	100.0	1.8	4.9	93.4	61.8	14.0	17.6	42.3	43.8
Wholesale and retail trade .....	100.0	4.4	20.4	75.2	43.2	14.8	17.2	38.3	44.3
Finance, insurance, and real estate .....	100.0	1.3	10.1	88.6	66.9	9.0	12.7	39.2	41.7
Service industries .....	100.0	4.4	20.3	75.2	52.8	9.7	12.7	36.4	42.7
Private households .....	100.0	14.7	45.8	39.4	23.5	7.2	8.7	25.8	44.1
All other service .....	100.0	3.1	17.1	79.9	56.5	10.1	13.3	37.7	42.5
Public administration .....	100.0	1.0	5.2	93.8	72.6	8.8	12.4	40.9	42.2
Self-employed workers .....	100.0	2.8	13.8	83.3	27.6	10.6	45.1	46.4	52.3
Unpaid family workers .....	100.0	2.1	39.7	58.1	25.5	6.1	26.5	38.4	49.9

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

# HOUSEHOLD DATA

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

June 1969

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		
(In thousands)								
<b>TOTAL</b>								
Total, 16 years and over.....	69,443	2,221	7,872	59,350	38,436	20,914	40.1	43.7
16 to 21 years.....	9,645	948	2,376	6,321	4,697	1,624	33.3	41.4
16 to 19 years.....	6,164	760	1,983	3,421	2,534	887	30.8	41.4
16 and 17 years.....	2,553	424	1,235	894	647	247	25.1	41.4
18 and 19 years.....	3,611	335	749	2,527	1,887	640	34.8	41.4
20 years and over.....	63,279	1,462	5,889	55,928	35,900	20,028	41.0	43.8
20 to 24 years.....	8,745	338	771	7,636	5,471	2,165	39.3	42.1
25 years and over.....	54,534	1,123	5,117	48,294	30,432	17,862	41.3	44.1
25 to 44 years.....	28,470	537	2,154	25,779	15,850	9,929	42.1	44.4
45 to 64 years.....	23,592	529	1,971	21,092	13,695	7,397	41.2	43.7
65 years and over.....	2,472	59	992	1,421	886	535	32.8	44.4
<b>Males, 16 years and over.....</b>	<b>43,730</b>	<b>1,101</b>	<b>2,445</b>	<b>40,184</b>	<b>23,027</b>	<b>17,157</b>	<b>43.0</b>	<b>45.1</b>
16 to 21 years.....	5,125	536	1,204	3,385	2,258	1,127	34.5	42.8
16 to 19 years.....	3,458	444	1,034	1,980	1,362	618	32.1	42.4
16 and 17 years.....	1,502	262	660	580	412	168	26.8	41.9
18 and 19 years.....	1,956	183	374	1,399	949	450	36.1	42.6
20 years and over.....	40,271	656	1,411	38,204	21,665	16,539	44.0	45.3
20 to 24 years.....	4,784	165	303	4,316	2,649	1,667	41.5	43.9
25 years and over.....	35,486	492	1,108	33,886	19,013	14,873	44.3	45.4
25 to 44 years.....	19,130	223	256	18,651	10,071	8,580	45.3	45.9
45 to 64 years.....	14,789	232	303	14,254	8,361	5,893	44.0	44.9
65 years and over.....	1,568	36	550	982	581	401	34.6	44.7
<b>Females, 16 years and over.....</b>	<b>25,713</b>	<b>1,121</b>	<b>5,427</b>	<b>19,165</b>	<b>15,408</b>	<b>3,757</b>	<b>35.1</b>	<b>40.6</b>
16 to 21 years.....	4,520	412	1,172	2,936	2,439	497	32.0	39.9
16 to 19 years.....	2,705	316	949	1,440	1,171	269	29.1	40.0
16 and 17 years.....	1,051	163	575	313	234	79	22.8	40.5
18 and 19 years.....	1,654	153	374	1,127	937	190	33.1	39.9
20 years and over.....	23,008	805	4,478	17,725	14,236	3,489	35.8	40.7
20 to 24 years.....	3,960	173	469	3,318	2,819	499	36.6	39.7
25 years and over.....	19,048	632	4,009	14,407	11,417	2,990	35.7	40.9
25 to 44 years.....	9,340	313	1,898	7,129	5,781	1,348	35.5	40.5
45 to 64 years.....	8,803	296	1,668	6,839	5,334	1,505	36.5	41.2
65 years and over.....	904	24	442	438	302	136	29.6	43.8
<b>COLOR</b>								
Total White.....	62,133	1,840	7,137	53,156	33,735	19,421	40.3	43.9
Male.....	39,552	933	2,244	36,375	20,320	16,055	43.2	45.4
Female.....	22,581	907	4,893	16,781	13,415	3,366	35.1	40.7
Total Nonwhite.....	7,310	383	735	6,192	4,697	1,495	38.4	41.8
Male.....	4,178	168	201	3,809	2,707	1,102	40.8	42.9
Female.....	3,132	214	534	2,384	1,992	392	35.0	40.1
<b>MARITAL STATUS</b>								
<b>Male:</b>								
Married, wife present.....	33,716	411	918	32,387	17,824	14,563	44.5	45.5
Widowed, divorced, or separated.....	2,223	79	142	2,002	1,235	767	41.6	44.2
Single (never married).....	7,791	612	1,385	5,794	3,967	1,827	36.8	43.1
<b>Female:</b>								
Married, husband present.....	14,471	486	3,343	10,642	8,643	1,999	34.9	40.4
Widowed, divorced, or separated.....	4,961	218	796	3,947	3,028	919	36.9	41.4
Single (never married).....	6,281	416	1,288	4,577	3,738	839	34.2	40.4

# HOUSEHOLD DATA

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

June 1969

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	3.2	11.3	85.4	55.3	30.1
16 to 21 years.....	100.0	9.8	24.6	65.5	48.7	16.8
16 to 19 years.....	100.0	12.3	32.2	55.5	41.1	14.4
16 and 17 years.....	100.0	16.6	48.4	35.0	25.3	9.7
18 and 19 years.....	100.0	9.3	20.7	70.0	52.3	17.7
20 years and over.....	100.0	2.3	9.3	88.4	56.7	31.7
20 to 24 years.....	100.0	3.9	8.8	87.4	62.6	24.8
25 years and over.....	100.0	2.1	9.4	88.6	55.8	32.8
25 to 44 years.....	100.0	1.9	7.6	90.6	55.7	34.9
45 to 64 years.....	100.0	2.2	8.4	89.4	58.0	31.4
65 years and over.....	100.0	2.4	40.1	57.4	35.8	21.6
<b>Males, 16 years and over.....</b>	<b>100.0</b>	<b>2.5</b>	<b>5.6</b>	<b>91.9</b>	<b>52.7</b>	<b>39.2</b>
16 to 21 years.....	100.0	10.5	23.5	66.1	44.1	22.0
16 to 19 years.....	100.0	12.8	29.9	57.3	39.4	17.9
16 and 17 years.....	100.0	17.4	43.9	38.6	27.4	11.2
18 and 19 years.....	100.0	9.4	19.1	71.5	48.5	23.0
20 years and over.....	100.0	1.6	3.5	94.9	53.8	41.1
20 to 24 years.....	100.0	3.4	6.3	90.2	55.4	34.8
25 years and over.....	100.0	1.4	3.1	95.5	53.6	41.9
25 to 44 years.....	100.0	1.2	1.3	97.5	52.6	44.9
45 to 64 years.....	100.0	1.6	2.0	96.3	56.5	39.8
65 years and over.....	100.0	2.3	35.1	62.7	37.1	25.6
<b>Females, 16 years and over.....</b>	<b>100.0</b>	<b>4.4</b>	<b>21.1</b>	<b>74.5</b>	<b>59.9</b>	<b>14.6</b>
16 to 21 years.....	100.0	9.1	25.9	65.0	54.0	11.0
16 to 19 years.....	100.0	11.7	35.1	53.2	43.3	9.9
16 and 17 years.....	100.0	15.5	54.7	29.8	22.3	7.5
18 and 19 years.....	100.0	9.3	22.6	68.2	56.7	11.5
20 years and over.....	100.0	3.5	19.5	77.1	61.9	15.2
20 to 24 years.....	100.0	4.4	11.8	83.8	71.2	12.6
25 years and over.....	100.0	3.3	21.0	75.6	59.9	15.7
25 to 44 years.....	100.0	3.4	20.3	76.3	61.9	14.4
45 to 64 years.....	100.0	3.4	18.9	77.7	60.6	17.1
65 years and over.....	100.0	2.7	48.9	48.4	33.4	15.0
<b>COLOR</b>						
Total White.....	100.0	3.0	11.5	85.6	54.3	31.3
Male.....	100.0	2.4	5.7	92.0	51.4	40.6
Female.....	100.0	4.0	21.7	74.3	59.4	14.9
Total Nonwhite.....	100.0	5.2	10.1	84.8	64.3	20.5
Male.....	100.0	4.0	4.8	91.2	64.8	26.4
Female.....	100.0	6.8	17.0	76.1	63.6	12.5
<b>MARITAL STATUS</b>						
<b>Male:</b>						
Married, wife present.....	100.0	1.2	2.7	96.1	52.9	43.2
Widowed, divorced, or separated.....	100.0	3.6	6.4	90.1	55.6	34.5
Single (never married).....	100.0	7.9	17.8	74.4	50.9	23.5
<b>Female:</b>						
Married, husband present.....	100.0	3.4	23.1	73.5	59.7	13.8
Widowed, divorced, or separated.....	100.0	4.4	16.0	79.5	61.0	18.5
Single (never married).....	100.0	6.6	20.5	72.9	59.5	13.4

HOUSEHOLD DATA

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

June 1969

Occupation 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.....	33,819	582	4,056	29,181	18,883	3,714	6,584	40.7	44.1
Professional and technical.....	9,044	99	898	8,047	5,184	996	1,867	41.0	43.9
Managers, officials, and proprietors.....	7,590	56	288	7,246	3,005	1,092	3,149	48.1	49.5
Clerical workers.....	12,728	272	1,845	10,611	8,826	1,077	708	37.0	40.4
Sales workers.....	4,456	153	1,025	3,278	1,868	550	860	37.9	44.6
Blue-collar workers.....	27,137	1,118	1,427	24,592	15,798	4,535	4,259	41.1	43.2
Craftsmen and foremen.....	9,616	177	262	9,177	5,622	1,756	1,799	42.6	43.7
Operatives.....	13,597	560	662	12,375	8,008	2,275	2,092	41.2	43.2
Nonfarm laborers.....	3,924	382	504	3,038	2,167	504	367	36.5	43.5
Service workers.....	8,780	546	2,440	5,794	3,851	955	988	34.8	43.5
Private household.....	1,482	204	685	593	358	104	131	26.1	44.1
Other service workers.....	7,298	342	1,755	5,201	3,492	851	858	36.6	43.5
<b>MALE</b>									
White-collar workers.....	18,365	209	943	17,213	9,020	2,570	5,623	44.9	46.6
Professional and technical.....	6,072	52	296	5,724	3,384	771	1,569	43.7	45.2
Managers, officials, and proprietors.....	6,381	44	135	6,202	2,378	954	2,870	49.2	50.0
Clerical workers.....	3,318	60	238	3,020	2,162	434	424	40.5	42.4
Sales workers.....	2,593	51	274	2,268	1,096	412	760	42.8	46.3
Blue-collar workers.....	22,567	808	1,022	20,737	12,680	3,965	4,092	41.9	43.9
Craftsmen and foremen.....	9,326	168	231	8,927	5,451	1,696	1,780	42.8	43.8
Operatives.....	9,478	268	333	8,877	5,146	1,783	1,948	43.0	44.5
Nonfarm laborers.....	3,763	373	459	2,931	2,082	486	363	36.7	42.1
Service workers.....	3,028	104	503	2,421	1,403	455	563	40.2	45.5
Private household.....	25	--	10	15	8	7	--	33.2	44.8
Other service workers.....	3,003	104	493	2,406	1,395	448	563	40.2	45.5
<b>FEMALE</b>									
White-collar workers.....	15,454	373	3,114	11,967	9,862	1,144	961	35.7	40.5
Professional and technical.....	2,972	46	602	2,324	1,801	225	298	35.5	40.6
Managers, officials, and proprietors.....	1,209	12	153	1,044	627	138	279	42.7	46.4
Clerical workers.....	9,410	212	1,607	7,591	6,664	643	284	35.8	39.6
Sales workers.....	1,863	102	752	1,009	771	138	100	31.2	40.9
Blue-collar workers.....	4,570	311	405	3,854	3,116	570	168	36.9	39.8
Craftsmen and foremen.....	289	8	31	250	172	59	19	37.2	40.4
Operatives.....	4,119	292	329	3,498	2,860	493	145	37.1	39.8
Nonfarm laborers.....	161	11	45	105	83	18	4	31.2	39.3
Service workers.....	5,752	442	1,937	3,373	2,448	500	425	32.0	42.1
Private household.....	1,457	205	675	577	349	97	131	26.0	44.0
Other service workers.....	4,296	238	1,262	2,796	2,099	403	294	34.0	41.7

# HOUSEHOLD DATA

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

June 1969

Occupation 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	1.7	12.0	86.3	55.8	11.0	19.5
Professional and technical.....	100.0	1.1	9.9	88.9	57.3	11.0	20.6
Managers, officials, and proprietors.....	100.0	.7	3.8	95.5	39.6	14.4	41.5
Clerical workers.....	100.0	2.1	14.5	83.4	69.3	8.5	5.6
Sales workers.....	100.0	3.4	23.0	73.5	41.9	12.3	19.3
Blue-collar workers.....	100.0	4.1	5.3	90.6	58.2	16.7	15.7
Craftsmen and foremen.....	100.0	1.8	2.7	95.5	58.5	18.3	18.7
Operatives.....	100.0	4.1	4.9	91.0	58.9	16.7	15.4
Nonfarm laborers.....	100.0	9.7	12.8	77.4	55.2	12.8	9.4
Service workers.....	100.0	6.2	27.8	66.1	43.9	10.9	11.3
Private household.....	100.0	13.8	46.2	40.0	24.2	7.0	8.8
Other service workers.....	100.0	4.7	24.0	71.3	47.8	11.7	11.8
<b>MALE</b>							
White-collar workers.....	100.0	1.1	5.1	93.7	49.1	14.0	30.6
Professional and technical.....	100.0	.9	4.9	94.2	55.7	12.7	25.8
Managers, officials, and proprietors.....	100.0	.7	2.1	97.3	37.3	15.0	45.0
Clerical workers.....	100.0	1.8	7.2	91.1	65.2	13.1	12.8
Sales workers.....	100.0	2.0	10.6	87.5	42.3	15.9	29.3
Blue-collar workers.....	100.0	3.6	4.5	91.9	56.2	17.6	18.1
Craftsmen and foremen.....	100.0	1.8	2.5	95.7	58.4	18.2	19.1
Operatives.....	100.0	2.8	3.5	93.7	54.3	18.8	20.6
Nonfarm laborers.....	100.0	9.9	12.2	77.8	55.3	12.9	9.6
Service workers.....	100.0	3.4	16.6	79.9	46.3	15.0	18.6
Private household.....	100.0	--	40.0	60.0	32.0	28.0	--
Other service workers.....	100.0	3.5	16.4	80.1	46.5	14.9	18.7
<b>FEMALE</b>							
White-collar workers.....	100.0	2.4	20.2	77.4	63.8	7.4	6.2
Professional and technical.....	100.0	1.5	20.3	78.2	60.6	7.6	10.0
Managers, officials, and proprietors.....	100.0	1.0	12.7	86.4	51.9	11.4	23.1
Clerical workers.....	100.0	2.3	17.1	80.6	70.8	6.8	3.0
Sales workers.....	100.0	5.5	40.4	54.2	41.4	7.4	5.4
Blue-collar workers.....	100.0	6.8	8.9	84.4	68.2	12.5	3.7
Craftsmen and foremen.....	100.0	2.8	10.7	86.5	59.5	20.4	6.6
Operatives.....	100.0	7.1	8.0	84.9	69.4	12.0	3.5
Nonfarm laborers.....	100.0	6.8	28.0	65.3	51.6	11.2	2.5
Service workers.....	100.0	7.7	33.7	58.7	42.6	8.7	7.4
Private household.....	100.0	14.1	46.3	39.7	24.0	6.7	9.0
Other service workers.....	100.0	5.5	29.4	65.1	48.9	9.4	6.8

# HOUSEHOLD DATA

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

June 1969

(In thousands)

Employment status	Total			White			Nonwhite		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population.....	7,839	3,971	3,868	6,745	3,427	3,317	1,094	543	551
Civilian labor force.....	2,158	1,383	775	1,915	1,226	689	243	157	86
Employed.....	1,850	1,195	655	1,688	1,083	605	162	112	50
Agriculture.....	470	373	97	404	335	69	67	39	28
Nonagricultural industries.....	1,380	822	558	1,285	749	536	95	73	22
Unemployed.....	308	188	120	227	143	84	81	45	36
Not in labor force.....	5,681	2,587	3,093	4,829	2,201	2,628	851	386	465
Keeping house.....	364	12	352	305	11	294	59	--	58
Going to school.....	2,714	1,309	1,405	2,271	1,108	1,163	443	201	242
Unable to work.....	16	5	11	6	5	1	11	1	10
All other reasons.....	2,587	1,262	1,326	2,248	1,078	1,170	340	184	156

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

June 1969

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
<b>CLASS OF WORKER</b>						
Total.....	1,850	1,195	655	100.0	100.0	100.0
Nonagricultural industries.....	1,380	822	558	74.5	68.7	85.2
Wage and salary workers.....	1,251	714	536	67.6	59.7	82.0
Private household workers.....	569	182	387	30.8	15.2	59.2
Government workers.....	52	30	23	2.8	2.5	3.5
Other wage and salary workers.....	629	502	126	34.0	42.0	19.3
Self-employed workers.....	98	84	14	5.3	7.0	2.1
Unpaid family workers.....	31	24	7	1.7	2.0	1.1
Agriculture.....	470	373	97	25.5	31.3	14.8
Wage and salary workers.....	278	213	65	15.0	17.8	9.9
Self-employed workers.....	16	15	1	.9	1.3	.2
Unpaid family workers.....	177	146	31	9.6	12.2	4.7
<b>OCCUPATION</b>						
Total.....	1,850	1,195	655	100.0	100.0	100.0
White-collar workers.....	302	226	76	16.3	18.8	11.5
Professional and technical.....	8	5	2	.4	.4	.3
Managers, officials, and proprietors.....	2	2	--	.1	.2	--
Clerical workers.....	53	13	40	2.9	1.1	6.1
Sales workers.....	239	205	33	12.9	17.2	5.0
Blue-collar workers.....	473	459	14	25.5	38.4	2.1
Craftsmen and foremen.....	15	14	1	.8	1.2	.2
Operatives.....	84	79	5	4.5	6.6	.8
Nonfarm laborers.....	373	366	8	20.2	30.6	1.2
Service workers.....	632	158	474	34.2	13.2	72.5
Private household workers.....	393	9	384	21.3	.8	58.7
Other service workers.....	239	149	90	12.9	12.5	13.8
Farm workers.....	443	353	91	24.0	29.5	13.9
Farmers and farm managers.....	3	2	2	.2	.2	.3
Farm laborers and foremen.....	440	351	89	23.8	29.4	13.6

# HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Employment status, age, and sex	1969						1968						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>Total</b>													
Total labor force .....	83,957	83,593	83,966	83,999	83,831	83,351	82,868	82,559	82,403	82,438	82,338	82,504	82,486
Civilian labor force .....	80,433	80,071	80,450	80,495	80,356	79,874	79,368	79,042	78,800	78,847	78,749	78,917	78,919
Employed .....	77,671	77,265	77,605	77,767	77,729	77,229	76,765	76,388	76,002	76,000	75,973	76,020	76,005
Agriculture .....	3,705	3,805	3,664	3,732	3,881	3,752	3,842	3,706	3,525	3,651	3,751	3,825	3,849
Nonagricultural industries .....	73,966	73,460	73,941	74,035	73,848	73,477	72,923	72,682	72,477	72,349	72,222	72,195	72,156
On part time for economic reasons .....	1,874	1,688	1,670	1,801	1,638	1,605	1,673	1,711	1,687	1,743	1,810	1,764	1,854
Usually work full time .....	1,030	862	858	979	870	805	872	852	907	974	974	945	1,009
Usually work part time .....	844	826	812	822	768	800	801	859	780	769	836	819	845
Unemployed .....	2,762	2,806	2,845	2,728	2,627	2,645	2,603	2,654	2,798	2,847	2,776	2,897	2,914
<b>Men, 20 years and over</b>													
Total labor force .....	49,304	49,267	49,286	49,378	49,336	49,189	49,132	48,926	48,911	48,981	49,023	48,983	48,906
Civilian labor force .....	46,206	46,171	46,195	46,297	46,280	46,131	46,093	45,871	45,782	45,863	45,906	45,916	45,903
Employed .....	45,260	45,227	45,285	45,422	45,422	45,231	45,254	44,940	44,773	44,858	44,921	44,913	44,861
Agriculture .....	2,676	2,731	2,681	2,706	2,732	2,680	2,763	2,753	2,656	2,711	2,784	2,848	2,848
Nonagricultural industries .....	42,584	42,496	42,604	42,716	42,690	42,551	42,491	42,187	42,117	42,147	42,137	42,065	42,013
Unemployed .....	946	944	910	875	858	900	839	931	1,009	1,005	985	1,003	1,042
<b>Women, 20 years and over</b>													
Civilian labor force .....	27,262	27,049	27,205	27,189	27,230	26,950	26,737	26,630	26,480	26,394	26,216	26,354	26,285
Employed .....	26,251	26,046	26,169	26,228	26,264	25,999	25,802	25,702	25,495	25,375	25,240	25,341	25,311
Agriculture .....	617	627	609	638	731	691	722	621	541	550	580	569	599
Nonagricultural industries .....	25,634	25,419	25,560	25,590	25,533	25,308	25,080	25,081	24,954	24,825	24,660	24,772	24,712
Unemployed .....	1,011	1,003	1,036	961	966	951	935	928	985	1,019	976	1,013	974
<b>Both sexes, 16-19 years</b>													
Civilian labor force .....	6,965	6,851	7,050	7,009	6,846	6,793	6,538	6,541	6,538	6,590	6,627	6,647	6,731
Employed .....	6,160	5,992	6,151	6,117	6,043	5,999	5,709	5,746	5,734	5,767	5,812	5,766	5,833
Agriculture .....	412	447	374	388	418	381	357	332	328	390	387	408	402
Nonagricultural industries .....	5,748	5,545	5,777	5,729	5,625	5,618	5,352	5,414	5,406	5,377	5,425	5,358	5,431
Unemployed .....	805	859	899	892	803	794	829	795	804	823	815	881	898

**NOTE:** Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-35 will not necessarily add to totals.



# HOUSEHOLD DATA SEASONALLY ADJUSTED

## A-30: Employment status by color, sex, and age, seasonally adjusted

(In thousands)

Characteristics	1969						1968						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>WHITE</b>													
Total:													
Civilian labor force .....	71,437	71,137	71,589	71,688	71,475	71,101	70,669	70,444	70,050	70,133	69,934	69,984	70,034
Employed .....	69,275	68,915	69,366	69,494	69,376	68,984	68,584	68,332	67,899	67,878	67,700	67,683	67,719
Unemployed .....	2,162	2,222	2,223	2,194	2,099	2,117	2,088	2,112	2,151	2,255	2,234	2,301	2,315
Unemployment rate .....	3.0	3.1	3.1	3.1	2.9	3.0	3.0	3.0	3.1	3.2	3.2	3.3	3.3
Males, 20 years and over:													
Civilian labor force .....	41,614	41,547	41,674	41,765	41,749	41,601	41,618	41,384	41,282	41,360	41,380	41,354	41,346
Employed .....	40,835	40,759	40,938	41,029	41,038	40,878	40,943	40,616	40,474	40,537	40,566	40,517	40,454
Unemployed .....	779	788	736	736	711	723	675	768	808	823	814	837	892
Unemployment rate .....	1.9	1.9	1.8	1.8	1.7	1.7	1.6	1.9	2.0	2.0	2.0	2.0	2.2
Females, 20 years and over:													
Civilian labor force .....	23,686	23,530	23,656	23,681	23,656	23,466	23,208	23,230	22,976	22,923	22,743	22,826	22,782
Employed .....	22,885	22,750	22,877	22,936	22,879	22,683	22,476	22,480	22,227	22,129	21,955	22,046	22,026
Unemployed .....	801	780	779	745	777	783	732	750	749	794	788	780	756
Unemployment rate .....	3.4	3.3	3.3	3.1	3.3	3.3	3.2	3.2	3.3	3.5	3.5	3.4	3.3
Both sexes, 16 to 19 years:													
Civilian labor force .....	6,137	6,060	6,259	6,242	6,070	6,034	5,843	5,830	5,792	5,850	5,811	5,804	5,906
Employed .....	5,555	5,406	5,551	5,529	5,459	5,423	5,162	5,236	5,198	5,212	5,179	5,120	5,239
Unemployed .....	582	654	708	713	611	611	681	594	594	638	632	684	667
Unemployment rate .....	9.5	10.8	11.3	11.4	10.1	10.1	11.7	10.2	10.3	10.9	10.9	11.8	11.3
<b>NONWHITE</b>													
Total:													
Civilian labor force .....	8,879	8,790	8,892	8,952	8,946	8,942	8,855	8,689	8,629	8,578	8,731	8,808	8,798
Employed .....	8,255	8,221	8,276	8,416	8,435	8,402	8,323	8,120	7,997	8,012	8,175	8,213	8,174
Unemployed .....	624	569	616	536	511	540	532	569	632	566	556	595	624
Unemployment rate .....	7.0	6.5	6.9	6.0	5.7	6.0	6.0	6.5	7.3	6.6	6.4	6.8	7.1
Males, 20 years and over:													
Civilian labor force .....	4,567	4,551	4,516	4,566	4,563	4,559	4,544	4,509	4,466	4,505	4,524	4,531	4,549
Employed .....	4,384	4,395	4,347	4,422	4,417	4,384	4,387	4,341	4,258	4,328	4,355	4,368	4,379
Unemployed .....	183	156	169	144	146	175	157	168	208	177	169	163	170
Unemployment rate .....	4.0	3.4	3.7	3.2	3.2	3.8	3.5	3.7	4.7	3.9	3.7	3.6	3.7
Females, 20 years and over:													
Civilian labor force .....	3,526	3,469	3,579	3,559	3,583	3,561	3,534	3,445	3,424	3,369	3,417	3,460	3,459
Employed .....	3,310	3,270	3,320	3,346	3,394	3,384	3,330	3,242	3,215	3,162	3,210	3,227	3,235
Unemployed .....	216	199	259	213	189	177	204	203	209	207	207	233	224
Unemployment rate .....	6.1	5.7	7.2	6.0	5.3	5.0	5.8	5.9	6.1	6.1	6.1	6.7	6.5
Both sexes, 16 to 19 years:													
Civilian labor force .....	786	770	797	827	800	822	777	735	739	704	790	817	790
Employed .....	561	556	609	648	624	634	606	537	524	522	610	618	560
Unemployed .....	225	214	188	179	176	188	171	198	215	182	180	199	230
Unemployment rate .....	28.6	27.8	23.6	21.6	22.0	22.9	22.0	26.9	29.1	25.9	22.8	24.4	29.1

# HOUSEHOLD DATA

## SEASONALLY ADJUSTED

A-31: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1969						1968						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Total (all civilian workers) . . . . .	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.4	3.6	3.6	3.5	3.7	3.7
Men, 20 years and over . . . . .	2.0	2.0	2.0	1.9	1.9	2.0	1.8	2.0	2.2	2.2	2.1	2.2	2.3
Women, 20 years and over . . . . .	3.7	3.7	3.8	3.5	3.5	3.5	3.5	3.5	3.7	3.9	3.7	3.8	3.7
Both sexes, 16-19 years . . . . .	11.6	12.5	12.8	12.7	11.7	11.7	12.7	12.2	12.3	12.5	12.3	13.3	13.3
White workers . . . . .	3.0	3.1	3.1	3.1	2.9	3.0	3.0	3.0	3.1	3.2	3.2	3.3	3.3
Nonwhite workers . . . . .	7.0	6.5	6.9	6.0	5.7	6.0	6.0	6.5	7.3	6.6	6.4	6.8	7.1
Married men . . . . .	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.6	1.6	1.6	1.6	1.6	1.7
Full-time workers . . . . .	3.1	3.1	3.2	2.9	2.8	2.9	2.7	3.0	3.0	3.0	3.1	3.3	3.2
Unemployed 15 weeks and over . . . . .	.5	.5	.5	.4	.4	.4	.4	.4	.5	.5	.5	.6	.5
State insured <sup>1</sup> . . . . .	2.1	2.0	2.1	2.1	2.2	2.1	2.0	2.2	2.1	2.2	2.3	2.3	2.2
Labor force time lost <sup>2</sup> . . . . .	3.9	3.5	3.7	3.7	3.6	3.6	3.6	3.8	3.9	4.0	4.0	4.2	4.1
<b>OCCUPATION</b>													
White-collar workers . . . . .	2.1	1.9	1.8	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.0
Professional and technical . . . . .	1.3	1.4	1.1	1.2	1.1	.9	1.1	1.1	1.3	1.3	1.2	1.4	1.4
Managers, officials, and proprietors . . . . .	1.0	.9	.8	.9	.9	1.1	.9	1.0	1.2	1.0	1.0	1.2	.9
Clerical workers . . . . .	3.0	2.8	2.4	3.1	2.7	3.0	2.7	3.1	2.6	3.1	2.9	2.9	3.0
Sales workers . . . . .	2.9	2.6	3.3	2.9	3.3	2.6	2.9	2.5	3.2	2.5	2.7	2.5	2.8
Blue-collar workers . . . . .	3.7	3.8	4.1	3.7	3.6	3.8	3.6	3.9	4.0	4.1	4.2	4.3	4.1
Craftsmen and foremen . . . . .	1.9	2.4	2.2	2.2	2.1	2.1	1.9	2.3	2.2	2.4	2.5	2.4	2.5
Operatives . . . . .	4.3	4.0	4.6	3.9	4.2	4.2	4.2	4.3	4.3	4.5	4.5	4.5	4.4
Nonfarm laborers . . . . .	5.9	6.4	6.8	7.0	5.5	6.6	6.1	6.8	7.3	6.9	7.5	8.3	7.4
Service workers . . . . .	4.5	4.2	4.5	3.8	3.8	4.2	4.2	4.2	4.7	4.4	4.1	4.9	5.2
Farm workers . . . . .	2.0	1.7	1.9	2.1	1.1	1.5	1.7	1.3	2.0	2.3	2.5	2.5	2.6
<b>INDUSTRY</b>													
Private wage and salary workers <sup>3</sup> . . . . .	3.5	3.5	3.6	3.4	3.3	3.4	3.3	3.4	3.6	3.6	3.6	3.8	3.8
Construction . . . . .	5.0	5.5	6.2	6.2	5.5	5.5	5.4	6.5	6.0	5.7	6.9	7.0	7.7
Manufacturing . . . . .	3.3	3.1	3.2	3.1	2.9	3.2	2.8	3.2	3.4	3.3	3.3	3.2	3.2
Durable goods . . . . .	3.3	2.9	3.0	2.7	2.4	2.7	2.6	3.1	3.2	3.1	3.0	2.8	2.8
Non-durable goods . . . . .	3.3	3.4	3.4	3.7	3.6	3.9	3.3	3.6	3.6	3.6	3.6	3.9	3.7
Transportation and public utilities . . . . .	1.9	2.8	2.3	2.4	1.8	1.8	1.6	2.1	2.2	2.6	2.2	2.2	1.9
Wholesale and retail trade . . . . .	4.2	3.9	4.2	3.8	3.9	3.8	4.1	3.9	4.0	4.0	3.9	4.0	4.5
Finance and service industries . . . . .	3.2	3.4	3.3	2.9	3.1	3.1	3.2	3.0	3.4	3.3	3.3	4.0	3.6
Government wage and salary workers . . . . .	1.8	1.7	1.6	1.6	1.7	1.8	1.7	1.8	1.7	2.0	1.7	2.0	2.0
Agricultural wage and salary workers . . . . .	5.5	4.9	5.7	5.9	4.1	5.8	5.7	4.5	5.8	7.6	7.8	8.1	7.3

<sup>1</sup>Insured unemployment under State programs as a percent of average covered employment.

<sup>2</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>3</sup>Includes mining, not shown separately.

## HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(In thousands)

Duration of unemployment	1969						1968						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
Less than 5 weeks .....	1,591	1,777	1,724	1,646	1,436	1,476	1,363	1,576	1,542	1,631	1,629	1,657	1,701
5 to 14 weeks .....	813	629	737	757	829	741	825	785	892	811	765	844	830
15 weeks and over .....	383	409	393	355	346	316	322	348	381	373	400	470	423
15 to 26 weeks .....	258	278	254	237	237	193	177	221	253	235	238	295	260
27 weeks and over .....	125	131	139	118	109	123	145	127	128	138	162	175	163

**A-33: Rates of unemployment by age and sex, seasonally adjusted**

Age and sex	1969						1968						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>Total, 16 years and over .....</b>	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.4	3.6	3.6	3.5	3.7	3.7
16 to 19 years .....	11.6	12.5	12.8	12.7	11.7	11.7	12.7	12.2	12.3	12.5	12.3	13.3	13.3
16 and 17 years .....	13.4	13.8	14.5	14.0	13.1	13.5	15.0	13.7	14.6	14.4	13.8	15.3	15.2
18 and 19 years .....	10.0	11.8	11.5	11.6	11.1	10.5	10.9	10.5	10.8	11.2	11.2	11.7	11.7
20 to 24 years .....	5.3	5.4	5.7	5.3	5.5	5.2	5.3	5.9	6.1	5.9	6.0	5.6	6.2
25 years and over .....	2.2	2.2	2.2	2.1	2.1	2.1	2.0	2.1	2.2	2.3	2.2	2.4	2.2
25 to 54 years .....	2.3	2.3	2.3	2.2	2.0	2.2	2.0	2.2	2.3	2.3	2.3	2.4	2.2
55 years and over .....	2.0	1.7	2.0	1.9	2.0	1.9	2.1	2.1	2.1	2.1	2.0	2.3	2.3
<b>Males, 16 years and over .....</b>	2.7	2.7	2.7	2.6	2.6	2.7	2.6	2.7	2.9	2.8	2.8	2.9	3.0
16 to 19 years .....	10.4	11.0	11.4	11.5	11.0	11.8	11.6	11.3	11.7	10.9	10.9	11.7	12.3
16 and 17 years .....	12.7	13.9	12.6	12.9	12.5	13.2	14.2	13.7	14.1	12.9	12.8	14.3	14.5
18 and 19 years .....	8.3	8.8	10.4	10.2	9.5	10.6	9.5	8.6	10.0	9.3	9.5	9.7	10.2
20 to 24 years .....	4.8	4.8	4.7	4.5	4.9	5.0	4.2	4.7	5.7	5.2	5.3	4.9	5.3
25 years and over .....	1.6	1.7	1.6	1.6	1.5	1.6	1.5	1.7	1.8	1.8	1.8	1.9	1.8
25 to 54 years .....	1.6	1.8	1.6	1.5	1.4	1.5	1.4	1.7	1.7	1.7	1.7	1.7	1.7
55 years and over .....	1.8	1.6	1.7	1.8	1.7	1.9	1.9	2.0	2.0	2.1	1.9	2.2	2.3
<b>Females, 16 years and over .....</b>	4.7	4.8	4.9	4.6	4.5	4.3	4.5	4.4	4.6	4.9	4.8	5.0	4.8
16 to 19 years .....	12.9	14.5	14.5	14.3	12.7	11.6	14.1	13.3	13.1	14.4	14.0	15.2	14.6
16 and 17 years .....	14.3	13.5	16.9	15.6	13.9	14.0	16.2	13.7	15.3	16.6	15.4	16.8	16.1
18 and 19 years .....	11.9	15.2	12.7	13.3	13.0	10.4	12.6	12.8	11.8	13.3	13.1	14.0	13.3
20 to 24 years .....	5.9	6.1	6.8	6.3	6.1	5.5	6.5	7.2	6.6	6.8	6.8	6.4	7.3
25 years and over .....	3.3	3.1	3.2	3.0	3.1	3.2	2.9	2.9	3.1	3.1	3.1	3.4	3.0
25 to 54 years .....	3.6	3.4	3.6	3.3	3.2	3.4	3.1	3.1	3.3	3.5	3.4	3.7	3.2
55 years and over .....	2.3	1.8	2.4	1.9	2.5	1.9	2.4	2.5	2.4	2.1	2.1	2.4	2.3

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

**A-34: Employed persons by age and sex, seasonally adjusted**

(In thousands)

Age and sex	1969						1968						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>TOTAL</b>													
16 years and over .....	77,671	77,265	77,605	77,767	77,729	77,229	76,765	76,388	76,002	76,000	75,973	76,020	76,005
16 to 19 years .....	6,160	5,992	6,151	6,117	6,043	5,999	5,709	5,746	5,734	5,767	5,812	5,766	5,833
16 and 17 years .....	2,548	2,512	2,652	2,660	2,570	2,524	2,394	2,373	2,366	2,373	2,396	2,401	2,458
18 and 19 years .....	3,594	3,443	3,518	3,533	3,492	3,527	3,364	3,387	3,370	3,374	3,390	3,321	3,363
20 to 24 years .....	9,384	9,176	9,237	9,222	9,165	9,026	8,955	8,914	8,827	8,832	8,791	8,840	8,697
25 years and over .....	62,096	62,101	62,203	62,416	62,552	62,217	62,121	61,777	61,438	61,384	61,385	61,835	61,458
25 to 54 years .....	48,047	48,056	48,106	48,326	48,466	48,366	48,127	47,811	47,517	47,551	47,400	47,484	47,517
55 years and over .....	13,954	13,992	14,131	14,160	14,113	13,973	14,016	13,931	13,846	13,810	13,847	13,822	13,863
<b>MALE</b>													
16 years and over .....	48,653	48,609	48,766	48,919	48,875	48,686	48,579	48,235	48,030	48,120	48,203	48,162	48,102
16 to 19 years .....	3,393	3,382	3,481	3,497	3,453	3,455	3,325	3,295	3,257	3,262	3,282	3,249	3,241
16 and 17 years .....	1,496	1,472	1,559	1,608	1,557	1,532	1,463	1,444	1,439	1,442	1,453	1,436	1,453
18 and 19 years .....	1,894	1,874	1,923	1,937	1,919	1,950	1,890	1,864	1,836	1,816	1,813	1,787	1,784
20 to 24 years .....	5,061	5,005	4,977	4,923	4,887	4,814	4,921	4,830	4,790	4,819	4,804	4,827	4,783
25 years and over .....	40,191	40,215	40,298	40,494	40,568	40,407	40,356	40,091	39,978	40,042	40,135	40,077	40,078
25 to 54 years .....	31,207	31,185	31,216	31,393	31,466	31,422	31,339	31,083	30,984	31,042	31,054	31,054	31,019
55 years and over .....	8,936	9,003	9,084	9,127	9,111	9,062	9,040	9,010	8,972	8,989	9,060	9,013	9,021
<b>FEMALE</b>													
16 years and over .....	29,018	28,656	28,839	28,848	28,854	28,543	28,186	28,153	27,972	27,880	27,770	27,858	27,903
16 to 19 years .....	2,767	2,610	2,670	2,620	2,590	2,544	2,384	2,451	2,477	2,505	2,530	2,517	2,592
16 and 17 years .....	1,052	1,040	1,093	1,052	1,013	992	931	929	927	931	943	965	1,005
18 and 19 years .....	1,700	1,569	1,595	1,596	1,573	1,577	1,474	1,523	1,534	1,558	1,577	1,534	1,579
20 to 24 years .....	4,323	4,171	4,260	4,299	4,278	4,212	4,034	4,084	4,037	4,013	3,987	4,013	3,914
25 years and over .....	21,905	21,886	21,905	21,922	21,984	21,810	21,765	21,686	21,460	21,342	21,250	21,308	21,380
25 to 54 years .....	16,840	16,871	16,890	16,933	17,000	16,944	16,788	16,728	16,533	16,509	16,445	16,430	16,498
55 years and over .....	5,018	4,989	5,047	5,033	5,002	4,911	4,976	4,921	4,874	4,821	4,787	4,809	4,842

**A-35: Employed persons by major occupation group, seasonally adjusted**

(In thousands)

Occupation group	1969						1968						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>White-collar workers</b> .....	36,920	36,722	36,458	36,346	36,179	36,125	35,869	35,990	35,859	35,921	35,663	35,683	35,529
Professional and technical .....	10,811	10,756	10,759	10,714	10,521	10,648	10,477	10,550	10,329	10,401	10,358	10,419	10,339
Managers, officials, and proprietors .....	7,908	8,044	8,003	7,855	7,773	7,855	7,813	7,892	7,995	7,962	7,824	7,729	7,637
Clerical workers .....	13,433	13,279	13,120	13,152	13,268	13,055	12,940	12,828	12,899	12,878	12,755	12,851	12,861
Sales workers .....	4,768	4,643	4,576	4,625	4,617	4,567	4,639	4,720	4,636	4,680	4,726	4,684	4,692
<b>Blue-collar workers</b> .....	28,032	27,603	27,990	28,220	28,395	28,151	28,051	27,622	27,596	27,530	27,538	27,459	27,586
Craftsmen and foremen .....	10,085	9,957	10,019	10,211	10,460	10,330	10,306	10,140	10,029	9,945	9,927	9,986	9,982
Operatives .....	14,260	14,050	14,199	14,345	14,327	14,206	14,114	13,897	14,086	13,983	13,997	13,849	13,982
Nonfarm laborers .....	3,687	3,596	3,772	3,664	3,608	3,615	3,631	3,585	3,481	3,602	3,614	3,624	3,622
<b>Service workers</b> .....	9,372	9,353	9,673	9,703	9,605	9,418	9,453	9,445	9,382	9,350	9,417	9,332	9,482
<b>Farmers and farm laborers</b> .....	3,438	3,522	3,381	3,436	3,591	3,411	3,421	3,350	3,149	3,360	3,384	3,458	3,487

# ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

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

(In thousands)

Year and month	TOTAL	Mining	Contract construction	Manufacturing	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
						Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	1,133	1,021	10,659	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	1,239	848	10,658	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1921.....	24,382	962	1,012	8,257	3,459	4,589	-	-	1,163	2,412	2,528	-	-
1922.....	25,827	929	1,185	9,120	3,505	4,903	-	-	1,144	2,503	2,538	-	-
1923.....	28,394	1,212	1,229	10,300	3,882	5,290	-	-	1,190	2,684	2,607	-	-
1924.....	28,040	1,101	1,321	9,671	3,807	5,407	-	-	1,231	2,782	2,720	-	-
1925.....	28,778	1,089	1,446	9,939	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	1,185	1,555	10,156	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	1,114	1,608	10,001	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	1,050	1,606	9,947	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	1,087	1,497	10,702	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	1,009	1,372	9,562	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	873	1,214	8,170	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	731	970	6,931	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	744	809	7,397	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	883	862	8,501	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	897	912	9,069	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	946	1,145	9,827	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	1,015	1,112	10,794	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	891	1,055	9,440	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	854	1,150	10,278	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	925	1,294	10,985	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	957	1,790	13,192	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	992	2,170	15,280	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	925	1,567	17,602	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	892	1,094	17,328	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	836	1,132	15,524	3,906	7,314	1,862	5,452	1,497	4,215	5,944	2,808	3,137
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	898	2,634	16,632	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	866	2,623	17,549	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	791	2,612	16,314	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	792	2,802	16,882	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	822	2,999	17,243	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	828	2,923	17,174	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	751	2,778	15,945	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	732	2,960	16,675	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	712	2,885	16,796	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	672	2,816	16,326	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	650	2,902	16,853	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	635	2,963	16,995	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	634	3,050	17,274	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	632	3,186	18,062	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	627	3,275	19,214	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	613	3,208	19,447	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,860	610	3,267	19,768	4,313	14,081	3,618	10,464	3,383	10,592	11,846	2,737	9,109
1968: June.....	68,470	631	3,394	19,926	4,343	14,106	3,636	10,470	3,390	10,723	11,957	2,816	9,141
July.....	68,036	635	3,503	19,754	4,358	14,084	3,667	10,417	3,433	10,772	11,497	2,843	8,654
August.....	68,205	636	3,557	19,910	4,375	14,114	3,677	10,437	3,457	10,753	11,403	2,795	8,608
September.....	68,610	629	3,519	20,045	4,381	14,184	3,664	10,520	3,424	10,667	11,761	2,705	9,056
October.....	68,960	574	3,503	20,019	4,363	14,302	3,686	10,616	3,430	10,732	12,037	2,694	9,343
November.....	69,248	621	3,379	20,036	4,373	14,536	3,702	10,834	3,439	10,755	12,109	2,703	9,406
December.....	69,805	619	3,247	20,008	4,370	15,113	3,715	11,398	3,449	10,773	12,226	2,769	9,457
1969: January..	68,196	611	3,024	19,803	4,288	14,189	3,671	10,518	3,448	10,693	12,140	2,735	9,405
February.....	68,403	610	2,999	19,891	4,303	14,097	3,666	10,431	3,467	10,792	12,244	2,739	9,505
March.....	68,894	610	3,077	19,978	4,346	14,201	3,678	10,523	3,490	10,913	12,279	2,737	9,542
April.....	69,462	619	3,255	19,952	4,403	14,398	3,688	10,710	3,517	11,044	12,274	2,747	9,527
May.....	69,942	624	3,394	20,006	4,428	14,516	3,708	10,808	3,531	11,143	12,300	2,740	9,560
June.....	70,894	637	3,584	20,319	4,484	14,686	3,784	10,902	3,572	11,262	12,350	2,808	9,542

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

# ESTABLISHMENT DATA EMPLOYMENT

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

SIC CODE	Industry	(In thousands)										
		All employees					Production workers <sup>1</sup>					
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968	
-	<b>TOTAL</b> .....	70,894	69,942	69,462	68,470	67,465	-	-	-	-	-	
-	<b>PRIVATE SECTOR</b> .....	58,544	57,642	57,188	56,513	55,573	48,575	47,756	47,344	46,908	46,051	
-	<b>MINING</b> .....	637	624	619	631	616	485	475	471	483	471	
10	<b>METAL MINING</b> .....	-	90.6	89.9	91.5	89.3	-	73.2	72.4	73.8	71.8	
101	Iron ores .....	-	25.6	24.9	26.7	26.0	-	20.9	20.1	22.2	21.5	
102	Copper ores .....	-	36.2	36.2	35.2	34.8	-	28.9	29.0	27.7	27.3	
11,12	<b>COAL MINING</b> .....	-	134.4	134.2	137.6	136.2	-	116.1	115.7	118.8	117.7	
12	Bituminous coal and lignite mining .....	-	128.1	127.9	131.4	130.0	-	110.5	110.2	113.4	112.3	
13	<b>OIL AND GAS EXTRACTION</b> .....	-	278.5	277.6	279.4	271.2	-	187.1	187.1	190.0	182.9	
131,2	Crude petroleum and natural gas fields .....	-	143.3	144.0	150.0	145.9	-	73.9	74.2	79.6	76.7	
138	Oil and gas field services .....	-	135.2	133.6	129.4	125.3	-	113.2	112.9	110.4	106.2	
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	-	120.0	116.9	122.1	119.4	-	98.7	95.6	100.4	98.4	
142	Crushed and broken stone .....	-	42.0	40.7	41.9	41.1	-	35.6	34.1	35.3	34.8	
144	Sand and gravel .....	-	40.7	38.7	40.9	39.6	-	-	-	-	-	
-	<b>CONTRACT CONSTRUCTION</b> .....	3,584	3,394	3,255	3,394	3,263	3,047	2,866	2,728	2,879	2,750	
-	<b>GENERAL BUILDING CONTRACTORS</b> .....	-	989.3	974.3	1,005.6	961.6	-	839.6	825.1	854.6	810.6	
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	-	761.3	668.0	758.6	717.0	-	656.8	563.3	661.5	620.9	
161	Highway and street construction .....	-	345.4	279.1	378.4	348.3	-	307.2	240.9	342.0	312.6	
162	Heavy construction, n e c .....	-	415.9	388.9	380.2	368.7	-	349.6	322.4	319.5	308.3	
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	1,643.0	1,612.4	1,630.0	1,584.7	-	1,369.2	1,339.3	1,362.8	1,318.7	
171	Plumbing, heating, air conditioning .....	-	392.3	390.9	385.9	379.0	-	315.1	313.7	311.6	305.2	
172	Painting, paper hanging, decorating .....	-	128.6	120.5	140.7	136.5	-	113.8	105.8	124.5	119.9	
173	Electrical work .....	-	274.7	271.9	265.0	256.8	-	221.2	218.4	211.8	203.8	
174	Masonry, stonework, and plastering .....	-	227.9	226.7	234.2	225.9	-	205.2	203.6	211.7	203.7	
176	Roofing and sheet metal work .....	-	114.9	114.5	114.3	109.7	-	94.3	93.9	93.6	89.2	
-	<b>MANUFACTURING</b> .....	20,319	20,006	19,952	19,926	19,604	14,915	14,652	14,604	14,642	14,375	
19,24,25,32-39	<b>DURABLE GOODS</b> .....	12,038	11,873	11,835	11,725	11,581	8,784	8,645	8,612	8,547	8,433	
20-23,26-31	<b>NONDURABLE GOODS</b> .....	8,281	8,133	8,117	8,201	8,023	6,131	6,007	5,992	6,095	5,942	
	<i>Durable Goods</i>											
19	<b>ORDNANCE AND ACCESSORIES</b> .....	343.1	339.1	341.2	341.4	335.8	192.3	189.2	190.9	192.6	188.6	
192	Ammunition, except for small arms .....	256.4	254.4	255.9	255.6	252.7	137.3	135.7	136.8	137.7	135.8	
1925	Complete guided missiles .....	-	149.2	149.0	155.2	155.1	-	49.9	49.5	54.5	55.0	
1929	Ammunition, exc. for small arms, nec .....	-	105.2	106.9	100.4	97.6	-	85.8	87.3	83.2	80.8	
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	624.3	603.1	593.4	612.9	591.5	542.3	523.4	515.3	533.2	513.5	
241	Logging camps & logging contractors .....	82.2	75.3	69.9	82.2	75.2	-	-	-	-	-	
242	Sawmills and planing mills .....	240.8	234.5	231.9	238.1	231.9	219.3	213.3	211.0	216.8	210.8	
2421	Sawmills and planing mills, general .....	-	196.1	193.2	199.7	194.0	-	178.6	176.1	182.1	176.5	
243	Millwork, plywood & related products .....	175.2	169.4	168.1	169.8	163.7	148.8	143.3	142.3	143.7	137.7	
2431	Millwork .....	-	73.0	73.4	74.8	72.3	-	59.4	59.9	61.0	58.6	
2432	Veneer and plywood .....	-	75.9	75.3	76.0	73.5	-	69.0	68.5	69.2	66.7	
244	Wooden containers .....	38.2	37.4	37.5	38.1	37.6	34.0	33.4	33.7	33.9	33.7	
2441,2	Wooden boxes, shooks, and crates .....	-	29.5	29.0	30.8	29.7	-	26.4	26.0	27.4	26.5	
249	Miscellaneous wood products .....	87.9	86.5	86.0	84.7	83.1	74.2	73.0	72.5	71.3	69.9	

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

**ESTABLISHMENT DATA**  
**EMPLOYMENT**

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES.....	496.3	489.2	490.7	474.7	465.4	413.1	406.5	407.6	391.9	384.1
251	Household furniture.....	348.4	344.7	347.0	334.6	327.6	297.9	294.4	296.8	284.8	278.2
2511	Wood household furniture.....	—	178.4	179.8	174.0	169.1	—	157.6	159.1	153.4	148.8
2512	Upholstered household furniture.....	—	89.5	89.9	85.4	84.4	—	75.4	75.8	71.2	70.3
2515	Mattresses and bedsprings.....	—	38.4	38.6	38.6	37.2	—	30.0	30.2	30.4	28.9
252	Office furniture.....	—	38.9	38.5	35.9	35.1	—	30.7	30.3	28.1	27.4
254	Partitions and fixtures.....	—	52.9	52.5	51.2	49.7	—	40.4	40.0	38.5	37.2
253,9	Other furniture and fixtures.....	54.2	52.7	52.7	53.0	53.0	42.4	41.0	40.5	40.5	41.3
32	STONE, CLAY, AND GLASS PRODUCTS...	671.2	657.6	654.8	655.8	640.6	540.4	527.7	525.7	529.1	515.3
321	Flat glass.....	—	24.8	25.5	26.0	25.7	—	18.4	19.1	19.8	19.6
322	Glass and glassware, pressed or blown...	132.0	131.3	129.2	131.1	127.6	116.4	115.5	113.8	117.7	114.7
3221	Glass containers.....	—	75.0	73.3	74.0	72.0	—	68.1	66.7	69.6	67.9
3229	Pressed and blown glass, n e c.....	—	56.3	55.9	57.1	55.6	—	47.4	47.1	48.1	46.8
324	Cement, hydraulic.....	36.0	33.7	34.8	35.9	34.8	27.8	25.8	26.7	27.8	26.9
325	Structural clay products.....	67.5	65.0	64.9	66.6	64.0	56.1	53.7	53.6	55.4	53.0
3251	Brick and structural clay tile.....	—	29.2	29.0	30.2	28.4	—	25.5	25.3	26.6	24.8
326	Pottery and related products.....	—	45.4	45.3	43.1	43.0	—	38.6	38.6	36.4	36.2
327	Concrete, gypsum, and plaster products...	193.5	188.4	185.7	187.7	183.4	152.2	147.8	145.2	146.6	142.4
328,9	Other stone and nonmetallic mineral products	140.8	139.2	140.1	138.1	135.3	106.4	104.0	105.2	103.5	101.0
3291	Abrasive products.....	—	27.2	27.7	27.4	26.8	—	18.5	19.2	18.8	18.3
33	PRIMARY METAL INDUSTRIES.....	1,370.3	1,345.5	1,336.8	1,348.5	1,345.0	1,097.8	1,075.8	1,068.8	1,076.4	1,075.3
331	Blast furnace and basic steel products...	(*)	641.9	636.1	674.6	658.5	(*)	512.9	508.5	542.5	528.8
3312	Blast furnaces and steel mills.....	—	560.7	555.3	591.9	577.2	—	450.4	446.4	479.2	466.8
332	Iron and steel foundries.....	236.7	232.8	231.4	227.3	225.3	199.6	195.9	194.5	190.1	188.4
3321	Gray iron foundries.....	—	146.1	144.9	141.5	139.6	—	125.2	124.1	120.4	118.5
3322	Malleable iron foundries.....	—	23.8	23.5	22.2	22.7	—	19.9	19.6	18.2	18.8
3323	Steel foundries.....	—	62.9	63.0	63.6	63.0	—	50.8	50.8	51.5	51.1
333,4	Nonferrous metals.....	88.2	86.8	87.0	81.3	85.9	68.0	67.2	67.3	62.2	66.4
3334	Primary aluminum.....	—	27.4	27.4	21.8	27.7	—	22.4	22.5	17.3	22.5
335	Nonferrous rolling and drawing.....	220.9	217.4	215.3	200.2	211.5	167.1	163.8	162.3	147.6	158.9
3351	Copper rolling and drawing.....	—	45.2	45.3	43.4	42.5	—	34.2	34.3	32.9	32.2
3352	Aluminum rolling and drawing.....	—	70.9	69.8	59.8	73.6	—	52.9	52.1	42.5	56.0
3357	Nonferrous wire drawing and insulating...	—	77.2	76.2	72.9	71.5	—	59.7	58.9	55.4	54.1
336	Nonferrous foundries.....	92.9	91.4	91.6	91.4	90.3	77.4	76.2	76.3	75.8	74.7
3361	Aluminum castings.....	—	46.6	46.8	47.2	46.7	—	39.6	39.6	39.8	39.4
3362,9	Other nonferrous castings.....	—	44.8	44.8	44.2	43.6	—	36.6	36.7	36.0	35.3
339	Miscellaneous primary metal products....	76.2	75.2	75.4	73.7	73.5	61.0	59.8	59.9	58.2	58.1
3391	Iron and steel forgings.....	—	50.4	50.3	49.2	48.8	—	40.5	40.4	39.4	39.0
34	FABRICATED METAL PRODUCTS.....	1,469.4	1,442.5	1,441.6	1,403.8	1,376.6	1,138.9	1,114.2	1,109.9	1,084.2	1,059.2
341	Metal cans.....	71.3	69.5	67.6	67.6	65.6	60.9	59.4	57.4	58.0	55.8
342	Cutlery, hand tools, and hardware.....	173.4	170.7	170.9	167.3	161.8	136.9	134.7	133.1	131.7	127.1
3421,3,5	Cutlery and hand tools, incl. saws.....	—	68.8	68.6	65.5	63.6	—	53.6	53.3	51.9	50.3
3429	Hardware, n e c.....	—	101.9	102.3	101.8	98.2	—	81.1	79.8	79.8	76.8
343	Plumbing and heating, except electric....	86.7	84.7	83.0	82.5	81.0	64.8	63.1	61.6	61.3	59.7
3431,2	Sanitary ware & plumbers' brass goods...	—	37.8	37.8	37.1	36.6	—	30.0	30.1	29.6	29.1
3433	Heating equipment, except electric.....	—	46.9	45.2	45.4	44.4	—	33.1	31.5	31.7	30.6
344	Fabricated structural metal products.....	434.7	424.7	421.2	416.8	405.4	316.5	307.5	304.1	300.5	289.8
3441	Fabricated structural steel.....	—	114.4	114.9	109.7	108.1	—	84.7	85.1	80.7	79.2
3442	Metal doors, sash, and trim.....	—	70.1	68.3	69.0	66.4	—	51.1	49.2	50.3	48.0
3443	Fabricated plate work (boiler shops)....	—	112.6	110.8	110.6	106.9	—	79.2	77.7	77.0	73.6
3444	Sheet metal work.....	—	80.0	79.8	78.9	77.3	—	58.6	58.5	57.8	56.2
3446,9	Architectural and misc. metal work.....	—	47.4	47.4	48.6	46.7	—	33.9	33.6	34.7	32.8
345	Screw machine products, bolts, etc.....	116.7	114.5	114.6	111.3	110.4	92.6	90.2	90.4	88.0	87.3
3451	Screw machine products.....	—	52.4	52.2	51.3	50.5	—	44.2	44.2	43.6	42.9
3452	Bolts, nuts, rivets, and washers.....	—	62.1	62.4	60.0	59.9	—	46.0	46.2	44.4	44.4
346	Metal stampings.....	254.3	252.0	256.6	245.8	244.1	207.4	205.0	208.1	200.8	199.2
347	Metal services, n e c.....	98.9	96.6	97.4	92.0	90.4	82.3	80.3	81.0	76.7	75.1
348	Misc. fabricated wire products.....	72.5	70.9	70.9	67.6	66.1	58.4	56.7	56.6	54.5	53.0
349	Misc. fabricated metal products.....	160.9	158.9	159.4	152.9	151.8	119.1	117.3	117.6	112.7	112.2
3494,8	Valves, pipe, and pipe fittings.....	—	96.0	96.3	93.3	93.1	—	67.8	68.1	65.9	66.0

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
<i>Durable Goods--Continued</i>											
35	<b>MACHINERY, EXCEPT ELECTRICAL . . . .</b>	2,020.0	2,003.8	2,007.0	1,971.0	1,956.6	1,386.2	1,373.3	1,379.5	1,349.3	1,340.2
351	Engines and turbines . . . . .	116.2	115.1	115.0	111.4	110.6	80.1	79.2	79.3	75.6	75.6
3511	Steam engines and turbines . . . . .	-	39.4	39.3	38.3	37.8	-	22.8	22.8	21.9	22.0
3519	Internal combustion engines, n e c . . . . .	-	75.7	75.7	73.1	72.8	-	56.4	56.5	53.7	53.6
352	Farm machinery . . . . .	-	134.3	139.4	142.6	145.4	-	95.7	100.5	103.1	105.8
353	Construction and related machinery . . . . .	295.5	292.2	291.3	281.6	277.9	198.5	196.2	195.4	186.4	183.6
3531,2	Construction and mining machinery . . . . .	-	155.3	155.3	151.1	149.8	-	108.3	108.3	104.0	102.7
3533	Oil field machinery . . . . .	-	45.7	45.3	42.0	41.1	-	31.7	31.4	29.0	28.3
3535,6	Conveyors, hoists, cranes, monorails . . . . .	-	43.7	43.2	42.4	41.2	-	27.3	26.9	26.4	25.5
3537	Industrial trucks and tractors . . . . .	-	33.0	32.4	30.9	31.2	-	21.5	21.0	19.5	20.1
354	Metal working machinery . . . . .	343.7	342.7	344.2	344.5	343.8	256.0	255.6	257.3	257.0	257.2
3541	Machine tools, metal cutting types . . . . .	-	77.7	77.6	79.9	80.7	-	52.6	52.5	54.2	55.2
3544	Special dies, tools, jigs, & fixtures . . . . .	-	125.5	126.9	125.9	124.8	-	102.9	104.2	103.7	103.2
3545	Machine tool accessories . . . . .	-	61.1	61.3	60.4	61.5	-	44.4	44.7	43.7	45.0
3542,8	Misc. metal working machinery . . . . .	-	78.4	78.4	78.3	76.8	-	55.7	55.9	55.4	53.8
355	Special industry machinery . . . . .	201.0	198.8	200.2	199.8	196.5	134.5	132.8	134.4	135.2	132.2
3551	Food products machinery . . . . .	-	43.4	43.6	43.8	43.0	-	27.9	28.0	28.9	28.3
3552	Textile machinery . . . . .	-	42.0	42.4	41.3	40.6	-	31.9	32.1	31.4	30.8
3555	Printing trades machinery . . . . .	-	30.6	30.8	30.8	29.7	-	20.0	20.3	21.1	19.9
356	General industrial machinery . . . . .	289.1	285.5	284.7	283.0	278.6	192.2	189.0	188.3	185.5	181.7
3561	Pumps and compressors . . . . .	-	77.6	77.6	76.7	75.2	-	44.3	44.3	42.1	40.9
3562	Ball and roller bearings . . . . .	-	61.4	61.7	61.4	60.9	-	47.5	47.7	47.6	47.1
3564	Blowers and fans . . . . .	-	31.7	31.5	31.5	30.9	-	20.1	19.9	20.0	19.3
3566	Power transmission equipment . . . . .	-	54.1	53.5	52.7	51.8	-	39.0	38.7	38.2	37.5
357	Office and computing machines . . . . .	252.4	249.9	249.3	243.0	245.2	135.3	133.3	133.6	132.1	135.5
3573	Electronic computing equipment . . . . .	-	161.3	160.6	154.5	153.9	-	69.0	69.7	68.7	69.4
358	Service industry machines . . . . .	147.2	146.0	143.7	137.3	134.7	105.4	104.4	103.1	97.2	95.1
3585	Refrigeration machinery . . . . .	-	95.5	93.2	88.3	87.2	-	69.0	67.8	62.5	61.8
359	Misc. machinery, except electrical . . . . .	242.4	239.3	239.2	227.8	223.9	190.1	187.1	187.6	177.2	173.5
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	2,065.5	2,037.0	2,027.7	1,975.1	1,958.9	1,383.1	1,362.1	1,353.9	1,315.0	1,305.5
361	Electric test & distributing equipment . . . . .	214.9	211.8	211.1	207.1	204.9	147.8	144.8	144.0	141.4	139.7
3611	Electric measuring instruments . . . . .	-	70.3	69.7	66.3	66.1	-	45.0	44.6	43.0	42.7
3612	Transformers . . . . .	-	58.8	58.6	58.3	57.6	-	42.6	42.3	41.4	40.9
3613	Switchgear and switchboard apparatus . . . . .	-	82.7	82.8	82.5	81.2	-	57.2	57.1	57.0	56.1
362	Electrical industrial apparatus . . . . .	222.0	219.9	219.0	210.8	210.2	157.2	155.6	154.0	146.5	146.4
3621	Motors and generators . . . . .	-	120.8	119.5	115.0	115.1	-	87.4	85.6	80.7	80.9
3622	Industrial controls . . . . .	-	60.0	60.6	57.6	57.3	-	39.6	39.8	37.6	37.6
363	Household appliances . . . . .	187.0	187.6	187.3	177.1	176.4	149.0	149.4	149.2	140.1	139.7
3632	Household refrigerators and freezers . . . . .	-	63.2	63.4	58.7	59.1	-	52.3	52.5	47.9	48.6
3633	Household laundry equipment . . . . .	-	25.6	25.2	24.6	24.3	-	19.8	19.5	19.5	19.4
3634	Electric housewares and fans . . . . .	-	43.8	43.7	41.8	41.0	-	34.9	34.7	32.8	31.9
364	Electric lighting and wiring equipment . . . . .	213.5	210.9	208.0	202.6	200.3	165.0	162.3	160.2	155.1	153.2
3641	Electric lamps . . . . .	-	39.9	40.0	38.8	38.5	-	35.2	35.3	34.3	34.0
3642	Lighting fixtures . . . . .	-	66.7	66.2	64.9	64.5	-	51.9	51.8	50.4	50.2
3643,4	Wiring devices . . . . .	-	104.3	101.8	98.9	97.3	-	75.2	73.1	70.4	69.0
365	Radio and TV receiving equipment . . . . .	160.7	153.7	153.7	150.1	144.2	120.8	114.5	114.6	112.8	108.6
366	Communication equipment . . . . .	525.4	520.0	519.9	520.2	518.6	255.3	252.9	252.6	255.4	254.3
3661	Telephone and telegraph apparatus . . . . .	-	135.0	134.0	129.5	128.9	-	89.5	88.9	85.7	85.5
3662	Radio and TV communication equipment . . . . .	-	385.0	385.9	390.7	389.7	-	163.4	163.7	169.7	168.8
367	Electronic components and accessories . . . . .	414.7	408.0	403.8	388.5	384.5	289.6	286.7	283.8	273.3	272.0
3671-3	Electron tubes . . . . .	-	71.0	71.3	75.7	74.8	-	48.9	49.0	52.7	52.1
3674,9	Other electronic components . . . . .	-	337.0	332.5	312.8	309.7	-	237.8	234.8	220.6	219.9
369	Misc. electrical equipment & supplies . . . . .	127.3	125.1	124.9	118.7	119.8	98.4	95.9	95.5	90.4	91.6
3694	Engine electrical equipment . . . . .	-	67.7	66.9	66.2	66.5	-	52.8	51.9	51.3	51.6
37	<b>TRANSPORTATION EQUIPMENT . . . . .</b>	2,054.0	2,045.2	2,037.3	2,047.7	2,030.2	1,445.0	1,438.9	1,430.3	1,451.6	1,438.4
371	Motor vehicles and equipment . . . . .	(*)	888.3	879.2	880.8	872.1	(*)	689.8	681.5	689.2	682.4
3711	Motor vehicles . . . . .	-	371.4	359.5	374.6	372.0	-	273.6	261.2	281.6	279.4
3712	Passenger car bodies . . . . .	-	66.3	63.2	65.5	65.0	-	54.5	51.9	53.7	53.3
3713	Truck and bus bodies . . . . .	-	38.9	39.7	38.4	37.6	-	31.5	32.3	30.8	30.3
3714	Motor vehicle parts and accessories . . . . .	-	380.1	385.7	374.0	370.1	-	305.7	311.9	301.3	298.3
3715	Truck trailers . . . . .	-	31.6	31.1	28.3	27.4	-	24.5	24.2	21.8	21.1
372	Aircraft and parts . . . . .	810.9	820.9	823.8	852.0	846.9	463.1	474.1	475.3	505.3	502.9
3721	Aircraft . . . . .	-	488.7	487.2	497.2	490.3	-	274.7	271.7	287.4	282.9
3722	Aircraft engines and engine parts . . . . .	-	201.4	203.6	210.5	212.7	-	112.4	114.7	119.6	121.9
3723,9	Other aircraft parts and equipment . . . . .	-	130.8	133.0	144.3	143.9	-	87.0	88.9	98.3	98.1
373	Ship and boat building and repairing . . . . .	189.6	189.3	190.3	184.5	184.4	154.6	154.3	155.5	151.9	151.5
3731	Ship building and repairing . . . . .	-	142.6	143.6	143.5	143.8	-	115.8	116.9	117.9	118.0

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



# ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
	<i>Durable Goods--Continued</i>										
	<b>TRANSPORTATION EQUIPMENT--Continued</b>										
3732	Boat building and repairing . . . . .	-	46.7	46.7	41.0	40.6	-	38.5	38.6	34.0	33.5
374	Railroad equipment . . . . .	-	52.7	52.8	44.4	45.0	-	41.6	41.6	32.5	33.1
375,9	Other transportation equipment . . . . .	-	94.0	91.2	86.0	81.8	-	79.1	76.4	72.7	68.5
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> . . . . .	477.2	470.2	469.6	459.4	454.0	295.6	290.8	290.6	282.5	278.9
381	Engineering & scientific instruments. . . . .	-	79.4	80.5	81.8	81.9	-	38.2	39.2	39.3	39.4
382	Mechanical measuring & control devices. . . . .	114.5	112.8	112.6	109.8	109.0	73.2	72.6	72.3	69.8	69.3
3821	Mechanical measuring devices . . . . .	-	68.2	67.9	68.3	67.6	-	40.9	40.7	41.0	40.5
3822	Automatic temperature controls . . . . .	-	44.6	44.7	41.5	41.4	-	31.7	31.6	28.8	28.8
383,5	Optical and ophthalmic goods . . . . .	51.4	51.0	50.9	52.5	52.3	36.4	36.2	36.3	37.5	37.4
385	Ophthalmic goods . . . . .	-	32.3	32.2	33.0	32.8	-	24.7	24.7	25.2	25.1
384	Medical instruments and supplies . . . . .	77.4	77.0	76.3	72.7	71.4	53.0	52.8	52.3	49.2	48.1
386	Photographic equipment and supplies . . . . .	115.0	113.0	112.4	107.9	105.4	62.7	60.9	60.6	58.7	57.1
387	Watches, clocks, and watchcases . . . . .	-	37.0	36.9	34.7	34.0	-	30.1	29.9	28.0	27.6
	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> . . . . .	446.9	439.3	435.3	434.6	426.7	348.8	342.6	339.9	341.3	334.4
391	Jewelry, silverware, and plated ware. . . . .	52.8	52.0	51.8	52.1	52.2	40.3	39.6	39.3	39.7	39.5
394	Toys and sporting goods . . . . .	-	123.7	118.4	121.1	117.1	-	101.1	96.5	99.7	96.4
3941-3	Games, toys, dolls, & play vehicles . . . . .	-	69.5	65.4	71.4	67.3	-	56.6	52.8	59.5	55.9
3949	Sporting and athletic goods, n e c . . . . .	-	54.2	53.0	49.7	49.8	-	44.5	43.7	40.2	40.5
395	Pens, pencils, office, and art supplies . . . . .	-	33.8	33.6	34.5	33.4	-	23.9	23.9	24.6	23.7
396	Costume jewelry and notions . . . . .	-	60.9	61.0	60.1	59.3	-	49.6	49.9	49.4	48.7
393,8,9	Other manufacturing industries . . . . .	170.9	168.9	170.5	166.8	164.7	129.9	128.4	130.3	127.9	126.1
393	Musical instruments and parts . . . . .	-	24.8	24.9	23.8	23.5	-	19.6	19.8	18.5	18.3
	<i>Nondurable Goods</i>										
20	<b>FOOD AND KINDRED PRODUCTS</b> . . . . .	1,784.1	1,725.2	1,710.8	1,787.3	1,711.2	1,191.8	1,139.8	1,125.5	1,192.3	1,124.7
201	Meat products . . . . .	342.1	329.9	326.7	334.3	322.9	275.2	264.5	260.9	269.2	258.8
2011	Meat packing plants . . . . .	-	182.9	182.5	186.9	182.2	-	142.0	141.4	145.8	141.9
2013	Sausages and other prepared meats . . . . .	-	57.2	57.4	58.0	56.2	-	41.1	41.3	42.1	40.4
2015	Poultry dressing plants . . . . .	-	89.8	86.8	89.4	84.5	-	81.4	78.2	81.3	76.5
202	Dairy products . . . . .	261.5	255.3	253.0	269.3	261.8	126.1	121.3	119.1	129.8	123.5
2024	Ice cream and frozen desserts . . . . .	-	28.9	27.5	30.2	28.6	-	15.1	14.2	16.3	14.7
2026	Fluid milk. . . . .	-	178.6	178.4	188.3	184.8	-	68.7	68.1	73.3	71.2
203	Canned, cured, and frozen foods . . . . .	-	246.0	239.9	269.8	240.1	-	201.9	195.9	225.2	195.8
2031,6	Canned, cured, and frozen sea foods . . . . .	-	41.7	41.6	44.7	38.9	-	36.7	36.6	39.7	34.0
2032,3	Canned food, except sea foods . . . . .	-	118.1	110.6	134.6	115.5	-	92.9	85.5	108.5	89.7
2037	Frozen fruits and vegetables . . . . .	-	56.1	57.5	58.0	57.0	-	49.3	50.7	51.5	50.3
204	Grain mill products . . . . .	137.7	132.8	132.2	136.4	132.2	98.9	93.6	93.1	96.3	91.5
2041	Flour and other grain mill products . . . . .	-	30.6	30.6	31.1	30.1	-	22.3	22.2	22.0	21.1
2042	Prepared feeds for animals and fowls . . . . .	-	63.0	61.3	65.4	62.7	-	41.6	40.2	43.4	41.1
205	Bakery products . . . . .	277.8	273.7	272.4	282.7	273.8	162.4	159.1	158.0	166.9	159.7
2051	Bread, cake, and related products . . . . .	-	231.9	229.9	237.6	230.7	-	125.2	123.5	129.5	124.2
2052	Cookies and crackers . . . . .	-	41.8	42.5	45.1	43.1	-	33.9	34.5	37.4	35.5
206	Sugar . . . . .	-	33.5	33.3	30.8	30.9	-	25.2	25.0	23.8	23.5
207	Confectionery and related products . . . . .	81.5	80.2	80.6	80.1	79.7	66.2	65.3	65.3	64.8	64.3
2071	Confectionery products . . . . .	-	64.7	65.3	64.2	64.1	-	53.9	54.1	52.9	52.7
208	Beverages . . . . .	235.1	231.6	230.1	240.4	231.0	121.0	117.7	116.2	124.4	118.2
2082	Malt liquors . . . . .	-	58.7	59.6	62.5	60.5	-	39.6	39.8	42.0	40.2
2086	Bottled and canned soft drinks . . . . .	-	129.2	127.0	133.7	126.9	-	48.9	47.8	52.9	48.7
209	Misc. foods and kindred products . . . . .	144.4	142.2	142.6	143.5	138.8	93.4	91.2	92.0	91.9	89.4
21	<b>TOBACCO MANUFACTURES</b> . . . . .	71.9	71.2	71.6	75.2	74.2	59.1	58.8	59.2	62.7	61.8
211	Cigarettes . . . . .	-	40.2	39.1	42.0	41.1	-	32.6	31.5	34.4	33.6
212	Cigars . . . . .	-	19.5	19.8	20.3	20.0	-	17.9	18.3	18.9	18.6
22	<b>TEXTILE MILL PRODUCTS</b> . . . . .	997.7	985.3	988.4	1,005.2	986.5	880.4	869.0	872.4	891.7	874.4
221	Weaving mills, cotton . . . . .	226.1	225.0	226.7	234.7	233.5	205.8	204.5	205.7	214.3	213.4
222	Weaving mills, synthetics . . . . .	101.1	99.9	101.6	101.9	100.2	90.7	89.5	90.8	91.7	90.2
223	Weaving and finishing mills, wool . . . . .	45.4	45.1	45.5	45.8	44.9	39.1	38.7	39.0	39.8	38.8
224	Narrow fabric mills . . . . .	32.2	31.7	31.9	31.6	31.1	28.7	28.2	28.4	28.2	27.7
225	Knitting mills . . . . .	250.4	247.9	246.1	253.9	246.1	221.2	218.5	217.2	226.6	219.4
2251	Women's hosiery, except socks . . . . .	-	65.5	65.7	64.4	63.0	-	59.4	59.7	58.8	57.5
2252	Hosiery, n e c . . . . .	-	37.8	37.6	40.0	39.1	-	34.1	33.9	36.3	35.5
2253	Knit outerwear mills . . . . .	-	73.0	71.8	79.8	76.9	-	62.6	61.7	70.3	67.6
2254	Knit underwear mills . . . . .	-	34.3	34.3	33.8	32.6	-	30.3	30.3	30.1	29.0

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)												
		All employees					Production workers <sup>1</sup>							
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968			
	<i>Nondurable Goods--Continued</i>													
	<b>TEXTILE MILL PRODUCTS--Continued</b>													
226	Textile finishing, except wool . . . . .	84.8	83.1	83.3	82.9	81.7	71.8	70.4	70.7	70.1	69.0			
227	Floor covering mills . . . . .	-	53.0	52.9	50.0	49.0	-	42.5	42.6	39.9	39.0			
228	Yarn and thread mills . . . . .	122.9	121.1	121.3	122.5	120.0	113.5	112.0	112.2	113.4	110.8			
229	Miscellaneous textile goods . . . . .	80.4	78.5	79.7	81.9	80.0	66.5	64.7	65.8	67.7	66.1			
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS . . . . .</b>	<b>1,441.8</b>	<b>1,419.3</b>	<b>1,411.2</b>	<b>1,428.9</b>	<b>1,402.8</b>	<b>1,267.8</b>	<b>1,247.2</b>	<b>1,239.2</b>	<b>1,261.6</b>	<b>1,237.2</b>			
231	Men's and boys' suits and coats . . . . .	139.5	138.4	136.8	133.3	131.9	121.9	121.1	119.7	117.7	116.4			
232	Men's and boys' furnishings . . . . .	376.7	371.7	372.0	371.9	366.0	335.1	330.4	330.5	332.0	326.6			
2321	Men's and boys' shirts and nightwear . . . . .	-	119.4	119.4	123.7	122.8	-	107.1	107.2	111.2	110.4			
2327	Men's and boys' separate trousers . . . . .	-	81.3	81.9	80.4	79.1	-	74.1	74.6	74.3	73.1			
2328	Men's and boys' work clothing . . . . .	-	85.9	85.8	83.7	81.6	-	74.3	74.2	72.6	70.6			
233	Women's and misses' outerwear . . . . .	440.6	430.4	427.2	433.0	422.5	390.8	381.4	378.6	383.7	374.0			
2331	Women's and misses' blouses and waists . . . . .	-	51.3	51.3	53.2	52.3	-	45.6	45.7	47.8	46.9			
2335	Women's and misses' dresses . . . . .	-	206.3	209.7	202.3	205.4	-	185.7	188.7	180.9	183.7			
2337	Women's and misses' suits and coats . . . . .	-	83.8	76.6	93.7	79.8	-	73.3	66.7	83.4	70.3			
2339	Women's and misses' outerwear, n e c . . . . .	-	89.0	89.6	83.8	85.0	-	76.8	77.5	71.6	73.1			
234	Women's and children's undergarments . . . . .	126.0	126.0	126.4	125.4	124.0	109.7	109.8	110.1	110.0	108.7			
2341	Women's and children's underwear . . . . .	-	85.9	86.0	84.3	83.2	-	76.0	76.1	75.3	74.3			
2342	Corsets and allied garments . . . . .	-	40.1	40.4	41.1	40.8	-	33.8	34.0	34.7	34.4			
235	Hats, caps, and millinery . . . . .	-	20.2	19.6	23.4	21.6	-	18.3	17.5	20.9	19.2			
236	Children's outerwear . . . . .	83.4	80.9	79.0	82.4	80.5	74.4	72.1	70.0	73.7	71.9			
2361	Children's dresses and blouses . . . . .	-	35.6	34.0	36.1	35.1	-	32.1	31.2	32.7	31.8			
237,8	Fur goods and miscellaneous apparel . . . . .	-	78.8	76.1	83.3	80.6	-	68.1	65.5	72.9	70.1			
239	Misc. fabricated textile products . . . . .	175.5	172.9	174.1	176.2	175.7	148.1	146.0	147.3	150.7	150.3			
2391,2	Housefurnishings . . . . .	-	62.8	63.4	62.6	62.5	-	53.6	54.4	54.3	54.2			
26	<b>PAPER AND ALLIED PRODUCTS . . . . .</b>	<b>721.7</b>	<b>706.8</b>	<b>703.5</b>	<b>698.8</b>	<b>683.2</b>	<b>561.2</b>	<b>547.5</b>	<b>544.1</b>	<b>543.4</b>	<b>529.5</b>			
261,2,6	Paper and pulp mills . . . . .	227.2	220.9	216.5	221.2	215.2	177.8	172.0	167.7	173.6	168.4			
263	Paperboard mills . . . . .	72.9	72.3	73.2	73.4	72.0	57.4	57.1	57.7	58.7	57.3			
264	Misc. converted paper products . . . . .	187.6	184.8	185.1	181.0	177.4	136.9	134.6	135.1	132.7	130.0			
2643	Bags, except textile bags . . . . .	-	42.3	42.8	41.5	41.0	-	34.3	34.8	33.2	32.8			
265	Paperboard containers and boxes . . . . .	234.0	228.8	228.7	223.2	218.6	189.1	183.8	183.6	178.4	173.8			
2651,2	Folding and setup paperboard boxes . . . . .	-	70.8	70.6	69.5	68.4	-	58.9	58.6	57.5	56.4			
2653	Corrugated and solid fiber boxes . . . . .	-	105.1	104.9	102.2	99.1	-	81.5	81.1	78.7	75.7			
2654	Sanitary food containers . . . . .	-	32.8	32.9	32.4	31.7	-	26.7	26.8	26.3	25.6			
27	<b>PRINTING AND PUBLISHING . . . . .</b>	<b>1,081.8</b>	<b>1,070.9</b>	<b>1,077.3</b>	<b>1,064.6</b>	<b>1,057.2</b>	<b>672.0</b>	<b>666.9</b>	<b>672.4</b>	<b>665.6</b>	<b>663.2</b>			
271	Newspapers . . . . .	364.8	363.3	362.9	357.7	354.4	177.9	178.6	178.2	176.3	175.9			
272	Periodicals . . . . .	-	77.7	77.8	76.5	76.1	-	27.3	27.7	26.6	26.3			
273	Books . . . . .	-	95.6	95.9	96.3	95.5	-	53.9	54.3	55.7	55.7			
275	Commercial printing . . . . .	343.3	337.8	343.8	339.1	337.8	266.6	262.7	267.8	264.4	263.9			
2751	Commercial printing, ex. lithographic . . . . .	-	211.5	211.0	209.4	208.4	-	166.4	166.1	165.0	164.8			
2752	Commercial printing, lithographic . . . . .	-	114.3	120.5	118.2	117.8	-	87.0	92.1	90.5	90.1			
278	Blankbooks and bookbinding . . . . .	58.1	56.9	57.6	56.9	55.7	48.0	46.8	47.6	46.6	45.4			
274,6,7,9	Other publishing & printing ind. . . . .	140.9	139.6	139.3	138.1	137.7	97.9	97.6	96.8	96.0	96.0			
28	<b>CHEMICALS AND ALLIED PRODUCTS . . . . .</b>	<b>1,053.0</b>	<b>1,044.3</b>	<b>1,046.9</b>	<b>1,029.8</b>	<b>1,018.8</b>	<b>621.8</b>	<b>617.2</b>	<b>622.7</b>	<b>610.5</b>	<b>604.5</b>			
281	Industrial chemicals . . . . .	315.4	312.1	311.6	317.1	313.7	174.8	172.6	172.2	174.9	173.4			
2812	Alkalies and chlorine . . . . .	-	25.6	25.8	26.2	25.6	-	17.8	17.9	17.9	17.5			
2818	Industrial organic chemicals, n e c . . . . .	-	123.5	123.0	129.0	127.2	-	55.4	55.1	58.8	58.0			
2819	Industrial inorganic chemicals, n e c . . . . .	-	96.1	95.9	95.5	95.0	-	56.0	55.9	55.7	55.7			
282	Plastics materials and synthetics . . . . .	225.9	221.4	222.3	212.9	210.1	148.7	146.2	147.4	139.8	138.4			
2821	Plastics materials and resins . . . . .	-	96.0	96.7	92.5	91.3	-	59.1	60.0	57.5	56.9			
2823,4	Synthetic fibers . . . . .	-	112.4	112.6	106.2	104.6	-	78.7	79.0	72.8	72.1			
283	Drugs . . . . .	140.9	139.4	140.4	137.1	134.7	69.2	68.4	71.7	70.2	68.2			
2834	Pharmaceutical preparations . . . . .	-	109.7	109.3	105.9	103.9	-	54.8	54.6	53.0	51.3			
284	Soap, cleaners, and toilet goods . . . . .	122.5	120.1	120.8	117.0	114.0	72.6	70.8	71.5	71.3	68.8			
2841	Soap and other detergents . . . . .	-	39.0	39.6	40.0	39.2	-	25.5	25.9	26.8	26.1			
2844	Toilet preparations . . . . .	-	50.9	50.8	47.5	45.5	-	31.0	30.9	29.3	27.6			
285	Paints and allied products . . . . .	72.8	71.6	70.4	70.9	68.9	40.8	39.5	38.5	39.6	37.9			
287	Agricultural chemicals . . . . .	55.1	60.4	61.3	56.6	62.0	34.4	39.6	40.6	35.5	41.3			
2871,2	Fertilizers, complete & mixing only . . . . .	-	43.4	44.4	39.3	45.0	-	30.9	31.9	27.1	33.0			
286,9	Other chemical products . . . . .	120.4	119.3	120.1	118.2	115.4	81.3	80.1	80.8	79.2	76.5			
2892	Explosives . . . . .	-	47.0	47.5	46.5	44.6	-	36.4	36.7	35.8	33.8			
29	<b>PETROLEUM AND COAL PRODUCTS . . . . .</b>	<b>194.0</b>	<b>189.0</b>	<b>187.8</b>	<b>190.8</b>	<b>185.9</b>	<b>121.9</b>	<b>117.3</b>	<b>116.4</b>	<b>121.3</b>	<b>117.7</b>			
291	Petroleum refining . . . . .	154.7	151.4	151.1	152.2	149.3	93.0	90.2	90.5	93.2	91.3			
295,9	Other petroleum and coal products . . . . .	39.3	37.6	36.7	38.6	36.6	28.9	27.1	25.9	28.1	26.4			

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

(In thousands)											
SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
	<i>Nondurable Goods--Continued</i>										
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C</b>	585.6	575.7	575.7	559.0	549.2	454.8	446.5	445.8	433.1	424.3
301	Tires and inner tubes . . . . .	118.0	116.4	116.2	114.4	112.9	82.6	81.5	81.2	80.3	79.0
302,3,6	Other rubber products . . . . .	185.1	183.0	185.2	183.2	180.6	145.4	143.7	145.6	144.0	141.6
302	Rubber footwear . . . . .	-	26.0	26.1	27.6	27.2	-	22.1	22.2	23.1	22.6
307	Miscellaneous plastics products . . . . .	282.5	276.3	274.3	261.4	255.7	226.8	221.3	219.0	208.8	203.7
31	<b>LEATHER AND LEATHER PRODUCTS . . .</b>	349.0	345.4	343.8	361.2	353.6	300.0	296.4	294.7	312.5	305.1
311	Leather tanning and finishing . . . . .	29.8	29.6	29.5	31.3	30.8	25.7	25.5	25.4	27.4	26.8
314	Footwear, except rubber . . . . .	228.5	227.5	226.3	237.9	234.3	199.5	198.6	197.3	208.4	205.0
312,3,5-7,9	Other leather products . . . . .	90.7	88.3	88.0	92.0	88.5	74.8	72.3	72.0	76.7	73.3
316	Luggage . . . . .	-	21.6	21.3	21.0	20.7	-	17.3	17.1	16.9	16.8
317	Handbags and personal leather goods . . . . .	-	35.2	35.4	39.1	37.1	-	29.6	29.6	33.6	31.6
	<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	4,484	4,428	4,403	4,343	4,237					
40	<b>RAILROAD TRANSPORTATION . . . . .</b>	-	648.1	645.5	674.9	668.6	-	-	-	-	-
4011	Class I railroads <sup>2</sup> . . . . .	-	573.2	570.2	595.8	588.6	-	-	-	-	-
	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT . . . . .</b>	-	287.2	283.6	279.2	285.4	-	-	-	-	-
411	Local and suburban transportation . . . . .	-	81.2	80.7	81.1	81.8	-	76.9	76.6	77.0	77.7
412	Taxicabs . . . . .	-	108.6	109.6	109.6	109.4	-	-	-	-	-
413	Intercity highway transportation . . . . .	-	42.7	41.8	43.5	42.5	-	39.0	38.0	39.9	38.9
42	<b>TRUCKING AND WAREHOUSING . . . . .</b>	-	1,072.1	1,062.2	1,056.6	1,022.4	-	970.6	959.6	958.7	925.0
421,3	Trucking and trucking terminals . . . . .	-	991.1	981.2	973.9	941.8	-	900.7	889.8	886.6	855.0
422	Public warehousing . . . . .	-	81.0	81.0	82.7	80.6	-	69.9	69.8	72.1	70.0
45	<b>TRANSPORTATION BY AIR . . . . .</b>	-	349.8	347.2	327.7	324.6	-	-	-	-	-
451,2	Air transportation . . . . .	-	315.9	313.8	295.9	293.0	-	-	-	-	-
46	<b>PIPE LINE TRANSPORTATION . . . . .</b>	-	18.5	18.4	19.5	18.4	-	15.0	14.9	16.2	15.2
44,47	<b>OTHER TRANSPORTATION AND SERVICES</b>	-	352.7	352.0	345.8	349.9	-	-	-	-	-
44	<b>WATER TRANSPORTATION . . . . .</b>	-	250.5	250.3	246.9	251.5	-	-	-	-	-
47	<b>TRANSPORTATION SERVICES . . . . .</b>	-	102.2	101.7	98.9	98.4	-	-	-	-	-
48	<b>COMMUNICATION . . . . .</b>	-	1,050.4	1,040.5	973.8	920.2	-	822.3	815.1	759.4	705.8
481	Telephone communication . . . . .	-	872.9	864.4	804.6	753.2	-	692.9	686.1	633.0	582.9
482	Telegraph communication <sup>3</sup> . . . . .	-	32.6	32.5	33.0	33.3	-	22.4	22.4	22.7	22.5
483	Radio and television broadcasting . . . . .	-	129.3	128.2	123.0	120.7	-	101.7	101.1	99.1	95.9
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	649.6	653.9	665.2	647.4	-	556.7	560.6	572.7	560.2
491	Electric companies and systems . . . . .	-	270.8	270.3	273.6	265.2	-	230.8	230.6	233.4	226.9
492	Gas companies and systems . . . . .	-	156.3	156.4	162.1	156.4	-	133.1	133.3	139.3	133.5
493	Combination companies and systems . . . . .	-	175.8	180.8	182.3	180.2	-	151.5	155.9	158.4	159.7
494-7	Water, steam, & sanitary systems . . . . .	-	46.7	46.4	47.2	45.6	-	41.3	40.8	41.6	40.1
-	<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	14,686	14,516	14,398	14,106	13,928	13,078	12,916	12,804	12,550	12,375
50	<b>WHOLESALE TRADE . . . . .</b>	3,784	3,708	3,688	3,636	3,555	3,188	3,115	3,097	3,061	2,981
501	Motor vehicles & automotive equipment . . . . .	-	301.3	298.7	289.4	286.8	-	249.1	247.2	240.2	236.5
502	Drugs, chemicals, and allied products . . . . .	-	230.4	229.6	220.4	217.5	-	190.9	190.0	182.3	179.5
503	Dry goods and apparel . . . . .	-	147.1	146.6	148.0	145.2	-	116.9	116.5	120.9	119.0
504	Groceries and related products . . . . .	-	537.0	527.1	553.9	517.3	-	468.1	458.9	485.0	448.1
506	Electrical goods . . . . .	-	301.3	301.6	289.6	283.1	-	250.1	250.1	237.7	230.7
507	Hardware; plumbing & heating equipment . . . . .	-	168.8	167.8	164.3	161.0	-	142.4	141.7	139.2	136.2
508	Machinery, equipment, and supplies . . . . .	-	731.6	728.6	699.3	691.6	-	621.5	618.3	590.3	583.4
509	Miscellaneous wholesalers . . . . .	-	1,214.5	1,210.3	1,185.7	1,166.3	-	1,014.9	1,011.4	995.4	977.7
52-59	<b>RETAIL TRADE . . . . .</b>	10,902	10,808	10,710	10,470	10,373	9,890	9,801	9,707	9,489	9,394
53	<b>RETAIL GENERAL MERCHANDISE . . . . .</b>	-	2,212.9	2,192.8	2,100.8	2,081.1	-	2,026.8	2,009.3	1,930.3	1,910.4
531	Department stores . . . . .	-	1,450.9	1,435.4	1,368.3	1,350.3	-	1,331.9	1,317.5	1,257.3	1,239.6
532	Mail order houses . . . . .	-	118.1	119.3	118.5	118.0	-	108.9	110.8	110.2	110.0
533	Variety stores . . . . .	-	322.0	321.5	302.4	305.3	-	296.7	297.0	282.8	285.9
54	<b>FOOD STORES . . . . .</b>	-	1,687.6	1,675.9	1,607.6	1,610.3	-	1,571.2	1,560.8	1,485.7	1,487.9
541-3	Grocery, meat, and vegetable stores . . . . .	-	1,517.7	1,507.4	1,442.1	1,444.8	-	1,414.2	1,405.3	1,333.6	1,335.6

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

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

SIC Code	Industry	(In thousands)									
		All employees					Production workers <sup>1</sup>				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
<b>WHOLESALE AND RETAIL TRADE (Continued)</b>											
56	APPAREL AND ACCESSORY STORES . . . . .		692.7	696.5	690.5	686.1	-	622.1	624.7	620.2	616.6
561	Men's & boys' clothing & furnishings. . . . .		119.8	119.8	119.6	114.6	-	107.0	107.0	106.7	101.9
562	Women's ready-to-wear stores . . . . .		259.7	259.2	255.4	256.5	-	234.0	233.4	230.4	231.5
565	Family clothing stores . . . . .		104.6	106.5	107.0	104.2	-	97.6	98.9	99.6	96.9
566	Shoe stores . . . . .		136.8	138.9	137.2	140.7	-	119.9	121.7	120.2	124.1
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b>		437.4	438.3	431.6	428.2	-	383.3	383.9	377.1	374.3
571	Furniture and home furnishings . . . . .		280.2	280.6	276.2	273.1	-	244.2	244.6	241.3	238.0
58	<b>EATING AND DRINKING PLACES . . . . .</b>		2,451.1	2,415.1	2,372.2	2,336.3	-	2,294.2	2,259.6	2,219.4	2,183.0
52,55,59	<b>OTHER RETAIL TRADE . . . . .</b>		3,326.7	3,291.4	3,267.7	3,230.9	-	2,903.2	2,869.1	2,855.9	2,821.7
52	Building materials and farm equipment . . . . .		547.1	537.5	550.9	535.0	-	469.1	459.8	474.4	458.6
55	Automotive dealers & service stations . . . . .		1,589.1	1,579.5	1,562.1	1,534.5	-	-	-	-	-
551,2	Motor vehicle dealers . . . . .		769.1	768.5	748.9	740.1	-	651.7	651.8	634.8	626.4
553,9	Other automotive & accessory dealers . . . . .		222.3	218.2	216.4	211.7	-	191.6	187.4	186.7	182.4
554	Gasoline service stations . . . . .		597.7	592.8	596.8	582.7	-	-	-	-	-
59	Miscellaneous retail stores . . . . .		1,190.5	1,174.4	1,154.7	1,161.4	-	-	-	-	-
591	Drug stores and proprietary stores . . . . .		432.2	428.4	428.7	427.2	-	387.6	384.5	386.1	385.8
594	Book and stationery stores . . . . .		60.2	60.5	58.1	58.8	-	51.8	52.2	50.0	51.1
596	Farm and garden supply stores . . . . .		112.6	112.4	106.3	109.0	-	-	-	-	-
598	Fuel and ice dealers . . . . .		103.0	107.1	101.4	101.6	-	89.3	93.1	87.5	87.7
<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>											
		3,572	3,531	3,517	3,390	3,352	2,843	2,804	2,792	2,695	2,658
60	Banking . . . . .	-	964.2	959.6	917.4	902.7	-	797.5	794.2	762.5	748.5
61	Credit agencies other than banks . . . . .	-	357.0	356.1	349.7	348.6	-	279.0	279.0	273.7	273.4
612	Savings and loan associations . . . . .	-	103.4	103.0	100.6	99.4	-	82.4	82.1	80.3	79.2
614	Personal credit institutions . . . . .	-	190.3	190.3	188.3	189.0	-	-	-	-	-
62	Security, commodity brokers & services . . . . .	-	216.8	217.1	186.3	181.6	-	191.5	191.8	164.7	159.8
63	Insurance carriers . . . . .	-	1,011.0	1,010.7	979.6	978.7	-	705.8	705.7	682.9	682.1
631	Life insurance . . . . .	-	523.9	525.2	506.7	512.5	-	307.2	308.1	293.1	296.5
632	Accident and health insurance . . . . .	-	85.6	85.3	81.3	79.7	-	73.7	73.5	70.3	69.0
633	Fire, marine, and casualty insurance . . . . .	-	356.2	354.9	347.7	343.4	-	286.8	286.2	283.0	280.8
64	Insurance agents, brokers, and service . . . . .	-	265.6	266.2	254.3	252.4	-	-	-	-	-
65	Real estate . . . . .	-	636.7	627.1	625.6	610.8	-	-	-	-	-
655	Subdividers and developers . . . . .	-	88.1	81.0	84.2	81.6	-	-	-	-	-
656	Operative builders . . . . .	-	45.0	44.5	44.8	43.1	-	-	-	-	-
66,67	Other finance, insurance, & real estate . . . . .	-	79.9	79.8	77.5	76.7	-	-	-	-	-
<b>SERVICES . . . . .</b>											
		11,262	11,143	11,044	10,723	10,573					
70	Hotels and other lodging places . . . . .	767.7	733.2	714.6	755.8	713.6	-	-	-	-	-
701	Hotels, tourist courts, and motels . . . . .		664.2	653.6	684.9	650.0	-	617.8	608.0	636.2	605.3
72	Personal services . . . . .	1,047.4	1,031.4	1,025.4	1,049.6	1,037.8	-	-	-	-	-
721	Laundries and dry cleaning plants . . . . .		536.8	534.9	559.2	550.3	-	489.1	485.0	509.7	500.9
722	Photographic studios . . . . .		40.4	40.3	37.9	38.4	-	35.4	35.4	32.9	33.6
73	Miscellaneous business services . . . . .		1,478.5	1,460.5	1,399.4	1,386.4	-	-	-	-	-
731	Advertising . . . . .		118.5	117.7	116.9	116.5	-	-	-	-	-
732	Credit reporting and collection . . . . .		74.0	73.0	72.1	71.8	-	-	-	-	-
734	Services to buildings . . . . .		259.6	255.7	239.0	237.6	-	-	-	-	-
76	Miscellaneous repair services . . . . .		180.4	182.7	176.1	171.9	-	-	-	-	-
78	Motion pictures . . . . .		211.0	203.6	203.6	200.1	-	-	-	-	-
781	Motion picture filming & distributing . . . . .		48.6	47.5	51.4	51.0	-	30.9	30.4	32.0	30.6
782,3	Motion picture theaters and services . . . . .		162.4	156.1	152.2	149.1	-	-	-	-	-
80	Medical and other health services . . . . .	2,853.0	2,816.9	2,804.3	2,645.4	2,595.3	-	-	-	-	-
806	Hospitals . . . . .		1,745.8	1,741.3	1,655.8	1,628.6	-	-	-	-	-
81	Legal services . . . . .		214.3	213.6	209.5	201.0	-	-	-	-	-
82	Educational services . . . . .	1,094.6	1,161.2	1,159.8	1,019.3	1,102.4	-	-	-	-	-
821	Elementary and secondary schools . . . . .		388.9	388.7	356.1	369.9	-	-	-	-	-
822	Colleges and universities . . . . .		673.8	671.8	578.0	646.7	-	-	-	-	-
89	Miscellaneous services . . . . .		599.0	601.8	576.6	559.1	-	-	-	-	-
891	Engineering & architectural services . . . . .		297.6	296.1	291.5	282.4	-	-	-	-	-
892	Nonprofit research agencies . . . . .		94.4	94.2	93.9	92.9	-	-	-	-	-

# ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
	<b>GOVERNMENT</b> .....	12,350	12,300	12,274	11,957	11,892	-				
91	<b>FEDERAL GOVERNMENT</b> <sup>5</sup> .....	2,808	2,740	2,747	2,816	2,710					
	Executive .....	-	2,704.5	2,712.0	2,780.6	2,676.0	-	-	-	-	-
	Department of Defense .....	-	1,125.2	1,128.2	1,146.5	1,096.8	-	-	-	-	-
	Post Office Department .....	-	723.1	720.9	728.7	708.4	-	-	-	-	-
	Other agencies .....	-	856.2	862.9	905.4	870.8	-	-	-	-	-
	Legislative .....	-	28.5	28.4	28.6	27.6	-	-	-	-	-
	Judicial .....	-	6.6	6.6	6.5	6.5	-	-	-	-	-
92,93	<b>STATE AND LOCAL GOVERNMENT</b> ...	9,542	9,560	9,527	9,141	9,182					
92	State government .....	-	2,550.5	2,546.0	2,446.4	2,447.3	-	-	-	-	-
	State education .....	-	1,078.9	1,079.4	929.5	978.8	-	-	-	-	-
	Other State government .....	-	1,471.6	1,466.6	1,516.9	1,468.5	-	-	-	-	-
93	Local government .....	-	7,009.0	6,980.8	6,694.2	6,735.0	-	-	-	-	-
	Local education .....	-	4,013.9	4,008.7	3,705.7	3,862.5	-	-	-	-	-
	Other local government .....	-	2,995.1	2,972.1	2,988.5	2,872.5	-	-	-	-	-

<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. Beginning January 1969, federal employment includes approximately 39,000 civilian technicians of the National Guard who were transferred from State to federal status in accordance with Public Law 90-486.

\*Not available.

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

# ESTABLISHMENT DATA

## SEASONALLY ADJUSTED EMPLOYMENT

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

1957-59=100

Year and month	TOTAL	Mining	Contract construction	Manufacturing	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.....	51.6	147.1	35.4	64.2	91.0	41.3	-	-	43.9	32.8	34.1	-	-
1920.....	52.1	160.9	29.4	64.2	98.1	40.9	-	-	46.4	34.3	33.2	-	-
1921.....	46.4	124.9	35.1	49.7	84.9	42.0	-	-	46.0	35.0	32.2	-	-
1922.....	49.2	120.6	41.0	54.9	86.0	44.9	-	-	45.2	36.3	32.3	-	-
1923.....	54.1	157.4	42.6	62.1	95.2	48.4	-	-	47.0	38.9	33.2	-	-
1924.....	53.4	143.0	45.8	58.3	93.4	49.5	-	-	48.7	40.3	34.7	-	-
1925.....	54.8	141.4	50.1	59.9	93.9	51.1	-	-	48.7	41.6	35.7	-	-
1926.....	56.8	153.9	53.9	61.2	96.7	53.0	-	-	51.6	44.2	36.3	-	-
1927.....	57.1	144.7	55.7	60.3	95.6	54.1	-	-	54.0	45.9	37.2	-	-
1928.....	57.1	136.4	55.6	59.9	93.9	53.8	-	-	56.7	47.4	38.2	-	-
1929.....	59.7	141.2	51.9	64.5	96.1	56.1	-	-	59.6	49.9	39.1	24.1	45.0
1930.....	56.0	131.0	47.5	57.6	90.4	53.1	-	-	58.3	49.0	40.1	23.8	46.6
1931.....	50.7	113.4	42.1	49.2	79.8	48.4	-	-	55.6	46.2	41.6	25.3	48.0
1932.....	45.0	94.9	33.6	41.8	69.1	42.9	-	-	53.0	42.5	41.1	25.2	47.3
1933.....	45.1	96.6	28.0	44.6	65.6	43.5	-	-	51.2	41.7	40.4	25.5	46.2
1934.....	49.4	114.7	29.9	51.2	67.5	48.4	-	-	52.1	44.4	42.0	29.4	47.0
1935.....	51.5	116.5	31.6	54.6	68.4	49.7	-	-	52.8	45.6	44.4	34.0	48.4
1936.....	55.4	122.9	39.7	59.2	72.9	53.2	-	-	54.9	48.2	46.7	37.3	50.5
1937.....	59.1	131.8	38.5	65.0	76.9	57.4	-	-	56.6	51.0	47.9	37.6	51.9
1938.....	55.6	115.7	36.5	56.9	70.2	56.6	-	-	56.3	50.4	49.5	37.4	54.2
1939.....	58.3	110.9	39.8	61.9	72.0	58.8	58.1	59.1	57.8	51.0	50.9	40.9	54.9
1940.....	61.6	120.1	44.8	66.2	74.5	61.8	60.6	62.3	59.4	53.4	53.6	45.0	56.9
1941.....	69.6	124.3	62.0	79.5	80.3	66.0	64.7	66.5	61.2	56.9	59.4	60.5	58.9
1942.....	76.4	128.8	75.2	92.1	84.9	65.2	62.9	66.0	60.8	59.2	69.9	100.0	58.1
1943.....	80.8	120.1	54.3	106.0	89.5	63.9	60.1	65.3	59.4	60.2	77.5	131.2	56.4
1944.....	79.7	115.8	37.9	104.4	93.9	64.6	60.8	66.0	58.3	60.4	77.0	132.2	55.3
1945.....	76.9	108.6	39.2	93.5	95.8	67.0	64.3	67.9	59.2	61.5	75.8	126.8	55.7
1946.....	79.3	111.9	57.5	88.6	99.6	76.7	75.6	77.1	67.1	68.4	71.3	101.8	59.3
1947.....	83.5	124.0	68.7	93.7	102.2	82.0	81.5	82.2	69.3	73.2	69.8	85.5	63.6
1948.....	85.5	129.1	75.1	93.9	102.8	84.9	85.9	84.5	72.3	75.5	72.0	84.1	67.2
1949.....	83.4	120.8	75.0	87.0	98.2	84.8	85.9	84.5	73.4	76.3	74.6	86.2	70.1
1950.....	86.1	117.0	80.8	91.8	99.0	85.9	86.9	85.6	75.8	78.1	76.8	87.1	72.8
1951.....	91.1	120.6	90.2	98.8	103.7	89.2	90.0	88.9	78.7	80.9	81.4	104.0	72.6
1952.....	93.0	116.6	91.2	100.2	104.2	91.6	92.8	91.2	81.8	83.1	84.2	109.3	74.4
1953.....	95.6	112.5	90.9	105.7	105.3	93.8	94.2	93.7	84.8	85.1	84.7	104.1	77.1
1954.....	93.3	102.7	90.5	98.3	100.2	93.7	94.6	93.4	88.3	87.0	86.0	98.8	81.0
1955.....	96.5	102.9	97.1	101.7	101.6	96.5	96.5	96.4	92.3	91.0	88.1	98.8	83.9
1956.....	99.8	106.8	103.9	104.1	99.4	99.4	99.6	99.4	96.0	94.8	92.7	99.8	90.0
1957.....	100.7	107.5	101.2	103.5	104.0	99.7	99.9	99.6	97.9	97.9	97.1	100.1	95.9
1958.....	97.8	97.5	96.2	96.1	97.5	98.4	98.3	98.5	99.6	98.7	99.9	99.0	100.3
1959.....	101.5	95.1	102.5	100.5	98.4	101.9	101.7	102.0	102.5	103.4	103.0	100.9	103.9
1960.....	103.3	92.5	99.9	101.2	98.2	104.3	103.7	104.5	105.5	107.7	106.5	102.5	108.0
1961.....	102.9	87.3	97.5	98.4	95.8	103.8	103.3	104.0	107.9	111.2	109.5	102.9	112.1
1962.....	105.9	84.4	100.5	101.5	95.8	105.9	105.5	106.1	110.7	116.4	113.3	105.7	116.3
1963.....	108.0	82.5	102.6	102.4	95.8	107.8	107.2	108.1	113.7	120.7	117.6	106.5	121.9
1964.....	111.1	82.3	105.6	104.1	96.9	111.3	110.1	111.8	116.9	126.3	122.3	106.1	128.7
1965.....	115.8	82.1	110.4	108.8	99.0	116.4	114.4	117.2	119.5	131.8	128.4	107.4	136.6
1966.....	121.8	81.4	113.4	115.8	101.8	121.3	118.7	122.2	122.5	138.5	137.5	115.8	146.1
1967.....	125.4	79.6	111.1	117.2	104.5	124.6	121.7	125.6	127.5	146.5	145.3	122.8	154.1
1968.....	129.2	79.2	113.2	119.1	105.8	128.9	124.9	130.4	133.7	153.6	151.0	123.6	161.7
1968: June.....	129.1	79.9	113.2	119.2	105.5	128.7	124.9	130.1	132.9	153.1	151.3	125.3	161.5
July.....	129.4	80.4	113.2	119.3	105.9	129.0	125.1	130.5	133.4	153.5	151.5	125.5	161.7
August.....	129.6	80.5	113.3	119.3	106.2	129.6	125.4	131.1	134.3	154.1	151.6	123.9	162.4
September.....	129.8	80.8	113.8	119.4	106.3	130.0	125.9	131.5	134.9	154.2	151.5	122.9	162.7
October.....	130.3	74.4	114.5	119.5	106.5	130.6	126.4	132.1	135.7	155.5	152.3	122.3	164.1
November.....	130.7	80.8	114.8	119.9	106.8	130.9	126.7	132.4	136.5	156.4	152.3	122.4	164.1
December.....	131.1	80.9	115.3	120.2	107.0	130.7	127.0	132.0	136.9	157.2	153.4	123.0	165.3
1969: January.....	131.8	81.3	115.6	120.5	106.8	132.0	127.8	133.5	137.9	158.1	154.0	124.7	165.5
February.....	132.3	81.6	116.6	120.9	107.3	132.5	128.2	134.0	138.4	159.1	154.5	125.0	166.1
March.....	132.7	81.3	116.9	121.2	107.9	132.8	128.7	134.4	139.9	160.0	154.6	124.6	166.4
April.....	132.9	81.0	116.5	121.2	108.9	133.1	129.0	134.5	139.6	160.2	154.8	124.6	166.7
May.....	133.3	80.8	117.7	121.3	109.0	133.8	129.7	135.2	139.8	160.7	155.5	124.4	167.7
June.....	133.7	80.6	119.5	121.6	108.9	134.0	130.0	135.4	140.1	160.8	156.3	125.0	168.6

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

Data for the 2 most recent months are preliminary.

## ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

Industry division and group	1969						1968						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>TOTAL . . . . .</b>	70,216	70,024	69,789	69,710	69,487	69,199	68,875	68,664	68,427	68,195	68,088	67,945	67,816
<b>MINING . . . . .</b>	621	622	624	626	628	626	623	622	573	622	620	619	615
<b>CONTRACT CONSTRUCTION . . . . .</b>	3,449	3,397	3,363	3,374	3,366	3,338	3,330	3,313	3,305	3,286	3,272	3,268	3,267
<b>MANUFACTURING . . . . .</b>	20,181	20,140	20,111	20,122	20,061	19,999	19,958	19,897	19,840	19,820	19,800	19,804	19,790
<b>DURABLE GOODS . . . . .</b>	11,932	11,899	11,868	11,881	11,839	11,819	11,744	11,700	11,649	11,646	11,634	11,666	11,620
Ordnance and accessories . . . . .	344	342	343	346	346	349	351	347	333	346	350	346	343
Lumber and wood products . . . . .	607	609	604	608	607	606	603	600	600	599	599	598	596
Furniture and fixtures . . . . .	496	495	496	494	494	490	485	484	480	478	476	474	474
Stone, clay, and glass products . . . . .	657	656	658	664	666	664	658	652	649	645	644	641	642
Primary metal industries . . . . .	1,342	1,332	1,326	1,332	1,330	1,321	1,313	1,300	1,294	1,302	1,308	1,324	1,321
Fabricated metal products . . . . .	1,456	1,450	1,450	1,451	1,444	1,437	1,426	1,420	1,411	1,401	1,393	1,392	1,391
Machinery, except electrical . . . . .	2,004	2,002	1,999	1,993	1,997	1,981	1,971	1,974	1,966	1,960	1,955	1,949	1,955
Electrical equipment . . . . .	2,070	2,060	2,046	2,036	2,026	2,013	1,996	1,988	1,982	1,984	1,983	1,982	1,979
Transportation equipment . . . . .	2,036	2,035	2,029	2,042	2,020	2,045	2,031	2,031	2,034	2,035	2,027	2,068	2,029
Instruments and related products . . . . .	476	474	472	470	468	466	465	465	463	462	462	455	458
Miscellaneous manufacturing . . . . .	444	444	445	445	441	447	445	439	437	434	437	437	432
<b>NONDURABLE GOODS . . . . .</b>	8,249	8,241	8,243	8,241	8,222	8,180	8,214	8,197	8,191	8,174	8,166	8,138	8,170
Food and kindred products . . . . .	1,788	1,793	1,795	1,793	1,801	1,792	1,789	1,781	1,782	1,782	1,781	1,777	1,791
Tobacco manufactures . . . . .	81	82	81	83	82	84	81	82	83	84	87	85	85
Textile mill products . . . . .	987	987	991	995	999	1,000	998	997	994	994	995	993	994
Apparel and other textile products . . . . .	1,430	1,426	1,425	1,417	1,409	1,424	1,412	1,412	1,416	1,414	1,406	1,412	1,418
Paper and allied products . . . . .	714	713	710	714	713	709	706	704	700	696	695	690	691
Printing and publishing . . . . .	1,080	1,075	1,078	1,078	1,077	1,076	1,074	1,072	1,070	1,065	1,066	1,063	1,063
Chemicals and allied products . . . . .	1,047	1,045	1,044	1,045	1,044	1,040	1,040	1,038	1,034	1,031	1,028	1,025	1,024
Petroleum and coal products . . . . .	191	190	190	187	170	128	189	188	187	186	187	187	188
Rubber and plastics products, nec . . . . .	584	580	579	579	577	573	571	567	568	565	564	558	557
Leather and leather products . . . . .	347	350	350	350	350	354	354	356	357	357	357	348	359
<b>TRANSPORTATION AND PUBLIC UTILITIES . . . . .</b>	4,440	4,441	4,439	4,399	4,373	4,353	4,360	4,352	4,341	4,333	4,327	4,315	4,300
<b>WHOLESALE AND RETAIL TRADE . . . . .</b>	14,634	14,608	14,533	14,508	14,468	14,412	14,271	14,291	14,265	14,198	14,154	14,093	14,057
<b>WHOLESALE TRADE . . . . .</b>	3,765	3,757	3,737	3,726	3,714	3,701	3,678	3,669	3,660	3,646	3,633	3,624	3,618
<b>RETAIL TRADE . . . . .</b>	10,869	10,851	10,796	10,782	10,754	10,711	10,593	10,622	10,605	10,552	10,521	10,469	10,439
<b>FINANCE, INSURANCE, AND REAL ESTATE . . . . .</b>	3,544	3,538	3,531	3,515	3,502	3,490	3,463	3,453	3,433	3,414	3,399	3,376	3,363
<b>SERVICES . . . . .</b>	11,085	11,077	11,044	11,034	10,967	10,900	10,838	10,787	10,721	10,635	10,625	10,582	10,554
Hotels and other lodging places . . . . .	728	736	741	745	733	733	729	724	722	715	718	721	717
Personal services . . . . .	1,031	1,025	1,024	1,026	1,027	1,028	1,032	1,031	1,027	1,029	1,030	1,030	1,033
Medical and other health services . . . . .	2,836	2,831	2,813	2,795	2,778	2,762	2,737	2,721	2,702	2,679	2,661	2,644	2,630
Educational services . . . . .	1,135	1,123	1,119	1,117	1,112	1,090	1,096	1,090	1,080	1,061	1,051	1,052	1,057
<b>GOVERNMENT . . . . .</b>	12,262	12,201	12,144	12,132	12,122	12,081	12,032	11,949	11,949	11,887	11,891	11,888	11,870
<b>FEDERAL . . . . .</b>	2,767	2,754	2,758	2,759	2,767	2,760	2,724	2,709	2,708	2,721	2,743	2,779	2,774
<b>STATE AND LOCAL . . . . .</b>	9,495	9,447	9,386	9,373	9,355	9,321	9,308	9,240	9,241	9,166	9,148	9,109	9,096

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

# ESTABLISHMENT DATA

## SEASONALLY ADJUSTED EMPLOYMENT

**B-6: Production workers in industrial and construction activities<sup>1</sup>**  
**seasonally adjusted**

(In thousands)

Major industry group	1969						1968						
	June	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June
<b>TOTAL . . . . .</b>	18,178	18,108	18,054	18,101	18,063	17,993	17,928	17,859	17,762	17,772	17,742	17,763	17,747
<b>MINING . . . . .</b>	470	473	476	477	480	477	475	474	430	474	473	472	468
<b>CONTRACT CONSTRUCTION . . . . .</b>	2,905	2,869	2,839	2,853	2,852	2,832	2,818	2,791	2,787	2,765	2,750	2,750	2,745
<b>MANUFACTURING . . . . .</b>	14,803	14,766	14,739	14,771	14,731	14,684	14,635	14,594	14,545	14,533	14,519	14,541	14,534
<b>DURABLE GOODS . . . . .</b>	8,690	8,659	8,634	8,654	8,628	8,606	8,536	8,505	8,462	8,465	8,450	8,493	8,455
Ordnance and accessories . . . . .	194	192	193	197	195	196	195	195	183	195	197	196	194
Lumber and wood products . . . . .	525	529	525	528	527	528	524	520	519	519	520	519	517
Furniture and fixtures . . . . .	413	412	413	410	410	407	402	400	397	395	394	391	392
Stone, clay, and glass products . . . . .	527	526	529	535	537	534	530	524	522	519	518	516	516
Primary metal industries . . . . .	1,071	1,062	1,057	1,063	1,058	1,051	1,044	1,031	1,027	1,034	1,037	1,052	1,050
Fabricated metal products . . . . .	1,127	1,121	1,118	1,121	1,115	1,109	1,100	1,095	1,089	1,079	1,073	1,072	1,072
Machinery, except electrical . . . . .	1,374	1,369	1,370	1,363	1,370	1,359	1,346	1,354	1,341	1,336	1,333	1,327	1,337
Electrical equipment and supplies . . . . .	1,387	1,383	1,369	1,364	1,355	1,344	1,330	1,324	1,321	1,323	1,324	1,323	1,319
Transportation equipment . . . . .	1,431	1,426	1,420	1,432	1,426	1,439	1,427	1,430	1,434	1,439	1,428	1,475	1,437
Instruments and related products . . . . .	295	293	292	292	289	288	287	287	286	285	284	279	282
Miscellaneous manufacturing industries . . . . .	346	346	348	349	346	351	351	345	343	341	342	343	339
<b>NONDURABLE GOODS . . . . .</b>	6,113	6,107	6,105	6,117	6,103	6,078	6,099	6,089	6,083	6,068	6,069	6,048	6,079
Food and kindred products . . . . .	1,204	1,206	1,205	1,208	1,215	1,205	1,202	1,194	1,194	1,193	1,192	1,189	1,204
Tobacco manufactures . . . . .	68	69	68	69	69	71	69	70	70	72	74	72	72
Textile mill products . . . . .	870	872	875	880	883	885	883	883	880	881	882	881	881
Apparel and other textile products . . . . .	1,256	1,255	1,252	1,246	1,238	1,254	1,243	1,245	1,249	1,247	1,241	1,245	1,250
Paper and allied products . . . . .	554	552	549	555	555	550	549	546	543	540	540	537	536
Printing and publishing . . . . .	671	669	672	673	672	673	671	670	668	664	667	666	665
Chemicals and allied products . . . . .	619	615	617	620	620	617	617	616	613	611	611	607	608
Petroleum and coal products . . . . .	119	118	118	116	101	73	119	119	119	117	118	118	119
Rubber and plastics products, nec . . . . .	454	451	449	449	448	444	441	439	440	437	437	433	433
Leather and leather products . . . . .	298	300	300	301	302	306	305	307	307	306	307	300	311

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

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



# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968
1	ALABAMA	979.4	972.9	960.8	8.0	7.9	8.2	54.2	51.1	50.8	314.5	311.9	307.7
2	Birmingham	252.7	252.0	246.1	5.5	5.4	5.5	15.0	14.6	14.7	70.4	70.1	67.8
3	Huntsville	75.7	75.7	75.7	(1)	(1)	(1)	3.1	3.0	3.0	11.2	11.3	12.3
4	Mobile	103.9	103.4	103.9	(1)	(1)	(1)	6.4	6.5	6.8	24.7	24.3	23.1
5	Montgomery	67.4	67.1	65.2	(1)	(1)	(1)	5.3	5.2	5.1	10.3	10.2	9.8
6	Tuscaloosa	36.3	34.3	34.9	(1)	(1)	(1)	2.3	2.2	2.1	10.2	8.5	9.7
7	ALASKA	82.9	78.5	78.7	3.7	3.5	2.3	5.4	4.1	5.8	7.4	5.7	7.1
8	ARIZONA	502.2	500.5	467.1	18.5	18.5	17.2	31.3	29.7	25.5	92.1	91.7	83.4
9	Phoenix	298.3	298.0	275.9	.3	.3	.2	16.6	16.2	14.4	74.3	74.1	66.2
10	Tucson	96.2	96.5	88.9	5.5	5.5	4.8	9.0	8.7	6.6	7.8	7.7	7.8
11	ARKANSAS	527.6	523.1	506.1	4.7	4.7	4.9	33.9	32.2	30.7	164.3	163.0	155.7
12	Fayetteville	25.4	24.9	23.3	(1)	(1)	(1)	2.1	2.0	1.5	7.7	7.4	6.6
13	Fort Smith	43.9	43.4	42.4	.5	.5	.5	1.7	1.7	2.6	16.8	16.5	14.8
14	Little Rock-North Little Rock	118.4	117.4	116.2	(1)	(1)	(1)	8.1	7.5	8.1	26.5	26.1	24.9
15	Pine Bluff	25.0	24.9	24.4	(1)	(1)	(1)	1.5	1.5	1.9	5.8	5.8	5.6
16	CALIFORNIA	6,826.9	6,774.7	6,576.4	31.6	31.2	31.5	299.9	287.3	281.9	1,625.0	1,620.5	1,612.5
17	Anaheim-Santa Ana-Garden Grove	395.6	392.1	375.6	1.8	1.8	1.9	21.8	20.5	18.9	125.4	124.9	127.7
18	Bakersfield	89.6	88.3	88.2	6.7	6.9	6.6	5.0	4.6	5.1	8.3	8.2	8.2
19	Fresno	111.9	109.6	108.7	.7	.7	.7	5.5	5.2	5.2	16.6	15.8	16.0
20	Los Angeles-Long Beach	2,849.8	2,841.3	2,778.3	11.3	11.2	11.3	101.2	98.2	97.4	872.5	875.4	875.6
21	Oxnard-Ventura	89.1	88.1	83.5	2.1	2.1	2.1	3.8	3.6	3.2	14.0	14.1	13.7
22	Sacramento	258.9	257.6	251.9	.2	.2	.3	11.5	11.0	11.2	24.3	23.6	25.1
23	San Bernardino-Riverside-Ontario	283.6	282.2	271.2	2.3	2.3	2.1	13.3	13.0	12.8	52.1	51.2	49.1
24	San Diego	358.9	355.8	337.2	.4	.4	.4	18.4	17.5	16.9	66.9	66.9	63.6
25	San Francisco-Oakland	1,238.7	1,230.1	1,193.2	1.7	1.7	1.7	62.2	60.3	60.5	203.2	199.8	194.7
26	San Jose	363.6	362.8	347.8	.1	.1	.1	18.1	17.3	16.5	121.5	122.6	120.8
27	Santa Barbara	79.3	79.0	76.9	.9	.9	.9	4.0	3.6	4.0	9.9	10.5	10.4
28	Santa Rosa	47.1	46.1	45.0	.3	.2	.3	2.4	2.2	2.2	6.4	6.2	6.5
29	Stockton	88.0	87.0	83.8	.1	.1	.1	3.9	3.6	3.5	16.4	16.0	15.2
30	Vallejo-Napa	66.4	65.4	65.1	.2	.2	.2	2.4	2.1	2.4	6.7	6.3	6.9
31	COLORADO	701.0	698.2	675.7	12.3	12.4	12.9	34.4	34.3	36.1	108.2	107.3	103.0
32	Denver	446.0	444.2	429.6	4.1	4.1	4.1	23.8	24.0	24.0	79.2	79.0	74.3
33	CONNECTICUT	1,174.5	1,169.4	1,160.5	(2)	(2)	(2)	53.4	50.1	54.3	473.4	474.8	476.8
34	Bridgeport	151.2	149.7	149.6	(2)	(2)	(2)	6.0	4.5	5.7	76.2	76.5	77.4
35	Hartford	320.2	320.2	313.6	(2)	(2)	(2)	14.3	13.9	13.6	109.5	110.5	114.8
36	New Britain	46.8	46.9	43.8	(2)	(2)	(2)	1.8	1.7	1.8	24.8	25.2	22.7
37	New Haven	151.7	151.4	153.2	(2)	(2)	(2)	7.4	6.9	7.5	44.2	44.5	46.7
38	Stamford	78.8	77.9	76.0	(2)	(2)	(2)	4.1	3.8	3.8	27.5	27.5	26.3
39	Waterbury	79.1	79.4	78.0	(2)	(2)	(2)	3.5	3.4	3.5	40.2	40.6	40.8
40	DELAWARE	207.0	204.2	203.0	(1)	(1)	(1)	11.2	14.6	14.4	74.6	68.9	73.0
41	Wilmington	179.3	177.2	180.6	(1)	(1)	(1)	8.4	11.2	11.7	68.3	64.0	68.2
42	DISTRICT OF COLUMBIA <sup>3</sup>	(*)	679.4	670.9	(*)	(1)	(1)	(*)	18.9	20.2	(*)	20.1	20.6
43	Washington SMSA	(*)	1,089.1	1,073.3	(*)	(1)	(1)	(*)	60.6	65.3	(*)	43.3	43.8
44	Northern Virginia <sup>4</sup>	238.9	237.0	231.2	.4	.4	.4	19.3	18.8	20.2	9.3	9.3	9.3
45	FLORIDA	2,005.8	2,008.1	1,915.4	8.2	8.3	8.6	151.1	135.3	135.7	314.9	316.3	308.9
46	Fort Lauderdale-Hollywood	148.7	148.6	136.3	(1)	(1)	(1)	19.0	14.9	15.3	19.7	19.5	17.9
47	Jacksonville	185.2	184.6	179.3	(1)	(1)	(1)	11.1	11.2	10.7	23.9	23.3	22.8
48	Miami	464.0	454.8	446.2	(1)	(1)	(1)	27.2	15.1	26.7	73.7	73.8	71.5
49	Orlando	131.3	130.6	122.4	(1)	(1)	(1)	11.7	11.4	10.3	22.5	22.3	22.3
50	Pensacola	66.0	65.6	63.3	(1)	(1)	(1)	5.6	5.6	4.9	14.3	14.2	13.8
51	Tampa-St. Petersburg	285.4	287.1	272.9	(1)	(1)	(1)	21.3	19.7	19.9	52.6	53.2	50.4
52	West Palm Beach	98.2	101.5	90.6	(1)	(1)	(1)	8.4	8.1	7.2	18.7	18.3	17.1
53	GEORGIA	1,472.2	1,475.5	1,423.6	6.7	6.8	6.7	81.0	79.3	78.4	457.6	461.4	444.1
54	Atlanta	571.2	575.1	546.6	(1)	(1)	(1)	37.1	36.5	35.1	121.1	124.6	115.7

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

# 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			
May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	
54.2	54.2	52.8	181.5	181.5	180.8	40.7	40.6	39.8	128.4	128.1	126.5	197.9	197.6	194.2	1
18.9	18.9	17.9	57.4	57.6	56.4	17.2	17.1	16.8	34.3	34.3	33.6	34.0	34.0	33.4	2
1.7	1.7	1.7	11.3	11.3	11.2	1.8	1.8	1.9	17.4	17.4	17.7	29.2	29.2	27.9	3
9.8	10.0	10.0	26.9	24.7	25.0	4.7	4.7	4.7	16.3	16.3	16.1	17.1	16.9	18.2	4
4.4	4.4	4.4	15.6	15.6	14.6	4.3	4.3	4.0	10.2	10.1	10.0	17.3	17.3	17.3	5
1.5	1.5	1.5	5.7	5.7	5.6	1.2	1.2	1.1	3.2	3.2	3.2	12.2	12.0	11.7	6
8.2	7.9	7.7	12.8	12.4	11.8	2.5	2.5	2.4	10.6	10.3	10.0	32.3	32.1	31.6	7
28.0	27.8	26.6	111.7	111.3	104.2	26.1	25.9	24.2	81.0	82.0	76.2	113.5	113.6	109.8	8
16.0	15.9	15.1	70.8	70.7	65.7	19.0	18.8	17.6	47.7	48.6	44.9	53.6	53.4	51.8	9
5.5	5.5	5.3	20.8	20.7	19.4	4.0	3.9	3.7	17.6	18.0	16.4	26.0	26.5	24.9	10
29.8	30.1	29.9	103.4	102.6	100.9	20.8	20.6	19.8	71.7	71.3	69.0	99.0	98.6	95.2	11
1.9	1.9	1.9	4.4	4.4	4.4	.6	.5	.5	3.1	3.1	3.0	5.6	5.6	5.4	12
2.5	2.5	2.6	8.7	8.7	8.5	1.4	1.4	1.4	6.5	6.4	6.1	5.8	5.7	5.9	13
9.4	9.2	8.9	25.3	25.4	25.1	8.5	8.5	8.3	17.4	17.5	17.5	23.2	23.2	23.4	14
3.2	3.2	3.1	4.6	4.6	4.5	.9	.9	.8	3.2	3.1	3.0	5.8	5.8	5.6	15
458.8	455.3	438.2	1,467.7	1,449.3	1,402.4	359.2	357.4	342.4	1,186.2	1,176.8	1,130.1	1,398.5	1,396.9	1,337.4	16
12.0	11.9	11.5	91.1	90.0	82.8	18.1	18.0	16.6	61.8	61.6	57.9	63.6	63.4	58.3	17
6.1	5.9	6.2	20.5	19.9	20.1	2.9	2.9	2.9	14.6	14.3	13.7	25.5	25.6	25.4	18
7.9	7.8	8.0	29.2	28.3	28.6	5.5	5.5	5.3	19.4	19.3	18.8	27.1	27.0	26.1	19
176.1	175.8	167.0	614.5	609.5	594.9	159.4	158.7	153.4	512.5	509.8	491.1	402.3	402.7	387.6	20
4.1	3.9	3.9	19.5	19.1	17.8	3.0	3.0	3.0	13.9	13.8	12.7	28.7	28.5	27.1	21
18.2	18.0	18.0	51.6	51.3	49.7	10.0	10.1	10.0	35.4	35.5	33.7	107.7	107.9	103.9	22
17.5	17.4	17.1	61.9	61.6	58.6	9.5	9.4	9.2	52.5	53.0	50.6	74.5	74.3	71.7	23
19.6	19.3	18.2	78.2	77.5	72.5	16.0	15.9	15.0	64.3	63.8	61.4	95.1	94.5	89.2	24
133.2	132.5	127.2	259.2	257.9	250.8	95.5	94.9	90.4	208.8	208.3	201.8	274.9	274.7	266.1	25
15.2	15.1	14.6	66.7	65.9	62.1	12.7	12.7	11.8	72.6	72.1	67.7	56.7	57.0	54.2	26
3.6	3.6	3.4	17.8	17.8	16.9	2.8	2.8	2.8	19.0	18.8	18.4	21.3	21.0	20.1	27
2.5	2.5	2.5	11.5	11.2	10.7	3.2	3.1	3.0	8.1	7.9	7.7	12.7	12.8	12.1	28
6.5	6.8	6.6	19.1	18.7	18.3	2.9	2.9	2.9	14.5	14.2	13.4	24.6	24.7	23.8	29
3.4	3.4	3.4	11.4	11.2	11.2	1.7	1.7	1.7	9.8	9.7	9.2	30.8	30.8	30.1	30
50.2	49.8	48.3	165.0	164.1	158.2	36.4	36.2	34.8	121.0	120.5	115.6	173.5	173.6	166.8	31
34.8	34.7	33.6	112.6	111.8	107.5	27.9	27.6	26.5	81.4	80.8	78.6	82.2	82.2	81.0	32
51.2	50.8	50.6	213.6	212.9	207.9	68.1	68.3	66.9	165.4	163.6	166.6	149.4	148.9	137.4	33
6.2	6.2	5.9	26.6	26.6	25.5	4.5	4.4	4.3	18.8	18.6	18.0	13.0	13.0	12.8	34
11.3	11.3	11.1	60.3	60.0	57.3	40.0	40.1	38.5	45.2	45.2	40.5	39.5	39.2	37.9	35
1.8	1.8	1.8	7.5	7.3	7.1	1.1	1.1	1.0	5.3	5.3	5.1	4.5	4.5	4.3	36
13.4	13.6	13.7	29.6	29.7	29.5	7.9	7.8	7.5	30.5	30.3	30.3	18.7	18.6	18.0	37
3.0	2.9	2.9	16.9	16.7	16.3	3.9	3.9	3.9	16.1	15.9	15.8	7.3	7.2	7.0	38
3.1	3.1	3.0	12.2	12.3	11.3	2.0	2.0	1.9	10.0	10.0	9.5	8.2	8.1	8.0	39
11.0	11.1	11.5	42.7	42.8	40.0	8.4	8.5	8.2	29.2	28.0	27.1	29.9	30.3	28.8	40
9.8	9.8	10.2	34.8	34.9	34.0	7.5	7.6	7.4	25.2	24.0	24.4	25.3	25.7	24.7	41
(*)	30.6	29.8	(*)	87.1	86.5	(*)	31.4	31.4	(*)	133.1	129.7	(*)	358.2	352.7	42
(*)	59.8	56.5	(*)	213.9	210.7	(*)	61.7	61.1	(*)	231.3	225.6	(*)	418.5	410.3	43
19.0	18.9	18.4	54.3	53.7	51.9	13.7	13.5	13.3	43.7	43.2	41.9	79.2	79.2	75.8	44
143.2	144.5	134.8	513.9	522.0	500.3	117.1	115.9	110.5	361.9	371.1	344.9	395.5	394.7	371.7	45
7.1	7.1	6.5	41.0	42.8	39.3	9.6	9.6	8.7	29.4	31.9	27.5	22.9	22.8	21.1	46
19.2	19.3	19.2	51.9	51.7	50.0	17.4	17.4	16.4	27.9	28.0	27.4	33.8	33.7	32.8	47
51.3	51.1	48.9	125.0	125.6	117.7	29.3	29.6	28.4	101.7	104.4	96.6	55.8	55.2	56.4	48
7.7	7.6	6.9	38.3	38.6	35.8	8.7	8.6	7.8	21.6	21.4	20.2	20.8	20.7	19.1	49
3.4	3.5	3.4	13.8	13.6	12.9	2.4	2.4	2.4	8.5	8.3	8.0	18.0	18.0	17.9	50
19.4	19.3	19.1	82.3	83.8	79.0	15.8	15.8	15.5	50.7	52.1	46.8	43.3	43.2	42.2	51
4.6	4.6	4.2	28.0	27.6	24.2	6.3	6.5	5.7	18.4	20.6	17.1	15.8	15.8	15.1	52
102.2	102.1	95.8	306.8	308.2	294.8	70.2	70.3	68.3	170.7	170.9	166.5	277.0	276.5	269.0	53
56.8	56.9	53.0	151.0	151.4	143.4	39.5	39.6	38.6	83.3	83.3	79.8	82.4	82.8	81.0	54

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968
1	GEORGIA (continued)												
1	Augusta .....	88.2	88.2	85.8	(1)	(1)	(1)	6.6	6.4	7.0	30.6	30.6	29.3
2	Columbus .....	68.6	68.7	68.4	(1)	(1)	(1)	4.2	4.3	4.3	18.9	18.9	19.1
3	Macon .....	78.2	78.0	75.1	(1)	(1)	(1)	4.4	4.1	3.9	15.7	15.6	15.1
4	Savannah .....	66.5	66.3	62.8	(1)	(1)	(1)	3.6	3.5	3.8	17.5	17.7	16.7
5	HAWAII .....	266.2	264.7	251.9	(1)	(1)	(1)	20.3	20.3	18.4	24.3	24.1	24.5
6	Honolulu .....	226.1	224.6	213.3	(1)	(1)	(1)	17.6	17.6	15.9	17.8	17.4	17.8
7	IDAHO .....	196.8	194.2	190.4	3.6	3.5	3.2	10.0	9.4	9.3	38.8	38.4	36.3
8	Boise .....	37.4	37.0	35.5	(1)	(1)	(1)	2.3	2.2	1.9	4.4	4.3	3.9
9	ILLINOIS .....	4,351.9	4,334.8	4,251.4	24.4	23.6	23.8	202.5	194.3	191.0	1,376.4	1,383.5	1,374.9
10	Chicago <sup>5</sup> .....	(*)	2,989.9	2,933.6	(*)	4.7	5.0	(*)	123.4	123.1	(*)	967.0	961.0
11	Chicago-Northwestern Indiana .....	(*)	3,205.0	3,149.8	(*)	4.8	5.1	(*)	136.5	137.3	(*)	1,071.4	1,067.5
12	Davenport-Rock Island-Moline .....	(*)	136.4	133.0	(*)	(2)	(2)	(*)	7.0	7.3	(*)	46.8	46.7
13	Peoria .....	(*)	129.7	126.3	(*)	(2)	(2)	(*)	7.8	8.1	(*)	48.4	47.1
14	Rockford .....	(*)	111.5	109.1	(*)	(2)	(2)	(*)	4.8	5.1	(*)	57.5	57.0
15	INDIANA .....	1,861.5	1,853.0	1,804.7	7.7	7.8	7.7	95.3	90.5	82.7	732.1	733.2	713.7
16	Evansville .....	86.5	86.0	86.9	1.6	1.7	1.7	4.1	4.1	4.2	33.6	33.3	33.6
17	Fort Wayne .....	116.8	116.0	111.8	(1)	(1)	(1)	5.5	4.9	5.2	45.2	45.0	43.7
18	Gary-Hammond-East Chicago <sup>5</sup> .....	217.4	215.1	216.2	(1)	(1)	(1)	13.6	13.1	14.2	105.3	104.4	106.5
19	Indianapolis .....	421.9	418.8	409.0	(1)	(1)	(1)	18.8	18.4	17.8	136.8	136.7	132.9
20	Muncie .....	46.2	46.0	45.2	(1)	(1)	(1)	2.1	2.0	1.9	18.2	18.2	18.1
21	South Bend .....	94.2	94.5	96.2	(1)	(1)	(1)	3.9	3.7	3.9	34.4	35.2	36.5
22	Terre Haute .....	53.9	53.2	51.9	.8	.8	.9	2.8	2.3	2.0	14.2	14.0	14.0
23	IOWA .....	875.9	874.6	855.6	3.6	3.5	3.6	39.9	38.7	37.9	219.1	222.3	220.7
24	Cedar Rapids .....	66.1	66.6	66.0	(1)	(1)	(1)	2.2	2.8	3.0	27.6	27.8	27.5
25	Des Moines .....	127.1	126.4	124.3	(1)	(1)	(1)	6.1	5.5	5.4	25.9	26.5	26.5
26	Dubuque .....	33.5	33.2	31.7	(1)	(1)	(1)	1.4	1.4	1.4	13.8	13.7	13.2
27	Sioux City .....	40.9	41.4	41.6	(1)	(1)	(1)	2.0	1.9	2.1	8.4	9.1	9.6
28	Waterloo .....	49.7	50.6	50.0	(1)	(1)	(1)	2.1	2.5	2.2	19.1	19.8	20.5
29	KANSAS .....	691.0	690.1	680.2	11.1	11.0	11.4	38.7	37.1	34.0	141.3	143.0	147.4
30	Topeka .....	60.2	59.7	57.9	.1	.1	.1	3.7	3.4	3.5	9.1	9.1	8.7
31	Wichita .....	145.1	145.3	147.6	2.4	2.4	2.4	6.9	6.8	6.1	48.6	49.0	53.3
32	KENTUCKY .....	869.2	868.5	849.9	25.7	25.9	25.7	53.3	51.4	51.0	229.0	230.7	228.3
33	Lexington .....	(*)	75.1	73.1	(*)	(1)	(1)	(*)	4.4	5.2	(*)	16.6	16.0
34	Louisville .....	329.7	327.2	311.6	(1)	(1)	(1)	17.3	16.5	16.7	122.5	123.3	112.3
35	LOUISIANA .....	1,055.8	1,052.7	1,028.3	52.5	52.5	51.2	89.4	88.4	90.7	178.9	178.2	175.4
36	Baton Rouge .....	99.9	99.8	102.1	.7	.7	.7	12.2	12.1	14.9	18.0	18.0	17.8
37	Lake Charles .....	40.9	40.4	40.9	1.2	1.2	1.1	5.3	5.4	6.3	9.0	8.6	8.9
38	Monroe .....	38.5	38.4	36.5	.3	.4	.4	4.5	4.4	4.2	6.9	6.9	6.5
39	New Orleans .....	373.2	371.5	367.3	14.2	14.3	13.8	26.0	25.9	25.3	56.1	55.8	56.9
40	Shreveport .....	93.6	93.2	88.9	4.2	4.1	4.3	7.1	7.1	6.6	17.3	17.0	15.4
41	MAINE .....	326.3	320.2	319.7	(1)	(1)	(1)	14.5	12.1	14.6	115.2	114.6	115.2
42	Lewiston-Auburn .....	28.8	28.8	29.0	(1)	(1)	(1)	1.4	1.3	1.4	13.6	13.9	14.3
43	Portland .....	64.0	63.0	61.3	(1)	(1)	(1)	3.5	3.1	3.1	15.6	15.7	15.1
44	MARYLAND <sup>3</sup> .....	1,268.6	1,263.1	1,219.9	1.8	1.8	1.8	82.7	79.4	82.0	275.3	279.7	277.1
45	Baltimore .....	792.2	792.1	773.9	.3	.3	.3	43.1	40.4	42.8	202.4	207.2	207.4
46	MASSACHUSETTS .....	2,239.6	2,228.5	2,181.5	(1)	(1)	(1)	93.4	93.8	92.0	685.3	686.3	688.8
47	Boston .....	1,279.2	1,271.2	1,240.9	(1)	(1)	(1)	49.8	50.0	50.6	295.3	294.1	297.4
48	Brockton .....	49.7	49.8	48.3	-	-	-	2.0	1.9	2.0	17.0	17.1	17.4
49	Fall River .....	45.9	45.7	44.8	(1)	(1)	(1)	(1)	(1)	(1)	22.1	22.2	21.5
50	Lawrence-Haverhill .....	80.9	81.0	81.2	(1)	(1)	(1)	2.0	1.8	2.1	38.4	38.3	40.7
51	Lowell .....	52.1	52.0	50.0	(1)	(1)	(1)	2.1	1.9	2.3	20.3	20.5	19.3
52	New Bedford .....	55.6	55.3	54.0	(1)	(1)	(1)	1.8	1.7	1.8	27.1	27.3	26.7
53	Springfield-Chicopee-Holyoke .....	196.0	195.3	189.3	(1)	(1)	(1)	7.8	7.0	7.7	72.6	73.0	71.4
54	Worcester .....	130.3	130.2	127.6	(1)	(1)	(1)	5.2	5.2	5.2	48.6	48.4	48.4

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

# 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			
May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	
4.0	3.9	3.8	14.9	15.1	14.6	3.2	3.1	2.9	8.8	9.1	8.9	20.1	20.0	19.3	1
3.3	3.2	3.1	13.1	13.1	12.9	3.6	3.6	3.5	8.4	8.4	8.5	17.1	17.2	17.0	2
3.4	3.4	3.1	14.1	14.2	13.3	3.9	3.9	3.6	8.5	8.5	8.4	28.2	28.3	27.7	3
7.1	7.1	6.3	15.0	14.8	13.4	3.0	3.0	2.9	8.5	8.5	8.2	11.8	11.7	11.5	4
21.5	21.4	20.1	61.4	61.5	58.1	15.4	15.1	14.5	51.7	51.1	47.5	71.6	71.2	68.8	5
18.1	18.0	17.0	52.7	52.7	49.6	14.2	14.0	13.4	42.7	42.2	39.3	63.0	62.7	60.3	6
13.9	13.7	14.1	46.3	45.7	45.8	7.4	7.4	7.4	30.1	29.7	29.1	46.7	46.4	45.2	7
3.2	3.2	3.1	10.2	10.1	9.9	2.5	2.5	2.4	6.0	6.0	5.6	8.8	8.7	8.7	8
291.6	289.9	275.6	938.0	932.7	918.7	226.2	225.5	219.6	675.5	670.2	651.6	617.2	615.1	596.0	9
(*)	209.2	198.0	(*)	666.4	651.3	(*)	177.3	172.0	(*)	494.3	482.6	(*)	347.5	340.6	10
(*)	222.7	210.8	(*)	701.8	686.5	(*)	183.0	177.7	(*)	515.9	503.6	(*)	368.8	361.4	11
(*)	7.3	7.0	(*)	29.9	28.6	(*)	5.1	5.1	(*)	18.5	17.0	(*)	21.9	21.4	12
(*)	7.4	6.9	(*)	28.0	27.3	(*)	5.0	4.9	(*)	18.5	17.9	(*)	14.7	14.0	13
(*)	3.5	3.2	(*)	20.8	20.4	(*)	3.0	3.0	(*)	13.4	12.6	(*)	8.5	7.8	14
97.9	97.8	96.2	355.9	353.7	344.3	73.5	73.5	71.5	208.0	206.1	201.3	291.1	290.5	287.3	15
5.1	5.1	5.1	18.9	18.7	19.0	3.3	3.3	3.3	12.0	11.9	12.1	7.9	7.9	7.9	16
7.9	7.9	7.8	25.9	26.0	24.6	6.1	6.0	5.8	15.0	15.0	14.3	11.2	11.2	10.4	17
13.6	13.5	12.8	35.7	35.4	35.2	5.8	5.7	5.7	21.9	21.7	21.0	21.5	21.3	20.8	18
27.9	27.4	26.9	92.7	91.7	90.4	28.9	28.9	27.7	51.9	50.6	50.3	64.9	65.1	63.0	19
2.4	2.4	2.3	8.7	8.6	8.4	1.4	1.4	1.4	5.1	5.1	4.9	8.3	8.3	8.2	20
4.8	4.7	4.7	20.1	20.0	20.1	4.8	4.8	4.7	15.9	15.8	16.0	10.3	10.3	10.3	21
4.2	4.2	4.2	12.9	12.9	12.6	1.8	1.8	1.8	6.4	6.4	6.2	10.8	10.8	10.2	22
50.5	50.0	50.3	210.2	208.8	201.9	40.3	40.0	38.8	143.4	142.2	139.4	168.8	169.0	163.0	23
3.2	3.2	3.1	12.9	12.8	13.0	3.1	3.1	3.1	10.2	10.1	9.9	6.9	6.8	6.4	24
9.2	9.0	9.0	31.8	31.6	31.4	14.3	14.2	13.4	21.6	21.3	21.2	18.3	18.3	17.4	25
1.9	1.8	1.7	7.0	6.9	6.2	.9	.9	.8	6.2	6.2	6.2	2.4	2.4	2.2	26
3.3	3.3	3.3	11.7	11.7	11.7	2.0	2.0	1.9	8.0	8.0	7.8	5.4	5.4	5.2	27
2.4	2.4	2.5	10.0	10.0	9.5	1.4	1.4	1.3	7.2	7.1	7.0	7.5	7.4	7.0	28
51.2	51.0	51.5	154.1	153.5	150.4	29.0	29.0	28.0	100.4	100.2	95.9	165.2	165.3	161.6	29
7.3	7.3	7.1	12.9	12.9	12.2	3.6	3.6	3.5	9.4	9.3	9.0	14.2	14.3	14.0	30
7.5	7.5	7.8	30.8	30.9	30.9	6.5	6.4	6.3	23.2	23.2	22.4	19.2	19.3	18.5	31
60.6	60.4	59.1	179.3	179.0	173.1	33.9	34.3	33.0	122.0	120.4	117.0	165.4	166.6	162.7	32
(*)	3.8	3.8	(*)	14.1	14.5	(*)	3.5	3.3	(*)	12.0	11.1	(*)	20.6	19.2	33
22.5	22.4	21.9	67.0	66.7	63.9	16.3	16.3	15.8	46.2	44.3	44.3	37.9	37.7	36.8	34
96.1	96.0	91.6	230.0	230.2	222.2	47.8	47.7	45.8	148.7	147.7	145.3	212.4	212.0	206.1	35
5.2	5.1	5.0	21.3	21.3	20.6	5.1	5.0	5.1	13.8	13.8	13.6	23.6	23.8	24.2	36
3.3	3.1	3.1	8.1	8.1	8.0	1.5	1.5	1.4	5.6	5.6	5.4	6.9	6.9	6.7	37
2.3	2.3	2.2	9.4	9.4	9.4	2.7	2.6	2.1	5.0	5.0	4.9	7.4	7.4	6.8	38
47.2	47.1	46.5	87.9	87.5	86.8	22.0	21.9	21.4	66.7	66.7	64.8	53.0	52.4	51.6	39
9.3	9.3	9.0	23.1	23.1	22.3	4.5	4.4	4.3	13.5	13.5	13.0	14.6	14.6	14.2	40
17.3	17.1	16.0	62.4	61.4	61.3	11.7	11.6	11.2	40.4	39.6	39.4	64.8	63.8	62.0	41
.9	.9	.8	5.8	5.8	5.7	.9	.9	.8	4.3	4.1	4.1	1.9	1.9	1.9	42
5.2	5.1	4.7	17.1	16.7	16.6	5.1	5.1	4.8	10.2	10.0	9.9	7.3	7.3	7.1	43
79.1	78.9	75.9	290.5	287.6	275.1	66.6	66.0	62.5	229.2	225.4	215.0	243.4	244.3	230.5	44
56.9	56.7	54.7	165.2	164.4	159.6	42.2	42.1	40.1	131.3	129.9	125.1	150.8	151.1	143.9	45
114.5	114.1	97.4	474.5	468.8	463.8	124.0	123.9	119.8	454.9	449.2	432.6	293.0	292.4	287.1	46
73.1	72.6	59.0	289.0	286.1	283.2	89.9	89.9	87.0	310.9	307.6	296.1	171.2	170.9	167.6	47
3.2	3.2	2.6	12.2	12.4	11.8	1.4	1.4	1.3	6.3	6.2	5.8	7.6	7.6	7.4	48
1.7	1.7	1.5	9.0	9.0	9.0	(1)	(1)	(1)	8.6	8.4	8.3	4.5	4.4	4.5	49
2.3	2.3	1.7	14.8	14.7	14.3	2.4	2.4	2.3	9.9	9.8	9.6	11.1	11.7	10.5	50
1.9	2.0	1.6	10.7	10.7	10.2	1.5	1.4	1.4	8.9	8.8	8.5	6.7	6.7	6.7	51
2.6	2.6	2.0	9.9	9.7	9.6	(1)	(1)	(1)	9.6	9.4	9.4	4.6	4.6	4.5	52
8.2	8.2	6.2	39.7	39.5	38.5	9.1	9.1	9.0	34.3	34.0	32.6	24.3	24.5	23.9	53
6.5	6.5	5.8	25.6	25.6	25.0	6.7	6.7	6.4	22.1	21.9	21.2	15.6	15.9	15.6	54

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968
1	MICHIGAN.....	2,966.5	2,931.1	2,847.2	13.6	12.6	13.8	104.8	104.2	63.1	1,137.4	1,118.0	1,118.1
2	Ann Arbor.....	102.3	101.2	96.2	(1)	(1)	(1)	3.7	3.5	1.8	36.2	34.6	35.4
3	Battle Creek.....	56.7	57.0	56.1	(1)	(1)	(1)	2.2	2.0	1.8	25.1	25.7	25.1
4	Bay City.....	29.6	29.9	28.8	(1)	(1)	(1)	1.1	1.2	.6	12.5	12.7	12.1
5	Detroit.....	1,490.7	1,459.3	1,410.4	1.2	1.1	.9	52.4	51.9	24.2	605.0	583.2	594.1
6	Flint.....	158.8	160.6	151.3	(1)	(1)	(1)	6.3	6.6	3.8	84.7	86.6	82.9
7	Grand Rapids.....	179.6	178.7	173.6	(1)	(1)	(1)	9.3	9.0	6.0	73.9	74.5	73.5
8	Jackson.....	46.1	45.6	45.0	(1)	(1)	(1)	2.2	2.0	1.7	19.6	19.5	19.1
9	Kalamazoo.....	70.3	71.6	67.7	(1)	(1)	(1)	3.7	3.7	2.6	29.7	29.6	29.4
10	Lansing.....	130.5	129.5	126.4	(1)	(1)	(1)	6.2	6.1	4.0	38.9	38.9	39.2
11	Muskegon-Muskegon Heights.....	51.1	50.6	49.8	(1)	(1)	(1)	2.3	2.2	.9	26.4	26.1	26.7
12	Saginaw.....	71.3	71.2	68.1	(1)	(1)	(1)	3.7	3.7	2.7	32.3	32.4	31.1
13	MINNESOTA.....	1,281.2	1,263.8	1,238.2	15.5	14.8	15.8	66.5	59.8	64.9	315.0	314.3	306.9
14	Duluth-Superior.....	56.9	56.2	55.6	(1)	(1)	(1)	2.7	2.5	2.7	10.2	10.2	9.8
15	Minneapolis-St. Paul.....	766.8	760.2	744.7	(1)	(1)	(1)	38.7	36.5	38.6	213.9	213.7	208.3
16	MISSISSIPPI.....	562.9	559.1	547.7	6.2	6.1	6.1	32.2	30.5	30.8	178.1	177.2	172.6
17	Jackson.....	88.8	88.7	85.8	.8	.8	.8	6.2	6.1	5.8	14.3	14.3	13.5
18	MISSOURI.....	1,630.9	1,638.8	1,618.9	9.0	8.8	8.4	70.3	69.7	72.2	443.5	454.0	453.5
19	Kansas City.....	491.2	497.5	495.2	.5	.6	.6	14.3	21.0	25.8	126.3	126.8	130.1
20	St. Joseph.....	32.2	31.6	31.3	(2)	(2)	(2)	2.1	1.5	1.5	10.0	10.0	10.1
21	St. Louis.....	894.0	905.4	886.5	2.4	2.4	2.4	42.0	41.2	41.8	281.2	293.1	290.2
22	Springfield.....	53.3	53.1	52.3	.1	.1	.1	2.4	2.4	2.5	15.1	15.1	15.4
23	MONTANA.....	197.0	193.5	195.4	5.5	5.6	5.9	11.9	11.2	12.1	23.2	22.4	23.3
24	Billings.....	27.8	27.7	27.0	(1)	(1)	(1)	1.6	1.6	1.8	3.0	3.0	2.8
25	Great Falls.....	24.4	24.2	24.0	(1)	(1)	(1)	1.8	1.7	1.9	3.4	3.4	3.5
26	NEBRASKA.....	474.2	471.1	458.1	1.8	1.8	1.8	25.5	24.0	24.2	86.9	86.1	82.8
27	Lincoln.....	69.0	69.4	66.0	-	-	-	2.7	3.0	3.7	11.0	11.0	9.7
28	Omaha.....	201.7	199.1	195.7	(2)	(2)	(2)	11.5	10.7	11.5	39.0	38.8	38.3
29	NEVADA.....	184.3	182.1	175.5	4.0	4.0	3.7	11.3	11.1	9.2	7.3	7.2	6.9
30	Las Vegas.....	100.9	99.8	95.4	.2	.2	.2	6.1	6.0	4.8	3.9	3.9	3.7
31	Reno.....	51.0	50.2	47.8	.2	.2	.2	3.4	3.4	2.8	2.5	2.4	2.2
32	NEW HAMPSHIRE.....	247.5	243.7	240.4	.3	.3	.3	12.3	10.8	11.3	97.7	97.5	98.7
33	Manchester.....	48.4	48.0	47.4	(1)	(1)	(1)	2.5	2.2	2.0	17.1	17.2	17.9
34	NEW JERSEY.....	2,535.9	2,524.1	2,464.5	3.2	3.1	3.1	111.7	111.0	119.0	886.0	886.2	884.3
35	Atlantic City.....	61.7	60.4	61.3	-	-	-	3.6	3.6	3.8	11.0	10.9	11.1
36	Camden <sup>6</sup> .....	243.6	240.1	236.2	.1	.1	.1	13.4	13.0	13.1	75.5	74.9	77.9
37	Jersey City <sup>7</sup> .....	263.3	262.3	262.5	-	-	-	7.9	7.6	7.4	110.2	110.1	113.4
38	Newark <sup>7</sup> .....	786.5	786.0	762.7	.5	.5	.5	31.6	31.2	32.1	257.9	258.2	256.1
39	Paterson-Clifton-Passaic <sup>7</sup> .....	480.5	478.8	471.3	.4	.4	.3	19.7	20.9	21.6	188.6	187.7	187.0
40	Perth Amboy <sup>7</sup> .....	251.3	250.5	244.4	.8	.8	.7	12.0	11.8	11.6	108.3	108.3	110.9
41	Trenton.....	130.4	130.0	125.3	(1)	(1)	(1)	3.4	3.4	3.8	42.4	42.4	41.0
42	NEW MEXICO.....	278.3	276.8	275.0	16.0	15.9	16.0	16.3	15.9	17.8	18.8	18.7	17.6
43	Albuquerque.....	101.8	100.8	97.6	(1)	(1)	(1)	5.8	5.5	5.8	8.3	8.2	7.5
44	NEW YORK.....	7,156.9	7,096.2	7,013.2	8.6	8.3	8.8	269.5	251.4	272.6	1,878.0	1,872.9	1,874.9
45	Albany-Schenectady-Troy.....	270.7	268.7	267.6	(1)	(1)	(1)	11.9	10.2	11.9	63.8	63.6	65.0
46	Binghamton.....	104.4	103.5	104.7	(1)	(1)	(1)	4.2	3.6	5.3	45.0	44.9	44.6
47	Buffalo.....	503.6	496.8	495.2	(1)	(1)	(1)	21.8	19.0	21.7	176.6	177.8	178.3
48	Elmira.....	39.4	38.6	39.7	(1)	(1)	(1)	1.8	1.3	1.8	16.1	16.1	16.8
49	Monroe County <sup>8</sup> .....	299.9	298.2	296.8	(1)	(1)	(1)	12.8	12.5	15.3	133.9	133.9	132.6
50	Nassau and Suffolk Counties <sup>9</sup> .....	702.7	695.5	671.7	(1)	(1)	(1)	41.8	39.5	40.9	162.8	163.8	164.1
51	New York-Northeastern New Jersey.....	6,644.6	6,613.0	6,499.1	4.8	4.7	4.4	241.7	236.9	241.5	1,763.0	1,757.7	1,765.5
52	New York SMSA <sup>1</sup> .....	4,863.1	4,835.4	4,758.3	3.1	3.0	2.9	170.5	165.4	168.8	1,098.0	1,093.4	1,098.1
53	New York City <sup>9</sup> .....	3,803.9	3,786.9	3,737.3	2.4	2.4	2.2	107.4	105.4	105.8	841.9	836.3	842.6
54	Rochester.....	340.9	338.8	335.9	(1)	(1)	(1)	14.8	14.1	17.4	146.4	146.6	144.5
55	Rockland County <sup>9</sup> .....	56.2	55.7	54.4	(1)	(1)	(1)	3.0	2.9	3.4	15.4	15.4	15.0
56	Syracuse.....	228.9	223.8	221.9	(1)	(1)	(1)	12.6	11.0	11.9	67.4	65.8	66.5
57	Utica-Rome.....	117.2	115.2	114.1	(1)	(1)	(1)	3.7	3.0	3.8	44.2	44.1	42.5
58	Westchester County <sup>9</sup> .....	300.2	297.3	294.8	(1)	(1)	(1)	18.3	17.6	18.8	77.9	77.9	76.4

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

# 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			
May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	
143.5	146.4	135.2	555.7	548.1	546.2	107.3	106.0	103.3	386.2	382.4	382.4	517.9	513.5	485.2	1
1.9	1.9	1.9	12.9	12.9	12.2	2.1	2.1	2.1	9.5	9.4	9.0	36.1	36.9	34.0	2
2.4	2.4	2.5	9.7	9.6	9.6	3.3	3.3	3.3	6.2	6.2	6.0	7.8	7.8	7.7	3
1.5	1.5	1.6	6.5	6.5	6.6	.8	.7	.7	3.5	3.5	3.6	3.7	3.7	3.6	4
79.5	78.3	69.3	301.5	298.3	291.5	64.0	63.2	61.6	199.9	198.5	195.4	187.2	184.7	173.4	5
5.0	5.1	5.2	24.1	24.0	22.8	4.0	3.9	3.8	16.5	16.4	15.6	18.1	18.1	17.3	6
10.0	10.0	9.7	39.9	39.3	39.3	6.9	6.9	6.6	23.1	22.8	22.5	16.5	16.3	16.1	7
3.5	3.5	3.8	8.6	8.4	8.4	1.2	1.2	1.2	4.7	4.7	4.6	6.2	6.2	6.2	8
2.2	2.2	2.4	12.8	12.7	12.2	2.0	2.0	2.0	8.3	8.2	7.9	11.5	13.1	11.2	9
3.1	3.1	2.6	21.1	20.6	21.2	4.9	4.9	4.6	14.6	14.4	14.3	41.7	41.5	40.4	10
2.6	2.5	2.4	8.2	8.2	8.6	1.4	1.4	1.4	5.2	5.2	5.0	4.9	4.9	4.9	11
4.6	4.6	4.5	13.2	13.1	13.1	2.1	2.0	1.9	7.8	7.7	7.5	7.6	7.5	7.2	12
86.1	85.0	84.8	307.0	303.5	294.6	60.9	60.7	58.5	205.2	203.5	196.9	225.0	222.2	215.8	13
7.3	7.2	7.8	13.6	13.4	13.2	2.0	2.0	1.9	11.1	11.1	10.7	10.1	9.9	9.4	14
56.2	55.8	54.9	181.0	179.4	176.7	44.3	44.2	42.8	131.0	129.7	124.8	101.8	101.0	98.7	15
28.7	28.2	28.0	101.8	101.7	100.3	19.6	19.6	19.2	63.2	63.2	62.9	133.0	132.5	127.7	16
5.5	5.4	5.4	20.2	20.1	19.4	6.6	6.6	6.5	15.0	15.0	14.8	20.1	20.3	19.7	17
125.5	126.0	123.1	358.5	357.1	355.9	86.7	86.6	84.5	255.3	253.1	249.6	282.1	283.5	271.7	18
51.4	51.1	49.6	121.8	121.1	119.2	32.2	32.0	30.8	76.1	75.4	72.9	68.6	69.5	66.2	19
2.1	2.1	2.2	7.8	7.7	7.7	1.3	1.3	1.3	4.5	4.5	4.4	4.4	4.5	4.1	20
68.2	68.2	66.8	184.0	184.3	181.0	46.0	45.7	44.2	147.1	146.7	141.0	123.1	123.8	119.1	21
4.2	4.2	4.2	12.6	12.5	12.1	2.4	2.4	2.2	8.6	8.5	8.3	7.9	7.9	7.5	22
17.5	17.2	17.7	46.6	45.7	45.3	7.7	7.7	7.5	29.8	29.3	29.6	54.8	54.4	54.0	23
2.8	2.8	2.8	8.7	8.6	8.3	1.4	1.4	1.4	5.4	5.4	5.2	4.9	4.9	4.7	24
1.9	1.9	2.0	6.4	6.3	6.1	1.4	1.4	1.3	4.6	4.6	4.3	4.9	4.9	4.9	25
36.4	36.2	36.4	117.2	116.2	113.3	27.7	27.7	26.7	78.0	77.8	76.0	100.6	101.2	96.8	26
4.9	4.9	4.8	15.1	14.9	14.1	5.4	5.4	5.2	10.6	10.8	10.3	19.3	19.4	18.1	27
20.9	20.7	21.1	50.4	49.6	48.4	16.1	16.1	15.5	35.1	34.5	33.6	28.7	28.7	27.4	28
12.6	12.6	12.0	35.5	34.8	33.0	7.0	7.0	6.8	71.1	69.8	69.9	35.5	35.6	34.0	29
6.1	6.0	5.8	19.6	19.2	17.9	3.7	3.7	3.6	45.6	45.1	44.7	15.7	15.7	14.7	30
4.6	4.6	4.5	11.5	11.3	10.5	2.6	2.6	2.6	16.6	16.2	15.9	9.6	9.5	9.1	31
10.8	10.7	8.8	47.1	45.8	44.7	10.3	10.2	9.7	37.8	37.1	36.8	31.2	31.3	30.1	32
3.0	3.0	2.5	11.4	11.3	10.8	2.8	2.8	2.8	7.8	7.7	7.6	3.8	3.8	3.8	33
171.1	170.0	148.4	513.1	507.7	487.9	112.0	112.1	109.0	387.0	381.8	370.8	351.8	352.2	342.0	34
3.4	3.4	2.8	15.7	15.0	15.5	2.8	2.8	2.8	14.8	14.3	15.1	10.4	10.4	10.2	35
11.3	11.2	9.6	55.7	54.9	51.0	8.2	8.3	8.2	34.7	32.9	34.0	44.7	44.8	42.3	36
36.9	36.6	34.9	41.0	41.1	40.4	8.6	8.6	8.6	29.4	29.1	29.1	29.3	29.2	28.7	37
59.9	59.8	49.7	152.8	152.8	148.0	53.7	54.2	52.5	128.2	127.4	123.5	101.9	101.9	100.3	38
25.7	25.3	21.8	111.1	110.3	109.4	17.0	16.8	16.3	69.9	69.0	68.5	48.1	48.4	46.4	39
12.4	12.2	9.9	46.9	47.0	44.2	5.1	5.1	5.0	26.6	26.6	25.3	39.2	38.7	36.8	40
6.7	6.6	5.2	20.3	20.2	20.1	4.5	4.5	4.3	25.4	25.2	24.6	27.7	27.7	26.3	41
19.5	19.5	19.7	58.2	57.4	56.7	11.6	11.7	11.1	51.1	51.2	50.4	86.8	86.5	85.7	42
6.3	6.3	6.4	25.4	25.2	23.6	5.8	5.7	5.6	24.9	24.6	23.8	25.3	25.3	24.9	43
500.8	497.7	486.9	1,430.1	1,419.4	1,407.8	584.0	582.1	554.4	1,324.6	1,306.1	1,280.6	1,161.3	1,158.2	1,127.2	44
14.6	14.6	14.8	53.6	53.0	51.8	10.3	10.3	10.4	45.5	45.2	44.3	70.9	71.9	69.4	45
4.9	4.8	4.8	17.2	16.9	17.1	3.2	3.2	3.1	11.5	11.4	11.5	18.6	18.7	18.4	46
32.9	31.5	32.8	103.9	102.0	98.8	18.7	18.7	18.3	73.4	72.3	71.1	76.3	75.4	74.3	47
1.6	1.6	1.6	7.7	7.7	7.7	.9	1.0	.9	5.9	5.7	5.7	5.4	5.3	5.2	48
11.4	11.3	11.1	54.6	53.7	53.1	10.7	10.6	10.2	45.6	45.3	44.3	31.1	31.0	30.3	49
29.9	29.7	27.4	180.3	177.7	167.2	28.6	28.5	27.6	127.6	125.0	119.4	131.7	131.3	125.3	50
514.8	512.7	483.8	1,358.3	1,353.3	1,330.4	585.5	584.8	557.5	1,226.1	1,215.1	1,188.1	950.4	947.8	927.9	51
379.9	378.7	367.5	1,006.4	1,002.1	988.4	501.1	500.1	475.1	972.0	963.1	941.7	732.0	729.6	715.7	52
329.0	328.1	319.8	750.4	748.9	747.2	457.6	456.9	432.9	770.6	765.7	750.4	544.6	543.1	536.4	53
13.3	13.3	12.8	61.7	60.8	60.3	11.7	11.6	11.1	50.5	50.2	48.7	42.4	42.3	41.2	54
3.1	3.1	3.0	9.6	9.5	9.3	1.8	1.7	1.7	9.6	9.7	9.0	13.8	13.5	13.0	55
14.3	14.1	14.1	48.5	47.9	46.5	11.0	11.0	10.7	38.0	36.8	36.4	37.1	37.1	35.8	56
5.2	5.1	5.1	19.3	19.0	18.7	4.5	4.4	4.3	13.7	13.1	13.8	26.6	26.4	25.9	57
17.9	17.8	17.3	66.1	66.0	64.7	13.1	13.0	12.9	64.9	63.3	63.7	41.9	41.7	41.1	58

# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968
1	<b>NORTH CAROLINA</b> .....	1,669.7	1,669.3	1,632.3	3.6	3.6	3.6	94.1	91.5	91.2	684.4	687.8	674.9
2	Asheville .....	-	-	-	-	-	-	-	-	-	18.8	19.2	18.4
3	Charlotte .....	171.5	171.0	163.7	(1)	(1)	(1)	13.0	12.5	11.5	40.3	41.0	40.4
4	Greensboro-Winston-Salem-High Point	250.5	250.4	244.6	(1)	(1)	(1)	13.2	12.7	12.1	109.7	110.1	108.6
5	Raleigh .....	-	-	-	-	-	-	-	-	-	13.8	14.0	12.8
6	<b>NORTH DAKOTA</b> .....	155.8	153.3	154.1	1.9	1.9	1.8	7.9	6.3	8.6	8.4	8.3	8.9
7	Fargo-Moorhead .....	39.9	39.3	38.5	(1)	(1)	(1)	2.8	2.3	2.6	2.8	2.7	2.6
8	<b>OHIO</b> .....	3,881.4	3,853.9	3,746.9	19.9	19.7	19.3	184.3	174.0	167.9	1,451.1	1,451.9	1,426.7
9	Akron .....	247.3	246.8	237.9	.2	.2	.2	9.4	8.5	8.5	99.7	100.4	98.6
10	Canton .....	136.1	135.5	132.1	.3	.3	.3	5.6	5.6	5.3	62.3	62.3	62.0
11	Cincinnati .....	501.1	496.2	485.6	.4	.4	.4	23.4	22.2	22.4	170.6	168.5	167.5
12	Cleveland .....	863.0	857.3	842.6	-1.5	1.5	1.5	40.0	37.9	37.2	311.1	311.1	313.6
13	Columbus .....	369.7	365.8	353.7	.8	.8	.8	20.6	19.3	19.0	92.1	91.9	89.2
14	Dayton .....	329.5	326.8	315.8	.5	.5	.5	12.5	11.7	10.2	132.0	131.6	127.5
15	Toledo .....	241.5	239.9	229.7	.3	.3	.3	11.6	10.9	8.7	83.5	83.5	80.3
16	Youngstown-Warren .....	196.2	195.1	188.9	.4	.4	.4	8.6	8.2	8.1	91.3	91.4	88.1
17	<b>OKLAHOMA</b> .....	741.8	740.8	724.0	39.2	39.8	40.8	33.6	33.8	34.5	124.5	123.0	120.5
18	Oklahoma City .....	243.8	243.3	234.4	6.8	6.8	6.7	12.3	12.2	11.6	34.0	33.7	32.1
19	Tulsa .....	175.9	174.3	172.0	13.2	13.0	13.7	8.7	8.6	8.2	42.4	41.4	42.1
20	<b>OREGON</b> .....	696.8	689.8	664.8	1.4	1.4	1.6	34.1	32.0	30.4	173.1	172.1	164.8
21	Eugene .....	68.1	67.2	64.2	(1)	(1)	(1)	3.7	3.4	3.2	18.7	18.4	18.3
22	Portland .....	375.1	369.3	356.2	(1)	(1)	(1)	19.6	18.9	17.6	88.4	85.2	84.2
23	Salem .....	50.6	49.7	48.2	(1)	(1)	(1)	2.5	2.5	2.5	8.4	7.8	7.8
24	<b>PENNSYLVANIA</b> .....	4,318.3	4,291.5	4,256.7	39.1	38.9	39.4	201.2	190.5	199.6	1,558.2	1,556.0	1,562.1
25	Allentown-Bethlehem-Easton .....	213.1	211.6	211.6	.5	.5	.5	8.3	7.7	8.6	106.3	106.0	106.2
26	Alltoona .....	47.3	47.2	47.0	(1)	(1)	(1)	1.8	1.7	1.9	15.3	15.4	15.0
27	Erie .....	96.2	95.4	93.6	(1)	(1)	(1)	4.9	4.3	3.8	42.5	42.6	42.6
28	Harrisburg .....	171.4	169.8	164.9	(1)	(1)	(1)	10.2	9.8	8.2	38.7	38.6	39.3
29	Johnstown .....	78.4	77.4	78.7	4.7	4.8	5.1	3.7	3.5	3.4	25.7	25.4	26.1
30	Lancaster .....	117.3	116.8	114.7	(1)	(1)	(1)	6.1	5.9	5.8	56.3	56.5	54.9
31	Philadelphia .....	1,783.8	1,778.2	1,758.6	1.3	1.3	1.4	85.9	85.2	85.2	567.8	570.5	577.7
32	Pittsburgh .....	865.2	860.5	856.1	9.0	8.8	8.7	43.1	40.5	42.8	291.6	291.8	294.2
33	Reading .....	122.3	122.2	118.9	(1)	(1)	(1)	4.9	4.7	4.2	58.9	59.2	57.4
34	Scranton .....	85.2	84.5	86.0	.5	.5	.5	2.6	2.5	2.5	34.9	34.9	35.2
35	Wilkes-Barre-Hazleton .....	121.3	120.8	118.4	2.2	2.2	2.3	5.9	5.5	5.2	53.7	53.7	52.7
36	York .....	126.2	125.4	122.2	(1)	(1)	(1)	6.7	6.4	7.0	60.7	60.7	58.6
37	<b>RHODE ISLAND</b> .....	344.9	343.6	342.0	(1)	(1)	(1)	14.8	13.5	16.2	126.6	126.3	126.8
38	Providence-Pawtucket-Warwick .....	356.2	354.5	351.9	(1)	(1)	(1)	15.0	13.7	16.3	144.2	143.6	142.6
39	<b>SOUTH CAROLINA</b> .....	786.8	785.8	770.1	1.5	1.5	1.6	49.0	49.3	49.3	331.0	330.1	320.9
40	Charleston .....	86.4	86.6	84.9	(1)	(1)	(1)	5.1	4.9	5.7	16.3	16.3	15.1
41	Columbia .....	102.1	101.8	100.0	(1)	(1)	(1)	7.5	7.5	7.5	19.8	19.6	19.2
42	Greenville .....	120.8	120.6	118.2	(1)	(1)	(1)	10.2	10.1	10.1	55.6	55.7	54.4
43	<b>SOUTH DAKOTA</b> .....	170.1	166.9	167.4	2.2	2.2	2.3	8.7	6.7	8.4	15.7	15.5	16.0
44	Sioux Falls .....	33.6	33.1	32.8	(1)	(1)	(1)	1.7	1.4	1.5	6.1	6.1	6.0
45	<b>TENNESSEE</b> .....	1,302.3	1,298.1	1,264.4	7.4	7.3	7.1	70.5	68.6	63.7	464.4	464.2	452.4
46	Chattanooga .....	122.3	122.0	121.2	.2	.2	.2	4.6	4.6	5.8	51.6	51.8	50.7
47	Knoxville .....	148.5	147.5	143.5	1.8	1.8	1.8	7.7	6.6	6.6	48.8	48.4	47.9
48	Memphis .....	264.1	263.6	257.4	.2	.2	.2	13.8	13.2	13.5	61.1	61.4	59.3
49	Nashville .....	214.0	214.0	211.6	(1)	(1)	(1)	13.2	13.2	12.7	61.7	62.0	61.1
50	<b>TEXAS</b> .....	3,557.2	3,541.5	3,383.0	105.2	104.8	100.9	222.9	222.8	208.6	724.2	723.3	705.3
51	Amarillo .....	-	-	-	-	-	-	-	-	-	6.0	6.0	4.9
52	Austin .....	-	-	-	-	-	-	-	-	-	(*)	10.2	9.1
53	Beaumont-Port Arthur-Orange .....	-	-	-	-	-	-	-	-	-	36.0	35.5	34.7
54	Corpus Christi .....	-	-	-	-	-	-	-	-	-	11.1	11.0	10.6

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

# 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			
May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	
89.1	88.4	85.8	299.0	299.1	291.6	65.0	64.8	61.9	197.1	196.3	194.9	237.4	237.8	228.4	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18.3	18.4	17.8	44.0	43.6	42.5	11.8	11.7	10.9	24.3	24.1	22.9	19.8	19.7	17.7	3
14.7	14.5	13.8	43.8	44.1	43.0	11.6	11.7	11.5	28.8	28.5	27.5	28.7	28.8	28.1	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
12.3	12.2	12.0	42.9	42.7	41.9	6.7	6.8	6.7	28.8	28.8	28.1	46.8	46.4	46.2	6
3.2	3.1	3.1	12.1	12.0	11.9	2.2	2.3	2.2	8.0	8.1	7.6	8.8	8.8	8.5	7
222.7	220.2	214.5	750.4	745.1	722.1	151.1	150.2	145.3	547.5	539.7	517.6	554.3	553.0	533.4	8
14.5	14.5	14.6	48.2	48.0	45.8	6.7	6.7	6.4	32.5	32.1	31.4	36.0	36.3	32.3	9
7.1	7.0	6.8	25.1	25.0	23.9	4.6	4.6	4.4	18.1	17.8	17.4	13.0	12.9	11.9	10
35.2	34.9	34.1	104.8	104.2	101.3	24.9	24.9	24.6	74.4	73.3	71.4	67.4	67.8	63.8	11
52.1	51.5	49.8	178.9	177.8	171.1	40.6	40.5	39.2	131.9	129.9	126.4	106.7	107.1	103.8	12
20.4	20.3	19.6	75.8	75.4	72.4	23.6	23.4	22.3	58.7	58.2	56.2	77.6	76.6	74.3	13
12.4	12.2	11.9	58.2	57.5	56.2	9.2	9.1	8.7	45.5	45.0	43.9	59.3	59.2	57.1	14
17.7	17.3	16.9	49.9	49.7	48.5	7.7	7.7	7.4	37.3	37.1	35.4	33.6	33.3	32.2	15
10.3	10.2	9.8	35.1	35.1	33.7	5.4	5.4	5.1	26.1	25.7	24.6	19.0	18.8	19.2	16
52.3	52.3	51.1	162.1	162.3	158.7	35.1	35.1	34.1	108.2	108.3	103.3	186.8	186.2	181.0	17
16.1	16.1	15.5	53.3	53.4	51.8	15.3	15.2	14.3	36.1	35.7	34.6	69.9	70.2	67.8	18
16.5	16.5	16.0	39.4	39.4	38.8	8.8	8.8	8.5	29.0	28.8	26.9	17.9	17.8	17.8	19
49.1	49.1	48.0	156.1	153.9	148.9	33.9	33.9	32.6	106.6	105.5	101.7	142.5	141.9	136.8	20
4.1	4.1	4.1	13.2	13.0	12.6	2.9	2.8	2.7	9.4	9.3	8.8	16.1	16.2	14.5	21
30.6	30.5	29.4	90.6	89.4	86.6	23.1	23.1	22.5	63.2	62.6	59.1	59.6	59.6	56.8	22
1.8	1.8	1.8	10.4	10.3	9.9	3.1	3.0	2.9	7.1	7.0	6.9	17.3	17.3	16.4	23
270.0	269.8	269.1	803.2	799.6	785.9	182.6	181.3	177.0	658.0	648.8	636.1	606.0	606.6	587.5	24
11.7	11.6	11.5	34.6	34.5	34.3	6.4	6.4	6.2	26.2	25.8	25.8	19.1	19.1	18.5	25
7.8	7.8	8.1	8.4	8.4	8.1	1.2	1.2	1.2	6.9	6.8	6.8	5.9	5.9	5.9	26
5.4	5.3	5.3	16.4	16.2	16.3	3.3	3.3	3.1	12.5	12.6	12.2	11.2	11.1	10.3	27
12.9	12.9	12.6	32.5	32.2	31.0	8.2	8.2	7.9	25.0	24.5	23.5	43.9	43.6	42.4	28
5.2	5.1	5.2	12.9	12.7	13.4	2.0	1.9	2.0	12.0	11.8	11.5	12.2	12.2	12.0	29
5.5	5.5	5.3	20.6	20.4	20.4	2.7	2.7	2.6	16.0	15.7	16.0	10.1	10.1	9.7	30
109.9	109.5	108.0	361.4	358.0	351.9	96.9	96.5	94.7	302.7	298.6	291.2	257.9	258.6	248.5	31
57.7	57.6	58.6	166.2	165.2	165.4	37.7	37.2	36.3	155.3	154.5	148.3	104.6	104.9	101.8	32
6.5	6.4	6.4	18.7	18.7	18.4	4.7	4.7	4.5	16.0	15.9	15.8	12.6	12.6	12.2	33
5.2	5.0	5.3	16.4	16.3	16.9	2.5	2.5	2.5	13.8	13.5	13.6	9.3	9.3	9.5	34
6.5	6.5	6.5	19.9	20.0	19.8	4.2	4.2	3.8	13.8	13.6	13.3	15.1	15.1	14.8	35
5.6	5.6	5.6	22.2	22.2	21.6	2.8	2.8	2.6	14.9	14.5	14.1	13.3	13.2	12.7	36
15.6	15.5	12.8	66.4	66.5	65.1	14.9	15.1	14.7	54.2	54.4	54.3	52.4	52.3	52.1	37
15.0	14.9	12.5	66.4	66.5	65.6	15.0	15.1	14.6	52.6	52.8	52.6	48.0	47.9	47.7	38
34.2	33.8	32.7	129.3	129.7	126.9	27.1	27.0	26.2	76.9	76.8	76.7	137.8	137.6	135.8	39
5.3	5.3	5.3	16.5	16.8	16.2	3.3	3.3	3.3	9.4	9.5	9.8	30.5	30.5	29.5	40
6.4	6.4	6.0	20.4	20.6	20.3	6.0	6.0	5.6	13.2	13.2	13.0	28.8	28.5	28.4	41
4.5	4.4	4.4	19.5	19.5	19.9	4.5	4.4	4.3	11.8	11.7	11.6	14.7	14.8	13.5	42
10.2	10.3	10.3	45.5	45.1	44.5	7.2	7.2	7.1	30.8	30.3	29.5	49.8	49.6	49.3	43
3.0	3.0	3.1	9.5	9.5	9.5	2.4	2.4	2.0	6.4	6.3	6.3	4.4	4.4	4.4	44
64.8	63.6	62.5	244.2	245.6	241.4	52.4	52.6	51.7	171.2	171.0	168.6	227.4	225.2	217.0	45
6.2	6.2	6.3	22.1	21.9	21.8	7.0	6.9	6.7	14.4	14.2	14.6	16.2	16.2	15.1	46
6.6	6.5	6.4	30.8	30.4	30.6	4.9	4.9	4.7	19.5	19.6	18.4	28.3	28.2	27.1	47
19.8	19.9	19.2	66.2	66.7	65.5	13.7	13.8	13.5	43.1	41.8	40.3	46.2	46.6	45.9	48
12.6	12.6	12.3	45.6	45.7	45.9	13.1	12.9	12.6	35.1	35.1	34.9	32.7	32.5	32.1	49
262.1	259.2	244.4	827.2	823.5	794.6	182.2	180.8	171.9	558.3	556.1	523.9	675.1	671.0	633.4	50
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	52
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54



# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

## B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968
1	TEXAS (continued)												
2	Dallas	605.4	604.6	577.3	8.0	8.0	7.9	34.2	34.4	27.9	167.9	167.2	158.7
3	El Paso	-	-	-	-	-	-	-	-	-	(*)	23.0	20.2
4	Fort Worth	-	-	-	-	-	-	-	-	-	89.8	89.8	91.0
5	Galveston-Texas City	-	-	-	-	-	-	-	-	-	10.6	10.7	10.7
6	Houston	715.6	712.1	688.1	28.0	27.8	26.6	61.2	61.8	62.6	139.9	140.2	135.9
7	Lubbock	-	-	-	-	-	-	-	-	-	6.9	6.9	6.3
8	San Antonio	250.0	249.5	247.4	1.5	1.5	1.5	15.3	15.1	16.8	31.0	31.0	29.5
9	Waco	-	-	-	-	-	-	-	-	-	12.9	12.9	13.5
	Wichita Falls	-	-	-	-	-	-	-	-	-	4.1	4.2	3.9
10	UTAH	348.1	344.2	337.9	12.5	12.2	11.7	12.6	11.5	14.1	53.0	52.3	50.8
11	Salt Lake City	181.7	180.0	174.5	7.4	7.4	7.1	7.6	7.1	7.6	28.7	28.5	28.1
12	VERMONT	143.0	141.3	137.1	1.0	1.1	1.1	9.9	8.9	9.2	43.9	44.1	43.6
13	Burlington <sup>10</sup>	36.6	36.0	34.3	-	-	-	-	-	-	10.9	10.9	10.4
14	Springfield <sup>10</sup>	13.4	13.2	13.6	-	-	-	-	-	-	6.7	6.6	7.0
15	VIRGINIA <sup>3</sup>	1,415.7	1,410.1	1,372.9	14.0	14.0	13.9	98.3	95.8	93.0	361.6	363.6	357.1
16	Lynchburg	49.7	49.6	48.5	(1)	(1)	(1)	2.6	2.5	2.7	22.9	22.9	22.4
17	Newport News-Hampton	93.8	94.0	93.6	(1)	(1)	(1)	4.9	4.8	4.6	26.6	26.9	28.5
18	Norfolk-Portsmouth	193.0	192.0	189.4	(1)	(1)	(1)	12.9	12.6	12.9	19.9	19.6	19.7
19	Richmond	225.1	225.4	219.4	.2	.2	.2	15.4	15.1	14.7	51.3	51.7	51.0
20	Roanoke	78.6	78.0	76.0	.2	.2	.1	4.9	4.6	4.9	18.7	18.7	18.2
21	WASHINGTON	1,118.3	1,105.1	1,088.0	1.5	1.4	1.6	56.7	55.3	58.3	280.7	275.8	281.1
22	Seattle-Everett	564.7	561.1	545.2	(1)	(1)	(1)	31.3	30.1	28.9	163.6	163.7	167.7
23	Spokane	87.8	86.6	85.6	(1)	(1)	(1)	4.7	4.1	4.1	13.2	13.1	13.0
24	Tacoma	108.6	108.2	104.5	(1)	(1)	(1)	6.1	5.8	5.9	20.6	20.9	20.0
25	WEST VIRGINIA	511.6	508.1	510.2	47.1	46.9	46.5	26.4	26.0	27.6	132.0	130.4	133.1
26	Charleston	82.1	81.6	85.8	3.5	3.4	3.5	3.7	3.5	4.1	18.1	18.2	21.2
27	Huntington-Ashland	80.5	80.3	80.8	.7	.7	.7	4.3	4.3	4.3	25.5	25.5	26.1
28	Wheeling	58.6	58.4	56.8	4.3	4.2	3.7	5.8	6.0	3.9	15.4	15.1	16.3
29	WISCONSIN	1,498.9	1,488.6	1,455.8	2.6	2.3	2.7	69.9	64.1	65.1	500.8	507.7	499.2
30	Green Bay	51.2	50.6	49.6	(1)	(1)	(1)	2.6	2.5	2.1	15.6	15.5	15.7
31	Kenosha	33.3	32.9	33.7	(1)	(1)	(1)	1.2	1.2	1.3	15.2	15.1	16.1
32	La Crosse	29.5	28.9	28.1	(1)	(1)	(1)	1.2	1.2	.9	8.6	8.3	8.5
33	Madison	117.2	115.9	115.0	(1)	(1)	(1)	6.9	5.9	6.7	16.1	16.1	15.7
34	Milwaukee	564.2	561.1	552.3	(1)	(1)	(1)	23.2	21.7	23.8	209.9	211.9	209.6
35	Racine	54.8	54.9	53.5	(1)	(1)	(1)	1.8	1.6	1.8	25.2	25.4	24.9
36	WYOMING	105.0	100.7	101.8	10.9	10.8	9.7	6.8	5.6	6.8	6.4	6.4	6.2
37	Casper	19.3	19.0	18.0	3.2	3.2	2.8	1.8	1.5	1.4	1.5	1.5	1.2
38	Cheyenne	18.0	17.6	18.4	(1)	(1)	(1)	1.5	1.2	1.1	1.0	1.0	1.2

<sup>1</sup> Combined with services.

<sup>2</sup> Combined with construction.

<sup>3</sup> Federal employment in Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area

<sup>4</sup> included in data for the District of Columbia.

<sup>5</sup> Subarea of Washington Standard Metropolitan Statistical Area.

<sup>6</sup> Area included in Chicago-Northwestern Indiana Standard Consolidated Area.

<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

<sup>8</sup> Area included in New York-Northeastern New Jersey Standard Consolidated Area.

<sup>9</sup> Subarea of Rochester Standard Metropolitan Statistical Area.

<sup>10</sup> Subarea of New York Standard Metropolitan Statistical Area.

Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.

\* Not available.

NOTE: Data for the current month are 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			
May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	
47.6	47.5	46.3	155.4	155.7	150.3	47.5	47.5	45.8	83.0	83.0	81.4	61.8	61.3	59.1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3
65.0	64.1	60.7	174.6	174.6	169.0	36.7	36.4	35.0	125.9	124.8	117.9	84.3	82.4	80.4	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
11.2	11.1	10.4	61.2	61.3	59.9	15.6	15.6	15.0	42.7	42.5	43.9	71.5	71.4	70.4	6
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
23.3	23.2	23.5	77.6	75.8	73.0	13.8	13.8	13.2	55.0	54.0	51.8	100.3	101.4	99.9	9
15.5	15.5	14.8	47.9	47.3	45.5	10.2	10.2	10.0	29.7	29.3	28.1	34.7	34.7	33.4	10
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11
7.8	7.7	6.9	26.8	26.1	25.3	5.1	5.0	4.9	24.4	24.4	23.1	24.3	24.2	23.2	12
1.7	1.7	1.6	7.6	7.5	7.0	-	-	-	6.7	6.6	6.1	-	-	-	13
.8	.8	.8	2.0	1.9	1.9	-	-	-	1.6	1.6	1.5	-	-	-	14
95.3	94.5	92.4	283.4	281.4	274.7	64.1	63.5	60.9	204.4	203.0	198.0	294.6	294.3	282.9	15
2.4	2.4	2.3	8.2	8.3	7.9	1.9	1.9	1.9	6.1	6.0	6.0	5.6	5.6	5.3	16
4.4	4.6	4.2	15.3	15.2	14.5	2.7	2.7	2.7	11.2	11.1	10.6	28.7	28.7	28.5	17
16.0	16.1	15.6	45.3	45.2	44.0	8.6	8.6	8.4	27.8	27.5	27.5	62.5	62.4	61.3	18
18.0	18.0	17.5	50.2	50.3	48.7	17.7	17.7	17.0	32.2	31.9	31.7	40.1	40.5	38.6	19
10.4	10.4	10.3	18.5	18.4	17.4	3.8	3.8	3.7	12.3	12.2	12.2	9.8	9.7	9.2	20
72.5	72.0	70.1	242.4	238.1	232.0	57.9	57.5	54.9	166.8	164.7	159.3	239.8	240.3	230.7	21
40.3	39.9	38.5	122.8	121.6	114.6	35.4	35.3	33.4	81.2	80.6	76.9	90.1	89.9	85.2	22
7.4	7.5	7.2	22.7	22.3	22.3	5.0	5.1	4.8	17.7	17.4	17.7	17.1	17.1	16.5	23
6.5	6.5	6.6	24.5	24.2	22.7	6.0	6.0	5.6	18.2	18.1	17.4	26.7	26.7	26.3	24
41.3	41.0	41.2	91.4	90.8	89.2	15.1	15.1	14.7	63.4	63.1	63.6	94.8	94.9	94.3	25
9.1	9.0	8.8	18.4	18.3	18.4	4.0	3.9	3.7	11.8	11.9	11.4	13.6	13.4	14.6	26
8.0	8.0	8.0	16.9	16.9	16.8	2.8	2.8	2.7	10.2	10.1	10.1	12.1	12.1	12.1	27
3.5	3.5	3.5	12.5	12.4	12.2	2.1	2.1	2.0	8.6	8.6	8.7	6.6	6.6	6.5	28
79.9	78.1	77.3	317.2	312.5	307.8	58.8	58.6	56.0	215.7	213.3	205.3	254.1	252.1	242.3	29
4.3	4.1	4.3	12.7	12.7	12.7	1.3	1.3	1.2	7.9	7.9	7.6	6.7	6.7	5.9	30
1.3	1.2	1.4	6.0	5.9	5.8	.7	.7	.7	4.7	4.7	4.6	4.2	4.1	3.9	31
2.2	2.2	2.1	6.7	6.7	6.7	.6	.6	.6	5.7	5.7	5.3	4.3	4.3	4.1	32
4.8	4.8	4.9	22.9	22.6	22.2	6.2	6.2	5.9	16.3	16.3	15.5	43.9	44.0	44.1	33
31.1	30.2	30.2	117.4	116.5	114.8	27.7	27.6	26.6	83.1	82.4	80.3	71.8	70.6	67.1	34
2.3	2.3	2.3	9.6	9.5	9.4	1.4	1.4	1.3	7.5	7.7	7.1	6.9	6.9	6.6	35
10.5	10.3	10.2	21.8	20.9	21.9	3.6	3.6	3.5	14.4	13.4	13.8	30.6	29.7	29.7	36
1.3	1.3	1.4	4.4	4.4	4.2	.9	.9	.8	2.5	2.5	2.6	3.7	3.7	3.6	37
2.4	2.4	2.6	3.6	3.6	3.9	.9	.9	.9	3.0	2.9	3.2	5.6	5.6	5.5	38

# 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 weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings	Average weekly earnings	Average weekly hours	Average hourly earnings
	Total private <sup>1</sup>			Manufacturing			Durable goods			Nondurable goods		
1947.....	\$45.58	40.3	\$1.131	\$49.17	40.4	\$1.217	\$51.76	40.5	\$1.278	\$46.03	40.2	\$1.145
1948.....	49.00	40.0	1.225	53.12	40.0	1.328	56.36	40.4	1.395	49.50	39.6	1.250
1949.....	50.24	39.4	1.275	53.88	39.1	1.378	57.25	39.4	1.453	50.38	38.9	1.295
1950.....	53.13	39.8	1.335	58.32	40.5	1.440	62.43	41.1	1.519	53.48	39.7	1.347
1951.....	57.86	39.9	1.45	63.34	40.6	1.56	68.48	41.5	1.65	56.88	39.5	1.44
1952.....	60.65	39.9	1.52	67.16	40.7	1.65	72.63	41.5	1.75	59.95	39.7	1.51
1953.....	63.76	39.6	1.61	70.47	40.5	1.74	76.63	41.2	1.86	62.57	39.6	1.58
1954.....	64.52	39.1	1.65	70.49	39.6	1.78	76.19	40.1	1.90	63.18	39.0	1.62
1955.....	67.72	39.6	1.71	75.70	40.7	1.86	82.19	41.3	1.99	66.63	39.9	1.67
1956.....	70.74	39.3	1.80	78.78	40.4	1.95	85.28	41.0	2.08	70.09	39.6	1.77
1957.....	73.33	38.8	1.89	81.59	39.8	2.05	88.26	40.3	2.19	72.52	39.2	1.85
1958.....	75.08	38.5	1.95	82.71	39.2	2.11	89.27	39.5	2.26	74.11	38.8	1.91
1959.....	78.78	39.0	2.02	88.26	40.3	2.19	96.05	40.7	2.36	78.61	39.7	1.98
1960.....	80.67	38.6	2.09	89.72	39.7	2.26	97.44	40.1	2.43	80.36	39.2	2.05
1961.....	82.60	38.6	2.14	92.34	39.8	2.32	100.35	40.3	2.49	82.92	39.3	2.11
1962.....	85.91	38.7	2.22	96.56	40.4	2.39	104.70	40.9	2.56	85.93	39.6	2.17
1963.....	88.46	38.8	2.28	99.63	40.5	2.46	108.09	41.1	2.63	87.91	39.6	2.22
1964.....	91.33	38.7	2.36	102.97	40.7	2.53	112.19	41.4	2.71	90.91	39.7	2.29
1965.....	95.06	38.8	2.45	107.53	41.2	2.61	117.18	42.0	2.79	94.64	40.1	2.36
1966.....	98.82	38.6	2.56	112.34	41.3	2.72	122.09	42.1	2.90	98.49	40.2	2.45
1967.....	101.84	38.0	2.68	114.90	40.6	2.83	123.60	41.2	3.00	102.03	39.7	2.57
1968.....	107.73	37.8	2.85	122.51	40.7	3.01	132.07	41.4	3.19	109.05	39.8	2.74
1968: June.....	108.20	38.1	2.84	123.30	41.1	3.00	132.92	41.8	3.18	109.47	40.1	2.73
July.....	108.87	38.2	2.85	122.10	40.7	3.00	131.02	41.2	3.18	110.00	40.0	2.75
August.....	109.16	38.3	2.85	121.69	40.7	2.99	130.29	41.1	3.17	110.55	40.2	2.75
September.....	110.49	38.1	2.90	125.25	41.2	3.04	135.01	41.8	3.23	112.03	40.3	2.78
October.....	110.29	37.9	2.91	125.77	41.1	3.06	135.43	41.8	3.24	111.88	40.1	2.79
November.....	109.50	37.5	2.92	125.97	40.9	3.08	136.36	41.7	3.27	111.72	39.9	2.80
December.....	110.38	37.8	2.92	127.82	41.1	3.11	137.61	41.7	3.30	113.08	40.1	2.82
1969: January.....	110.25	37.5	2.94	126.05	40.4	3.12	136.04	41.1	3.31	111.50	39.4	2.83
February.....	110.11	37.2	2.96	124.80	40.0	3.12	135.05	40.8	3.31	110.48	38.9	2.84
March.....	111.67	37.6	2.97	127.39	40.7	3.13	137.45	41.4	3.32	113.15	39.7	2.85
April.....	111.75	37.5	2.98	127.58	40.5	3.15	137.20	41.2	3.33	113.08	39.4	2.87
May.....	113.48	37.7	3.01	128.61	40.7	3.16	138.69	41.4	3.35	114.34	39.7	2.88
June.....	115.06	38.1	3.02	129.65	40.9	3.17	139.03	41.5	3.35	115.60	40.0	2.89
<hr/>												
Year and month	Mining			Contract construction			Wholesale and retail trade			Finance, insurance, and real estate		
1947.....	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140
1948.....	65.56	39.4	1.664	65.27	38.1	1.713	40.80	40.4	1.010	45.48	37.9	1.200
1949.....	62.33	36.3	1.717	67.56	37.7	1.792	42.93	40.5	1.060	47.63	37.8	1.260
1950.....	67.16	37.9	1.772	69.68	37.4	1.863	44.55	40.5	1.100	50.52	37.7	1.340
1951.....	74.11	38.4	1.93	76.96	38.1	2.02	47.79	40.5	1.18	54.67	37.7	1.45
1952.....	77.59	38.6	2.01	82.86	38.9	2.13	49.20	40.0	1.23	57.08	37.8	1.51
1953.....	83.03	38.8	2.14	86.41	37.9	2.28	51.35	39.5	1.30	59.57	37.7	1.58
1954.....	82.60	38.6	2.14	88.91	37.2	2.39	53.33	39.5	1.35	62.04	37.6	1.65
1955.....	89.54	40.7	2.20	90.90	37.1	2.45	55.16	39.4	1.40	63.92	37.6	1.70
1956.....	95.06	40.8	2.33	96.38	37.5	2.57	57.48	39.1	1.47	65.68	36.9	1.78
1957.....	98.65	40.1	2.46	100.27	37.0	2.71	59.60	38.7	1.54	67.53	36.7	1.84
1958.....	96.08	38.9	2.47	103.78	36.8	2.82	61.76	38.6	1.60	70.12	37.1	1.89
1959.....	103.68	40.5	2.56	108.41	37.0	2.93	64.41	38.8	1.66	72.74	37.3	1.95
1960.....	105.44	40.4	2.61	113.04	36.7	3.08	66.01	38.6	1.71	75.14	37.2	2.02
1961.....	106.92	40.5	2.64	118.08	36.9	3.20	67.41	38.3	1.76	77.12	36.9	2.09
1962.....	110.43	40.9	2.70	122.47	37.0	3.31	69.91	38.2	1.83	80.94	37.3	2.17
1963.....	114.40	41.6	2.75	127.19	37.3	3.41	72.01	38.1	1.89	84.38	37.5	2.25
1964.....	117.74	41.9	2.81	132.06	37.2	3.55	74.28	37.9	1.96	85.79	37.3	2.30
1965.....	123.52	42.3	2.92	138.38	37.4	3.70	76.53	37.7	2.03	88.91	37.2	2.39
1966.....	130.24	42.7	3.05	146.26	37.6	3.89	79.02	37.1	2.13	92.13	37.3	2.47
1967.....	135.89	42.6	3.19	154.95	37.7	4.11	81.76	36.5	2.24	95.46	37.0	2.58
1968.....	143.05	42.7	3.35	164.56	37.4	4.40	86.40	36.0	2.40	101.75	37.0	2.75
1968: June.....	144.52	43.4	3.33	165.50	38.4	4.31	87.36	36.4	2.40	101.75	37.0	2.75
July.....	145.62	43.6	3.34	168.30	38.6	4.36	88.56	36.9	2.40	102.40	37.1	2.76
August.....	144.62	43.3	3.34	170.72	38.8	4.40	88.80	37.0	2.40	102.40	37.1	2.76
September.....	146.45	43.2	3.39	173.76	38.7	4.49	88.08	36.1	2.44	103.23	37.0	2.79
October.....	138.86	41.7	3.33	173.57	38.4	4.52	87.11	35.7	2.44	103.51	37.1	2.79
November.....	148.52	42.8	3.47	159.35	35.1	4.54	87.33	35.5	2.46	103.69	36.9	2.81
December.....	151.12	43.3	3.49	168.81	37.1	4.55	87.96	35.9	2.45	104.99	37.1	2.83
1969: January.....	150.15	42.9	3.50	168.09	36.7	4.58	88.40	35.5	2.49	106.76	37.2	2.87
February.....	149.60	42.5	3.52	166.90	36.6	4.56	88.60	35.3	2.51	107.59	37.1	2.90
March.....	148.54	42.2	3.52	171.86	37.2	4.62	88.85	35.4	2.51	107.22	37.1	2.89
April.....	154.78	43.6	3.55	174.46	37.6	4.64	88.96	35.3	2.52	106.85	37.1	2.88
May.....	154.94	43.4	3.57	179.16	38.2	4.69	89.66	35.3	2.54	106.93	37.0	2.89
June.....	157.32	43.7	3.60	180.18	38.5	4.68	91.69	36.1	2.54	108.54	37.3	2.91

<sup>1</sup>For coverage of series, see footnote 1, table B-2.  
NOTE: Data include Alaska and Hawaii beginning 1959. Data for the 2 most recent months are preliminary.

# 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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
	<b>TOTAL PRIVATE</b> .....	\$115.06	\$113.48	\$111.75	\$108.20	\$106.69	\$3.02	\$3.01	\$2.98	\$2.84	\$2.83
	<b>MINING</b> .....	157.32	154.94	154.78	144.52	141.67	3.60	3.57	3.55	3.33	3.31
10	<b>METAL MINING</b> .....	-	158.19	156.60	151.30	149.63	-	3.62	3.60	3.40	3.37
101	Iron ores .....	-	150.65	153.30	145.61	140.37	-	3.63	3.65	3.41	3.35
102	Copper ores .....	-	172.28	167.97	166.91	169.61	-	3.65	3.62	3.47	3.49
11,12	<b>COAL MINING</b> .....	-	166.43	169.74	156.15	151.13	-	4.14	4.12	3.79	3.75
12	Bituminous coal and lignite mining .....	-	168.87	172.64	158.53	153.09	-	4.18	4.16	3.82	3.78
13	<b>OIL AND GAS EXTRACTION</b> .....	-	148.58	148.48	136.21	134.20	-	3.40	3.39	3.19	3.18
131,2	Crude petroleum and natural gas fields .....	-	144.49	149.09	138.31	136.42	-	3.55	3.61	3.39	3.36
138	Oil and gas field services .....	-	151.27	148.00	134.64	132.50	-	3.31	3.26	3.06	3.06
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	-	151.13	148.30	140.75	138.01	-	3.25	3.21	3.04	3.02
142	Crushed and broken stone .....	-	153.44	149.63	142.59	136.59	-	3.21	3.15	2.94	2.90
	<b>CONTRACT CONSTRUCTION</b> .....	180.18	179.16	174.46	165.50	163.18	4.68	4.69	4.64	4.31	4.34
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	-	165.43	161.37	152.67	152.15	-	4.52	4.47	4.16	4.18
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	-	182.71	173.84	172.40	164.83	-	4.34	4.24	4.00	4.04
161	Highway and street construction .....	-	177.22	161.56	169.94	160.68	-	4.16	3.95	3.88	3.90
162	Heavy construction, n.e.c. ....	-	187.65	182.86	175.54	169.28	-	4.50	4.46	4.14	4.19
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	-	185.26	182.41	169.92	169.74	-	4.98	4.93	4.58	4.60
171	Plumbing, heating, air conditioning .....	-	198.90	195.16	181.12	177.93	-	5.10	5.03	4.68	4.67
172	Painting, paper hanging, decorating .....	-	167.90	167.14	150.88	152.87	-	4.69	4.63	4.25	4.27
173	Electrical work .....	-	222.05	217.46	197.88	198.00	-	5.51	5.45	5.10	5.09
174	Masonry, stonework, and plastering .....	-	166.36	166.29	155.11	156.00	-	4.85	4.82	4.47	4.47
176	Roofing and sheetmetal work .....	-	151.55	145.19	139.09	137.90	-	4.38	4.36	4.02	4.08
	<b>MANUFACTURING</b> .....	129.65	128.61	127.58	123.30	122.29	3.17	3.16	3.15	3.00	2.99
19,24,25,32-39	<b>DURABLE GOODS</b> .....	139.03	138.69	137.20	132.92	132.29	3.35	3.35	3.33	3.18	3.18
20-23,26-31	<b>NONDURABLE GOODS</b> .....	115.60	114.34	113.08	109.47	108.26	2.89	2.88	2.87	2.73	2.72
	<i>Durable Goods</i> .....										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	142.00	139.47	138.11	134.78	134.05	3.43	3.41	3.41	3.24	3.23
192	Ammunition, except for small arms .....	137.97	135.81	135.26	132.02	131.20	3.39	3.37	3.39	3.22	3.20
1925	Complete guided missiles .....	-	164.19	165.95	152.48	153.97	-	3.90	3.97	3.71	3.71
1929	Ammunition, exc. for small arms, nec .....	-	119.17	117.56	118.90	116.00	-	3.04	3.03	2.90	2.85
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	110.43	108.81	106.13	106.97	103.63	2.70	2.68	2.64	2.59	2.54
242	Sawmills and planing mills .....	106.08	104.23	102.51	102.18	99.06	2.60	2.58	2.55	2.48	2.44
2421	Sawmills and planing mills, general .....	-	107.46	105.46	105.73	102.56	-	2.66	2.63	2.56	2.52
243	Millwork, plywood & related products .....	116.69	115.59	113.24	113.15	110.68	2.86	2.84	2.81	2.72	2.68
2431	Millwork .....	-	112.97	110.54	109.88	108.00	-	2.86	2.82	2.68	2.66
2432	Veneer and plywood .....	-	115.92	114.81	116.05	113.10	-	2.80	2.78	2.75	2.68
244	Wooden containers .....	91.53	90.68	90.68	86.58	87.20	2.26	2.25	2.25	2.17	2.18
2441,2	Wooden boxes, shooks, and crates .....	-	89.32	88.91	84.96	84.80	-	2.20	2.19	2.14	2.12
249	Miscellaneous wood products .....	99.95	99.29	97.58	93.66	92.39	2.42	2.41	2.38	2.29	2.27
25	<b>FURNITURE AND FIXTURES</b> .....	106.34	104.78	103.46	101.52	99.88	2.60	2.60	2.58	2.47	2.46
251	Household furniture .....	99.88	98.65	97.36	95.47	94.54	2.46	2.46	2.44	2.34	2.34
2511	Wood household furniture .....	-	94.71	93.38	90.89	90.01	-	2.31	2.30	2.19	2.19
2512	Upholstered household furniture .....	-	102.82	104.15	102.47	99.94	-	2.65	2.65	2.53	2.53
2515	Mattresses and bedsprings .....	-	104.52	103.21	103.57	101.24	-	2.68	2.66	2.57	2.55
252	Office furniture .....	-	125.24	123.65	118.85	115.23	-	2.94	2.93	2.79	2.77
254	Partitions and fixtures .....	-	130.79	126.14	127.19	124.73	-	3.19	3.13	3.05	3.02
253,9	Other furniture and fixtures .....	111.10	110.12	107.56	107.74	105.67	2.75	2.76	2.73	2.59	2.59
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	134.83	134.09	131.57	127.20	125.88	3.18	3.17	3.14	3.00	2.99
321	Flat glass .....	-	175.82	168.49	164.78	160.36	-	4.07	4.06	3.85	3.80
322	Glass and glassware, pressed or blown .....	133.17	133.42	131.05	126.68	126.99	3.28	3.27	3.26	3.06	3.06
3221	Glass containers .....	-	139.59	136.28	133.98	133.88	-	3.36	3.39	3.19	3.18
3229	Pressed and blown glass, n.e.c. ....	-	124.71	123.11	115.83	116.52	-	3.11	3.07	2.86	2.87
324	Cement, hydraulic .....	149.88	148.04	150.23	146.02	144.70	3.56	3.55	3.56	3.51	3.47
325	Structural clay products .....	110.43	109.89	108.79	105.06	104.30	2.70	2.70	2.66	2.55	2.55
3251	Brick and structural clay tile .....	-	106.08	103.25	101.64	100.08	-	2.55	2.50	2.42	2.40
326	Pottery and related products .....	-	114.40	113.72	110.09	109.18	-	2.86	2.85	2.78	2.75
327	Concrete, gypsum, and plaster products .....	144.90	143.81	138.79	136.65	134.25	3.22	3.21	3.14	3.01	3.01
328,9	Other stone and nonmetallic mineral products .....	132.61	133.56	130.62	124.80	124.09	3.18	3.18	3.14	3.00	2.99
3291	Abrasive products .....	-	132.07	127.19	122.80	122.89	-	3.31	3.22	3.07	3.08

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

# 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**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
-	<b>TOTAL PRIVATE</b> . . . . .	38.1	37.7	37.5	38.1	37.7	-	-	-	-	-
-	<b>MINING</b> . . . . .	43.7	43.4	43.6	43.4	42.8	-	-	-	-	-
10	METAL MINING . . . . .	-	43.7	43.5	44.5	44.4	-	-	-	-	-
101	Iron ores . . . . .	-	41.5	42.0	42.7	41.9	-	-	-	-	-
102	Copper ores . . . . .	-	47.2	46.4	48.1	48.6	-	-	-	-	-
11,12	COAL MINING . . . . .	-	40.2	41.2	41.2	40.3	-	-	-	-	-
12	Bituminous coal and lignite mining . .	-	40.4	41.5	41.5	40.5	-	-	-	-	-
13	OIL AND GAS EXTRACTION . . . . .	-	43.7	43.8	42.7	42.2	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.7	41.3	40.8	40.6	-	-	-	-	-
138	Oil and gas field services . . . . .	-	45.7	45.4	44.0	43.3	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	46.5	46.2	46.3	45.7	-	-	-	-	-
142	Crushed and broken stone . . . . .	-	47.8	47.5	48.5	47.1	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> . . . . .	38.5	38.2	37.6	38.4	37.6	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS . .	-	36.6	36.1	36.7	36.4	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS .	-	42.1	41.0	43.1	40.8	-	-	-	-	-
161	Highway and street construction . . .	-	42.6	40.9	43.8	41.2	-	-	-	-	-
162	Heavy construction, n e c . . . . .	-	41.7	41.0	42.4	40.4	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS . . . . .	-	37.2	37.0	37.1	36.9	-	-	-	-	-
171	Plumbing, heating, air conditioning . .	-	39.0	38.8	38.7	38.1	-	-	-	-	-
172	Painting, paper hanging, decorating . .	-	35.8	36.1	35.5	35.8	-	-	-	-	-
173	Electrical work . . . . .	-	40.3	39.9	38.8	38.9	-	-	-	-	-
174	Masonry, stonework, and plastering . .	-	34.3	34.5	34.7	34.9	-	-	-	-	-
176	Roofing and sheet metal work . . . . .	-	34.6	33.3	34.6	33.8	-	-	-	-	-
-	<b>MANUFACTURING</b> . . . . .	40.9	40.7	40.5	41.1	40.9	3.7	3.6	3.5	3.7	3.6
19,24,25,32-39	<b>DURABLE GOODS</b> . . . . .	41.5	41.4	41.2	41.8	41.6	3.9	3.7	3.6	3.9	3.8
20-23,26-31	<b>NONDURABLE GOODS</b> . . . . .	40.0	39.7	39.4	40.1	39.8	3.4	3.3	3.2	3.4	3.2
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES . . . . .	41.4	40.9	40.5	41.6	41.5	-	2.6	2.4	3.7	3.1
192	Ammunition, except for small arms . .	40.7	40.3	39.9	41.0	41.0	-	2.1	1.9	3.5	2.9
1925	Complete guided missiles . . . . .	-	42.1	41.8	41.1	41.5	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	39.2	38.8	41.0	40.7	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS . . . . .	40.9	40.6	40.2	41.3	40.8	-	4.1	3.8	4.2	3.8
242	Sawmills and planing mills . . . . .	40.8	40.4	40.2	41.2	40.6	-	4.2	4.1	4.4	4.0
2421	Sawmills and planing mills, general	-	40.4	40.1	41.3	40.7	-	-	-	-	-
243	Millwork, plywood & related products.	40.8	40.7	40.3	41.6	41.3	-	4.0	3.5	4.4	3.8
2431	Millwork . . . . .	-	39.5	39.2	41.0	40.6	-	-	-	-	-
2432	Veneer and plywood . . . . .	-	41.4	41.3	42.2	42.2	-	-	-	-	-
244	Wooden containers . . . . .	40.5	40.3	40.3	39.9	40.0	-	3.7	3.5	3.4	3.2
2441,2	Wooden boxes, shooks, and crates . . .	-	40.6	40.6	39.7	40.0	-	-	-	-	-
249	Miscellaneous wood products . . . . .	41.3	41.2	41.0	40.9	40.7	-	4.1	3.9	3.7	3.5
25	FURNITURE AND FIXTURES . . . . .	40.9	40.3	40.1	41.1	40.6	-	3.2	3.1	3.6	3.2
251	Household furniture . . . . .	40.6	40.1	39.9	40.8	40.4	-	3.0	3.0	3.3	3.1
2511	Wood household furniture . . . . .	-	41.0	40.6	41.5	41.1	-	-	-	-	-
2512	Upholstered household furniture . . . .	-	38.8	39.3	40.5	39.5	-	-	-	-	-
2515	Mattresses and bedsprings . . . . .	-	39.0	38.8	40.3	39.7	-	-	-	-	-
252	Office furniture . . . . .	-	42.6	42.2	42.6	41.6	-	5.0	4.7	4.7	3.8
254	Partitions and fixtures . . . . .	-	41.0	40.3	41.7	41.3	-	3.9	3.2	4.0	3.9
253,9	Other furniture and fixtures . . . . .	40.4	39.9	39.4	41.6	40.8	-	2.9	2.7	4.1	3.3
32	STONE, CLAY, AND GLASS PRODUCTS . .	42.4	42.3	41.9	42.4	42.1	-	4.9	4.7	4.8	4.6
321	Flat glass . . . . .	-	43.2	41.5	42.8	42.2	-	4.4	3.7	5.3	4.1
322	Glass and glassware, pressed or blown	40.6	40.8	40.2	41.4	41.5	-	4.5	4.3	4.8	4.7
3221	Glass containers . . . . .	-	41.3	40.2	42.0	42.1	-	-	-	-	-
3229	Pressed and blown glass, n e c . . . . .	-	40.1	40.1	40.5	40.6	-	-	-	-	-
324	Cement, hydraulic . . . . .	42.1	41.7	42.2	41.6	41.7	-	2.9	3.0	2.7	2.6
325	Structural clay products . . . . .	40.9	40.7	40.9	41.2	40.9	-	4.1	4.0	3.9	3.7
3251	Brick and structural clay tile . . . . .	-	41.6	41.3	42.0	41.7	-	-	-	-	-
326	Pottery and related products . . . . .	-	40.0	39.9	39.6	39.7	-	2.7	2.8	2.4	2.4
327	Concrete, gypsum and plaster products . . . . .	45.0	44.8	44.2	45.4	44.6	-	7.1	6.9	7.3	6.9
328,9	Other stone and nonmetallic mineral products . . . . .	41.7	42.0	41.6	41.6	41.5	-	4.3	3.8	3.7	3.5
3291	Abrasive products . . . . .	-	39.9	39.5	40.0	39.9	-	-	-	-	-

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
	<i>Durable Goods--Continued</i>										
33	<b>PRIMARY METAL INDUSTRIES</b> .....	\$158.30	\$157.13	\$157.45	\$149.67	\$148.54	\$3.76	\$3.75	\$3.74	\$3.53	\$3.52
331	Blast furnace and basic steel products ..	(*)	164.76	166.76	157.41	156.29	(*)	3.97	3.98	3.73	3.73
3312	Blast furnaces and steel mills .....	-	166.85	169.70	159.14	157.63	-	4.04	4.05	3.78	3.78
332	Iron and steel foundries .....	148.61	148.26	147.42	140.25	139.92	3.53	3.53	3.51	3.30	3.30
3321	Gray iron foundries .....	-	147.97	146.72	142.76	143.42	-	3.54	3.51	3.32	3.32
3322	Malleable iron foundries .....	-	148.06	149.56	138.65	137.02	-	3.62	3.63	3.39	3.40
3323	Steel foundries .....	-	148.09	146.97	135.43	133.31	-	3.46	3.45	3.24	3.22
333,4	Nonferrous metals .....	151.30	148.33	148.90	140.70	139.26	3.56	3.54	3.52	3.35	3.30
3334	Primary aluminum .....	-	161.44	160.99	155.80	145.02	-	3.89	3.87	3.80	3.52
335	Nonferrous rolling and drawing .....	155.57	152.14	151.71	144.86	145.64	3.56	3.53	3.52	3.33	3.31
3351	Copper rolling and drawing .....	-	157.44	155.37	151.51	146.35	-	3.57	3.58	3.42	3.38
3352	Aluminum rolling and drawing .....	-	153.22	153.58	148.82	151.39	-	3.58	3.58	3.39	3.32
3357	Nonferrous wire drawing and insulating ..	-	149.02	149.04	139.85	140.51	-	3.49	3.45	3.26	3.26
336	Nonferrous foundries .....	137.03	135.96	135.22	129.27	128.23	3.31	3.30	3.29	3.13	3.12
3361	Aluminum castings .....	-	139.33	138.84	132.61	132.70	-	3.39	3.37	3.18	3.19
3362,9	Other nonferrous castings .....	-	132.07	131.11	125.56	123.12	-	3.19	3.19	3.07	3.04
339	Miscellaneous primary metal products ...	167.16	163.35	167.90	156.61	155.45	3.98	3.98	3.96	3.72	3.71
3391	Iron and steel forgings .....	-	175.55	175.97	160.63	160.22	-	4.15	4.16	3.88	3.87
34	<b>FABRICATED METAL PRODUCTS</b> .....	139.44	137.70	136.21	132.62	131.99	3.32	3.31	3.29	3.15	3.15
341	Metal cans .....	171.38	169.02	163.92	164.25	157.16	3.86	3.85	3.83	3.65	3.58
342	Cutlery, hand tools, and hardware .....	130.24	129.92	129.43	124.94	125.25	3.20	3.20	3.18	3.04	3.04
3421,3,5	Cutlery and hand tools, incl. saws .....	-	129.07	126.48	119.89	118.44	-	3.11	3.07	2.91	2.91
3429	Hardware, n e c .....	-	131.13	131.70	128.33	129.90	-	3.27	3.26	3.13	3.13
343	Plumbing and heating, except electric ..	129.69	125.76	125.26	120.18	119.88	3.11	3.09	3.07	2.96	2.96
3431,2	Sanitary ware & plumbers' brass goods ..	-	130.21	129.07	122.70	123.41	-	3.13	3.11	3.00	3.01
3433	Heating equipment, except electric .....	-	122.09	121.90	117.68	116.00	-	3.06	3.04	2.92	2.90
344	Fabricated structural metal products ....	137.10	135.38	132.11	128.13	126.90	3.28	3.27	3.23	3.08	3.08
3441	Fabricated structural steel .....	-	133.16	131.65	130.09	127.71	-	3.24	3.21	3.09	3.07
3442	Metal doors, sash, and trim .....	-	114.09	111.95	110.43	109.76	-	2.81	2.82	2.70	2.71
3443	Fabricated plate work (boiler shops) ..	-	145.94	142.96	136.27	134.23	-	3.45	3.42	3.26	3.25
3444	Sheet metal work .....	-	143.38	141.25	132.89	131.61	-	3.48	3.42	3.21	3.21
3446,9	Architectural and misc. metal work ...	-	131.65	126.98	124.42	125.75	-	3.18	3.12	3.02	3.03
345	Screw machine products, bolts, etc. ....	146.83	145.73	143.86	134.90	133.85	3.36	3.35	3.33	3.13	3.12
3451	Screw machine products .....	-	140.71	138.13	127.80	126.18	-	3.28	3.25	3.00	2.99
3452	Bolts, nuts, rivets, and washers .....	-	150.82	149.26	141.70	141.26	-	3.42	3.40	3.25	3.24
346	Metal stampings .....	153.61	151.68	150.23	150.95	152.60	3.64	3.62	3.62	3.47	3.50
347	Metal stampings, n e c .....	123.55	122.77	119.84	113.12	112.19	2.97	2.97	2.93	2.80	2.77
348	Misc. fabricated wire products .....	124.01	123.11	121.58	119.26	119.11	3.01	3.01	2.98	2.86	2.87
349	Misc. fabricated metal products .....	134.40	133.12	132.70	128.52	126.88	3.20	3.20	3.19	3.06	3.05
3494,8	Valves, pipe, and pipe fittings .....	-	135.34	135.01	130.62	129.47	-	3.23	3.23	3.11	3.09
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> .....	152.80	152.01	150.80	141.37	141.04	3.57	3.56	3.54	3.35	3.35
351	Engines and turbines .....	162.18	161.77	162.18	151.84	151.42	3.88	3.87	3.88	3.65	3.64
3511	Steam engines and turbines .....	-	163.86	162.66	159.00	157.83	-	3.92	3.91	3.75	3.74
3519	Internal combustion engines, n e c .....	-	160.93	161.73	149.09	149.04	-	3.85	3.86	3.61	3.60
352	Farm machinery .....	-	138.05	139.84	129.68	132.20	-	3.46	3.47	3.25	3.33
353	Construction and related machinery .....	151.98	150.50	148.94	141.71	141.53	3.51	3.50	3.48	3.35	3.33
3531,2	Construction and mining machinery .....	-	152.61	152.51	145.67	145.25	-	3.60	3.58	3.46	3.45
3533	Oil field machinery .....	-	143.12	141.04	134.28	140.49	-	3.29	3.28	3.13	3.15
3535,6	Conveyors, hoists, cranes, monorails ..	-	152.59	147.74	143.88	140.83	-	3.46	3.42	3.30	3.26
3537	Industrial trucks and tractors .....	-	147.61	144.86	128.13	125.66	-	3.37	3.33	3.11	3.08
354	Metal working machinery .....	174.27	172.22	170.11	159.07	159.07	3.89	3.87	3.84	3.64	3.64
3541	Machine tools, metal curving types .....	-	166.32	164.63	152.14	151.08	-	3.78	3.75	3.53	3.53
3544	Special dies, tools, jigs & fixtures ..	-	190.53	189.61	180.52	183.54	-	4.16	4.14	3.95	3.99
3545	Machine tool accessories .....	-	153.08	152.37	140.68	138.51	-	3.56	3.56	3.31	3.29
3542,8	Misc. metal working machinery .....	-	156.60	154.58	140.53	138.53	-	3.60	3.57	3.37	3.33
355	Special industry machinery .....	143.19	142.43	139.92	134.62	134.19	3.33	3.32	3.30	3.16	3.15
3551	Food products machinery .....	-	150.66	142.69	140.38	140.06	-	3.52	3.43	3.28	3.28
3552	Textile machinery .....	-	119.57	118.01	112.05	112.17	-	2.82	2.82	2.70	2.69
3555	Printing trades machinery .....	-	154.22	148.47	146.12	146.54	-	3.57	3.51	3.43	3.40
356	General industrial machinery .....	151.23	149.74	149.32	139.44	138.03	3.55	3.54	3.53	3.32	3.31
3561	Pumps and compressors .....	-	143.30	141.02	136.75	133.24	-	3.42	3.39	3.21	3.18
3562	Ball and roller bearings .....	-	154.34	156.59	142.54	143.79	-	3.64	3.65	3.41	3.44
3564	Blowers and fans .....	-	140.25	134.23	131.46	128.54	-	3.30	3.25	3.13	3.09
3566	Power transmission equipment .....	-	152.50	151.71	138.36	136.95	-	3.53	3.52	3.31	3.30
357	Office and computing machines .....	153.55	151.98	147.84	136.95	135.55	3.63	3.61	3.52	3.30	3.29
3573	Electronic computing equipment .....	-	151.79	151.63	138.65	139.10	-	3.58	3.51	3.27	3.25
358	Service industry machines .....	132.99	131.20	132.25	122.31	121.71	3.22	3.20	3.21	3.02	3.02
3585	Refrigeration machinery .....	-	134.55	135.94	124.44	123.62	-	3.25	3.26	3.05	3.06
359	Misc. machinery, except electrical .....	146.63	147.40	146.97	138.46	138.35	3.41	3.42	3.41	3.22	3.21

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
		<i>Durable Goods--Continued</i>									
33	PRIMARY METAL INDUSTRIES . . . . .	42.1	41.9	42.1	42.4	42.2	-	4.1	4.1	4.3	4.2
331	Blast furnace and basic steel products . . . . .	(*)	41.5	41.9	42.2	41.9	-	3.3	3.2	3.7	3.6
3312	Blast furnaces and steel mills . . . . .	-	41.3	41.9	42.1	41.7	-	-	-	-	-
332	Iron and steel foundries . . . . .	42.1	42.0	42.0	42.5	42.4	-	4.8	4.9	5.1	4.9
3321	Gray iron foundries . . . . .	-	41.8	41.8	43.0	43.2	-	-	-	-	-
3322	Malleable iron foundries . . . . .	-	40.9	41.2	40.9	40.3	-	-	-	-	-
3323	Steel foundries . . . . .	-	42.8	42.6	41.8	41.4	-	-	-	-	-
333,4	Nonferrous metals . . . . .	42.5	41.9	42.3	42.0	42.2	-	4.4	4.3	4.2	4.1
3334	Primary aluminum . . . . .	-	41.5	41.6	41.0	41.2	-	-	-	-	-
335	Nonferrous rolling and drawing . . . . .	43.7	43.1	43.1	43.5	44.0	-	5.4	5.2	5.1	5.4
3351	Copper rolling and drawing . . . . .	-	44.1	43.4	44.3	43.3	-	-	-	-	-
3352	Aluminum rolling and drawing . . . . .	-	42.8	42.9	43.9	45.6	-	-	-	-	-
3357	Nonferrous wire drawing and insulating . . . . .	-	42.7	43.2	42.9	43.1	-	-	-	-	-
336	Nonferrous foundries . . . . .	41.4	41.2	41.1	41.3	41.1	-	4.0	3.9	4.0	3.8
3361	Aluminum castings . . . . .	-	41.1	41.2	41.7	41.6	-	-	-	-	-
3362,9	Other nonferrous castings . . . . .	-	41.4	41.1	40.9	40.5	-	-	-	-	-
339	Miscellaneous primary metal products . . . . .	42.0	42.3	42.1	41.9	41.9	-	5.1	5.2	4.9	4.8
3391	Iron and steel forgings . . . . .	-	42.3	42.3	41.4	41.4	-	-	-	-	-
34	FABRICATED METAL PRODUCTS . . . . .	42.0	41.6	41.4	42.1	41.9	-	4.2	4.0	4.3	4.1
341	Metal cans . . . . .	44.4	43.9	42.8	45.0	43.9	-	5.1	4.7	5.7	4.6
342	Cutlery, hand tools, and hardware . . . . .	40.7	40.6	40.7	41.1	41.2	-	3.1	3.1	3.1	3.2
3421,3,5	Cutlery and hand tools, incl. saws . . . . .	-	41.5	41.2	41.2	40.7	-	-	-	-	-
3429	Hardware, n e c . . . . .	-	40.1	40.4	41.0	41.5	-	-	-	-	-
343	Plumbing and heating, except electric . . . . .	41.7	40.7	40.8	40.6	40.5	-	3.5	3.1	3.0	2.8
3431,2	Sanitary ware & plumbers' brass goods . . . . .	-	41.6	41.5	40.9	41.0	-	-	-	-	-
3433	Heating equipment, except electric . . . . .	-	39.9	40.1	40.3	40.0	-	-	-	-	-
344	Fabricated structural metal products . . . . .	41.8	41.4	40.9	41.6	41.2	-	3.8	3.5	3.6	3.6
3441	Fabricated structural steel . . . . .	-	41.1	40.7	42.1	41.6	-	-	-	-	-
3442	Metal doors, sash, and trim . . . . .	-	40.6	39.7	40.9	40.5	-	-	-	-	-
3443	Fabricated plate work (boiler shops) . . . . .	-	42.3	41.8	41.8	41.3	-	-	-	-	-
3444	Sheet metal work . . . . .	-	41.2	41.3	41.4	41.0	-	-	-	-	-
3446,9	Architectural and misc. metal work . . . . .	-	41.4	40.7	41.2	41.5	-	-	-	-	-
345	Screw machine products, bolts, etc. . . . .	43.7	43.5	43.2	43.1	42.9	-	6.0	5.6	5.3	5.1
3451	Screw machine products . . . . .	-	42.9	42.5	42.6	42.2	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers . . . . .	-	44.1	43.9	43.6	43.6	-	-	-	-	-
346	Metal stampings . . . . .	42.2	41.9	41.5	43.5	43.6	-	4.7	4.6	5.9	5.6
347	Metal services, n e c . . . . .	41.6	41.0	40.9	40.4	40.5	-	4.4	4.1	3.8	3.8
348	Misc. fabricated wire products . . . . .	41.2	40.9	40.8	41.7	41.5	-	3.9	3.6	4.0	4.0
349	Misc. fabricated metal products . . . . .	42.0	41.6	41.6	42.0	41.6	-	3.9	3.9	4.0	3.7
3494,8	Valves, pipe, and pipe fittings . . . . .	-	41.9	41.8	42.0	41.9	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL . . . . .	42.8	42.7	42.6	42.2	42.1	-	4.5	4.4	4.0	3.9
351	Engines and turbines . . . . .	41.8	41.8	41.8	41.6	41.6	-	4.6	4.5	4.3	4.3
3511	Steam engines and turbines . . . . .	-	41.8	41.6	42.4	42.2	-	-	-	-	-
3519	Internal combustion engines, n e c . . . . .	-	41.8	41.9	41.3	41.4	-	-	-	-	-
352	Farm machinery . . . . .	-	39.9	40.3	39.9	39.7	-	2.3	2.5	2.1	2.0
353	Construction and related machinery . . . . .	43.3	43.0	42.8	42.3	42.5	-	4.3	4.4	4.1	4.0
3531,2	Construction and mining machinery . . . . .	-	42.4	42.6	42.1	42.1	-	-	-	-	-
3533	Oil field machinery . . . . .	-	43.5	43.0	42.9	44.6	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails . . . . .	-	44.1	43.2	43.6	43.2	-	-	-	-	-
3537	Industrial trucks and tractors . . . . .	-	43.8	43.5	41.2	40.8	-	-	-	-	-
354	Metal working machinery . . . . .	44.8	44.5	44.3	43.7	43.7	-	6.0	5.8	5.5	5.5
3541	Machine tools, metal cutting types . . . . .	-	44.0	43.9	43.1	42.8	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures . . . . .	-	45.8	45.8	45.7	46.0	-	-	-	-	-
3545	Machine tool accessories . . . . .	-	43.0	42.8	42.5	42.1	-	-	-	-	-
3542,8	Misc. metal working machinery . . . . .	-	43.5	43.3	41.7	41.6	-	-	-	-	-
355	Special industry machinery . . . . .	43.0	42.9	42.4	42.6	42.6	-	4.8	4.3	4.3	4.3
3551	Food products machinery . . . . .	-	42.8	41.6	42.8	42.7	-	-	-	-	-
3552	Textile machinery . . . . .	-	42.4	41.7	41.5	41.7	-	-	-	-	-
3555	Printing trades machinery . . . . .	-	43.2	42.3	42.6	43.1	-	-	-	-	-
356	General industrial machinery . . . . .	42.6	42.3	42.3	42.0	41.7	-	4.2	4.2	3.6	3.3
3561	Pumps and compressors . . . . .	-	41.9	41.6	42.6	41.9	-	-	-	-	-
3562	Ball and roller bearings . . . . .	-	42.4	42.9	41.8	41.8	-	-	-	-	-
3564	Blowers and fans . . . . .	-	42.5	41.3	42.0	41.6	-	-	-	-	-
3566	Power transmission equipment . . . . .	-	43.2	43.1	41.8	41.5	-	-	-	-	-
357	Office and computing machines . . . . .	42.3	42.1	42.0	41.5	41.2	-	3.4	3.2	2.5	2.2
3573	Electronic computing equipment . . . . .	-	42.4	43.2	42.4	42.8	-	-	-	-	-
358	Service industry machines . . . . .	41.3	41.0	41.2	40.5	40.3	-	3.2	3.4	2.6	2.3
3585	Refrigeration machinery . . . . .	-	41.4	41.7	40.8	40.4	-	-	-	-	-
359	Misc. machinery, except electrical . . . . .	43.0	43.1	43.1	43.0	43.1	-	5.2	5.3	5.1	5.0

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

# 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				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES . . .	\$125.66	\$124.24	\$122.92	\$118.15	\$116.58	\$3.08	\$3.06	\$3.05	\$2.91	\$2.90
361	Electric test & distributing equipment . . .	133.76	132.07	128.70	126.27	124.23	3.20	3.19	3.17	3.05	3.03
3611	Electric measuring instruments . . . . .	-	117.86	116.47	113.27	111.10	-	2.91	2.89	2.79	2.75
3612	Transformers . . . . .	-	132.25	128.88	128.34	125.05	-	3.21	3.19	3.10	3.08
3613	Switchgear and switchboard apparatus . .	-	143.82	138.17	134.40	134.18	-	3.40	3.37	3.20	3.21
362	Electrical industrial apparatus . . . . .	132.89	133.54	132.16	123.82	123.22	3.21	3.21	3.20	3.02	3.02
3621	Motors and generators . . . . .	-	134.05	135.20	125.25	125.05	-	3.23	3.25	3.04	3.05
3622	Industrial controls . . . . .	-	130.82	125.42	119.36	117.38	-	3.16	3.12	2.94	2.92
363	Household appliances . . . . .	136.29	133.42	134.31	128.64	125.02	3.30	3.27	3.30	3.13	3.11
3632	Household refrigerators and freezers . . .	-	146.62	150.90	139.67	135.47	-	3.55	3.61	3.39	3.37
3633	Household laundry equipment . . . . .	-	139.19	130.50	134.40	128.16	-	3.42	3.48	3.27	3.22
3634	Electric housewares and fans . . . . .	-	105.87	104.68	101.75	101.63	-	2.66	2.65	2.55	2.56
364	Electric lighting and wiring equipment . .	115.02	115.49	114.11	111.10	111.23	2.89	2.88	2.86	2.75	2.76
3641	Electric lamps . . . . .	-	113.94	112.86	110.68	111.78	-	2.87	2.85	2.76	2.76
3642	Lighting fixtures . . . . .	-	114.56	114.76	112.12	113.88	-	2.93	2.92	2.81	2.84
3643,4	Wiring devices . . . . .	-	117.26	114.62	110.84	109.88	-	2.86	2.83	2.71	2.70
365	Radio and TV receiving equipment . . . . .	103.60	102.26	100.58	96.22	94.57	2.67	2.67	2.64	2.48	2.45
366	Communication equipment . . . . .	144.32	141.70	139.26	131.75	128.47	3.42	3.39	3.38	3.19	3.18
3661	Telephone and telegraph apparatus . . . .	-	145.51	144.21	128.56	122.24	-	3.44	3.45	3.19	3.20
3662	Radio and TV communication equipment . .	-	139.78	136.61	133.34	131.87	-	3.36	3.34	3.19	3.17
367	Electronic components and accessories . .	106.13	105.34	103.62	101.24	99.79	2.68	2.66	2.63	2.55	2.52
3671-3	Electron tubes . . . . .	-	114.23	114.11	109.14	107.05	-	2.87	2.86	2.77	2.71
3674,9	Other electronic components . . . . .	-	103.36	101.39	99.50	98.21	-	2.61	2.58	2.50	2.48
369	Misc. electrical equipment & supplies . . .	139.33	137.42	136.27	129.92	130.24	3.39	3.36	3.34	3.20	3.20
3694	Engine electrical equipment . . . . .	-	143.62	142.91	135.41	137.16	-	3.52	3.52	3.36	3.37
37	TRANSPORTATION EQUIPMENT . . . . .	157.41	158.18	157.44	155.55	157.38	3.83	3.83	3.84	3.66	3.66
371	Motor vehicles and equipment . . . . .	(*)	166.43	166.45	168.35	172.66	(*)	4.02	4.04	3.87	3.88
3711	Motor vehicles . . . . .	-	170.95	165.63	171.39	178.25	-	4.08	4.11	3.94	3.97
3712	Passenger car bodies . . . . .	-	179.26	179.71	165.65	188.07	-	4.33	4.32	4.06	4.17
3713	Truck and bus bodies . . . . .	-	129.10	135.86	133.31	135.66	-	3.26	3.33	3.22	3.23
3714	Motor vehicle parts and accessories . . . .	-	167.28	171.79	173.16	172.27	-	4.07	4.10	3.90	3.88
3715	Truck trailers . . . . .	-	124.61	123.07	120.72	121.51	-	3.01	2.98	2.93	2.90
372	Aircraft and parts . . . . .	152.76	158.53	156.59	150.72	150.30	3.80	3.82	3.81	3.58	3.57
3721	Aircraft . . . . .	-	159.74	158.65	150.72	151.08	-	3.84	3.86	3.58	3.58
3722	Aircraft engines and engine parts . . . . .	-	155.88	154.31	148.10	148.73	-	3.83	3.81	3.63	3.61
3723,9	Other aircraft parts and equipment . . . . .	-	158.58	154.19	153.64	150.07	-	3.74	3.68	3.54	3.49
373	Ship and boat building and repairing . . . .	148.04	145.02	143.50	137.35	137.02	3.55	3.52	3.50	3.35	3.35
3731	Ship building and repairing . . . . .	-	153.78	152.59	145.14	144.43	-	3.76	3.74	3.54	3.54
3732	Boat building and repairing . . . . .	-	117.46	115.79	110.02	111.10	-	2.81	2.77	2.69	2.69
374	Railroad equipment . . . . .	-	156.49	151.24	139.48	135.02	-	3.78	3.80	3.54	3.48
375,9	Other transportation equipment . . . . .	-	115.71	114.23	112.61	114.39	-	2.90	2.87	2.76	2.79
38	INSTRUMENTS AND RELATED PRODUCTS . . .	128.84	127.08	125.96	120.88	119.88	3.15	3.13	3.11	2.97	2.96
381	Engineering & scientific instruments . . . .	-	146.50	145.18	137.03	135.55	-	3.53	3.49	3.31	3.29
382	Mechanical measuring & control devices . .	127.70	125.96	124.12	117.89	118.08	3.13	3.11	3.08	2.94	2.93
3821	Mechanical measuring devices . . . . .	-	129.47	125.64	120.39	120.29	-	3.15	3.11	2.98	2.97
3822	Automatic temperature controls . . . . .	-	122.19	122.61	114.73	115.78	-	3.07	3.05	2.89	2.88
383,5	Optical and ophthalmic goods . . . . .	120.47	120.47	118.67	112.06	110.95	2.96	2.96	2.93	2.76	2.76
385	Ophthalmic goods . . . . .	-	109.62	108.94	102.11	100.44	-	2.72	2.71	2.54	2.53
384	Medical instruments and supplies . . . . .	110.42	109.34	107.60	103.60	103.06	2.74	2.72	2.69	2.59	2.57
386	Photographic equipment and supplies . . . .	(*)	149.82	149.70	144.93	144.06	(*)	3.61	3.59	3.41	3.43
387	Watches, clocks, and watchcases . . . . .	-	98.55	98.18	95.69	93.48	-	2.54	2.55	2.46	2.46
39	MISC. MANUFACTURING INDUSTRIES . . . . .	104.54	102.96	102.44	99.00	98.75	2.66	2.64	2.62	2.50	2.50
391	Jewelry, silverware, and plated ware . . . .	113.97	114.55	114.34	112.59	112.44	2.90	2.90	2.88	2.78	2.79
394	Toys and sporting goods . . . . .	-	90.20	90.06	88.98	89.21	-	2.38	2.37	2.27	2.27
3941-3	Games, toys, dolls & play vehicles . . . . .	-	84.22	85.04	84.37	85.19	-	2.27	2.28	2.18	2.19
3949	Sporting and athletic goods, n e c . . . . .	-	97.89	96.47	96.40	95.36	-	2.51	2.48	2.41	2.39
395	Pens, pencils, office and art supplies . . . .	-	105.59	105.06	96.53	97.42	-	2.62	2.62	2.45	2.46
396	Costume jewelry and notions . . . . .	-	95.69	95.26	93.30	91.10	-	2.46	2.43	2.35	2.33
393,8,9	Other manufacturing industries . . . . .	113.43	111.50	110.60	105.60	104.68	2.85	2.83	2.80	2.66	2.65
393	Musical instruments and parts . . . . .	-	109.02	109.42	106.40	107.47	-	2.76	2.77	2.66	2.68
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS . . . . .	120.25	119.48	117.89	115.08	113.68	2.94	2.95	2.94	2.80	2.80
201	Meat products . . . . .	126.48	126.07	124.00	122.72	121.36	3.07	3.09	3.10	2.95	2.96
2011	Meat packing plants . . . . .	-	148.99	147.85	145.95	145.61	-	3.59	3.58	3.41	3.41
2013	Sausages and other prepared meats . . . . .	-	138.72	136.96	132.89	129.43	-	3.40	3.39	3.21	3.18
2015	Poultry dressing plants . . . . .	-	79.60	74.43	75.45	72.58	-	2.01	1.99	1.91	1.90

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



## 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				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
<i>Durable Goods--Continued</i>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	40.8	40.6	40.3	40.6	40.2	-	2.9	2.7	2.6	2.4
361	Electric test & distributing equipment ..	41.8	41.4	40.6	41.4	41.0	-	3.2	2.9	2.9	2.8
3611	Electric measuring instruments .....	-	40.5	40.3	40.6	40.4	-	-	-	-	-
3612	Transformers .....	-	41.2	40.4	41.4	40.6	-	-	-	-	-
3613	Switchgear and switchboard apparatus ..	-	42.3	41.0	42.0	41.8	-	-	-	-	-
362	Electrical industrial apparatus .....	41.4	41.6	41.3	41.0	40.8	-	3.7	3.8	3.0	2.9
3621	Motors and generators .....	-	41.5	41.6	41.2	41.0	-	-	-	-	-
3622	Industrial controls .....	-	41.4	40.2	40.6	40.2	-	-	-	-	-
363	Household appliances .....	41.3	40.8	40.7	41.1	40.2	-	3.0	3.1	3.0	2.3
3632	Household refrigerators and freezers ..	-	41.3	41.8	41.2	40.2	-	-	-	-	-
3633	Household laundry equipment .....	-	40.7	37.5	41.1	39.8	-	-	-	-	-
3634	Electric housewares and fans .....	-	39.8	39.5	39.9	39.7	-	-	-	-	-
364	Electric lighting and wiring equipment ..	39.8	40.1	39.9	40.4	40.3	-	2.6	2.6	2.5	2.6
3641	Electric lamps .....	-	39.7	39.6	40.1	40.5	-	-	-	-	-
3642	Lighting fixtures .....	-	39.1	39.3	39.9	40.1	-	-	-	-	-
3643,4	Wiring devices .....	-	41.0	40.5	40.9	40.4	-	-	-	-	-
365	Radio and TV receiving equipment .....	38.8	38.3	38.1	38.8	38.6	-	1.4	1.3	1.4	1.3
366	Communication equipment .....	42.2	41.8	41.2	41.3	40.4	-	3.4	3.0	2.7	2.5
3661	Telephone and telegraph apparatus .....	-	42.3	41.8	40.3	38.2	-	-	-	-	-
3662	Radio and TV communication equipment ..	-	41.6	40.9	41.8	41.6	-	-	-	-	-
367	Electronic components and accessories ..	39.6	39.6	39.4	39.7	39.6	-	2.3	2.1	2.2	2.2
3671-3	Electron tubes .....	-	39.8	39.9	39.4	39.5	-	-	-	-	-
3674,9	Other electronic components .....	-	39.6	39.3	39.8	39.6	-	-	-	-	-
369	Misc. electrical equipment & supplies ..	41.1	40.9	40.8	40.6	40.7	-	3.0	3.0	2.9	2.9
3694	Engine electrical equipment .....	-	40.8	40.6	40.3	40.7	-	-	-	-	-
37	<b>TRANSPORTATION EQUIPMENT</b>	41.1	41.3	41.0	42.5	43.0	-	3.5	3.5	4.8	4.9
371	Motor vehicles and equipment .....	(*)	41.4	41.2	43.5	44.5	-	4.1	4.0	6.1	6.5
3711	Motor vehicles .....	-	41.9	40.3	43.5	44.9	-	-	-	-	-
3712	Passenger car bodies .....	-	41.4	41.6	40.8	45.1	-	-	-	-	-
3713	Truck and bus bodies .....	-	39.6	40.8	41.4	42.0	-	-	-	-	-
3714	Motor vehicle parts and accessories .....	-	41.1	41.9	44.4	44.4	-	-	-	-	-
3715	Truck trailers .....	-	41.4	41.3	41.2	41.9	-	-	-	-	-
372	Aircraft and parts .....	40.2	41.5	41.1	42.1	42.1	-	2.8	2.8	3.8	3.6
3721	Aircraft .....	-	41.6	41.1	42.1	42.2	-	-	-	-	-
3722	Aircraft engines and engine parts .....	-	40.7	40.5	40.8	41.2	-	-	-	-	-
3723,9	Other aircraft parts and equipment .....	-	42.4	41.9	43.4	43.0	-	-	-	-	-
373	Ship and boat building and repairing .....	41.7	41.2	41.0	41.0	40.9	-	3.8	3.7	3.8	3.6
3731	Ship building and repairing .....	-	40.9	40.8	41.0	40.8	-	-	-	-	-
3732	Boat building and repairing .....	-	41.8	41.8	40.9	41.3	-	-	-	-	-
374	Railroad equipment .....	-	41.4	39.8	39.4	38.8	-	3.2	3.6	2.0	1.1
375,9	Other transportation equipment .....	-	39.9	39.8	40.8	41.0	-	3.0	3.0	3.5	3.7
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	40.9	40.6	40.5	40.7	40.5	-	2.9	2.7	2.5	2.5
381	Engineering & scientific instruments .....	-	41.5	41.6	41.4	41.2	-	3.2	3.2	2.6	2.6
382	Mechanical measuring & control devices ..	40.8	40.5	40.3	40.1	40.3	-	3.1	3.0	2.4	2.7
3821	Mechanical measuring devices .....	-	41.1	40.4	40.4	40.5	-	-	-	-	-
3822	Automatic temperature controls .....	-	39.8	40.2	39.7	40.2	-	-	-	-	-
383,5	Optical and ophthalmic goods .....	40.7	40.7	40.5	40.6	40.2	-	2.7	2.6	2.3	2.2
385	Ophthalmic goods .....	-	40.3	40.2	40.2	39.7	-	2.6	2.7	2.3	2.0
384	Medical instruments and supplies .....	40.3	40.2	40.0	40.0	40.1	-	2.3	2.3	2.2	2.2
386	Photographic equipment and supplies .....	(*)	41.5	41.7	42.5	42.0	-	3.4	3.0	3.5	3.5
387	Watches, clocks, and watch cases .....	-	38.8	38.5	38.9	38.0	-	1.8	1.6	1.5	1.1
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	39.3	39.0	39.1	39.6	39.5	-	2.4	2.4	2.5	2.4
391	Jewelry, silverware, and plated ware .....	39.3	39.5	39.7	40.5	40.3	-	2.5	2.7	2.7	2.9
394	Toys and sporting goods .....	-	37.9	38.0	39.2	39.3	-	1.9	2.0	2.5	2.4
3941-3	Games, toys, dolls, & play vehicles .....	-	37.1	37.3	38.7	38.9	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c. ....	-	39.0	38.9	40.0	39.9	-	-	-	-	-
395	Pens, pencils, office and art supplies .....	-	40.3	40.1	39.4	39.6	-	2.1	2.1	2.0	1.8
396	Costume jewelry and notions .....	-	38.9	39.2	39.7	39.1	-	2.7	2.5	3.0	2.5
393,8,9	Other manufacturing industries .....	39.8	39.4	39.5	39.7	39.5	-	2.7	2.5	2.5	2.3
393	Musical instruments and parts .....	-	39.5	39.5	40.0	40.1	-	2.1	2.5	2.1	2.3
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	40.9	40.5	40.1	41.1	40.6	-	4.0	3.8	4.4	3.9
201	Meat products .....	41.2	40.8	40.0	41.6	41.0	-	4.6	4.0	4.8	4.5
2011	Meat packing plants .....	-	41.5	41.3	42.8	42.7	-	-	-	-	-
2013	Sausages and other prepared meats .....	-	40.8	40.4	41.4	40.7	-	-	-	-	-
2015	Poultry dressing plants .....	-	39.6	37.4	39.5	38.2	-	-	-	-	-

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

# ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers' on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
<i>Nondurable Goods--Continued</i>											
<b>FOOD AND KINDRED PRODUCTS--Continued</b>											
202	Dairy products .....	\$126.78	\$125.40	\$123.67	\$120.84	\$118.86	\$2.99	\$3.00	\$2.98	\$2.83	\$2.83
2024	Ice cream and frozen desserts .....	-	120.42	115.42	119.28	117.10	-	2.93	2.90	2.84	2.87
2026	Fluid milk .....	-	132.93	130.73	127.28	124.66	-	3.15	3.12	2.96	2.94
203	Canned, cured, and frozen foods .....	-	97.52	95.88	91.06	91.68	-	2.52	2.51	2.39	2.40
2031,6	Canned, cured, and frozen sea foods .....	-	84.27	82.57	79.42	76.74	-	2.29	2.30	2.17	2.12
2032,3	Canned food, except sea foods .....	-	103.89	102.82	96.61	100.84	-	2.63	2.65	2.49	2.54
2037	Frozen fruits and vegetables .....	-	90.95	90.48	82.73	82.21	-	2.35	2.32	2.23	2.24
204	Grain mill products .....	133.65	134.09	134.81	128.37	124.83	2.99	3.02	3.05	2.84	2.85
2041	Flour and other grain mill products .....	-	136.35	139.54	131.62	125.99	-	3.03	3.06	2.88	2.87
2042	Prepared feeds for animals and fowls .....	-	122.13	122.58	116.72	112.08	-	2.69	2.73	2.51	2.53
205	Bakery products .....	121.39	118.50	116.03	113.96	112.44	2.99	2.97	2.93	2.80	2.79
2051	Bread, cake, and related products .....	-	120.70	117.12	114.90	114.21	-	3.01	2.95	2.83	2.82
2052	Cookies and crackers .....	-	111.90	111.50	109.75	106.00	-	2.84	2.83	2.69	2.67
206	Sugar .....	-	126.32	124.16	124.97	123.87	-	3.19	3.20	3.14	3.16
207	Confectionery and related products .....	102.05	101.00	99.45	98.89	96.62	2.59	2.57	2.55	2.46	2.44
2071	Confectionery products .....	-	97.11	95.73	96.00	93.77	-	2.49	2.48	2.40	2.38
208	Beverages .....	140.63	134.52	134.80	134.05	127.84	3.43	3.38	3.37	3.23	3.18
2082	Malt liquors .....	-	179.22	179.66	176.82	165.65	-	4.35	4.35	4.20	4.05
2086	Bottled and canned soft drinks .....	-	103.48	101.63	103.74	97.36	-	2.60	2.56	2.47	2.44
209	Misc. foods and kindred products .....	121.38	120.06	118.24	115.78	114.40	2.89	2.90	2.87	2.75	2.75
21	<b>TOBACCO MANUFACTURES</b> .....	110.40	102.92	95.94	102.31	98.14	2.76	2.73	2.68	2.63	2.61
211	Cigarettes .....	-	121.48	112.77	119.87	113.77	-	3.18	3.15	3.05	3.05
212	Cigars .....	-	75.60	73.75	77.37	75.82	-	2.06	2.06	2.02	1.99
22	<b>TEXTILE MILL PRODUCTS</b> .....	95.22	94.07	92.92	90.69	89.40	2.30	2.30	2.30	2.18	2.17
221	Weaving mills, cotton .....	94.43	92.62	92.16	87.54	86.69	2.27	2.27	2.27	2.13	2.13
222	Weaving mills, synthetics .....	99.96	99.68	99.26	95.26	93.50	2.33	2.34	2.33	2.20	2.20
223	Weaving and finishing mills, wool .....	102.05	103.49	102.82	99.64	96.75	2.39	2.39	2.38	2.28	2.25
224	Narrow fabric mills .....	94.58	93.89	89.44	89.86	88.17	2.29	2.29	2.27	2.16	2.14
225	Knitting mills .....	87.36	86.69	84.07	84.16	83.32	2.24	2.24	2.23	2.12	2.12
2251	Women's hosiery, except socks .....	-	85.69	85.03	83.39	83.81	-	2.22	2.22	2.09	2.09
2252	Hosiery, n e c .....	-	75.48	71.05	73.91	71.97	-	2.04	2.03	1.95	1.94
2253	Knit outerwear mills .....	-	88.60	84.35	87.19	86.91	-	2.35	2.33	2.23	2.24
2254	Knit underwear mills .....	-	78.45	77.46	78.60	77.20	-	2.07	2.06	2.00	2.00
226	Textile finishing, except wool .....	104.68	102.97	102.48	99.53	99.10	2.44	2.44	2.44	2.32	2.31
227	Floor covering mills .....	-	98.94	98.12	97.22	95.24	-	2.35	2.37	2.24	2.22
228	Yarn and thread mills .....	89.02	87.95	87.72	85.46	84.45	2.14	2.14	2.15	2.03	2.03
229	Miscellaneous textile goods .....	111.37	108.45	107.10	103.94	104.00	2.59	2.57	2.55	2.44	2.43
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	84.08	82.44	81.85	80.30	79.50	2.31	2.29	2.28	2.20	2.19
231	Men's and boys' suits and coats .....	107.44	103.79	101.68	99.68	93.99	2.82	2.71	2.69	2.63	2.48
232	Men's and boys' furnishings .....	72.89	72.10	72.07	71.62	71.04	1.97	1.97	1.98	1.92	1.92
2321	Men's and boys' shirts and nightwear .....	-	69.48	69.26	70.12	69.54	-	1.93	1.94	1.89	1.90
2327	Men's and boys' separate trousers .....	-	73.48	73.68	72.58	71.63	-	1.97	1.97	1.91	1.90
2328	Men's and boys' work clothing .....	-	72.36	72.15	70.87	70.31	-	1.94	1.95	1.90	1.89
233	Women's and misses' outerwear .....	85.81	84.38	84.87	81.42	80.84	2.48	2.46	2.46	2.36	2.35
2331	Women's and misses' blouses and waists .....	-	75.17	74.74	72.10	71.00	-	2.16	2.16	2.06	2.07
2335	Women's and misses' dresses .....	-	86.10	88.58	80.83	83.55	-	2.57	2.59	2.42	2.45
2337	Women's and misses' suits and coats .....	-	92.21	89.64	93.18	85.76	-	2.72	2.70	2.67	2.56
2339	Women's and misses' outerwear, n e c .....	-	77.83	79.06	74.98	74.93	-	2.15	2.16	2.06	2.07
234	Women's and children's undergarments .....	75.50	75.60	74.55	74.17	73.93	2.08	2.10	2.10	2.01	2.02
2341	Women's and children's underwear .....	-	73.49	72.27	73.11	72.89	-	2.03	2.03	1.96	1.97
2342	Corsets and allied garments .....	-	79.88	79.07	77.11	76.25	-	2.25	2.24	2.13	2.13
235	Hats, caps, and millinery .....	-	76.04	76.59	76.96	75.81	-	2.13	2.11	2.12	2.10
236	Children's outerwear .....	77.11	76.18	73.64	75.44	73.95	2.13	2.14	2.11	2.05	2.06
2361	Children's dresses and blouses .....	-	76.11	73.08	74.91	73.03	-	2.12	2.10	2.03	2.04
237,8	Fur goods and miscellaneous apparel .....	-	86.99	84.24	84.91	83.75	-	2.43	2.40	2.32	2.32
239	Misc. fabricated textile products .....	93.56	91.58	89.49	87.86	88.70	2.43	2.41	2.38	2.30	2.31
2391,2	Housefurnishings .....	-	77.32	76.91	72.74	71.02	-	2.04	2.04	1.95	1.93
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	139.10	136.74	135.99	130.59	129.13	3.22	3.18	3.17	3.03	3.01
261,2,6	Paper and pulp mills .....	158.42	156.80	158.20	147.52	147.18	3.56	3.50	3.50	3.33	3.30
263	Paperboard mills .....	162.44	160.72	159.00	151.30	150.52	3.57	3.54	3.51	3.34	3.33
264	Misc. converted paper products .....	121.35	120.47	118.66	113.85	113.16	2.91	2.91	2.88	2.75	2.74
2643	Bags, except textile bags .....	-	111.79	112.20	107.79	106.49	-	2.74	2.73	2.61	2.61
265	Paperboard containers and boxes .....	126.05	123.02	120.60	119.14	116.62	2.98	2.95	2.92	2.81	2.79
2651,2	Folding and setup paperboard boxes .....	-	112.34	108.54	107.01	105.15	-	2.74	2.70	2.61	2.59
2653	Corrugated and solid fiber boxes .....	-	131.44	129.67	126.87	124.53	-	3.10	3.08	2.93	2.93
2654	Sanitary food containers .....	-	122.35	120.25	120.55	117.17	-	2.92	2.87	2.81	2.77

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

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers'  
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours					
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968	
	<i>Nondurable Goods--Continued</i>											
	<b>FOOD AND KINDRED PRODUCTS--Continued</b>											
202	Dairy products.....	42.4	41.8	41.5	42.7	42.0	-	4.1	3.7	4.5	4.2	
2024	Ice cream and frozen desserts.....	-	41.1	39.8	42.0	40.8	-	-	-	-	-	
2026	Fluid milk.....	-	42.2	41.9	43.0	42.4	-	-	-	-	-	
203	Canned, cured, and frozen foods.....	-	38.7	38.2	38.1	38.2	-	3.0	3.0	3.4	2.8	
2031,6	Canned, cured and frozen sea foods.	-	36.8	35.9	36.6	36.2	-	-	-	-	-	
2032,3	Canned food, except sea foods.....	-	39.5	38.8	38.8	39.7	-	-	-	-	-	
2037	Frozen fruits and vegetables.....	-	38.7	39.0	37.1	36.7	-	-	-	-	-	
204	Grain mill products.....	44.7	44.4	44.2	45.2	43.8	-	6.5	6.2	6.9	5.7	
2041	Flour and other grain mill product..	-	45.0	45.6	45.7	43.9	-	-	-	-	-	
2042	Prepared feeds for animals and fowls	-	45.4	44.9	46.5	44.3	-	-	-	-	-	
205	Bakery products.....	40.6	39.9	39.6	40.7	40.3	-	3.8	3.6	4.0	3.8	
2051	Bread, cake, and related products..	-	40.1	39.7	40.6	40.5	-	-	-	-	-	
2052	Cookies and crackers.....	-	39.4	39.4	40.8	39.7	-	-	-	-	-	
206	Sugar.....	-	39.6	38.8	39.8	39.2	-	2.8	3.3	3.0	2.6	
207	Confectionery and related products..	39.4	39.3	39.0	40.2	39.6	-	2.6	2.4	2.9	2.5	
2071	Confectionery products.....	-	39.0	38.6	40.0	39.4	-	-	-	-	-	
208	Beverages.....	41.0	39.8	40.0	41.5	40.2	-	3.5	3.5	4.5	3.2	
2082	Malt liquors.....	-	41.2	41.3	42.1	40.8	-	-	-	-	-	
2086	Bottled and canned soft drinks.....	-	39.8	39.7	42.0	39.9	-	-	-	-	-	
209	Misc. foods and kindred products.....	42.0	41.4	41.2	42.1	41.6	-	4.7	4.6	4.6	4.7	
21	<b>TOBACCO MANUFACTURES.....</b>	40.0	37.7	35.8	38.9	37.6	-	1.1	.9	1.9	1.8	
211	Cigarettes.....	-	38.2	35.8	39.3	37.3	-	1.1	.6	2.2	2.1	
212	Cigars.....	-	36.7	35.8	38.3	38.1	-	1.2	1.2	1.7	1.5	
22	<b>TEXTILE MILL PRODUCTS.....</b>	41.4	40.9	40.4	41.6	41.2	-	3.9	3.8	4.2	4.0	
221	Weaving mills, cotton.....	41.6	40.8	40.6	41.1	40.7	-	3.8	3.7	3.9	3.7	
222	Weaving mills, synthetics.....	42.9	42.6	42.6	43.3	42.5	-	4.8	4.8	5.2	4.7	
223	Weaving and finishing mills, wool....	42.7	43.3	43.2	43.7	43.0	-	5.4	5.6	5.3	4.8	
224	Narrow fabric mills.....	41.3	41.0	39.4	41.6	41.2	-	3.4	2.6	3.8	3.4	
225	Knitting mills.....	39.0	38.7	37.7	39.7	39.3	-	2.6	2.4	3.2	2.8	
2251	Women's hosiery, except socks.....	-	38.6	38.3	39.9	40.1	-	-	-	-	-	
2252	Hosiery, n e c.....	-	37.0	35.0	37.9	37.1	-	-	-	-	-	
2253	Knit outerwear mills.....	-	37.7	36.2	39.1	38.8	-	-	-	-	-	
2254	Knit underwear mills.....	-	37.9	37.6	39.3	38.6	-	-	-	-	-	
226	Textile finishing, except wool.....	42.9	42.2	42.0	42.9	42.9	-	4.9	4.9	5.3	5.1	
227	Floor covering mills.....	-	42.1	41.4	43.4	42.9	-	4.6	4.6	5.2	4.9	
228	Yarn and thread mills.....	41.6	41.1	40.8	42.1	41.6	-	4.1	4.2	4.5	4.4	
229	Miscellaneous textile goods.....	43.0	42.2	42.0	42.6	42.8	-	4.7	4.5	4.7	4.9	
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	36.4	36.0	35.9	36.5	36.3	-	1.3	1.3	1.4	1.3	
231	Men's and boys' suits and coats.....	38.1	38.3	37.8	37.9	37.9	-	1.6	1.7	1.3	1.3	
232	Men's and boys' furnishings.....	37.0	36.6	36.4	37.3	37.0	-	1.1	1.0	1.3	1.1	
2321	Men's and boys' shirts and nightwear	-	36.0	35.7	37.1	36.6	-	-	-	-	-	
2327	Men's and boys' separate trousers....	-	37.3	37.4	38.0	37.7	-	-	-	-	-	
2328	Men's and boys' work clothing.....	-	37.3	37.0	37.3	37.2	-	-	-	-	-	
233	Women's and misses' outerwear.....	34.6	34.3	34.5	34.5	34.4	-	1.3	1.3	1.3	1.3	
2331	Women's and misses' blouses and waists	-	34.8	34.6	35.0	34.3	-	-	-	-	-	
2335	Women's and misses' dresses.....	-	33.5	34.2	33.4	34.1	-	-	-	-	-	
2337	Women's and misses' suits and coats..	-	33.9	33.2	34.9	33.5	-	-	-	-	-	
2339	Women's and misses' outerwear, n e c	-	36.2	36.6	36.4	36.2	-	-	-	-	-	
234	Women's and children's undergarments..	36.3	36.0	35.5	36.9	36.6	-	1.1	1.0	1.4	1.2	
2341	Women's and children's underwear....	-	36.2	35.6	37.3	37.0	-	-	-	-	-	
2342	Corsets and allied garments.....	-	35.5	35.3	36.2	35.8	-	-	-	-	-	
235	Hats, caps, and millinery.....	-	35.7	36.3	36.3	36.1	-	1.3	1.4	1.1	1.1	
236	Children's outerwear.....	36.2	35.6	34.9	36.8	35.9	-	1.0	1.0	1.6	1.3	
2361	Children's dresses and blouses.....	-	35.9	34.8	36.9	35.8	-	-	-	-	-	
237,8	Fur goods and miscellaneous apparel..	-	35.8	35.1	36.6	36.1	-	1.0	.8	1.2	1.2	
239	Misc. fabricated textile products.....	38.5	38.0	37.6	38.2	38.4	-	2.0	1.9	2.0	2.2	
2391,2	Housefurnishings.....	-	37.9	37.7	37.3	36.8	-	-	-	-	-	
26	<b>PAPER AND ALLIED PRODUCTS.....</b>	43.2	43.0	42.9	43.1	42.9	-	5.4	5.3	5.3	5.2	
261,2,6	Paper and pulp mills.....	44.5	44.8	45.2	44.3	44.6	-	6.6	7.1	6.3	6.4	
263	Paperboard mills.....	45.5	45.4	45.3	45.3	45.2	-	7.7	7.1	7.4	7.3	
264	Misc. converted paper products.....	41.7	41.4	41.2	41.4	41.3	-	3.9	3.8	3.7	3.6	
2643	Bags, except textile bags.....	-	40.8	41.1	41.3	40.8	-	-	-	-	-	
265	Paperboard containers and boxes.....	42.3	41.7	41.3	42.4	41.8	-	4.5	4.3	4.7	4.4	
2651,2	Folding and setup paperboard boxes..	-	41.0	40.2	41.0	40.6	-	-	-	-	-	
2653	Corrugated and solid fiber boxes....	-	42.4	42.1	43.3	42.5	-	-	-	-	-	
2654	Sanitary food containers.....	-	41.9	41.9	42.9	42.3	-	-	-	-	-	

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

# 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				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
<i>Nondurable Goods--Continued</i>											
27	PRINTING AND PUBLISHING .....	\$140.93	\$140.56	\$138.68	\$132.94	\$131.45	\$3.67	\$3.67	\$3.64	\$3.48	\$3.45
271	Newspapers.....	147.86	146.25	141.73	137.23	135.75	4.04	4.04	3.97	3.77	3.75
272	Periodicals.....	-	158.73	156.18	151.66	147.55	-	3.90	3.80	3.69	3.59
273	Books.....	-	131.78	127.52	119.89	121.47	-	3.23	3.18	3.02	2.97
275	Commercial printing .....	143.56	142.76	142.01	135.41	133.60	3.70	3.67	3.66	3.49	3.47
2751	Commercial printing, ex. lithographic .....	-	138.22	137.50	133.52	131.03	-	3.59	3.59	3.45	3.43
2752	Commercial printing, lithographic....	-	148.92	148.90	139.16	138.41	-	3.77	3.76	3.55	3.54
278	Blankbooks and bookbinding .....	109.06	107.06	105.92	103.03	102.41	2.84	2.81	2.78	2.69	2.66
274,6,7,9	Other publishing & printing ind.....	139.35	139.03	139.80	134.05	133.35	3.61	3.63	3.65	3.50	3.50
28	CHEMICALS AND ALLIED PRODUCTS .....	144.48	142.96	142.46	136.27	135.01	3.44	3.42	3.40	3.26	3.23
281	Industrial chemicals .....	162.31	159.94	159.89	152.70	150.72	3.81	3.79	3.78	3.61	3.58
2812	Alkalies and chlorine .....	-	162.35	159.68	151.52	150.06	-	3.82	3.82	3.66	3.59
2818	Industrial organic chemicals, n e c.....	-	168.82	171.68	160.82	160.74	-	4.01	4.03	3.82	3.80
2819	Industrial inorganic chemicals, n e c.....	-	152.21	150.95	144.56	142.27	-	3.65	3.62	3.45	3.42
282	Plastics materials and synthetics .....	143.99	142.21	141.71	137.70	136.43	3.38	3.37	3.35	3.24	3.21
2821	Plastics materials and resins .....	-	155.09	153.64	147.50	146.06	-	3.59	3.54	3.36	3.35
2823,4	Synthetic fibers .....	-	128.86	129.17	126.88	125.82	-	3.12	3.12	3.05	3.01
283	Drugs.....	133.74	134.15	133.66	121.47	121.69	3.27	3.28	3.26	2.97	2.99
2834	Pharmaceutical preparations .....	-	130.17	128.24	117.27	116.51	-	3.23	3.19	2.91	2.92
284	Soap, cleaners, and toilet goods.....	138.84	136.82	136.08	129.02	128.47	3.37	3.37	3.36	3.17	3.18
2841	Soap and other detergents.....	-	174.72	171.40	161.32	158.95	-	4.18	4.15	3.85	3.83
2844	Toilet preparations .....	-	111.39	111.95	102.83	102.43	-	2.82	2.82	2.63	2.64
285	Paints and allied products .....	135.38	136.54	134.96	128.24	128.96	3.27	3.29	3.26	3.09	3.10
287	Agricultural chemicals .....	119.56	122.20	123.20	114.75	114.31	2.84	2.79	2.75	2.70	2.64
2871,2	Fertilizers, complete & mixing only .....	-	117.75	118.49	109.39	110.49	-	2.67	2.61	2.58	2.54
286,9	Other chemical products.....	136.29	135.46	135.05	129.47	129.37	3.30	3.28	3.27	3.15	3.14
2892	Explosives .....	-	138.72	136.68	132.66	134.97	-	3.40	3.40	3.30	3.30
29	PETROLEUM AND COAL PRODUCTS .....	172.86	173.26	174.10	158.90	159.64	4.02	4.02	4.03	3.73	3.73
291	Petroleum refining.....	179.78	181.05	183.61	164.67	167.03	4.25	4.25	4.26	3.93	3.93
295,9	Other petroleum and coal products .....	151.18	147.39	140.91	140.26	134.77	3.33	3.29	3.24	3.11	3.07
30	RUBBER AND PLASTICS PRODUCTS, N E C .....	126.99	125.25	123.82	121.64	120.22	3.06	3.04	3.02	2.91	2.89
301	Tires and inner tubes .....	187.65	185.06	180.89	180.24	178.48	4.17	4.14	4.13	3.97	3.94
302,3,6	Other rubber products .....	120.88	118.89	119.18	114.93	114.37	2.97	2.95	2.95	2.81	2.81
302	Rubber footwear .....	-	105.73	104.66	100.61	102.05	-	2.67	2.67	2.56	2.59
307	Miscellaneous plastics products.....	108.53	107.73	105.99	103.32	102.25	2.66	2.66	2.63	2.52	2.50
31	LEATHER AND LEATHER PRODUCTS .....	89.07	87.89	85.78	87.36	85.47	2.35	2.35	2.35	2.24	2.22
311	Leather tanning and finishing.....	119.77	119.07	117.56	113.70	113.42	2.95	2.94	2.91	2.78	2.78
314	Footwear, except rubber.....	86.56	85.19	82.44	85.63	83.71	2.29	2.29	2.29	2.19	2.18
312,3,5,7,9	Other leather products .....	85.27	84.64	82.99	83.11	80.51	2.28	2.30	2.28	2.17	2.13
316	Luggage .....	-	87.56	86.72	84.04	82.24	-	2.36	2.35	2.20	2.17
317	Handbags and personal leather goods..	-	80.36	78.68	81.15	78.38	-	2.22	2.21	2.13	2.09
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>											
<b>RAILROAD TRANSPORTATION:</b>											
4011	Class 1 railroads <sup>2</sup> .....		(*)	(*)	146.20	150.30		(*)	(*)	3.40	3.34
<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>											
411	Local and suburban transportation .....	-	133.45	131.77	123.94	123.94	-	3.14	3.13	2.93	2.93
413	Intercity highway transportation .....	-	159.36	160.96	156.71	149.45	-	3.84	3.86	3.67	3.61
42	TRUCKING AND WAREHOUSING .....	-	150.65	148.73	146.20	142.61	-	3.63	3.61	3.44	3.42
421,3	Trucking and trucking terminals. ....	-	154.24	151.94	149.37	145.81	-	3.69	3.67	3.49	3.48
422	Public warehousing .....	-	109.63	108.47	105.45	104.27	-	2.87	2.81	2.69	2.66
46	PIPE LINE TRANSPORTATION .....	-	174.28	176.81	167.27	164.80	-	4.23	4.24	4.06	4.00
48	COMMUNICATION .....	-	129.17	126.94	124.26	116.51	-	3.27	3.23	3.13	3.05
481	Telephone communication .....	-	127.83	125.22	121.70	112.78	-	3.22	3.17	3.05	2.96
4817	Switchboard operating employees <sup>3</sup> ..	-	94.52	91.43	90.22	85.81	-	2.67	2.59	2.52	2.48
4818	Line construction employees <sup>4</sup> .....	-	177.36	173.16	173.12	151.79	-	3.95	3.90	3.83	3.64
482	Telegraph communication <sup>5</sup> .....	-	144.86	139.68	143.19	141.00	-	3.33	3.31	3.33	3.19
483	Radio and television broadcasting .....	-	138.38	138.01	138.34	134.98	-	3.69	3.69	3.65	3.59

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

**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				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
<i>Nondurable Goods--Continued</i>											
27	<b>PRINTING AND PUBLISHING</b> .....	38.4	38.3	38.1	38.2	38.1	-	-	-	-	-
271	Newspapers.....	36.6	36.2	35.7	36.4	36.2	3.3	3.2	3.0	3.1	
272	Periodicals.....	-	40.7	41.1	41.1	41.1	3.2	2.7	2.9	3.0	
273	Books .....	-	40.8	40.1	39.7	40.9	4.7	4.7	4.1	3.4	
275	Commercial printing .....	38.8	38.9	38.8	38.8	38.5	4.1	3.4	2.9	3.7	
2751	Commercial printing, ex. lithographic .....	-	-	38.3	38.7	38.2	3.4	3.6	3.3	3.2	
2752	Commercial printing, lithographic .....	-	39.5	39.6	39.2	39.1	-	-	-	-	
278	Blankbooks and bookbinding .....	38.4	38.1	38.1	38.3	38.5	2.4	2.2	2.3	2.4	
274,6,7,9	Other publishing & printing ind.....	38.6	38.3	38.3	38.3	38.1	2.8	2.9	2.7	2.7	
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ..	42.0	41.8	41.9	41.8	41.8	3.5	3.5	3.3	3.2	
281	Industrial chemicals .....	42.6	42.2	42.3	42.3	42.1	3.5	3.8	3.6	3.3	
2812	Alkalies and chlorine .....	-	42.5	41.8	41.4	41.8	-	-	-	-	
2818	Industrial organic chemicals, nec... ..	-	42.1	42.6	42.1	42.3	-	-	-	-	
2819	Industrial inorganic chemicals, nec. .	-	41.7	41.7	41.9	41.6	-	-	-	-	
282	Plastics materials and synthetics .....	42.6	42.2	42.3	42.5	42.5	3.5	3.1	3.5	3.2	
2821	Plastics materials and resins .....	-	43.2	43.4	43.9	43.6	-	-	-	-	
2823,4	Synthetic fibers .....	-	41.3	41.4	41.6	41.8	-	-	-	-	
283	Drugs .....	40.9	40.9	41.0	40.9	40.7	2.9	3.0	2.6	2.4	
2834	Pharmaceutical preparations .....	-	40.3	40.2	40.3	39.9	-	-	-	-	
284	Soap, cleaners, and toilet goods.....	41.2	40.6	40.5	40.7	40.4	2.6	2.9	2.9	2.4	
2841	Soap and other detergents .....	-	41.8	41.3	41.9	41.5	-	-	-	-	
2844	Toilet preparations .....	-	39.5	39.7	39.1	38.8	-	-	-	-	
285	Paints and allied products .....	41.4	41.5	41.4	41.5	41.6	3.5	3.4	3.4	3.5	
287	Agricultural chemicals .....	42.1	43.8	44.8	42.5	43.3	6.3	7.2	4.2	5.8	
2871,2	Fertilizers, complete & mixing only..	-	44.1	45.4	42.4	43.5	-	-	-	-	
286,9	Other chemical products .....	41.3	41.3	41.3	41.1	41.2	3.1	3.0	3.2	3.1	
2892	Explosives .....	-	40.8	40.2	40.2	40.9	-	-	-	-	
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	43.0	43.1	43.2	42.6	42.8	-	4.0	3.8	3.7	
291	Petroleum refining.....	42.3	42.6	43.1	41.9	42.5	3.1	3.3	2.8	3.0	
295,9	Other petroleum and coal products .....	45.4	44.8	43.5	45.1	43.9	6.8	5.7	6.8	5.6	
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC.</b> ..	41.5	41.2	41.0	41.8	41.6	4.2	4.1	4.3	4.1	
301	Tires and inner tubes .....	45.0	44.7	43.8	45.4	45.3	6.8	6.3	6.7	6.7	
302,3,6	Other rubber products .....	40.7	40.3	40.4	40.9	40.7	3.2	3.3	3.4	3.3	
302	Rubber footwear .....	-	39.6	39.2	39.4	39.4	2.7	2.5	2.2	2.3	
307	Miscellaneous plastics products .....	40.8	40.5	40.3	41.0	40.9	3.9	3.7	4.0	3.8	
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	37.9	37.4	36.5	39.0	38.5	1.7	1.6	2.4	2.1	
311	Leather tanning and finishing .....	40.6	40.5	40.4	40.9	40.8	3.6	3.8	4.0	4.2	
314	Footwear, except rubber.....	37.8	37.2	36.0	39.1	38.4	1.5	1.4	2.3	2.0	
312,3,5-7,9	Other leather products .....	37.4	36.8	36.4	38.3	37.8	1.4	1.4	2.2	1.6	
316	Luggage .....	-	37.1	36.9	38.2	37.9	1.8	1.8	2.0	1.4	
317	Handbags and personal leather goods..	-	36.2	35.6	38.1	37.5	1.2	1.1	2.1	1.7	
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>											
<b>RAILROAD TRANSPORTATION:</b>											
011	Class I railroads <sup>2</sup> .....	-	(*)	(*)	43.0	45.0	-	-	-	-	
<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b>											
411	Local and suburban transportation .....	-	42.5	42.1	42.3	42.3	-	-	-	-	
413	Intercity highway transportation .....	-	41.5	41.7	42.7	41.4	-	-	-	-	
42	<b>TRUCKING AND WAREHOUSING</b> .....	-	41.5	41.2	42.5	41.7	-	-	-	-	
421,3	Trucking and trucking terminals .....	-	41.8	41.4	42.8	41.9	-	-	-	-	
422	Public warehousing .....	-	38.2	38.6	39.2	39.2	-	-	-	-	
46	<b>PIPE LINE TRANSPORTATION</b> .....	-	41.2	41.7	41.2	41.2	-	-	-	-	
48	<b>COMMUNICATION</b> .....	-	39.5	39.3	39.7	38.2	-	-	-	-	
481	Telephone communication .....	-	39.7	39.5	39.9	38.1	-	-	-	-	
4817	Switchboard operating employees <sup>3</sup> ..	-	35.4	35.3	35.8	34.6	-	-	-	-	
4818	Line construction employees <sup>4</sup> .....	-	44.9	44.4	45.2	41.7	-	-	-	-	
482	Telegraph communication <sup>5</sup> .....	-	43.5	42.2	43.0	44.2	-	-	-	-	
483	Radio and television broadcasting.....	-	37.5	37.4	37.9	37.6	-	-	-	-	

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

# 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					
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968	
-	<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>											
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	-	\$158.95	\$157.73	\$149.09	\$147.96	-	\$3.83	\$3.81	\$3.61	\$3.60	
491	Electric companies and systems .....	-	162.24	160.99	153.92	151.94	-	3.90	3.87	3.70	3.67	
492	Gas companies and systems .....	-	143.37	142.51	136.08	135.34	-	3.54	3.51	3.36	3.35	
493	Combination companies and systems....	-	174.71	172.62	159.80	159.80	-	4.14	4.11	3.86	3.86	
494-7	Water, steam, & sanitary systems .....	-	129.97	129.65	122.78	121.77	-	3.17	3.17	2.98	2.97	
-	<b>WHOLESALE AND RETAIL TRADE.....</b>	\$91.69	89.66	88.96	87.36	85.32	\$2.54	2.54	2.52	2.40	2.39	
50	<b>WHOLESALE TRADE .....</b>	128.64	127.28	127.20	122.51	121.30	3.20	3.19	3.18	3.04	3.04	
501	Motor vehicles & automotive equipment ..	-	120.13	119.84	113.16	113.85	-	2.93	2.93	2.74	2.75	
502	Drugs, chemicals, and allied products ..	-	128.26	126.94	123.09	122.07	-	3.34	3.28	3.14	3.13	
503	Dry goods and apparel.....	-	120.90	120.64	114.53	114.61	-	3.19	3.20	3.03	3.04	
504	Groceries and related products .....	-	119.60	119.50	115.77	114.86	-	2.99	2.98	2.81	2.85	
506	Electrical goods.....	-	130.83	128.44	127.51	117.73	-	3.13	3.11	3.08	3.05	
507	Hardware; plumbing & heating equipment ..	-	123.69	121.70	120.69	117.01	-	3.10	3.05	2.98	2.94	
508	Machinery, equipment, and supplies.....	-	142.39	142.68	137.76	139.13	-	3.49	3.48	3.41	3.41	
509	Miscellaneous wholesalers.....	-	125.44	125.05	121.09	119.59	-	3.20	3.19	3.05	3.02	
52-59	<b>RETAIL TRADE.....</b>	79.46	77.63	76.73	75.82	73.40	2.29	2.29	2.27	2.16	2.14	
53	Retail general merchandise .....	-	71.46	70.91	69.86	67.20	-	2.24	2.23	2.13	2.10	
531	Department stores .....	-	74.89	74.34	73.68	70.82	-	2.37	2.36	2.26	2.22	
532	Mail order houses .....	-	86.63	83.07	82.21	80.94	-	2.38	2.34	2.29	2.28	
533	Variety stores .....	-	53.91	54.10	53.11	51.50	-	1.84	1.84	1.73	1.74	
54	Food stores.....	-	81.28	80.07	79.73	76.55	-	2.54	2.51	2.38	2.37	
541-3	Grocery, meat, and vegetable stores ..	-	82.50	81.03	81.22	77.44	-	2.57	2.54	2.41	2.39	
56	Apparel and accessory stores .....	-	67.73	66.78	66.38	64.55	-	2.15	2.12	2.03	2.03	
561	Men's & boys' clothing & furnishings ..	-	84.41	82.62	80.73	80.04	-	2.49	2.43	2.30	2.32	
562	Women's ready-to-wear stores .....	-	61.29	60.96	60.10	58.97	-	1.99	1.96	1.89	1.89	
565	Family clothing stores .....	-	64.55	64.75	62.51	60.61	-	1.98	1.98	1.90	1.90	
566	Shoe stores.....	-	65.93	63.80	67.84	63.81	-	2.25	2.20	2.12	2.12	
57	Furniture and home furnishings stores ..	-	100.91	100.44	99.58	96.26	-	2.72	2.70	2.60	2.56	
571	Furniture and furnishings.....	-	102.30	100.91	99.58	96.89	-	2.75	2.72	2.60	2.57	
58	Eating and drinking places <sup>6</sup> .....	-	54.67	54.18	53.61	52.49	-	1.73	1.72	1.61	1.61	
52,55,59	Other retail trade.....	-	97.16	96.39	93.84	91.78	-	2.55	2.53	2.40	2.39	
52	Building materials and farm equipment ..	-	106.11	103.97	100.85	99.39	-	2.62	2.58	2.43	2.43	
551,2	Motor vehicle dealers .....	-	128.43	126.28	123.02	120.47	-	3.14	3.08	2.95	2.91	
553,9	Other automotive & accessory dealers.....	-	106.59	106.68	102.00	99.25	-	2.55	2.54	2.40	2.38	
591	Drug stores and proprietary stores .....	-	69.54	68.69	68.80	66.30	-	2.18	2.16	2.06	2.04	
594	Book and stationery stores .....	-	81.98	81.10	82.36	79.09	-	2.44	2.45	2.36	2.34	
598	Fuel and ice dealers.....	-	115.30	116.52	108.26	108.67	-	2.84	2.87	2.66	2.67	
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	108.54	106.93	106.85	101.75	101.01	2.91	2.89	2.88	2.75	2.73	
60	Banking.....	-	96.46	96.35	91.39	91.02	-	2.60	2.59	2.47	2.46	
61	Credit agencies other than banks .....	-	97.61	97.88	93.00	92.25	-	2.61	2.61	2.48	2.46	
612	Savings and loan associations .....	-	94.06	96.09	91.39	90.77	-	2.57	2.59	2.47	2.46	
62	Security, commodity brokers & services ..	-	176.81	175.10	176.54	172.77	-	4.69	4.62	4.55	4.43	
63	Insurance carriers .....	-	112.55	111.50	107.16	106.14	-	3.05	3.03	2.92	2.90	
631	Life insurance .....	-	113.44	113.09	107.34	105.73	-	3.16	3.15	2.99	2.97	
632	Accident and health insurance .....	-	98.91	97.47	93.76	94.38	-	2.74	2.70	2.59	2.60	
633	Fire, marine, and casualty insurance....	-	114.08	113.62	110.46	109.04	-	3.01	2.99	2.93	2.90	
-	<b>SERVICES:</b>											
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> ....	-	62.66	62.13	59.37	59.10	-	1.78	1.77	1.64	1.66	
721	Personal Services: Laundries and dry cleaning plants.....	-	73.20	72.64	70.31	69.01	-	2.00	1.99	1.89	1.86	
722	Photographic studios .....	-	83.90	80.36	82.48	81.52	-	2.35	2.27	2.33	2.29	
781	Motion pictures: Motion picture filming & distributing ..	-	168.73	164.72	154.35	152.04	-	4.25	4.17	3.83	3.82	

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

# 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				
		June 1969	May 1969	Apr. 1969	June 1968	May 1968	June 1969	May 1969	Apr. 1969	June 1968	May 1968
<b>TRANSPORTATION AND PUBLIC UTILITIES--Continued</b>											
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	--	41.5	41.4	41.3	41.1	--	--	--	--	--
491	Electric companies and systems.....	--	41.6	41.6	41.6	41.4	--	--	--	--	--
492	Gas companies and systems.....	--	40.5	40.6	40.5	40.4	--	--	--	--	--
493	Combination companies and systems..	--	42.2	42.0	41.4	41.4	--	--	--	--	--
494-7	Water, steam & sanitary systems.....	--	41.0	40.9	41.2	41.0	--	--	--	--	--
<b>WHOLESALE AND RETAIL TRADE.....</b>											
50	<b>WHOLESALE TRADE.....</b>	36.1	35.3	35.3	36.4	35.7	--	--	--	--	--
501	Motor vehicles & automotive equipment..	40.2	39.9	40.0	40.3	39.9	--	--	--	--	--
502	Drugs, chemicals, and allied products...	--	41.0	40.9	41.3	41.4	--	--	--	--	--
503	Dry goods and apparel.....	--	38.4	38.7	39.2	39.0	--	--	--	--	--
504	Groceries and related products.....	--	37.9	37.7	37.8	37.7	--	--	--	--	--
506	Electrical goods.....	--	40.0	40.1	41.2	40.3	--	--	--	--	--
507	Hardware; plumbing & heating equipment	--	41.8	41.3	41.4	38.6	--	--	--	--	--
508	Machinery, equipment, and supplies....	--	39.9	39.9	40.5	39.8	--	--	--	--	--
509	Miscellaneous wholesalers.....	--	40.8	41.0	40.4	40.8	--	--	--	--	--
52-59	<b>RETAIL TRADE.....</b>	34.7	33.9	33.8	35.1	34.3	--	--	--	--	--
53	Retail general merchandise.....	--	31.9	31.8	32.8	32.0	--	--	--	--	--
531	Department stores.....	--	31.6	31.5	32.6	31.9	--	--	--	--	--
532	Mail order houses.....	--	36.4	35.5	35.9	35.5	--	--	--	--	--
533	Variety stores.....	--	29.3	29.4	30.7	29.6	--	--	--	--	--
54	Food stores.....	--	32.0	31.9	33.5	32.3	--	--	--	--	--
541-3	Grocery, meat, and vegetable stores...	--	32.1	31.9	33.7	32.4	--	--	--	--	--
56	Apparel and accessory stores.....	--	31.5	31.5	32.7	31.8	--	--	--	--	--
561	Men's & boys' clothing & furnishings..	--	33.9	34.0	35.1	34.5	--	--	--	--	--
562	Women's ready-to-wear stores.....	--	30.8	31.1	31.8	31.2	--	--	--	--	--
565	Family clothing stores.....	--	32.6	32.7	32.9	31.9	--	--	--	--	--
566	Shoe stores.....	--	29.3	29.0	32.0	30.1	--	--	--	--	--
57	Furniture and home furnishings stores..	--	37.1	37.2	38.3	37.6	--	--	--	--	--
571	Furniture and home furnishings.....	--	37.2	37.1	38.3	37.7	--	--	--	--	--
58	Eating and drinking places <sup>6</sup> .....	--	31.6	31.5	33.3	32.6	--	--	--	--	--
52,55,59	Other retail trade.....	--	38.1	38.1	39.1	38.4	--	--	--	--	--
52	Building materials and farm equipment	--	40.5	40.3	41.5	40.9	--	--	--	--	--
551,2	Motor vehicle dealers.....	--	40.9	41.0	41.7	41.4	--	--	--	--	--
553,9	Other automotive & accessory dealers.	--	41.8	42.0	42.5	41.7	--	--	--	--	--
591	Drug stores and proprietary stores...	--	31.9	31.8	33.4	32.5	--	--	--	--	--
594	Book and stationery stores.....	--	33.6	33.1	34.9	33.8	--	--	--	--	--
598	Fuel and ice dealers.....	--	40.6	40.6	40.7	40.7	--	--	--	--	--
<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup>.....</b>											
60	Banking.....	37.3	37.0	37.1	37.0	37.0	--	--	--	--	--
61	Credit agencies other than banks.....	--	37.1	37.2	37.0	37.0	--	--	--	--	--
612	Savings and loan associations.....	--	37.4	37.5	37.5	37.5	--	--	--	--	--
62	Security, commodity brokers & services.	--	36.6	37.1	37.0	36.9	--	--	--	--	--
63	Insurance carriers.....	--	37.7	37.9	38.8	39.0	--	--	--	--	--
631	Life insurance.....	--	36.9	36.8	36.7	36.6	--	--	--	--	--
632	Accident and health insurance.....	--	35.9	35.9	35.9	35.6	--	--	--	--	--
633	Fire, marine, and casualty insurance..	--	36.1	36.1	36.2	36.3	--	--	--	--	--
<b>SERVICES:</b>											
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> ...	--	35.2	35.1	36.2	35.6	--	--	--	--	--
721	Personal Services: Laundries & dry cleaning plants.....	--	36.6	36.5	37.2	37.1	--	--	--	--	--
722	Photographic studios.....	--	35.7	35.4	35.4	35.6	--	--	--	--	--
781	Motion pictures: Motion picture filming & distributing..	--	39.7	39.5	40.3	39.8	--	--	--	--	--

<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 1966, such employees made up 33 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 1966, such employees made up 33 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.

\*Not available.

NOTE: Data for the 2 most recent months are 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	1969					1968							
	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.
<b>EXECUTIVE BRANCH</b>													
Total employment . . . . .	2,712.0	2,701.9	2,704.2	2,699.3	2,734.3	2,667.6	2,658.9	2,670.2	2,759.9	2,807.9	2,780.6	2,676.0	2,677.8
Average weekly hours . . . . .	39.5	39.5	39.9	39.5	39.8	39.5	39.3	39.1	39.2	39.6	39.2	39.3	39.1
Average overtime hours . . . . .	1.0	1.1	1.0	1.0	1.8	1.0	1.1	1.0	.9	.9	1.0	.9	.9
Indexes (1965=100):													
Average weekly earnings . . . . .	117.5	117.5	118.7	117.5	119.0	117.2	115.8	114.3	112.1	108.4	108.7	109.5	109.2
Average hourly earnings . . . . .	120.5	120.5	120.5	120.5	121.1	120.2	119.3	118.4	115.8	110.8	112.3	112.9	113.2
<b>DEPARTMENT OF DEFENSE</b>													
Total employment . . . . .	1,128.2	1,129.0	1,130.4	1,131.3	1,090.6	1,093.1	1,094.1	1,097.0	1,136.5	1,159.9	1,146.5	1,096.8	1,093.9
Average weekly hours . . . . .	39.8	40.2	40.7	40.2	39.5	40.0	40.1	39.8	40.0	40.5	40.3	40.4	39.9
Average overtime hours . . . . .	.8	1.2	1.2	1.3	1.2	1.1	1.4	1.0	1.1	1.1	1.2	1.1	1.0
Indexes (1965=100):													
Average weekly earnings . . . . .	116.5	117.4	118.8	117.7	115.6	115.7	114.8	113.4	111.1	107.9	109.4	110.8	110.3
Average hourly earnings . . . . .	119.4	119.1	119.1	119.4	119.4	118.0	116.8	116.2	113.3	108.7	110.7	111.9	112.7
<b>POST OFFICE DEPARTMENT</b>													
Total employment . . . . .	720.9	718.5	718.4	718.5	795.4	721.8	711.5	712.8	731.5	734.1	728.7	708.4	709.4
Average weekly hours . . . . .	38.8	38.7	39.4	38.6	41.4	39.3	38.6	38.2	38.1	38.6	38.1	38.3	38.3
Average overtime hours . . . . .	1.3	1.2	1.0	1.1	4.0	1.2	1.2	.9	.6	.7	.8	.9	1.0
Indexes (1965=100):													
Average weekly earnings . . . . .	113.2	112.6	114.3	112.3	123.7	114.0	112.0	109.6	108.4	104.6	103.8	104.7	105.0
Average hourly earnings . . . . .	120.5	120.1	119.8	120.1	123.4	119.8	119.8	118.5	117.5	111.9	112.5	112.9	113.2
<b>OTHER AGENCIES</b>													
Total employment . . . . .	862.9	854.4	855.4	849.5	848.3	852.7	853.3	860.4	891.9	913.9	905.4	870.8	874.5
Average weekly hours . . . . .	39.8	39.3	39.4	39.2	38.9	39.1	38.8	38.9	39.2	39.1	38.6	38.9	38.7
Average overtime hours . . . . .	.9	.8	.8	.7	.7	.8	.7	.8	.7	.7	.8	.7	.7
Indexes (1965=100):													
Average weekly earnings . . . . .	122.9	121.9	122.4	121.8	121.4	122.1	120.1	119.0	116.5	111.9	112.3	112.6	111.8
Average hourly earnings . . . . .	122.0	122.5	122.8	122.8	123.3	123.3	122.2	120.9	117.3	113.0	114.9	114.4	114.1

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>				
	June 1969	May 1969	Apr. 1969	June 1968	May 1968
<b>MANUFACTURING</b> . . . . .	\$3.03	\$3.03	\$3.02	\$2.87	\$2.87
<b>DURABLE GOODS</b> . . . . .	3.21	3.20	3.19	3.04	3.04
Ordnance and accessories . . . . .	-	3.31	3.32	3.10	3.11
Lumber and wood products . . . . .	-	2.55	2.52	2.46	2.43
Furniture and fixtures . . . . .	-	2.50	2.48	2.37	2.37
Stone, clay, and glass products . . . . .	-	3.00	2.97	2.84	2.84
Primary metal industries . . . . .	-	3.57	3.57	3.37	3.35
Fabricated metal products . . . . .	-	3.16	3.14	3.00	3.00
Machinery, except electrical . . . . .	-	3.38	3.36	3.19	3.20
Electrical equipment and supplies . . . . .	-	2.96	2.95	2.82	2.81
Transportation equipment . . . . .	-	3.68	3.68	3.46	3.47
Instruments and related products . . . . .	-	3.02	3.01	2.88	2.87
Miscellaneous manufacturing industries . . . . .	-	2.56	2.54	2.42	2.43
<b>NONDURABLE GOODS</b> . . . . .	2.77	2.77	2.76	2.62	2.61
Food and kindred products . . . . .	-	2.81	2.81	2.66	2.67
Tobacco manufactures . . . . .	-	2.69	2.65	2.57	2.55
Textile mill products . . . . .	-	2.20	2.20	2.07	2.07
Apparel and other textile products . . . . .	-	2.25	2.24	2.16	2.15
Paper and allied products . . . . .	-	3.00	2.98	2.85	2.84
Printing and publishing . . . . .	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products . . . . .	-	3.29	3.27	3.13	3.11
Petroleum and coal products . . . . .	-	3.84	3.86	3.57	3.58
Rubber and plastics products, n e c . . . . .	-	2.90	2.88	2.77	2.76
Leather and leather products . . . . .	-	2.39	2.30	2.17	2.17

<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.

NOTE: Data for the 2 most recent months are 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 1957-59 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968
<b>TOTAL PRIVATE:</b>									
Current dollars .....	\$113.48	\$111.75	\$106.69	\$90.13	\$88.86	\$85.57	\$99.13	\$97.82	\$94.40
1957-59 dollars .....	89.50	88.41	88.69	71.08	70.30	71.13	78.18	77.39	78.47
<b>MINING:</b>									
Current dollars .....	154.94	154.78	141.67	120.39	120.27	111.37	131.21	131.08	121.39
1957-59 dollars .....	122.19	122.45	117.76	94.94	95.15	92.58	103.48	103.70	100.91
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars .....	179.16	174.46	163.18	138.62	135.08	127.19	150.87	147.05	138.49
1957-59 dollars .....	141.29	138.02	135.64	109.32	106.87	105.73	118.98	116.34	115.12
<b>MANUFACTURING:</b>									
Current dollars .....	128.61	127.58	122.29	101.24	100.48	97.08	110.74	109.95	106.38
1957-59 dollars .....	101.43	100.93	101.65	79.84	79.49	80.70	87.33	86.99	88.43
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars .....	89.66	88.96	85.32	72.38	71.85	69.41	80.76	80.20	77.62
1957-59 dollars .....	70.71	70.38	70.92	57.08	56.84	57.70	63.69	63.45	64.52
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars .....	106.93	106.85	101.01	85.32	85.26	81.38	94.16	94.10	90.06
1957-59 dollars .....	84.33	84.53	83.97	67.29	67.45	67.65	74.26	74.45	74.86

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

NOTE: Beginning April 1968, data reflect the income tax surcharge imposed by the Revenue and Expenditure Control Act of 1968.

Data for the current month are preliminary.

**C-6: Indexes of aggregate weekly man-hours and payrolls in industrial and construction activities<sup>1</sup>**

Industry	1957-59=100				
	June 1969	May 1969	Apr. 1969	June 1968	May 1968
	Man-hours				
<b>TOTAL</b> .....	121.2	117.5	115.5	118.6	115.1
<b>MINING</b> .....	84.2	81.9	81.5	83.1	80.0
<b>CONTRACT CONSTRUCTION</b> .....	127.7	119.1	111.5	120.2	112.6
<b>MANUFACTURING</b> .....	121.8	119.0	118.0	120.1	117.4
<b>DURABLE GOODS</b> .....	128.8	126.2	125.2	126.0	123.9
Ordnance and accessories .....	224.0	217.8	217.5	225.4	220.0
Lumber and wood products .....	99.0	94.9	92.5	98.1	93.4
Furniture and fixtures .....	135.8	131.9	131.5	129.5	125.5
Stone, clay, and glass products .....	117.1	114.2	112.7	114.7	111.1
Primary metal industries .....	117.2	114.1	114.0	115.5	115.1
Fabricated metal products .....	135.5	131.4	130.0	129.3	125.7
Machinery, except electrical .....	140.0	138.2	138.6	134.4	133.3
Electrical equipment and supplies .....	151.7	148.8	146.7	143.5	141.1
Transportation equipment .....	119.5	119.6	118.1	124.2	124.4
Instruments and related products .....	132.5	129.5	129.1	126.1	123.8
Miscellaneous manufacturing industries .....	112.0	109.0	108.6	110.5	107.9
<b>NONDURABLE GOODS</b> .....	112.7	109.6	108.6	112.4	108.8
Food and kindred products .....	96.5	91.5	89.5	97.1	90.4
Tobacco manufactures .....	72.1	67.5	64.6	74.3	70.9
Textile mill products .....	107.6	105.0	104.2	109.5	106.4
Apparel and other textile products .....	120.9	117.9	116.6	120.8	117.9
Paper and allied products .....	123.6	120.2	119.2	119.5	116.0
Printing and publishing .....	118.6	117.3	117.6	116.9	116.3
Chemicals and allied products .....	125.7	124.3	125.7	122.9	121.6
Petroleum and coal products .....	86.6	83.5	83.0	85.4	83.2
Rubber and plastics products, nec. ....	166.1	161.8	160.7	159.2	155.4
Leather and leather products .....	93.1	90.7	88.0	99.8	96.1
	Payrolls				
<b>MINING</b> .....	121.6	117.2	116.1	111.0	106.1
<b>CONTRACT CONSTRUCTION</b> .....	211.6	197.8	183.3	183.7	173.3
<b>MANUFACTURING</b> .....	182.5	177.9	175.7	170.2	166.1

<sup>1</sup>For mining and manufacturing, data refer to production and related workers; for contract-construction, data relate to construction workers.

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

# ESTABLISHMENT DATA

## SEASONALLY ADJUSTED HOURS

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

Industry	June 1969	May 1969	Apr. 1969	Mar. 1969	Feb. 1969	Jan. 1969	Dec. 1968	Nov. 1968	Oct. 1968	Sept. 1968	Aug. 1968	July 1968	June 1968
<b>TOTAL PRIVATE</b> . . . . .	37.9	37.8	37.8	37.8	37.5	37.8	37.6	37.6	37.8	37.9	37.9	37.9	37.9
<b>MINING</b> . . . . .	43.2	43.3	43.8	42.8	43.3	43.3	43.3	43.2	41.2	42.9	42.8	43.1	42.9
<b>CONTRACT CONSTRUCTION</b> . . . . .	37.6	38.1	38.0	37.9	38.0	38.2	37.6	36.2	37.5	37.5	37.5	37.3	37.5
<b>MANUFACTURING</b> . . . . .	40.7	40.7	40.8	40.9	40.1	40.6	40.8	40.8	40.9	41.0	40.7	40.9	40.9
<i>Overtime hours</i> . . . . .	3.6	3.6	3.7	3.7	3.5	3.8	3.7	3.8	3.7	3.7	3.6	3.6	3.6
<b>DURABLE GOODS</b> . . . . .	41.3	41.4	41.4	41.5	40.9	41.3	41.3	41.6	41.6	41.6	41.3	41.5	41.6
<i>Overtime hours</i> . . . . .	3.9	3.8	3.8	3.9	3.8	3.8	3.9	4.0	3.9	3.9	3.6	3.8	3.9
Ordnance and accessories . . . . .	41.5	40.9	40.9	40.8	40.3	40.0	41.3	41.4	42.0	41.7	41.7	41.4	41.7
Lumber and wood products . . . . .	40.4	40.2	40.2	40.9	40.8	40.0	41.1	40.6	40.7	41.0	40.8	40.7	40.8
Furniture and fixtures . . . . .	40.8	40.8	40.9	40.7	40.1	40.6	40.5	40.5	40.8	40.8	40.7	40.7	41.0
Stone, clay, and glass products . . . . .	41.9	42.0	42.0	42.3	42.2	41.8	42.0	41.8	42.1	42.1	41.9	41.9	41.9
Primary metal industries . . . . .	41.8	41.7	41.8	41.9	41.6	41.7	41.6	41.4	41.4	41.4	40.3	41.8	42.1
Fabricated metal products . . . . .	41.8	41.5	41.8	41.9	41.2	41.8	41.7	42.1	42.1	41.9	41.7	41.8	41.9
Machinery, except electrical . . . . .	42.7	42.7	42.6	42.7	42.3	42.5	42.2	42.3	42.3	42.3	42.0	42.1	42.1
Electrical equipment and supplies . . . . .	40.7	40.7	40.9	40.7	39.7	40.4	40.2	40.3	40.4	40.7	40.5	40.4	40.5
Transportation equipment . . . . .	41.1	41.1	41.5	41.6	41.6	41.4	41.8	42.3	42.5	42.3	42.2	42.6	42.5
Instruments and related products . . . . .	40.8	40.7	40.8	40.7	39.7	40.7	40.5	40.7	40.6	40.6	40.6	40.6	40.6
Miscellaneous manufacturing industries . . . . .	39.3	39.1	39.5	39.0	37.6	39.2	39.0	39.2	39.4	39.6	39.3	39.4	39.6
<b>NONDURABLE GOODS</b> . . . . .	39.9	39.8	39.8	39.9	39.1	39.8	39.9	39.7	39.9	40.0	39.9	39.9	40.0
<i>Overtime hours</i> . . . . .	3.4	3.4	3.4	3.4	3.2	3.6	3.4	3.4	3.3	3.4	3.4	3.4	3.4
Food and kindred products . . . . .	40.7	40.7	40.9	40.9	40.7	40.6	40.9	40.6	40.8	40.8	41.0	40.8	40.9
Tobacco manufactures . . . . .	39.6	38.2	36.4	36.5	36.6	37.2	37.1	37.5	37.7	38.2	38.7	38.1	38.5
Textile mill products . . . . .	41.2	41.0	41.1	40.9	39.9	40.6	41.2	41.1	41.2	41.4	41.2	41.5	41.4
Apparel and other textile products . . . . .	36.3	36.0	36.0	36.0	35.2	36.2	36.1	36.0	36.3	36.4	36.1	36.2	36.4
Paper and allied products . . . . .	43.1	43.0	43.4	43.2	42.5	43.5	43.2	43.0	43.1	43.2	43.0	43.1	43.0
Printing and publishing . . . . .	38.4	38.4	38.3	38.3	37.9	38.4	38.5	38.4	38.6	38.5	38.5	38.3	38.2
Chemicals and allied products . . . . .	42.0	41.7	41.6	41.7	41.7	41.9	41.9	41.9	41.9	41.9	41.8	41.8	41.8
Petroleum and coal products . . . . .	42.7	42.8	42.9	43.2	42.6	41.8	42.7	42.6	42.6	42.5	42.2	42.7	42.3
Rubber and plastics products, nec . . . . .	41.5	41.4	41.4	41.4	40.7	41.5	41.5	41.4	41.6	41.6	41.5	41.7	41.8
Leather and leather products . . . . .	37.5	37.7	37.7	37.6	35.3	37.6	37.8	37.9	38.6	38.1	38.0	38.1	38.6
<b>WHOLESALE AND RETAIL TRADE</b> . . . . .	35.9	35.6	35.6	35.7	35.7	35.8	35.7	35.8	35.9	36.1	36.2	36.1	36.2
<b>WHOLESALE TRADE</b> . . . . .	40.1	40.0	40.2	40.1	40.1	40.1	40.0	40.0	40.1	40.2	40.2	40.1	40.2
<b>RETAIL TRADE</b> . . . . .	34.4	34.3	34.1	34.3	34.2	34.4	34.3	34.5	34.5	34.7	34.8	34.8	34.8
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> . . . . .	37.4	37.0	37.1	37.1	37.1	37.2	37.0	36.9	37.1	37.1	37.1	37.0	37.1

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

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

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

**C-8: Indexes of aggregate weekly man-hours in industrial and construction activities<sup>1</sup>**  
**seasonally adjusted**

1957-59=100

Industry	June 1969	May 1969	Apr. 1969	Mar. 1969	Feb. 1969	Jan. 1969	Dec. 1968	Nov. 1968	Oct. 1968	Sept. 1968	Aug. 1968	July 1968	June 1968
<b>TOTAL . . . . .</b>	118.6	118.2	118.1	118.3	116.8	117.4	116.9	115.9	116.0	116.2	115.5	116.0	116.1
<b>MINING . . . . .</b>	80.6	81.3	82.8	81.1	82.5	82.0	81.7	81.3	70.3	80.7	80.4	80.8	79.7
<b>CONTRACT CONSTRUCTION . . . . .</b>	118.9	119.0	117.4	117.7	118.0	117.7	115.3	110.0	113.8	112.9	112.2	111.6	112.0
<b>MANUFACTURING . . . . .</b>	120.5	119.9	120.0	120.3	118.4	119.1	119.0	118.7	118.7	118.7	117.9	118.6	118.7
<b>DURABLE GOODS . . . . .</b>	126.9	126.2	126.3	126.8	124.9	125.3	124.5	124.4	124.1	124.1	123.0	124.4	124.1
Ordnance and accessories . . . . .	226.5	221.0	222.1	226.2	221.1	220.6	226.6	227.2	216.3	228.8	231.1	228.3	227.6
Lumber and wood products . . . . .	94.6	94.9	94.2	96.3	95.9	94.2	96.0	94.2	94.2	95.0	94.6	94.2	94.0
Furniture and fixtures . . . . .	135.5	135.2	135.9	134.2	132.3	132.9	130.8	130.4	130.2	129.6	129.0	128.1	129.1
Stone, clay, and glass products . . . . .	112.9	113.0	113.6	115.7	115.9	114.2	113.9	112.0	112.4	111.8	111.0	110.6	110.6
Primary metal industries . . . . .	113.4	112.2	111.9	112.9	111.5	111.0	110.0	108.1	107.7	108.5	105.9	111.4	112.0
Fabricated metal products . . . . .	133.4	131.8	132.4	133.0	130.1	131.3	129.9	130.6	129.9	128.1	126.7	126.9	127.2
Machinery, except electrical . . . . .	138.4	137.9	137.7	137.3	136.7	136.3	134.0	135.1	133.8	133.4	132.1	131.8	132.8
Electrical equipment and supplies . . . . .	151.8	151.4	150.6	149.3	144.7	146.0	143.8	143.5	143.5	144.8	144.2	143.8	143.7
Transportation equipment . . . . .	118.3	117.9	118.6	119.9	119.4	119.9	120.0	121.7	122.6	122.5	121.3	126.4	122.9
Instruments and related products . . . . .	131.9	130.7	130.6	130.2	125.7	128.5	127.5	127.8	127.1	126.6	126.5	124.0	125.4
Miscellaneous manufacturing industries . . . . .	111.1	110.5	112.3	111.2	106.3	112.4	111.8	110.5	110.4	110.3	109.8	110.4	109.6
<b>NONDURABLE GOODS . . . . .</b>	112.1	111.6	111.7	111.8	109.8	111.0	111.8	111.3	111.7	111.5	111.3	111.0	111.7
Food and kindred products . . . . .	97.0	97.2	97.6	97.8	97.9	96.9	97.3	96.0	96.5	96.4	96.8	96.1	97.5
Tobacco manufactures . . . . .	82.1	80.4	75.5	76.8	77.0	80.5	78.0	80.0	80.5	83.8	87.3	83.6	84.5
Textile mill products . . . . .	105.9	105.6	106.2	106.3	104.1	106.1	107.5	107.2	107.1	107.7	107.3	108.0	107.7
Apparel and other textile products . . . . .	119.6	118.5	118.2	117.6	114.3	119.0	117.7	117.5	118.9	119.0	117.5	118.2	119.3
Paper and allied products . . . . .	121.9	121.1	121.6	122.4	120.4	122.1	121.0	119.8	119.4	119.1	118.5	118.1	117.6
Printing and publishing . . . . .	118.4	118.1	118.3	118.5	117.0	118.8	118.7	118.2	118.5	117.5	118.0	117.2	116.7
Chemicals and allied products . . . . .	125.2	123.5	123.6	124.5	124.5	124.5	124.5	124.3	123.7	123.3	123.0	122.2	122.4
Petroleum and coal products . . . . .	83.9	83.4	83.6	82.8	71.0	50.4	83.9	83.7	83.7	82.1	82.2	83.2	83.1
Rubber and plastics products, nec . . . . .	165.7	164.2	163.5	163.5	160.4	162.0	161.0	159.8	161.0	159.9	159.5	158.8	159.2
Leather and leather products . . . . .	91.4	92.5	92.5	92.6	87.2	94.1	94.3	95.2	97.0	95.4	95.5	93.5	98.2

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

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

# OUTPUT PER MAN-HOUR SEASONALLY ADJUSTED

C-9: Output per man-hour, hourly compensation, and unit labor costs,  
private economy, seasonally adjusted

(Indexes 1957-59=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	
	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam	Private	Private nonfam
1966: 1st Quarter . . . . .	143.0	144.8	109.4	113.7	130.7	127.3	139.5	135.8	125.2	121.9	106.7	106.7
2d Quarter . . . . .	143.8	145.6	109.8	114.5	131.0	127.2	142.0	138.0	126.1	122.6	108.4	108.6
3d Quarter . . . . .	145.0	147.2	110.5	115.5	131.3	127.5	144.1	139.7	126.9	123.0	109.8	109.7
4th Quarter . . . . .	146.6	148.7	110.6	115.6	132.6	128.7	146.5	141.9	128.0	123.9	110.6	110.3
Annual average . . . . .	144.6	146.6	110.1	114.8	131.4	127.7	143.0	138.9	126.6	122.9	108.9	108.8
1967: 1st Quarter . . . . .	146.0	147.7	110.8	115.6	131.8	127.8	148.2	143.9	129.3	125.5	112.5	112.7
2d Quarter . . . . .	146.6	148.4	109.7	115.1	133.6	128.9	150.7	145.9	130.5	126.3	112.8	113.2
3d Quarter . . . . .	147.9	149.5	110.4	115.4	134.0	129.5	152.9	148.3	131.0	127.1	114.1	114.5
4th Quarter . . . . .	149.3	151.0	111.0	116.1	134.6	130.0	155.2	150.4	131.8	127.8	115.3	115.7
Annual average . . . . .	147.5	149.1	110.5	115.6	133.5	129.0	151.7	147.2	130.6	126.6	113.7	114.1
1968: 1st Quarter . . . . .	151.7	153.7	111.4	116.6	136.2	131.9	159.1	154.5	133.8	129.9	116.9	117.1
2d Quarter . . . . .	154.1	156.0	112.2	117.6	137.3	132.7	161.2	156.2	134.0	129.9	117.4	117.8
3d Quarter . . . . .	156.0	158.2	112.8	118.4	138.3	133.5	164.1	158.6	134.8	130.2	118.7	118.8
4th Quarter . . . . .	157.4	159.6	112.7	118.4	139.7	134.8	167.7	161.9	136.1	131.4	120.1	120.2
Annual average . . . . .	154.8	156.9	112.3	117.7	137.9	133.3	163.1	157.9	134.7	130.4	118.3	118.5
1969: 1st Quarter . . . . .	158.5	160.9	113.9	119.7	139.2	134.4	170.4	164.5	136.7	131.9	122.4	122.4
Percent change from previous quarter <sup>3</sup>												
1966: 1st Quarter . . . . .	1.8	2.0	0.5	0.8	1.3	1.2	2.3	2.0	1.6	1.3	1.0	0.7
2d Quarter . . . . .	0.6	0.6	0.3	0.7	0.2	- 0.1	1.8	1.6	0.7	0.5	1.6	1.8
3d Quarter . . . . .	0.8	1.1	0.6	0.9	0.2	0.2	1.5	1.2	0.6	0.4	1.3	1.0
4th Quarter . . . . .	1.1	1.0	0.1	0.1	1.0	1.0	1.7	1.6	0.9	0.8	0.7	0.6
1967: 1st Quarter . . . . .	- 0.4	- 0.7	0.2	0.0	- 0.6	- 0.7	1.2	1.4	1.0	1.3	1.8	2.2
2d Quarter . . . . .	0.4	0.5	- 0.9	- 0.4	1.4	0.9	1.7	1.4	1.0	0.7	0.3	0.5
3d Quarter . . . . .	0.9	0.8	0.6	0.3	0.3	0.5	1.4	1.6	0.4	0.6	1.2	1.2
4th Quarter . . . . .	0.9	0.9	0.5	0.6	0.4	0.4	1.5	1.4	0.6	0.5	1.1	1.0
1968: 1st Quarter . . . . .	1.6	1.8	0.4	0.4	1.2	1.4	2.6	2.7	1.5	1.7	1.3	1.2
2d Quarter . . . . .	1.6	1.5	0.7	0.9	0.8	0.6	1.3	1.1	0.1	0.0	0.5	0.5
3d Quarter . . . . .	1.3	1.4	0.5	0.7	0.8	0.6	1.8	1.5	0.6	0.3	1.1	0.9
4th Quarter . . . . .	0.9	0.9	- 0.1	0.0	1.0	0.9	2.2	2.1	1.0	0.9	1.2	1.1
1969: 1st Quarter . . . . .	0.7	0.8	1.1	1.1	- 0.3	- 0.3	1.6	1.6	0.4	0.4	2.0	1.9
Annual percent change <sup>4</sup>												
Year ending -												
1968: 1st Quarter . . . . .	2.4	2.3	0.2	0.4	2.2	1.8	6.4	6.3	3.3	3.3	4.1	4.4
2d Quarter . . . . .	3.2	3.1	0.8	0.9	2.4	2.2	6.6	6.6	3.1	3.2	4.1	4.3
3d Quarter . . . . .	4.1	4.1	1.3	1.5	2.7	2.6	6.9	6.8	3.0	3.0	4.1	4.1
4th Quarter . . . . .	5.0	5.2	1.6	1.9	3.3	3.3	7.5	7.3	3.2	3.0	4.1	3.9
1969: 1st Quarter . . . . .	5.1	5.3	2.1	2.4	3.0	2.9	7.4	7.0	2.7	2.4	4.2	4.0

<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> Percent change based on aggregates.

<sup>4</sup> Average for 12 months ending with quarter, divided by average for preceding 12 months.

Source: Output data from the Office of Business Economics, 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 22. Output Per Man-Hour Measures, Private Economy.

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

**C-10: 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		
	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968
<b>ALABAMA</b> .....	\$110.15	\$110.95	\$103.73	41.1	41.4	41.0	\$2.68	\$2.68	\$2.53
Birmingham .....	131.84	131.14	123.73	41.2	41.5	40.7	3.20	3.16	3.04
Mobile .....	134.35	138.26	121.67	43.2	44.6	42.1	3.11	3.10	2.89
<b>ALASKA</b> .....	(*)	181.03	187.27	(*)	39.1	40.8	(*)	4.63	4.59
<b>ARIZONA</b> .....	126.90	125.26	124.53	41.2	40.8	41.1	3.08	3.07	3.03
Phoenix .....	128.64	126.58	124.84	41.1	40.7	41.2	3.13	3.14	3.03
Tucson .....	131.04	128.03	131.11	42.0	41.3	41.1	3.12	3.10	3.19
<b>ARKANSAS</b> .....	95.35	93.26	88.62	41.1	40.2	40.1	2.32	2.32	2.21
Fort Smith .....	88.93	88.48	85.81	39.7	39.5	40.1	2.24	2.24	2.14
Little Rock-North Little Rock .....	99.72	99.31	94.19	40.7	40.7	40.6	2.45	2.44	2.32
Pine Bluff .....	117.16	128.60	113.02	41.4	43.3	41.4	2.83	2.97	2.73
<b>CALIFORNIA</b> .....	144.32	143.16	137.83	40.2	40.1	40.3	3.59	3.57	3.42
Anaheim-Santa Ana-Garden Grove .....	145.49	143.97	137.42	41.1	40.9	40.9	3.54	3.52	3.36
Bakersfield .....	146.32	143.32	142.21	41.1	40.6	41.1	3.56	3.53	3.46
Fresno .....	119.97	123.09	115.80	38.7	39.2	38.6	3.10	3.14	3.00
Los Angeles-Long Beach .....	140.94	140.54	135.60	40.5	40.5	40.6	3.48	3.47	3.34
Oxnard-Ventura .....	128.51	127.92	123.53	39.3	40.1	40.5	3.27	3.19	3.05
Sacramento .....	151.32	149.38	142.80	39.1	38.5	38.7	3.87	3.88	3.69
San Bernardino-Riverside-Ontario .....	140.65	143.15	138.51	40.3	40.9	41.1	3.49	3.50	3.37
San Diego .....	158.71	155.17	149.04	40.8	40.2	40.5	3.89	3.86	3.68
San Francisco-Oakland .....	156.80	155.61	148.55	39.2	39.0	39.3	4.00	3.99	3.78
San Jose .....	153.54	151.53	147.50	40.3	40.3	41.2	3.81	3.76	3.58
Santa Barbara .....	133.43	132.10	122.88	38.9	38.4	38.4	3.43	3.44	3.20
Santa Rosa .....	129.54	128.90	119.81	38.1	37.8	38.4	3.40	3.41	3.12
Stockton .....	146.21	139.98	133.33	40.5	39.1	39.1	3.61	3.53	3.41
Vallejo-Napa .....	147.07	146.30	138.77	38.5	38.5	39.2	3.82	3.80	3.54
<b>COLORADO</b> .....	136.61	136.04	132.92	40.9	41.1	41.8	3.34	3.31	3.18
Denver .....	139.13	138.17	134.05	40.8	41.0	41.5	3.41	3.37	3.23
<b>CONNECTICUT</b> .....	136.83	135.66	127.18	42.1	42.0	41.7	3.25	3.23	3.05
Bridgeport .....	139.26	137.99	132.62	42.2	42.2	42.1	3.30	3.27	3.15
Hartford .....	147.15	146.38	137.17	42.9	42.8	42.6	3.43	3.42	3.22
New Britain .....	138.51	137.99	130.83	42.1	42.2	41.8	3.29	3.27	3.13
New Haven .....	137.85	136.36	127.60	41.9	41.7	41.7	3.29	3.27	3.06
Stamford .....	146.38	142.64	128.54	42.8	42.2	41.2	3.42	3.38	3.12
Waterbury .....	130.05	127.14	119.81	42.5	42.1	41.6	3.06	3.02	2.88
<b>DELAWARE</b> .....	130.24	130.25	129.78	40.7	40.2	41.2	3.20	3.24	3.15
Wilmington .....	143.87	143.47	143.24	40.3	40.3	41.4	3.57	3.56	3.46
<b>DISTRICT OF COLUMBIA :</b>									
Washington SMSA .....	(*)	137.41	129.42	(*)	39.6	39.7	(*)	3.47	3.26
<b>FLORIDA</b> .....	112.05	110.80	104.58	41.5	41.5	41.5	2.70	2.67	2.52
Fort Lauderdale-Hollywood .....	112.34	109.75	101.13	41.0	40.8	38.6	2.74	2.69	2.62
Jacksonville .....	112.61	110.29	102.70	41.1	40.4	39.2	2.74	2.73	2.62
Miami .....	107.79	105.93	97.92	41.3	40.9	40.8	2.61	2.59	2.40
Orlando .....	116.60	115.78	110.66	44.0	43.2	42.4	2.65	2.68	2.61
Pensacola .....	129.36	130.48	122.98	42.0	42.5	42.7	3.08	3.07	2.88
Tampa-St. Petersburg .....	115.79	115.50	109.98	41.8	42.0	42.3	2.77	2.75	2.60
West Palm Beach .....	119.84	118.49	120.51	40.9	41.0	44.8	2.93	2.89	2.69
<b>GEORGIA</b> .....	102.66	100.37	96.29	40.9	40.8	40.8	2.51	2.46	2.36
Atlanta .....	130.51	124.57	124.27	41.3	39.8	41.7	3.16	3.13	2.98
Savannah .....	123.85	125.88	117.18	41.7	42.1	42.0	2.97	2.99	2.79
<b>HAWAII</b> .....	117.58	123.42	111.78	38.3	40.6	39.5	3.07	3.04	2.83
Honolulu .....	115.22	123.93	111.83	37.9	40.5	39.1	3.04	3.06	2.86
<b>IDAHO</b> .....	119.25	115.14	115.89	38.1	38.9	40.1	3.13	2.96	2.89
<b>ILLINOIS</b> .....	140.62	139.25	131.80	41.0	40.8	40.8	3.43	3.41	3.23
Chicago .....	(*)	141.29	133.59	(*)	41.0	40.9	(*)	3.45	3.26
Davenport-Rock Island-Moline .....	(*)	156.17	145.31	(*)	40.6	40.2	(*)	3.85	3.62

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA

## STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968
<b>ILLINOIS (continued)</b>									
Peoria .....	(*)	\$159.30	\$151.17	(*)	41.7	41.7	(*)	\$3.82	\$3.63
Rockford .....	(*)	140.56	131.98	(*)	41.8	41.3	(*)	3.36	3.20
<b>INDIANA</b>									
Indianapolis .....	\$143.15	143.44	137.45	40.9	41.1	41.4	\$3.50	3.49	3.32
Indianapolis .....	(*)	141.64	140.78	(*)	40.7	41.9	(*)	3.48	3.36
<b>IOWA</b>									
Cedar Rapids .....	134.19	135.19	128.84	39.7	40.0	40.4	3.38	3.38	3.19
Des Moines .....	136.86	138.53	130.79	41.1	41.6	41.4	3.33	3.33	3.16
Dubuque .....	138.57	140.13	136.23	38.6	39.2	40.2	3.59	3.57	3.39
Sioux City .....	142.49	140.99	137.92	37.4	37.2	38.3	3.81	3.79	3.60
Waterloo .....	140.15	129.51	126.23	42.6	42.0	42.0	3.29	3.09	3.00
Waterloo .....	145.16	148.22	154.59	38.0	38.7	41.3	3.82	3.83	3.74
<b>KANSAS</b>									
Topka .....	129.17	128.68	126.10	42.4	42.2	43.0	3.05	3.05	2.93
Wichita .....	148.00	144.16	141.83	44.6	43.8	44.8	3.32	3.29	3.16
Wichita .....	131.52	131.63	131.64	41.8	41.7	42.4	3.15	3.16	3.11
<b>KENTUCKY</b>									
Louisville .....	122.27	122.42	117.45	39.8	37.9	40.5	3.07	3.23	2.90
Louisville .....	134.56	134.57	127.44	39.2	39.5	39.5	3.43	3.41	3.23
<b>LOUISIANA</b>									
Baton Rouge .....	128.33	127.41	121.82	41.8	41.5	42.3	3.07	3.07	2.88
New Orleans .....	153.19	153.61	144.73	42.2	42.2	41.0	3.63	3.64	3.53
Shreveport .....	131.11	129.88	124.98	41.1	41.1	41.8	3.19	3.16	2.99
Shreveport .....	123.70	121.41	110.88	43.1	42.6	42.0	2.87	2.85	2.64
<b>MAINE</b>									
Lewiston-Auburn .....	102.97	100.50	96.63	40.7	40.2	40.6	2.53	2.50	2.38
Portland .....	85.10	84.13	83.82	37.0	36.9	38.1	2.30	2.28	2.20
Portland .....	108.53	107.94	100.22	40.8	41.2	39.3	2.66	2.62	2.55
<b>MARYLAND</b>									
Baltimore .....	129.34	128.47	124.84	40.8	40.4	41.2	3.17	3.18	3.03
Baltimore .....	133.74	133.17	129.17	40.9	40.6	41.4	3.27	3.28	3.12
<b>MASSACHUSETTS</b>									
Boston .....	121.40	119.70	113.48	40.2	39.9	40.1	3.02	3.00	2.83
Boston .....	130.40	128.30	122.31	40.0	39.6	40.1	3.26	3.24	3.05
Fall River .....	104.56	104.12	101.35	38.3	38.0	39.9	2.73	2.74	2.54
Lowell .....	91.69	92.46	86.61	36.1	36.4	36.7	2.54	2.54	2.36
Springfield .....	113.98	111.32	103.62	41.0	39.9	39.7	2.78	2.79	2.61
Worcester .....	104.93	105.57	95.34	39.3	39.1	38.6	2.70	2.70	2.47
Worcester .....	101.53	100.49	95.35	38.9	38.8	39.4	2.61	2.59	2.42
Worcester .....	124.85	123.42	116.24	40.8	40.6	40.5	3.06	3.04	2.87
Worcester .....	127.08	125.42	117.41	40.6	40.2	39.4	3.13	3.12	2.88
<b>MICHIGAN</b>									
Ann Arbor .....	165.51	163.46	167.01	42.2	41.7	44.1	3.92	3.92	3.79
Ann Arbor .....	168.46	170.32	174.35	42.2	42.4	44.5	3.99	4.02	3.92
Bay City .....	168.59	165.95	147.56	44.1	44.3	42.1	3.82	3.75	3.51
Detroit .....	149.98	151.46	135.90	41.5	42.2	40.1	3.61	3.59	3.39
Flint .....	171.64	171.06	176.64	41.7	41.4	45.2	4.12	4.13	3.91
Flint .....	173.70	186.12	191.36	40.2	41.9	44.9	4.32	4.44	4.26
Grand Rapids .....	143.70	144.95	132.23	41.4	41.7	41.0	3.47	3.48	3.23
Jackson .....	156.24	151.64	145.82	40.9	40.0	39.7	3.82	3.79	3.67
Kalamazoo .....	157.10	155.81	144.74	43.1	43.1	42.9	3.65	3.62	3.37
Lansing .....	166.99	165.83	179.02	42.2	42.1	44.6	3.96	3.94	4.01
Muskegon-Muskegon Heights .....	147.57	148.30	136.51	43.3	43.4	40.4	3.41	3.42	3.38
Saginaw .....	167.36	172.90	173.27	41.1	42.1	44.1	4.07	4.11	3.93
<b>MINNESOTA</b>									
Duluth-Superior .....	134.29	133.90	129.77	41.0	41.1	41.5	3.28	3.26	3.13
Minneapolis-St. Paul .....	119.72	119.93	120.82	37.8	38.3	40.1	3.17	3.13	3.01
Minneapolis-St. Paul .....	142.52	141.03	135.73	41.7	41.6	41.6	3.42	3.39	3.26
<b>MISSISSIPPI</b>									
Jackson .....	94.42	94.19	90.35	40.7	40.6	40.7	2.32	2.32	2.22
Jackson .....	90.72	90.09	90.07	40.5	40.4	41.7	2.24	2.23	2.16
<b>MISSOURI</b>									
Kansas City .....	127.12	122.85	122.11	40.1	39.0	40.3	3.17	3.15	3.03
St. Joseph .....	(*)	126.14	127.41	(*)	40.3	41.1	(*)	3.13	3.10
St. Louis .....	130.93	133.61	119.26	42.1	43.1	41.7	3.11	3.10	2.86
St. Louis .....	144.89	139.48	137.76	40.7	39.4	41.0	3.56	3.54	3.36
<b>MONTANA</b>									
.....	137.08	133.96	131.29	40.2	39.4	40.9	3.41	3.40	3.21
<b>NEBRASKA</b>									
Omaha .....	127.80	124.17	118.14	43.4	42.4	42.6	2.94	2.93	2.77
Omaha .....	128.85	128.19	123.03	42.1	42.0	42.3	3.06	3.05	2.91

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA

## STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968
NEVADA.....	\$153.66	\$155.63	\$147.46	39.2	39.3	38.3	\$3.92	\$3.96	\$3.85
NEW HAMPSHIRE.....	103.20	100.86	97.53	40.0	39.4	40.3	2.58	2.56	2.42
Manchester.....	93.56	89.63	88.09	38.5	37.5	38.3	2.43	2.39	2.30
NEW JERSEY.....	132.75	131.61	124.64	41.1	41.0	40.6	3.23	3.21	3.07
Atlantic City.....	104.52	103.22	95.59	40.2	39.7	39.5	2.60	2.60	2.42
Camden <sup>1</sup> .....	132.66	132.52	127.51	41.2	40.9	41.0	3.22	3.24	3.11
Jersey City <sup>2</sup> .....	137.28	136.78	124.03	41.6	41.7	40.4	3.30	3.28	3.07
Newark <sup>2</sup> .....	133.99	131.78	125.97	41.1	40.8	40.9	3.26	3.23	3.08
Paterson-Clifton-Passaic <sup>2</sup> .....	134.14	132.99	123.83	41.4	41.3	40.6	3.24	3.22	3.05
Perth Amboy <sup>2</sup> .....	137.69	138.02	129.57	41.1	41.2	40.6	3.35	3.35	3.19
Trenton.....	124.34	124.11	121.81	39.6	39.4	40.2	3.14	3.15	3.03
NEW MEXICO.....	99.18	100.33	102.00	39.2	39.5	40.0	2.53	2.54	2.55
Albuquerque.....	107.86	109.05	110.54	39.8	39.8	41.4	2.71	2.74	2.67
NEW YORK.....	127.12	126.72	120.69	39.6	39.6	39.7	3.21	3.20	3.04
Albany-Schenectady-Troy.....	139.67	136.53	128.39	41.2	41.0	40.5	3.39	3.33	3.17
Binghamton.....	129.58	126.63	116.64	41.4	40.2	40.5	3.13	3.15	2.88
Buffalo.....	149.74	152.77	148.12	40.8	41.4	42.2	3.67	3.69	3.51
Elmira.....	122.09	119.99	109.59	39.9	39.6	39.0	3.06	3.03	2.81
Monroe County <sup>3</sup> .....	150.10	149.65	142.42	40.9	41.0	41.4	3.67	3.65	3.44
Nassau and Suffolk Counties <sup>4</sup> .....	129.28	127.35	123.52	40.4	40.3	40.9	3.20	3.16	3.02
New York-Northeastern New Jersey.....	126.32	125.61	118.69	39.6	39.5	39.3	3.19	3.18	3.02
New York SMSA <sup>2</sup> .....	121.20	120.51	114.05	38.6	38.5	38.4	3.14	3.13	2.97
New York City <sup>4</sup> .....	119.57	118.94	111.81	38.2	38.0	37.9	3.13	3.13	2.95
Rochester.....	146.78	145.96	139.10	41.0	41.0	41.4	3.58	3.56	3.36
Rockland County <sup>4</sup> .....	132.68	129.05	124.42	42.8	41.9	41.2	3.10	3.08	3.02
Syracuse.....	135.27	136.86	128.11	40.5	41.1	40.8	3.34	3.33	3.14
Utica-Rome.....	117.81	121.20	112.56	39.8	40.4	40.2	2.96	3.00	2.80
Westchester County <sup>4</sup> .....	124.43	124.43	121.90	39.5	39.5	40.1	3.15	3.15	3.04
NORTH CAROLINA.....	93.56	91.31	88.10	40.5	39.7	40.6	2.31	2.30	2.17
Asheville.....	91.21	89.65	89.01	40.9	40.2	41.4	2.23	2.23	2.15
Charlotte.....	101.02	97.68	92.48	41.4	40.7	41.1	2.44	2.40	2.25
Greensboro-Winston-Salem-High Point.....	99.94	97.52	95.74	39.5	38.7	40.1	2.53	2.52	2.38
Raleigh.....	97.00	95.41	88.18	41.1	40.6	39.9	2.36	2.35	2.21
NORTH DAKOTA.....	113.07	109.55	106.91	40.7	39.6	40.0	2.78	2.76	2.67
Fargo-Moorhead.....	123.97	123.63	122.81	39.9	39.3	40.7	3.11	3.14	3.02
OHIO.....	151.67	149.89	143.30	42.0	41.7	42.1	3.61	3.59	3.40
Akron.....	168.01	163.61	160.71	42.9	41.9	43.2	3.92	3.90	3.72
Canton.....	150.06	150.46	137.91	41.8	42.2	41.3	3.59	3.57	3.34
Cincinnati.....	137.30	135.17	134.59	41.5	41.3	42.4	3.31	3.27	3.17
Cleveland.....	157.96	158.72	148.59	42.6	42.7	42.6	3.71	3.72	3.49
Columbus.....	137.79	138.55	131.99	40.5	40.5	40.8	3.40	3.42	3.24
Dayton.....	173.27	171.48	159.59	42.9	42.7	42.6	4.04	4.02	3.75
Toledo.....	163.21	164.14	153.39	42.6	42.7	42.5	3.83	3.84	3.61
Youngstown-Warren.....	156.63	153.67	150.18	40.8	40.5	41.3	3.84	3.79	3.64
OKLAHOMA.....	120.72	119.60	114.26	41.2	41.1	41.1	2.93	2.91	2.78
Oklahoma City.....	114.93	115.06	105.15	40.9	40.8	40.6	2.81	2.82	2.59
Tulsa.....	132.07	130.92	127.56	41.4	41.3	42.1	3.19	3.17	3.03
OREGON.....	140.23	136.81	133.73	39.5	39.2	39.8	3.55	3.49	3.36
Eugene.....	140.54	139.39	138.69	39.7	39.6	41.4	3.54	3.52	3.35
Portland.....	140.73	138.02	131.32	39.2	39.1	39.2	3.59	3.53	3.35
PENNSYLVANIA.....	127.35	125.60	119.69	40.3	40.0	40.3	3.16	3.14	2.97
Allentown-Bethlehem-Easton.....	121.52	119.20	115.34	39.2	38.7	39.5	3.10	3.08	2.92
Altoona.....	111.11	110.29	100.84	40.7	40.4	39.7	2.73	2.73	2.54
Erie.....	134.82	136.21	125.93	42.0	42.3	41.7	3.21	3.22	3.02
Harrisburg.....	117.62	113.83	107.59	40.7	39.8	39.7	2.89	2.86	2.71
Johnstown.....	126.63	125.87	117.35	37.8	37.8	38.1	3.35	3.33	3.08
Lancaster.....	115.37	114.17	106.80	40.2	40.2	40.0	2.87	2.84	2.67
Philadelphia.....	135.12	132.73	126.14	40.7	40.1	40.3	3.32	3.31	3.13
Pittsburgh.....	144.63	146.47	139.40	40.4	40.8	41.0	3.58	3.59	3.40
Reading.....	118.55	116.18	110.30	40.6	40.2	40.7	2.92	2.89	2.71
Scranton.....	97.41	98.05	93.86	38.2	38.3	38.0	2.55	2.56	2.47
Wilkes-Barre-Hazleton.....	92.87	91.98	87.98	37.0	36.5	37.6	2.51	2.52	2.34
York.....	120.84	117.88	111.94	42.7	42.1	42.4	2.83	2.80	2.64

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA

## STATE AND AREA HOURS AND EARNINGS

**C-10: 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		
	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968	May 1969	Apr. 1969	May 1968
<b>RHODE ISLAND</b> .....	\$106.40	\$105.86	\$101.30	40.0	40.1	40.2	\$2.66	\$2.64	\$2.52
Providence-Pawtucket-Warwick .....	107.46	107.33	101.60	40.1	40.2	40.0	2.68	2.67	2.54
<b>SOUTH CAROLINA</b> .....	95.94	95.47	90.64	41.0	40.8	41.2	2.34	2.34	2.20
Charleston .....	113.42	117.70	105.32	41.7	42.8	41.3	2.72	2.75	2.55
Greenville.....	95.40	93.84	87.50	41.3	40.8	40.7	2.31	2.30	2.15
<b>SOUTH DAKOTA</b> .....	119.07	112.95	121.75	42.4	40.4	45.6	2.81	2.80	2.67
Sioux Falls .....	145.84	128.64	133.92	46.7	41.9	46.5	3.12	3.07	2.88
<b>TENNESSEE</b> .....	104.04	103.42	99.06	40.8	40.4	40.6	2.55	2.56	2.44
Chattanooga .....	114.54	115.08	107.59	41.5	41.1	40.6	2.76	2.80	2.65
Knoxville .....	116.69	114.74	110.29	40.1	40.4	40.4	2.91	2.84	2.73
Memphis .....	115.49	113.70	110.68	41.1	40.9	41.3	2.81	2.78	2.68
Nashville .....	112.84	112.56	107.04	40.3	40.2	40.7	2.80	2.80	2.63
<b>TEXAS</b> .....	124.20	123.49	120.96	41.4	41.3	42.0	3.00	2.99	2.88
Amarillo .....	113.01	110.97	101.30	41.7	40.5	40.2	2.71	2.74	2.52
Austin .....	(*)	99.63	93.45	(*)	40.5	39.1	(*)	2.46	2.39
Beaumont-Port Arthur-Orange.....	164.34	162.74	150.14	41.5	41.2	40.8	3.96	3.95	3.68
Corpus Christi .....	142.71	143.90	139.10	42.6	42.2	43.2	3.35	3.41	3.22
Dallas .....	118.71	118.40	113.28	41.8	41.4	41.8	2.84	2.86	2.71
El Paso .....	(*)	83.92	84.66	(*)	39.4	40.7	(*)	2.13	2.08
Fort Worth .....	135.14	132.29	135.41	42.1	41.6	43.4	3.21	3.18	3.12
Galveston-Texas City .....	183.61	179.33	173.53	43.0	41.9	43.6	4.27	4.28	3.98
Houston .....	147.74	147.65	140.94	43.2	43.3	43.5	3.42	3.41	3.24
Lubbock .....	104.79	104.54	101.47	43.3	43.2	44.9	2.42	2.42	2.26
San Antonio.....	99.60	98.23	92.25	41.5	41.1	41.0	2.40	2.39	2.25
Waco .....	105.03	101.19	106.75	38.9	37.9	41.7	2.70	2.67	2.56
Wichita Falls.....	95.71	97.06	94.77	40.9	41.3	40.5	2.34	2.35	2.34
<b>UTAH</b> .....	129.23	130.47	129.65	39.4	39.9	40.9	3.28	3.27	3.17
Salt Lake City .....	119.04	120.74	125.63	38.4	39.2	41.6	3.10	3.08	3.02
<b>VERMONT</b> .....	115.92	113.15	108.36	42.0	41.6	42.0	2.76	2.72	2.58
Burlington .....	130.98	123.77	121.60	44.4	42.1	43.9	2.95	2.94	2.77
Springfield .....	125.66	122.82	115.30	40.8	40.4	40.6	3.08	3.04	2.84
<b>VIRGINIA</b> .....	105.63	104.49	102.16	41.1	40.5	41.7	2.57	2.58	2.45
Lynchburg.....	100.28	104.58	97.78	41.1	42.0	42.7	2.44	2.49	2.29
Norfolk-Portsmouth .....	115.21	114.78	115.67	42.2	42.2	43.0	2.73	2.72	2.69
Richmond .....	113.20	110.15	109.08	40.0	39.2	40.4	2.83	2.81	2.70
Roanoke .....	98.95	98.47	96.14	41.4	41.2	41.8	2.39	2.39	2.30
<b>WASHINGTON</b> .....	149.35	150.48	140.05	39.2	39.6	39.9	3.81	3.80	3.51
Seattle-Everett .....	152.49	157.20	142.84	39.1	40.0	39.9	3.90	3.93	3.58
Spokane .....	144.44	140.40	142.83	39.9	39.0	41.4	3.62	3.60	3.45
Tacoma.....	144.00	142.46	131.48	38.4	38.4	38.0	3.75	3.71	3.46
<b>WEST VIRGINIA</b> .....	127.52	127.92	122.61	40.1	40.1	40.6	3.18	3.19	3.02
Charleston .....	157.25	154.75	143.79	42.5	41.6	41.8	3.70	3.72	3.44
Huntington-Ashland.....	122.84	136.11	134.06	35.3	39.0	40.5	3.48	3.49	3.31
Wheeling .....	130.17	127.51	121.40	40.3	39.6	40.2	3.23	3.22	3.02
<b>WISCONSIN</b> .....	139.22	138.99	131.44	41.3	41.3	41.3	3.37	3.37	3.18
Green Bay.....	143.96	139.01	131.61	42.7	42.3	43.1	3.37	3.28	3.05
Kenosha .....	158.31	158.47	134.59	41.7	41.9	38.5	3.80	3.78	3.49
La Crosse.....	114.92	109.59	108.26	40.2	39.4	39.2	2.86	2.78	2.76
Madison .....	148.76	151.26	138.89	40.6	41.2	40.8	3.67	3.67	3.40
Milwaukee.....	149.76	149.40	141.66	41.0	41.1	41.0	3.65	3.64	3.46
Racine.....	142.32	141.90	131.61	40.9	40.7	39.9	3.48	3.48	3.30
<b>WYOMING</b> .....	132.18	122.62	117.96	40.3	39.3	38.3	3.28	3.12	3.08
Casper .....	194.48	152.62	141.60	48.5	41.7	40.0	4.01	3.66	3.54

<sup>1</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

<sup>2</sup> Area included in 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.

\*Not available.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.



# ESTABLISHMENT DATA LABOR TURNOVER

## D-1: Labor turnover rates in manufacturing

1958 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
<b>Total accessions</b>													
1958.....	2.9	2.6	2.8	3.1	3.6	4.7	4.2	4.9	5.0	4.0	3.2	2.7	3.6
1959 <sup>1</sup> .....	3.8	3.7	4.1	4.1	4.2	5.4	4.4	5.2	5.1	3.9	3.4	3.6	4.2
1960.....	4.0	3.5	3.3	3.4	3.9	4.7	3.9	4.9	4.8	3.5	2.9	2.3	3.8
1961.....	3.7	3.2	4.0	4.0	4.3	5.0	4.4	5.3	4.7	4.3	3.4	2.6	4.1
1962.....	4.1	3.6	3.8	4.0	4.3	5.0	4.6	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	3.9	4.3	4.6	5.9	5.0	5.7	5.7	5.0	3.8	3.0	4.6
1969.....	4.6	3.9	4.4	4.5	4.8								
<b>New hires</b>													
1958.....	1.2	1.1	1.1	1.3	1.5	2.2	2.1	2.4	2.6	2.2	1.7	1.3	1.7
1959 <sup>1</sup> .....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
1960.....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961.....	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962.....	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963.....	1.9	1.8	2.0	2.3	2.5	3.3	2.7	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	4.5	4.0	2.9	2.2	3.5
1969.....	3.3	3.0	3.4	3.5	3.8								
<b>Total separations</b>													
1958.....	5.4	4.1	4.5	4.4	3.9	3.5	3.7	4.1	4.5	4.1	3.6	3.5	4.1
1959 <sup>1</sup> .....	3.7	3.1	3.3	3.6	3.5	3.6	4.0	4.6	5.3	5.5	4.7	3.9	4.1
1960.....	3.6	3.5	4.0	4.2	3.9	4.0	4.4	4.8	5.3	4.7	4.5	4.8	4.3
1961.....	4.7	3.9	3.8	3.4	3.5	3.6	4.1	4.2	5.1	4.2	4.0	4.0	4.0
1962.....	3.9	3.4	3.6	3.6	3.8	3.8	4.4	5.1	5.0	4.4	4.0	3.8	4.1
1963.....	4.0	3.2	3.5	3.6	3.6	3.4	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	2.6	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	4.9	4.1	3.8	4.6
1969.....	4.5	4.0	4.4	4.5	4.6								
<b>Quits</b>													
1958.....	.9	.8	.8	.8	.9	1.0	1.1	1.5	1.9	1.3	1.0	.8	1.1
1959 <sup>1</sup> .....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961.....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962.....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963.....	1.1	1.0	1.2	1.3	1.4	1.4	1.4	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	2.2	2.3	3.7	4.1	2.8	2.1	1.6	2.5
1969.....	2.3	2.1	2.4	2.6	2.8								
<b>Layoffs</b>													
1958.....	4.0	2.9	3.3	3.2	2.6	2.0	2.3	2.1	2.1	2.3	2.2	2.4	2.6
1959 <sup>1</sup> .....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
1960.....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961.....	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962.....	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963.....	2.2	1.6	1.7	1.6	1.5	1.4	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	1.7	1.2	1.1	1.2	1.2	1.4	1.2
1969.....	1.2	1.0	1.0	.9	.9								

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

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

Data for the current month are preliminary.

# ESTABLISHMENT DATA LABOR TURNOVER

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

(Per 100 employees)

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969
	<b>MANUFACTURING</b>	4.8	4.5	3.8	3.5	4.6	4.5	2.8	2.6	0.9	0.9
19,24,25,32-39	<b>DURABLE GOODS</b>	4.5	4.4	3.6	3.4	4.4	4.3	2.6	2.4	.8	.8
20-23,26-31	<b>NONDURABLE GOODS</b>	5.2	4.7	4.0	3.6	5.0	4.8	3.1	2.8	1.0	1.1
	<i>Durable Goods</i>										
19	<b>ORDNANCE AND ACCESSORIES</b>	1.8	2.3	1.4	1.7	3.2	3.2	1.7	1.6	.8	.8
192	Ammunition, except for small arms	1.7	2.1	1.3	1.6	3.1	3.1	1.7	1.6	.8	.7
24	<b>LUMBER AND WOOD PRODUCTS</b>	8.0	7.8	6.5	6.4	7.0	7.1	5.3	5.1	.6	.9
242	Sawmills and planing mills	6.5	6.7	5.6	5.9	6.2	6.5	4.8	4.9	.5	.6
2421	Sawmills and planing mills, general	6.2	6.6	5.3	5.7	5.7	6.2	4.5	4.6	.4	.6
243	Millwork, plywood & related products	6.4	5.7	5.5	5.2	6.2	6.2	4.4	4.2	.9	1.0
2431	Millwork	5.4	5.7	4.9	5.2	6.1	6.2	3.9	4.1	1.4	1.0
2432	Veneer and plywood	6.4	5.3	5.6	4.6	6.7	6.6	5.0	4.5	.6	1.2
244	Wooden containers	10.1	9.5	9.1	8.3	9.6	8.7	8.0	6.6	.5	.5
2441,2	Wooden boxes, shooks, and crates	9.8	10.0	8.9	8.6	9.4	8.6	7.7	6.3	.5	.5
249	Miscellaneous wood products	8.0	6.4	7.1	5.6	6.7	6.1	5.2	4.4	.5	.5
25	<b>FURNITURE AND FIXTURES</b>	6.5	6.4	5.9	5.7	6.5	6.5	4.9	4.7	.4	.6
251	Household furniture	6.6	6.7	5.9	5.9	6.7	7.0	5.1	5.0	.3	.7
2511	Wood household furniture	6.5	6.8	5.9	5.8	6.8	7.3	5.1	5.2	.2	.8
2512	Upholstered household furniture	4.9	5.2	4.5	4.7	5.3	5.4	3.9	4.2	.6	.4
2515	Mattresses and bedsprings	7.8	6.8	7.3	6.3	7.0	6.4	5.4	4.5	.3	.5
252	Office furniture	6.6	5.0	6.2	4.7	6.2	5.0	4.6	3.4	.2	.3
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	5.4	5.5	4.4	4.4	4.9	4.5	3.0	2.8	.9	.6
321	Flat glass	( <sup>2</sup> )	1.7	( <sup>2</sup> )	.4	( <sup>2</sup> )	3.1	( <sup>2</sup> )	.4	( <sup>2</sup> )	2.1
322	Glass and glassware, pressed or blown	4.9	4.0	3.4	3.1	3.9	4.4	2.1	2.3	.7	.9
3221	Glass containers	5.9	4.9	4.4	3.9	4.2	4.6	2.6	2.9	.6	.6
3229	Pressed and blown glass, n e c	3.5	2.9	1.9	2.0	3.6	4.3	1.5	1.5	.8	1.3
324	Cement, hydraulic	2.0	1.9	1.9	1.6	1.5	1.6	.8	.7	.1	.3
325	Structural clay products	6.9	7.0	6.0	6.3	6.6	6.0	4.7	4.6	.6	.2
3251	Brick and structural clay tile	7.2	8.0	6.5	7.4	7.3	7.0	5.4	5.7	.4	.1
326	Pottery and related products	5.0	4.9	4.6	4.4	4.7	4.4	3.4	3.0	.3	.3
3291	Abrasive products	2.4	3.0	2.3	2.5	1.9	2.3	1.3	1.4	.1	( <sup>1</sup> )
33	<b>PRIMARY METAL INDUSTRIES</b>	4.0	3.8	3.3	2.9	3.4	3.3	1.9	1.7	.3	.4
331	Blast furnaces and basic steel products	3.7	3.1	2.8	2.3	2.3	2.2	1.0	.9	.1	.1
3312	Blast furnaces and steel mills	3.7	3.0	2.7	2.1	2.2	2.1	.9	.8	.1	.1
332	Iron and steel foundries	5.6	5.7	5.0	4.8	5.9	5.7	4.0	3.6	.2	.7
3321	Gray iron foundries	6.0	5.8	5.2	4.9	6.1	5.8	4.4	3.8	.3	.7
3322	Malleable iron foundries	5.5	5.5	5.1	4.4	6.0	5.4	4.2	3.5	( <sup>1</sup> )	.6
3323	Steel foundries	4.9	5.5	4.3	5.0	5.4	5.5	3.0	3.2	.3	.8
333,4	Nonferrous metals	3.5	3.1	3.1	2.7	3.2	3.0	1.9	1.6	.3	.2
335	Nonferrous rolling and drawing	2.5	3.2	2.3	2.2	3.1	2.8	1.5	1.4	.7	.7
3351	Copper rolling and drawing	2.3	2.7	2.0	2.2	2.5	2.3	1.3	1.2	.2	.1
3352	Aluminum rolling and drawing	2.8	2.2	2.0	1.6	2.4	2.4	1.3	1.2	.4	.5
3357	Nonferrous wire drawing, and insulating	( <sup>2</sup> )	4.5	( <sup>2</sup> )	2.7	( <sup>2</sup> )	3.8	( <sup>2</sup> )	1.7	( <sup>2</sup> )	1.4
336	Nonferrous foundries	5.8	5.8	5.3	5.1	5.7	6.5	3.8	3.7	.5	.9
3361	Aluminum castings	6.1	6.2	5.5	5.2	5.8	7.0	4.1	3.8	.3	1.1
3362,9	Other nonferrous castings	5.5	5.4	5.2	4.9	5.6	6.0	3.5	3.6	.7	.8
339	Miscellaneous primary metal products	3.4	3.2	3.1	2.9	4.0	3.2	2.1	1.8	.7	.3
3391	Iron and steel forgings	3.5	3.0	3.1	2.7	4.1	3.0	2.1	1.6	.8	.3

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

# 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	
		May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969
	<i>Durable Goods--Continued</i>										
34	<b>FABRICATED METAL PRODUCTS</b>	5.4	5.2	4.8	4.3	5.5	5.2	3.4	3.0	0.7	1.0
341	Metal cans	4.9	6.1	3.2	3.2	3.9	4.3	1.3	1.7	1.1	1.1
342	Cutlery, hand tools, and hardware	4.1	4.4	3.4	3.3	4.2	4.5	2.6	2.4	.5	1.0
3421,3,5	Cutlery and hand tools, incl. saws	3.8	4.3	3.5	4.1	4.0	4.1	2.6	2.7	.3	.5
3429	Hardware, n e c	4.2	4.5	3.3	2.8	4.4	4.7	2.6	2.2	.6	1.3
343	Plumbing and heating, except electric	5.4	5.7	4.9	5.3	5.8	5.6	3.6	3.3	.7	.7
3431,2	Sanitary ware & plumbers' brass goods	5.1	6.0	4.4	5.6	5.8	5.7	3.4	3.5	1.0	.6
3433	Heating equipment, except electric	5.7	5.4	5.2	5.2	5.8	5.5	3.8	3.2	.4	.7
344	Fabricated structural metal products	6.3	5.7	5.6	4.9	5.8	5.4	3.5	3.1	.9	.9
3441	Fabricated structural steel	5.6	5.2	4.9	4.4	5.9	5.7	3.6	3.3	.8	1.0
3443	Fabricated plate work (boiler shops)	4.2	3.8	3.8	3.2	4.4	3.9	2.7	2.1	.6	.8
3446,9	Architectural and misc. metal work	8.1	7.3	7.5	5.9	6.7	5.8	3.6	3.0	1.6	1.1
345	Screw machine products, bolts, etc.	4.1	4.3	3.8	4.0	4.5	4.2	3.0	2.9	.5	.3
3452	Bolts, nuts, rivets, and washers	3.6	3.7	3.2	3.3	3.8	3.3	2.4	2.2	.5	.2
346	Metal stampings	( <sup>2</sup> )	4.8	( <sup>2</sup> )	3.1	( <sup>2</sup> )	5.0	( <sup>2</sup> )	2.3	( <sup>2</sup> )	1.7
348	Misc. fabricated wire products	5.8	6.0	5.2	5.6	6.2	5.9	3.9	4.1	1.1	.5
349	Misc. fabricated metal products	4.3	4.6	3.9	4.2	4.4	4.5	2.9	3.0	.5	.3
3494,8	Valves, pipe, and pipe fittings	3.9	4.2	3.5	3.9	4.2	4.5	2.7	2.9	.5	.4
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	3.3	3.3	2.8	2.7	3.4	3.3	2.0	1.8	.5	.6
351	Engines and turbines	2.0	3.7	1.4	2.3	2.9	3.7	1.3	1.2	.6	1.1
3511	Steam engines and turbines	1.1	2.4	.9	1.7	1.5	2.2	.7	1.0	( <sup>1</sup> )	.1
3519	Internal combustion engines, n e c	2.5	4.3	1.7	2.6	3.6	4.4	1.5	1.3	.9	1.7
352	Farm machinery	3.0	3.3	1.9	2.4	5.6	4.5	2.2	2.0	2.4	1.3
353	Construction and related machinery	3.3	3.5	2.9	3.1	2.9	3.1	1.9	1.9	.1	.2
3531,2	Construction and mining machinery	2.7	3.0	2.2	2.7	2.5	2.6	1.5	1.5	.1	.2
3533	Oil field machinery	4.4	3.9	4.2	3.6	4.0	3.9	2.8	2.7	( <sup>1</sup> )	.2
3535,6	Conveyors, hoists, cranes, monorails	3.5	3.7	3.0	3.4	3.0	3.5	2.0	2.2	.1	.3
354	Metal working machinery	3.0	2.8	2.6	2.3	3.1	3.1	1.8	1.7	.6	.6
3541	Machine tools, metal cutting types	2.3	1.9	1.9	1.6	2.2	2.4	1.4	1.3	.2	.4
3545	Machine tool accessories	3.2	2.8	2.8	2.4	2.5	2.7	1.7	1.9	.1	.1
3542,8	Misc. metal working machinery	1.9	2.3	1.5	2.0	2.3	2.1	1.4	1.2	.2	.1
355	Special industry machinery	2.9	2.5	2.7	2.2	2.9	2.7	1.9	1.7	.2	.3
3551	Food products machinery	2.7	2.8	2.6	2.4	2.8	2.6	1.7	1.5	.4	.4
3552	Textile machinery	3.0	2.7	2.7	2.3	3.3	3.5	2.3	2.4	.1	.3
356	General industrial machinery	3.5	3.1	3.0	2.7	3.2	3.2	2.0	1.8	.3	.6
3561	Pumps and compressors	3.1	3.0	2.5	2.6	3.1	3.3	1.8	1.8	.3	.5
3562	Ball and roller bearings	2.5	2.6	2.2	1.7	2.8	3.3	2.0	1.3	.1	1.4
3566	Power transmission equipment	4.5	3.3	3.9	3.0	3.9	3.0	2.3	1.8	.3	.2
357	Office and computing machines	3.0	2.8	2.3	2.2	2.7	2.5	1.4	1.2	.2	.2
3573	Electronic computing equipment	2.4	2.2	1.8	1.7	2.3	2.2	1.2	1.0	.2	.3
358	Service industry machines	5.5	4.8	4.9	4.2	4.8	4.0	2.9	2.5	.3	.3
3585	Refrigeration machinery	6.0	5.2	5.4	4.7	5.0	4.1	3.0	2.5	.3	.2
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	3.9	3.7	3.0	2.8	3.9	3.7	2.2	2.1	.6	.6
361	Electric test & distributing equipment	3.3	3.0	2.8	2.5	3.2	3.1	2.1	1.9	.3	.2
3611	Electric measuring instruments	3.5	3.1	2.9	2.5	3.5	3.3	2.2	2.0	.3	.4
3612	Transformers	4.0	3.7	3.5	3.1	3.8	3.5	2.5	2.3	.5	.1
3613	Switchgear and switchboard apparatus	2.6	2.4	2.3	2.0	2.5	2.6	1.7	1.6	( <sup>1</sup> )	.1
362	Electrical industrial apparatus	3.4	3.5	2.8	2.8	3.6	3.3	2.3	2.0	.5	.6
3621	Motors and generators	4.0	3.8	3.3	3.0	4.1	3.6	2.6	2.0	.5	.7
3622	Industrial controls	2.3	2.9	1.7	2.5	3.1	2.7	1.8	1.8	.6	.2
363	Household appliances	5.2	4.5	4.3	3.7	5.1	4.3	2.5	2.3	1.0	.5
3632	Household refrigerators and freezers	( <sup>2</sup> )	3.9	( <sup>2</sup> )	3.3	( <sup>2</sup> )	3.8	( <sup>2</sup> )	2.1	( <sup>2</sup> )	.4
3633	Household laundry equipment	4.6	3.3	3.8	2.6	2.9	3.2	1.8	1.4	.2	.7
3634	Electric housewares and fans	6.7	6.4	5.6	5.2	6.1	5.7	3.0	3.3	1.4	1.0
364	Electric lighting and wiring equipment	4.5	4.7	3.8	3.8	4.7	4.5	2.7	2.9	.9	.6
3641	Electric lamps	2.5	2.8	1.8	2.0	2.6	2.9	1.6	2.1	.4	.2
3642	Lighting fixtures	4.9	5.2	4.2	3.9	4.6	4.8	2.5	2.9	.9	.8
3643,4	Wiring devices	5.0	5.2	4.3	4.5	5.6	5.0	3.3	3.3	1.1	.6
365	Radio and TV receiving equipment	( <sup>2</sup> )	6.1	( <sup>2</sup> )	3.2	( <sup>2</sup> )	5.8	( <sup>2</sup> )	2.8	( <sup>2</sup> )	.8
366	Communication equipment	2.3	2.3	1.7	1.7	2.6	2.4	1.5	1.3	.5	.5
3661	Telephone and telegraph apparatus	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
3662	Radio and TV communication equipment	2.3	2.4	1.5	1.7	2.8	2.7	1.5	1.4	.6	.7
367	Electronic components and accessories	5.4	4.4	4.0	3.4	4.8	4.5	2.8	2.5	.7	.7
3671-3	Electron tubes	4.5	3.0	3.0	1.8	4.6	4.5	2.6	1.9	.7	1.1
3674,9	Other electronic components	5.6	4.7	4.3	3.8	4.9	4.5	2.9	2.7	.6	.7
369	Misc. electrical equipment & supplies	3.5	3.3	2.6	2.4	3.2	3.4	2.0	1.7	.3	.7
3694	Engine electrical equipment	3.0	2.7	2.0	1.6	2.5	2.5	1.4	1.2	.2	.4

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

# 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	
		May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969
<i>Durable Goods--Continued</i>											
37	<b>TRANSPORTATION EQUIPMENT</b>	4.6	4.3	2.9	2.8	4.5	4.4	1.8	1.9	1.7	1.6
371	Motor vehicles and equipment	(2)	4.6	(2)	2.4	(2)	4.3	(2)	1.4	(2)	1.9
3711	Motor vehicles	(2)	4.5	(2)	2.1	(2)	3.6	(2)	1.1	(2)	1.5
3712	Passenger car bodies	(2)	9.6	(2)	2.6	(2)	9.8	(2)	.6	(2)	8.2
3713	Truck and bus bodies	(2)	5.6	(2)	4.6	(2)	5.5	(2)	2.7	(2)	.8
3714	Motor vehicle parts and accessories	(2)	3.5	(2)	2.0	(2)	3.7	(2)	1.3	(2)	1.4
372	Aircraft and parts	2.1	1.9	1.6	1.4	2.4	2.6	1.2	1.3	.7	.8
3721	Aircraft	2.0	1.8	1.6	1.4	2.1	2.5	1.1	1.3	.6	.8
3722	Aircraft engines and engine parts	2.0	1.6	1.3	1.1	2.5	2.2	1.1	1.1	1.0	.5
3723,9	Other aircraft parts and equipment	2.4	2.5	1.8	1.9	3.4	3.5	1.7	1.8	1.0	1.2
373	Ship and boat building and repairing	9.5	10.5	5.8	7.6	10.2	10.2	4.0	4.7	4.6	3.9
3731	Ship building and repairing	9.7	10.2	4.9	6.5	10.8	10.0	3.2	3.5	5.9	5.0
374	Railroad equipment	(2)	5.1	(2)	3.4	(2)	5.0	(2)	1.7	(2)	1.4
375,9	Other transportation equipment	10.8	10.3	10.3	9.6	11.4	9.1	7.4	6.6	1.5	.5
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	3.1	3.1	2.6	2.6	3.4	3.2	2.1	1.9	.5	.5
381	Engineering & scientific instruments	2.2	2.4	1.7	1.8	4.2	3.0	1.9	1.6	1.7	.8
382	Mechanical measuring & control devices	3.6	3.5	3.2	3.0	3.6	3.2	2.2	1.9	.4	.3
3821	Mechanical measuring devices	3.6	3.0	3.4	2.7	3.7	2.9	2.4	1.8	.3	.3
3822	Automatic temperature controls	3.5	4.2	2.9	3.4	3.6	3.6	1.8	1.9	.4	.3
383,5	Optical and ophthalmic goods	3.7	4.2	3.0	3.7	3.1	3.6	2.1	2.4	.2	.5
384	Medical instruments and supplies	4.0	4.0	3.6	3.7	4.0	3.7	2.9	2.7	.2	.3
386	Photographic equipment and supplies	(2)	2.0	(2)	1.8	(2)	2.1	(2)	1.3	(2)	.2
387	Watches, clocks, and watchcases	3.8	3.4	2.6	2.4	4.8	5.6	3.1	2.5	.6	1.9
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	6.4	6.2	5.0	4.8	5.5	5.6	3.4	3.5	1.0	.9
391	Jewelry, silverware, and plated ware	4.3	3.7	3.8	3.2	4.4	4.1	2.8	3.0	.6	.4
394	Toys and sporting goods	11.0	11.2	7.9	7.8	8.3	8.2	5.3	5.0	1.6	1.6
3941-3	Games, toys, dolls, & play vehicles	14.0	13.9	9.2	8.6	9.2	8.3	5.9	5.3	2.0	1.7
3949	Sporting and athletic goods, n e c	7.0	7.8	6.2	6.9	7.1	8.1	4.6	4.6	1.0	1.5
395	Pens, pencils, office and art supplies	3.6	4.0	3.1	3.3	4.9	4.2	2.4	2.4	1.1	.5
396	Costume jewelry and notions	5.7	5.4	4.2	4.6	5.1	5.4	3.1	3.5	1.3	.8
393,8,9	Other manufacturing industries	4.5	4.3	3.9	3.7	4.1	4.5	2.5	2.8	.5	.7
<i>Nondurable Goods</i>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	7.0	5.9	5.2	4.2	6.2	5.7	3.5	3.1	1.9	1.8
201	Meat products	8.1	6.3	5.0	3.6	6.3	6.1	3.8	3.2	1.8	2.3
2011	Meat packing plants	6.4	5.6	2.4	1.9	5.5	5.9	1.9	1.7	3.0	3.7
2015	Poultry dressing plants	14.4	9.4	11.4	7.7	10.0	8.2	8.8	7.1	.1	.3
204	Grain mill products	5.5	3.6	4.4	2.9	4.4	3.5	2.3	2.2	1.2	.6
2041	Flour and other grain mill products	3.8	3.4	3.1	2.7	3.8	3.1	2.0	2.0	.9	.6
2042	Prepared feeds for animals and fowls	6.3	3.8	5.6	3.5	4.4	3.7	2.8	2.6	.7	.4
205	Bakery products	5.1	4.6	4.6	4.0	4.4	4.7	3.2	3.0	.5	1.0
2051	Bread, cake, and related products	5.1	4.6	4.9	4.1	4.1	4.3	3.3	3.0	.2	.7
2052	Cookies and crackers	4.8	4.6	3.2	3.6	6.2	6.7	2.4	2.9	2.5	2.5
207	Confectionery and related products	7.3	8.2	5.4	5.6	8.5	8.0	4.7	4.4	2.7	2.7
2071	Confectionery products	8.1	9.1	6.2	6.2	9.8	9.2	5.4	5.0	3.1	3.3
208	Beverages	7.3	5.6	5.9	4.5	5.3	4.7	3.6	3.0	.9	1.0
2082	Malt liquors	4.0	3.2	1.8	1.4	2.9	2.6	.6	.5	1.9	1.7
21	<b>TOBACCO MANUFACTURES</b>	2.9	2.7	1.8	1.6	3.3	6.1	1.6	1.8	1.1	3.4
211	Cigarettes	1.8	1.2	1.1	.6	1.4	2.7	.8	.9	(1)	1.1
212	Cigars	4.2	3.7	3.2	2.8	5.1	6.4	3.6	3.9	1.0	1.7

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

# 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	
		May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969
<i>Nondurable Goods--Continued</i>											
22	<b>TEXTILE MILL PRODUCTS</b>	5.7	5.6	4.7	4.6	5.6	5.8	4.2	4.2	0.5	0.6
221	Weaving mills, cotton	6.0	5.8	4.8	4.6	6.0	6.6	4.6	4.5	.3	.7
222	Weaving mills, synthetics	5.6	5.6	4.8	4.5	5.4	5.6	4.3	4.1	.1	.3
223	Weaving and finishing mills, wool	5.1	5.3	4.4	4.6	4.9	5.4	3.6	4.0	.3	.4
224	Narrow fabric mills	4.7	4.5	4.1	3.6	4.9	4.9	3.4	3.2	.7	.8
225	Knitting mills	5.5	5.4	4.5	4.2	5.0	5.0	3.7	3.6	.6	.7
2251	Women's hosiery, except socks	4.6	4.5	4.2	4.0	4.7	4.5	3.9	3.8	.4	.2
2252	Hosiery, n e c	5.6	4.3	4.6	3.5	4.6	4.7	3.6	3.5	.2	.4
2254	Knit underwear mills	4.8	4.0	3.7	3.1	3.7	3.6	3.1	2.9	.3	.1
226	Textile finishing, except wool	4.6	4.6	3.8	3.7	4.5	4.8	3.1	3.3	.3	.4
227	Floor covering mills	5.5	5.5	4.7	4.7	5.8	5.8	3.9	4.2	.6	.5
228	Yarn and thread mills	7.2	7.3	5.8	6.1	7.2	7.3	5.9	5.9	.4	.4
229	Miscellaneous textile goods	5.3	5.3	4.3	4.5	6.2	6.3	3.8	3.9	1.2	1.2
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	6.0	5.6	4.0	3.7	5.6	6.0	3.3	3.0	1.5	2.2
231	Men's and boys' suits and coats	3.4	4.0	2.5	2.6	2.8	3.3	1.9	2.0	.4	.7
232	Men's and boys' furnishings	6.1	5.8	4.8	4.5	6.1	5.4	4.5	3.8	.8	.8
2321	Men's and boys' shirts and nightwear	6.0	5.5	4.7	3.9	5.9	4.8	4.1	3.3	1.0	.8
2327	Men's and boys' separate trousers	5.3	4.9	4.1	4.0	5.4	5.3	4.5	4.1	.1	.5
2328	Men's and boys' work clothing	6.7	6.4	5.6	5.4	6.2	5.4	5.2	4.4	.3	.3
234	Women's and children's undergarments	4.3	4.4	3.3	3.5	5.2	4.9	3.7	3.3	.7	.8
2341	Women's and children's underwear	4.3	4.8	3.4	3.9	5.1	4.8	4.0	3.5	.4	.4
2342	Corsets and allied garments	4.4	3.7	2.9	2.5	5.5	5.3	3.2	3.0	1.4	1.4
26	<b>PAPER AND ALLIED PRODUCTS</b>	4.4	3.9	3.9	3.4	4.1	3.9	2.7	2.5	.5	.4
261,2,6	Paper and pulp mills	2.8	2.5	2.4	2.1	2.0	2.1	1.2	1.2	.3	.3
263	Paperboard mills	2.9	2.6	2.6	2.4	2.8	2.5	1.7	1.6	.3	.2
264	Misc. converted paper products	5.1	4.5	4.5	4.0	5.0	4.3	3.4	2.9	.5	.4
2643	Bags, except textile bags	5.6	5.6	4.5	5.0	6.7	6.6	4.1	4.2	1.2	1.1
265	Paperboard containers and boxes	6.0	5.1	5.3	4.6	5.9	5.5	4.0	3.6	.6	.6
2651,2	Folding and setup paperboard boxes	6.5	5.4	5.8	4.6	6.0	5.9	3.8	3.8	.8	.8
2653	Corrugated and solid fiber boxes	6.0	4.8	5.5	4.6	5.5	5.3	4.1	3.7	.2	.4
	<b>PRINTING AND PUBLISHING</b>	3.7	3.2	3.0	2.8	3.5	3.3	2.4	2.1	.5	.5
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	2.8	2.6	2.3	2.2	2.9	2.5	1.6	1.5	.5	.3
281	Industrial chemicals	1.9	1.6	1.6	1.3	1.9	1.7	1.0	.9	.3	.2
282	Plastics materials and synthetics	2.1	1.6	1.7	1.3	2.0	1.7	1.1	1.0	.3	.2
2821	Plastics materials and resins	2.4	1.7	2.1	1.5	1.8	1.6	1.2	1.0	.1	.1
2823,4	Synthetic fibers	2.0	1.6	1.4	1.2	2.1	1.7	1.1	.9	.4	.3
283	Drugs	2.7	2.4	2.4	2.1	2.3	1.9	1.5	1.2	.3	.2
2834	Pharmaceutical preparations	2.9	2.4	2.5	2.1	2.3	2.0	1.6	1.3	.3	.2
284	Soap, cleaners, and toilet goods	4.2	3.4	3.3	2.9	3.7	3.8	2.0	1.9	.8	.8
2841	Soap and other detergents	2.9	1.6	2.0	1.0	2.8	2.4	.8	.8	1.2	.9
2844	Toilet preparations	5.4	4.7	4.5	4.1	4.3	4.7	2.8	2.7	.3	.7
285	Paints and allied products	3.6	3.0	3.3	2.8	3.0	2.6	2.1	1.9	.1	.1
286,9	Other chemical products	3.0	3.2	2.7	2.6	3.5	3.5	1.9	2.1	.6	.4
29	<b>PETROLEUM AND COAL PRODUCTS</b>	2.6	2.4	2.3	2.0	2.1	2.0	1.1	1.0	.3	.2
291	Petroleum refining	1.6	1.4	1.3	1.3	1.3	1.3	.5	.6	.3	.2
295,9	Other petroleum and coal products	6.9	6.4	6.4	5.3	5.3	4.8	3.5	2.8	.4	.5
30	<b>RUBBER AND PLASTICS PRODUCTS, N E C.</b>	5.7	5.2	4.8	4.4	6.1	5.2	3.8	3.4	.9	.6
301	Tires and inner tubes	3.2	2.5	2.5	1.9	2.0	1.9	1.1	1.0	.2	.2
302,3,6	Other rubber products	5.0	4.5	4.2	3.6	5.7	4.7	3.4	2.9	.7	.5
307	Miscellaneous plastics products	7.2	6.9	6.2	6.0	8.0	6.8	5.1	4.7	1.4	.8

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

# 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	
		May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969	May 1969	Apr. 1969
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS . . . . .	6.7	5.8	5.0	4.2	6.5	6.7	4.1	3.9	1.3	1.7
311	Leather tanning and finishing . . . . .	5.5	5.8	4.5	4.3	5.5	5.6	3.1	3.3	1.4	1.3
314	Footwear, except rubber . . . . .	6.6	5.7	4.8	4.0	6.3	6.4	4.1	3.8	1.1	1.4
	<b>NONMANUFACTURING</b>										
10	METAL MINING . . . . .	3.9	3.7	3.4	2.6	2.8	3.0	2.0	2.1	.1	.1
101	Iron ores . . . . .	4.0	4.1	3.0	1.5	1.5	2.0	.9	.7	( <sup>1</sup> )	.1
102	Copper ores . . . . .	2.7	2.3	2.3	1.7	2.2	2.0	1.4	1.2	.1	.1
11,12	COAL MINING . . . . .	2.0	2.0	1.5	1.4	1.5	1.5	1.0	.7	.1	.3
12	Bituminous coal and lignite mining . . . . .	2.0	2.0	1.5	1.4	1.5	1.5	1.0	.7	.2	.3
	<b>COMMUNICATION:</b>										
481	Telephone communication . . . . .	( <sup>2</sup> )	3.0	-	-	( <sup>2</sup> )	2.0	( <sup>2</sup> )	1.5	( <sup>2</sup> )	.1
482	Telegraph communication <sup>3</sup> . . . . .	( <sup>2</sup> )	2.3	-	-	( <sup>2</sup> )	2.8	( <sup>2</sup> )	1.6	( <sup>2</sup> )	.7

<sup>1</sup> Less than 0.05

<sup>2</sup> Not available.

<sup>3</sup> Data relate to all employees except messengers.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA

## SEASONALLY ADJUSTED LABOR TURNOVER

**D-3: Labor turnover rates in manufacturing, 1958 to date**  
seasonally adjusted

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Total accessions</b>												
1958.....	3.1	3.1	3.2	3.3	3.5	3.7	3.9	3.9	4.0	3.9	3.9	4.2
1959 <sup>1</sup> .....	4.0	4.3	4.6	4.3	4.1	4.2	4.1	4.1	4.0	3.8	4.2	5.6
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	3.9	4.0	4.0	4.0	3.9	3.9	4.0	4.1
1965.....	4.0	4.1	4.3	4.1	4.1	4.3	4.1	4.3	4.5	4.4	4.8	4.9
1966.....	4.9	5.0	5.2	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.6
1967.....	4.6	4.3	4.1	4.2	4.6	4.5	4.4	4.4	4.3	4.5	4.5	4.4
1968.....	4.5	4.5	4.1	4.7	4.6	4.5	4.7	4.6	4.7	4.8	4.6	4.7
1969.....	4.9	4.6	4.6	4.9	4.8							
<b>New hires</b>												
1958.....	1.4	1.4	1.3	1.5	1.5	1.6	1.8	1.8	2.0	2.0	2.1	2.2
1959 <sup>1</sup> .....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.7	2.4	2.4	2.7
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	2.2	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	3.8	4.3	3.9	4.0	4.0	3.7	3.8	3.7	3.8	3.7	3.5
1967.....	3.5	3.3	3.3	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.3
1968.....	3.5	3.3	3.4	3.5	3.5	3.3	3.5	3.5	3.6	3.6	3.5	3.7
1969.....	3.8	3.7	4.0	3.9	3.7							
<b>Total separations</b>												
1958.....	5.4	4.8	4.9	4.6	4.2	3.8	3.8	3.7	3.6	3.8	3.6	3.7
1959 <sup>1</sup> .....	3.7	3.6	3.6	3.8	3.8	3.9	4.0	4.1	4.2	5.0	4.6	4.1
1960.....	3.6	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.4	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	4.1	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	4.7	4.9	4.9	4.7	4.9	4.5	4.7	4.5
1967.....	4.6	4.8	5.2	4.7	4.6	4.7	4.4	4.3	4.5	4.4	4.4	4.3
1968.....	4.5	4.7	4.6	4.5	4.7	4.5	4.6	4.9	4.6	4.6	4.5	4.2
1969.....	4.6	4.8	4.9	4.9	5.0							
<b>Quits</b>												
1958.....	1.1	1.1	1.0	.9	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3
1959 <sup>1</sup> .....	1.4	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
1960.....	1.5	1.6	1.5	1.5	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	1.4	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	1.9	2.0	2.0	2.1	2.2
1966.....	2.3	2.3	2.6	2.7	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7
1967.....	2.5	2.4	2.4	2.3	2.3	2.4	2.2	2.3	2.3	2.3	2.3	2.4
1968.....	2.4	2.4	2.4	2.3	2.5	2.3	2.4	2.6	2.4	2.6	2.6	2.5
1969.....	2.7	2.7	2.7	2.7	2.9							
<b>Layoffs</b>												
1958.....	3.4	3.3	3.4	3.3	3.0	2.4	2.5	2.3	2.1	2.1	1.9	1.9
1959 <sup>1</sup> .....	1.8	1.7	1.7	1.7	1.7	1.7	1.9	2.0	2.0	2.9	2.5	1.9
1960.....	1.5	1.9	2.3	2.4	2.3	2.5	2.4	2.6	2.4	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	1.7	1.8	2.0	2.0	2.0	2.4	2.0	2.0	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	1.1	1.1	1.1	1.2	1.3
1967.....	1.3	1.5	1.7	1.5	1.4	1.4	1.4	1.3	1.3	1.3	1.2	1.2
1968.....	1.3	1.3	1.3	1.1	1.3	1.1	1.2	1.2	1.2	1.2	1.1	1.1
1969.....	1.1	1.1	1.2	1.0	1.1							

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

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

Data for the current month are preliminary.

# ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

## D-4: Labor turnover rates in manufacturing for selected States and areas

(Per 100 employees)

State and area	Accession rates				Separation rates						
	Total		New hires		Total		Quits		Layoffs		
	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969	
<b>ALABAMA:</b>											
Birmingham	3.6	3.7	2.7	2.4	2.6	2.7	1.5	1.4	0.4	0.8	
Mobile	6.9	8.6	4.4	2.5	4.3	4.7	1.9	1.8	1.6	2.3	
<b>ALASKA</b>	28.9	19.1	18.4	12.3	12.7	11.7	8.4	5.2	3.3	6.0	
<b>ARIZONA</b>	6.6	5.7	5.1	4.5	5.1	4.6	2.9	2.6	.9	.8	
Phoenix	6.5	5.5	5.0	4.4	5.1	4.5	2.9	2.5	.9	.8	
<b>ARKANSAS</b>	7.6	7.3	6.2	5.9	6.6	6.0	4.8	4.4	.8	.6	
Fort Smith	10.0	9.3	8.5	7.7	7.8	7.6	6.9	5.6	.2	1.2	
Little Rock-North Little Rock	7.2	8.3	6.5	7.0	5.1	5.8	4.1	4.4	.1	.1	
Pine Bluff	5.0	3.9	4.3	3.5	5.0	5.2	3.7	3.7	.4	.3	
<b>CALIFORNIA</b>	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Los Angeles-Long Beach	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
<b>COLORADO</b>	5.0	4.8	3.5	3.8	4.0	4.0	2.2	2.3	.8	.9	
Denver	5.3	4.5	4.6	3.8	4.1	3.8	2.4	2.3	.6	.6	
<b>CONNECTICUT</b>	3.1	3.3	2.6	2.7	3.7	3.3	2.2	2.0	.6	.4	
Hartford	2.5	2.9	2.1	2.1	3.4	2.9	1.9	1.7	.5	.2	
<b>DELAWARE</b> <sup>1</sup>	9.2	2.7	1.8	1.7	9.3	2.3	1.4	1.3	7.0	.2	
Wilmington <sup>1</sup>	9.0	2.4	1.5	1.4	9.1	2.0	1.2	1.1	7.1	.2	
<b>DISTRICT OF COLUMBIA:</b>											
Washington SMSA	2.9	3.0	2.6	2.8	3.0	2.4	2.4	1.8	(2)	.1	
<b>FLORIDA</b>	6.7	6.3	5.7	5.6	7.1	6.7	4.5	4.0	1.7	1.7	
Fort Lauderdale-Hollywood	9.2	9.8	9.0	9.2	10.5	9.1	7.6	6.2	1.0	1.0	
Jacksonville	5.0	6.3	4.6	5.9	4.2	6.3	3.3	5.2	.2	.3	
Miami	5.9	5.7	5.6	5.4	5.9	5.2	4.5	3.5	.7	.7	
Orlando	3.9	5.3	3.6	4.5	4.8	4.5	2.8	2.8	1.3	.8	
Pensacola	1.7	1.3	1.6	1.1	2.1	1.8	1.8	1.5	.1	.1	
Tampa-St. Petersburg	6.9	8.3	5.5	7.3	6.8	7.9	4.8	5.0	1.1	1.8	
West Palm Beach	3.8	3.9	3.5	3.2	5.2	16.0	2.6	2.6	.4	11.8	
<b>GEORGIA</b>	6.0	5.3	5.0	4.7	5.8	5.8	4.3	4.2	.5	.6	
Atlanta <sup>3</sup>	6.3	5.8	5.5	4.7	5.9	5.7	4.3	3.9	.5	.8	
<b>HAWAII</b> <sup>4</sup>	3.8	3.7	3.0	3.4	3.2	3.4	1.5	1.9	.2	.3	
<b>IDAHO</b> <sup>5</sup>	10.4	6.5	6.6	4.0	8.7	11.1	4.7	3.5	2.9	6.6	
<b>ILLINOIS:</b>											
Chicago	4.4	4.5	3.9	3.8	4.5	4.5	2.8	2.8	.4	.	
<b>INDIANA</b> <sup>1</sup>	4.0	3.9	3.2	2.9	3.8	3.8	2.3	2.1	.5	.7	
Indianapolis <sup>6</sup>	3.7	3.1	3.0	2.5	4.0	3.5	2.3	1.9	.5	.5	
<b>IOWA</b>	3.4	3.9	2.6	3.0	4.0	4.3	2.4	2.3	.9	1.3	
Cedar Rapids	2.9	3.8	2.4	3.0	2.8	4.1	1.7	2.0	.3	1.4	
Des Moines	3.7	3.2	2.9	2.7	4.5	4.2	2.6	2.0	.7	1.1	
<b>KANSAS</b>	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Topeka	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
Wichita	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	
<b>KENTUCKY:</b>											
Louisville	4.2	3.9	3.1	3.1	4.9	4.2	2.4	2.2	1.6	1.1	
	3.1	3.1	2.5	2.4	3.7	3.4	1.7	1.6	.8	.9	
<b>LOUISIANA:</b>											
New Orleans <sup>7</sup>	3.1	3.2	2.2	1.8	4.0	3.8	1.7	1.7	1.3	1.3	
<b>MAINE</b>	5.9	5.7	4.3	3.8	6.6	5.8	3.7	3.2	1.8	1.5	
Portland	4.0	5.4	3.5	4.2	4.8	4.4	2.9	3.2	1.0	.4	
<b>MARYLAND</b>	3.5	3.3	2.6	2.4	3.6	3.4	1.8	1.6	1.0	1.0	
Baltimore	3.5	3.3	2.5	2.5	3.6	3.6	1.8	1.7	1.0	1.2	

See footnotes at end of table.

NOTE: Data for the current month are preliminary.



# ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

**D-4: Labor turnover rates in manufacturing for selected States and areas--Continued**

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969
MASSACHUSETTS.....	4.0	4.4	3.3	3.4	4.2	4.0	2.6	2.4	0.7	0.7
Boston.....	3.9	4.0	3.1	3.2	3.8	4.0	2.5	2.4	.5	.6
MICHIGAN.....	(*)	3.9	(*)	2.3	(*)	4.1	(*)	1.5	(*)	1.6
Detroit.....	5.0	3.7	2.6	2.4	5.1	4.0	1.5	1.5	2.3	1.3
MINNESOTA.....	4.7	4.9	3.6	3.9	4.9	4.7	2.9	2.7	1.1	1.2
Duluth-Superior.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Minneapolis-St. Paul.....	4.7	4.9	3.7	3.9	4.7	4.5	2.9	2.8	.9	.7
MISSISSIPPI:										
Jackson.....	5.9	5.0	5.5	4.6	6.1	4.6	4.6	3.5	.5	.2
MISSOURI.....	4.0	4.1	3.2	3.0	4.3	4.3	2.4	2.3	.9	1.0
Kansas City.....	4.0	4.0	3.5	3.1	4.4	4.1	2.6	2.3	.8	.9
St. Louis.....	3.5	3.6	2.8	2.9	3.5	3.6	1.8	1.8	.6	.7
MONTANA <sup>5</sup> .....	4.7	2.8	4.2	2.7	3.8	3.7	2.9	2.1	.1	.8
NEBRASKA.....	5.2	4.8	4.4	4.1	4.9	5.1	3.6	3.5	.3	.4
NEVADA.....	(*)	3.6	(*)	3.3	(*)	6.2	(*)	2.8	(*)	1.5
NEW HAMPSHIRE.....	5.1	5.0	4.4	4.2	5.8	5.3	4.4	3.8	.7	.6
NEW JERSEY:										
Jersey City.....	4.4	3.4	2.7	2.5	3.5	4.0	1.7	1.6	.8	1.5
Newark.....	3.9	3.9	3.0	3.2	3.7	3.6	2.0	1.9	.8	.7
Paterson-Clifton-Passaic.....	4.3	4.1	3.2	3.4	5.1	5.0	2.5	2.4	1.5	1.6
Perth Amboy.....	3.0	3.8	2.5	3.1	3.1	3.1	1.6	1.7	.8	.6
Trenton.....	3.4	3.4	2.8	2.9	4.0	3.3	2.0	1.6	.8	.9
NEW YORK.....	4.1	4.6	3.0	3.2	4.5	4.1	2.1	2.0	1.5	1.2
Albany-Schenectady-Troy.....	3.9	3.1	2.6	2.3	3.5	2.9	2.0	1.5	.5	.5
Binghamton.....	1.9	2.1	1.4	1.6	2.7	2.3	1.6	1.3	.4	.3
Buffalo.....	3.2	3.1	2.0	2.0	3.1	3.0	1.4	1.3	.8	.9
Elmira.....	3.2	3.2	2.5	2.9	3.5	3.2	1.8	1.7	.9	.7
Monroe County <sup>8</sup> .....	2.4	2.4	2.0	2.1	2.5	2.5	1.6	1.5	.3	.3
Nassau and Suffolk Counties <sup>9</sup> .....	3.9	5.3	3.5	3.7	4.7	4.0	2.8	2.7	1.1	.5
New York SMSA.....	4.8	6.0	3.6	4.1	5.5	4.8	2.4	2.3	2.3	1.5
New York City <sup>3</sup> .....	5.0	6.3	3.7	4.3	5.8	5.0	2.3	2.2	2.7	1.8
Rochester.....	2.5	2.6	2.1	2.2	2.7	3.2	1.6	1.6	.4	.9
Syracuse.....	3.6	3.2	2.8	2.5	3.4	3.0	2.1	1.8	.3	.3
Utica-Rome..... <sup>6</sup>	3.4	3.8	2.2	2.9	2.9	3.6	1.9	2.1	.5	.8
Westchester County.....	5.0	4.7	3.4	3.4	4.6	4.7	2.4	2.1	1.3	1.5
NORTH CAROLINA.....	4.6	4.3	3.9	3.7	5.0	4.5	3.7	3.4	.3	.2
Charlotte.....	5.3	5.2	4.9	4.9	5.6	5.5	4.5	4.3	.2	.3
Greensboro--Winston-Salem--High Point.....	3.7	3.9	3.3	3.4	3.7	3.9	2.9	3.0	.1	.1
NORTH DAKOTA.....	5.3	9.0	4.3	3.1	6.9	3.4	2.4	2.2	3.9	.6
Fargo-Moorhead.....	7.6	5.4	5.3	2.8	6.1	14.1	3.3	2.4	2.5	10.9
OHIO.....	4.1	3.8	3.0	2.7	3.9	3.6	2.0	1.8	.8	.9
Akron.....	2.9	3.3	2.2	2.5	2.9	2.6	1.6	1.4	.3	.4
Canton.....	3.6	3.7	2.8	2.7	3.5	3.2	1.9	1.6	.3	.3
Cincinnati.....	5.8	4.1	3.1	3.2	5.7	3.6	2.2	2.1	2.6	.5
Cleveland.....	3.4	3.5	2.9	2.8	3.7	3.5	2.2	1.9	.4	.7
Columbus.....	4.4	4.5	3.7	3.6	3.8	4.2	2.3	2.2	.5	1.1
Dayton.....	3.8	3.1	3.0	2.3	3.2	2.9	2.0	1.5	.2	.4
Toledo.....	3.8	3.7	3.0	2.6	4.1	3.7	2.0	1.7	.3	.5
Youngstown-Warren.....	3.0	4.0	2.3	2.1	2.4	5.5	1.2	1.0	.2	3.6
OKLAHOMA:										
Oklahoma City.....	7.7	7.4	6.7	6.0	7.1	6.5	5.1	4.2	.7	1.1
Tulsa <sup>10</sup> .....	(*)	5.8	(*)	5.4	(*)	5.0	(*)	3.5	(*)	.5
OREGON <sup>1</sup> .....	7.1	6.4	5.7	5.5	6.4	6.2	3.8	3.4	1.6	1.7
Portland <sup>1</sup> .....	6.3	5.8	5.4	5.0	5.6	5.5	3.2	3.0	1.3	1.5

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

# ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

## D-4: Labor turnover rates in manufacturing for selected States and areas--Continued

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969	Apr. 1969	Mar. 1969
<b>PENNSYLVANIA:</b>										
Allentown-Bethlehem-Easton . . . . .	3.5	3.5	2.9	2.3	3.5	3.4	2.1	1.8	0.6	0.6
Altoona . . . . .	4.2	4.8	3.7	3.7	4.0	3.6	3.0	2.7	.5	.4
Erie . . . . .	4.4	3.9	3.2	2.7	4.1	3.6	2.4	2.0	.7	.7
Harrisburg . . . . .	2.7	2.7	1.8	1.9	2.5	2.2	1.8	1.5	.2	.3
Johnstown . . . . .	3.1	3.8	2.6	1.6	4.0	2.3	1.2	1.0	1.7	.5
Lancaster . . . . .	3.5	3.7	2.9	3.0	4.2	3.4	2.6	2.4	.6	.2
Philadelphia . . . . .	3.4	3.5	2.6	2.7	3.4	3.5	1.8	1.7	.8	.9
Pittsburgh . . . . .	2.5	2.6	1.6	1.7	1.9	2.2	.8	.8	.3	.7
Reading . . . . .	3.9	3.7	3.0	3.3	3.9	4.4	2.5	2.6	.8	1.1
Scranton . . . . .	3.6	3.9	2.7	2.6	3.4	4.5	1.5	1.4	1.2	2.6
Wilkes-Barre-Hazleton . . . . .	3.9	4.1	2.8	2.9	3.3	3.8	2.3	2.3	.5	.8
York . . . . .	4.0	4.1	3.5	3.4	4.7	6.8	3.0	2.8	1.2	3.2
<b>RHODE ISLAND:</b>										
Providence-Pawtucket-Warwick . . . . .	5.4	6.0	4.5	4.8	5.8	5.4	4.0	3.5	1.0	.9
	5.0	5.8	4.3	4.8	5.4	5.1	3.8	3.4	.8	.7
<b>SOUTH CAROLINA:</b>										
Greenville . . . . .	5.4	5.0	4.9	4.4	5.7	5.8	4.5	4.3	.3	.4
<b>SOUTH DAKOTA:</b>										
Sioux Falls . . . . .	4.5	4.5	2.8	2.6	4.7	5.0	2.6	2.1	1.6	2.6
	5.4	6.2	2.6	2.7	5.3	6.4	2.0	2.0	2.9	4.2
<b>TENNESSEE:</b>										
Memphis . . . . .	6.5	6.2	6.0	5.6	5.6	5.2	3.6	3.2	.6	.8
<b>TEXAS:</b>										
Dallas . . . . .	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Dallas . . . . .	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Fort Worth . . . . .	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Houston . . . . .	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
San Antonio . . . . .	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
<b>UTAH</b> <sup>5</sup> . . . . .										
Salt Lake City <sup>5</sup> . . . . .	4.3	4.2	3.4	3.0	4.3	3.3	2.4	2.0	1.0	.6
	3.6	3.5	3.0	2.9	4.1	3.2	2.3	2.0	1.0	.6
<b>VERMONT:</b>										
Burlington . . . . .	2.9	3.1	2.2	2.3	3.3	3.2	2.4	1.9	.3	.5
Burlington . . . . .	1.7	2.3	1.2	1.8	2.6	1.7	1.8	1.2	.2	.2
Springfield . . . . .	1.8	1.8	1.4	1.3	2.6	1.9	1.6	1.3	.6	.3
<b>VIRGINIA:</b>										
Richmond . . . . .	3.9	3.7	3.2	3.1	4.2	4.1	2.9	2.7	.4	.6
Richmond . . . . .	3.3	3.1	2.6	2.8	4.1	4.0	2.2	2.3	.8	.8
<b>WASHINGTON:</b>										
Seattle-Everett <sup>11</sup> . . . . .	3.6	3.1	2.9	2.5	4.2	3.7	2.8	2.4	.6	.6
<b>WEST VIRGINIA:</b>										
Charleston . . . . .	1.0	.8	.6	.5	1.9	3.6	.6	.5	.8	2.7
<b>WISCONSIN:</b>										
Milwaukee . . . . .	3.8	3.8	3.1	3.1	3.9	3.6	2.4	2.1	.5	.6
Milwaukee . . . . .	3.7	3.9	3.1	3.3	3.7	3.6	2.3	2.1	.3	.3
<b>WYOMING</b> <sup>5</sup> . . . . .										
	6.8	6.3	5.2	5.3	7.4	9.6	4.0	3.7	2.3	5.2

- <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> Excludes printing and publishing.
- <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.

\* Not available.  
NOTE: Data for the current month are preliminary.  
SOURCE: Cooperating State agencies listed on inside back cover.

UNEMPLOYMENT INSURANCE DATA

E-1: Insured unemployment under State programs

(Week including the 12th of the month)

State	Number (in thousands)					Rate (percent of average covered employment)		
	June 1969	May 1969	June 1968	change to June 1969 from <sup>1</sup>		June 1969	May 1969	June 1968
				May 1969	June 1968			
<b>TOTAL<sup>2</sup></b> .....	844.2	915.7	883.2	-71.5	-39.0	1.7	1.8	1.8
<b>SEASONALLY ADJUSTED</b> .....	1053.4	1015.2	1101.5	38.3	-48.1	2.1	2.0	2.2
Alabama.....	11.3	11.5	14.5	-2	-3.2	1.7	2.2	1.7
Alaska.....	2.0	2.5	2.5	-5	-5	4.4	5.7	5.4
Arizona.....	3.8	4.7	6.3	-9	-2.6	1.2	2.0	1.5
Arkansas.....	7.7	8.2	8.1	-5	-4	2.0	2.2	2.2
California.....	153.5	167.2	160.4	-13.7	-6.9	3.1	3.3	3.3
Colorado.....	2.6	3.4	2.4	-8	1	6	6	.7
Connecticut.....	18.5	18.1	17.6	.4	.9	1.9	1.9	1.9
Delaware.....	1.9	2.0	1.5	-1	.4	1.2	1.0	1.3
District of Columbia.....	4.0	3.6	3.4	.3	.6	1.1	1.0	1.0
Florida.....	15.7	14.1	17.8	1.7	-2.0	1.2	1.4	1.1
Georgia.....	8.6	9.4	10.8	-7	-2.2	.8	1.1	.9
Hawaii.....	3.0	2.8	3.2	.2	-.2	1.4	1.6	1.3
Idaho.....	3.1	3.1	3.5	--	-.4	2.2	2.5	2.1
Illinois.....	32.7	35.8	40.0	-3.1	-7.3	1.0	1.3	1.1
Indiana.....	12.1	12.9	14.8	-8	-2.7	.9	1.1	.9
Iowa.....	6.2	7.7	5.2	-1.4	1.0	1.1	.9	1.4
Kansas.....	6.3	6.4	4.0	-1	2.3	1.5	1.0	1.5
Kentucky.....	9.8	11.8	10.6	-2.1	-.9	1.7	1.9	2.0
Louisiana.....	19.0	21.0	14.7	-2.0	4.3	2.6	2.1	2.9
Maine.....	5.8	7.1	5.1	-1.3	.7	2.6	2.3	3.3
Maryland.....	10.6	12.4	10.8	-1.7	-.1	1.2	1.2	1.4
Massachusetts.....	36.2	39.3	36.1	-3.1	--	2.1	2.2	2.3
Michigan.....	37.8	44.4	46.8	-6.6	-9.0	1.6	2.0	1.9
Minnesota.....	6.5	9.4	8.4	-2.9	-1.9	.7	.9	1.0
Mississippi.....	5.3	6.1	5.5	-.8	-.1	1.5	1.5	1.7
Missouri.....	25.8	21.6	19.5	4.2	6.3	2.2	1.7	1.9
Montana.....	1.9	2.3	2.4	-.4	-.5	1.6	2.0	1.9
Nebraska.....	1.9	2.1	2.3	-.2	-.4	.7	.8	.7
Nevada.....	3.0	3.8	3.9	-.8	-.9	2.2	3.0	2.8
New Hampshire.....	1.3	1.9	1.0	-.5	-.4	.7	.5	1.0
New Jersey.....	48.2	52.0	50.6	-3.8	-2.4	2.6	2.8	2.8
New Mexico.....	3.3	4.3	3.7	-.9	-.4	1.9	2.1	2.5
New York.....	111.1	116.2	114.8	-5.1	-3.7	2.0	2.1	2.1
North Carolina.....	16.5	17.7	18.6	-1.2	-2.1	1.3	1.5	1.4
North Dakota.....	.9	1.4	1.0	-.6	-.1	1.1	1.2	1.8
Ohio.....	20.5	21.9	22.7	-1.4	-2.2	.7	.8	.8
Oklahoma.....	8.2	8.7	8.9	-.6	-.7	1.8	2.0	1.9
Oregon.....	10.1	12.7	11.6	-2.6	-1.5	2.0	2.3	2.5
Pennsylvania.....	46.8	50.5	51.9	-3.7	-5.1	1.4	1.6	1.5
Puerto Rico <sup>3</sup> .....	21.2	22.2	20.1	-1.0	1.1	5.9	6.1	6.2
Rhode Island.....	6.5	6.5	7.3	.1	-.7	2.4	2.7	2.3
South Carolina.....	7.8	8.2	8.2	-.4	-.4	1.3	1.5	1.4
South Dakota.....	.7	.8	.8	-.1	-.1	1.8	1.0	.9
Tennessee.....	16.3	21.6	14.9	-5.3	1.4	1.8	1.7	2.4
Texas.....	17.6	19.0	16.1	-1.4	1.5	.7	.7	.8
Utah.....	4.4	4.7	4.2	-.3	.2	2.1	2.0	2.2
Vermont.....	1.5	1.9	1.6	-.4	-.2	1.5	1.7	2.0
Virginia.....	5.7	6.1	5.1	-.3	.7	.6	.6	.6
Washington.....	18.0	21.0	15.8	-3.0	2.2	2.2	2.1	2.6
West Virginia.....	7.8	8.0	8.4	-.2	-.6	2.2	2.4	2.3
Wisconsin.....	12.5	13.1	13.1	-.6	-.6	1.1	1.2	1.2
Wyoming.....	.5	.7	.5	-.2	--	.8	.8	1.1

<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>Excludes insured unemployment under extended duration provisions of regular State laws.

# UNEMPLOYMENT INSURANCE DATA

## E-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	June 1969	May 1969	State and area	June 1969	May 1969	State and area	June 1969	May 1969	State and area	June 1969	May 1969
<b>ALABAMA</b>			<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>Pennsylvania--</b>		
Birmingham.....	2.5	2.3	Evansville.....	9	1.0	Manchester.....	4	.6	continued		
Mobile.....	1.4	1.4	Fr. Wayne.....	3	2				York.....	1.2	1.4
			Gary-Hammond..	1.2	1.2	<b>NEW JERSEY</b>			<b>PUERTO RICO*</b>		
<b>ARIZONA</b>			Indianapolis.....	1.8	1.8	Atlantic City....	1.3	1.5	Mayaguez.....	1.2	1.5
Phoenix.....	2.3	2.6	South Bend.....	1.2	1.1	Jersey City.....	7.6	9.0	Ponce.....	1.1	1.4
			Terre Haute.....	5	.6	Newark.....	13.1	13.8	San Juan.....	3.9	3.7
<b>ARKANSAS</b>			<b>IOWA</b>			New Brunswick..	4.8	4.6			
Little Rock.....	6	.7	Cedar Rapids....	2	3	Paterson.....	10.7	11.4			
			Des Moines.....	.7	.7	Trenton.....	1.6	1.5	<b>RHODE ISLAND</b>		
<b>CALIFORNIA</b>			<b>KANSAS</b>			<b>NEW MEXICO</b>			Providence.....	7.0	7.0
Anaheim-S. Ana-			Wichita.....	1.9	2.1	Albuquerque....	1.2	1.6			
Garden Grove..	7.5	7.9	<b>KENTUCKY</b>			<b>NEW YORK</b>			<b>SOUTH CAROLINA</b>		
Fresno.....	3.7	5.5	Louisville.....	2.4	2.6	Albany.....	2.4	2.5	Charleston.....	.8	.7
Los Angeles....	67.1	64.0	<b>LOUISIANA</b>			Binghamton....	1.6	1.1	Greenville.....	9	9
Sacramento.....	6.8	7.7	Baton Rouge....	1.5	1.7	Buffalo.....	8.3	7.9			
San Bernardino..	7.4	7.9	New Orleans....	6.4	5.4	New York.....	82.7	84.8	<b>TENNESSEE</b>		
San Diego.....	6.9	7.5	Shreveport.....	.7	.8	Rochester.....	3.8	4.1	Chattanooga....	.7	1.0
San Francisco..	24.6	27.2	<b>MAINE</b>			Syracuse.....	2.3	2.5	Knoxville.....	2.0	2.4
San Jose.....	8.4	9.6	Portland.....	5	5	Utica.....	1.8	1.9	Memphis.....	2.5	2.4
Stockton.....	3.2	4.4	<b>MARYLAND</b>			<b>NORTH CAROLINA</b>			Nashville.....	1.4	1.8
<b>COLORADO</b>			Baltimore.....	6.9	7.8	Asheville.....	5	5	<b>TEXAS</b>		
Denver.....	1.4	1.7	<b>MASSACHUSETTS</b>			Charlotte.....	1.0	.7	Austin.....	2	2
			Boston.....	16.8	17.5	Durham.....	5	5	Beaumont.....	1.0	1.2
<b>CONNECTICUT</b>			Brockton.....	1.0	1.1	Greensboro-			Corpus Christi..	5	5
Bridgeport.....	3.1	2.9	Fall River.....	1.5	1.6	Winston-Salem..	1.8	1.7	Dallas.....	1.1	1.0
Hartford.....	3.6	3.7	Lawrence.....	2.6	2.6	<b>OHIO</b>			El Paso.....	9	9
New Britain....	1.2	1.3	Lowell.....	1.6	1.5	Akron.....	1.5	1.6	Ft. Worth.....	1.0	9
New Haven.....	2.6	2.3	New Bedford....	1.9	1.9	Canron.....	.8	.8	Houston.....	2.5	2.6
Sramford.....	.7	.7	Springfield....	4.0	4.4	Cincinnati.....	2.4	2.4	San Antonio....	1.6	1.5
Waterbury.....	2.0	2.1	Worcester.....	2.0	2.2	Cleveland.....	3.4	3.5			
<b>DELAWARE</b>			<b>MICHIGAN</b>			Columbus.....	1.3	1.5	<b>UTAH</b>		
Wilmington.....	1.8	**2.1	Battle Creek....	.8	1.1	Dayton.....	1.2	1.1	Salt Lake City..	2.6	2.7
			Detroit.....	17.6	17.6	Hamilton.....	.6	.7			
<b>DIST. OF COL.</b>			Flint.....	1.4	2.2	Lorain.....	.5	.5	<b>VIRGINIA</b>		
Washington.....	5.6	5.3	Grand Rapids...	3.4	3.8	Staubenville...	.4	.5	Hampton.....	.5	.6
			Kalamazoo.....	.7	1.0	Toledo.....	1.7	1.9	Norfolk.....	.7	9
<b>FLORIDA</b>			Lansing.....	.6	.8	Youngstown....	1.0	.8	Richmond.....	.5	.4
Jacksonville....	.8	.9	Muskegon.....	1.0	1.3	<b>OKLAHOMA</b>			Roanoke.....	1	1
Miami.....	4.8	4.4	Saginaw.....	.7	.8	Oklahoma City..	1.3	1.5			
Tampa.....	2.0	2.1	<b>MINNESOTA</b>			Tulsa.....	1.5	1.4	<b>WASHINGTON</b>		
			Duluth.....	.8	1.0	<b>OREGON</b>			Seattle.....	7.5	8.3
<b>GEORGIA</b>			Minneapolis....	1.7	2.3	Portland.....	4.0	5.0	Spokane.....	1.5	1.5
Atlanta.....	2.0	2.0	<b>MISSISSIPPI</b>			<b>PENNSYLVANIA</b>			Tacoma.....	2.0	2.4
Augusta.....	.6	.6	Jackson.....	5	.4	Allentown.....	1.9	2.0	<b>WEST VIRGINIA</b>		
Columbus.....	.6	.7	<b>MISSOURI</b>			Altoona.....	.7	.7	Charleston.....	.9	1.2
Macon.....	.3	.3	Kansas City....	6.5	7.0	Erie.....	1.1	1.3	Huntington....	1.2	1.3
Savannah.....	.3	.3	St. Louis.....	13.5	11.2	Harrisburg.....	.9	1.0	Wheeling.....	1.1	1.1
<b>HAWAII</b>			<b>NEBRASKA</b>			Johnstown.....	1.5	1.8			
Honolulu.....	2.3	2.0	Omaha.....	.9	1.0	Lancaster.....	.6	.7	<b>WISCONSIN</b>		
			<b>ILLINOIS</b>			Philadelphia...	21.1	21.2	Kenosha.....	.5	.4
<b>ILLINOIS</b>			Chicago.....	17.3	18.5	Pittsburgh.....	8.0	8.7	Madison.....	3.9	4.4
Chicago.....	17.3	18.5	Davenport.....	1.6	1.5	Reading.....	1.2	1.2	Milwaukee.....	3.9	4.2
Davenport.....	1.6	1.5	Peoria.....	1.5	1.6	Scranton.....	2.1	2.5	Racine.....	1.2	.7
Peoria.....	1.5	1.6	Rockford.....	.7	.8	Wilkes-Barre...	3.2	2.9			

<sup>1</sup>Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs.

<sup>2</sup>For full name of labor area, see Area Trends in Employment and Unemployment published by the Office of Manpower Management Data Systems.

\*Excludes insured unemployed under extended duration provisions of regular State laws.

\*\*Revised.

# QUARTERLY AVERAGES

## HOUSEHOLD DATA

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

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

**Quarterly Averages**

(In thousands)

Employment status, age, and sex	1969		1968				1967				1966		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>Total</b>													
Total labor force .....	83,839	83,727	82,610	82,427	82,231	81,840	81,618	81,096	80,289	80,236	79,788	79,114	78,509
Civilian labor force.....	80,318	80,242	79,070	78,838	78,695	78,366	78,151	77,641	76,839	76,823	76,458	75,933	75,458
Employed .....	77,514	77,575	76,385	75,997	75,863	75,497	75,089	74,614	73,871	73,959	73,637	73,053	72,571
Agriculture .....	3,725	3,788	3,691	3,742	3,890	4,005	3,939	3,848	3,753	3,873	3,899	3,925	4,028
Nonagricultural industries .....	73,789	73,787	72,694	72,255	71,973	71,492	71,150	70,766	70,118	70,086	69,738	69,128	68,543
On part time for economic reasons .....	1,744	1,681	1,690	1,772	1,714	1,677	1,889	1,919	1,843	1,986	1,644	1,654	1,683
Usually work full time .....	917	885	877	964	906	833	1,021	1,034	1,056	1,126	883	876	872
Usually work part time .....	827	797	813	808	808	844	868	885	787	860	761	778	811
Unemployed .....	2,804	2,667	2,685	2,841	2,832	2,869	3,062	3,027	2,968	2,864	2,821	2,880	2,887
<b>Men, 20 years and over</b>													
Total labor force .....	49,286	49,301	48,990	48,996	48,771	48,574	48,428	48,282	48,061	47,985	47,670	47,429	47,364
Civilian labor force.....	46,191	46,236	45,915	45,895	45,810	45,782	45,657	45,479	45,169	45,127	44,860	44,742	44,771
Employed .....	45,257	45,358	44,989	44,897	44,809	44,745	44,588	44,420	44,069	44,101	43,788	43,631	43,669
Agriculture .....	2,696	2,706	2,724	2,781	2,854	2,911	2,867	2,814	2,781	2,829	2,837	2,862	2,924
Nonagricultural industries.....	42,561	42,652	42,265	42,116	41,955	41,834	41,721	41,606	41,288	41,272	40,951	40,769	40,745
Unemployed .....	933	878	926	998	1,001	1,037	1,069	1,059	1,100	1,026	1,072	1,111	1,102
<b>Women, 20 years and over</b>													
Civilian labor force .....	27,172	27,123	26,615	26,321	26,179	25,991	26,102	25,670	25,102	25,056	24,969	24,552	24,196
Employed .....	26,155	26,164	25,666	25,318	25,206	24,981	24,986	24,558	24,060	24,013	24,030	23,628	23,265
Agriculture .....	618	687	628	566	614	661	677	617	584	632	657	663	683
Nonagricultural industries .....	25,538	25,477	25,038	24,752	24,592	24,320	24,309	23,941	23,476	23,381	23,373	22,965	22,582
Unemployed .....	1,017	959	949	1,003	973	1,010	1,116	1,112	1,042	1,043	939	924	931
<b>Both sexes, 16-19 years</b>													
Civilian labor force.....	6,955	6,883	6,540	6,622	6,706	6,593	6,392	6,492	6,568	6,640	6,629	6,639	6,491
Employed .....	6,101	6,053	5,730	5,782	5,848	5,771	5,515	5,636	5,742	5,845	5,819	5,794	5,637
Agriculture .....	411	396	339	395	422	433	395	417	388	412	405	400	421
Nonagricultural industries.....	5,690	5,657	5,391	5,387	5,426	5,338	5,120	5,219	5,354	5,433	5,414	5,394	5,216
Unemployed .....	854	830	810	840	858	822	877	856	826	795	810	845	854

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables 1 through 7 will not necessarily add to totals.

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

**2: Employment status by color, sex, and age, seasonally adjusted**  
Quarterly Averages  
(In thousands)

Characteristics	1969		1968				1967				1966		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>WHITE</b>													
Total:													
Civilian labor force.....	71,388	71,421	70,388	70,016	69,813	69,668	69,432	68,915	68,170	68,301	67,936	67,307	66,983
Employed.....	69,185	69,285	68,371	67,753	67,578	67,403	67,034	66,526	65,850	66,052	65,734	65,087	64,709
Unemployed.....	2,202	2,137	2,117	2,263	2,235	2,265	2,398	2,389	2,320	2,249	2,202	2,220	2,274
Unemployment rate.....	3.1	3.0	3.0	3.2	3.2	3.3	3.5	3.5	3.4	3.3	3.2	3.3	3.4
Males, 20 years and over:													
Civilian labor force.....	41,612	41,705	41,428	41,365	41,222	41,250	41,178	40,963	40,645	40,630	40,376	40,243	40,322
Employed.....	40,844	40,982	40,678	40,540	40,392	40,403	40,300	40,087	39,745	39,802	39,525	39,360	39,433
Unemployed.....	768	723	750	825	830	847	878	876	900	828	851	883	889
Unemployment rate.....	1.8	1.7	1.8	2.0	2.0	2.1	2.1	2.1	2.2	2.0	2.1	2.2	2.2
Females, 20 years and over:													
Civilian labor force.....	23,624	23,601	23,138	22,830	22,701	22,593	22,640	22,265	21,749	21,735	21,635	21,217	20,903
Employed.....	22,837	22,833	22,394	22,043	21,951	21,807	21,781	21,394	20,942	20,930	20,922	20,526	20,185
Unemployed.....	787	768	744	787	750	786	859	871	807	805	713	691	718
Unemployment rate.....	3.3	3.3	3.2	3.4	3.3	3.5	3.8	3.9	3.7	3.7	3.3	3.3	3.4
Both sexes, 16 to 19 years:													
Civilian labor force.....	6,152	6,115	5,822	5,821	5,890	5,825	5,614	5,687	5,776	5,936	5,925	5,847	5,758
Employed.....	5,504	5,470	5,199	5,170	5,235	5,193	4,953	5,045	5,163	5,320	5,287	5,201	5,091
Unemployed.....	648	645	623	651	655	632	661	642	613	616	638	646	667
Unemployment rate.....	10.5	10.5	10.7	11.2	11.1	10.8	11.8	11.3	10.6	10.4	10.8	11.0	11.6
<b>NONWHITE</b>													
Total:													
Civilian labor force.....	8,854	8,947	8,724	8,706	8,818	8,782	8,727	8,634	8,624	8,614	8,538	8,534	8,440
Employed.....	8,251	8,418	8,147	8,133	8,219	8,181	8,062	8,005	7,974	8,001	7,916	7,889	7,821
Unemployed.....	603	529	577	573	599	601	665	629	650	613	622	645	619
Unemployment rate.....	6.8	5.9	6.6	6.6	6.8	6.8	7.6	7.3	7.5	7.1	7.3	7.6	7.3
Males, 20 years and over:													
Civilian labor force.....	4,545	4,563	4,507	4,520	4,561	4,548	4,492	4,509	4,503	4,504	4,492	4,483	4,426
Employed.....	4,375	4,408	4,329	4,350	4,385	4,359	4,301	4,329	4,300	4,305	4,268	4,263	4,209
Unemployed.....	169	155	178	170	176	189	191	180	203	199	224	220	217
Unemployment rate.....	3.7	3.4	3.9	3.8	3.9	4.2	4.3	4.0	4.5	4.4	5.0	4.9	4.9
Females, 20 years and over:													
Civilian labor force.....	3,525	3,568	3,467	3,416	3,456	3,442	3,444	3,349	3,338	3,371	3,322	3,299	3,295
Employed.....	3,300	3,375	3,262	3,200	3,238	3,215	3,190	3,107	3,108	3,132	3,097	3,064	3,085
Unemployed.....	225	193	205	216	218	227	254	242	230	239	225	235	210
Unemployment rate.....	6.4	5.4	5.9	6.3	6.3	6.6	7.4	7.2	6.9	7.1	6.8	7.1	6.4
Both sexes, 16 to 19 years:													
Civilian labor force.....	784	816	750	770	801	792	791	776	783	739	724	752	719
Employed.....	575	635	556	583	596	607	571	569	566	564	551	562	527
Unemployed.....	209	181	194	187	205	185	220	207	217	175	173	190	192
Unemployment rate.....	26.7	22.2	25.9	24.3	25.6	23.4	27.8	26.7	27.7	23.7	23.9	25.3	26.7

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

**3: Major unemployment indicators, seasonally adjusted**

Quarterly Averages  
(Unemployment rates)

Selected categories	1969		1968				1967				1966		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Total (all civilian workers).....	3.5	3.3	3.4	3.6	3.6	3.7	3.9	3.9	3.9	3.7	3.7	3.8	3.8
Men, 20 years and over.....	2.0	1.9	2.0	2.2	2.2	2.3	2.3	2.3	2.4	2.3	2.4	2.5	2.5
Women, 20 years and over.....	3.7	3.5	3.6	3.8	3.7	3.9	4.3	4.3	4.2	4.2	3.8	3.8	3.8
Both sexes, 16-19 years.....	12.3	12.1	12.4	12.7	12.8	12.5	13.7	13.2	12.6	12.0	12.2	12.7	13.2
White workers.....	3.1	3.0	3.0	3.2	3.2	3.3	3.5	3.5	3.4	3.3	3.2	3.3	3.4
Nonwhite workers.....	6.8	5.9	6.6	6.6	6.8	6.8	7.6	7.3	7.5	7.1	7.3	7.6	7.3
Married men.....	1.5	1.4	1.5	1.6	1.6	1.7	1.8	1.8	1.9	1.7	1.8	1.9	1.8
Full-time workers.....	3.1	2.9	2.9	3.2	3.2	3.3	3.0	3.3	3.3	3.3	3.5	3.5	3.5
Unemployed 15 weeks and over.....	.5	.4	.4	.5	.5	.6	.6	.6	.6	.6	.6	.6	.7
State insured <sup>1</sup> .....	--	--	--	--	--	--	--	--	--	--	--	--	--
Labor force time lost <sup>2</sup> .....	3.7	3.6	3.8	4.1	3.9	4.1	4.4	4.3	4.1	4.2	4.1	4.3	4.4
<b>OCCUPATION</b>													
White-collar workers.....	1.9	1.9	1.9	2.0	2.0	2.0	2.3	2.3	2.0	2.1	2.0	2.0	2.0
Professional and technical.....	1.3	1.0	1.2	1.3	1.2	1.1	1.3	1.3	1.4	1.3	1.3	1.4	1.2
Managers, officials, and proprietors.....	.9	1.0	1.0	1.1	.9	.9	1.0	.9	.9	.9	.9	1.0	1.1
Clerical workers.....	2.8	2.9	2.8	3.0	2.9	3.1	3.4	3.4	2.7	3.0	3.0	2.9	2.7
Sales workers.....	2.9	2.9	2.9	2.6	2.6	2.9	3.2	3.6	2.9	3.2	2.4	2.7	3.1
Blue-collar workers.....	3.8	3.7	3.8	4.2	4.0	4.4	4.5	4.5	4.6	4.2	4.1	4.3	4.2
Craftsmen and foremen.....	2.1	2.1	2.1	2.4	2.4	2.6	2.4	2.3	2.8	2.4	2.8	2.8	2.7
Operatives.....	4.3	4.1	4.3	4.5	4.3	4.8	5.1	5.1	5.0	4.8	4.2	4.5	4.4
Nonfarm laborers.....	6.4	6.4	6.7	7.6	6.9	7.6	7.8	7.8	7.9	7.1	7.5	7.7	7.5
Service workers.....	4.4	3.9	4.4	4.5	4.6	4.3	4.9	4.5	4.2	4.5	4.5	4.6	4.9
Farm workers.....	1.9	1.6	1.7	2.4	2.3	1.9	2.3	2.5	2.4	2.2	2.0	1.8	2.6
<b>INDUSTRY</b>													
Private wage and salary workers <sup>3</sup> .....	3.5	3.3	3.4	3.6	3.6	3.7	4.0	4.0	3.9	3.8	3.7	3.8	3.8
Construction.....	5.6	5.7	6.0	6.5	6.7	7.8	6.8	6.7	8.0	7.5	8.8	8.0	7.7
Manufacturing.....	3.2	3.1	3.1	3.3	3.2	3.4	3.8	3.9	3.8	3.4	3.0	3.2	3.3
Durable goods.....	3.1	2.6	3.0	3.0	2.9	3.1	3.5	3.6	3.6	2.9	2.6	2.8	2.8
Nondurable goods.....	3.4	3.7	3.4	3.7	3.8	3.9	4.1	4.2	4.1	4.1	3.6	3.8	3.9
Transportation and public utilities.....	2.3	2.0	2.0	2.4	1.7	1.9	2.4	2.3	2.5	2.2	1.8	2.1	2.5
Wholesale and retail trade.....	4.1	3.8	4.0	4.0	4.0	4.1	4.5	4.5	3.8	4.0	4.2	4.5	4.6
Finance and service industries.....	3.3	3.0	3.2	3.5	3.5	3.3	3.7	3.6	3.4	3.6	3.5	3.4	3.5
Government wage and salary workers.....	1.7	1.7	1.8	1.9	1.8	1.9	2.0	1.7	1.9	1.7	1.8	2.1	1.9
Agricultural wage and salary workers.....	5.4	5.2	5.3	7.9	6.6	5.4	6.6	7.9	6.9	6.0	6.2	6.2	6.8

<sup>1</sup>Insured unemployment under State programs as a percent of average covered employment.

<sup>2</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>3</sup>Includes mining, not shown separately.



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

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

Quarterly Averages  
(In thousands)

Duration of unemployment	1969		1968				1967				1966		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
Less than 5 weeks .....	1,697	1,519	1,494	1,639	1,641	1,597	1,621	1,668	1,673	1,579	1,541	1,606	1,614
5 to 14 weeks .....	726	776	834	807	790	810	983	915	882	821	783	811	747
15 weeks and over .....	395	339	350	414	414	458	462	445	440	449	474	466	537
15 to 26 weeks .....	263	222	217	256	260	283	288	263	277	261	267	256	282
27 weeks and over .....	132	117	133	158	154	175	174	182	163	188	207	210	255

**5: Rates of unemployment by age and sex, seasonally adjusted**

Quarterly Averages

Age and sex	1969		1968				1967				1966		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>Total, 16 years and over</b> .....	3.5	3.3	3.4	3.6	3.6	3.7	3.9	3.9	3.9	3.7	3.7	3.8	3.8
16 to 19 years .....	12.3	12.1	12.4	12.7	12.8	12.5	13.7	13.2	12.6	12.0	12.2	12.7	13.2
16 and 17 years .....	13.9	13.5	14.4	14.6	14.5	14.8	15.6	15.0	14.0	14.3	13.9	14.6	15.5
18 and 19 years .....	11.1	11.1	10.8	11.4	11.4	11.0	12.1	11.9	11.7	10.5	9.6	10.0	10.5
20 to 24 years .....	5.5	5.4	5.8	5.8	5.7	5.9	5.9	6.0	5.4	5.4	5.3	5.1	5.5
25 years and over .....	2.2	2.1	2.1	2.3	2.3	2.4	2.6	2.6	2.7	2.6	2.5	2.6	2.6
25 to 54 years .....	2.3	2.1	2.2	2.4	2.3	2.4	2.7	2.7	2.8	2.6	2.6	2.6	2.6
55 years and over .....	1.9	1.9	2.1	2.1	2.1	2.3	2.5	2.4	2.5	2.5	2.5	2.6	2.6
<b>Males, 16 years and over</b> .....	2.7	2.6	2.7	2.8	2.9	3.0	3.1	3.1	3.2	3.0	3.1	3.2	3.2
16 to 19 years .....	10.9	11.4	11.6	11.2	11.4	12.0	13.3	12.2	12.5	11.5	11.6	11.5	11.9
16 and 17 years .....	12.1	12.9	14.0	13.4	14.1	13.7	15.7	14.6	14.5	13.6	13.1	13.4	14.0
18 and 19 years .....	9.2	10.1	9.4	9.5	9.0	10.4	11.1	10.3	11.0	9.7	10.1	10.1	10.5
20 to 24 years .....	4.8	4.8	4.9	5.1	5.2	5.2	5.1	4.9	4.6	4.1	4.7	4.2	4.7
25 years and over .....	1.6	1.5	1.7	1.8	1.8	1.9	2.0	2.0	2.1	2.0	2.1	2.3	2.2
25 to 54 years .....	1.6	1.5	1.6	1.7	1.7	1.8	1.9	1.9	2.0	1.9	2.0	2.1	2.0
55 years and over .....	1.7	1.8	1.9	2.1	2.1	2.3	2.6	2.2	2.6	2.4	2.4	2.8	2.7
<b>Females, 16 years and over</b> .....	4.8	4.5	4.5	4.9	4.8	4.8	5.2	5.3	5.0	5.0	4.7	4.9	5.0
16 to 19 years .....	14.0	12.9	13.5	14.5	14.5	13.1	14.2	14.4	12.7	12.6	13.0	14.2	14.8
16 and 17 years .....	15.0	14.5	15.1	16.3	15.1	16.4	15.4	15.7	13.4	15.4	15.1	16.5	18.0
18 and 19 years .....	13.2	12.3	12.4	13.5	14.0	11.7	13.3	13.6	12.4	11.5	9.0	9.9	10.5
20 to 24 years .....	6.3	6.0	6.8	6.7	6.4	6.8	7.0	7.5	6.4	7.0	6.1	6.3	6.5
25 years and over .....	3.2	3.1	3.0	3.2	3.1	3.4	3.8	3.7	3.7	3.7	3.4	3.3	3.3
25 to 54 years .....	3.5	3.3	3.2	3.5	3.4	3.6	4.2	4.0	4.1	3.9	3.6	3.6	3.7
55 years and over .....	2.2	2.1	2.4	2.2	2.1	2.5	2.3	2.6	2.3	2.7	2.8	2.3	2.2

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

**6: Employed persons by age and sex, seasonally adjusted**

Quarterly Averages

(In thousands)

Age and sex	1969		1968				1967				1966		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>TOTAL</b>													
16 years and over .....	77,514	77,575	76,385	75,997	75,863	75,497	75,089	74,614	73,871	73,959	73,637	73,053	72,571
16 to 19 years .....	6,101	6,053	5,730	5,782	5,848	5,771	5,515	5,636	5,742	5,845	5,819	5,794	5,637
16 and 17 years .....	2,571	2,585	2,378	2,390	2,437	2,410	2,323	2,316	2,303	2,407	2,339	2,283	2,208
18 and 19 years .....	3,518	3,517	3,373	3,361	3,396	3,383	3,200	3,303	3,425	3,469	3,494	3,496	3,414
20 to 24 years .....	9,266	9,138	8,899	8,820	8,673	8,662	8,676	8,572	8,454	8,291	8,091	7,924	7,974
25 years and over .....	62,133	62,395	61,779	61,384	61,329	61,068	60,922	60,390	59,682	59,816	59,743	59,349	58,963
25 to 54 years .....	48,070	48,386	47,819	47,511	47,504	47,442	47,152	46,725	46,224	46,476	46,302	45,965	45,784
55 years and over .....	14,026	14,082	13,931	13,827	13,795	13,684	13,733	13,624	13,425	13,402	13,398	13,342	13,177
<b>MALE</b>													
16 years and over .....	48,676	48,827	48,281	48,162	48,078	47,924	47,681	47,597	47,254	47,384	47,035	46,914	46,900
16 to 19 years .....	3,419	3,468	3,292	3,265	3,269	3,179	3,093	3,177	3,185	3,283	3,247	3,283	3,231
16 and 17 years .....	1,509	1,566	1,449	1,444	1,457	1,466	1,428	1,416	1,370	1,464	1,421	1,385	1,369
18 and 19 years .....	1,897	1,935	1,863	1,805	1,800	1,735	1,677	1,750	1,804	1,843	1,841	1,882	1,850
20 to 24 years .....	5,014	4,876	4,847	4,816	4,773	4,812	4,837	4,860	4,795	4,738	4,620	4,577	4,602
25 years and over .....	40,235	40,490	40,142	40,084	40,028	39,940	39,753	39,556	39,287	39,357	39,171	39,064	39,073
25 to 54 years .....	31,203	31,427	31,136	31,050	31,021	31,038	30,839	30,668	30,478	30,626	30,404	30,326	30,391
55 years and over .....	9,008	9,100	9,007	9,021	8,988	8,926	8,913	8,874	8,785	8,753	8,750	8,723	8,672
<b>FEMALE</b>													
16 years and over .....	28,838	28,748	28,104	27,835	27,785	27,573	27,408	27,017	26,617	26,575	26,602	26,139	25,671
16 to 19 years .....	2,682	2,585	2,438	2,517	2,579	2,592	2,422	2,459	2,557	2,562	2,572	2,511	2,406
16 and 17 years .....	1,062	1,019	929	946	980	944	895	900	933	943	918	898	839
18 and 19 years .....	1,621	1,582	1,510	1,556	1,596	1,648	1,523	1,553	1,621	1,626	1,653	1,614	1,564
20 to 24 years .....	4,251	4,263	4,052	4,004	3,900	3,850	3,839	3,712	3,659	3,553	3,471	3,347	3,372
25 years and over .....	21,899	21,905	21,637	21,300	21,301	21,128	21,169	20,834	20,395	20,459	20,572	20,285	19,890
25 to 54 years .....	16,867	16,959	16,683	16,461	16,483	16,404	16,313	16,057	15,746	15,850	15,898	15,639	15,393
55 years and over .....	5,018	4,982	4,929	4,806	4,807	4,758	4,820	4,750	4,640	4,649	4,648	4,619	4,505

**7: Employed persons by major occupation group, seasonally adjusted**

Quarterly Averages

(In thousands)

Occupation group	1969		1968				1967				1966		
	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd	1st	4th	3rd	2nd
<b>White-collar workers</b> .....	36,700	36,217	35,906	35,756	35,445	35,109	34,882	34,481	33,955	33,616	33,686	33,420	32,800
Professional and technical .....	10,775	10,628	10,452	10,393	10,326	10,142	10,057	9,953	9,784	9,731	9,596	9,446	9,228
Managers, officials, and proprietors .....	7,985	7,828	7,900	7,838	7,661	7,706	7,639	7,640	7,445	7,254	7,429	7,508	7,387
Clerical workers .....	13,277	13,158	12,889	12,828	12,808	12,685	12,619	12,351	12,245	12,115	12,158	11,962	11,638
Sales workers .....	4,662	4,603	4,665	4,697	4,650	4,576	4,567	4,537	4,481	4,516	4,503	4,504	4,547
<b>Blue-collar workers</b> .....	27,875	28,255	27,756	27,509	27,466	27,342	27,273	27,356	27,140	27,276	26,962	26,946	26,962
Craftsmen and foremen .....	10,020	10,334	10,158	9,953	9,979	9,964	9,840	9,774	9,831	9,942	9,709	9,671	9,555
Operatives .....	14,170	14,293	14,032	13,943	13,928	13,915	13,904	14,022	13,773	13,836	13,826	13,728	13,898
Nonfarm laborers .....	3,685	3,629	3,566	3,613	3,559	3,463	3,529	3,560	3,536	3,498	3,427	3,547	3,509
<b>Service workers</b> .....	9,466	9,575	9,427	9,366	9,392	9,343	9,334	9,263	9,275	9,426	9,408	9,223	9,052
<b>Farmers and farm laborers</b> .....	3,447	3,479	3,307	3,401	3,536	3,683	3,620	3,556	3,472	3,610	3,585	3,592	3,744

# ANNUAL REVISIONS

## ESTABLISHMENT DATA

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# ESTABLISHMENT DATA

## A: Employees on nonagricultural payrolls, by industry 1967 to date

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<b>TOTAL</b>													
1967	64,354	64,290	64,662	65,070	65,470	66,379	65,938	66,190	66,482	66,621	67,147	67,685	65,857
1968	65,765	66,115	66,475	67,170	67,465	68,470	68,036	68,205	68,610	68,959	69,247	69,805	67,860
1969	68,196	68,403	68,894										
<b>PRIVATE SECTOR</b>													
1967	53,129	52,964	53,263	53,646	54,030	54,883	54,889	55,205	55,137	55,046	55,455	55,862	54,459
1968	54,055	54,303	54,612	55,288	55,573	56,513	56,539	56,802	56,849	56,923	57,139	57,579	56,015
1969	56,056	56,159	56,615										
<b>MINING</b>													
1967	613	608	610	617	620	634	636	621	608	600	598	595	613
1968	582	582	584	612	616	631	635	636	629	574	621	619	610
1969	611	610	610										
<b>CONTRACT CONSTRUCTION</b>													
1967	2,910	2,824	2,875	3,055	3,172	3,345	3,482	3,526	3,449	3,400	3,317	3,146	3,208
1968	2,786	2,909	2,981	3,167	3,263	3,394	3,503	3,557	3,519	3,503	3,379	3,247	3,267
1969	3,024	2,999	3,077										
<b>MANUFACTURING</b>													
1967	19,409	19,382	19,355	19,276	19,236	19,488	19,264	19,549	19,572	19,511	19,685	19,635	19,447
1968	19,423	19,458	19,490	19,543	19,604	19,926	19,754	19,910	20,045	20,019	20,036	20,008	19,768
1969	19,803	19,891	19,978										
<b>DURABLE GOODS</b>													
1967	11,491	11,476	11,454	11,398	11,389	11,492	11,324	11,382	11,377	11,353	11,571	11,564	11,439
1968	11,500	11,478	11,498	11,558	11,581	11,725	11,628	11,540	11,695	11,704	11,776	11,793	11,624
1969	11,760	11,785	11,841										
<b>ORDNANCE AND ACCESSORIES</b>													
1967	296.1	303.2	307.3	308.7	308.6	313.8	317.2	319.7	328.2	331.6	335.6	336.6	317.2
1968	336.9	335.7	334.9	335.8	335.8	341.4	345.6	348.0	347.8	334.2	349.5	352.0	341.5
1969	350.3	346.6	345.5										
<b>LUMBER AND WOOD PRODUCTS</b>													
1967	581.5	582.2	583.5	586.9	591.9	618.2	613.5	614.3	605.7	600.9	595.7	587.6	596.8
1968	573.9	580.4	584.7	586.3	591.5	612.9	615.1	618.7	608.7	605.0	598.5	598.0	597.8
1969	587.8	590.1	594.2										
<b>FURNITURE AND FIXTURES</b>													
1967	461.5	458.2	454.5	449.7	447.2	450.5	441.5	455.4	456.0	460.6	463.2	466.2	455.4
1968	463.1	463.1	464.0	464.3	465.4	474.7	467.5	480.7	482.1	485.3	490.3	490.1	474.2
1969	488.5	491.1	490.6										
<b>STONE, CLAY, AND GLASS PRODUCTS</b>													
1967	614.2	609.9	615.5	621.9	625.4	638.9	640.6	643.5	636.9	632.4	633.4	627.5	628.3
1968	613.6	582.1	573.5	635.7	640.6	655.8	658.6	664.1	658.8	655.7	654.9	650.1	637.0
1969	639.2	639.2	646.6										
<b>PRIMARY METAL INDUSTRIES</b>													
1967	1,363.2	1,355.0	1,348.9	1,332.7	1,330.0	1,341.4	1,317.9	1,310.9	1,289.7	1,275.2	1,296.7	1,303.2	1,322.1
1968	1,306.8	1,313.3	1,317.3	1,340.7	1,345.0	1,348.5	1,342.0	1,314.7	1,290.5	1,270.5	1,280.1	1,302.5	1,314.3
1969	1,311.9	1,326.0	1,333.3										
<b>FABRICATED METAL PRODUCTS</b>													
1967	1,370.0	1,364.1	1,355.8	1,353.2	1,353.6	1,376.9	1,348.6	1,364.4	1,352.4	1,354.5	1,378.6	1,385.2	1,363.1
1968	1,370.6	1,366.4	1,369.6	1,371.2	1,376.6	1,403.8	1,377.8	1,390.2	1,404.9	1,421.8	1,434.3	1,437.2	1,393.7
1969	1,432.5	1,435.4	1,441.1										
<b>MACHINERY, EXC. ELECTRICAL</b>													
1967	1,982.7	1,985.4	1,991.0	1,985.8	1,975.3	1,986.4	1,972.8	1,970.4	1,960.8	1,917.6	1,961.6	1,945.3	1,969.6
1968	1,964.7	1,965.7	1,975.8	1,962.4	1,956.6	1,971.0	1,951.1	1,949.5	1,950.2	1,947.8	1,966.1	1,965.3	1,960.5
1969	1,983.4	2,002.6	2,005.2										
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>													
1967	1,994.7	1,990.3	1,971.5	1,941.9	1,925.8	1,908.7	1,915.3	1,954.4	1,946.1	1,969.9	1,993.0	1,995.6	1,958.9
1968	1,982.5	1,977.5	1,966.9	1,958.0	1,958.9	1,975.1	1,960.3	1,980.8	1,991.9	1,999.4	2,011.3	2,019.6	1,981.9
1969	2,019.1	2,026.1	2,025.9										

**A: Employees on nonagricultural payrolls, by industry--Continued**  
**1967 to date**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<b>DURABLE GOODS--CONTINUED</b>													
<b>TRANSPORTATION EQUIPMENT</b>													
1967	1,969.0	1,966.5	1,962.2	1,949.0	1,959.7	1,974.4	1,887.4	1,856.9	1,904.0	1,907.9	2,009.8	2,035.3	1,948.5
1968	2,023.3	2,033.0	2,035.3	2,029.4	2,030.2	2,047.7	2,026.7	1,879.2	2,045.2	2,058.6	2,063.4	2,069.3	2,028.4
1969	2,061.3	2,037.8	2,057.8										
<b>INSTRUMENTS AND RELATED PRODUCTS</b>													
1967	445.2	446.3	446.6	446.8	445.9	451.4	450.7	454.7	453.0	453.4	457.0	458.8	450.8
1968	457.3	457.0	457.2	455.1	454.0	459.4	455.1	464.2	462.1	463.6	466.5	467.5	459.9
1969	465.0	467.1	469.3										
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>													
1967	413.2	415.3	417.0	421.7	425.7	430.9	418.3	437.7	444.1	448.8	445.9	422.4	428.4
1968	407.3	413.1	418.7	418.9	426.7	434.6	428.0	449.6	452.5	462.4	461.5	441.6	434.6
1969	421.1	422.7	431.0										
<b>NONDURABLE GOODS</b>													
1967	7,918	7,906	7,901	7,878	7,847	7,996	7,940	8,167	8,195	8,158	8,114	8,071	8,008
1968	7,923	7,971	7,992	7,985	8,023	8,201	8,126	8,370	8,350	8,315	8,260	8,215	8,144
1969	8,043	8,106	8,137										
<b>FOOD AND KINDRED PRODUCTS</b>													
1967	1,719.7	1,701.9	1,707.1	1,707.7	1,726.5	1,789.3	1,829.4	1,880.3	1,919.9	1,871.9	1,810.6	1,770.9	1,786.3
1968	1,706.1	1,685.0	1,689.8	1,700.0	1,711.2	1,787.3	1,817.6	1,914.4	1,910.2	1,866.0	1,805.7	1,776.7	1,780.8
1969	1,720.3	1,710.9	1,706.7										
<b>TOBACCO MANUFACTURES</b>													
1967	89.9	82.4	77.7	75.6	75.0	76.1	77.2	90.8	96.7	100.5	98.2	97.3	86.5
1968	82.7	82.0	78.4	70.6	74.2	75.2	75.6	93.5	99.0	96.8	89.1	88.0	83.8
1969	83.1	79.3	75.6										
<b>TEXTILE MILL PRODUCTS</b>													
1967	955.8	950.2	953.0	949.3	947.0	963.5	940.4	962.9	965.6	969.8	971.8	972.1	958.5
1968	963.3	978.9	980.9	982.5	986.5	1,005.2	985.6	1,003.9	1,000.2	999.2	1,003.2	997.7	990.6
1969	987.5	990.8	992.1										
<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>													
1967	1,399.7	1,416.0	1,405.0	1,384.6	1,390.6	1,403.4	1,345.7	1,411.7	1,403.8	1,406.8	1,408.4	1,393.8	1,397.5
1968	1,366.1	1,402.6	1,408.9	1,393.1	1,402.8	1,428.9	1,364.9	1,425.7	1,429.7	1,434.5	1,426.2	1,411.0	1,407.9
1969	1,397.1	1,414.7	1,426.5										
<b>PAPER AND ALLIED PRODUCTS</b>													
1967	671.7	671.3	673.4	671.6	670.1	688.6	684.3	688.8	683.2	679.1	681.6	684.9	679.1
1968	678.1	677.7	677.8	680.5	683.2	698.8	694.4	703.7	700.2	700.4	706.5	708.5	692.5
1969	703.5	706.2	707.3										
<b>PRINTING AND PUBLISHING</b>													
1967	1,033.9	1,038.2	1,044.3	1,044.5	1,043.9	1,051.8	1,049.1	1,051.1	1,050.0	1,052.1	1,055.1	1,060.1	1,047.8
1968	1,047.8	1,051.4	1,056.7	1,057.5	1,057.2	1,064.6	1,063.7	1,068.5	1,064.1	1,070.7	1,075.6	1,079.9	1,063.1
1969	1,070.1	1,073.6	1,077.0										
<b>CHEMICALS AND ALLIED PRODUCTS</b>													
1967	983.0	987.0	991.1	1,000.1	996.2	1,005.3	1,009.8	1,014.3	1,006.6	1,006.1	1,006.6	1,011.2	1,001.4
1968	1,008.2	1,012.6	1,018.4	1,019.1	1,018.8	1,029.8	1,035.5	1,040.3	1,032.0	1,029.8	1,033.2	1,035.1	1,026.1
1969	1,030.9	1,036.9	1,043.2										
<b>PETROLEUM AND COAL PRODUCTS</b>													
1967	177.8	177.9	177.2	179.9	181.3	186.1	187.9	188.5	187.4	186.3	184.7	182.8	183.2
1968	181.1	182.2	183.0	183.9	185.9	190.8	192.7	192.3	189.6	188.2	187.8	186.1	187.0
1969	124.8	166.3	183.9										
<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>													
1967	528.5	523.3	520.3	518.7	471.4	480.7	474.5	525.7	534.0	535.9	542.1	542.2	516.4
1968	537.9	543.6	544.0	546.3	549.2	559.0	549.5	564.9	568.1	572.8	573.3	576.2	557.1
1969	572.3	574.9	575.8										

**ESTABLISHMENT DATA**

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

1967 to date

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
<b>NONDURABLE GOODS--CONTINUED</b>													
<b>LEATHER AND LEATHER PRODUCTS</b>													
1967	357.6	357.8	351.6	345.9	345.3	351.0	341.5	353.0	348.2	349.6	354.5	355.3	350.9
1968	351.8	355.4	354.4	351.2	353.6	361.2	346.9	362.3	356.9	356.7	359.2	356.0	355.5
1969	352.9	352.2	348.5										
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>													
1967	4,183	4,177	4,200	4,182	4,259	4,312	4,329	4,319	4,311	4,277	4,298	4,288	4,261
1968	4,216	4,228	4,247	4,264	4,237	4,343	4,358	4,375	4,381	4,363	4,373	4,370	4,313
1969	4,288	4,303	4,346										
<b>WHOLESALE AND RETAIL TRADE</b>													
1967	13,254	13,116	13,236	13,355	13,461	13,628	13,604	13,603	13,675	13,730	13,993	14,614	13,606
1968	13,574	13,534	13,622	13,879	13,928	14,106	14,084	14,114	14,184	14,302	14,536	15,113	14,081
1969	14,189	14,097	14,201										
<b>WHOLESALE TRADE</b>													
1967	3,473	3,456	3,463	3,474	3,475	3,536	3,562	3,583	3,555	3,560	3,579	3,580	3,525
1968	3,520	3,523	3,528	3,541	3,555	3,636	3,667	3,677	3,664	3,686	3,702	3,715	3,618
1969	3,671	3,666	3,678										
<b>RETAIL TRADE</b>													
1967	9,781	9,660	9,773	9,881	9,986	10,092	10,042	10,020	10,120	10,170	10,414	11,034	10,081
1968	10,054	10,011	10,094	10,338	10,373	10,470	10,417	10,437	10,520	10,616	10,834	11,398	10,464
1969	10,518	10,431	10,523										
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>													
1967	3,108	3,127	3,150	3,174	3,196	3,248	3,286	3,304	3,274	3,268	2,275	3,287	3,225
1968	3,274	3,294	3,313	3,335	3,352	3,390	3,433	3,457	3,424	3,430	3,439	3,449	3,383
1969	3,448	3,467	3,490										
<b>SERVICES</b>													
1967	9,652	9,730	9,837	9,987	10,086	10,228	10,288	10,283	10,248	10,260	10,289	10,297	10,099
1968	10,200	10,298	10,375	10,488	10,573	10,723	10,772	10,753	10,667	10,732	10,755	10,773	10,592
1969	10,693	10,792	10,913										
<b>GOVERNMENT</b>													
1967	11,225	11,326	11,399	11,424	11,440	11,496	11,049	10,985	11,345	11,575	11,692	11,823	11,398
1968	11,710	11,812	11,863	11,882	11,892	11,957	11,497	11,403	11,761	12,036	12,108	12,226	11,846
1969	12,140	12,244	12,279										
<b>FEDERAL GOVERNMENT</b>													
1967	2,643	2,652	2,669	2,683	2,690	2,766	2,798	2,784	2,707	2,707	2,709	2,819	2,719
1968	2,697	2,697	2,699	2,712	2,710	2,815	2,843	2,795	2,705	2,694	2,703	2,769	2,737
1969	2,735	2,739	2,737										
<b>STATE AND LOCAL GOVERNMENT</b>													
1967	8,582	8,674	8,730	8,741	8,750	8,730	8,251	8,201	8,638	8,868	8,983	9,004	8,679
1968	9,013	9,115	9,164	9,170	9,182	9,141	8,654	8,608	9,056	9,343	9,406	9,457	9,109
1969	9,405	9,505	9,542										

**B: Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls**

1967 to date

(in thousands)

<b>TOTAL PRIVATE</b>													
1967	44,041	43,838	44,101	44,442	44,802	45,561	45,502	45,805	45,751	45,674	46,067	46,444	45,169
1968	44,650	44,880	45,174	45,810	46,051	46,908	46,869	47,102	47,177	47,247	47,464	47,874	46,434
1969	46,359	46,426	46,824										
<b>MANUFACTURING</b>													
1967	14,367	14,319	14,273	14,178	14,135	14,328	14,074	14,346	14,387	14,342	14,505	14,441	14,308
1968	14,230	14,256	14,280	14,330	14,375	14,642	14,434	14,581	14,758	14,731	14,741	14,701	14,505
1969	14,509	14,584	14,644										
<b>DURABLE GOODS</b>													
1967	8,478	8,447	8,414	8,346	8,338	8,410	8,221	8,276	8,273	8,256	8,462	8,445	8,364
1968	8,372	8,355	8,363	8,421	8,433	8,547	8,424	8,333	8,518	8,521	8,586	8,595	8,456
1969	8,555	8,585	8,623										
<b>NONDURABLE GOODS</b>													
1967	5,889	5,872	5,859	5,832	5,797	5,918	5,853	6,070	6,114	6,086	6,043	5,996	5,944
1968	5,858	5,901	5,917	5,909	5,942	6,095	6,010	6,248	6,240	6,210	6,155	6,106	6,049
1969	5,954	5,999	6,021										

<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.

## ESTABLISHMENT DATA

C: Hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
1967 to date

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
TOTAL PRIVATE													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1967	99.82	99.15	99.41	99.26	100.55	101.73	103.03	103.30	103.90	103.36	103.74	103.74	101.84
1968	103.22	104.53	104.90	104.72	106.69	108.20	108.87	109.16	110.49	110.29	109.50	110.38	107.73
1969	110.25	110.11	111.67										
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1967	2.62	2.63	2.63	2.64	2.66	2.67	2.69	2.69	2.72	2.72	2.73	2.73	2.68
1968	2.76	2.78	2.79	2.80	2.83	2.84	2.85	2.85	2.90	2.91	2.92	2.92	2.85
1969	2.94	2.96	2.97										
AVERAGE WEEKLY HOURS													
1967	38.1	37.7	37.8	37.6	37.8	38.1	38.3	38.4	38.2	38.0	38.0	38.0	38.0
1968	37.4	37.6	37.6	37.4	37.7	38.1	38.2	38.3	38.1	37.9	37.5	37.8	37.8
1969	37.5	37.2	37.6										
MANUFACTURING													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1967	113.42	111.88	112.44	112.56	113.52	114.49	113.65	114.77	116.85	116.28	117.50	119.60	114.90
1968	117.60	119.36	120.18	118.21	122.29	123.30	122.10	121.69	125.25	125.77	125.97	127.82	122.51
1969	126.05	124.80	127.39										
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1967	2.78	2.79	2.79	2.80	2.81	2.82	2.82	2.82	2.85	2.85	2.88	2.91	2.83
1968	2.94	2.94	2.96	2.97	2.99	3.00	3.00	2.99	3.04	3.06	3.08	3.11	3.01
1969	3.12	3.12	3.13										
AVERAGE WEEKLY HOURS													
1967	40.8	40.1	40.3	40.2	40.4	40.6	40.3	40.7	41.0	40.8	40.8	41.1	40.6
1968	40.0	40.6	40.6	39.8	40.9	41.1	40.7	40.7	41.2	41.1	40.9	41.1	40.7
1969	40.4	40.0	40.7										
AVERAGE WEEKLY OVERTIME HOURS													
1967	3.4	3.2	3.2	3.1	3.2	3.3	3.2	3.4	3.7	3.5	3.4	3.6	3.4
1968	3.3	3.3	3.3	2.9	3.6	3.7	3.5	3.6	4.0	3.9	3.9	3.9	3.6
1969	3.6	3.3	3.5										
DURABLE GOODS													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1967	122.84	120.47	121.36	121.18	122.89	123.19	122.40	123.30	125.75	125.44	125.66	129.16	123.60
1968	127.70	128.54	129.68	127.26	132.29	132.92	131.02	130.29	135.01	135.43	136.36	137.61	132.07
1969	136.04	135.05	137.45										
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1967	2.96	2.96	2.96	2.97	2.99	2.99	3.00	3.00	3.03	3.03	3.05	3.09	3.00
1968	3.13	3.12	3.14	3.15	3.18	3.18	3.16	3.17	3.23	3.24	3.27	3.30	3.19
1969	3.31	3.31	3.32										
AVERAGE WEEKLY HOURS													
1967	41.5	40.7	41.0	40.8	41.1	41.2	40.8	41.1	41.5	41.4	41.2	41.8	41.2
1968	40.8	41.2	41.3	40.4	41.6	41.8	41.2	41.1	41.8	41.8	41.7	41.7	41.4
1969	41.1	40.8	41.4										
AVERAGE WEEKLY OVERTIME HOURS													
1967	3.7	3.4	3.4	3.2	3.3	3.4	3.3	3.5	3.9	3.7	3.5	3.8	3.5
1968	3.5	3.4	3.5	3.0	3.8	3.9	3.6	3.6	4.2	4.2	4.2	4.1	3.8
1969	3.7	3.6	3.7										
NONDURABLE GOODS													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1967	99.65	99.18	100.08	100.22	100.73	101.63	102.03	102.80	104.92	104.14	105.06	105.86	102.03
1968	103.86	106.40	106.79	104.76	108.26	109.47	110.00	110.55	112.03	111.88	111.72	113.08	109.05
1969	111.50	110.48	113.15										
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1967	2.51	2.53	2.54	2.55	2.55	2.56	2.57	2.57	2.61	2.61	2.62	2.64	2.57
1968	2.67	2.68	2.69	2.70	2.72	2.73	2.75	2.75	2.78	2.79	2.80	2.82	2.74
1969	2.83	2.84	2.85										
AVERAGE WEEKLY HOURS													
1967	39.7	39.2	39.4	39.3	39.5	39.7	39.7	40.0	40.2	39.9	40.1	40.1	39.7
1968	38.9	39.7	39.7	38.8	39.8	40.1	40.0	40.2	40.3	40.1	39.9	40.1	39.8
1969	39.4	38.9	39.7										
AVERAGE WEEKLY OVERTIME HOURS													
1967	3.0	2.9	2.9	2.9	3.0	3.1	3.1	3.3	3.6	3.4	3.3	3.3	3.1
1968	3.0	3.1	3.1	2.7	3.2	3.4	3.4	3.5	3.8	3.5	3.5	3.5	3.3
1969	3.3	3.0	3.2										

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

# ESTABLISHMENT DATA SEASONALLY ADJUSTED

## D: Employees on nonagricultural payrolls, by industry, seasonally adjusted 1967 to date

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>TOTAL</b>												
1967	65,342	65,379	65,459	65,469	65,563	65,747	65,799	66,016	66,003	66,083	66,600	66,734
1968	66,720	67,165	67,286	67,466	67,550	67,816	67,945	68,088	68,195	68,427	68,664	68,875
1969	69,199	69,487	69,710									
<b>MINING</b>												
1967	628	626	626	622	619	618	621	606	601	598	597	598
1968	596	599	600	617	614	615	619	620	622	573	622	623
1969	626	628	626									
<b>CONTRACT CONSTRUCTION</b>												
1967	3,237	3,213	3,205	3,192	3,175	3,192	3,203	3,200	3,199	3,208	3,242	3,243
1968	3,075	3,265	3,269	3,272	3,266	3,267	3,268	3,272	3,286	3,305	3,313	3,330
1969	3,338	3,366	3,374									
<b>MANUFACTURING</b>												
1967	19,616	19,562	19,504	19,431	19,362	19,364	19,307	19,437	19,335	19,329	19,546	19,582
1968	19,617	19,627	19,631	19,702	19,737	19,790	19,804	19,800	19,820	19,840	19,897	19,958
1969	19,999	20,061	20,122									
<b>DURABLE GOODS</b>												
1967	11,560	11,541	11,500	11,427	11,407	11,391	11,356	11,471	11,321	11,297	11,497	11,513
1968	11,557	11,538	11,536	11,590	11,606	11,620	11,666	11,634	11,646	11,649	11,700	11,744
1969	11,819	11,839	11,881									
<b>ORDNANCE AND ACCESSORIES</b>												
1967	295	302	308	310	311	315	318	322	327	330	333	335
1968	335	335	336	338	339	343	346	350	346	333	347	351
1969	349	346	346									
<b>LUMBER AND WOOD PRODUCTS</b>												
1967	603	603	599	598	595	597	596	594	594	595	596	595
1968	592	597	598	596	597	596	598	599	599	600	600	603
1969	606	607	608									
<b>FURNITURE AND FIXTURES</b>												
1967	463	461	458	455	453	451	446	451	452	456	457	462
1968	465	466	467	470	471	474	474	476	478	480	484	485
1969	490	494	494									
<b>STONE, CLAY, AND GLASS PRODUCTS</b>												
1967	638	637	633	626	624	625	624	624	623	626	630	636
1968	637	606	589	639	639	642	641	644	645	649	652	658
1969	664	666	664									
<b>PRIMARY METAL INDUSTRIES</b>												
1967	1,373	1,359	1,349	1,322	1,318	1,315	1,301	1,303	1,299	1,297	1,315	1,314
1968	1,316	1,317	1,316	1,330	1,332	1,321	1,324	1,308	1,302	1,294	1,300	1,313
1969	1,321	1,330	1,332									
<b>FABRICATED METAL PRODUCTS</b>												
1967	1,376	1,374	1,365	1,361	1,359	1,365	1,361	1,367	1,347	1,344	1,365	1,374
1968	1,375	1,375	1,379	1,380	1,384	1,391	1,392	1,393	1,401	1,411	1,420	1,426
1969	1,437	1,444	1,451									
<b>MACHINERY, EXC. ELECTRICAL</b>												
1967	1,983	1,980	1,979	1,976	1,971	1,971	1,971	1,976	1,969	1,935	1,973	1,949
1968	1,963	1,960	1,964	1,955	1,955	1,955	1,949	1,955	1,960	1,966	1,974	1,971
1969	1,981	1,997	1,993									
<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>												
1967	1,989	1,992	1,981	1,958	1,947	1,913	1,937	1,956	1,938	1,950	1,969	1,971
1968	1,977	1,978	1,977	1,976	1,981	1,979	1,982	1,983	1,984	1,982	1,988	1,996
1969	2,013	2,026	2,036									



**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED**

**D: Employees on nonagricultural payrolls, by industry, seasonally adjusted--Continued  
1967 to date**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>DURABLE GOODS--CONTINUED</b>												
<b>TRANSPORTATION EQUIPMENT</b>												
1967	1,953	1,953	1,949	1,941	1,950	1,961	1,924	2,001	1,895	1,887	1,980	1,995
1968	2,007	2,015	2,019	2,021	2,020	2,029	2,068	2,027	2,035	2,034	2,031	2,031
1969	2,045	2,020	2,042									
<b>INSTRUMENTS AND RELATED PRODUCTS</b>												
1967	446	447	448	449	449	450	451	452	452	453	455	457
1968	458	458	458	457	457	458	455	462	462	463	465	465
1969	466	468	470									
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>												
1967	441	433	431	431	430	428	427	425	425	424	424	425
1968	432	431	433	428	431	432	437	437	434	437	439	445
1969	447	441	445									
<b>NONDURABLE GOODS</b>												
1967	8,056	8,021	8,004	8,004	7,955	7,973	7,951	7,966	8,014	8,032	8,049	8,069
1968	8,060	8,089	8,095	8,112	8,131	8,170	8,138	8,166	8,174	8,191	8,197	8,214
1969	8,180	8,222	8,241									
<b>FOOD AND KINDRED PRODUCTS</b>												
1967	1,791	1,792	1,795	1,790	1,795	1,797	1,788	1,749	1,789	1,788	1,784	1,783
1968	1,777	1,774	1,775	1,784	1,779	1,791	1,777	1,781	1,782	1,782	1,781	1,789
1969	1,792	1,801	1,793									
<b>TOBACCO MANUFACTURES</b>												
1967	91	86	85	86	86	86	87	84	82	86	90	90
1968	84	85	86	80	85	85	85	87	84	83	82	81
1969	84	82	83									
<b>TEXTILE MILL PRODUCTS</b>												
1967	968	958	956	952	949	953	948	954	959	964	966	972
1968	975	987	984	986	989	994	993	995	994	994	997	998
1969	1,000	999	995									
<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>												
1967	1,427	1,409	1,394	1,399	1,399	1,395	1,389	1,391	1,387	1,390	1,395	1,397
1968	1,393	1,397	1,399	1,407	1,410	1,418	1,412	1,406	1,414	1,416	1,412	1,412
1969	1,424	1,409	1,417									
<b>PAPER AND ALLIED PRODUCTS</b>												
1967	677	678	680	678	676	681	681	681	679	678	678	682
1968	684	685	684	687	689	691	690	695	696	700	704	706
1969	709	713	714									
<b>PRINTING AND PUBLISHING</b>												
1967	1,039	1,041	1,045	1,046	1,047	1,050	1,049	1,050	1,050	1,050	1,052	1,054
1968	1,053	1,055	1,058	1,059	1,061	1,063	1,063	1,066	1,065	1,070	1,072	1,074
1969	1,076	1,077	1,078									
<b>CHEMICALS AND ALLIED PRODUCTS</b>												
1967	992	994	993	997	997	999	1,000	1,002	1,005	1,010	1,012	1,016
1968	1,017	1,020	1,020	1,016	1,020	1,024	1,025	1,028	1,031	1,034	1,038	1,040
1969	1,040	1,044	1,045									
<b>PETROLEUM AND COAL PRODUCTS</b>												
1967	182	182	181	182	182	183	183	183	184	185	185	185
1968	186	187	186	186	187	188	187	187	186	187	188	189
1969	128	170	187									
<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>												
1967	530	525	523	522	474	480	482	525	531	531	536	537
1968	538	545	547	550	553	557	558	564	565	568	567	571
1969	573	577	579									

# ESTABLISHMENT DATA SEASONALLY ADJUSTED

## D: Employees on nonagricultural payrolls, by industry, seasonally adjusted--Continued 1967 to date

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
<b>NONDURABLE GOODS--CONTINUED</b>												
<b>LEATHER AND LEATHER PRODUCTS</b>												
1967	359	356	352	352	350	349	344	347	348	350	351	353
1968	353	354	356	357	358	359	348	357	357	357	356	354
1969	354	350	350									
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>												
1967	4,247	4,245	4,255	4,220	4,272	4,274	4,286	4,268	4,264	4,251	4,277	4,275
1968	4,280	4,297	4,299	4,298	4,250	4,300	4,315	4,327	4,333	4,341	4,352	4,360
1969	4,353	4,373	4,399									
<b>WHOLESALE AND RETAIL TRADE</b>												
1967	13,457	13,461	13,484	13,524	13,557	13,584	13,615	13,642	13,687	13,695	13,777	13,781
1968	13,786	13,890	13,938	13,984	14,017	14,057	14,093	14,154	14,198	14,265	14,291	14,271
1969	14,412	14,468	14,508									
<b>WHOLESALE TRADE</b>												
1967	3,497	3,502	3,512	3,523	3,521	3,522	3,523	3,541	3,537	3,535	3,547	3,545
1968	3,548	3,569	3,574	3,588	3,602	3,618	3,624	3,633	3,646	3,660	3,669	3,678
1969	3,701	3,714	3,726									
<b>RETAIL TRADE</b>												
1967	9,960	9,959	9,972	10,001	10,036	10,062	10,092	10,101	10,150	10,160	10,230	10,236
1968	10,238	10,321	10,364	10,396	10,415	10,439	10,469	10,521	10,552	10,605	10,622	10,593
1969	10,711	10,754	10,782									
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>												
1967	3,146	3,159	3,172	3,187	3,202	3,225	3,231	3,252	3,264	3,271	3,288	3,304
1968	3,314	3,327	3,336	3,348	3,359	3,363	3,376	3,399	3,414	3,433	3,453	3,463
1969	3,490	3,402	3,515									
<b>SERVICES</b>												
1967	9,839	9,888	9,946	9,987	10,026	10,067	10,116	10,161	10,207	10,250	10,330	10,370
1968	10,398	10,465	10,490	10,488	10,510	10,554	10,582	10,625	10,635	10,721	10,787	10,838
1969	10,900	10,967	11,034									
<b>GOVERNMENT</b>												
1967	11,172	11,225	11,267	11,306	11,350	11,423	11,420	11,450	11,446	11,481	11,543	11,581
1968	11,654	11,695	11,723	11,757	11,797	11,870	11,888	11,891	11,887	11,949	11,949	12,032
1969	12,081	12,122	12,132									
<b>FEDERAL GOVERNMENT</b>												
1967	2,667	2,679	2,691	2,694	2,704	2,728	2,735	2,735	2,721	2,718	2,719	2,719
1968	2,721	2,724	2,721	2,723	2,724	2,774	2,779	2,743	2,721	2,708	2,709	2,724
1969	2,760	2,767	2,759									
<b>STATE AND LOCAL GOVERNMENT</b>												
1967	8,505	8,546	8,576	8,612	8,646	8,695	8,685	8,715	8,725	8,763	8,824	8,862
1968	8,933	8,971	9,002	9,034	9,073	9,096	9,109	9,148	9,166	9,241	9,240	9,308
1969	9,321	9,355	9,372									

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED**

Year	January	February	March	April	May	June	July	August	September	October	November	December
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**E: Production workers on manufacturing payrolls, seasonally adjusted  
1967 to date**

(In thousands)

<b>MANUFACTURING</b>												
1967	14,549	14,476	14,404	14,314	14,237	14,231	14,167	14,288	14,152	14,147	14,363	14,380
1968	14,403	14,400	14,399	14,466	14,488	14,534	14,541	14,519	14,533	14,545	14,594	14,635
1969	14,684	14,731	14,771									
<b>DURABLE GOODS</b>												
1967	8,539	8,499	8,451	8,365	8,345	8,320	8,282	8,391	8,215	8,191	8,387	8,389
1968	8,422	8,396	8,389	8,444	8,447	8,455	8,493	8,450	8,465	8,462	8,505	8,536
1969	8,606	8,628	8,654									
<b>NONDURABLE GOODS</b>												
1967	6,010	5,977	5,953	5,949	5,892	5,911	5,885	5,897	5,937	5,956	5,976	5,991
1968	5,981	6,004	6,010	6,022	6,041	6,079	6,048	6,069	6,068	6,083	6,089	6,099
1969	6,078	6,103	6,117									

**F: Average weekly hours of production workers on manufacturing payrolls, seasonally adjusted  
1967 to date**

<b>MANUFACTURING</b>												
1967	41.0	40.3	40.5	40.5	40.4	40.4	40.5	40.7	40.8	40.7	40.7	40.7
1968	40.2	40.7	40.8	40.1	40.9	40.9	40.9	40.7	41.0	40.9	40.8	40.8
1969	40.6	40.1	40.9									
<b>DURABLE GOODS</b>												
1967	41.7	40.9	41.1	41.0	41.1	41.0	41.2	41.2	41.3	41.2	41.1	41.3
1968	41.0	41.3	41.4	40.6	41.6	41.6	41.5	41.3	41.6	41.6	41.6	41.3
1969	41.3	40.9	41.5									
<b>NONDURABLE GOODS</b>												
1967	40.0	39.4	39.5	39.7	39.6	39.6	39.6	39.7	39.9	39.7	40.0	39.9
1968	39.3	39.9	39.9	39.2	39.9	40.0	39.9	39.9	40.0	39.9	39.7	39.9
1969	39.8	39.1	39.9									

**G: Average weekly overtime hours of production workers on manufacturing payrolls, seasonally adjusted  
1967 to date**

<b>MANUFACTURING</b>												
1967	3.6	3.4	3.4	3.3	3.2	3.2	3.3	3.4	3.4	3.3	3.3	3.4
1968	3.5	3.5	3.5	3.1	3.6	3.6	3.6	3.6	3.7	3.7	3.8	3.7
1969	3.8	3.5	3.7									
<b>DURABLE GOODS</b>												
1967	3.9	3.6	3.6	3.4	3.3	3.4	3.5	3.5	3.6	3.5	3.3	3.6
1968	3.6	3.6	3.6	3.2	3.9	3.9	3.8	3.6	3.9	3.9	4.0	3.9
1969	3.8	3.8	3.9									
<b>NONDURABLE GOODS</b>												
1967	3.3	3.1	3.1	3.0	3.1	3.1	3.1	3.2	3.3	3.2	3.2	3.2
1968	3.3	3.3	3.3	2.8	3.3	3.4	3.4	3.4	3.4	3.3	3.4	3.4
1969	3.6	3.2	3.4									

## 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 will be revised at the time the industry employment statistics are again adjusted to later benchmarks and more current data are available. The seasonal movements are measured in order to adjust the data statistically for such recurring events as warm and cold weather, crop-growing cycles, holidays, vacations, regular industry model change-over periods, and the like. These movements are generally the largest single component of month-to-month changes in employment, hours, and labor turnover. The seasonal factors which follow enable the analyst to remove these influences from the data in order to determine more basic trends.

These factors are to be used with data adjusted to the March 1968 benchmark.

**1: 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>	97.6	97.1	97.4	99.2	100.3	102.6	102.6	102.6	101.2	100.2	99.9	99.4
<b>CONTRACT CONSTRUCTION</b>	90.6	89.1	91.2	96.8	99.9	103.9	107.2	108.7	107.1	106.0	102.0	97.5
<b>MANUFACTURING</b> <sup>1</sup>												
<b>DURABLE GOODS</b> <sup>1</sup>												
Ordnance and accessories	100.5	100.3	99.8	99.4	99.1	99.6	99.8	99.4	100.4	100.4	100.8	100.4
Lumber and wood products	97.0	97.2	97.8	98.3	99.1	102.9	102.8	103.3	101.7	100.9	99.8	99.2
Furniture and fixtures	99.7	99.4	99.4	98.9	98.8	100.1	98.7	100.9	100.8	101.1	101.3	101.1
Stone, clay, and glass products	96.3	96.0	97.4	99.5	100.2	102.2	102.7	103.1	102.2	101.1	100.5	98.8
Primary metal industries	99.3	99.7	100.1	100.8	101.0	102.1	101.4	100.5	99.1	98.2	98.5	99.2
Fabricated metal products	99.7	99.4	99.3	99.4	99.5	100.9	99.0	99.8	100.3	100.8	101.0	100.8
Machinery, except electrical	100.1	100.3	100.6	100.4	100.1	100.8	100.1	99.7	99.5	99.1	99.6	99.7
Electrical equipment and supplies	100.3	100.0	99.5	99.1	98.9	99.8	98.9	99.9	100.4	100.9	101.2	101.2
Transportation equipment	100.8	100.9	100.8	100.4	100.5	100.9	98.0	92.7	100.5	101.2	101.6	101.9
Instruments and related products	99.8	99.8	99.8	99.5	99.3	100.3	100.0	100.5	100.1	100.1	100.3	100.5
Miscellaneous manufacturing industries	94.3	95.8	96.8	97.9	99.0	100.6	97.9	103.0	104.3	105.8	105.1	99.3
<b>NONDURABLE GOODS</b> <sup>1</sup>												
Food and kindred products	96.0	95.0	95.2	95.3	96.2	99.8	102.3	107.5	107.2	104.7	101.4	99.3
Tobacco manufactures	98.8	96.5	91.6	88.4	87.3	88.5	89.0	108.0	117.3	117.4	108.5	108.8
Textile mill products	98.8	99.2	99.7	99.7	99.8	101.1	99.3	100.9	100.6	100.5	100.6	100.0
Apparel and other textile products	98.1	100.4	100.7	99.0	99.5	100.8	96.7	101.4	101.1	101.3	101.0	99.9
Paper and allied products	99.2	99.0	99.1	99.1	99.1	101.1	100.6	101.2	100.6	100.1	100.4	100.4
Printing and publishing	99.5	99.7	99.9	99.9	99.6	100.2	100.1	100.2	99.9	100.1	100.3	100.6
Chemicals and allied products	99.1	99.3	99.8	100.3	99.9	100.6	101.0	101.2	100.1	99.6	99.5	99.5
Petroleum and coal products	97.5	97.7	98.2	98.7	99.4	101.6	102.9	103.0	102.0	100.7	99.7	98.6
Rubber and plastics products, nec.	99.9	99.7	99.4	99.4	99.3	100.3	98.4	100.1	100.5	100.8	101.2	101.0
Leather and leather products	99.6	100.5	99.7	98.3	98.8	100.6	99.6	101.6	100.0	99.9	100.9	100.6
<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	98.5	98.4	98.8	99.2	99.7	101.0	101.0	101.1	101.1	100.5	100.5	100.2
<b>WHOLESALE AND RETAIL TRADE</b> <sup>1</sup>												
<b>WHOLESALE TRADE</b>	99.2	98.7	98.7	98.7	98.7	100.5	101.2	101.2	100.5	100.7	100.9	101.0
<b>RETAIL TRADE</b>	98.2	97.0	98.2 <sup>2</sup>	98.6 <sup>2</sup>	99.6	100.3	99.5	99.2	99.7	100.1	102.0	107.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b>	98.8	99.0	99.3	99.6	99.8	100.8	101.7	101.7	100.3	99.9	99.6	99.6
<b>SERVICES</b>	98.1	98.4	98.9	100.0	100.6	101.6	101.8	101.2	100.3	100.1	99.7	99.4
Hotels and other lodging places	91.4	92.9	92.9	96.4	99.6	105.4	117.4	117.3	103.1	97.1	93.8	92.6
Personal services	99.0	98.6	99.1	100.1	100.6	101.6	100.6	99.7	99.6	100.3	100.4	100.5
Medical and other health services	99.5	99.8	99.8	99.7	99.5	100.6	101.0	100.6	99.9	99.9	100.0	99.7
Educational services	103.4	104.1	104.3	103.6	103.4	96.4	88.0	86.9	96.5	103.8	105.1	104.4
<b>GOVERNMENT</b> <sup>2</sup>												
<b>FEDERAL</b> <sup>3</sup>	99.1	99.0	99.2	99.6	99.5	101.5	102.3	101.9	99.4	99.5	99.4	99.5
<b>STATE AND LOCAL</b>	100.9	101.6	101.8	101.5	101.2	100.5	95.0	94.1	98.8	101.1	101.8	101.6

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

<sup>2</sup> Factors shown are for 1970. The factors used for March and April 1969 were 97.6 and 99.2 respectively.

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

**2: Seasonal adjustment factors for labor turnover rates in manufacturing**

Item	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions	93.8	83.9	94.7	91.6	99.7	131.9	107.3	124.6	122.2	104.9	82.2	63.2
New hires	86.8	81.0	85.4	90.4	103.5	143.6	104.3	124.3	125.9	111.1	83.4	60.2
Total separations	97.3	83.7	89.4	91.8	92.3	91.6	108.3	122.0	137.6	105.5	90.4	90.1
Quits	84.5	77.9	88.3	94.8	96.7	95.3	95.4	139.7	173.1	108.8	81.6	63.9
Layoffs	112.2	89.9	86.8	87.7	79.5	79.6	138.2	96.5	92.5	101.7	107.1	128.3

**3: 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>	95.6	94.4	95.3	94.6	99.1	101.4	96.7	100.7	108.5	105.7	103.6	104.3
<b>DURABLE GOODS</b>	96.3	94.3	96.1	94.8	98.6	100.7	94.4	99.1	108.6	106.5	105.5	105.1
<b>NONDURABLE GOODS</b>	91.9	94.2	94.8	94.9	97.4	101.1	100.3	103.6	110.8	106.5	102.7	101.9

4: 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	99.3	99.5	99.1	99.7	100.5	100.9	101.1	100.4	100.3	99.8	100.5
<b>MINING</b> .....	99.1	98.1	98.7	99.5	100.3	101.1	101.2	101.2	100.6	101.1	99.1	100.1
<b>CONTRACT CONSTRUCTION</b> .....	96.0	96.2	98.1	98.9	100.3	102.3	103.5	103.5	103.1	102.4	97.0	98.8
<b>MANUFACTURING</b> .....	99.5	99.7	99.6	99.2	100.0	100.4	99.5	100.0	100.6	100.4	100.3	100.8
<b>DURABLE GOODS</b> .....	99.5	99.7	99.8	99.4	100.1	100.4	99.2	99.6	100.6	100.5	100.3	100.9
<b>NONDURABLE GOODS</b> .....	99.1	99.5	99.5	98.9	99.7	100.3	100.2	100.7	100.7	100.4	100.4	100.5
<i>Durable Goods</i>												
Ordnance and accessories .....	100.9	99.4	99.4	99.0	99.9	99.8	99.0	99.6	100.5	100.5	100.7	101.2
Lumber and wood products .....	99.0	98.0	99.5	100.0	101.1	101.2	100.1	101.0	100.8	100.9	98.9	99.5
Furniture and fixtures .....	98.5	98.9	99.2	98.1	98.8	100.3	99.0	101.3	101.4	101.7	100.9	102.1
Stone, clay, and glass products .....	98.3	97.9	98.6	99.8	100.6	101.1	100.5	101.2	101.1	101.1	100.0	99.8
Primary metal industries .....	100.2	99.8	100.2	100.6	100.5	100.8	100.3	99.5	99.8	98.8	99.4	100.0
Fabricated metal products .....	99.1	99.1	99.3	99.1	100.3	100.5	99.0	100.2	101.4	100.8	100.5	100.8
Machinery, except electrical .....	99.7	100.2	100.6	100.0	100.1	100.3	99.1	98.7	100.0	99.9	100.0	101.2
Electrical equipment and supplies .....	99.7	100.0	99.7	98.6	99.7	100.2	98.8	99.8	100.6	100.5	101.0	101.5
Transportation equipment .....	100.2	98.5	99.1	98.7	100.6	99.9	98.4	98.2	101.1	101.5	102.1	101.8
Instruments and related products .....	99.6	99.9	99.9	99.3	99.8	100.2	99.0	99.6	100.5	100.6	100.6	101.0
Miscellaneous manufacturing industries .....	98.7	100.2	100.3	99.1	99.8	100.1	98.3	100.3	100.5	101.2	101.0	100.6
<i>Nondurable Goods</i>												
Food and kindred products .....	99.2	98.3	98.5	98.0	99.5	100.4	101.5	101.1	101.9	100.5	100.5	100.6
Tobacco manufactures .....	97.2	99.0	97.5	98.4	98.6	101.1	98.6	100.7	103.9	103.3	100.0	101.6
Textile mill products .....	99.4	100.0	99.9	98.3	99.7	100.5	98.9	100.3	100.5	100.7	100.8	100.9
Apparel and other textile products .....	98.5	100.1	100.8	99.6	100.0	100.4	99.8	101.0	99.9	100.2	100.0	99.7
Paper and allied products .....	98.7	99.0	99.5	98.9	99.9	100.3	100.1	100.4	101.0	100.8	100.5	101.0
Printing and publishing .....	98.7	99.4	100.1	99.5	99.7	99.9	99.7	100.6	100.8	100.3	100.0	101.1
Chemicals and allied products .....	99.3	99.6	99.9	100.7	100.3	100.1	99.6	99.6	100.2	99.9	100.3	100.4
Petroleum and coal products .....	98.9	97.8	98.9	100.8	100.7	100.6	101.7	100.2	101.4	100.3	100.1	98.7
Rubber and plastics products, n e c. ....	99.6	99.1	99.2	99.0	99.6	100.1	99.0	100.3	101.2	101.0	100.8	101.0
Leather and leather products .....	100.2	101.0	99.3	98.8	99.3	101.0	101.2	100.9	99.2	99.3	100.1	101.7
<b>WHOLESALE AND RETAIL TRADE</b> .....	99.2	99.0	99.1	99.2	99.1	100.6	102.3	102.2	100.1	99.5	99.1	100.6
<b>WHOLESALE TRADE</b> .....	99.7	99.4	99.7	99.5	99.8	100.3	100.7	100.4	100.1	100.1	99.9	100.6
<b>RETAIL TRADE</b> .....	98.8	98.8	98.9	99.1	98.9	100.8	102.8	102.9	100.0	99.3	98.8	100.9
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	100.0	100.0	100.1	99.9	99.9	99.8	100.2	100.1	99.8	100.1	99.9	100.2

<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.

5: Seasonal adjustment factors for production workers<sup>1</sup> on industrial and construction payrolls

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL</b> <sup>2</sup> .....												
<b>MINING</b> .....	97.2	96.5	97.0	99.0	100.5	103.1	102.8	102.8	101.2	100.2	100.0	99.6
<b>CONTRACT CONSTRUCTION</b> .....	88.5	87.0	89.6	96.1	99.9	104.9	108.6	110.5	108.5	107.1	102.5	96.9
<b>MANUFACTURING</b> <sup>2</sup> .....												
<b>DURABLE GOODS</b> <sup>2</sup> .....												
<b>NONDURABLE GOODS</b> <sup>2</sup> .....												
<i>Durable Goods</i>												
Ordnance and accessories .....	101.2	100.4	99.2	99.0	98.6	99.3	98.9	99.1	100.6	101.0	101.3	101.6
Lumber and wood products .....	96.3	96.9	97.7	98.1	99.0	103.2	103.0	103.7	102.0	101.0	99.8	99.0
Furniture and fixtures .....	99.5	99.3	99.3	98.7	98.7	100.1	98.4	101.0	100.9	101.3	101.5	101.3
Stone, clay, and glass products .....	95.8	95.3	97.0	99.3	100.3	102.5	103.0	103.6	102.5	101.2	100.7	98.7
Primary metal industries .....	99.3	99.9	100.2	101.1	101.3	102.5	101.4	100.3	98.8	97.7	98.4	99.2
Fabricated metal products .....	99.6	99.4	99.2	99.3	99.4	101.1	98.4	99.5	100.6	101.1	101.4	101.1
Machinery, except electrical .....	100.1	100.6	101.0	100.7	100.3	100.9	99.7	99.2	99.4	98.9	99.4	99.8
Electrical equipment and supplies .....	100.5	100.0	99.3	98.9	98.5	99.7	98.0	99.6	100.8	101.3	101.7	101.8
Transportation equipment .....	101.3	101.2	101.3	100.7	100.9	101.0	96.8	89.4	100.7	101.8	102.3	102.8
Instruments and related products .....	100.0	99.9	99.9	99.4	99.1	100.2	99.2	100.3	100.2	100.3	100.7	100.9
Miscellaneous manufacturing industries .....	92.8	94.9	96.2	97.6	98.9	100.7	97.5	103.7	105.3	107.2	106.5	98.8
<i>Nondurable Goods</i>												
Food and kindred products .....	94.6	93.0	93.3	93.4	94.5	99.0	102.5	110.4	110.5	107.2	102.4	99.2
Tobacco manufactures .....	98.8	96.0	90.6	87.0	85.6	87.0	87.3	109.0	119.8	119.7	109.5	109.7
Textile mill products .....	98.7	99.2	99.6	99.7	99.7	101.2	99.0	100.9	100.6	100.6	100.6	100.1
Apparel and other textile products .....	98.0	100.6	100.8	99.0	99.4	100.9	96.4	101.4	101.2	101.4	101.0	99.9
Paper and allied products .....	99.1	98.7	98.8	99.1	99.1	101.3	100.4	101.3	100.7	100.2	100.6	100.5
Printing and publishing .....	99.3	99.6	100.0	100.0	99.7	100.1	99.7	100.0	100.2	100.3	100.5	100.7
Chemicals and allied products .....	99.0	99.3	100.1	100.9	100.3	100.5	100.5	101.0	100.0	99.5	99.5	99.5
Petroleum and coal products .....	96.7	97.0	97.3	98.6	99.5	102.1	103.4	103.7	102.8	101.0	99.6	98.1
Rubber and plastics products, n e c. ....	99.9	99.7	99.3	99.3	99.1	100.1	97.8	100.0	100.7	101.1	101.6	101.5
Leather and leather products .....	99.5	100.5	99.7	98.2	98.7	100.6	99.4	101.8	99.9	99.9	101.1	100.7

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

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

# Technical Note

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

## INTRODUCTION

The statistics in this periodical are compiled from three major sources: (1) household interviews, (2) payroll 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 50,000 households, representing 449 areas in 863 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 payroll records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The figures are based on payroll reports from a sample of establishments employing about 25 million 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.

*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 payroll series

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

Data from these two sources differ from each other because of differences in definition and coverage, sources of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The 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 non-agricultural 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.

#### 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.

*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 establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes contract construction, professional services, public utilities, and financial establishments, whereas these are included in BLS statistics.

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

*Employment covered by State unemployment insurance programs.* Not all nonagricultural wage and salary workers are covered by the unemployment insurance programs. All workers in certain activities, such as interstate railroads, are excluded. In addition, small firms in covered industries are also excluded in 31 States. In general, these are establishments with less than four employees.

## 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 Re-

port 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, 50,000 occupied units are designated for interview. About 2,250 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 non-interview rate for the survey of about 4.5 percent. In addition to the 50,000 occupied units, there are 8,500 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.

*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. The detailed questions for persons not in the labor force are asked only in those households that are new entrants to the sample and in those that are reentering the sample after 8 months' absence.

*Occupation, industry, and class of worker* for the employed apply to the job held in the survey week. Per-



sons 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 1960 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.

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 non-economic reasons but 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 ac-

ording 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.

## 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 for other reasons. This adjustment is made separately by groups of sample areas and, within these, for six groups--color (white and non-white) within the three residence categories (urban, rural nonfarm, and rural farm). The proportion of sample households not interviewed varies from 4 to 6 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 1960 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1960 Census between the color-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample proportions are weighted by independent current estimates of the population by age, sex, and color. These estimates are prepared by carrying forward the most recent census data (1960) to take account of subsequent aging of the population, mortality, and migra-

tion 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.

The standard error of the change in an item from one month to the next month is more closely related to the standard error of the monthly level for that item than to the size of the specific month-to-month change itself. Thus, in order to use the approximations to the standard errors of month-to-month changes as presented in table C, it is first necessary to obtain the standard error of the monthly level of the item in table B, and then find the standard error of the month-to-month change in table C corresponding to this standard error of level. It should

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 and total employment.....	190	145
Agriculture.....	120	100
Nonagricultural employment	200	150
Unemployment.....	75	80
<b>MALE</b>		
Labor force and total employment.....	100	75
Agriculture.....	95	80
Nonagricultural employment	120	95
Unemployment.....	60	60
<b>FEMALE</b>		
Labor force and total employment.....	150	115
Agriculture.....	50	40
Nonagricultural employment	150	115
Unemployment.....	50	55

Table B. Standard error of level of monthly estimates

(In thousands)

Size of estimate	Both sexes		Male		Female	
	Total or white	Non-white	Total or white	Non-white	Total or white	Non-white
10.....	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	...	...	...	...	...

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.

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

Table D. Standard error of 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 ...	.8	1.2	1.8	2.5	2.9	3.3	3.4	3.9	4.0	
250 ...	.7	.8	1.4	1.9	2.3	2.5	2.8	3.0	3.2	
500 ...	.5	.7	1.0	1.4	1.6	1.8	1.9	2.1	2.3	
1,000 ..	.3	.4	.7	1.0	1.2	1.4	1.4	1.6	1.6	
2,000 ..	.3	.3	.5	.7	.7	.8	1.0	1.1	1.2	
3,000 ..	.2	.3	.4	.7	.7	.7	.8	.8	1.0	
5,000 ..	.2	.2	.3	.4	.5	.7	.7	.7	.7	
10,000 .	.1	.2	.3	.3	.3	.4	.4	.5	.5	
25,000 .	.1	.1	.2	.2	.3	.3	.3	.3	.3	
50,000 .	.1	.1	.1	.2	.2	.2	.2	.3	.3	
75,000 .	.1	.1	.1	.1	.2	.2	.2	.2	.2	

## Establishment Data

### COLLECTION

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

#### Federal-State Cooperation

Under cooperative arrangements with State agencies, the respondent fills out a single employment or 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 non-

agricultural 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 was revised in January 1969 to provide for the collection of job openings data as well.

## 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, 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 reported to work during the period.

### Industry Hours and Earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining 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 foremen and all nonsupervisory workers (including leadmen and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and watchman services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

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

*Nonsupervisory employees* include employees (not above the working supervisory level) such as office and clerical workers, repairmen, salespersons, operators, drivers, 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, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

#### **Average Weekly Hours**

The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

#### **Average Overtime Hours**

The overtime hours represent that portion of the gross average weekly hours which were in excess of regular hours and for which 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 gross 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 non-supervisory workers in the industry division excluding other income and income earned by other family members.

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

### 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  $1\frac{1}{2}$  times the straight-time rates. No adjustment is made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

### Indexes of Aggregate Weekly Payrolls and Man-Hours

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

### Labor Turnover

Labor turnover is the gross movement of wage and salary workers into and out of employed status with respect to individual establishments. This movement, which relates to a calendar month, is divided into two broad types: *Accessions* (new hires and rehires) and *separations* (terminations of employment initiated by either employer or employee). Each type of action is cumulated for a calendar month and expressed as a rate per 100 employees. The data relate to all employees, whether full- or part-time, permanent or temporary, including executive, office, sales, other salaried personnel, and production workers. Transfers to another establishment of the company are included, beginning with January 1959.

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

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

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

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

### 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 the table, Summary of Methods for Computing Industry Statistics on Employment, Hours, Earnings, and Labor Turnover. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Non-agricultural Industries* and on *Measurement of Labor Turnover*, 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 produc-

tion- or nonsupervisory-worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods, 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 1967 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, covering three-fourths of the total nonagricultural employment in the United States, are prepared under the direction of the Manpower Administration. 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 follows:

Nonagricultural payroll employment estimates, by industry division, as a percentage of the benchmark for 1966-1968

Industry division	1966	1967	1968
Total . . . . .	99.9	100.0	100.4
Mining . . . . .	100.5	99.5	101.7
Contract construction . . . . .	99.7	101.6	99.5
Manufacturing . . . . .	99.4	99.5	99.8
Transportation and public utilities . . . . .	99.7	99.8	100.7
Wholesale and retail trade . . . . .	100.1	100.7	100.3
Finance, insurance, and real estate . . . . .	99.5	100.2	99.2
Services . . . . .	100.3	99.8	99.2
Government . . . . .	100.0	100.0	102.8

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 non-certainty 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 samples 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 larger 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 smaller ones. Many industries in the trade and service 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 labor turnover statistics programs, with their emphasis on pro-

ducing 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. The table that follows shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown.

Approximate size and coverage of BLS employment and payrolls sample, March 1968<sup>1</sup>

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Mining . . . . .	2,200	274,000	47
Contract construction . . . . .	16,200	772,000	26
Manufacturing . . . . .	46,100	12,422,000	64
Transportation and public utilities:			
Railroad transportation (ICC) . . . . .	100	636,000	96
Other transportation and public utilities . . . . .	7,100	2,042,000	57
Wholesale and retail trade . . . . .	39,700	2,815,000	21
Finance, insurance and real estate . . . . .	9,400	1,239,000	37
Services . . . . .	22,400	2,227,000	21
Government:			
Federal (Civil Service Commission) <sup>2</sup> . . . . .	3,200	2,699,000	100
State and local . . . . .	9,400	4,907,000	54

<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.

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

Approximate size and coverage of BLS labor turnover sample, March 1968

Industry	Employees	
	Number reported	Percent of total
Manufacturing . . . . .	11,060,000	57
Metal mining . . . . .	49,100	74
Coal mining . . . . .	59,800	44
Communication:		
Telephone . . . . .	632,400	78
Telegraph . . . . .	22,400	69

#### Reliability of the Employment Estimates

The estimates derived from the establishment 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. The relatively large size of the BLS establishment sample assures a high degree of accuracy. However, since the link relative technique requires the use of the previous month's estimate as the base in computing the current month's estimate, 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 the 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. (A detailed description of the March 1968 benchmark is available from the Bureau upon request.)

One measure of the reliability of ratio estimates is the root mean square error (RMSE). This measure is the standard deviation adjusted for the bias in ratio estimates ( $RMSE = \sqrt{(Standard\ Deviation)^2 + (Bias)^2}$ ). 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.

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



Root-mean-square errors of differences  
between benchmarks and estimates

Size of employment estimate	Root-mean-square error <sup>1</sup>
50,000	2,000
100,000	2,600
200,000	3,600
500,000	7,000
1,000,000	11,600
2,000,000	18,400

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

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. The table below presents root-mean-square-errors of the amounts of

Errors of preliminary employment estimates

Size of empl. estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	600	600
100,000	900	900
200,000	1,700	1,700
500,000	3,000	2,800
1,000,000	4,300	4,000
2,000,000	8,000	8,000
10,000,000	29,600	27,600
Total Nonag. empl.	84,000	74,000

revision 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 or 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. 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 figures may differ slightly from the equivalent official U.S. totals on a national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

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, 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). 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 continues 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.

## SEASONAL ADJUSTMENT

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

The seasonal adjustment method used for these series is an adaptation of the standard ratio-to-moving average method, with a provision for "moving" adjustment factors to take account of changing seasonal patterns. A detailed description of the method is given in the booklet, *The BLS Seasonal Factor Method* (1966), which may be obtained from the Bureau on request.

For establishment data, the seasonally adjusted series on weekly hours and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series. 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. Indexes of aggregate weekly man-hours, seasonally adjusted, for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted, and dividing by the 1957-59 base. For total, 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 1957-59 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Post Office Department in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Post Office Department. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based. Factors currently in use for the establishment data are shown in the July 1969 *Employment and Earnings*, and revisions will be made coincidental with the adjustment of series to new benchmark levels.

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

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1968 are published in the February 1969 *Employment and Earnings and Monthly Report on the Labor Force*. Revisions will be made annually as each additional year's data become available.

### 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 and earnings series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1968 benchmarks. Data from April 1968 forward are subject to revision at the time of the next benchmark.

Beginning with the July 1969 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, 1969*. Comparable data will be published in *Employment and Earnings, United States, 1909-69*, BLS Bulletin 1312-7.

**Summary of Methods for Computing Industry Statistics**

**on Employment, Hours, Earnings, and Labor Turnover**

Item	Basic estimating cells (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
<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 firms divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
<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.

# UNITED STATES DEPARTMENT OF LABOR

## Bureau of Labor Statistics

### Regional Offices

<p>REGION I - BOSTON BLS Regional Director John Fitzgerald Kennedy Federal Bldg. Government Center - Room 1603 A Boston, Mass. 02203</p>	<p>REGION II - NEW YORK BLS Regional Director 341 Ninth Avenue New York, N.Y. 10001</p>	<p>REGION III - PHILADELPHIA BLS Regional Director Penn Square Bldg., Rm. 406 1317 Filbert Street Philadelphia, Pa. 19107</p>	<p>REGION IV - ATLANTA BLS Regional Director 1371 Peachtree Street, N.E. Atlanta, Ga. 30309</p>
<p>REGION V - CHICAGO BLS Regional Director 219 South Dearborn Street Chicago, Ill. 60604</p>	<p>REGION VI - DALLAS BLS Regional Director 411 North Akard Street Dallas, Tex. 75201</p>	<p>REGION VII - KANSAS CITY BLS Regional Director 911 Walnut Street Kansas City, Mo. 64106</p>	<p>REGION VIII - SAN FRANCISCO BLS Regional Director 450 Golden Gate Avenue, Box 36017 San Francisco, Calif. 94102</p>

### COOPERATING STATE AGENCIES

BLS  
Region

#### *Employment and Labor Turnover Statistics Programs*

VIII	ALABAMA	- Department of Industrial Relations, Montgomery 36104
VIII	ALASKA	- Employment Security Division, Department of Labor, Juneau 99801
VIII	ARIZONA	- Unemployment Security Commission, Phoenix 85005
VI	ARKANSAS	- Employment Security Division, Department of Labor, Little Rock 72203
VIII	CALIFORNIA	- Division of Labor Statistics and Research, Department of Industrial Relations, Human Relations Agency, San Francisco 94101 (Employment). Research and Statistics, Department of Employment, Sacramento 95814 (Turnover).
VII	COLORADO	- Department of Employment, Denver 80203
I	CONNECTICUT	- Employment Security Division, Connecticut Labor Department, Hartford 06115
III	DELAWARE	- Employment Security Commission, Wilmington 19801
III	DIST. OF COL.	- Manpower Training and Employment Services Administration for the District of Columbia, Washington 20212
IV	FLORIDA	- Department of Commerce, Tallahassee 32304
IV	GEORGIA	- Employment Security Agency, Department of Labor, Atlanta 30303
VIII	HAWAII	- Department of Labor and Industrial Relations, Honolulu 96811
VIII	IDAHO	- Department of Employment, Boise 83707
V	ILLINOIS	- Division of Research and Statistics, Department of Labor, Chicago 60606
V	INDIANA	- Employment Security Division, Indianapolis 46204
VII	IOWA	- Employment Security Commission, Des Moines 50319
VII	KANSAS	- Employment Security Division, Department of Labor, Topeka 66603
IV	KENTUCKY	- Bureau of Employment Security, Department of Economic Security, Frankfort 40601
VI	LOUISIANA	- Department of Employment Security, Baton Rouge 70804
I	MAINE	- Employment Security Commission, Augusta 04330
III	MARYLAND	- Department of Employment Security, Baltimore 21201
I	MASSACHUSETTS	- Division of Statistics, Department of Labor and Industries, Boston 02202 (Employment). Division of Employment Security, Boston 02215 (Turnover).
V	MICHIGAN	- Employment Security Commission, Detroit 48202
V	MINNESOTA	- Department of Manpower Services, St. Paul 55101
IV	MISSISSIPPI	- Employment Security Commission, Jackson 39205
VII	MISSOURI	- Division of Employment Security, Jefferson City 65102
VII	MONTANA	- Unemployment Compensation Commission, Helena 59601
VII	NEBRASKA	- Division of Employment, Department of Labor, Lincoln 68509
VIII	NEVADA	- Employment Security Department, Carson City 89701
I	NEW HAMPSHIRE	- Department of Employment Security, Concord 03301
II	NEW JERSEY	- Division of Planning and Research, Department of Labor and Industry, Trenton 08625 (Employment); Division of Employment Security (Turnover), Trenton 08625
VI	NEW MEXICO	- Employment Security Commission, Albuquerque 87103
II	NEW YORK	- Research and Statistics Office, Division of Employment, N.Y. State Department of Labor, State Campus Building 12, Albany 12201
IV	NORTH CAROLINA	- Division of Statistics, Department of Labor, Raleigh 27602 (Employment). Bureau of Employment Security Research, Employment Security Commission, Raleigh 27602 (Turnover).
VII	NORTH DAKOTA	- Employment Security Bureau, Bismarck, 58501
V	OHIO	- Division of Research and Statistics, Bureau of Employment Services, 145 S. Front St., Columbus 43216
VI	OKLAHOMA	- Employment Security Commission, Oklahoma City 73105
VIII	OREGON	- Division of Employment, Salem 97310
III	PENNSYLVANIA	- Bureau of Employment Security, Department of Labor and Industry, Harrisburg 17121
I	RHODE ISLAND	- Division of Statistics and Census, Department of Labor, Providence 02908 (Employment). Department of Employment Security, Providence 02903 (Turnover).
IV	SOUTH CAROLINA	- Employment Security Commission, Columbia 29202
VII	SOUTH DAKOTA	- Employment Security Department, Aberdeen 57401
IV	TENNESSEE	- Department of Employment Security, Nashville 37219
VI	TEXAS	- Employment Commission, Austin 78701
VII	UTAH	- Department of Employment Security, Salt Lake City 84111
I	VERMONT	- Department of Employment Security, Montpelier 05602
III	VIRGINIA	- Division of Research and Statistics, Department of Labor and Industry, Richmond 23214 (Employment). Employment Commission, Richmond 23211 (Turnover).
VIII	WASHINGTON	- Employment Security Department, Olympia 98501
III	WEST VIRGINIA	- Department of Employment Security, Charleston 25305
V	WISCONSIN	- Department of Industrial, Labor and Human Relations, Madison 53701
VII	WYOMING	- Employment Security Commission, Casper 82601