

EMPLOYMENT AND EARNINGS

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New Series

This issue introduces data on the number of nonsupervisory workers, along with their hours and earnings, at the division level, for transportation and public utilities, and services. (See tables B-2, C-1, C-2, and C-7.)

Employment and Unemployment Developments, May 1970

The unemployment rate increased for the fifth consecutive month in May, while employment declined. The overall unemployment rate rose from 4.8 percent in April to 5.0 percent in May, the highest since February 1965. The increase occurred entirely among adult workers, particularly those seeking full-time work. The unemployment rate for workers covered by State unemployment insurance programs rose sharply in May to 3.6 percent, up from 3.1 percent in April.

Nonfarm payroll employment declined by 270,000 in May, after seasonal adjustment, although about 100,000 of the drop was due to increased strike activity. Nearly all of the decline occurred in manufacturing, where employment fell in both durable and nondurable goods. The factory workweek and overtime hours continued to edge down in May.

Unemployment

The number of unemployed persons was 3.4 million in May, down 170,000 from April. Unemployment usually falls more than this in May and, as a result, joblessness was up by 160,000 after seasonal adjustment.

Since December, unemployment has risen by nearly 1.3 million—600,000 adult men, 425,000 adult women, and 225,000 teenagers. Of the increase, 60 percent were persons who had lost their last jobs, 20 percent were reentrants to the labor force, and 10 percent each were persons who had never worked before and jobleavers. All of the April-to-May unemployment increase was among job losers.

Thus far this year, the unemployment rate has risen from 3.5 percent in December to 5.0 percent in May, the sharpest increase for a 5-month span in more than a decade. Most of the current increase has been among full-time workers, although the part-time rate has also risen. The May increase occurred entirely among full-time workers, whose rate rose from 4.4 to 4.7 percent.

The unemployment rate for adult men rose from 3.2 to 3.5 percent between April and May; this rate has risen continuously for the last 6 months. The jobless rate for married men, at 2.6 percent in May, was up from 2.4 percent in April and 1.5 percent a year ago. Rates for both groups of workers equaled levels of early 1965.

After remaining virtually unchanged in April, the unemployment rate for adult women rose from 4.4 to 5.1 percent in May. Although increases in joblessness have not been as great for adult women as for men over this past year, the May rise also brought their rate to early-1965 levels.

The teenage unemployment rate in May moved down from 15.7 to 14.3 percent, primarily among girls. The teenage rate had risen sharply in April, after changing very little in the first 3 months of this year. With the exception of April, the May teenage rate was the highest in more than 4 years.

The jobless rate for workers covered by State unemployment insurance programs was 3.6 percent in mid-May, up from 3.1 percent in mid-April. The May rise of 0.5 percentage point was the sharpest over-the-month increase since November 1959 and followed an increase of 0.4 percentage point in April. At a seasonally adjusted level of 1.9 million in mid-May, the volume of insured unemployment was up 300,000 from mid-April and 900,000 from a year ago.

All of the increase in unemployment in May occurred among white workers, whose jobless rate rose from 4.3 to 4.6 percent. The Negro jobless rate fell from 8.7 to 8.0 percent but was still above the 7.1 rate of March. The ratio of the Negro to white unemployment rates in May was less than 2 to 1, as it had been in 7 out of the last 8 months. The over-the-month increase for whites occurred among adult workers, while the only significant decline for Negroes was among teenagers.

Unemployment rates for craftsmen and operatives rose over the month, as jobless rates in manufacturing and construction increased markedly. Rates in these two industries had been virtually unchanged for the past 3 months. At 5.2 percent, the manufacturing rate was 2 percentage points above its year-ago level, while the unemployment rate in construction—11.9 percent—was double the May 1969 rate.

With unemployment increasing for the fifth consecutive month, the average jobless period lengthened in May. The number of persons who had been unemployed for 5 to 14 weeks rose by 140,000 (seasonally adjusted), and long-term unemployment of 15 weeks or longer edged up for the seventh consecutive month to 610,000. The average (mean) duration of unemployment, which had remained about steady from December to April, was 9.0 weeks in May, slightly above the level of the past 2 years but below the average of most of the preceding decade.

The number of persons who were working part time for economic reasons—such as slack work, material shortages, could find only part-time work, or started or stopped a job within the survey week—fell by 110,000 in May to 2.2 million; however, this followed a jump of 425,000 in April. The percent of labor force time lost by the unemployed and by persons involuntarily working part time rose from 5.1 percent in April to 5.4 percent in May, its highest point since April 1965. (Labor force time lost is a measure of man-hours lost to the economy as a percent of potentially available labor force man-hours.)

Civilian Labor Force and Total Employment

The civilian labor force declined in May, falling by 320,000 to 85.8 million, after seasonal adjustment. All of the decline occurred among adult women, particularly those in the part-time labor force. The May labor force decline followed substantial rises in the December-March period. Although the labor forces for adult men and teenagers were still above December levels (by 650,000 and 310,000, respectively), that for adult women has fallen back to the December level.

Total employment, instead of increasing substantially as it usually does from April to May, decreased and, after seasonal adjustment, was down 475,000 to 78.4 million. All of the decline occurred in nonagricultural employment.

Industry Payroll Employment

Nonagricultural payroll employment increased less than it usually does in May, and, after seasonal adjustment, was down by 270,000. Increased strike activity, mainly in contract construction and manufacturing, accounted for about 100,000 of this drop. (Workers on strike are not counted as employed in the payroll employment series, whereas they are classified as “employed—with a job but not at work” in the household series.)

As in recent months, the April-to-May cut-back in employment occurred largely among the manufacturing industries. Since September, employment in manufacturing has declined by 700,000. In contrast, employment in the service-producing industries has increased by 1.0 million during the same period. Beginning in March, however, employment gains posted in the service-producing industries have been very small and were due mostly to Federal government hiring of temporary Census workers.

The May decline of 225,000 (seasonally adjusted) in manufacturing reflected widespread decreases among both durable and nondurable goods industries. Employment in durable goods fell by 130,000, while the nondurable goods industries posted their first sizeable over-the-month decline (90,000) since manufacturing employment began its current reductions. In durable goods, cutbacks of about 20,000–25,000 occurred in the electrical equipment, primary metals, machinery, and fabricated metal products industries. Within nondurable goods, the largest decline occurred in the rubber products industry—35,000—due entirely to a strike.

Contract construction payrolls declined by 80,000 in May, after seasonal adjustment, with three-fourths of the drop accounted for by increased strike activity. Employment in this

industry was about unchanged from a year ago, after allowance for strikes.

Payroll employment in trade fell slightly in May, the third consecutive small monthly decline. State and local government employment rose by 40,000, partially due to the return of strikers. There was little change in the other service-producing industries.

Hours of Work

The workweek for all rank-and-file workers on private nonfarm payrolls inched down to 37.2 hours, seasonally adjusted, in May. Since early fall, average weekly hours have gradually drifted downward, with the decline totaling 0.6 hour.

In manufacturing, average weekly hours edged down by 0.1 hour, seasonally adjusted, between April and May. Since December, the average factory workweek has fallen by over three-fourths of an hour. Over-the-month declines were concentrated in the nondurable goods industries, with the largest drops registered in textiles and rubber products and in machinery.

Factory overtime continued its downward trend of recent months, falling by 0.1 hour in May to 2.9 hours (seasonally adjusted). The decline reflected reduced overtime hours in non-

durable goods. Since May a year ago, factory overtime hours have dropped by 0.8 hour.

The only industry to post a substantial gain in the workweek in May was transportation and public utilities. At 40.5 hours after seasonal adjustment, the average workweek increased by 0.3 hour between April and May. (Beginning with this issue of Employment and Earnings, separate data on the transportation and public utilities and service industries have been added to the series on hours and earnings. See tables C-1, C-2, and C-7.)

Earnings

Average hourly earnings for production and nonsupervisory workers on private payrolls rose by 2 cents in May to \$3.20. Compared with a year ago, hourly earnings were up by 19 cents, or 6.3 percent.

Average weekly earnings increased \$1.06 between April and May to \$118.72. Compared with May 1969, weekly earnings have advanced by \$5.24, or 4.6 percent. Among the major industries, gains were posted in all industries except finance, insurance, and real estate.

Over the year ending in April 1970, average weekly earnings rose by 5.3 percent; after adjustment for consumer price changes, however, earnings were down by 0.7 percent.

Chart 1.

LABOR FORCE AND EMPLOYMENT

1957 to date
(Seasonally adjusted)

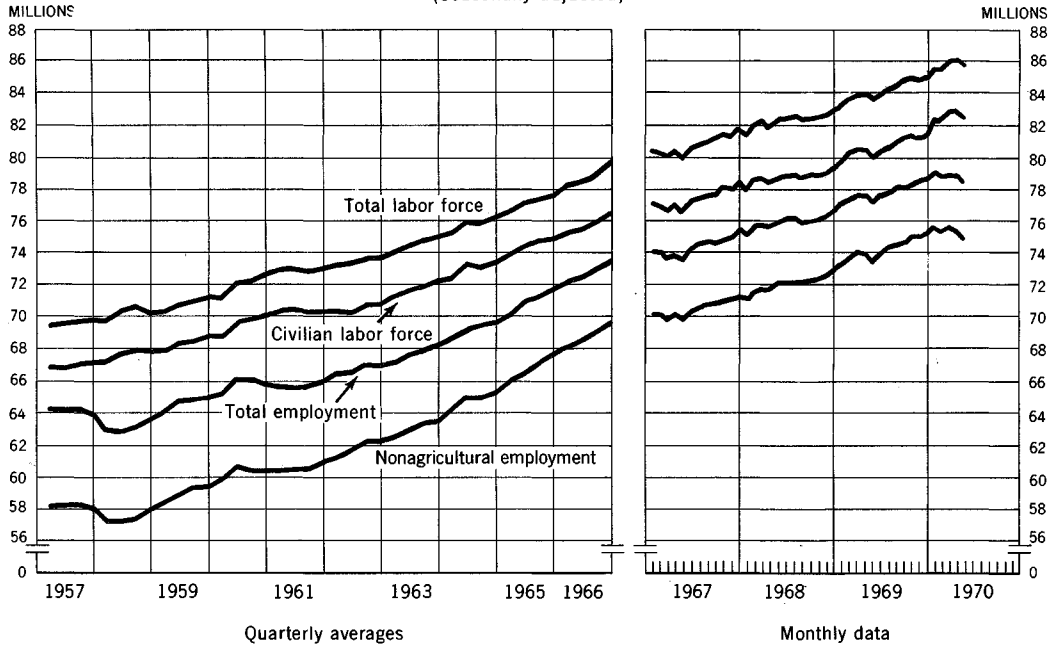
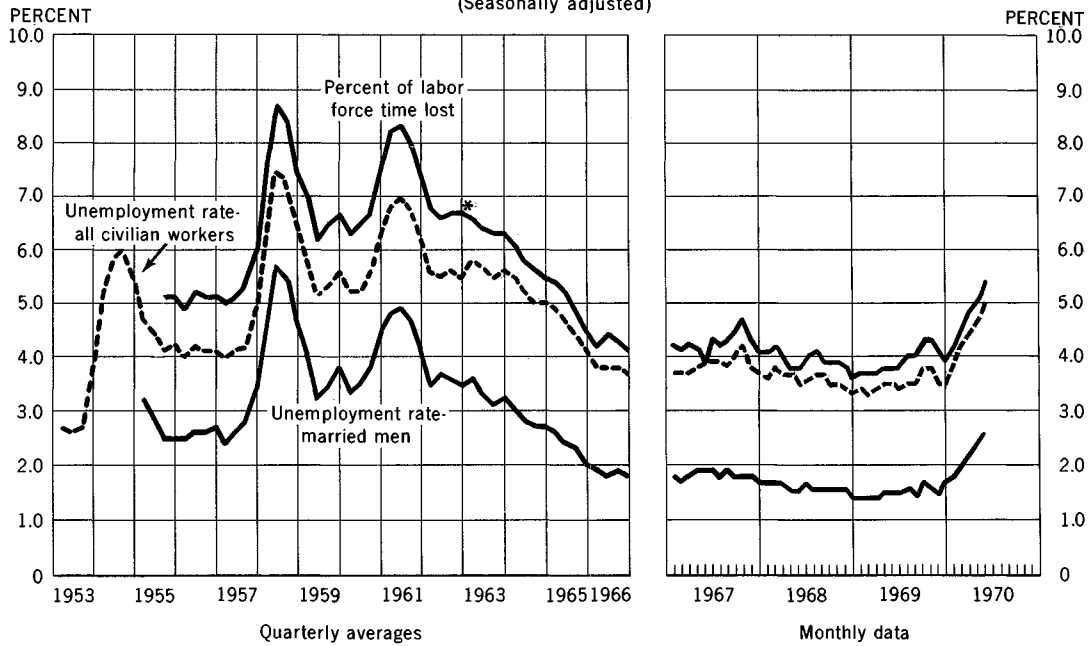


Chart 2.

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.

UNEMPLOYMENT RATES BY AGE AND SEX

1953 to date
(Seasonally adjusted)

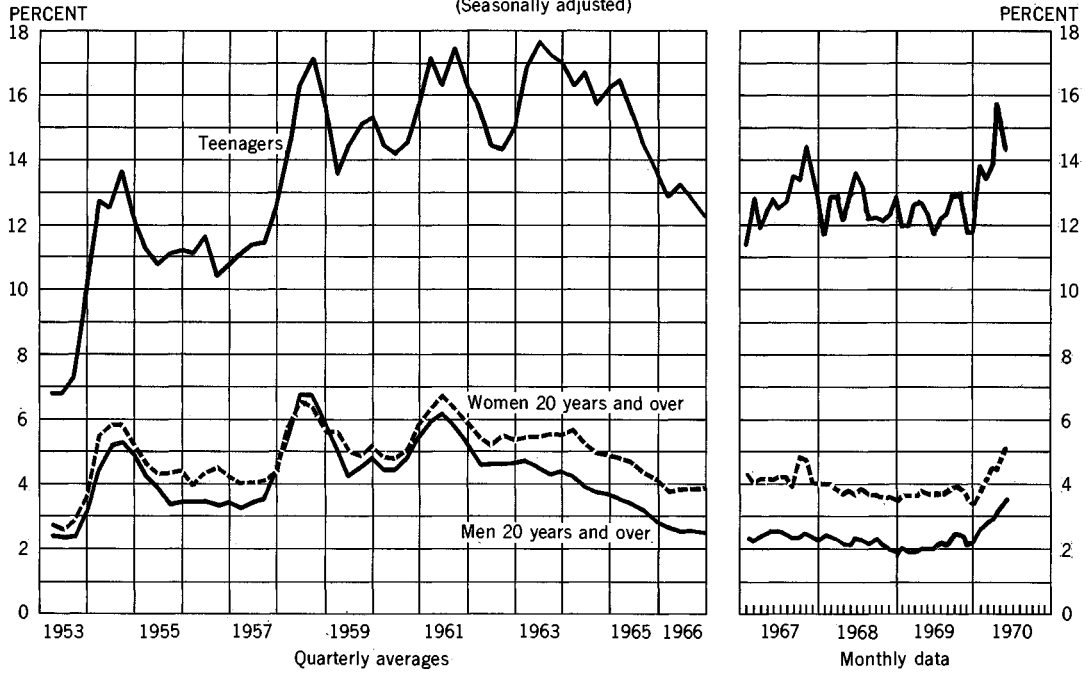


Chart 4.

TOTAL UNEMPLOYMENT BY DURATION

1953 to date
(Seasonally adjusted)

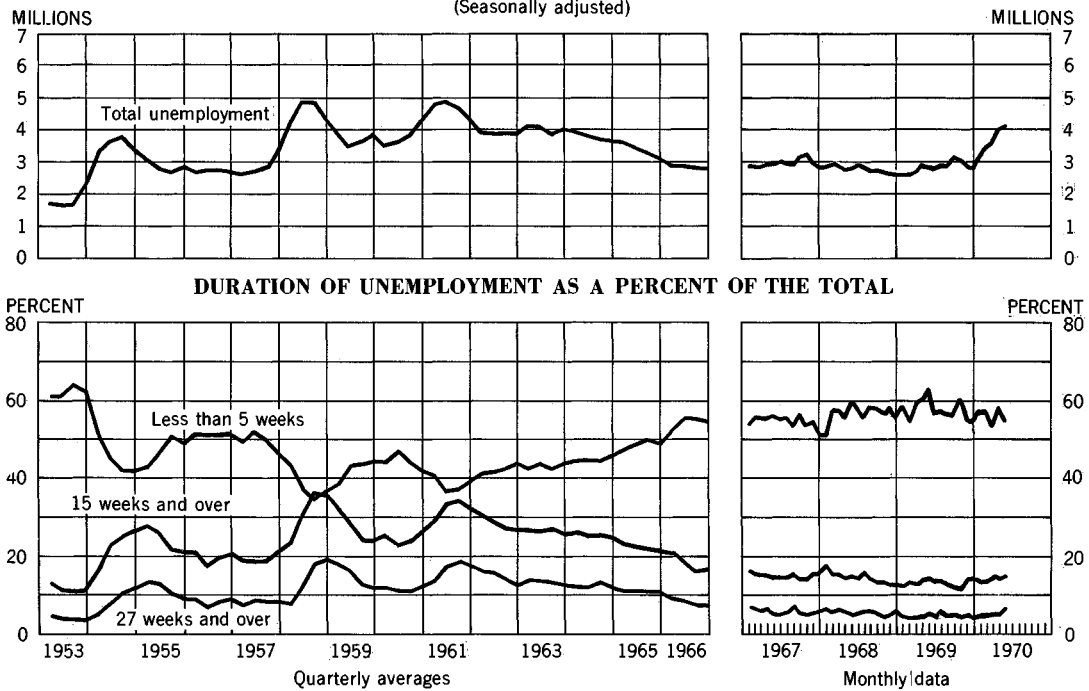
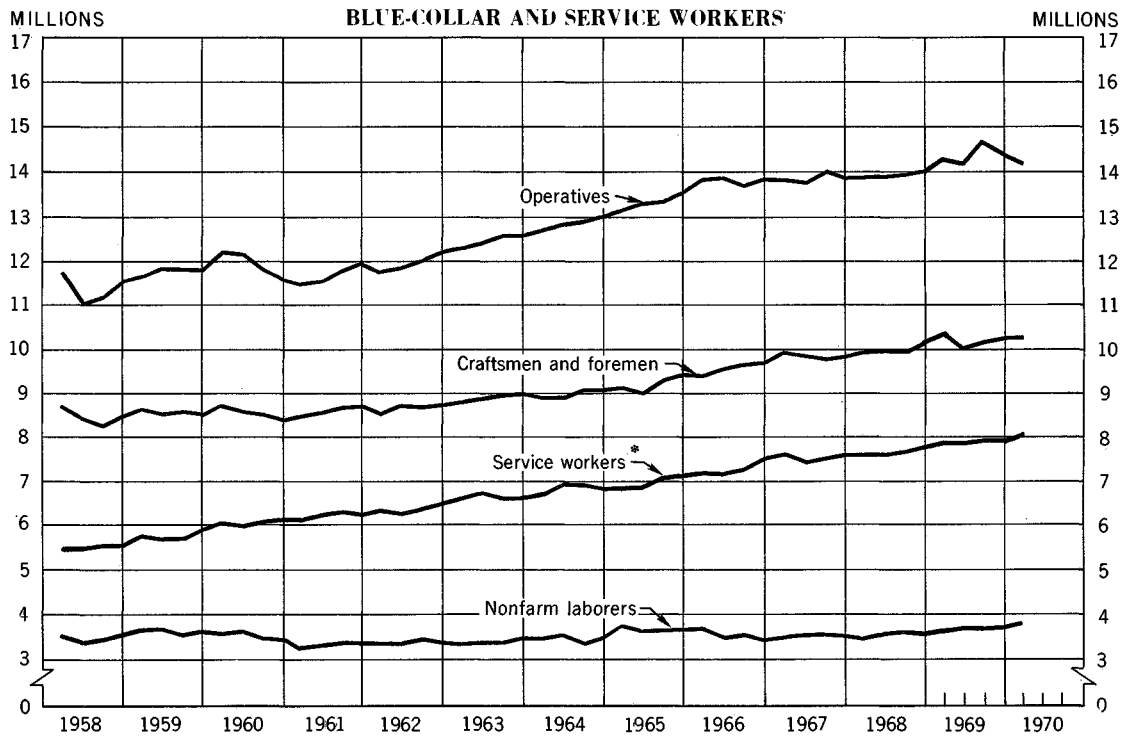
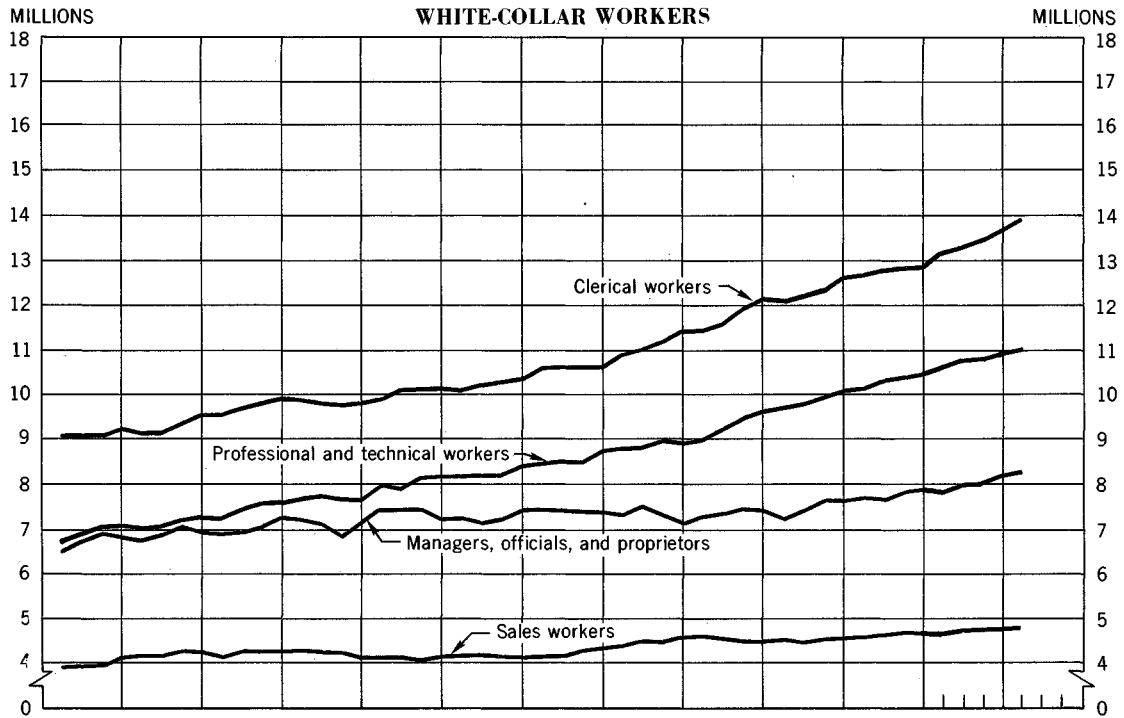


Chart 5.

EMPLOYMENT IN NONFARM OCCUPATIONS

1958 to date
(Seasonally adjusted quarterly averages)



* Excludes household workers.

Chart 6.

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

1957 to date
(Seasonally adjusted quarterly averages)

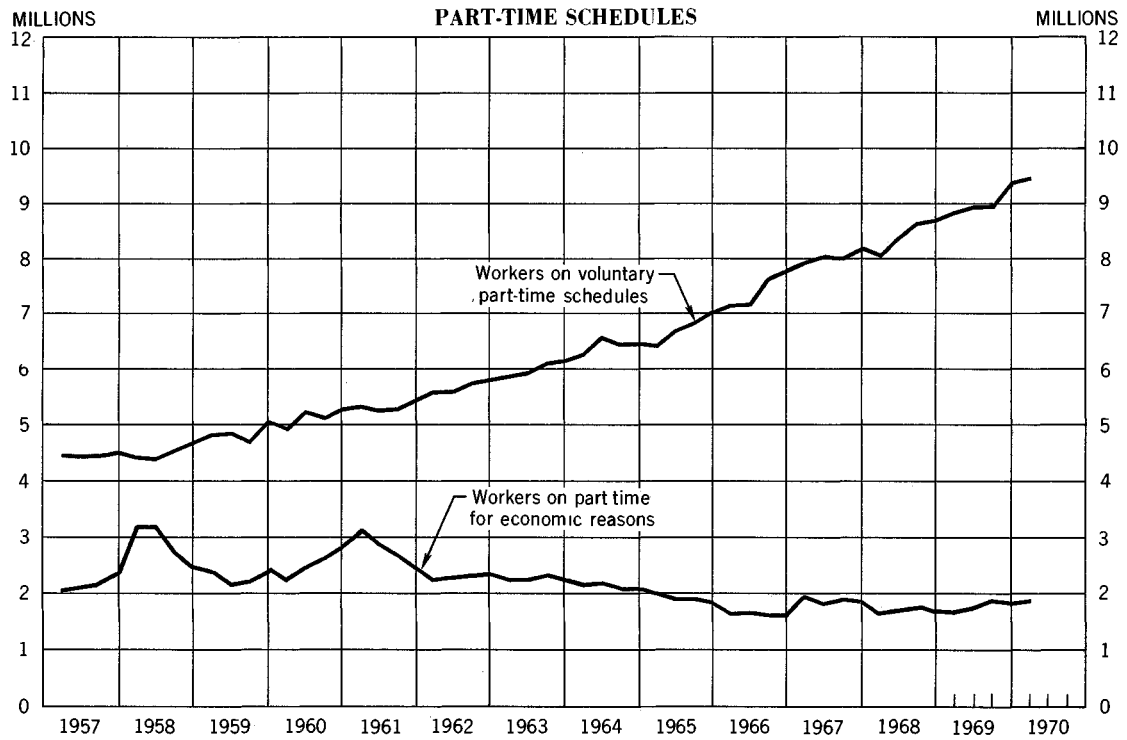
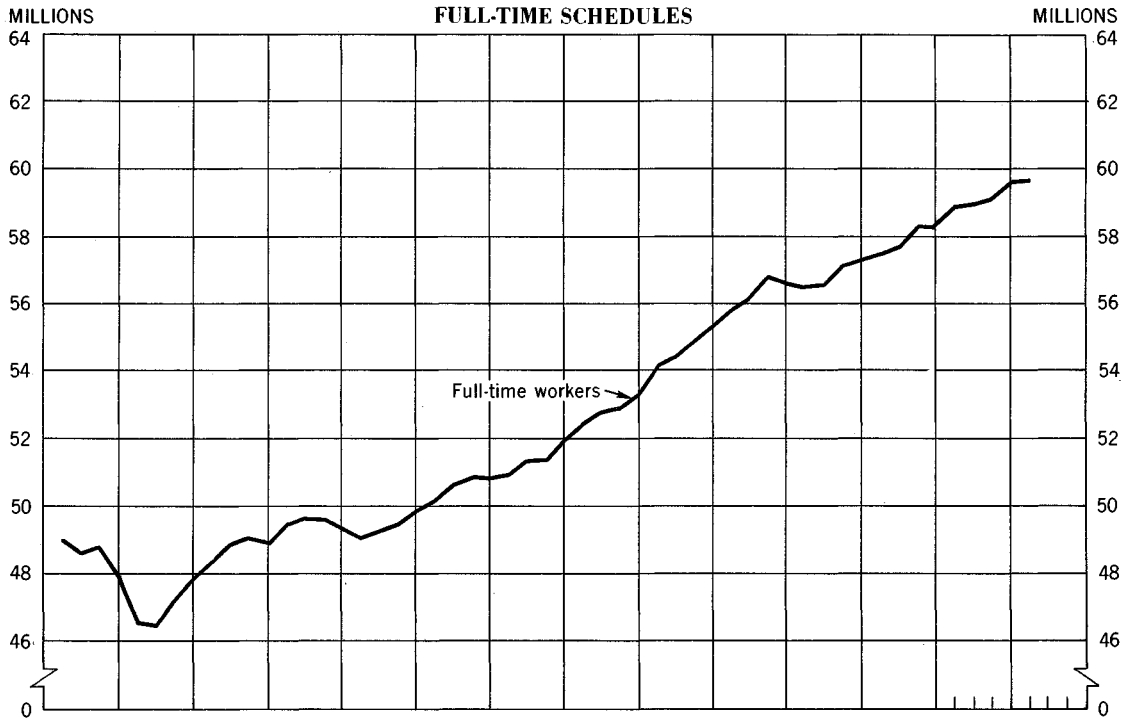


Chart 7.

UNEMPLOYMENT RATES BY OCCUPATION

1958 to date

(Seasonally adjusted quarterly averages)

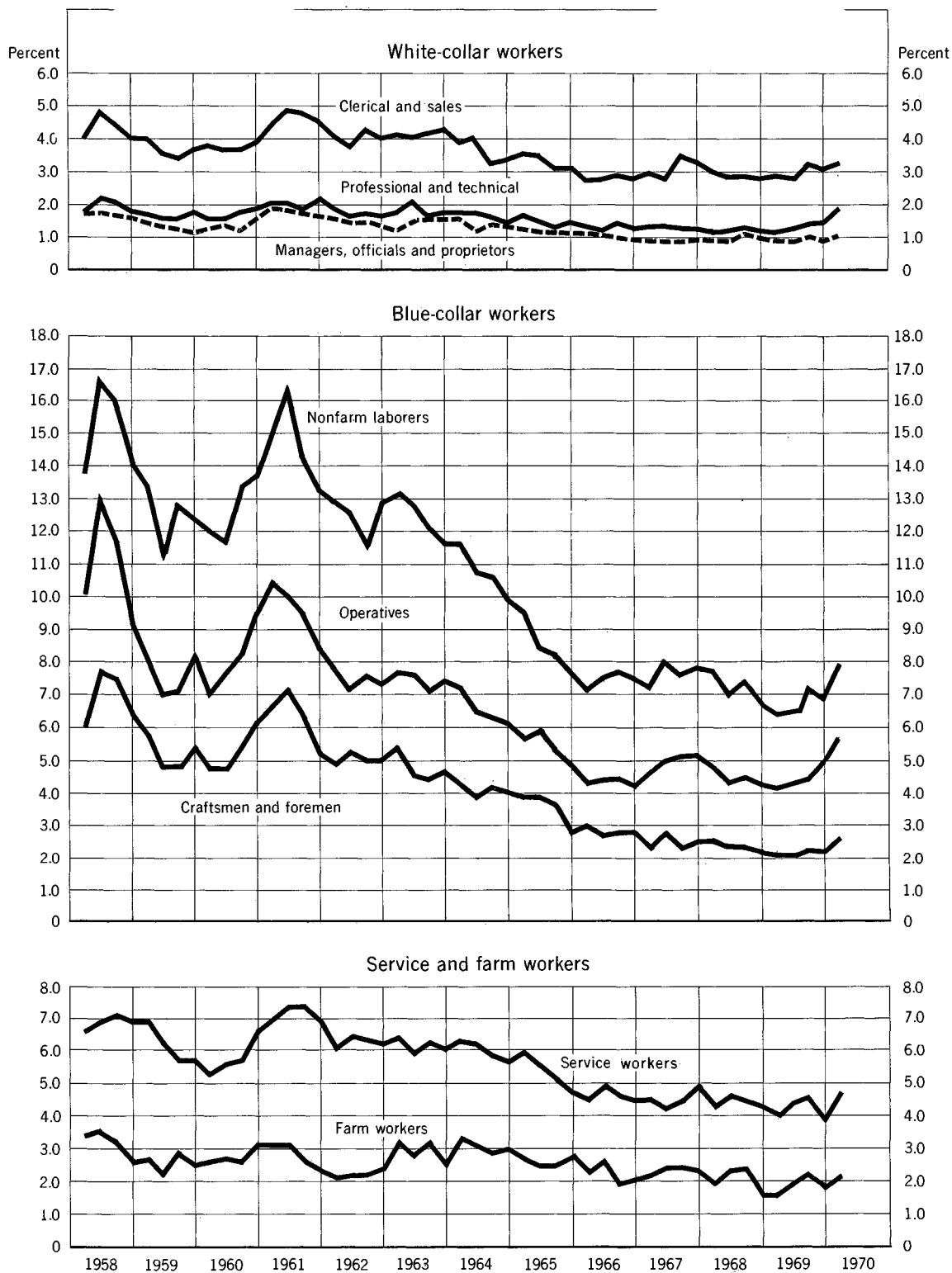


Chart 8.

UNEMPLOYMENT RATES BY COLOR

1957 to date

(Seasonally adjusted quarterly averages)

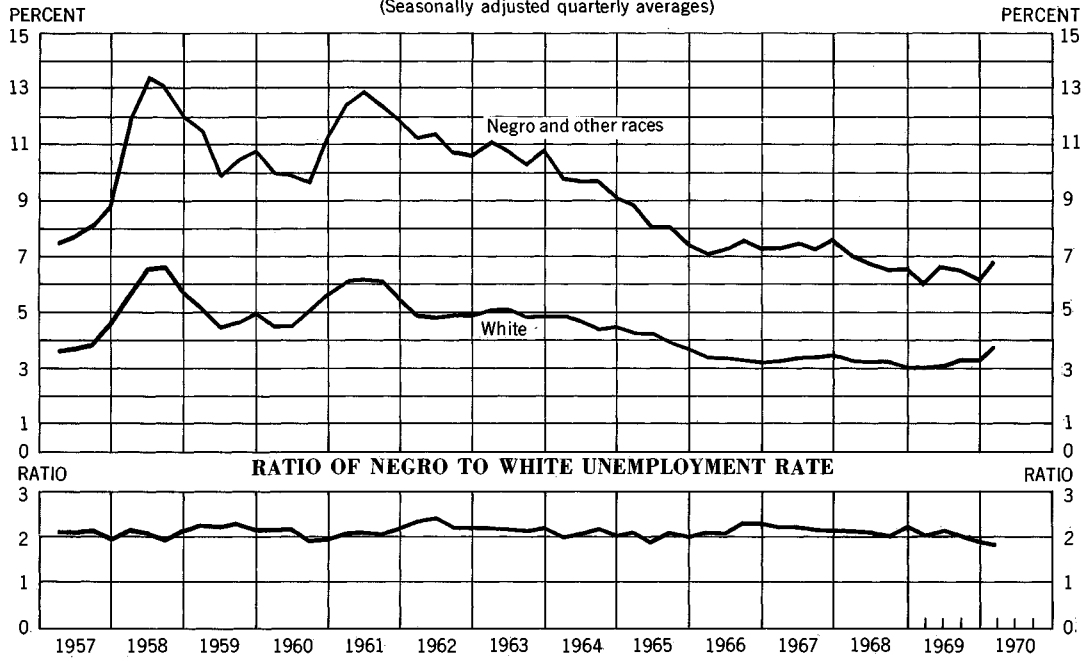
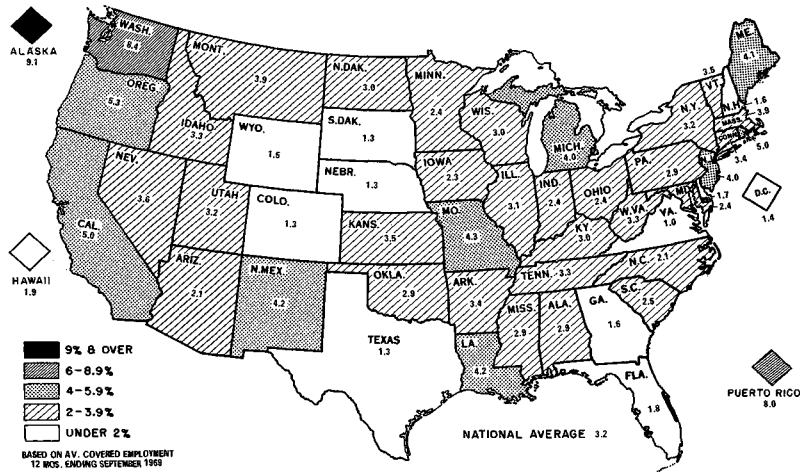


Chart 9.

STATE INSURED UNEMPLOYMENT RATES

Week ending May 16, 1970

(Not seasonally adjusted)



Insured jobs 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 1969 Benchmark Levels

*by Carol Utter

The employment estimates from the Bureau of Labor Statistics establishment payroll survey have been adjusted to reflect complete employment counts as of March 1969. These adjustments affect most of the published series and in general mean that the employment series have been revised back to March 1968 (the previous complete count) and forward to the current month's estimate. Estimates of hours and earnings and labor turnover, which are weighted by employment estimates, may also be revised as a result of the changes in employment levels.

The March 1969 total benchmark count of 69 million workers on nonagricultural payrolls was 128,000 or 0.2 percent higher than the original estimate. The adjustments amounted to less than 1 percent for all major divisions except mining, which was revised by 1.5 percent. (See table 1.)

Benchmarks are an integral part of the Bureau of Labor Statistics establishment survey program. They provide a precise measure of the employment level. The monthly reports submitted by a sample of employers estimate 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.

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 the 201 three-digit categories published, the employment estimates for only 17

were revised by 5 percent or more. The distribution of the 201 industry groups, by employment-size class and by percentage adjustment required, illustrates the tendency for the percent change to vary inversely with the size of employment. (See table 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 1969 estimates and benchmark levels for the major industry groups in manufacturing appear in table 3. Of the 21 major groups in this division, 19 were revised by less than 2 percent. Revisions were somewhat larger for some of the 4-digit component industries, but two-thirds of these differed by less than 3 percent, and only 12 percent differed 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. Derived from a sample of approximately 160,000 reports, the BLS establishment series 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

*Of the Division of Industry Employment Statistics.

Table 1. Comparison of BLS nonagricultural employment estimates with benchmarks by industry division, March 1969

(Employment in thousands)				
Industry division	Benchmark	Estimate	Differences Between Benchmark and Estimates	
			Amount	Percent
Total -----	69,022	68,894	-128	-0.2
Mining -----	601	610	9	1.5
Contract construction -----	3,107	3,077	-30	-1.0
Manufacturing -----	20,017	19,978	-39	-.2
Durable goods -----	11,847	11,841	-6	-.1
Nondurable goods -----	8,170	8,137	-33	-.4
Transportation and public utilities -----	4,328	4,346	18	.4
Wholesale and retail trade -----	14,200	14,201	1	$\frac{1}{}$
Wholesale trade -----	3,650	3,678	28	.8
Retail trade -----	10,550	10,523	-27	-.3
Finance, insurance, and real estate -----	3,489	3,490	1	$\frac{1}{}$
Services -----	11,012	10,913	-99	-.9
Government -----	12,268	12,279	11	.1
Federal -----	2,737	2,737	0	0
State and local -----	9,531	9,542	11	.1

$\frac{1}{}$ Less than 0.05 percent.

Table 2. Distribution of 3-digit SIC industries by size of industry, and percent difference between BLS estimates and March 1969 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	26	38	58	79
0-0.9-----	76	9	7	24	36
1.0-2.9-----	82	4	20	26	32
3.0-4.9-----	26	9	7	3	7
5.0 and over---	17	4	4	5	4

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.

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 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 1968 and 1969, the rate of entry of new firms into manufacturing and service industries was slightly greater than anticipated.

Table 3. Comparison of manufacturing employment estimates with benchmarks by major industry group, March 1969

(Employment in thousands)				
Major group	Benchmark	Estimate	Difference between benchmark and estimates	
			Amount	Percent
Manufacturing -----	20,017	19,978	-39	-0.2
Durable goods -----	11,847	11,841	-6	-0.1
Ordnance and accessories -----	334.8	345.5	10.7	3.2
Lumber and wood products -----	600.7	594.2	-6.5	-1.1
Furniture and fixtures -----	481.7	490.6	8.9	1.8
Stone, clay, and glass products -----	641.9	646.6	4.7	.7
Primary metal industries -----	1,341.5	1,333.3	-8.2	-.6
Fabricated metal products -----	1,429.4	1,441.1	11.7	.8
Machinery, except electrical -----	2,022.4	2,005.2	-17.2	-.9
Electrical equipment and supplies -----	2,001.3	2,025.9	24.6	1.2
Transportation equipment -----	2,089.6	2,057.8	-31.8	-1.5
Instruments and related products -----	475.5	469.3	-6.2	-1.3
Miscellaneous manufacturing -----	427.9	431.0	3.1	.7
Nondurable goods -----	8,170	8,137	-33	-.4
Food and kindred products -----	1,707.2	1,706.7	-.5	(1)
Tobacco manufactures -----	75.8	75.6	-.2	-.3
Textile mill products -----	1,002.6	992.1	-10.5	-1.0
Apparel and other textile products -----	1,422.1	1,426.5	4.4	.3
Paper and allied products -----	703.1	707.3	4.2	.6
Printing and publishing -----	1,083.8	1,077.0	-6.8	-.6
Chemicals and allied products -----	1,054.9	1,043.2	-11.7	-1.1
Petroleum and coal products -----	182.9	183.9	1.0	.5
Rubber and plastics products, n. e. c -----	588.9	575.8	-13.1	-2.2
Leather and leather products -----	348.4	348.5	.1	(1)

¹ Less than 0.05 percent.

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 1965 is presented in table 4.

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

new benchmark are revised by projecting the new level forward to the current month using the sample trend. The latter part of the revision is then subject to change when the March 1970 benchmarks are established.

Table 4. Nonagricultural employment estimates by industry division, as a percent of the benchmark, 1965-69

Industry division	1969	1968	1967	1966	1965
Total -----	99.8	100.4	100.0	99.9	99.5
Mining -----	101.5	101.7	99.5	100.5	99.5
Contract construction -----	99.0	99.5	101.6	99.7	100.9
Manufacturing -----	99.8	99.8	99.5	99.4	99.8
Transportation and public utilities -----	100.4	100.7	99.8	99.8	100.1
Wholesale and retail trade -----	100.0	100.3	100.7	100.1	99.4
Finance, insurance, and real estate -----	100.0	99.2	100.2	99.6	100.7
Services -----	99.1	99.2	99.8	100.3	97.9
Government -----	100.1	102.8	100.0	100.0	99.8

Benchmark Source Material

The most important sources of benchmark information are the tabulations by industry and employment-size group of reporting units, for the first quarter of the calendar year, compiled annually by the Manpower Administration. 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 28 States (as of January 1969) 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 re-

viewed 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 1969 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 1960 forward), whereas the unadjusted series are unchanged prior to April 1968. The changes in the seasonally adjusted levels for the earlier years, however, may be attributed largely to differences due to rounding.

The BLS seasonal factor method was designed for time series with steady or slowly changing seasonal patterns and therefore does not reflect adequately abrupt shifts in seasonality such as those experienced by the transportation equipment industry. The major seasonal movement in this industry is caused by the model change-over activities in the automobile industry which, based on administrative decisions, may shift the closing of plants backward and forward each year by a few weeks or months. Consequently, the seasonally adjusted employment series for transportation equipment has not always reflected the proper cyclical trends. In order to provide more reasonable current seasonally adjusted estimates, the Bureau is introducing an improvement in its method of seasonally adjusting the employment and production worker series for this industry during the months generally affected by model changeover (July, August, and/or September), which will remove the effect of the plant closings for retooling. The historical data have been revised back to 1954 using a comparable method. Similar special adjustments have been used for many years in seasonally adjusting

the employee series for retail trade (to compensate for the shifting date of Easter) and for Federal Government (to remove the effect of the Christmas post office temporaries, whose number is determined by administrative decision each year).

The revised seasonally adjusted series reflect experience through February 1970. Seasonal factors for use in current adjustment are presented on page . 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.

New Series Published

This issue of Employment and Earnings introduces nonsupervisory worker, hours, and earnings series for the transportation and public utilities and services divisions. This means that hours and earnings estimates will be available for all divisions in the private nonagricultural economy. The new series appear in tables B-2 (production workers), C-1, C-2, and C-7 (hours and earnings).

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 (1968) benchmarks with estimates revised to March 1969 benchmarks, for selected major industries, March 1969

Major industry group	Average weekly hours			Average hourly earnings			Labor turnover accession rates (per 100 employees)		
	Revised estimate	Previous estimate	Difference	Revised estimate	Previous estimate	Difference	Revised estimate	Previous estimate	Difference
Total private -----	37.6	37.6	0	2.97	2.97	0	-	-	-
Mining -----	42.1	42.2	-.1	3.54	3.52	.02	4.2	4.2	0
Contract construction -----	37.1	37.2	-.1	4.64	4.62	.02			
Manufacturing -----	40.7	40.7	0	3.13	3.13	0	4.4	4.4	
Durable goods -----	41.4	41.4	0	3.32	3.32	0	4.4	4.4	0
Ordnance and accessories -----	40.5	40.6	-.1	3.36	3.38	-.02	3.0	2.9	.1
Lumber and wood products -----	40.7	40.7	0	2.66	2.65	.01	7.0	7.0	0
Furniture and fixtures -----	40.5	40.4	.1	2.56	2.56	0	6.0	6.0	0
Stone, clay, and glass products -----	41.7	41.7	0	3.11	3.10	.01	5.4	5.4	0
Primary metal industries -----	42.0	42.0	0	3.71	3.71	0	3.9	3.9	0
Fabricated metal products -----	41.6	41.6	0	3.29	3.28	.01	5.1	5.0	.1
Machinery, except electrical--	43.0	43.0	0	3.52	3.52	0	3.5	3.5	0
Electrical equipment and supplies -----	40.6	40.6	0	3.04	3.04	0	3.8	3.9	-.1
Transportation equipment -----	41.2	41.2	0	3.82	3.82	0	4.0	4.0	0
Instruments and related products -----	40.7	40.7	0	3.10	3.10	0	3.3	3.3	0
Miscellaneous manufacturing industries -----	39.2	39.1	.1	2.61	2.61	0	6.4	6.5	-.1
Nondurable goods -----	39.7	39.7	0	2.85	2.85	0	4.5	4.5	0
Food and kindred products -----	40.3	40.3	0	2.93	2.93	0	5.4	5.4	0
Tobacco manufactures -----	35.6	35.6	0	2.66	2.66	0	2.0	2.0	0
Textile mill products -----	41.0	40.9	.1	2.29	2.29	0	5.0	5.0	0
Apparel and other textile products -----	36.3	36.3	0	2.29	2.29	0	5.3	5.3	0
Paper and allied products -----	43.0	43.0	0	3.15	3.15	0	3.9	3.9	0
Printing and publishing -----	38.3	38.3	0	3.63	3.63	0	3.5	3.5	0
Chemicals and allied products -----	41.8	41.7	.1	3.38	3.38	0	2.7	2.7	0
Petroleum and coal products --	42.7	42.7	0	3.94	3.95	-.01	2.6	2.6	0
Rubber and plastics products n. e. c. -----	41.1	41.1	0	3.00	3.00	0	5.5	5.5	0
Leather and leather products --	37.3	37.3	0	2.34	2.34	0	5.2	5.2	0
Trade -----	35.4	35.4	0	2.51	2.51	0			
Finance, insurance, and real estate -----	37.1	37.1	0	2.90	2.89	.01	-	-	-

TABLE 6: EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY—MARCH 1959, and 1961-1969

Industry title	Industry Code	All employees (in thousands)									
		March 1969	March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Total industries ¹		69,022	66,475	64,662	62,285	59,058	56,898	55,289	54,230	52,629	52,019
Mining ¹	10-14	601	584	610	617	618	615	614	645	658	731
Lead and zinc ores	103	9.7	8.9	10.6	11.5	11.6	11.1	9.7	10.8	10.9	12.3
Other metal ores	104-6,8,9	19.7	18.4	18.0	16.9	16.0	15.9	17.3	19.3	21.0	20.6
Anthracite mining	11	5.6	6.1	7.0	8.5	9.4	11.6	11.4	12.1	14.1	18.6
Nonmetallic minerals, exc. fuels, n e c	141,5,7-9	37.9	39.1	40.0	39.5	36.8	35.2	34.8	35.4	36.4	35.8
Contract construction ¹	15-17	3,107	2,981	2,875	2,989	2,795	2,668	2,518	2,480	2,457	2,562
Carpentering and flooring	175	86.5	82.5	77.2	87.8	82.7	81.6	74.6	71.1	68.7	70.8
Concrete work	177	66.0	61.5	55.9	62.7	57.4	60.3	56.9	56.1	48.7	52.3
Other special trade contractors	178,9	312.5	297.2	278.9	279.4	258.0	240.5	225.9	226.5	220.1	221.4
Water well drilling	178	12.4	12.6	12.9	13.8	13.8	13.2	—	—	—	—
Misc. special trade contractors	179	300.1	284.6	266.0	265.6	244.2	227.3	—	—	—	—
Manufacturing ¹	19-39	20,017	19,490	19,355	18,759	17,621	16,968	16,731	16,614	15,915	16,441
Durable goods ¹	19,24,25,32-39	11,847	11,498	11,454	10,995	10,120	9,665	9,477	9,369	8,803	9,296
Ammunition, exc. for small arms, n e c ²	1929	113.6	95.9	68.3	25.4	15.5	20.9	21.0	14.7	9.1	9.5
Sighting and fire control equipment	194	17.0	18.0	14.5	12.6	12.3	15.6	21.0	32.1	33.7	43.6
Other ordnance and accessories	191,3,5,6,9	71.1	64.0	66.6	45.6	39.4	47.7	52.1	53.4	45.5	41.4
Special product sawmills and planing mills	2426,9	37.8	37.5	37.4	39.6	37.9	35.1	33.7	34.2	31.9	35.1
Prefabricated wood structures	2433	20.7	16.9	15.0	18.3	16.0	15.4	12.9	13.3	12.6	12.6
Veneer and plywood containers and cooperage	2443,5	7.3	8.1	8.1	8.0	8.1	8.3	8.6	9.0	9.5	10.6
Other household furniture	2514,9	37.1	36.8	34.7	35.8	35.4	33.3	33.2	32.9	30.1	34.1
Public building furniture	253	30.2	28.4	27.9	27.3	23.2	22.1	20.2	19.6	19.7	20.9
Miscellaneous furniture and fixtures	259	24.6	23.6	23.6	22.9	22.6	21.3	20.1	20.1	19.1	21.9
Products of purchased glass	323	28.0	27.2	22.4	23.0	21.1	19.6	18.9	18.0	16.2	17.0
Clay refractories	3255	14.0	13.6	15.2	14.9	14.3	13.1	12.8	14.7	14.1	16.1
Other structural clay products	3253,9	21.5	21.0	21.3	24.0	23.2	24.8	24.1	23.2	23.6	25.8
Cut stone and stone products	328	16.1	16.4	16.6	17.2	17.9	18.2	17.5	17.5	18.0	18.0
Misc. nonmetallic mineral products	329	122.0	118.3	117.7	116.4	109.0	105.6	100.3	100.0	94.0	104.9
Asbestos products	3292	26.1	25.8	24.9	25.7	23.7	23.2	21.9	23.1	22.4	22.2
Misc. nonmetallic mineral products, n e c	3293,5-7,9	68.6	66.0	65.7	64.4	60.7	58.7	55.1	53.7	50.6	54.3
Steel pipe and tubes	3317	29.3	28.9	27.4	27.1	24.6	22.3	21.1	22.7	21.5	26.6
Other basic steel products	3313,5,6	53.0	51.8	53.0	52.5	52.0	48.8	47.9	50.7	44.0	51.4
Steel wire and related products	3315	21.2	20.7	22.5	21.3	21.0	20.4	—	—	—	—
Cold finishing of steel shapes	3316	19.8	19.7	19.7	18.6	18.7	16.4	—	—	—	—
Primary nonferrous metals	333	67.5	52.1	65.4	60.7	57.8	55.0	52.9	54.0	52.1	57.9
Primary copper	3331	15.0	6.4	16.4	16.0	15.4	15.3	15.4	15.9	14.4	14.9
Primary lead	3332	3.4	1.8	3.4	3.4	3.3	3.2	3.2	3.3	4.8	5.4
Primary zinc	3333	10.3	7.9	10.2	9.6	9.3	8.9	8.7	9.0	7.3	9.8
Primary aluminum ²	3334	29.5	27.3	26.2	23.6	22.2	20.7	18.1	17.9	16.3	19.0
Primary nonferrous metals, n e c	3339	9.3	8.7	9.2	8.2	7.6	6.9	7.5	7.9	9.3	8.8
Secondary nonferrous metals	334	17.8	16.7	16.2	15.5	14.8	13.9	13.8	14.0	12.5	13.2
Nonferrous rolling and drawing, n e c	3356	23.1	24.2	24.1	22.3	19.4	17.7	17.3	17.2	17.3	16.9
Brass, bronze, and copper castings	3362	19.3	18.6	19.1	18.9	17.6	16.6	—	—	—	—
Nonferrous castings, n e c	3369	26.9	24.4	25.3	26.4	22.4	20.4	—	—	—	—
Misc. primary metal products, n e c	3392,9	26.6	25.6	24.4	22.6	19.8	18.8	17.9	18.1	15.6	14.8
Hand and edge tools, n e c	3423	44.6	41.7	43.4	41.5	39.0	36.9	—	—	—	—
Cutlery, hand saws, and saw blades	3421,5	21.4	21.4	22.3	21.2	20.2	18.0	—	—	—	—
Metal sanitary ware	3431	14.6	13.3	12.9	13.8	14.3	14.6	—	—	—	—
Plumbing fittings and brass goods	3432	24.7	23.2	21.9	23.1	22.9	21.7	—	—	—	—
Architectural metal work	3446	27.9	27.1	24.8	25.5	23.6	19.5	—	—	—	—
Miscellaneous metal work	3449	19.4	18.6	17.3	16.6	15.4	15.2	—	—	—	—

See footnotes at end of table.

TABLE 6: EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY—MARCH 1959, and 1961 - 69 - Continued

Industry title	Industry Code	All employees (in thousands)									
		March 1969	March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Durable goods—Continued											
Metal barrels, drums, and pails	3491	13.8	12.8	12.8	11.3	11.1	10.4	10.8	10.8	10.8	10.1
Misc. fabricated metal products, n e c	3492,3,6,7,9	48.0	44.6	46.3	48.1	45.5	43.6	40.4	37.5	32.4	32.0
Construction machinery	3531	129.3	126.8	125.6	122.7	113.9	107.0	—	—	—	—
Mining machinery	3532	25.6	24.7	25.7	25.5	23.7	20.8	—	—	—	—
Elevators and moving stairways	3534	15.2	14.7	15.1	15.8	15.7	15.1	14.2	13.9	13.1	13.3
Conveyors and conveying equipment	3535	25.9	25.1	24.2	23.2	21.3	18.4	—	—	—	—
Hoists, cranes, and monorails	3536	17.6	11.9	16.9	16.3	14.3	13.1	—	—	—	—
Industrial trucks and tractors ²	3537	34.0	32.3	31.3	30.0	25.0	23.4	20.2	19.9	18.7	18.2
Machine tools, metal forming types	3542	25.3	25.8	26.6	25.4	22.7	21.0	—	—	—	—
Metal working machinery, n e c	3548	53.1	52.9	54.0	50.7	48.6	46.5	—	—	—	—
Paper industries machinery	3554	21.5	21.8	23.0	20.9	20.1	19.3	18.6	17.5	16.8	15.8
Other special industry machinery	3553,9	64.1	63.4	67.9	66.1	60.6	57.8	53.8	54.6	51.0	55.6
Blowers and fans ²	3564	31.3	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	64.4	61.2	63.0	60.4	54.1	48.4	47.8	45.7	42.9	39.4
Typewriters	3572	19.6	24.8	25.6	20.4	18.6	18.6	18.9	18.6	20.5	21.6
Calculating and accounting machines	3574	39.9	37.9	40.2	—	—	—	—	—	—	—
Scales, balances, & office machines, n e c	3576,9	31.9	28.1	28.3	26.9	24.8	24.5	24.0	24.8	23.3	22.8
Other service industry machinery	3581,2,6,9	50.3	48.2	47.3	45.2	41.2	39.2	38.7	39.5	36.9	34.5
Carbon and graphite products	3624	13.5	13.4	13.4	12.8	12.2	11.8	11.1	11.2	10.8	10.5
Other electrical industrial apparatus	3623,9	28.2	24.9	25.7	25.0	22.8	20.8	20.3	23.9	22.2	20.6
Sewing machines	3636	8.7	8.5	9.3	8.9	9.1	10.2	9.6	9.5	11.5	10.6
Other household appliances	3631,5,9	45.8	43.9	40.4	38.1	39.0	38.5	36.4	35.7	35.2	37.3
Current-carrying wiring devices	3643	77.3	75.1	80.9	72.5	61.9	54.4	—	—	—	—
Noncurrent-carrying wiring devices	3644	21.1	22.5	21.7	20.4	18.0	17.0	—	—	—	—
Semiconductors	3674	104.5	107.7	96.6	97.5	69.4	48.0	—	—	—	—
Electronic components, n e c	3679	206.3	201.4	219.6	199.6	157.9	147.6	—	—	—	—
Storage batteries	3691	20.7	21.1	22.4	20.5	19.3	17.8	18.0	17.3	15.8	16.1
Primary batteries, dry and wet	3692	13.7	11.8	10.6	10.0	8.5	8.5	8.2	9.5	8.3	9.4
Other misc. electrical machinery	3693,9	20.9	19.0	17.6	16.8	14.6	14.8	15.7	16.7	16.3	16.6
Truck trailers ²	3715	30.4	27.1	27.1	28.5	23.6	22.4	21.2	19.6	15.4	20.1
Locomotives and parts	3741	15.4	16.5	18.4	19.7	19.6	17.1	16.1	15.1	12.8	17.2
Railroad and street cars	3742	35.1	31.7	39.3	40.1	35.5	32.3	27.0	25.2	21.6	22.2
Motorcycles, bicycles, and parts	375	13.8	12.2	11.5	11.1	8.7	9.0	—	—	—	—
Miscellaneous transportation equipment	379	88.2	62.9	50.9	51.3	43.9	38.8	—	—	—	—
Optical instruments and lenses	383	19.6	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	39.2	37.0	36.2	34.4	32.0	30.0	29.7	30.5	28.7	27.6
Silverware and plated ware	3914	14.1	15.0	14.7	14.3	13.0	12.4	11.5	11.4	13.3	15.0
Miscellaneous manufactures	399	142.8	142.6	143.8	144.1	140.6	137.6	134.1	133.9	130.0	136.5
Nondurable goods¹											
Condensed and evaporated milk	20-23,26-31	8,170	7,992	7,901	7,764	7,501	7,303	7,254	7,245	7,112	7,145
Cheese and creamery butter	2023	12.6	13.0	13.7	13.1	13.7	13.4	14.1	14.5	15.2	16.0
Canned specialties	2021,2	32.5	33.9	34.7	34.8	33.7	34.6	36.6	38.7	40.0	39.4
Canned fruits and vegetables	2032	30.3	30.5	29.9	29.6	27.4	27.1	—	—	—	—
Dehydrated and pickled foods	2033	78.9	72.7	76.8	73.6	70.6	66.5	—	—	—	—
Wet corn milling	2034,5	30.8	29.4	29.4	29.6	27.0	27.0	26.9	25.9	26.3	25.6
Other grain mill products	2046	16.8	17.0	17.0	17.1	17.0	17.0	16.8	16.9	16.4	17.2
Raw cane sugar	2043-5	23.9	22.4	22.5	22.4	21.5	21.7	21.6	21.0	20.6	20.8
Cane sugar refining	2061	6.1	9.2	9.0	9.8	10.1	9.9	9.4	8.6	9.1	9.6
Beet sugar	2062	11.5	11.8	11.8	11.6	12.0	12.9	13.2	13.5	14.6	16.3
Chocolate and cocoa prod., chewing gum	2063	11.3	8.8	8.9	9.5	9.2	10.8	7.2	7.0	7.3	7.1
Distilled liquor, except brandy	2072,3	15.7	15.2	15.2	14.2	13.6	15.1	14.6	14.7	14.6	13.5
Other beverages and related prod.	2085	22.8	20.4	21.1	21.6	18.9	19.5	20.1	20.0	20.5	21.3
Vegetable oil mills	2083,4,7	21.1	20.4	20.7	19.5	19.3	18.2	17.3	17.3	17.4	17.8
	2091-3	16.7	16.0	17.7	19.5	19.5	19.7	20.1	20.3	21.3	22.6

See footnotes at end of table.

TABLE 6: EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY—MARCH 1959, and 1961 - 69 – Continued

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

See footnotes at end of table.

TABLE 6: EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY—MARCH 1959, and 1961 - 69 - Continued

Industry title	Industry Code	All employees (in thousands)									
		March 1969	March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Nondurable goods - Continued											
Luggage ²	316	20.7	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	16.6	16.7	17.7	17.6	17.5	17.0	16.8	16.7	16.3	17.5
Leather gloves and mittens	315	5.4	5.3	6.0	5.8	6.3	6.1	-	-	-	-
Industrial belting & leather goods, n.e.c.	312,9	11.2	11.4	11.7	11.8	11.2	10.9	-	-	-	-
Transportation and public utilities ¹	40-49	4,328	4,247	4,200	4,064	3,963	3,869	3,847	3,865	3,846	3,959
Class II railroads	4011-2	12.8	14.5	15.6	15.9	16.5	12.3	13.4	15.0	15.6	17.5
Class I switching and terminal companies	4013-1	22.9	23.9	23.6	24.6	27.3	32.0	33.4	36.2	35.7	42.9
Class II switching and terminal companies	4013-2	12.4	13.4	16.1	16.6	12.9	8.6	8.5	9.0	9.7	10.2
Other passenger transit services	414,5,7	53.5	49.0	45.1	41.6	37.4	33.6	31.3	27.7	25.3	19.0
School busses	415	46.4	41.8	38.4	35.6	31.3	28.3	-	-	-	-
Charter service & bus terminal facilities	414,7	7.1	7.2	6.7	6.0	6.1	5.3	-	-	-	-
Trucking and trucking terminals ²	421,3	970.3	927.5	909.6	888.2	846.5	804.7	793.6	774.2	729.9	725.7
Water transportation ²	44	225.3	230.8	234.5	231.0	237.1	222.3	224.1	220.8	222.4	231.7
Deep sea transportation	441,2	79.1	82.7	86.7	83.2	80.4	82.5	83.2	83.4	84.3	83.3
Great Lakes transportation	443	2.4	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	34.4	34.6	33.8	33.6	32.0	29.8	29.2	29.2	27.6	29.5
Water transportation services	446	109.4	110.5	111.0	111.2	121.3	107.2	109.5	105.4	107.7	114.9
Air transportation services	458	32.4	30.8	27.7	24.1	22.2	21.5	21.4	21.0	20.2	17.2
Transportation services ²	47	102.0	98.2	98.2	90.3	83.6	81.5	79.5	76.8	74.6	68.6
Communication services, n.e.c.	489	15.4	12.6	9.4	7.9	6.3	6.4	4.9	4.3	4.1	1.6
Wholesale and retail trade ¹	50,52-59	14,200	13,622	13,236	12,808	12,242	11,814	11,434	11,213	11,051	10,771
Farm product raw materials	505	89.6	90.0	94.1	93.2	92.4	91.2	91.7	92.3	95.2	91.8
Other general merchandising	534,5,9	319.3	294.4	272.7	256.7	249.6	242.9	227.5	224.9	219.2	202.8
Candy, nut, and confectionery stores	544	28.4	29.1	30.3	28.3	28.2	29.1	28.8	28.4	31.9	34.2
Retail bakeries	546	99.0	97.8	96.8	97.4	96.3	95.4	95.3	93.0	94.2	90.7
Other food stores	545,9	39.3	38.8	40.9	45.3	45.4	46.3	45.2	44.3	45.5	47.3
New and used car dealers	551	728.5	698.1	683.1	691.3	669.3	638.6	620.6	591.9	589.5	602.8
Used car dealers	552	42.1	41.9	41.3	45.0	45.3	44.6	43.2	40.7	41.6	42.1
Women's accessory & spec. stores	563	31.3	30.0	30.7	29.3	29.1	31.2	30.5	32.0	35.2	36.3
Other clothing stores	564,7-9	39.2	38.2	38.5	37.6	36.6	37.6	37.1	36.7	37.4	38.9
Household appliance stores	572	87.5	84.7	83.6	82.5	81.1	80.4	84.1	87.7	89.8	92.4
Radio, television, and music stores	573	78.6	73.2	70.3	65.5	61.0	58.8	58.3	58.7	56.9	55.1
Book and stationery stores ²	594	63.2	60.1	58.2	54.9	52.6	50.5	51.3	51.9	53.1	52.8
Jewelry stores	597	78.8	75.0	71.5	67.1	63.8	62.2	61.7	62.7	63.1	64.1
Other retail stores	592,3,5,9	384.1	364.6	359.2	340.1	321.6	310.8	297.7	292.0	271.3	256.4
Liquor stores	592	78.3	74.8	72.0	68.6	65.7	62.7	-	-	-	-
Antique stores and secondhand stores	593	40.1	40.0	38.9	39.0	37.9	36.1	-	-	-	-
Sporting goods stores & bicycle shops	595	35.6	32.3	29.6	27.0	24.9	23.9	-	-	-	-
Retail stores, n.e.c.	599	230.1	217.5	218.7	205.5	193.1	188.1	-	-	-	-
Finance, insurance, and real estate ¹	60-67	3,489	3,313	3,150	3,058	2,978	2,919	2,832	2,757	2,684	2,548
Other credit agencies	611,3,5,6	63.0	60.2	57.5	58.9	57.3	55.3	51.5	46.9	43.3	36.6
Other insurance carriers	635,6,9	44.3	42.4	39.7	41.9	41.1	43.9	42.9	39.9	38.9	39.6
Subdividers and developers ²	655	76.1	68.2	63.0	62.6	59.9	58.2	54.3	43.0	42.3	39.9
Other real estate dealers	651,3,4	498.3	479.4	465.7	457.6	449.6	435.9	426.0	424.9	412.5	423.8
Real estate operators and lessors	651	356.8	349.6	342.7	333.5	331.3	322.5	-	-	-	-
Agents, brokers, managers, & title abstractors	653,4	141.5	129.8	123.0	124.1	118.3	113.4	-	-	-	-
Combined real estate, insurance, etc.	66	37.4	41.2	44.1	50.7	51.3	51.8	51.7	53.5	54.3	57.2
Holding and other investment companies	67	43.5	34.7	31.8	29.5	27.8	26.9	25.9	22.8	20.7	18.1
Services ¹	70-86,89,99,07-09	11,012	10,375	9,837	9,299	8,850	8,229	8,115	7,816	7,470	6,946
Other lodging places	702-4	67.2	59.6	54.9	56.2	56.2	48.3	46.2	41.4	41.5	40.6

See footnotes at end of table.

TABLE 6: EMPLOYMENT ESTIMATES FOR INDUSTRIES NOT PUBLISHED MONTHLY—MARCH 1959, and 1961 - 69 — Continued

Industry title	Industry Code	All employees (in thousands)									
		March 1969	March 1968	March 1967	March 1966	March 1965	March 1964	March 1963	March 1962	March 1961	March 1959
Services ¹ — Continued											
Photographic studios ²	722	39.7	38.6	37.8	36.2	34.5	33.2	32.7	31.8	32.1	31.7
Beauty shops	723	259.0	253.4	240.8	226.1	209.5	195.5	186.6	168.7	156.6	138.1
Barber shops	724	65.4	67.4	69.1	69.7	71.5	71.5	71.7	73.7	73.6	73.4
Funeral services and crematories	726	61.8	60.3	59.0	57.7	56.7	55.6	54.6	53.0	51.6	47.7
Garment pressing, alteration, repair	727	27.7	29.3	30.2	30.9	31.4	30.0	29.7	31.6	31.5	35.1
Other personal services	725,9	33.0	30.7	28.4	28.3	27.1	26.4	26.8	28.2	28.6	29.6
Duplicating, mailing, stenographic	733	69.1	67.5	66.9	65.0	59.4	58.3	57.8	57.4	54.7	53.0
Services to buildings ²	734	258.3	233.7	217.2	194.0	173.4	156.8	144.8	129.1	116.2	92.7
Other business services	735,6,9	953.3	874.2	822.7	745.3	655.6	591.4	542.7	495.7	447.3	373.2
Private employment agencies	736	52.6	44.6	36.3	32.9	26.4	24.4	—	—	—	—
Other miscellaneous business services	735,9	900.7	829.6	786.4	712.4	629.2	567.0	—	—	—	—
Auto repair, services, and garages	75	363.0	349.9	343.5	334.5	324.4	307.6	296.8	276.8	259.6	239.7
Auto rentals, without drivers	751	56.3	49.6	44.5	40.5	37.5	33.7	29.3	25.2	23.3	19.5
Automobile parking	752	39.7	38.8	37.1	36.4	35.4	34.3	33.9	33.8	33.6	33.2
Auto repair shops and services	753,4	267.0	261.5	261.9	257.6	251.5	239.6	233.6	217.8	202.7	187.0
Automobile repair shops	753	203.6	200.2	198.4	195.0	194.6	189.4	—	—	—	—
Automobile services, except repair	754	63.4	61.3	63.5	62.6	56.9	50.2	—	—	—	—
Miscellaneous repair services ²	76	178.1	173.1	167.2	161.2	151.9	145.8	143.8	138.3	132.4	124.1
Electrical repair shops	762	60.3	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	117.8	113.8	113.1	110.2	103.7	98.5	94.9	91.1	87.5	81.9
Motion picture filming	7813-5	38.6	34.8	34.2	35.4	31.1	27.9	28.9	28.6	32.0	25.2
Motion picture distributing	7816-8	15.2	13.3	16.1	13.1	12.8	12.1	12.4	13.4	15.1	18.3
Amusement & recreation services, nec	79	409.1	393.0	380.6	366.4	354.9	342.0	334.9	318.9	306.9	281.2
Bowling and billiard establishments	793	98.4	98.2	99.1	101.1	103.1	104.7	105.9	101.9	97.9	77.6
Other indoor amusement & recreation	791,2	73.4	71.2	66.7	65.4	68.1	60.0	59.9	60.7	61.5	65.3
Misc. amusement, recreation services	794	237.3	223.6	214.8	199.9	183.7	177.3	169.1	156.2	147.5	138.3
Offices of physicians and surgeons	801	357.5	330.0	312.1	293.5	280.7	269.2	259.2	239.4	218.4	207.1
Offices of dentists, dental surgeons	802	136.7	124.4	116.7	110.1	105.0	100.9	97.2	92.3	83.4	80.0
Other medical services	803,4,7,9	567.5	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	99.7	86.9	80.0	70.8	64.9	64.2	60.6	47.8	46.8	57.8
Museums, botanical, zoological gardens	84	16.4	15.1	14.4	13.8	13.8	9.6	9.6	9.2	9.2	7.9
Nonprofit membership organizations	86	1,650.0	1,581.0	1,497.5	1,447.4	1,417.9	1,423.0	1,393.6	1,374.8	1,342.9	1,247.9
Business associations	861	65.7	63.1	61.9	59.5	57.9	58.0	56.2	54.6	52.2	50.5
Labor organizations	863	124.4	121.7	116.3	113.7	110.1	108.5	107.7	107.9	104.4	101.8
Religious organizations	866	951.5	932.4	910.7	889.7	874.1	853.7	829.7	810.3	791.1	726.8
Charitable organizations	867	268.4	244.5	229.8	218.0	215.5	245.6	245.6	245.6	242.3	217.3
Other nonprofit membership organizations	862,4,5,9	240.0	219.3	178.8	166.5	160.3	157.2	154.4	156.4	152.9	151.5
Other miscellaneous services	893,9	212.5	189.6	162.2	152.4	144.5	138.6	133.9	129.0	123.0	113.1
Accounting, auditing, & bookkeeping	893	191.6	169.9	143.4	134.2	127.2	122.0	—	—	—	—
Services, nec	899	20.9	19.7	18.8	18.2	17.3	16.6	—	—	—	—
Agriculture services, forestry, and fisheries	07-09	161.3	155.0	149.3	151.6	142.6	137.5	131.0	127.8	125.7	119.1
Nonclassifiable establishments	99	29.2	23.5	28.4	21.0	21.6	22.1	19.4	26.0	19.7	53.1
Government ¹	91-93	12,268	11,863	11,399	10,690	9,991	9,574	9,194	8,840	8,548	8,061

¹Includes overall total and industry division totals which are published regularly.
²Monthly data available beginning January 1964.

HOUSEHOLD DATA

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

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

(In thousands)

Year and month	Total noninstitutional population	Total labor force		Civilian labor force						Not in labor force	
		Number	Percent of population	Total	Employed			Unemployed			
					Total	Agriculture	Nonagricultural industries	Number	Percent of labor force		
									Not seasonally adjusted		Seasonally adjusted
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,039	7,891	49,148	2,311	3.9	-	42,477
1948.....	104,527	62,080	59.4	60,621	58,344	7,629	50,713	2,276	3.8	-	42,447
1949.....	105,611	62,903	59.6	61,286	57,649	7,656	49,990	3,637	5.9	-	42,708
1950.....	106,645	63,858	59.9	62,208	58,920	7,160	51,760	3,288	5.3	-	42,787
1951.....	107,721	65,117	60.4	62,017	59,962	6,726	53,239	2,055	3.3	-	42,604
1952.....	108,823	65,730	60.4	62,138	60,254	6,501	53,753	1,883	3.0	-	43,093
1953.....	110,601	66,560	60.2	63,015	61,181	6,261	54,922	1,834	2.9	-	44,041
1954.....	111,671	66,993	60.0	63,643	60,110	6,206	53,903	3,532	5.5	-	44,678
1955.....	112,732	68,072	60.4	65,023	62,171	6,449	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
1969.....	137,841	84,239	61.1	80,733	77,902	3,606	74,296	2,831	3.5	-	53,602
1969: May.....	137,549	83,085	60.4	79,563	77,264	3,894	73,370	2,299	2.9	3.5	54,464
August.....	138,127	86,046	62.3	82,516	79,646	3,977	75,669	2,869	3.5	3.5	52,081
September.....	138,317	84,527	61.1	80,984	78,026	3,629	74,397	2,958	3.7	3.8	53,790
October.....	138,539	85,038	61.4	81,510	78,671	3,561	75,110	2,839	3.5	3.8	53,501
November.....	138,732	84,920	61.2	81,427	78,716	3,322	75,395	2,710	3.3	3.5	53,812
December.....	138,928	84,856	61.1	81,416	78,788	2,984	75,805	2,628	3.2	3.5	54,072
1970: January.....	139,099	84,105	60.5	80,719	77,313	2,915	74,398	3,406	4.2	3.9	54,993
February.....	139,298	84,625	60.8	81,283	77,489	2,994	74,495	3,794	4.7	4.2	54,673
March.....	139,497	85,008	60.9	81,690	77,957	3,171	74,786	3,733	4.6	4.4	54,489
April.....	139,687	85,231	61.0	81,960	78,408	3,531	74,877	3,552	4.3	4.8	54,456
May.....	139,884	84,968	60.7	81,741	78,357	3,725	74,632	3,384	4.1	5.0	54,915

¹Not 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		Percent of labor force	
					Total	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force		
								Not seasonally adjusted	Seasonally adjusted		
MALE											
1947.....	50,968	44,258	86.8	42,686	40,994	6,643	34,351	1,692	4.0	-	6,710
1948.....	51,439	44,729	87.0	43,286	41,726	6,358	35,368	1,559	3.6	-	6,710
1949.....	51,922	45,097	86.9	43,498	40,926	6,342	34,584	2,572	5.9	-	6,825
1950.....	52,352	45,446	86.8	43,819	41,580	6,001	35,578	2,239	5.1	-	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,533	36,248	1,221	2.8	-	6,725
1952.....	53,248	46,416	87.2	42,869	41,684	5,389	36,294	1,185	2.8	-	6,832
1953.....	54,248	47,131	86.9	43,633	42,431	5,253	37,178	1,202	2.8	-	7,117
1954.....	54,706	47,275	86.4	43,965	41,620	5,200	36,418	2,344	5.3	-	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,357	1,854	4.2	-	7,634
1956.....	55,547	47,914	86.3	45,091	43,380	5,039	38,340	1,711	3.8	-	7,633
1957.....	56,082	47,964	85.5	45,197	43,357	4,824	38,532	1,841	4.1	-	8,118
1958.....	56,640	48,126	85.0	45,521	42,423	4,596	37,827	3,098	6.8	-	8,514
1959.....	57,312	48,405	84.5	45,886	43,466	4,532	38,934	2,420	5.3	-	8,907
1960.....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,854	1,403	2.8	-	12,677
1969: May.....	66,241	53,139	80.2	49,657	48,543	3,154	45,388	1,114	2.2	2.7	13,102
November.....	66,757	53,521	80.2	50,067	48,739	2,722	46,017	1,329	2.7	2.9	13,236
December.....	66,845	53,401	79.9	50,000	48,538	2,511	46,027	1,462	2.9	2.9	13,444
1970: January.....	66,919	53,225	79.5	48,877	47,941	2,484	45,458	1,935	3.9	3.3	13,694
February.....	67,009	53,481	79.8	50,178	48,000	2,546	45,454	2,178	4.3	3.6	13,528
March.....	67,098	53,737	80.1	50,460	48,378	2,704	45,674	2,082	4.1	3.6	13,361
April.....	67,183	53,899	80.2	50,667	48,686	2,979	45,708	1,981	3.9	4.2	13,284
May.....	67,271	53,995	80.3	50,807	48,964	3,056	45,908	1,843	3.6	4.4	13,276
FEMALE											
1947.....	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948.....	53,088	17,351	32.7	17,335	16,618	1,271	15,347	717	4.1	-	35,737
1949.....	53,689	17,806	33.2	17,788	16,723	1,314	15,409	1,065	6.0	-	35,883
1950.....	54,293	18,412	33.9	18,389	17,340	1,159	16,182	1,049	5.7	-	35,881
1951.....	54,933	19,054	34.7	19,016	18,182	1,193	16,990	834	4.4	-	35,879
1952.....	55,575	19,314	34.8	19,269	18,570	1,112	17,459	698	3.6	-	36,261
1953.....	56,353	19,429	34.5	19,382	18,750	1,008	17,744	632	3.3	-	36,924
1954.....	56,965	19,718	34.6	19,678	18,490	1,006	17,486	1,188	6.0	-	37,247
1955.....	57,610	20,584	35.7	20,548	19,550	1,184	18,367	998	4.9	-	37,026
1956.....	58,264	21,495	36.9	21,461	20,422	1,244	19,177	1,039	4.8	-	36,769
1957.....	58,983	21,765	36.9	21,732	20,714	1,123	19,591	1,018	4.7	-	37,218
1958.....	59,723	22,149	37.1	22,118	20,613	990	19,623	1,504	6.8	-	37,574
1959.....	60,569	22,516	37.2	22,483	21,164	1,033	20,131	1,320	5.9	-	38,053
1960.....	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,343
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962.....	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	-	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	-	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	-	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	-	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	-	40,976
1969.....	71,476	30,551	42.7	30,512	29,084	643	28,441	1,428	4.7	-	40,924
1969: May.....	71,309	29,946	42.0	29,907	28,721	740	27,982	1,185	4.0	4.8	41,362
November.....	71,976	31,399	43.6	31,359	29,978	600	29,378	1,381	4.4	4.5	40,577
December.....	72,083	31,455	43.6	31,416	30,250	473	29,777	1,166	3.7	4.5	40,629
1970: January.....	72,180	30,881	42.8	30,843	29,372	432	28,940	1,471	4.8	4.8	41,299
February.....	72,289	31,143	43.1	31,105	29,489	448	29,041	1,616	5.2	5.1	41,146
March.....	72,398	31,270	43.2	31,230	29,579	467	29,112	1,651	5.3	5.7	41,128
April.....	72,504	31,332	43.2	31,293	29,722	553	29,169	1,571	5.0	5.7	41,172
May.....	72,613	30,974	42.7	30,934	29,393	669	28,724	1,541	5.0	5.9	41,639

HOUSEHOLD DATA

A - 3: Employment status of the noninstitutional population by sex, age, and color
 May 1970
 (In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
MALE											
16 years and over	53,995	80.3	50,807	48,964	1,843	3.6	13,276	219	4,404	1,561	7,092
16 to 21 years	6,881	62.5	5,515	4,922	593	10.8	4,136	15	3,789	31	301
16 to 19 years	4,134	55.1	3,740	3,300	440	11.8	3,368	12	3,141	24	191
16 and 17 years	1,705	44.1	1,677	1,455	222	13.2	2,159	11	2,049	9	89
18 and 19 years	2,430	66.8	2,063	1,845	219	10.6	1,209	1	1,091	15	102
20 to 64 years	47,609	92.1	44,816	43,475	1,342	3.0	4,088	78	1,264	947	1,798
20 to 24 years	7,196	85.0	5,482	5,099	383	7.0	1,274	5	1,038	22	209
25 to 54 years	33,243	96.0	32,167	31,411	756	2.4	1,403	31	225	501	647
25 to 29 years	6,473	95.6	6,075	5,859	215	3.5	300	2	144	40	113
30 to 34 years	5,430	97.2	5,169	5,061	109	2.1	158	3	44	46	64
35 to 39 years	5,286	97.9	5,042	4,944	98	2.0	115	--	17	51	46
40 to 44 years	5,571	96.5	5,468	5,350	118	2.2	200	8	6	89	97
45 to 49 years	5,581	95.5	5,532	5,416	116	2.1	265	11	10	137	106
50 to 54 years	4,902	93.1	4,881	4,781	100	2.1	366	6	2	137	220
55 to 64 years	7,170	83.6	7,167	6,965	202	2.8	1,412	43	2	426	941
55 to 59 years	4,223	89.6	4,220	4,102	118	2.8	490	22	1	203	264
60 to 64 years	2,947	76.2	2,947	2,863	84	2.8	921	20	1	222	678
65 years and over	2,251	27.9	2,251	2,189	61	2.7	5,820	129	--	589	5,103
65 to 69 years	1,345	43.8	1,345	1,300	45	3.4	1,723	34	--	163	1,527
70 years and over	906	18.1	906	890	16	1.8	4,097	95	--	426	3,576
White											
16 years and over	48,575	80.7	45,684	44,140	1,545	3.4	11,628	178	3,743	1,248	6,459
16 to 21 years	6,110	63.8	4,861	4,380	482	9.9	3,462	10	3,193	19	240
16 to 19 years	3,710	57.0	3,346	2,975	371	11.1	2,796	8	2,625	14	149
16 and 17 years	1,564	46.8	1,538	1,339	199	12.9	1,781	8	1,699	7	67
18 and 19 years	2,145	67.9	1,808	1,636	172	9.5	1,016	--	926	7	82
20 to 64 years	42,832	92.5	40,305	39,182	1,123	2.8	3,477	62	1,118	748	1,549
20 to 24 years	6,331	85.0	4,763	4,461	303	6.4	1,120	3	924	15	178
25 to 54 years	29,931	96.4	28,976	28,335	641	2.2	1,111	22	193	369	528
25 to 34 years	10,618	96.7	10,034	9,773	261	2.6	366	4	163	70	128
35 to 44 years	9,758	97.6	9,452	9,267	184	1.9	243	3	19	101	120
45 to 54 years	9,556	95.0	9,490	9,294	195	2.1	503	14	11	198	280
55 to 64 years	6,569	84.1	6,566	6,387	179	2.7	1,245	36	2	364	843
55 to 59 years	3,865	90.3	3,862	3,766	96	2.5	417	19	1	169	228
60 to 64 years	2,704	76.5	2,703	2,621	83	3.1	828	18	1	194	615
65 years and over	2,033	27.5	2,033	1,982	51	2.5	5,355	108	--	486	4,761
Negro and other races											
16 years and over	5,420	76.7	5,123	4,824	298	5.8	1,648	41	661	313	633
16 to 21 years	772	53.4	654	543	111	17.0	674	5	596	12	61
16 to 19 years	425	42.6	394	325	70	17.7	572	4	515	10	42
16 and 17 years	140	27.1	139	116	23	16.4	378	4	350	2	22
18 and 19 years	280	59.5	255	208	47	18.4	194	1	165	8	20
20 to 64 years	4,778	88.7	4,511	4,292	219	4.9	611	16	146	200	249
20 to 24 years	865	84.9	718	638	80	11.2	154	1	114	7	32
25 to 54 years	3,312	91.9	3,192	3,076	115	3.6	290	8	32	132	119
25 to 34 years	1,285	93.4	1,210	1,147	63	5.2	91	1	25	16	49
35 to 44 years	1,099	93.9	1,059	1,026	32	3.0	72	4	5	39	24
45 to 54 years	928	87.9	924	903	20	2.2	128	3	2	77	47
55 to 64 years	601	78.3	601	578	23	3.8	166	6	--	62	98
55 to 59 years	358	83.0	357	336	22	6.1	74	4	--	34	36
60 to 64 years	243	72.4	243	242	1	.5	93	3	--	28	63
65 years and over	217	31.9	217	208	10	4.6	465	21	--	102	342

HOUSEHOLD DATA

A- 3: Employment status of the noninstitutional population by sex, age, and color--Continued
May 1970
(In thousands)

Sex, age, and color	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
FEMALE											
16 years and over	30,974	42.7	30,934	29,393	1,541	5.0	41,639	34,804	4,492	876	1,467
16 to 21 years	4,829	44.6	4,810	4,326	484	10.1	5,997	1,702	4,106	23	166
16 to 19 years	2,910	39.6	2,900	2,565	335	11.6	4,442	766	3,561	12	102
16 and 17 years	1,151	30.4	1,151	1,005	146	12.7	2,630	196	2,391	1	43
18 and 19 years	1,759	49.3	1,749	1,560	189	10.8	1,812	571	1,170	12	59
20 to 64 years	27,028	49.7	26,997	25,831	1,166	4.3	27,362	25,423	917	295	726
20 to 24 years	4,742	56.3	4,724	4,385	338	7.2	3,687	2,789	751	20	128
25 to 54 years	18,145	49.9	18,133	17,423	710	3.9	18,187	17,503	161	162	361
25 to 29 years	3,096	45.0	3,092	2,935	157	5.1	3,777	3,623	64	19	71
30 to 34 years	2,587	44.9	2,584	2,463	122	4.7	3,179	3,079	38	18	43
35 to 39 years	2,756	49.1	2,755	2,648	107	3.9	2,854	2,769	28	17	40
40 to 44 years	3,225	53.0	3,224	3,108	115	3.6	2,862	2,782	15	20	45
45 to 49 years	3,436	54.7	3,435	3,307	128	3.7	2,845	2,731	10	33	72
50 to 54 years	3,044	53.3	3,044	2,962	82	2.7	2,671	2,520	7	55	89
55 to 64 years	4,142	43.0	4,141	4,023	118	2.9	5,487	5,131	5	114	237
55 to 59 years	2,546	49.0	2,546	2,468	78	3.1	2,646	2,500	2	48	96
60 to 64 years	1,596	36.0	1,596	1,555	40	2.5	2,841	2,632	3	65	141
65 years and over	1,036	9.5	1,036	997	39	3.8	9,835	8,614	14	568	639
65 to 69 years	635	17.1	635	613	22	3.4	3,073	2,843	4	65	161
70 years and over	401	5.6	401	384	17	4.3	6,762	5,771	10	503	478
White											
16 years and over	27,014	41.9	26,978	25,740	1,238	4.6	37,525	31,751	3,804	688	1,282
16 to 21 years	4,258	45.6	4,241	3,881	360	8.5	5,072	1,447	3,479	18	128
16 to 19 years	2,613	41.3	2,604	2,346	259	9.9	3,714	635	2,996	9	73
16 and 17 years	1,057	32.5	1,057	939	118	11.2	2,194	163	1,996	--	35
18 and 19 years	1,556	50.6	1,547	1,407	140	9.1	1,520	472	1,000	9	38
20 to 64 years	23,472	48.7	23,444	22,502	940	4.0	24,722	23,078	793	224	626
20 to 24 years	4,121	56.1	4,104	3,862	242	5.9	3,227	2,451	654	16	107
25 to 54 years	15,616	48.6	15,605	15,008	597	3.8	16,484	15,937	134	111	303
25 to 34 years	4,766	43.0	4,760	4,542	217	4.6	6,309	6,112	81	27	89
35 to 44 years	5,128	49.9	5,125	4,936	188	3.7	5,145	5,017	37	26	65
45 to 54 years	5,723	53.2	5,721	5,530	191	3.3	5,030	4,807	16	57	150
55 to 64 years	3,734	42.7	3,733	3,632	101	2.7	5,010	4,690	5	99	216
55 to 59 years	2,282	48.6	2,282	2,214	68	3.0	2,411	2,284	2	43	81
60 to 64 years	1,452	35.8	1,452	1,418	34	2.3	2,599	2,406	3	55	135
65 years and over	930	9.3	930	892	39	4.2	9,089	8,038	14	455	583
Negro and other races											
16 years and over	3,959	49.0	3,956	3,653	303	7.6	4,114	3,053	689	188	185
16 to 21 years	571	38.2	569	446	123	21.7	925	255	627	5	38
16 to 19 years	297	29.0	296	220	76	25.8	728	131	565	4	29
16 and 17 years	94	17.7	94	66	28	29.5	436	32	396	1	8
18 and 19 years	203	41.0	202	153	49	24.1	292	99	169	3	21
20 to 64 years	3,558	57.4	3,555	3,329	226	6.4	2,640	2,346	124	71	101
20 to 24 years	621	57.5	619	523	96	15.5	460	337	97	4	22
25 to 54 years	2,529	59.8	2,528	2,414	113	4.5	1,703	1,567	27	52	58
25 to 34 years	917	58.6	916	855	61	6.6	647	590	21	11	25
35 to 44 years	854	59.9	853	820	33	3.9	571	534	5	11	21
45 to 54 years	758	61.0	758	739	19	2.5	485	444	--	30	11
55 to 64 years	408	46.1	408	391	17	4.2	477	441	--	15	21
55 to 59 years	264	52.9	264	254	10	4.0	235	215	--	5	15
60 to 64 years	144	37.3	144	137	7	4.6	242	226	--	10	6
65 years and over	105	12.4	105	105	--	--	746	576	--	113	56

HOUSEHOLD DATA

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
MALE								
16 years and over	53,995	53,139	80.3	80.2	50,807	49,657	79.3	79.1
16 to 19 years	4,134	3,909	55.1	53.4	3,740	3,523	52.6	50.8
16 and 17 years	1,705	1,646	44.1	43.8	1,677	1,621	43.7	43.4
18 and 19 years	2,430	2,263	66.8	63.5	2,063	1,902	63.0	59.4
20 to 24 years	7,196	6,952	85.0	85.2	5,482	5,121	81.1	80.9
25 to 54 years	33,243	33,036	96.0	96.2	32,167	31,775	95.8	96.1
25 to 34 years	11,903	11,662	96.3	96.8	11,244	10,895	96.1	96.6
35 to 44 years	10,856	10,941	97.2	96.9	10,510	10,544	97.1	96.8
45 to 54 years	10,484	10,433	94.3	94.8	10,414	10,337	94.3	94.8
55 to 64 years	7,170	7,047	83.6	83.4	7,167	7,043	83.5	83.4
55 to 59 years	4,223	4,163	89.6	89.7	4,220	4,159	89.6	89.7
60 to 64 years	2,947	2,884	76.2	75.8	2,947	2,884	76.2	75.8
65 years and over	2,251	2,194	27.9	27.5	2,251	2,194	27.9	27.5
White								
16 years and over	48,575	47,814	80.7	80.6	45,684	44,712	79.7	79.5
16 to 19 years	3,710	3,496	57.0	55.0	3,346	3,153	54.5	52.4
16 and 17 years	1,564	1,493	46.8	45.7	1,538	1,471	46.4	45.4
18 and 19 years	2,145	2,003	67.9	64.8	1,808	1,682	64.0	60.7
20 to 24 years	6,331	6,121	85.0	85.0	4,763	4,473	81.0	80.6
25 to 54 years	29,931	29,736	96.4	96.6	28,976	28,630	96.3	96.4
25 to 34 years	10,618	10,398	96.7	97.0	10,034	9,733	96.5	96.8
35 to 44 years	9,758	9,847	97.6	97.3	9,452	9,494	97.5	97.2
45 to 54 years	9,556	9,492	95.0	95.3	9,490	9,404	95.0	95.3
55 to 64 years	6,569	6,452	84.1	83.9	6,566	6,448	84.1	83.9
55 to 59 years	3,865	3,811	90.3	90.4	3,862	3,807	90.3	90.4
60 to 64 years	2,704	2,641	76.5	76.1	2,703	2,641	76.5	76.1
65 years and over	2,033	2,008	27.5	27.5	2,033	2,008	27.5	27.5
Negro and other races								
16 years and over	5,420	5,325	76.7	77.2	5,123	4,945	75.7	75.9
16 to 19 years	425	413	42.6	42.8	394	370	40.8	40.1
16 and 17 years	140	153	27.1	30.8	139	150	26.9	30.4
18 and 19 years	284	260	59.5	55.5	255	220	56.9	51.3
20 to 24 years	865	831	84.9	86.5	718	649	82.4	83.4
25 to 54 years	3,312	3,300	91.9	93.1	3,192	3,145	91.6	92.8
25 to 34 years	1,285	1,264	93.4	95.4	1,210	1,162	93.0	95.0
35 to 44 years	1,099	1,094	93.9	93.3	1,059	1,050	93.6	93.0
45 to 54 years	928	942	87.9	90.1	924	933	87.9	90.0
55 to 64 years	601	595	78.3	78.5	601	595	78.3	78.5
55 to 59 years	358	352	83.0	82.8	357	352	82.9	82.8
60 to 64 years	243	243	72.4	73.1	243	243	72.4	73.1
65 years and over	217	186	31.9	27.9	217	186	31.9	27.9

HOUSEHOLD DATA

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rate		Thousands of persons		Participation rate	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
FEMALE								
16 years and over	30,974	29,946	42.7	42.0	30,934	29,907	42.6	42.0
16 to 19 years	2,910	2,655	39.6	37.1	2,900	2,645	39.5	37.0
16 and 17 years	1,151	1,012	30.4	27.6	1,151	1,012	30.4	27.6
18 and 19 years	1,759	1,642	49.3	47.1	1,749	1,633	49.1	47.0
20 to 24 years	4,742	4,420	56.3	54.7	4,724	4,401	56.2	54.6
25 to 54 years	18,145	17,657	49.9	49.1	18,133	17,645	49.9	49.0
25 to 34 years	5,683	5,391	45.0	43.8	5,676	5,385	44.9	43.8
35 to 44 years	5,982	5,911	51.1	49.9	5,978	5,907	51.1	49.9
45 to 54 years	6,480	6,354	54.0	53.6	6,479	6,353	54.0	53.6
55 to 64 years	4,142	4,121	43.0	43.7	4,141	4,121	43.0	43.7
55 to 59 years	2,546	2,576	49.0	50.5	2,546	2,576	49.0	50.5
60 to 64 years	1,596	1,545	36.0	35.6	1,596	1,545	36.0	35.6
65 years and over	1,036	1,094	9.5	10.3	1,036	1,094	9.5	10.3
White								
16 years and over	27,014	26,171	41.9	41.2	26,978	26,135	41.8	41.2
16 to 19 years	2,613	2,385	41.3	38.7	2,604	2,376	41.2	38.6
16 and 17 years	1,057	923	32.5	29.2	1,057	923	32.5	29.2
18 and 19 years	1,556	1,461	50.6	48.7	1,547	1,453	50.5	48.5
20 to 24 years	4,121	3,891	56.1	55.0	4,104	3,875	56.0	54.9
25 to 54 years	15,616	15,214	48.6	47.8	15,605	15,203	48.6	47.8
25 to 34 years	4,766	4,523	43.0	41.9	4,760	4,517	43.0	41.9
35 to 44 years	5,128	5,063	49.9	48.6	5,125	5,060	49.9	48.6
45 to 54 years	5,723	5,627	53.2	52.9	5,721	5,626	53.2	52.9
55 to 64 years	3,734	3,700	42.7	43.1	3,733	3,700	42.7	43.1
55 to 59 years	2,282	2,289	48.6	49.7	2,282	2,289	48.6	49.7
60 to 64 years	1,452	1,411	35.8	35.6	1,452	1,411	35.8	35.6
65 years and over	930	981	9.3	10.0	930	981	9.3	10.0
Negro and other races								
16 years and over	3,959	3,776	49.0	48.1	3,956	3,771	49.0	48.1
16 to 19 years	297	270	29.0	27.3	296	269	28.9	27.2
16 and 17 years	94	89	17.7	17.6	94	89	17.7	17.6
18 and 19 years	203	181	41.0	37.4	202	180	40.9	37.3
20 to 24 years	621	529	57.5	52.2	619	527	57.4	52.1
25 to 54 years	2,529	2,443	59.8	58.9	2,528	2,442	59.7	58.9
25 to 34 years	917	868	58.6	57.4	916	868	58.6	57.4
35 to 44 years	854	848	59.9	59.6	853	848	59.9	59.6
45 to 54 years	758	727	61.0	59.8	758	727	61.0	59.8
55 to 64 years	408	421	46.1	48.8	408	421	46.1	48.8
55 to 59 years	264	287	52.9	59.0	264	287	52.9	59.0
60 to 64 years	144	134	37.3	35.6	144	134	37.3	35.6
65 years and over	105	113	12.4	13.6	105	113	12.4	13.6

HOUSEHOLD DATA

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex
 May 1970
 (In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Total noninstitutional population	21,844	11,018	10,826	18,902	9,572	9,331	2,942	1,446	1,496
Total labor force	11,711	6,881	4,829	10,368	6,110	4,258	1,343	772	571
Percent of population	53.6	62.5	44.6	54.9	63.8	45.6	45.6	53.4	38.2
Civilian labor force	10,325	5,515	4,810	9,102	4,861	4,241	1,223	654	569
Employed	9,248	4,922	4,326	8,260	4,380	3,881	988	543	446
Agriculture	494	444	49	441	397	44	52	47	5
Nonagricultural industries	8,755	4,478	4,277	7,819	3,983	3,836	936	495	441
Unemployed	1,077	593	484	842	482	360	235	111	123
Percent of labor force	10.4	10.8	10.1	9.2	9.9	8.5	19.2	17.0	21.7
Looking for full-time work	788	416	371	591	319	272	197	98	100
Looking for part-time work	289	177	112	251	163	88	38	14	24
Not in labor force	10,133	4,136	5,997	8,534	3,462	5,072	1,599	674	925
Major activity: going to school									
Civilian labor force	3,780	2,213	1,567	3,517	2,058	1,459	263	155	107
Employed	3,380	1,975	1,405	3,176	1,849	1,327	204	126	78
Agriculture	235	212	23	219	196	23	16	16	--
Nonagricultural industries	3,145	1,763	1,382	2,957	1,653	1,304	189	110	78
Unemployed	400	239	161	341	209	132	58	29	29
Percent of labor force	10.6	10.8	10.3	9.7	10.2	9.1	22.2	18.8	27.0
Looking for full-time work	151	77	74	121	60	61	30	17	12
Looking for part-time work	249	161	87	220	150	71	29	12	17
Not in labor force	7,895	3,789	4,106	6,672	3,193	3,479	1,223	596	627
Major activity: other									
Civilian labor force	6,545	3,302	3,243	5,585	2,803	2,782	961	499	462
Employed	5,868	2,948	2,921	5,084	2,531	2,554	784	417	367
Agriculture	259	233	26	222	201	21	37	32	5
Nonagricultural industries	5,610	2,715	2,895	4,862	2,330	2,532	747	385	362
Unemployed	677	354	322	500	272	228	177	82	94
Percent of labor force	10.3	10.7	9.9	9.0	9.7	8.2	18.4	16.5	20.4
Looking for full-time work	637	339	297	469	259	210	168	80	87
Looking for part-time work	40	15	25	31	13	18	9	2	7
Not in labor force	2,238	348	1,891	1,862	269	1,593	376	79	297

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

Employment status and color	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16-19 years	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
	Total							
Total noninstitutional population	139,884	137,549	59,768	58,919	65,261	64,154	14,854	14,476
Total labor force	84,968	83,085	49,860	49,230	28,064	27,292	7,044	6,564
Percent of population	60.7	60.4	83.4	83.9	43.0	42.5	47.4	45.3
Civilian labor force	81,741	79,563	47,067	46,134	28,033	27,262	6,641	6,168
Employed	78,357	77,264	45,664	45,324	26,828	26,395	5,865	5,545
Agriculture	3,725	3,894	2,696	2,786	634	696	396	412
Nonagricultural industries	74,632	73,370	42,968	42,538	26,194	25,699	5,469	5,133
Unemployed	3,384	2,299	1,403	810	1,205	867	776	623
Percent of labor force	4.1	2.9	3.0	1.8	4.3	3.2	11.7	10.1
Not in labor force	54,915	54,464	9,908	9,689	37,197	36,863	7,810	7,912
White								
Total noninstitutional population	124,742	122,808	53,697	52,989	58,213	57,299	12,833	12,520
Total labor force	75,589	73,984	44,865	44,318	24,402	23,786	6,323	5,881
Percent of population	60.6	60.2	83.6	83.6	41.9	41.5	49.3	47.0
Civilian labor force	72,662	70,847	42,338	41,559	24,374	23,759	5,950	5,529
Employed	69,879	69,007	41,164	40,881	23,394	23,069	5,321	5,056
Agriculture	3,318	3,417	2,392	2,458	571	607	354	352
Nonagricultural industries	66,562	65,589	38,772	38,423	22,823	22,462	4,967	4,704
Unemployed	2,783	1,841	1,174	678	979	690	629	473
Percent of labor force	3.8	2.6	2.8	1.6	4.0	2.9	10.6	8.5
Not in labor force	49,153	48,824	8,832	8,672	33,811	33,513	6,510	6,640
Negro and other races								
Total noninstitutional population	15,141	14,741	6,071	5,930	7,048	6,856	2,022	1,955
Total labor force	9,379	9,101	4,995	4,912	3,663	3,506	722	683
Percent of population	61.9	61.7	82.3	82.8	52.0	51.1	35.7	34.9
Civilian labor force	9,079	8,716	4,728	4,574	3,660	3,503	690	639
Employed	8,478	8,258	4,500	4,443	3,434	3,326	544	489
Agriculture	408	477	303	328	63	89	42	60
Nonagricultural industries	8,070	7,781	4,197	4,115	3,371	3,237	502	429
Unemployed	601	458	229	132	226	176	146	150
Percent of labor force	6.6	5.3	4.8	2.9	6.2	5.0	21.2	23.5
Not in labor force	5,762	5,640	1,076	1,017	3,386	3,350	1,300	1,273

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

May 1970

(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 ¹	Unemployed (looking for part-time work)	
		Full- time schedules ¹	Part time for economic reasons	Number	Percent of full-time- labor force			Number	Percent of part-time labor force
TOTAL									
16 years and over	69,383	64,413	2,128	2,842	4.1	12,358	11,816	542	4.4
16 to 21 years	5,851	4,686	378	788	13.5	4,474	4,185	289	6.5
16 to 19 years	2,936	2,193	230	513	17.5	3,705	3,442	263	7.1
16 and 17 years	572	344	58	169	29.6	2,257	2,058	199	8.8
18 and 19 years	2,364	1,849	172	344	14.5	1,448	1,384	64	4.4
20 years and over	66,447	62,220	1,898	2,329	3.5	8,653	8,374	279	3.2
20 to 24 years	8,716	7,705	346	665	7.6	1,489	1,433	56	3.8
25 years and over	57,731	54,514	1,553	1,665	2.9	7,163	6,942	223	3.1
25 to 54 years	45,731	43,243	1,157	1,330	2.9	4,570	4,434	137	3.0
55 years and over	12,000	11,271	395	335	2.8	2,594	2,508	86	3.3
MALE									
16 years and over	46,375	43,700	1,080	1,595	3.4	4,432	4,184	248	5.6
16 to 21 years	3,032	2,412	203	416	13.7	2,484	2,307	177	7.1
16 to 19 years	1,634	1,230	128	276	16.9	2,107	1,942	165	7.8
20 years and over	44,742	42,470	953	1,319	2.9	2,325	2,241	84	3.6
20 to 24 years	4,794	4,256	177	360	7.5	688	665	23	3.3
25 years and over	39,947	38,214	776	958	2.4	1,637	1,576	61	3.7
25 to 54 years	31,687	30,396	558	733	2.3	480	458	23	4.8
55 years and over	8,260	7,818	218	225	2.7	1,156	1,119	39	3.4
FEMALE									
16 years and over	23,008	20,713	1,048	1,247	5.4	7,926	7,632	294	3.7
16 to 21 years	2,820	2,274	174	371	13.2	1,990	1,878	112	5.6
16 to 19 years	1,302	963	102	237	18.2	1,598	1,499	98	6.2
20 years and over	21,705	19,750	945	1,010	4.7	6,328	6,133	195	3.1
20 to 24 years	3,922	3,449	169	305	7.8	801	768	34	4.2
25 years and over	17,783	16,300	776	705	4.0	5,528	5,366	162	2.9
25 to 54 years	14,043	12,847	599	596	4.2	4,090	3,976	114	2.8
55 years and over	3,740	3,453	178	109	2.9	1,437	1,389	48	3.3

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A- 8: Unemployed persons by sex and age

	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
Total, 16 years and over	1,843	1,114	3.6	2.2	1,541	1,185	5.0	4.0
16 to 19 years	440	304	11.8	8.6	335	319	11.6	12.0
16 and 17 years	222	180	13.2	11.1	146	125	12.7	12.3
18 and 19 years	219	125	10.6	6.6	189	194	10.8	11.9
20 years and over	1,403	810	3.0	1.8	1,205	867	4.3	3.2
20 to 24 years	383	223	7.0	4.4	338	232	7.2	5.3
25 years and over	1,019	586	2.5	1.4	867	635	3.7	2.8
25 to 34 years	324	168	2.9	1.5	278	203	4.9	3.8
35 to 44 years	216	148	2.1	1.4	222	186	3.7	3.1
45 to 54 years	216	138	2.1	1.3	210	157	3.2	2.5
55 to 64 years	202	95	2.8	1.4	118	77	2.9	1.9
55 to 59 years	118	55	2.8	1.3	78	51	3.1	2.0
60 to 64 years	84	40	2.8	1.4	40	26	2.5	1.7
65 years and over	61	37	2.7	1.7	39	12	3.8	1.1
Household head, 16 years and over	1,004	584	2.4	1.4	264	178	4.1	2.8
16 to 24 years	137	83	4.3	2.7	51	25	8.0	4.3
25 to 54 years	618	382	2.1	1.3	153	124	4.3	3.5
55 years and over	249	120	2.7	1.3	60	28	2.6	1.2

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

Marital status, age, and color	Male				Female			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
Total, 16 years and over	1,843	1,114	3.6	2.2	1,541	1,185	5.0	4.0
Married, spouse present	877	508	2.2	1.3	776	584	4.2	3.3
Widowed, divorced, or separated	145	71	5.3	2.7	291	212	5.0	3.7
Single (never married)	821	535	9.1	6.3	474	389	7.0	6.0
Total, 20 to 64 years of age	1,342	773	3.0	1.8	1,166	855	4.3	3.3
Married, spouse present	800	468	2.2	1.3	719	527	4.1	3.1
Widowed, divorced, or separated	143	62	5.9	2.7	245	191	4.8	3.9
Single (never married)	398	242	7.3	5.7	202	136	4.8	3.3
White, 16 years and over	1,545	907	3.4	2.0	1,238	934	4.6	3.6
Married, spouse present	769	438	2.2	1.2	656	493	4.0	3.1
Widowed, divorced, or separated	108	56	5.0	2.7	219	144	4.7	3.1
Single (never married)	669	414	8.4	5.5	363	296	6.1	5.1
White, 20 to 64 years of age	1,123	643	2.8	1.6	940	677	4.0	3.0
Married, spouse present	702	400	2.1	1.2	609	449	3.8	2.9
Widowed, divorced, or separated	106	48	5.6	2.6	180	131	4.5	3.3
Single (never married)	315	195	6.7	4.4	152	99	4.2	2.8
Negro and other races, 16 years and over	298	207	5.8	4.2	303	252	7.6	6.7
Married, spouse present	108	70	3.2	2.1	119	90	6.0	4.8
Widowed, divorced, or separated	37	15	6.3	2.6	72	68	6.2	6.2
Single (never married)	153	122	13.5	12.0	111	93	13.5	12.0
Negro and other races, 20 to 64 years of age	219	130	4.9	3.0	226	176	6.4	5.2
Married, spouse present	99	68	3.1	2.1	111	79	5.8	4.3
Widowed, divorced, or separated	37	15	7.0	2.9	65	60	6.1	5.9
Single (never married)	83	47	11.1	7.2	49	38	8.5	6.8

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Male		Female	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
Total.....	3,384	2,299	4.1	2.9	3.6	2.2	5.0	4.0
White-collar workers.....	943	641	2.4	1.7	1.8	1.1	3.1	2.5
Professional and technical.....	204	126	1.8	1.1	1.7	.9	1.9	1.5
Managers, officials, and proprietors.....	93	70	1.1	.9	.9	.7	2.0	1.9
Clerical workers.....	477	338	3.4	2.5	3.3	2.0	3.4	2.7
Sales workers.....	170	107	3.5	2.3	2.7	1.3	4.5	3.5
Blue-collar workers.....	1,601	967	5.5	3.4	4.7	2.8	9.4	6.3
Craftsmen and foremen.....	385	208	3.7	2.0	3.7	2.0	4.6	3.4
Carpenters and other construction craftsmen.....	198	87	6.9	3.0	6.9	3.0	(1)	(1)
All other.....	187	121	2.5	1.7	2.4	1.6	4.7	3.4
Operatives.....	920	558	6.3	3.9	4.7	2.6	9.7	6.5
Drivers and deliverymen.....	99	52	3.9	2.0	3.8	2.1	6.6	--
All other.....	821	506	6.8	4.2	5.0	2.8	9.8	6.6
Nonfarm laborers.....	296	201	7.3	5.2	7.2	5.1	10.3	7.1
Construction laborers.....	105	64	11.4	7.2	11.1	7.2	(1)	--
All other.....	191	137	6.1	4.6	6.0	4.5	9.0	7.2
Service workers.....	434	365	4.3	3.7	3.7	3.3	4.6	4.0
Private household.....	56	56	3.5	3.4	(1)	(1)	3.6	3.3
All other.....	378	309	4.5	3.8	3.8	3.2	4.9	4.2
Farmers and farm laborers.....	70	39	2.0	1.1	1.8	.9	3.3	1.9
No previous work experience.....	335	287	--	--	--	--	--	--
16 to 19 years.....	260	229	--	--	--	--	--	--
20 to 24 years.....	46	31	--	--	--	--	--	--
25 years and over.....	28	27	--	--	--	--	--	--

1/ 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	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
Total.....	100.0	100.0	4.1	2.9	3.6	2.2	5.0	4.0
Private wage and salary workers.....	80.3	77.2	4.6	3.1	4.0	2.4	5.5	4.2
Mining.....	.6	.6	3.6	2.7	3.4	3.0	(1)	--
Construction.....	10.5	6.8	9.1	4.3	9.0	4.4	11.8	1.1
Manufacturing.....	30.5	26.9	4.9	2.9	3.4	1.9	8.5	5.6
Durable goods.....	16.5	14.5	4.4	2.7	3.6	2.0	7.4	5.2
Primary metal industries.....	1.1	1.2	2.9	2.1	2.1	1.6	10.1	6.8
Fabricated metal products.....	2.5	2.0	4.9	2.7	4.3	1.9	7.5	5.7
Machinery.....	1.9	1.7	2.7	1.8	2.4	1.5	4.4	3.2
Electrical equipment.....	3.1	2.4	4.9	2.7	2.5	1.8	8.6	4.1
Motor vehicles and equipment.....	1.3	1.4	3.8	2.7	3.4	2.5	7.3	5.2
All other transportation equipment.....	2.7	1.4	7.8	2.5	7.7	2.0	8.3	4.9
Other durable goods industries.....	3.8	4.4	4.8	3.8	4.1	2.5	7.0	7.2
Nondurable goods.....	14.0	12.4	5.5	3.3	3.0	1.6	9.5	5.9
Food and kindred products.....	3.2	3.4	6.5	4.3	3.8	2.1	14.3	10.3
Textile mill products.....	1.7	1.8	5.3	3.7	2.8	2.4	8.0	5.3
Apparel and other finished textile products.....	4.2	3.1	10.0	5.1	5.1	2.2	11.3	5.9
Other nondurable goods industries.....	5.0	4.0	3.7	2.2	2.5	1.2	6.9	4.4
Transportation and public utilities.....	3.7	3.9	2.8	2.1	2.8	1.9	2.8	2.7
Railroads and railway express.....	.3	.4	1.4	1.4	1.3	1.2	(1)	(1)
Other transportation.....	2.5	2.4	4.4	3.0	4.8	2.7	2.6	4.4
Communication and other public utilities.....	.9	1.0	1.6	1.3	1.0	1.1	3.1	1.9
Wholesale and retail trade.....	18.3	20.3	4.6	3.7	3.9	2.7	5.7	5.0
Finance, insurance, and real estate.....	2.4	3.4	2.2	2.3	1.9	1.9	2.4	2.8
Service industries.....	14.4	15.4	4.1	3.0	4.2	2.8	4.0	3.1
Professional services.....	5.0	5.1	2.8	2.1	2.5	1.4	3.0	2.4
All other service industries.....	9.5	10.3	5.3	3.9	5.4	3.9	5.2	3.9
Agricultural wage and salary workers.....	2.2	1.9	5.6	3.2	5.1	2.9	9.1	5.1
All other classes of workers.....	7.6	8.4	1.2	.9	1.1	.8	1.5	1.2
No previous work experience.....	9.9	12.5	--	--	--	--	--	--

1/ 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		Negro and other races	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
Unemployment level												
Total unemployed, in thousands	3,384	2,299	1,403	810	1,205	867	776	623	2,783	1,841	601	458
Lost last job	1,658	892	942	438	562	344	155	110	1,364	728	294	165
Left last job	447	325	170	148	174	107	103	70	382	255	65	70
Reentered labor force	944	796	251	204	435	377	259	214	761	640	184	155
Never worked before	333	286	40	19	34	39	259	228	276	217	58	69
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	49.0	38.8	67.2	54.1	46.6	39.7	20.0	17.8	49.0	39.5	48.9	35.9
Left last job	13.2	14.1	12.1	18.3	14.4	12.3	13.3	11.2	13.7	13.9	10.9	15.2
Reentered labor force	27.9	34.6	17.9	25.3	36.1	43.5	33.3	34.4	27.3	34.8	30.6	33.8
Never worked before	9.9	12.4	2.8	2.4	2.9	4.4	33.4	36.7	9.9	11.8	9.6	15.0
Unemployment rate												
Total unemployment rate	4.1	2.9	3.0	1.8	4.3	3.2	11.7	10.1	3.8	2.6	6.6	5.3
Job-loser rate ¹	2.0	1.1	2.0	.9	2.0	1.2	2.4	1.8	1.9	1.0	3.2	1.9
Job-leaver rate ¹ . . . . .	.5	.4	.4	.3	.6	.4	1.6	1.1	.5	.4	.7	.8
Reentrant rate ¹	1.2	1.0	.5	.4	1.6	1.4	3.9	3.5	1.0	.9	2.0	1.8
New entrant rate ¹ . . . . .	.4	.4	.1	--	.1	.1	3.9	3.7	.4	.3	.6	.8

¹Unemployment rates are calculated as a percent of the civilian labor force.

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

May 1970

(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	3,384	100.0	51.6	29.0	19.5	12.3	7.2
Lost last job	1,658	100.0	43.5	32.0	24.4	16.5	7.9
Left last job	447	100.0	53.6	28.8	17.6	11.8	5.8
Reentered labor force	944	100.0	61.9	24.0	14.0	7.7	6.3
Never worked before	333	100.0	59.2	27.9	12.9	4.8	8.1
Male, 20 years and over	1,403	100.0	40.8	32.6	26.6	16.8	9.8
Lost last job	942	100.0	38.5	34.0	27.5	17.9	9.6
Left last job	170	100.0	47.1	29.4	23.5	14.7	8.8
Reentered labor force	251	100.0	46.2	28.7	25.1	15.9	9.2
Never worked before	40	100.0	(1)	(1)	(1)	(1)	(1)
Female, 20 years and over	1,205	100.0	57.4	26.1	16.5	10.4	6.1
Lost last job	562	100.0	48.5	29.6	21.9	14.8	7.1
Left last job	174	100.0	54.3	28.9	16.8	11.6	5.2
Reentered labor force	435	100.0	69.6	21.2	9.2	5.1	4.1
Never worked before	34	100.0	(1)	(1)	(1)	(1)	(1)
Both sexes, 16 to 19 years	776	100.0	61.9	27.0	11.1	6.8	4.3
Lost last job	155	100.0	56.1	29.0	14.8	14.2	.6
Left last job	103	100.0	64.1	26.2	9.7	7.8	1.9
Reentered labor force	259	100.0	64.9	23.9	11.1	4.2	6.9
Never worked before	259	100.0	62.0	28.7	9.3	5.0	4.3

¹Percent 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	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
Total.....	3,384	2,299	100.0	100.0	1,268	762	100.0	100.0
Less than 5 weeks.....	1,744	1,352	51.6	58.8	514	400	40.5	52.6
5 to 14 weeks.....	980	516	29.0	22.4	425	187	33.6	24.6
5 to 10 weeks.....	754	392	22.3	17.1	306	141	24.1	18.5
11 to 14 weeks.....	226	124	6.7	5.4	120	46	9.5	6.0
15 weeks and over.....	660	431	19.5	18.7	329	175	25.9	30.0
15 to 26 weeks.....	416	303	12.3	13.2	206	118	16.2	15.5
27 weeks and over.....	243	128	7.2	5.6	123	56	9.7	7.4
Average (mean) duration.....	9.6	8.8	--	--	11.6	10.0	--	--

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

May 1970

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	May 1970	May 1969	May 1970	May 1969
Total	3,384	1,744	980	416	243	51.5	58.8	19.5	18.7
16 to 21 years.....	1,077	658	281	86	51	61.1	63.9	12.8	14.5
16 to 19 years.....	776	480	209	54	33	61.9	63.4	11.2	14.3
20 to 24 years.....	721	429	179	74	40	59.4	66.1	15.8	13.0
25 to 44 years.....	1,040	511	306	145	77	49.2	60.4	21.4	20.7
45 years and over.....	846	324	286	143	93	38.3	44.7	27.9	26.7
Male	1,843	842	578	269	153	45.7	57.9	22.9	22.3
16 to 21 years.....	593	351	162	51	30	59.1	65.5	13.6	17.9
16 to 19 years.....	440	270	122	32	16	61.3	66.2	11.0	17.4
20 to 24 years.....	383	216	105	38	25	56.3	66.1	16.4	14.7
25 to 44 years.....	540	220	178	96	48	40.6	56.3	26.6	25.9
45 years and over.....	479	137	174	103	65	28.6	43.8	35.0	30.0
Female	1,541	902	402	147	90	58.5	59.7	15.4	15.4
16 to 21 years.....	484	308	119	35	22	63.6	62.5	11.8	11.5
16 to 19 years.....	335	210	87	21	17	62.7	60.7	11.4	11.3
20 to 24 years.....	338	213	74	36	15	62.9	66.2	15.1	11.4
25 to 44 years.....	500	292	128	50	30	58.2	63.8	16.1	16.5
45 years and over.....	367	187	112	40	28	50.9	45.7	18.6	23.2
White: Total	2,783	1,441	800	357	185	51.8	59.4	19.4	18.3
Male.....	1,545	695	479	242	127	45.0	58.2	23.9	22.1
Female.....	1,238	746	321	114	57	60.2	60.5	13.8	14.7
Negro and other races: Total	601	303	180	59	59	50.4	56.6	19.7	20.4
Male.....	298	147	99	26	26	49.2	56.7	17.6	23.1
Female.....	303	156	81	33	33	51.6	56.5	21.8	18.2
Male: Married, wife present	877	347	296	145	89	39.6	53.1	26.7	25.8
Widowed, divorced, or separated.....	145	46	58	28	12	32.1	48.6	29.7	17.8
Single (never married).....	821	448	225	95	53	54.6	63.7	18.0	19.6
Female: Married, husband present	776	465	196	73	41	60.0	60.6	14.8	18.3
Widowed, divorced, or separated.....	291	151	86	32	21	52.1	54.2	18.4	10.6
Single (never married).....	474	285	120	42	28	60.1	61.3	14.6	13.7

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A-16: Unemployed persons by duration, occupation, and industry of last job
May 1970

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	May	May	May	May
						1970	1969	1970	1969
OCCUPATION									
White-collar workers.....	943	479	284	124	57	50.8	61.0	19.1	16.3
Professional and managerial.....	297	131	93	40	33	44.1	52.6	24.6	20.9
Clerical workers.....	477	257	145	62	12	53.9	64.1	15.6	12.7
Sales workers.....	170	91	46	22	12	53.3	67.1	19.6	19.7
Blue-collar workers.....	1,601	776	465	237	124	48.5	54.8	22.5	22.8
Craftsmen and foremen.....	385	170	117	63	35	44.1	52.3	25.6	23.3
Operatives.....	920	447	277	125	72	48.5	54.3	21.4	21.8
Nonfarm laborers.....	296	160	72	48	16	53.9	58.6	21.9	24.8
Service workers.....	434	249	125	32	29	57.3	64.1	14.0	15.7
INDUSTRY¹									
Agriculture.....	73	43	14	11	5	(2)	(2)	(2)	(2)
Construction.....	370	159	110	78	22	43.2	58.0	27.2	28.9
Manufacturing.....	1,031	488	303	150	89	47.4	54.6	23.3	19.7
Durable goods.....	558	253	160	100	46	45.3	51.0	26.1	21.7
Nondurable goods.....	473	235	143	51	43	49.8	58.8	19.9	17.3
Transportation and public utilities.....	137	62	46	13	15	45.3	(2)	20.9	(2)
Wholesale and retail trade.....	623	354	174	65	31	56.8	62.0	15.3	18.8
Finance and service industries.....	671	358	200	70	43	53.4	60.4	16.8	15.6
Public administration.....	77	53	13	8	4	(2)	(2)	(2)	(2)
No previous work experience.....	335	198	93	16	27	59.2	59.1	12.9	14.9

¹Includes wage and salary workers only.

²Percent not shown where base is less than 100,000.

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

Age and type of industry	Total		Male		Female	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
All industries	78,357	77,264	48,964	48,543	29,393	28,721
16 to 19 years.....	5,865	5,545	3,300	3,219	2,565	2,326
16 and 17 years.....	2,460	2,329	1,455	1,441	1,005	887
18 and 19 years.....	3,405	3,216	1,845	1,777	1,560	1,439
20 to 24 years.....	9,484	9,068	5,099	4,898	4,385	4,170
25 to 34 years.....	48,834	48,420	31,411	31,321	17,423	17,099
25 to 34 years.....	16,318	15,909	10,920	10,727	5,398	5,182
35 to 44 years.....	16,050	16,117	10,294	10,395	5,756	5,722
45 to 54 years.....	16,466	16,394	10,198	10,199	6,269	6,195
55 to 64 years.....	10,988	10,992	6,965	6,947	4,023	4,045
55 to 59 years.....	6,570	6,628	4,102	4,103	2,468	2,525
60 to 64 years.....	4,418	4,364	2,863	2,844	1,555	1,520
65 years and over.....	3,186	3,239	2,189	2,157	997	1,082
Nonagricultural industries	74,632	73,370	45,908	45,388	28,724	27,982
16 to 19 years.....	5,469	5,133	2,939	2,850	2,530	2,283
16 and 17 years.....	2,231	2,091	1,251	1,219	980	872
18 and 19 years.....	3,238	3,042	1,689	1,631	1,550	1,411
20 to 24 years.....	9,223	8,810	4,880	4,679	4,342	4,131
25 to 34 years.....	47,022	46,485	30,023	29,860	16,999	16,625
25 to 34 years.....	15,831	15,390	10,541	10,328	5,290	5,062
35 to 44 years.....	15,492	15,482	9,884	9,913	5,608	5,569
45 to 54 years.....	15,700	15,613	9,598	9,619	6,101	5,994
55 to 64 years.....	10,276	10,232	6,377	6,324	3,898	3,908
55 to 59 years.....	6,197	6,221	3,811	3,779	2,386	2,442
60 to 64 years.....	4,079	4,011	2,566	2,546	1,513	1,465
65 years and over.....	2,642	2,710	1,688	1,675	955	1,036
Agriculture	3,725	3,894	3,056	3,154	669	740
16 to 19 years.....	396	412	361	369	35	44
16 and 17 years.....	229	238	205	223	24	15
18 and 19 years.....	167	174	156	146	11	28
20 to 24 years.....	261	258	218	219	43	39
25 to 34 years.....	1,812	1,935	1,388	1,460	424	474
25 to 34 years.....	487	519	379	399	108	120
35 to 44 years.....	558	635	410	482	148	153
45 to 54 years.....	767	781	599	579	167	201
55 to 64 years.....	712	760	587	623	125	137
55 to 59 years.....	373	407	291	325	82	83
60 to 64 years.....	339	353	297	299	43	55
65 years and over.....	544	529	502	483	42	46

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

(In thousands)

Occupation	Total		Male, 20 years and over		Female, 20 years and over		Male, 16-19 years		Female, 16-19 years	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
Total	78,357	77,264	45,664	45,324	26,828	26,395	3,300	3,219	2,565	2,326
White-collar workers	37,893	36,679	19,475	18,986	16,387	15,804	677	644	1,355	1,246
Professional and technical	11,221	10,907	6,832	6,719	4,270	4,046	63	88	57	53
Medical and other health	1,659	1,690	621	658	1,016	1,020	6	2	17	10
Teachers, except college	2,645	2,449	835	746	1,802	1,694	5	2	4	6
Other professional and technical	6,916	6,769	5,376	5,315	1,451	1,332	51	85	36	37
Managers, officials, and proprietors	8,361	8,012	7,005	6,778	1,311	1,198	37	30	8	7
Salaried workers	6,112	5,676	5,149	4,828	921	813	35	29	8	6
Self-employed workers in retail trade	1,086	1,073	839	830	244	240	1	3	2	1
Self-employed workers, except retail trade	1,163	1,263	1,017	1,120	146	145	1	--	--	--
Clerical workers	13,590	13,173	3,197	3,102	9,106	8,847	300	312	986	912
Stenographers, typists, and secretaries	3,505	3,414	57	50	3,154	3,110	2	3	292	252
Other clerical workers	10,085	9,759	3,140	3,053	5,951	5,737	299	310	694	659
Sales workers	4,721	4,587	2,441	2,387	1,700	1,713	277	213	304	274
Retail trade	2,903	2,793	917	889	1,483	1,472	224	171	280	260
Other sales workers	1,818	1,795	1,523	1,498	217	241	53	42	25	14
Blue-collar workers	27,473	27,535	21,024	21,026	4,395	4,509	1,794	1,751	259	249
Craftsmen and foremen	10,006	9,947	9,462	9,414	302	292	224	235	19	7
Carpenters	795	890	777	860	4	2	14	28	--	--
Construction craftsmen, except carpenters	1,876	1,920	1,820	1,854	12	10	40	53	4	3
Mechanics and repairmen	2,725	2,639	2,603	2,503	14	37	105	99	3	--
Metal craftsmen, except mechanics	1,239	1,139	1,212	1,109	13	18	14	11	--	--
Other craftsmen and kindred workers	1,906	1,825	1,700	1,659	147	122	48	40	11	4
Foremen, not elsewhere classified	1,465	1,534	1,350	1,429	111	102	3	3	1	--
Operatives	13,711	13,924	8,764	8,806	3,987	4,108	749	793	211	218
Drivers and deliverymen	2,455	2,488	2,226	2,268	96	88	123	129	10	2
Other operatives	11,256	11,436	6,538	6,537	3,891	4,020	626	663	201	216
Durable goods manufacturing	4,759	4,817	3,236	3,287	1,307	1,302	163	161	53	67
Nondurable goods manufacturing	3,590	3,831	1,500	1,547	1,903	2,044	94	135	94	105
Other industries	2,907	2,788	1,802	1,703	681	674	370	367	55	44
Nonfarm laborers	3,756	3,664	2,798	2,807	107	110	821	722	30	24
Construction	816	823	692	722	4	3	120	95	--	2
Manufacturing	1,037	1,065	859	883	52	55	118	118	6	8
Other industries	1,903	1,776	1,246	1,201	51	51	581	510	24	14
Service workers	9,604	9,433	2,697	2,725	5,485	5,440	501	478	921	789
Private household workers	1,538	1,596	24	19	1,192	1,294	8	7	314	276
Service workers, except private household	8,066	7,837	2,673	2,707	4,294	4,146	492	471	607	513
Protective service workers	941	910	884	849	45	44	4	11	8	5
Waiters, cooks, and bartenders	2,246	2,136	409	394	1,403	1,363	124	131	311	248
Other service workers	4,879	4,792	1,380	1,463	2,847	2,739	364	329	288	260
Farm workers	3,387	3,617	2,469	2,587	561	642	329	346	30	42
Farmers and farm managers	1,859	1,910	1,758	1,817	82	74	19	17	--	2
Farm laborers and foremen	1,529	1,707	711	770	479	569	310	329	30	40
Paid workers	943	1,069	640	722	113	154	179	171	10	22
Unpaid family workers	586	638	70	48	365	415	131	158	20	18

HOUSEHOLD DATA

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

(Percent distribution)

Occupation group and color	Total		Male		Female	
	May 1970	May 1969	May 1970	May 1969	May 1970	May 1969
Total						
Total employed (thousands)	78,357	77,264	48,964	48,543	29,393	28,721
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	48.4	47.5	41.2	40.4	60.4	59.4
Professional and technical	14.3	14.1	14.1	14.0	14.7	14.3
Managers, officials, and proprietors	10.7	10.4	14.4	14.0	4.5	4.2
Clerical workers	17.3	17.0	7.1	7.0	34.3	34.0
Sales workers	6.0	5.9	5.5	5.4	6.8	6.9
Blue-collar workers	35.1	35.6	46.6	46.9	15.8	16.6
Craftsmen and foremen	12.8	12.9	19.8	19.9	1.1	1.0
Operatives	17.5	18.0	19.4	19.8	14.3	15.1
Nonfarm laborers	4.8	4.7	7.4	7.3	.5	.5
Service workers	12.3	12.2	6.5	6.6	21.8	21.7
Private household workers	2.0	2.1	.1	.1	5.1	5.5
Other service workers	10.3	10.1	6.5	6.5	16.7	16.2
Farm workers	4.3	4.7	5.7	6.0	2.0	2.4
Farmers and farm managers	2.4	2.5	3.6	3.8	.3	.3
Farm laborers and foremen	2.0	2.2	2.1	2.3	1.7	2.1
White						
Total employed (thousands)	69,879	69,007	44,140	43,805	25,740	25,202
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	50.8	50.0	43.3	42.6	63.7	62.9
Professional and technical	15.0	14.8	14.8	14.8	15.2	14.9
Managers, officials, and proprietors	11.5	11.2	15.4	15.0	4.9	4.6
Clerical workers	17.8	17.6	7.1	7.0	36.2	35.9
Sales workers	6.5	6.4	6.0	5.8	7.4	7.6
Blue-collar workers	34.3	34.9	45.2	45.6	15.5	16.3
Craftsmen and foremen	13.3	13.4	20.5	20.6	1.1	1.1
Operatives	16.8	17.4	18.5	18.9	13.9	14.8
Nonfarm laborers	4.1	4.0	6.2	6.1	.5	.4
Service workers	10.6	10.5	5.9	5.9	18.7	18.4
Private household workers	1.3	1.3	(1)	(1)	3.3	3.4
Other service workers	9.3	9.2	5.8	5.9	15.3	15.0
Farm workers	4.3	4.6	5.6	5.9	2.1	2.3
Farmers and farm managers	2.5	2.6	3.8	4.0	.3	.3
Farm laborers and foremen	1.8	2.0	1.8	1.9	1.8	2.1
Negro and other races						
Total employed (thousands)	8,478	8,258	4,824	4,738	3,653	3,520
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	28.1	26.1	21.7	20.2	36.6	33.9
Professional and technical	9.0	8.3	7.4	7.0	11.1	10.1
Managers, officials, and proprietors	3.8	3.3	5.5	4.7	1.6	1.4
Clerical workers	13.2	12.6	7.3	7.0	21.0	20.2
Sales workers	2.1	1.8	1.5	1.5	2.8	2.2
Blue-collar workers	41.5	41.7	59.3	59.2	17.9	18.3
Craftsmen and foremen	8.0	8.1	13.5	13.5	.8	.9
Operatives	23.1	23.0	27.9	27.7	16.7	16.8
Nonfarm laborers	10.4	10.6	17.9	18.0	.4	.6
Service workers	26.1	26.8	12.7	13.1	43.8	45.2
Private household workers	7.8	8.7	.3	.2	17.7	20.1
Other service workers	18.3	18.1	12.4	12.9	26.1	25.1
Farm workers	4.3	5.4	6.3	7.5	1.7	2.6
Farmers and farm managers	1.1	1.1	1.8	1.7	.1	.3
Farm laborers and foremen	3.3	4.4	4.6	5.8	1.6	2.4

¹ Less than 0.05 percent.

HOUSEHOLD DATA

A-20: Employed persons by class of worker, sex, and age
 May 1970
 (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					
Total	68,903	1,766	12,457	54,680	5,226	502	1,200	1,926	598
16 to 19 years	5,381	423	455	4,503	62	26	219	25	152
16 and 17 years	2,176	330	124	1,722	40	15	116	9	104
18 and 19 years	3,205	92	332	2,781	21	12	104	15	48
20 to 24 years	9,001	83	1,517	7,401	203	19	162	54	46
25 to 34 years	14,952	166	2,689	12,098	806	73	202	216	70
35 to 44 years	14,241	197	2,693	11,351	1,136	115	168	281	108
45 to 54 years	14,191	328	2,864	10,998	1,352	157	187	465	114
55 to 64 years	9,074	323	1,903	6,847	1,110	92	163	471	78
55 to 59 years	5,520	176	1,132	4,212	624	53	89	232	52
60 to 64 years	3,554	147	771	2,635	486	39	75	239	26
65 years and over.....	2,064	247	335	1,482	558	20	99	415	30
Male	41,885	212	6,692	34,981	3,969	53	1,019	1,834	203
16 to 19 years	2,872	98	187	2,586	47	20	204	25	132
16 and 17 years	1,206	82	58	1,066	34	11	107	9	88
18 and 19 years	1,667	16	130	1,520	13	9	97	15	44
20 to 24 years	4,756	13	649	4,094	116	9	134	53	32
25 to 34 years	9,924	8	1,480	8,436	609	7	161	207	11
35 to 44 years	8,996	11	1,533	7,452	884	3	129	274	8
45 to 54 years	8,552	14	1,605	6,933	1,044	2	150	446	4
55 to 64 years	5,520	22	1,021	4,477	852	5	148	437	3
55 to 59 years	3,324	11	607	2,706	484	4	80	208	3
60 to 64 years	2,196	10	415	1,771	369	2	68	229	--
65 years and over.....	1,265	46	217	1,003	416	7	94	394	13
Female	27,018	1,554	5,765	19,699	1,258	449	181	93	395
16 to 19 years	2,509	325	268	1,916	15	6	16	--	20
16 and 17 years	970	249	66	656	6	4	8	--	16
18 and 19 years	1,538	76	202	1,260	8	3	7	--	4
20 to 24 years	4,245	70	868	3,307	87	10	28	1	14
25 to 34 years	5,028	158	1,208	3,662	197	65	40	9	58
35 to 44 years	5,244	186	1,160	3,899	252	111	40	8	101
45 to 54 years	5,639	314	1,260	4,065	307	155	37	20	111
55 to 64 years	3,554	301	882	2,371	257	87	16	34	75
55 to 59 years	2,196	164	525	1,506	140	50	9	24	49
60 to 64 years	1,358	137	357	864	117	38	7	10	26
65 years and over.....	799	201	119	479	142	13	5	21	16

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					
	May 1970	May 1969	Total		Wage and salary workers ¹			
			May 1970	May 1969	Paid absence ²		Unpaid absence ²	
					May 1970	May 1969	May 1970	May 1969
Total	3,140	2,801	3,068	2,731	1,282	1,202	1,439	1,257
Vacation	974	933	962	922	729	747	154	119
Illness	1,321	1,120	1,296	1,089	447	343	726	637
Bad weather	61	50	42	33	--	--	--	--
Industrial dispute	186	121	186	121	--	--	--	--
All other reasons	597	576	582	567	106	112	559	502
Male	1,910	1,724	1,849	1,664	851	841	781	667
Vacation	610	629	600	621	492	524	60	66
Illness	797	670	774	639	283	233	407	341
All other reasons	503	425	475	404	76	84	314	260
Female	1,229	1,077	1,219	1,067	431	361	659	589
Vacation	365	305	362	301	237	224	94	52
Illness	524	450	522	450	164	110	319	296
All other reasons	340	322	335	316	30	27	246	241

¹Excludes private household.

²Pay 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

May 1970

Hours of work	Thousands of persons			Percent distribution		
	All industries	Nonagri- cultural industries	Agri- culture	All industries	Nonagri- cultural industries	Agri- culture
Total at work	75,217	71,564	3,563	100.0	100.0	100.0
1-34 hours	16,857	15,737	1,120	22.4	22.0	30.7
1-4 hours	766	705	60	1.0	1.0	1.6
5-14 hours	3,919	3,649	271	5.2	5.1	7.4
15-29 hours	7,924	7,330	594	10.5	10.2	16.3
30-34 hours	4,248	4,053	195	5.6	5.7	5.3
35 hours and over	58,360	55,826	2,533	77.6	78.0	69.3
35-39 hours	5,279	5,116	163	7.0	7.1	4.5
40 hours	31,130	30,782	348	41.4	43.0	9.5
41 hours and over	21,951	19,928	2,022	29.2	27.8	55.4
41 to 48 hours	8,866	8,566	300	11.8	12.0	8.2
49 to 59 hours	6,743	6,331	412	9.0	8.8	11.3
60 hours and over	6,342	5,031	1,310	8.4	7.0	35.9
Average hours, total at work	39.6	39.1	47.7	--	--	--
Average hours, workers on full-time schedules	44.1	43.4	57.9	--	--	--

HOUSEHOLD DATA

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

May 1970

(In thousands)

Reasons working part time	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total.....	16,857	4,720	12,138	15,737	4,446	11,292
Economic reasons.....	2,128	1,201	927	1,951	1,116	835
Slack work.....	1,144	873	271	1,038	801	237
Material shortages or repairs to plant and equipment.....	86	86	--	81	81	--
New job started during week.....	171	171	--	166	166	--
Job terminated during week.....	72	72	--	68	68	--
Could find only part-time work.....	655	--	655	597	--	597
Other reasons.....	14,727	3,516	11,211	13,787	3,330	10,457
Does not want, or unavailable for, full-time work.....	9,066	--	9,066	8,521	--	8,521
Vacation.....	435	435	--	431	431	--
Illness.....	1,630	1,328	302	1,519	1,291	228
Bad weather.....	413	413	--	286	--	--
Industrial dispute.....	78	78	--	78	78	--
Legal or religious holiday.....	61	61	--	61	61	--
Full time for this job.....	1,337	--	1,337	1,302	--	1,302
All other reasons.....	1,709	1,203	506	1,589	1,182	407
Average hours:						
Economic reasons.....	21.8	24.4	18.5	22.1	24.6	18.7
Other reasons.....	19.6	26.1	17.6	19.7	26.2	17.6
Worked 30 to 34 hours:						
Economic reasons.....	720	518	202	679	492	187
Other reasons.....	3,528	1,840	1,688	3,374	1,774	1,600

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

May 1970

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 ^{1/}	100.0	2.7	14.6	82.7	54.8	12.0	15.9	39.1	43.4
Wage and salary workers ...	100.0	2.7	14.4	83.1	57.1	12.1	13.9	38.6	42.8
Construction ...	100.0	5.0	4.7	90.3	64.7	12.3	13.3	39.4	41.5
Manufacturing.....	100.0	3.1	3.1	93.8	66.8	14.5	12.5	41.0	42.2
Durable goods.....	100.0	2.1	2.1	95.8	68.4	15.2	12.2	41.4	42.2
Nondurable goods.....	100.0	4.7	4.7	90.5	64.3	13.4	12.8	40.3	42.2
Transportation and public utilities.....	100.0	1.9	6.7	91.4	61.9	13.0	16.5	41.2	43.2
Wholesale and retail trade.....	100.0	2.4	27.0	70.7	40.6	13.8	16.3	36.8	44.4
Finance, insurance, and real estate.....	100.0	.7	10.3	89.0	67.6	8.0	13.4	39.3	41.8
Service industries.....	100.0	2.8	25.3	71.9	49.1	9.4	13.4	35.8	43.1
Private households.....	100.0	12.1	57.6	30.3	18.1	4.8	7.4	23.4	45.1
All other service.....	100.0	1.8	21.8	76.4	52.5	9.9	14.0	37.1	43.0
Public administration.....	100.0	1.0	6.6	92.4	72.2	8.0	12.2	40.3	42.2
Self-employed workers.....	100.0	3.7	15.2	81.1	27.9	10.8	42.4	45.3	51.9
Unpaid family workers.....	100.0	.8	41.2	58.0	23.7	12.2	22.1	37.7	49.1

^{1/}Mining not shown separately but included in totals.

HOUSEHOLD DATA

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

May 1970

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)								
TOTAL								
Total, 16 years and over.....	71,564	1,951	10,457	59,156	39,228	19,928	39.1	43.4
16 to 21 years	8,464	338	3,833	4,293	3,380	913	28.4	40.8
16 to 19 years	5,305	202	3,140	1,963	1,540	423	24.4	40.4
16 and 17 years	2,177	47	1,857	273	203	70	17.1	41.0
18 and 19 years	3,127	155	1,282	1,690	1,336	354	29.5	40.3
20 years and over	66,260	1,749	7,317	57,194	37,689	19,505	40.3	43.5
20 to 24 years	8,882	319	1,325	7,238	5,338	1,900	37.5	41.8
25 years and over	57,378	1,429	5,992	49,957	32,352	17,605	40.7	43.8
25 to 44 years	30,248	704	2,817	26,727	16,957	9,770	41.1	43.9
45 to 64 years	24,644	653	2,189	21,802	14,453	7,349	41.1	43.7
65 years and over	2,487	73	986	1,428	939	489	32.0	43.6
Males, 16 years and over	44,059	963	3,454	39,642	23,350	16,292	42.2	44.9
16 to 21 years	4,324	172	2,039	2,113	1,474	639	28.9	42.2
16 to 19 years	2,845	105	1,699	1,041	725	316	25.2	41.6
16 and 17 years	1,220	27	1,026	167	118	49	18.3	41.6
18 and 19 years	1,625	78	673	874	607	267	30.4	41.6
20 years and over	41,214	858	1,755	38,601	22,625	15,976	43.4	45.0
20 to 24 years	4,724	163	613	3,948	2,563	1,385	39.3	43.4
25 years and over	36,491	695	1,141	34,655	20,064	14,591	42.6	44.6
25 to 44 years	19,782	346	284	19,152	10,704	8,448	41.6	44.2
45 to 64 years	15,129	301	295	14,533	8,749	5,784	45.0	45.3
65 years and over	1,580	48	562	970	613	357	33.2	43.7
Females, 16 years and over	27,505	988	7,003	19,514	15,878	3,636	34.1	40.5
16 to 21 years	4,140	166	1,794	2,180	1,907	273	27.8	39.4
16 to 19 years	2,460	97	1,440	923	816	107	23.4	39.0
16 and 17 years	958	20	831	107	86	21	15.5	40.1
18 and 19 years	1,503	77	609	817	731	86	28.5	38.8
20 years and over	25,045	890	5,563	18,592	15,063	3,529	35.2	40.6
20 to 24 years	4,158	156	712	3,290	2,775	515	35.4	39.9
25 years and over	20,887	736	4,851	15,300	12,285	3,015	35.1	40.8
25 to 44 years	10,465	357	2,532	7,576	6,256	1,320	34.4	40.2
45 to 64 years	9,515	353	1,894	7,268	5,706	1,562	36.4	41.2
65 years and over	907	26	425	456	324	132	29.7	43.4
COLOR								
White	63,878	1,493	9,472	52,913	34,414	18,499	39.3	43.6
Male	39,787	764	3,178	35,845	20,589	15,256	42.4	45.1
Female	24,091	728	6,294	17,069	13,827	3,242	34.1	40.6
Negro and other races	7,686	458	985	6,243	4,813	1,430	37.5	41.7
Male	4,272	199	276	3,797	2,761	1,036	40.1	42.7
Female	3,414	259	709	2,446	2,052	394	34.3	40.1
MARITAL STATUS								
Male:								
Married, wife present	34,493	615	1,026	32,852	18,705	14,147	44.1	45.3
Widowed, divorced, or separated	2,296	88	136	2,072	1,281	791	41.4	43.8
Single (never married)	7,271	261	2,292	4,718	3,362	1,356	33.5	42.6
Female:								
Married, husband present	16,258	551	4,177	11,530	9,503	2,027	34.3	40.4
Widowed, divorced, or separated	5,139	248	885	4,006	3,067	939	36.5	41.3
Single (never married)	6,108	189	1,941	3,978	3,309	669	31.5	40.3

HOUSEHOLD DATA

A-25: Persons at work in nonagricultural industries by full- or part-time status, sex, age, color, and marital status--Continued
May 1970

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)						
TOTAL						
Total, 16 years and over.....	100.0	2.7	14.6	82.6	54.8	27.8
16 to 21 years.....	100.0	4.0	45.3	50.7	39.9	10.8
16 to 19 years.....	100.0	3.8	59.2	37.0	29.0	8.0
16 and 17 years.....	100.0	2.2	85.3	12.5	9.3	3.2
18 and 19 years.....	100.0	5.0	41.0	54.0	42.7	11.3
20 years and over.....	100.0	2.6	11.0	86.3	56.9	29.4
20 to 24 years.....	100.0	3.6	14.9	81.5	60.1	21.4
25 years and over.....	100.0	2.5	10.4	87.1	56.4	30.7
25 to 44 years.....	100.0	2.3	9.3	88.4	56.1	32.3
45 to 64 years.....	100.0	2.6	8.9	88.4	58.6	29.8
65 years and over.....	100.0	2.9	39.6	57.5	37.8	19.7
Males, 16 years and over.....	100.0	2.2	7.8	90.0	53.0	37.0
16 to 21 years.....	100.0	4.0	47.2	48.9	34.1	14.8
16 to 19 years.....	100.0	3.7	59.7	36.6	25.5	11.1
16 and 17 years.....	100.0	2.2	84.1	13.7	9.7	4.0
18 and 19 years.....	100.0	4.8	41.4	53.8	37.4	16.4
20 years and over.....	100.0	2.1	4.3	93.7	54.9	38.8
20 to 24 years.....	100.0	3.5	13.0	83.6	54.3	29.3
25 years and over.....	100.0	1.9	3.1	95.0	55.0	40.0
25 to 44 years.....	100.0	1.7	1.4	96.8	54.1	42.7
45 to 64 years.....	100.0	2.0	1.9	96.0	57.8	38.2
65 years and over.....	100.0	3.0	35.6	61.4	38.8	22.6
Females, 16 years and over.....	100.0	3.6	25.5	70.9	57.7	13.2
16 to 21 years.....	100.0	4.0	43.3	52.7	46.1	6.6
16 to 19 years.....	100.0	3.9	58.5	37.5	33.2	4.3
16 and 17 years.....	100.0	2.1	86.7	11.2	9.0	2.2
18 and 19 years.....	100.0	5.1	40.5	54.3	48.6	5.7
20 years and over.....	100.0	3.6	22.2	74.2	60.1	14.1
20 to 24 years.....	100.0	3.8	17.1	79.1	66.7	12.4
25 years and over.....	100.0	3.5	23.2	73.2	58.8	14.4
25 to 44 years.....	100.0	3.4	24.2	72.4	59.8	12.6
45 to 64 years.....	100.0	3.7	19.9	76.4	60.0	16.4
65 years and over.....	100.0	2.9	46.9	50.3	35.7	14.6
COLOR						
White.....	100.0	2.3	14.8	82.9	53.9	29.0
Male.....	100.0	1.9	8.0	90.0	51.7	38.3
Female.....	100.0	3.0	26.1	70.9	57.4	13.5
Negro and other races.....	100.0	6.0	12.8	81.2	62.6	18.6
Male.....	100.0	4.7	6.5	88.9	64.6	24.3
Female.....	100.0	7.6	20.8	71.6	60.1	11.5
MARITAL STATUS						
Male:						
Married, wife present.....	100.0	1.8	3.0	95.2	54.2	41.0
Widowed, divorced, or separated.....	100.0	3.8	5.9	90.3	55.8	34.5
Single (never married).....	100.0	3.6	31.5	64.8	46.2	18.6
Female:						
Married, husband present.....	100.0	3.4	25.7	71.0	58.5	12.5
Widowed, divorced, or separated.....	100.0	4.8	17.2	78.0	59.7	18.3
Single (never married).....	100.0	3.1	31.8	65.2	54.2	11.0

HOUSEHOLD DATA

A-26: Persons at work in nonfarm occupations by full- or part-time status and sex
May 1970

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)					
TOTAL									
White-collar workers	36,601	426	5,377	30,798	19,755	4,040	7,003	40.0	44.1
Professional and technical	10,909	86	1,354	9,469	5,797	1,399	2,273	40.6	44.2
Managers, officials, and proprietors	8,077	64	335	7,678	3,204	1,224	3,250	47.9	49.3
Clerical workers	13,106	182	2,373	10,551	8,966	964	621	36.0	40.1
Sales workers	4,510	94	1,315	3,101	1,790	453	858	36.2	44.6
Blue-collar workers	26,057	1,127	1,950	22,980	15,740	3,744	3,496	39.9	42.6
Craftsmen and foremen	9,508	265	314	8,929	5,757	1,612	1,560	41.7	43.1
Operatives	13,014	630	930	11,454	8,098	1,712	1,644	39.9	42.5
Nonfarm laborers	3,536	233	706	2,597	1,884	420	293	34.6	41.3
Service workers	9,232	419	3,202	5,611	3,834	810	967	33.1	43.4
Private household	1,494	174	850	470	289	68	113	24.1	44.6
Other service workers	7,739	245	2,352	5,142	3,547	741	854	34.9	43.3
MALE									
White-collar workers	19,558	160	1,358	18,040	9,325	2,795	5,920	44.4	46.6
Professional and technical	6,712	38	409	6,265	3,570	914	1,781	43.6	45.5
Managers, officials, and proprietors	6,816	47	176	6,593	2,547	1,079	2,967	48.9	49.9
Clerical workers	3,388	37	372	2,979	2,148	433	398	39.3	42.3
Sales workers	2,642	39	401	2,202	1,060	368	774	41.5	46.2
Blue-collar workers	21,684	750	1,497	19,437	12,708	3,356	3,373	40.6	43.2
Craftsmen and foremen	9,205	246	268	8,691	5,577	1,577	1,537	41.9	43.2
Operatives	9,060	280	571	8,209	5,290	1,372	1,547	41.5	43.8
Nonfarm laborers	3,419	224	658	2,537	1,840	407	290	34.8	41.3
Service workers	3,069	67	643	2,359	1,393	390	576	38.9	45.6
Private household	32	2	20	10	4	2	4	25.0	51.1
Other service workers	3,037	65	623	2,349	1,388	388	573	39.1	45.5
FEMALE									
White-collar workers	17,043	266	4,019	12,758	10,430	1,246	1,082	35.0	40.5
Professional and technical	4,196	49	945	3,202	2,225	485	492	35.8	41.6
Managers, officials, and proprietors	1,261	17	159	1,085	657	145	283	42.7	46.2
Clerical workers	9,718	145	2,001	7,572	6,818	531	223	34.9	39.2
Sales workers	1,868	56	913	899	731	84	84	28.8	40.8
Blue-collar workers	4,373	376	453	3,544	3,032	389	123	36.0	39.4
Craftsmen and foremen	303	19	46	238	180	35	23	35.9	40.8
Operatives	3,954	349	359	3,246	2,807	341	98	36.2	39.3
Nonfarm laborers	116	9	47	60	42	15	3	29.4	40.6
Service workers	6,163	352	2,559	3,252	2,441	420	391	30.3	41.8
Private household	1,462	172	829	461	285	67	109	24.0	44.5
Other service workers	4,702	180	1,729	2,793	2,158	353	282	32.2	41.4

HOUSEHOLD DATA

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

May 1970

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)							
TOTAL							
White-collar workers	100.0	1.2	14.7	84.1	54.0	11.0	19.1
Professional and technical	100.0	.8	12.4	86.7	53.1	12.8	20.8
Managers, officials, and proprietors	100.0	.8	4.1	95.1	39.7	15.2	40.2
Clerical workers	100.0	1.4	18.1	80.5	68.4	7.4	4.7
Sales workers	100.0	2.1	29.2	68.7	39.7	10.0	19.0
Blue-collar workers	100.0	4.3	7.5	88.2	60.4	14.4	13.4
Craftsmen and foremen	100.0	2.8	3.3	93.9	60.5	17.0	16.4
Operatives	100.0	4.8	7.1	88.0	62.2	13.2	12.6
Nonfarm laborers	100.0	6.6	20.0	73.5	53.3	11.9	8.3
Service workers	100.0	4.5	34.7	60.8	41.5	8.8	10.5
Private household	100.0	11.6	56.9	31.5	19.3	4.6	7.6
Other service workers	100.0	3.2	30.4	66.4	45.8	9.6	11.0
MALE							
White-collar workers	100.0	.8	6.9	92.3	47.7	14.3	30.3
Professional and technical	100.0	.6	6.1	93.3	53.2	13.6	26.5
Managers, officials, and proprietors	100.0	.7	2.6	96.7	37.4	15.8	43.5
Clerical workers	100.0	1.1	11.0	87.9	63.4	12.8	11.7
Sales workers	100.0	1.5	15.2	83.3	40.1	13.9	29.3
Blue-collar workers	100.0	3.5	6.9	89.7	58.6	15.5	15.6
Craftsmen and foremen	100.0	2.7	2.9	94.4	60.6	17.1	16.7
Operatives	100.0	3.1	6.3	90.6	58.4	15.1	17.1
Nonfarm laborers	100.0	6.6	19.2	74.2	53.8	11.9	8.5
Service workers	100.0	2.2	21.0	76.9	45.4	12.7	18.8
Private household	100.0	6.3	62.5	31.3	12.5	6.3	12.5
Other service workers	100.0	2.1	20.5	77.4	45.7	12.8	18.9
FEMALE							
White-collar workers	100.0	1.6	23.6	74.8	61.2	7.3	6.3
Professional and technical	100.0	1.2	22.5	76.3	53.0	11.6	11.7
Managers, officials, and proprietors	100.0	1.3	12.6	86.0	52.1	11.5	22.4
Clerical workers	100.0	1.5	20.6	78.0	70.2	5.5	2.3
Sales workers	100.0	3.0	48.8	48.1	39.1	4.5	4.5
Blue-collar workers	100.0	8.6	10.4	81.0	69.3	8.9	2.8
Craftsmen and foremen	100.0	6.3	15.2	78.6	59.4	11.6	7.6
Operatives	100.0	8.8	9.1	82.1	71.0	8.6	2.5
Nonfarm laborers	100.0	7.8	40.5	51.7	36.2	12.9	2.6
Service workers	100.0	5.7	41.5	52.7	39.6	6.8	6.3
Private household	100.0	11.8	56.7	31.6	19.5	4.6	7.5
Other service workers	100.0	3.8	36.8	59.4	45.9	7.5	6.0

HOUSEHOLD DATA

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

May 1970

(In thousands)

Employment status	Total			White			Negro and other races		
	Both sexes	Male	Female	Both sexes	Male	Female	Both sexes	Male	Female
Civilian noninstitutional population.....	7,964	4,038	3,926	6,840	3,479	3,361	1,124	559	565
Civilian labor force.....	1,432	881	551	1,334	823	511	98	58	40
Employed.....	1,328	817	511	1,247	771	476	81	46	35
Agriculture.....	179	160	19	163	144	18	16	16	1
Nonagricultural industries.....	1,149	657	492	1,085	627	458	64	30	34
Unemployed.....	104	64	41	87	52	35	18	12	6
Not in labor force.....	6,532	3,157	3,375	5,506	2,656	2,850	1,026	501	525
Keeping house.....	69	11	58	58	11	46	11	--	11
Going to school.....	6,389	3,104	3,285	5,391	2,609	2,782	999	496	503
Unable to work.....	14	7	7	8	7	1	6	--	6
All other reasons.....	59	34	25	49	29	20	10	5	5

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

May 1970

Characteristics	Thousands of persons			Percent distribution		
	Both sexes	Male	Female	Both sexes	Male	Female
CLASS OF WORKER						
Total.....	1,328	817	511	100.0	100.0	100.0
Nonagricultural industries.....	1,149	657	492	86.6	80.3	96.1
Wage and salary workers.....	1,036	554	482	78.1	67.7	94.3
Private household workers.....	516	166	350	38.9	20.3	68.4
Government workers.....	36	15	22	2.7	1.8	4.3
Other wage and salary workers.....	484	373	111	36.5	45.6	21.7
Self-employed workers.....	95	90	5	7.2	11.0	1.0
Unpaid family workers.....	17	13	4	1.3	1.6	.8
Agriculture.....	179	160	19	13.4	19.7	3.9
Wage and salary workers.....	58	55	4	4.4	6.7	.8
Self-employed workers.....	23	22	2	1.7	2.7	.4
Unpaid family workers.....	97	84	14	7.3	10.3	2.7
OCCUPATION						
Total.....	1,328	817	511	100.0	100.0	100.0
White-collar workers.....	275	222	53	20.7	27.1	10.4
Professional and technical.....	12	4	8	.9	.5	1.6
Managers, officials, and proprietors.....	--	--	--	--	--	--
Clerical workers.....	42	16	26	3.2	2.0	5.1
Sales workers.....	221	201	19	16.7	24.6	3.7
Blue-collar workers.....	346	330	16	26.0	40.4	3.1
Craftsmen and foremen.....	9	8	1	.7	1.0	.2
Operatives.....	61	56	6	4.6	6.9	1.2
Nonfarm laborers.....	275	266	9	20.7	32.6	1.8
Service workers.....	553	128	425	41.7	15.7	83.2
Private household workers.....	352	8	345	26.5	1.0	67.4
Other service workers.....	201	120	81	15.1	14.7	15.8
Farm workers.....	154	138	17	11.6	16.9	3.3
Farmers and farm managers.....	5	5	--	.4	.6	--
Farm laborers and foremen.....	149	133	17	11.2	16.3	3.3

HOUSEHOLD DATA
SEASONALLY ADJUSTED

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

(In thousands)

Employment status, sex, and age	1970					1969							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Total													
Total labor force	85,783	86,143	86,087	85,590	85,599	85,023	84,872	85,051	84,868	84,517	84,310	84,028	83,652
Civilian labor force	82,555	82,872	82,769	82,249	82,213	81,583	81,379	81,523	81,325	80,987	80,789	80,504	80,130
Employed	78,449	78,924	79,112	78,822	79,041	78,737	78,528	78,445	78,194	78,142	77,931	77,741	77,321
Agriculture	3,613	3,586	3,550	3,499	3,426	3,435	3,434	3,446	3,498	3,614	3,561	3,683	3,777
Nonagricultural industries	74,836	75,338	75,562	75,323	75,615	75,302	75,094	74,999	74,696	74,528	74,370	74,058	73,544
On part time for economic reasons	2,249	2,360	1,936	1,821	1,915	1,858	1,830	1,945	1,933	1,955	1,789	1,818	1,744
Usually work full time	1,253	1,400	1,093	1,044	1,036	1,046	1,005	1,017	1,046	1,040	888	974	905
Usually work part time	996	960	843	777	879	812	825	928	887	915	901	844	839
Unemployed	4,106	3,948	3,657	3,427	3,172	2,846	2,851	3,078	3,131	2,845	2,858	2,763	2,809
Men, 20 years and over													
Total labor force	50,020	50,032	49,920	49,707	49,736	49,534	49,544	49,642	49,642	49,488	49,405	49,334	49,290
Civilian labor force	47,226	47,199	47,060	46,836	46,826	46,578	46,531	46,599	46,586	46,443	46,338	46,236	46,194
Employed	45,593	45,667	45,709	45,534	45,674	45,553	45,533	45,511	45,465	45,485	45,335	45,303	45,251
Agriculture	2,625	2,602	2,537	2,479	2,473	2,499	2,482	2,575	2,593	2,670	2,646	2,676	2,713
Nonagricultural industries	42,968	43,065	43,172	43,055	43,201	43,054	43,051	42,936	42,872	42,815	42,689	42,627	42,538
Unemployed	1,633	1,532	1,351	1,302	1,152	1,025	998	1,088	1,121	958	1,003	933	943
Women, 20 years and over													
Civilian labor force	27,885	28,274	28,295	28,066	28,073	27,875	27,671	27,767	27,634	27,664	27,524	27,341	27,055
Employed	26,476	27,022	27,016	26,925	27,060	26,897	26,663	26,699	26,543	26,626	26,512	26,322	26,041
Agriculture	567	571	583	630	586	585	555	554	535	582	547	610	622
Nonagricultural industries	25,909	26,451	26,433	26,295	26,474	26,312	26,108	26,145	26,008	26,044	25,965	25,712	25,419
Unemployed	1,409	1,252	1,279	1,141	1,013	978	1,008	1,068	1,091	1,038	1,012	1,019	1,014
Both sexes, 16-19 years													
Civilian labor force	7,444	7,399	7,414	7,347	7,314	7,130	7,177	7,157	7,105	6,880	6,927	6,927	6,881
Employed	6,380	6,235	6,387	6,363	6,307	6,287	6,332	6,235	6,186	6,031	6,084	6,116	6,029
Agriculture	421	413	430	390	367	351	397	317	370	362	368	397	442
Nonagricultural industries	5,959	5,822	5,957	5,973	5,940	5,936	5,935	5,918	5,816	5,669	5,716	5,719	5,587
Unemployed	1,064	1,164	1,027	984	1,007	843	845	922	919	849	843	811	852

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

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

(Numbers in thousands)

Full- and part-time employment status, sex, and age	1970					1969							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Full time													
Total, 16 years and over:													
Civilian labor force	71,116	70,810	70,557	70,407	70,623	70,269	70,184	70,190	70,308	70,052	69,735	69,533	69,273
Employed	67,742	67,720	67,707	67,781	68,235	68,017	68,039	68,010	67,993	67,915	67,572	67,408	67,128
Unemployed	3,374	3,090	2,850	2,626	2,388	2,252	2,145	2,180	2,315	2,137	2,163	2,125	2,145
Unemployment rate	4.7	4.4	4.0	3.7	3.4	3.2	3.1	3.1	3.3	3.1	3.1	3.1	3.1
Men, 20 years and over:													
Civilian labor force	45,061	44,898	44,715	44,536	44,604	44,486	44,420	44,447	44,482	44,303	44,177	44,158	44,143
Employed	43,554	43,487	43,460	43,348	43,561	43,506	43,515	43,539	43,524	43,485	43,279	43,318	43,293
Unemployed	1,507	1,411	1,255	1,188	1,043	980	905	908	958	818	898	840	850
Unemployment rate	3.3	3.1	2.8	2.7	2.3	2.2	2.0	2.0	2.2	1.8	2.0	1.9	1.9
Women, 20 years and over:													
Civilian labor force	21,937	22,054	21,982	21,965	22,146	21,813	21,852	21,862	21,878	21,971	21,752	21,636	21,501
Employed	20,736	21,042	20,982	21,087	21,332	21,089	21,096	21,059	21,036	21,116	20,956	20,812	20,684
Unemployed	1,201	1,012	1,000	878	814	724	756	803	842	855	796	824	817
Unemployment rate	5.5	4.6	4.5	4.0	3.7	3.3	3.5	3.7	3.8	3.9	3.7	3.8	3.8
Part time													
Total, 16 years and over:													
Civilian labor force	11,425	11,949	11,958	11,634	11,803	11,360	11,261	11,314	11,072	11,032	10,883	10,899	10,844
Employed	10,689	11,064	11,109	10,828	10,946	10,677	10,580	10,539	10,301	10,272	10,212	10,297	10,165
Unemployed	736	885	849	806	857	683	681	775	771	760	671	602	679
Unemployment rate	6.4	7.4	7.1	6.9	7.3	6.0	6.0	6.9	7.0	6.9	6.2	5.5	6.3

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

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-31: Employment status by color, sex, and age, seasonally adjusted
(In thousands)

Characteristics	1970					1969							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
White													
Total:													
Civilian labor force.....	73,358	73,662	73,621	73,169	73,159	72,589	72,392	72,447	72,261	71,835	71,733	71,513	71,332
Employed.....	69,998	70,499	70,617	70,406	70,558	70,266	70,093	69,930	69,733	69,548	69,447	69,361	69,103
Unemployed.....	3,360	3,163	3,004	2,763	2,601	2,323	2,299	2,517	2,528	2,287	2,286	2,152	2,229
Unemployment rate.....	4.6	4.3	4.1	3.8	3.6	3.2	3.2	3.5	3.5	3.2	3.2	3.0	3.1
Males, 20 years and over:													
Civilian labor force.....	42,480	42,498	42,407	42,194	42,133	41,953	41,959	41,956	41,965	41,838	41,724	41,645	41,624
Employed.....	41,123	41,232	41,260	41,115	41,165	41,122	41,130	41,022	41,044	41,052	40,890	40,875	40,840
Unemployed.....	1,357	1,266	1,147	1,079	968	831	829	934	921	786	834	770	784
Unemployment rate.....	3.2	3.0	2.7	2.6	2.3	2.0	2.0	2.2	2.2	1.9	2.0	1.8	1.9
Females, 20 years and over:													
Civilian labor force.....	24,259	24,601	24,599	24,437	24,504	24,243	24,053	24,174	23,979	23,973	23,894	23,760	23,607
Employed.....	23,139	23,623	23,576	23,520	23,665	23,429	23,245	23,308	23,116	23,136	23,108	22,955	22,818
Unemployed.....	1,120	978	1,023	917	839	814	808	866	863	837	786	805	789
Unemployment rate.....	4.6	4.0	4.2	3.8	3.4	3.4	3.4	3.6	3.6	3.5	3.3	3.4	3.3
Both sexes, 16 to 19 years:													
Civilian labor force.....	6,619	6,563	6,615	6,538	6,522	6,393	6,380	6,317	6,317	6,024	6,115	6,108	6,101
Employed.....	5,736	5,644	5,781	5,771	5,728	5,715	5,718	5,600	5,573	5,360	5,449	5,531	5,445
Unemployed.....	883	919	834	767	794	678	662	717	744	664	666	577	656
Unemployment rate.....	13.3	14.0	12.6	11.7	12.2	10.6	10.4	11.4	11.8	11.0	10.9	9.4	10.8
Negro and other races													
Total:													
Civilian labor force.....	9,235	9,213	9,253	9,160	9,259	9,115	9,042	9,011	8,962	9,061	8,920	8,888	8,834
Employed.....	8,500	8,414	8,598	8,520	8,675	8,598	8,484	8,419	8,366	8,479	8,339	8,287	8,270
Unemployed.....	735	799	655	640	584	517	558	592	596	582	581	601	564
Unemployment rate.....	8.0	8.7	7.1	7.0	6.3	5.7	6.2	6.6	6.7	6.4	6.5	6.8	6.4
Males, 20 years and over:													
Civilian labor force.....	4,729	4,656	4,693	4,675	4,731	4,657	4,602	4,607	4,599	4,611	4,571	4,573	4,557
Employed.....	4,455	4,399	4,484	4,461	4,550	4,480	4,430	4,424	4,409	4,442	4,398	4,397	4,399
Unemployed.....	274	257	209	214	181	177	172	183	190	169	173	176	158
Unemployment rate.....	5.8	5.5	4.5	4.6	3.8	3.8	3.7	4.0	4.1	3.7	3.8	3.8	3.5
Females, 20 years and over:													
Civilian labor force.....	3,669	3,713	3,715	3,656	3,676	3,664	3,608	3,576	3,595	3,638	3,554	3,529	3,503
Employed.....	3,403	3,421	3,466	3,440	3,497	3,502	3,412	3,373	3,372	3,412	3,333	3,316	3,296
Unemployed.....	266	292	249	216	179	162	196	203	223	226	221	213	207
Unemployment rate.....	7.2	7.9	6.7	5.9	4.9	4.4	5.4	5.7	6.2	6.2	6.2	6.0	5.9
Both sexes, 16 to 19 years:													
Civilian labor force.....	837	844	845	829	852	794	832	828	768	812	795	786	774
Employed.....	642	594	648	619	628	616	642	622	585	625	608	574	575
Unemployed.....	195	250	197	210	224	178	190	206	183	187	187	212	199
Unemployment rate.....	23.3	29.6	23.3	25.3	26.3	22.4	22.8	24.9	23.8	23.0	23.5	27.0	25.7

A-32: Unemployed persons by duration of unemployment, seasonally adjusted
(In thousands)

Duration of unemployment	1970					1969							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Less than 5 weeks.....	2,219	2,295	1,995	1,973	1,756	1,515	1,558	1,882	1,756	1,646	1,656	1,578	1,720
5 to 14 weeks.....	1,214	1,075	1,154	1,016	914	893	912	882	995	854	824	812	639
15 weeks and over.....	612	569	545	465	409	392	389	363	392	385	400	385	400
15 to 26 weeks.....	352	372	363	306	276	272	249	233	240	250	233	255	263
27 weeks and over.....	260	197	182	159	133	120	140	130	152	135	167	130	137
Average (mean) duration.....	9.0	8.2	8.4	8.1	7.8	8.1	8.0	7.3	7.9	7.8	8.2	8.4	8.2

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-33: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

Selected categories	1970					1969							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Total (all civilian workers)	5.0	4.8	4.4	4.2	3.9	3.5	3.5	3.8	3.8	3.5	3.5	3.4	3.5
Men, 20 years and over	3.5	3.2	2.9	2.8	2.5	2.2	2.1	2.3	2.4	2.1	2.2	2.0	2.0
Women, 20 years and over	5.1	4.4	4.5	4.1	3.6	3.5	3.6	3.8	3.9	3.8	3.7	3.7	3.7
Both sexes, 16-19 years	14.3	15.7	13.9	13.4	13.8	11.8	11.8	12.9	12.9	12.3	12.2	11.7	12.4
White	4.6	4.3	4.1	3.8	3.6	3.2	3.2	3.5	3.5	3.2	3.2	3.0	3.1
Negro and other races	8.0	8.7	7.1	7.0	6.3	5.7	6.2	6.6	6.7	6.4	6.5	6.8	6.4
Married men	2.6	2.4	2.2	2.0	1.8	1.7	1.5	1.6	1.7	1.5	1.6	1.5	1.5
Full-time workers	4.7	4.4	4.0	3.7	3.4	3.2	3.1	3.1	3.3	3.1	3.1	3.1	3.1
Part-time workers	6.4	7.4	7.1	6.9	7.3	6.0	6.0	6.9	7.0	6.9	6.2	5.5	6.3
Unemployed 15 weeks and over ¹ . . . . .	.7	.7	.7	.6	.5	.5	.4	.5	.5	.5	.5	.5	.5
State insured ²	3.6	3.1	2.7	2.7	2.5	2.4	2.4	2.2	2.2	2.1	2.2	2.1	2.0
Labor force time lost ³	5.4	5.1	4.8	4.5	4.2	3.9	4.0	4.3	4.3	4.0	4.0	3.8	3.8
Occupation													
White-collar workers	2.8	2.9	2.7	2.3	2.1	2.1	2.1	2.4	2.2	2.2	2.2	2.1	2.0
Professional and technical	2.1	2.1	2.3	1.7	1.5	1.8	1.2	1.6	1.4	1.3	1.4	1.3	1.3
Managers, officials, and proprietors	1.1	1.2	1.2	1.0	.9	1.0	.9	.9	1.0	1.0	.9	1.0	.9
Clerical workers	3.9	4.0	3.6	3.2	3.1	2.8	3.5	3.4	3.2	3.2	3.2	3.0	2.9
Sales workers	4.4	4.1	3.5	3.4	2.8	2.6	2.2	3.5	2.8	2.9	3.2	2.8	2.9
Blue-collar workers	6.2	5.7	5.2	5.0	4.6	4.3	4.2	4.2	4.4	3.8	3.8	3.7	3.8
Craftsmen and foremen	4.2	3.5	3.1	2.5	2.3	2.3	2.1	2.4	2.6	2.1	1.9	1.9	2.3
Operatives	6.7	6.3	6.2	6.0	5.1	5.0	4.9	4.9	4.7	4.2	4.2	4.3	4.1
Nonfarm laborers	9.1	8.8	7.4	7.7	8.5	7.4	6.9	6.5	7.6	6.8	7.1	6.1	6.5
Service workers	4.9	5.0	4.9	4.8	4.5	3.6	4.0	4.2	4.8	4.5	4.3	4.4	4.2
Farm workers	3.5	2.1	2.3	1.9	2.1	2.1	1.4	1.8	1.9	1.9	2.9	1.9	1.8
Industry													
Private wage and salary workers ⁴	5.2	4.8	4.6	4.3	3.9	3.6	3.6	3.8	3.9	3.5	3.5	3.5	3.5
Construction	11.9	8.1	8.1	7.9	7.1	6.0	5.4	7.3	7.4	7.0	5.9	5.1	5.7
Manufacturing	5.2	4.7	4.7	4.6	3.8	3.8	3.7	3.6	3.7	2.9	3.2	3.3	3.1
Durable goods	4.9	4.9	4.8	4.7	3.8	3.7	3.6	3.2	3.2	2.3	3.1	3.2	2.9
Nondurable goods	5.7	4.5	4.6	4.4	3.8	3.9	3.9	4.2	4.3	3.7	3.3	3.4	3.4
Transportation and public utilities	3.3	3.9	3.1	2.4	2.9	2.4	2.4	2.9	2.0	2.0	2.0	1.9	2.4
Wholesale and retail trade	5.1	5.5	4.7	4.7	4.3	3.9	3.9	4.2	4.5	4.3	4.1	4.2	4.1
Finance and service industries	4.2	3.9	4.0	3.2	3.1	2.7	3.2	3.1	3.4	3.4	3.6	3.2	3.3
Government wage and salary workers	2.2	2.2	2.1	2.0	2.2	2.0	2.1	2.4	1.9	1.9	1.8	1.7	1.7
Agricultural wage and salary workers	9.3	5.9	6.4	5.8	6.2	6.5	5.2	6.3	6.5	6.5	8.9	5.6	5.3

¹Unemployment rate calculated as a percent of civilian labor force.

²Insured unemployment under State programs as a percent of average covered employment.

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

Sex and age	1970					1969							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Total, 16 years and over	5.0	4.8	4.4	4.2	3.9	3.5	3.5	3.8	3.8	3.5	3.5	3.4	3.5
16 to 19 years	14.3	15.7	13.9	13.4	13.8	11.8	11.8	12.9	12.9	12.3	12.2	11.7	12.4
16 and 17 years	15.6	18.7	15.7	16.3	17.2	13.7	14.3	16.5	16.1	15.8	14.6	13.5	14.0
18 and 19 years	13.8	13.8	12.4	11.7	11.6	10.2	9.2	10.4	10.6	9.8	10.3	10.1	11.5
20 to 24 years	8.1	7.7	6.8	7.3	6.1	5.8	5.8	6.4	6.5	5.4	5.8	5.4	5.5
25 years and over	3.3	3.1	3.0	2.6	2.4	2.2	2.2	2.4	2.4	2.3	2.3	2.2	2.2
25 to 54 years	3.4	3.2	3.1	2.7	2.5	2.3	2.1	2.4	2.5	2.3	2.3	2.3	2.3
55 years and over	3.3	2.8	2.7	2.4	2.0	2.1	1.9	2.3	2.2	2.0	2.0	2.0	1.7
Males, 16 years and over	4.4	4.2	3.6	3.6	3.3	2.9	2.9	3.1	3.2	2.8	2.9	2.7	2.7
16 to 19 years	15.0	15.2	12.5	13.0	12.6	11.0	11.7	11.8	12.0	11.3	11.8	10.7	11.1
16 and 17 years	16.4	17.2	14.6	15.4	14.9	13.1	13.7	14.4	15.0	15.5	14.4	13.0	13.9
18 and 19 years	14.6	13.9	10.8	11.0	10.8	9.3	8.9	9.6	9.4	7.8	9.7	8.5	9.2
20 to 24 years	7.7	7.9	6.4	6.9	6.1	5.5	5.3	6.3	6.4	4.5	5.3	4.8	4.8
25 years and over	2.9	2.6	2.4	2.2	2.0	1.8	1.7	1.9	1.8	1.7	1.7	1.6	1.7
25 to 54 years	2.8	2.6	2.3	2.1	2.0	1.7	1.4	1.8	1.8	1.6	1.7	1.5	1.7
55 years and over	3.1	2.8	2.8	2.4	2.1	2.2	1.9	2.2	2.0	2.0	1.9	1.8	1.6
Females, 16 years and over	5.9	5.7	5.7	5.1	4.8	4.5	4.5	4.9	5.0	4.8	4.6	4.7	4.8
16 to 19 years	13.4	16.4	15.6	13.9	15.2	12.8	11.9	14.2	14.2	13.6	12.7	13.0	14.0
16 and 17 years	14.6	20.6	17.0	17.3	20.3	14.7	15.0	19.2	17.7	16.2	14.8	14.3	14.2
18 and 19 years	12.9	13.7	14.3	12.7	12.4	11.2	9.6	11.3	12.0	12.0	11.0	11.9	14.1
20 to 24 years	8.7	7.5	7.2	7.6	6.2	6.1	6.5	6.5	6.6	6.3	6.3	6.0	6.4
25 years and over	4.2	3.8	4.0	3.3	3.0	3.0	3.1	3.4	3.4	3.3	3.2	3.3	3.1
25 to 54 years	4.3	4.2	4.4	3.6	3.3	3.3	3.4	3.6	3.7	3.6	3.5	3.6	3.4
55 years and over	3.6	2.7	2.5	2.3	1.7	1.9	2.0	2.5	2.5	2.1	2.3	2.3	1.9

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

(Numbers in thousands)

Reason for unemployment	1970					1969							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
Number of unemployed													
Lost last job	1,912	1,613	1,503	1,390	1,202	1,170	1,033	1,010	993	981	1,009	1,055	1,029
Left last job	550	573	466	473	460	455	426	411	483	452	434	451	400
Reentered labor force	1,168	1,207	1,225	1,089	1,106	916	999	1,079	1,079	1,041	967	843	985
Never worked before	464	550	479	477	509	358	358	462	495	411	426	400	399
Percent distribution													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Lost last job	46.7	40.9	40.9	40.5	36.7	40.4	36.7	34.1	32.6	34.0	35.6	38.4	36.6
Left last job	13.4	14.5	12.7	13.8	14.0	15.7	15.1	13.9	15.8	15.7	15.3	16.4	14.2
Reentered labor force	28.5	30.6	33.4	31.8	33.8	31.6	35.5	36.4	35.4	36.1	34.1	30.7	35.0
Never worked before	11.3	13.9	13.0	13.9	15.5	12.3	12.7	15.6	16.2	14.2	15.0	14.6	14.2
Unemployed as a percent of the civilian labor force													
Lost last job	2.3	1.9	1.8	1.7	1.5	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.3
Left last job . . . . .	.7	.7	.6	.6	.6	.6	.5	.5	.6	.6	.5	.6	.5
Reentered labor force	1.4	1.5	1.5	1.3	1.3	1.1	1.2	1.3	1.3	1.3	1.2	1.0	1.2
Never worked before . . . . .	.6	.7	.6	.6	.6	.5	.4	.6	.6	.5	.5	.5	.6

HOUSEHOLD DATA
SEASONALLY ADJUSTED

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

(In thousands)

Sex and age	1970					1969								
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	
Total														
16 years and over	78,449	78,924	79,112	78,822	79,041	78,737	78,528	78,445	78,194	78,142	77,931	77,741	77,321	
16 to 19 years	6,380	6,235	6,387	6,363	6,307	6,287	6,332	6,235	6,186	6,031	6,084	6,116	6,029	
16 and 17 years	2,686	2,656	2,774	2,760	2,713	2,667	2,707	2,625	2,614	2,474	2,526	2,541	2,534	
18 and 19 years	3,672	3,590	3,654	3,634	3,647	3,660	3,654	3,598	3,565	3,530	3,515	3,569	3,467	
20 to 24 years	9,593	9,583	9,593	9,538	9,644	9,441	9,506	9,457	9,428	9,477	9,371	9,356	9,173	
25 years and over	62,557	63,078	63,134	62,970	63,132	62,998	62,709	62,770	62,589	62,630	62,433	62,199	62,195	
25 to 54 years	48,558	48,909	48,846	48,821	49,043	48,945	48,619	48,600	48,435	48,492	48,304	48,189	48,149	
55 years and over	13,980	14,188	14,326	14,203	14,223	14,117	14,075	14,096	14,108	14,121	14,052	13,969	14,036	
Male														
16 years and over	49,081	49,099	49,313	49,058	49,204	49,055	49,067	48,949	48,956	48,819	48,702	48,697	48,654	
16 to 19 years	3,488	3,432	3,604	3,524	3,530	3,502	3,534	3,438	3,491	3,334	3,367	3,394	3,403	
16 and 17 years	1,519	1,529	1,601	1,558	1,580	1,550	1,600	1,536	1,586	1,454	1,496	1,498	1,504	
18 and 19 years	1,954	1,896	2,027	1,984	1,974	1,987	1,954	1,905	1,914	1,861	1,838	1,892	1,882	
20 to 24 years	5,213	5,154	5,146	5,102	5,117	5,093	5,088	5,068	5,071	5,107	5,029	5,036	5,008	
25 years and over	40,395	40,501	40,567	40,468	40,571	40,500	40,418	40,421	40,403	40,407	40,274	40,231	40,255	
25 to 54 years	31,328	31,369	31,402	31,352	31,409	31,469	31,353	31,324	31,288	31,336	31,284	31,258	31,238	
55 years and over	9,073	9,131	9,181	9,148	9,209	9,067	9,076	9,076	9,098	9,051	8,975	8,941	9,025	
Female														
16 years and over	29,368	29,825	29,799	29,764	29,837	29,682	29,461	29,496	29,238	29,323	29,229	29,044	28,667	
16 to 19 years	2,892	2,803	2,783	2,839	2,777	2,785	2,798	2,797	2,695	2,697	2,717	2,722	2,626	
16 and 17 years	1,167	1,127	1,173	1,202	1,133	1,117	1,107	1,089	1,028	1,020	1,030	1,043	1,030	
18 and 19 years	1,718	1,694	1,627	1,650	1,673	1,673	1,700	1,693	1,651	1,669	1,677	1,677	1,585	
20 to 24 years	4,380	4,429	4,447	4,436	4,527	4,348	4,418	4,389	4,357	4,370	4,342	4,320	4,165	
25 years and over	22,162	22,577	22,576	22,502	22,561	22,498	22,291	22,349	22,186	22,223	22,159	21,968	21,940	
25 to 54 years	17,230	17,540	17,444	17,469	17,634	17,476	17,266	17,276	17,147	17,156	17,020	16,931	16,911	
55 years and over	4,907	5,057	5,145	5,055	5,014	5,050	4,999	5,020	5,010	5,070	5,077	5,028	5,011	

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

(In thousands)

Occupation group	1970					1969								
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	
White-collar workers	37,889	38,006	37,936	37,927	37,950	37,641	37,483	37,406	37,047	36,917	36,807	36,896	36,673	
Professional and technical	11,023	11,166	11,016	10,966	11,097	11,007	10,887	10,915	10,763	10,699	10,831	10,788	10,714	
Managers, officials, and proprietors	8,378	8,206	8,268	8,186	8,190	8,164	8,222	8,037	8,022	7,958	7,931	7,963	8,028	
Clerical workers	13,700	13,848	13,884	13,965	13,869	13,699	13,530	13,737	13,573	13,528	13,334	13,406	13,279	
Sales workers	4,788	4,786	4,768	4,810	4,794	4,771	4,844	4,717	4,689	4,732	4,711	4,739	4,652	
Blue-collar workers	27,621	27,927	28,192	28,274	28,241	28,323	28,432	28,412	28,520	28,429	28,325	28,061	27,687	
Craftsmen and foremen	10,036	10,211	10,375	10,268	10,148	10,323	10,258	10,215	10,162	10,189	10,170	10,105	9,977	
Operatives	13,863	14,021	14,018	14,204	14,281	14,268	14,433	14,535	14,676	14,560	14,532	14,288	14,079	
Nonfarm laborers	3,722	3,695	3,799	3,802	3,812	3,732	3,741	3,662	3,682	3,680	3,623	3,668	3,631	
Service workers	9,589	9,634	9,729	9,562	9,728	9,688	9,558	9,520	9,531	9,467	9,480	9,403	9,417	
Farmers and farm laborers	3,266	3,210	3,214	3,160	3,084	3,037	3,087	3,143	3,199	3,258	3,238	3,403	3,484	

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	1,229	1,229	10,300	3,882	5,290	-	-	1,190	2,684	3,607	-	-
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	4,241	5,944	2,808	3,137
1946.....	41,674	862	1,661	14,703	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	955	1,982	15,545	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	994	2,169	15,582	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	930	2,165	14,441	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	901	2,333	15,241	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	929	2,603	16,393	4,226	9,742	2,606	7,136	1,991	5,576	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	9,586	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.....	67,915	606	3,285	19,781	4,310	14,004	3,611	10,473	3,382	10,623	11,845	2,737	9,109
1969.....	70,274	619	3,437	20,169	4,431	14,645	3,738	10,907	3,557	11,211	12,204	2,758	9,446
1969: May.....	70,064	614	3,434	20,027	4,411	14,517	3,678	10,839	3,533	11,236	12,292	2,740	9,552
June.....	71,116	629	3,628	20,367	4,494	14,713	3,758	10,955	3,584	11,353	12,328	2,832	9,496
July.....	70,481	635	3,707	20,164	4,507	14,663	3,787	10,876	3,628	11,384	11,793	2,842	8,951
August.....	70,758	638	3,731	20,497	4,510	14,670	3,796	10,874	3,641	11,372	11,699	2,804	8,895
September.....	70,964	630	3,687	20,482	4,508	14,714	3,781	10,933	3,595	11,300	12,048	2,733	9,315
October.....	71,333	623	3,648	20,395	4,481	14,850	3,801	11,049	3,589	11,372	12,375	2,717	9,658
November.....	71,354	622	3,553	20,194	4,436	15,092	3,816	11,276	3,597	11,349	12,461	2,705	9,756
December.....	71,760	623	3,398	20,110	4,478	15,638	3,841	11,797	3,608	11,351	12,554	2,760	9,794
1970: January..	69,933	611	3,048	19,824	4,435	14,707	3,797	10,910	3,604	11,254	12,450	2,690	9,760
February.....	70,029	608	3,071	19,770	4,420	14,606	3,788	10,818	3,615	11,357	12,582	2,694	9,888
March.....	70,460	610	3,161	19,794	4,443	14,700	3,797	10,903	3,639	11,433	12,680	2,758	9,922
April.....	70,721	616	3,284	19,619	4,428	14,803	3,800	11,003	3,661	11,552	12,758	2,838	9,920
May.....	70,779	620	3,338	19,418	4,464	14,868	3,806	11,062	3,676	11,630	12,765	2,824	9,941

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

(In thousands)

SIC CODE	Industry	All employees					Production workers ¹				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
-	TOTAL	70,779	70,721	70,460	70,064	69,591	-	-	-	-	-
-	PRIVATE SECTOR	58,014	57,963	57,780	57,772	57,329	47,886	47,820	47,648	47,834	47,447
-	MINING	620	616	610	614	609	472	469	462	467	463
10	METAL MINING	-	92.8	92.4	88.1	87.1	-	74.9	74.6	71.2	70.3
101	Iron ores	-	25.5	25.2	25.9	25.0	-	20.7	20.4	21.2	20.2
102	Copper ores	-	36.0	35.9	32.7	32.7	-	28.8	28.8	26.1	26.2
11,12	COAL MINING	-	140.9	140.1	133.4	132.9	-	122.5	121.4	115.1	114.5
12	Bicuminous coal and lignite mining	-	135.2	134.5	127.8	127.3	-	117.4	116.4	110.2	109.6
13	OIL AND GAS EXTRACTION	-	267.2	265.9	275.7	275.0	-	177.2	175.6	184.7	184.6
131,2	Crude petroleum and natural gas fields ...	-	140.6	140.9	144.0	144.7	-	72.4	72.7	74.4	74.9
138	Oil and gas field services	-	126.6	125.0	131.7	130.3	-	104.8	102.9	110.3	109.7
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	115.4	111.3	117.1	114.3	-	94.6	90.8	96.1	93.3
142	Crushed and broken stone	-	40.2	38.2	40.5	39.3	-	33.7	31.8	34.3	32.9
144	Sand and gravel	-	36.6	34.8	38.5	36.8	-	-	-	-	-
	CONTRACT CONSTRUCTION	3,338	3,284	3,161	3,434	3,285	2,786	2,735	2,611	2,897	2,752
	GENERAL BUILDING CONTRACTORS	-	975.7	956.0	1,031.1	1,016.3	-	813.7	794.4	873.0	859.0
16	HEAVY CONSTRUCTION CONTRACTORS ..	-	687.8	607.7	736.4	641.3	-	578.1	500.0	634.5	541.4
161	Highway and street construction	-	288.2	233.3	352.9	282.9	-	250.0	195.5	313.9	244.5
162	Heavy construction, n e c	-	399.6	374.4	383.5	358.4	-	328.1	304.5	320.6	296.9
17	SPECIAL TRADE CONTRACTORS	-	1,620.1	1,596.9	1,666.3	1,627.4	-	1,343.0	1,316.7	1,389.5	1,351.6
171	Plumbing, heating, air conditioning	-	390.4	395.7	400.3	398.5	-	312.5	317.8	321.8	320.1
172	Painting, paper hanging, decorating	-	125.2	116.2	132.5	123.6	-	109.2	99.8	117.4	108.7
173	Electrical work	-	279.6	279.2	277.7	275.0	-	223.3	223.3	223.9	221.0
174	Masonry, stonework, and plastering	-	215.8	215.4	231.9	228.3	-	194.4	193.9	208.9	205.3
176	Roofing and sheet metal work	-	114.8	110.7	116.1	115.0	-	94.0	90.3	95.2	94.1
	MANUFACTURING	19,418	19,619	19,794	20,027	19,996	14,070	14,236	14,385	14,655	14,637
19,24,25, 32-39	DURABLE GOODS	11,358	11,484	11,607	11,857	11,844	8,179	8,279	8,379	8,624	8,620
20-23, 26-31	NONDURABLE GOODS	8,060	8,135	8,187	8,170	8,152	5,891	5,957	6,006	6,031	6,017
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	252.4	260.0	271.0	328.2	330.5	139.5	141.2	150.2	189.0	190.8
192	Ammunition, except for small arms	180.3	184.6	193.0	241.2	243.2	93.8	93.4	100.3	133.3	134.8
1925	Complete guided missiles	-	105.0	109.3	131.6	131.7	-	32.1	33.7	44.1	43.7
1929	Ammunition, exc. for small arms, nec ...	-	79.6	83.7	109.6	111.5	-	61.3	66.6	89.2	91.1
24	LUMBER AND WOOD PRODUCTS	582.4	574.3	578.6	611.6	598.6	504.4	493.2	497.6	531.8	519.5
241	Logging camps & logging contractors	79.8	71.3	74.6	76.5	68.5	-	-	-	-	-
242	Sawmills and planing mills	(*)	215.7	216.7	233.5	230.2	(*)	195.6	196.7	212.3	209.6
2421	Sawmills and planing mills, general	-	181.7	181.8	196.1	192.4	-	165.1	165.3	178.5	175.5
243	Millwork, plywood & related products	163.2	162.4	161.9	176.1	174.8	135.4	134.2	133.5	149.0	147.6
2431	Millwork	-	70.1	69.5	75.6	75.8	-	55.9	55.3	61.7	61.9
2432	Veneer and plywood	-	71.3	71.6	77.2	77.3	-	63.6	63.8	70.3	70.3
244	Wooden containers	(*)	34.9	34.8	36.3	36.4	(*)	30.9	30.9	32.5	32.6
2441,2	Wooden boxes, shooks, and crates	-	27.6	27.4	29.6	29.3	-	24.4	24.3	26.5	26.2
249	Miscellaneous wood products	89.4	90.0	90.6	89.2	88.7	74.7	75.4	76.2	75.2	74.7

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 ¹				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
<i>Durable Goods--Continued</i>											
25	FURNITURE AND FIXTURES.....	452.0	463.5	468.6	480.6	481.7	371.5	381.6	387.6	398.9	399.9
2511	Household furniture.....	(*)	323.6	326.6	337.1	338.7	(*)	273.0	277.1	287.7	289.7
2511	Wood household furniture.....	—	161.1	162.7	172.6	173.7	—	141.1	143.1	152.4	153.8
2512	Upholstered household furniture.....	—	86.2	86.7	88.9	89.3	—	71.3	72.0	74.8	75.3
2515	Mattresses and bedsprings.....	—	37.1	37.5	38.4	38.4	—	28.5	29.2	30.1	30.1
252	Office furniture.....	—	39.0	39.7	38.8	38.5	—	30.4	31.1	30.6	30.2
254	Partitions and fixtures.....	—	50.4	51.4	50.3	50.0	—	39.3	40.1	38.4	38.1
253,9	Other furniture and fixtures.....	50.1	50.5	50.9	54.4	54.5	38.2	38.9	39.3	42.2	41.9
32	STONE, CLAY, AND GLASS PRODUCTS...	632.8	639.7	635.1	651.9	649.8	501.6	507.4	503.1	523.2	521.6
321	Flat glass.....	—	23.5	24.4	24.1	25.8	—	17.1	18.0	17.9	19.3
322	Glass and glassware, pressed or blown...	131.6	130.9	129.6	129.2	127.3	115.0	114.1	112.8	113.8	112.1
3221	Glass containers.....	—	74.6	73.1	72.3	70.7	—	66.6	65.1	65.8	64.4
3229	Pressed and blown glass, n e c.....	—	56.3	56.5	56.9	56.6	—	47.5	47.7	48.0	47.7
324	Cement, hydraulic.....	33.7	33.8	33.6	33.5	34.5	25.9	26.0	25.7	25.4	26.5
325	Structural clay products.....	59.0	58.9	57.8	64.2	64.0	47.9	47.9	46.7	53.3	52.9
3251	Brick and structural clay tile.....	—	25.8	24.8	28.3	28.1	—	22.3	21.4	25.0	24.7
326	Pottery and related products.....	—	44.0	45.3	45.0	45.0	—	36.7	37.9	38.4	38.3
327	Concrete, gypsum, and plaster products...	185.7	182.8	178.5	189.0	185.9	144.4	140.9	137.2	148.1	145.3
328,9	Other stone and nonmetallic mineral products	(*)	138.9	138.9	138.6	139.4	(*)	103.7	103.7	103.6	104.8
3291	Abrasive products.....	—	27.2	27.2	26.9	27.5	—	18.9	18.8	18.4	18.9
33	PRIMARY METAL INDUSTRIES.....	1,308.8	1,327.2	1,338.1	1,354.1	1,344.4	1,040.9	1,056.2	1,065.5	1,082.0	1,075.1
331	Blast furnace and basic steel products...	(*)	631.6	635.6	641.2	635.4	(*)	503.0	506.6	512.1	508.0
3312	Blast furnaces and steel mills.....	—	551.0	554.9	558.2	552.8	—	440.8	444.3	448.2	444.4
332	Iron and steel foundries.....	231.7	233.3	235.3	234.2	232.1	193.5	195.1	197.1	197.0	195.2
3321	Gray iron foundries.....	—	145.3	147.0	147.0	145.8	—	123.5	125.2	125.9	124.9
3322	Malleable iron foundries.....	—	22.7	22.6	23.6	23.3	—	18.9	18.7	19.7	19.5
3323	Steel foundries.....	—	65.3	65.7	63.6	63.0	—	52.7	53.2	51.4	50.8
333,4	Nonferrous metals.....	85.7	86.2	86.2	85.5	85.4	66.4	66.5	66.7	66.1	66.3
3334	Primary aluminum.....	—	30.8	30.9	29.6	29.6	—	25.2	25.3	24.3	24.3
335	Nonferrous rolling and drawing.....	212.6	215.4	218.3	223.6	221.3	159.2	161.4	163.3	168.6	166.9
3351	Copper rolling and drawing.....	—	44.4	45.0	47.7	47.7	—	33.1	33.6	36.2	36.1
3352	Aluminum rolling and drawing.....	—	68.6	70.6	74.5	73.3	—	50.8	51.7	55.6	54.8
3357	Nonferrous wire drawing and insulating..	—	79.3	79.1	78.0	77.0	—	61.1	61.2	60.3	59.5
336	Nonferrous foundries.....	(*)	87.6	87.9	93.4	93.7	(*)	72.2	72.4	77.6	78.0
3361	Aluminum castings.....	—	46.4	46.8	47.9	48.2	—	39.1	39.5	40.6	40.8
3362,9	Other nonferrous castings.....	—	41.2	41.1	45.5	45.5	—	33.1	32.9	37.0	37.2
339	Miscellaneous primary metal products....	(*)	73.1	74.8	76.2	76.5	(*)	58.0	59.4	60.6	60.7
3391	Iron and steel forgings.....	—	47.9	49.0	49.8	49.8	—	38.2	39.1	40.0	40.0
34	FABRICATED METAL PRODUCTS.....	1,383.3	1,401.3	1,416.1	1,434.1	1,429.7	1,051.1	1,068.9	1,079.5	1,105.1	1,100.4
341	Metal cans.....	70.7	70.9	70.5	71.3	69.3	59.0	59.2	58.7	60.8	58.9
342	Cutlery, hand tools, and hardware.....	(*)	158.2	160.9	165.4	165.3	(*)	122.5	123.9	130.3	128.5
3421,3,5	Cutlery and hand tools, incl. saws.....	—	67.0	68.3	66.0	65.6	—	51.8	52.6	51.1	50.8
3429	Hardware, n e c.....	—	91.2	92.6	99.4	99.7	—	70.7	71.3	79.2	77.7
343	Plumbing and heating, except electric....	(*)	82.3	84.4	86.6	84.8	(*)	60.8	62.2	64.2	62.9
3431,2	Sanitary ware & plumbers' brass goods..	—	36.6	37.3	39.0	39.1	—	29.1	29.7	30.8	31.0
3433	Heating equipment, except electric.....	—	45.7	47.1	47.6	45.7	—	31.7	32.5	33.4	31.9
344	Fabricated structural metal products.....	416.9	420.9	425.3	426.1	422.2	298.0	302.3	305.1	308.1	304.8
3441	Fabricated structural steel.....	—	107.4	109.2	110.8	111.2	—	79.0	80.1	81.9	82.4
3442	Metal doors, sash, and trim.....	—	64.1	64.6	69.5	67.7	—	45.6	45.8	50.5	48.8
3443	Fabricated plate work (boiler shops)....	—	122.1	121.7	116.4	114.7	—	86.7	86.1	81.7	80.4
3444	Sheet metal work.....	—	80.1	81.6	81.7	81.5	—	57.7	59.0	59.9	59.8
3446,9	Architectural and misc. metal work....	—	47.2	48.2	47.7	47.1	—	33.3	34.1	34.1	33.4
345	Screw machine products, bolts, etc.....	111.2	113.2	115.5	113.1	113.1	86.1	87.9	89.9	89.1	89.2
3451	Screw machine products.....	—	50.2	51.3	51.3	51.0	—	41.9	43.0	43.3	43.3
3452	Bolts, nuts, rivets, and washers.....	—	63.0	64.2	61.8	62.1	—	46.0	46.9	45.8	45.9
346	Metal stampings.....	236.6	240.2	240.3	252.3	254.9	189.7	192.9	193.1	203.9	206.8
347	Metal services, n e c.....	90.8	90.7	91.9	93.5	94.4	74.5	74.4	75.5	77.7	78.6
348	Misc. fabricated wire products.....	63.3	65.1	67.3	69.6	69.6	49.8	51.5	53.6	55.9	55.5
349	Misc. fabricated metal products.....	158.6	159.8	160.0	156.2	156.1	116.2	117.4	117.5	115.1	115.2
3494,8	Valves, pipe, and pipe fittings.....	—	95.4	95.5	93.6	93.9	—	67.5	67.6	66.1	66.4

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 ¹				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
<i>Durable Goods--Continued</i>											
35	MACHINERY, EXCEPT ELECTRICAL	2,016.2	2,041.2	2,058.3	2,022.7	2,028.8	1,348.6	1,376.3	1,394.6	1,378.4	1,388.2
351	Engines and turbines	106.5	108.6	111.4	114.1	114.2	71.2	74.3	77.5	78.5	78.5
3511	Steam engines and turbines	-	39.2	38.8	40.3	40.4	-	24.0	24.0	23.4	23.4
3519	Internal combustion engines, n e c	-	69.4	72.6	73.8	73.8	-	50.3	53.5	55.1	55.1
352	Farm machinery	-	134.8	137.0	138.8	143.3	-	96.5	98.4	98.5	103.1
353	Construction and related machinery	296.9	300.6	300.3	291.1	290.4	197.2	200.9	200.9	194.5	194.7
3531,2	Construction and mining machinery	-	158.8	158.2	153.6	153.7	-	110.4	110.1	107.2	107.3
3533	Oil field machinery	-	47.6	47.4	45.4	45.0	-	33.0	32.9	31.5	31.2
3535,6	Conveyors, hoists, cranes, monorails	-	43.9	44.0	43.7	43.4	-	27.1	27.1	27.4	27.1
3537	Industrial trucks and tractors	-	34.7	35.2	33.8	33.1	-	22.2	22.6	21.7	21.3
354	Metal working machinery	336.2	341.0	346.3	340.9	342.3	248.9	253.1	258.1	254.2	255.9
3541	Machine tools, metal cutting types	-	76.9	77.4	77.6	77.5	-	51.8	51.9	52.6	52.4
3544	Special dies, tools, jigs, & fixtures	-	126.9	129.4	124.9	126.3	-	103.3	106.1	102.2	103.8
3545	Machine tool accessories	-	58.6	59.2	59.6	59.8	-	42.6	43.0	43.4	43.6
3542,8	Misc. metal working machinery	-	78.6	80.3	78.8	78.7	-	55.4	57.1	56.0	56.1
355	Special industry machinery	(*)	200.7	203.0	203.3	204.7	(*)	132.0	133.8	135.6	137.3
3551	Food products machinery	-	43.9	44.0	42.8	43.0	-	28.2	28.4	27.5	27.7
3552	Textile machinery	-	38.2	39.2	42.3	42.7	-	28.3	29.1	32.0	32.4
3555	Printing trades machinery	-	33.3	33.9	33.0	33.1	-	21.0	21.6	21.5	21.8
356	General industrial machinery	285.8	289.3	292.7	287.3	290.8	189.2	192.8	195.7	190.0	192.3
3561	Pumps and compressors	-	77.1	77.5	75.0	78.8	-	45.6	45.8	42.6	45.0
3562	Ball and roller bearings	-	60.9	62.2	62.4	63.5	-	46.8	48.0	46.2	49.1
3564	Blowers and fans	-	32.1	32.3	31.4	31.2	-	20.6	20.8	19.9	19.8
3566	Power transmission equipment	-	53.6	54.2	53.4	52.8	-	38.5	39.0	38.6	38.2
357	Office and computing machines	296.1	294.3	293.1	272.1	270.0	148.5	148.7	148.6	143.6	143.5
3573	Electronic computing equipment	-	196.7	195.4	179.8	178.2	-	77.8	77.6	77.0	77.3
358	Service industry machines	(*)	145.5	145.1	147.6	145.3	(*)	102.2	103.0	105.6	104.2
3585	Refrigeration machinery	-	97.1	96.4	97.1	94.8	-	69.2	69.2	70.2	68.9
359	Misc. machinery, except electrical	224.5	226.4	229.4	227.5	227.8	173.3	175.8	178.6	177.9	178.7
36	ELECTRICAL EQUIPMENT AND SUPPLIES	1,932.6	1,962.2	1,983.2	2,011.2	2,003.6	1,271.5	1,297.7	1,313.3	1,344.1	1,337.7
361	Electric test & distributing equipment	(*)	221.4	221.6	209.2	208.6	(*)	151.6	151.8	143.0	142.3
3611	Electric measuring instruments	-	73.9	74.1	69.2	68.7	-	46.5	46.6	44.3	44.0
3612	Transformers	-	60.2	59.9	56.9	56.6	-	43.9	43.7	41.1	40.8
3613	Switchgear and switchboard apparatus	-	87.3	87.6	83.1	83.3	-	61.2	61.5	57.6	57.5
362	Electrical industrial apparatus	221.4	222.1	226.8	226.7	226.0	152.2	153.2	157.6	159.3	158.2
3621	Motors and generators	-	118.2	118.9	123.4	122.4	-	83.5	84.0	88.5	87.1
3622	Industrial controls	-	60.2	64.0	61.7	62.2	-	37.9	41.7	40.5	40.8
363	Household appliances	183.2	183.5	184.2	190.5	190.3	147.3	147.8	148.2	151.7	151.4
3632	Household refrigerators and freezers	-	59.4	58.7	63.0	63.2	-	50.6	49.8	52.2	52.3
3633	Household laundry equipment	-	27.8	27.7	26.1	25.8	-	22.3	22.4	20.2	20.0
3634	Electric housewares and fans	-	44.4	45.7	47.0	46.9	-	34.9	36.0	37.3	37.0
364	Electric lighting and wiring equipment	208.3	210.8	212.2	206.2	203.7	162.1	164.5	165.6	159.0	157.0
3641	Electric lamps	-	47.5	47.5	39.1	39.2	-	42.6	42.5	34.5	34.6
3642	Lighting fixtures	-	65.4	66.2	67.2	66.9	-	50.5	51.0	52.5	52.3
3643,4	Wiring devices	-	97.9	98.5	99.9	97.6	-	71.4	72.1	72.0	70.1
365	Radio and TV receiving equipment	127.4	129.8	132.1	153.6	153.7	90.8	92.5	94.0	114.4	114.7
366	Communication equipment	(*)	506.0	511.6	520.2	519.6	(*)	246.8	250.3	253.9	253.3
3661	Telephone and telegraph apparatus	-	160.4	159.1	140.6	139.3	-	106.4	105.2	93.4	92.4
3662	Radio and TV communication equipment	-	345.6	352.5	379.6	380.3	-	142.2	145.1	160.5	160.9
367	Electronic components and accessories	(*)	369.7	375.5	384.7	381.6	(*)	248.9	254.7	271.0	269.1
3671-3	Electron tubes	-	65.0	65.5	70.4	70.9	-	43.8	44.3	48.2	48.7
3674,9	Other electronic components	-	304.7	310.0	314.3	310.7	-	205.1	210.4	222.8	220.4
369	Misc. electrical equipment & supplies	119.2	118.9	119.2	120.1	120.1	90.7	90.6	91.1	91.8	91.7
3694	Engine electrical equipment	-	61.3	61.7	64.8	64.1	-	47.0	47.5	50.4	49.7
37	TRANSPORTATION EQUIPMENT	1,913.0	1,923.0	1,963.4	2,050.2	2,068.7	1,340.8	1,344.0	1,372.5	1,436.3	1,454.8
371	Motor vehicles and equipment	(*)	869.3	883.9	874.6	891.3	(*)	672.7	684.3	671.9	690.0
3711	Motor vehicles	-	378.5	389.9	365.2	375.1	-	278.6	288.4	261.8	272.4
3712	Passenger car bodies	-	57.6	59.4	55.8	55.4	-	48.2	49.8	45.7	45.5
3713	Truck and bus bodies	-	40.2	40.0	39.1	40.0	-	32.7	32.6	31.6	32.7
3714	Motor vehicle parts and accessories	-	365.3	366.0	383.3	389.9	-	292.3	291.7	308.5	315.4
3715	Truck trailers	-	27.7	28.6	31.2	30.9	-	20.9	21.8	24.3	24.0
372	Aircraft and parts	(*)	721.1	743.6	826.7	830.7	(*)	402.7	417.0	479.0	481.0
3721	Aircraft	-	404.2	419.9	472.0	470.9	-	217.8	227.7	265.3	262.7
3722	Aircraft engines and engine parts	-	189.6	192.5	209.9	212.6	-	102.9	104.1	117.3	119.8
3723,9	Other aircraft parts and equipment	-	127.3	131.2	144.8	147.2	-	82.0	85.2	96.4	98.5
373	Ship and boat building and repairing	173.2	174.9	180.8	191.1	191.8	139.7	141.2	145.9	155.9	157.0
3731	Ship building and repairing	-	135.8	138.4	142.3	143.0	-	110.1	111.8	115.6	116.6

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 ¹				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
	<i>Durable Goods--Continued</i>										
	TRANSPORTATION EQUIPMENT--Continued										
3732	Boat building and repairing.....	-	39.1	42.4	48.8	48.8	-	31.1	34.1	40.3	40.4
374	Railroad equipment.....	-	53.8	53.9	50.9	51.9	-	41.8	42.0	39.7	40.8
375,9	Other transportation equipment.....	-	103.9	101.2	106.9	103.0	-	85.6	83.3	89.8	86.0
38	INSTRUMENTS AND RELATED PRODUCTS	463.9	469.2	471.3	476.6	476.0	286.3	287.7	288.9	295.2	294.6
381	Engineering & scientific instruments.....	-	71.1	71.9	79.1	80.0	-	34.3	34.5	38.3	39.1
382	Mechanical measuring & control devices...	112.0	113.2	113.6	115.2	114.8	70.0	70.8	71.1	73.5	73.3
3821	Mechanical measuring devices.....	-	71.7	71.7	71.4	71.0	-	42.5	42.4	42.5	42.3
3822	Automatic temperature controls.....	-	41.5	41.9	43.8	43.8	-	28.3	28.7	31.0	31.0
383,5	Optical and ophthalmic goods.....	54.4	55.3	55.5	53.6	53.9	38.8	38.4	38.9	38.3	38.3
385	Ophthalmic goods.....	-	36.0	36.1	34.0	34.2	-	27.1	27.3	26.1	26.1
384	Medical instruments and supplies.....	84.6	84.6	85.0	82.4	81.4	57.1	57.0	57.2	56.2	55.6
386	Photographic equipment and supplies.....	107.8	110.3	110.7	110.0	109.6	57.6	58.8	58.9	59.4	59.0
387	Watches, clocks, and watchcases.....	-	34.7	34.6	36.3	36.3	-	28.4	28.3	29.5	29.3
	MISCELLANEOUS MANUFACTURING INDUSTRIES	420.7	422.3	423.0	436.2	431.8	322.9	325.2	326.1	340.3	337.3
391	Jewelry, silverware, and plated ware.....	51.3	52.1	52.2	53.4	53.3	38.4	39.3	39.3	40.6	40.7
394	Toys and sporting goods.....	-	112.5	111.0	120.9	115.8	-	90.0	88.4	99.2	94.5
3941-3	Games, toys, dolls, & play vehicles....	-	61.1	58.1	67.3	63.2	-	48.5	45.6	55.3	51.2
3949	Sporting and athletic goods, n e c.....	-	51.4	52.9	53.6	52.6	-	41.5	42.8	43.9	43.3
395	Pens, pencils, office, and art supplies....	-	34.6	35.3	34.8	34.6	-	24.8	25.5	24.7	24.7
396	Costume jewelry and notions.....	-	57.0	57.1	60.3	59.8	-	46.6	46.8	49.2	49.0
393,9	Other manufacturing industries.....	163.4	166.1	167.4	166.8	168.3	121.5	124.5	126.1	126.6	128.4
393	Musical instruments and parts.....	-	23.0	23.1	25.0	25.1	-	18.0	18.1	19.7	19.9
	<i>Nondurable Goods</i>										
20	FOOD AND KINDRED PRODUCTS	1,723.1	1,722.5	1,735.6	1,726.5	1,712.5	1,138.4	1,138.6	1,152.7	1,140.5	1,126.4
201	Meat products.....	333.5	330.7	332.2	327.5	324.9	269.4	266.6	268.1	262.3	259.1
2011	Meat packing plants.....	-	182.3	182.8	183.4	183.3	-	142.8	143.4	142.6	142.0
2013	Sausages and other prepared meats.....	-	57.5	58.5	57.1	57.3	-	41.4	42.1	40.9	41.2
2015	Poultry dressing plants.....	-	90.9	90.9	87.0	84.3	-	82.4	82.6	78.8	75.9
202	Dairy products.....	242.4	241.0	239.0	250.9	249.0	114.9	113.7	112.5	119.0	117.0
2024	Ice cream and frozen desserts.....	-	23.5	22.2	26.5	25.4	-	11.9	11.3	13.8	13.0
2026	Fluid milk.....	-	172.2	171.9	177.5	177.3	-	66.9	66.5	68.5	68.0
203	Canned, cured, and frozen foods.....	-	244.8	246.9	248.3	243.5	-	200.3	202.2	203.4	199.0
2031,6	Canned, cured, and frozen sea foods....	-	40.1	40.4	42.0	41.6	-	35.0	35.2	36.9	36.9
2032,3	Canned food, except sea foods.....	-	108.1	108.2	114.9	107.7	-	82.5	82.5	89.8	82.7
2037	Frozen fruits and vegetables.....	-	66.9	68.1	61.5	64.3	-	59.6	60.9	53.8	56.6
204	Grain mill products.....	134.7	133.8	134.2	130.6	129.3	95.6	94.8	95.1	92.2	91.1
2041	Flour and other grain mill products.....	-	28.6	29.0	27.8	27.8	-	21.1	21.4	20.2	20.2
2042	Prepared feeds for animals and fowls....	-	64.1	64.2	63.4	60.9	-	42.7	42.7	42.1	39.9
205	Bakery products.....	278.7	277.9	280.3	279.3	277.3	163.4	162.7	165.0	162.5	160.8
2051	Bread, cake, and related products.....	-	232.6	232.5	235.7	233.3	-	126.0	126.0	127.1	125.1
2052	Cookies and crackers.....	-	45.3	47.8	43.6	44.0	-	36.7	39.0	35.4	35.7
206	Sugar.....	-	31.6	36.4	32.2	31.2	-	23.1	28.0	24.2	23.4
207	Confectionery and related products.....	80.2	81.5	85.5	82.5	82.4	64.4	65.4	69.5	67.1	67.0
2071	Confectionery products.....	-	65.2	69.1	66.5	66.7	-	53.3	57.4	55.3	55.4
208	Beverages.....	239.6	237.5	236.9	231.2	230.6	120.4	119.3	119.2	117.2	116.1
2082	Malt liquors.....	-	59.1	59.4	58.0	58.9	-	39.0	39.4	39.2	39.3
2086	Bottled and canned soft drinks.....	-	130.8	129.7	129.3	128.1	-	48.4	47.4	49.0	48.2
209	Misc. foods and kindred products.....	141.7	143.7	144.2	144.0	144.3	90.9	92.7	93.1	92.6	92.9
21	TOBACCO MANUFACTURES	70.2	71.1	73.8	71.1	71.7	57.0	58.1	60.4	58.4	59.1
211	Cigarettes.....	-	41.0	41.0	40.0	38.9	-	33.1	33.1	32.4	31.4
212	Cigars.....	-	17.4	17.7	18.6	18.9	-	15.9	16.0	17.1	17.4
22	TEXTILE MILL PRODUCTS	965.2	975.1	977.3	995.7	999.1	846.5	856.5	858.2	878.2	882.0
221	Weaving mills, cotton.....	221.5	221.5	222.5	224.6	225.7	201.2	201.3	202.2	204.1	205.4
222	Weaving mills, synthetics.....	96.6	97.3	98.1	99.9	101.6	84.9	85.7	86.6	89.5	90.8
223	Weaving and finishing mills, wool.....	41.0	41.3	41.3	43.4	43.7	35.1	35.4	35.3	37.2	37.5
224	Narrow fabric mills.....	30.4	30.6	31.0	31.8	32.1	26.9	27.1	27.4	28.3	28.6
225	Knitting mills.....	(*)	239.0	239.1	250.6	249.1	(*)	209.3	209.3	221.0	219.6
2251	Women's hosiery, except socks.....	-	65.4	65.8	68.1	68.4	-	59.0	59.3	61.8	62.2
2252	Hosiery, n e c.....	-	35.3	35.7	36.6	36.4	-	31.4	31.8	33.0	32.8
2253	Knit outerwear mills.....	-	68.4	67.1	73.8	72.8	-	58.3	57.0	63.4	62.4
2254	Knit underwear mills.....	-	30.3	30.5	32.5	32.5	-	26.7	27.1	28.7	28.7

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 ¹				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
	<i>Nondurable Goods--Continued</i>										
	TEXTILE MILL PRODUCTS--Continued										
226	Textile finishing, except wool	83.1	82.3	83.1	80.9	81.1	70.4	69.7	70.5	68.5	68.9
227	Floor covering mills	-	54.4	55.1	55.4	55.3	-	43.0	43.7	44.5	44.6
228	Yarn and thread mills	130.2	131.4	131.6	128.6	128.5	120.3	121.4	121.5	118.9	118.9
229	Miscellaneous textile goods	75.3	77.3	75.5	80.5	82.0	61.6	63.6	61.7	66.2	67.7
23	APPAREL AND OTHER TEXTILE PRODUCTS...	1,374.0	1,379.8	1,402.8	1,414.9	1,407.6	1,203.3	1,208.4	1,230.4	1,242.8	1,235.9
231	Men's and boys' suits and coats	(*)	130.0	130.5	135.9	134.2	(*)	113.2	113.4	119.0	117.4
232	Men's and boys' furnishings	381.7	377.6	376.5	367.7	368.4	338.6	334.7	333.4	326.7	327.1
2321	Men's and boys' shirts and nightwear ...	-	122.0	120.4	114.4	114.5	-	109.1	107.6	102.4	102.7
2327	Men's and boys' separate trousers	-	81.0	81.3	82.4	83.1	-	73.6	73.8	75.1	75.7
2328	Men's and boys' work clothing	-	85.3	85.6	83.6	83.5	-	73.4	73.5	72.4	72.2
233	Women's and misses' outerwear	418.7	424.9	444.2	434.0	431.8	370.8	375.8	394.8	384.4	382.5
2331	Women's and misses' blouses and waists .	-	53.6	54.2	51.2	51.4	-	48.1	48.9	45.5	45.8
2335	Women's and misses' dresses	-	206.9	213.5	210.3	213.6	-	185.9	192.5	189.0	192.2
2337	Women's and misses' suits and coats ...	-	69.2	80.9	80.0	73.8	-	59.6	70.8	70.2	64.3
2339	Women's and misses' outerwear, n e c ...	-	95.2	95.6	92.5	93.0	-	82.2	82.6	79.7	80.2
234	Women's and children's undergarments ...	116.6	117.9	119.0	125.6	126.0	100.6	112.0	102.9	109.4	109.9
2341	Women's and children's underwear	-	82.9	83.4	85.7	85.8	-	72.8	73.2	75.7	76.0
2342	Corsets and allied garments	-	35.0	35.6	39.9	40.2	-	29.2	29.7	33.7	33.9
235	Hats, caps, and millinery	-	17.8	19.7	20.8	20.2	-	15.9	17.9	18.8	18.1
236	Children's outerwear	77.2	75.8	75.8	78.3	76.0	68.5	67.4	67.4	69.6	67.5
2361	Children's dresses and blouses	-	33.1	33.3	34.8	33.9	-	29.9	30.1	31.3	30.6
237,8	Fur goods and miscellaneous apparel	-	72.8	72.8	79.3	76.3	-	62.4	62.2	68.6	65.7
239	Misc. fabricated textile products	161.0	163.0	164.3	173.3	174.7	135.2	137.0	138.4	146.3	147.7
2391,2	Housefurnishings	-	62.7	63.9	65.1	66.1	-	53.7	54.6	55.6	56.7
26	PAPER AND ALLIED PRODUCTS	704.2	713.6	714.9	703.6	699.1	542.3	550.7	551.8	545.0	540.7
261,2,6	Paper and pulp mills	223.9	224.9	225.4	222.3	216.4	173.1	173.9	174.3	173.3	167.7
263	Paperboard mills	71.6	72.0	72.2	69.7	70.5	57.5	57.8	57.9	55.1	55.7
264	Misc. converted paper products	187.0	189.5	189.8	185.0	185.7	135.8	138.0	138.2	134.9	135.7
2643	Bags, except textile bags	-	43.3	43.7	41.9	42.9	-	35.0	35.3	33.9	34.9
265	Paperboard containers and boxes	(*)	227.2	227.5	226.6	226.5	(*)	181.0	181.4	181.7	181.6
2651,2	Folding and setup paperboard boxes	-	69.0	68.8	67.6	67.4	-	57.0	57.0	56.2	56.1
2653	Corrugated and solid fiber boxes	-	108.5	108.5	109.0	108.8	-	83.4	83.3	84.4	84.0
2654	Sanitary food containers	-	30.0	30.1	29.8	29.9	-	24.4	24.4	24.3	24.4
27	PRINTING AND PUBLISHING	1,105.7	1,110.8	1,112.3	1,077.6	1,084.0	683.0	688.6	689.7	672.3	678.1
271	Newspapers	371.8	372.7	372.8	365.9	365.7	181.2	181.5	182.1	179.9	179.6
272	Periodicals	-	75.0	75.1	74.0	74.0	-	25.6	25.9	26.0	26.3
273	Books	-	100.6	100.3	96.7	97.1	-	56.5	56.1	54.2	55.0
275	Commercial printing	356.9	358.7	359.2	342.6	348.5	275.6	277.6	277.9	266.4	271.6
2751	Commercial printing, ex. lithographic ...	-	218.0	218.7	213.3	212.7	-	170.3	170.8	168.0	167.6
2752	Commercial printing, lithographic	-	128.7	128.7	117.8	124.0	-	98.3	98.2	89.4	94.8
278	Blankbooks and bookbinding	57.9	58.7	59.1	56.9	57.4	47.6	48.3	48.7	46.8	47.4
274,6,7,9	Other publishing & printing ind.	(*)	145.1	145.8	141.5	141.3	(*)	99.1	99.0	99.0	98.2
28	CHEMICALS AND ALLIED PRODUCTS	1,055.1	1,063.2	1,064.1	1,056.8	1,058.8	607.2	614.3	614.7	623.9	628.3
281	Industrial chemicals	316.7	321.3	322.4	315.6	315.6	171.9	174.8	175.1	173.3	173.4
2812	Alkalies and chlorine	-	22.6	22.6	22.8	22.9	-	15.6	15.6	15.8	15.9
2818	Industrial organic chemicals, n e c ...	-	130.4	130.6	127.6	127.1	-	57.3	57.0	57.1	56.5
2819	Industrial inorganic chemicals, n e c ...	-	100.4	101.1	97.7	98.3	-	57.6	58.4	56.7	57.5
282	Plastics materials and synthetics	223.7	224.6	225.1	224.2	224.2	145.3	146.6	146.6	148.4	148.9
2821	Plastics materials and resins	-	96.1	96.2	94.8	95.0	-	58.5	58.5	58.4	59.0
2823,4	Synthetic fibers	-	114.7	115.0	115.8	115.6	-	78.8	78.8	81.2	81.1
283	Drugs	150.3	150.3	149.3	140.5	141.2	73.3	73.9	73.6	69.7	72.0
2834	Pharmaceutical preparations	-	116.5	116.2	109.6	109.0	-	56.4	56.7	54.5	54.3
284	Soap, cleaners, and toilet goods	122.8	123.3	124.3	119.6	120.7	69.0	69.7	70.9	70.4	71.4
2841	Soap and other detergents	-	40.3	40.6	39.9	40.6	-	25.9	26.1	26.0	26.7
2844	Toilet preparations	-	49.5	50.1	48.4	48.6	-	28.0	28.9	29.7	29.6
285	Paints and allied products	69.9	69.9	70.1	72.2	70.8	38.9	38.6	38.9	39.8	38.7
287	Agricultural chemicals	63.3	64.5	63.0	62.6	63.1	40.5	41.1	40.0	41.1	41.9
2871,2	Fertilizers, complete & mixing only	-	46.3	44.7	45.1	45.9	-	32.4	30.8	32.2	33.0
286,9	Other chemical products	108.4	109.3	109.9	122.1	123.2	68.3	69.3	69.6	81.2	82.0
2892	Explosives	-	35.9	36.8	46.8	47.4	-	25.9	26.7	36.2	36.6
29	PETROLEUM AND COAL PRODUCTS	190.0	190.1	189.7	188.1	186.7	116.6	116.5	115.9	116.6	115.8
291	Petroleum refining	151.3	152.3	152.3	150.0	149.4	88.9	89.6	89.6	89.2	89.5
295,9	Other petroleum and coal products	38.7	37.8	37.4	38.1	37.3	27.7	26.9	26.3	27.4	26.3

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 ¹				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
	<i>Nondurable Goods--Continued</i>										
30	RUBBER AND PLASTICS PRODUCTS, N.E.C.	546.1	579.9	585.0	589.9	588.7	417.3	444.8	449.5	457.2	455.6
301	Tires and inner tubes.....	(*)	118.3	117.7	116.1	116.0	(*)	82.6	81.7	81.2	81.1
302,3,6	Other rubber products.....	(*)	171.5	174.7	183.0	185.0	(*)	133.1	136.0	143.7	145.3
302	Rubber footwear.....	-	23.7	23.5	25.9	25.9	-	20.3	20.0	22.0	22.0
307	Miscellaneous plastics products.....	287.9	290.1	292.6	290.8	287.7	226.7	229.1	231.8	232.3	229.2
31	LEATHER AND LEATHER PRODUCTS...	326.4	328.5	331.6	345.6	343.7	279.1	280.5	283.1	296.3	295.0
311	Leather tanning and finishing.....	28.1	28.0	27.3	29.7	29.5	24.3	24.2	23.6	25.5	25.5
314	Footwear, except rubber.....	222.4	218.7	219.9	228.4	226.9	194.0	190.1	190.9	199.2	197.8
312,3,5-7,9	Other leather products.....	(*)	81.8	84.4	87.5	87.3	(*)	66.2	68.6	71.6	71.7
316	Luggage.....	-	19.2	19.6	21.5	21.2	-	14.9	15.2	17.3	17.1
317	Handbags and personal leather goods.....	-	33.5	35.8	35.6	35.9	-	27.9	30.2	29.8	30.1
	TRANSPORTATION AND PUBLIC UTILITIES.....	4,464	4,428	4,443	4,411	4,379	3,863	3,830	3,852	3,830	3,800
40	RAILROAD TRANSPORTATION.....	-	625.7	622.7	646.0	642.4	-	-	-	-	-
4011	Class I railroads ²	-	559.7	557.2	573.2	569.2	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSPORTATION.....	-	295.8	294.9	285.9	283.4	-	-	-	-	-
41	Local and suburban transportation.....	-	77.1	77.4	78.8	78.4	-	72.5	72.5	74.3	74.1
412	Taxicabs.....	-	115.6	116.1	109.5	111.3	-	-	-	-	-
413	Intercity highway transportation.....	-	43.1	41.7	42.8	41.9	-	39.6	38.1	39.0	38.2
42	TRUCKING AND WAREHOUSING.....	-	1,028.0	1,070.0	1,066.7	1,057.5	-	918.3	966.7	965.7	955.8
421,3	Trucking and trucking terminals.....	-	944.5	984.5	984.5	974.9	-	846.9	893.2	894.8	884.6
422	Public warehousing.....	-	83.5	85.5	82.2	82.6	-	71.4	73.5	70.9	71.2
45	TRANSPORTATION BY AIR.....	-	348.7	348.6	352.6	349.4	-	-	-	-	-
451,2	Air transportation.....	-	315.8	315.1	319.5	316.8	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	17.2	17.2	17.8	17.7	-	13.7	13.7	14.4	14.4
44,47	OTHER TRANSPORTATION AND SERVICES:	-	326.0	316.6	351.5	342.5	-	-	-	-	-
44	Water transportation.....	-	220.9	210.1	248.8	240.5	-	-	-	-	-
47	Transportation services.....	-	105.1	106.5	102.7	102.0	-	-	-	-	-
48	COMMUNICATION.....	-	1,111.1	1,101.3	1,036.8	1,027.5	-	870.4	862.1	811.5	804.8
481	Telephone communication.....	-	924.2	913.7	857.9	850.7	-	733.7	725.5	681.3	675.3
482	Telegraph communication ³	-	32.0	32.2	32.9	32.6	-	22.2	22.2	22.5	22.5
483	Radio and television broadcasting.....	-	135.9	135.4	130.0	128.5	-	107.7	107.6	102.3	101.4
49	ELECTRIC, GAS, AND SANITARY SERVICES:	-	675.4	671.7	653.9	658.2	-	581.2	577.2	560.5	564.4
491	Electric companies and systems.....	-	280.9	279.3	272.2	271.8	-	239.5	237.9	232.2	231.9
492	Gas companies and systems.....	-	158.4	157.7	157.1	157.1	-	134.9	134.2	133.7	133.9
493	Combination companies and systems.....	-	185.0	184.3	176.2	181.3	-	162.0	161.1	151.9	156.3
494-7	Water, steam, & sanitary systems.....	-	51.1	50.4	48.4	48.0	-	44.8	44.0	42.7	42.3
-	WHOLESALE AND RETAIL TRADE.....	14,868	14,803	14,700	14,517	14,399	13,216	13,154	13,058	12,915	12,808
50	WHOLESALE TRADE.....	3,806	3,800	3,797	3,678	3,659	3,194	3,192	3,190	3,089	3,073
501	Motor vehicles & automotive equipment.....	-	319.2	319.2	301.8	298.8	-	262.1	262.7	249.7	247.4
502	Drugs, chemicals, and allied products.....	-	232.3	231.9	224.2	223.4	-	188.3	188.5	185.5	184.9
503	Dry goods and apparel.....	-	149.5	150.4	146.4	145.9	-	116.8	117.9	116.2	115.9
504	Groceries and related products.....	-	536.2	535.7	529.5	520.9	-	468.7	468.3	461.7	453.6
506	Electrical goods.....	-	322.6	318.6	299.8	299.8	-	272.4	269.2	248.7	248.6
507	Hardware; plumbing & heating equipment.....	-	173.1	172.2	168.3	167.3	-	146.8	145.8	142.1	141.2
508	Machinery, equipment, and supplies.....	-	752.4	751.0	723.9	721.9	-	642.2	639.6	614.9	612.7
509	Miscellaneous wholesalers.....	-	1,234.0	1,233.7	1,198.2	1,193.1	-	1,029.1	1,029.2	1,000.3	996.9
52-59	RETAIL TRADE.....	11,062	11,003	10,903	10,839	10,740	10,022	9,962	9,868	9,826	9,735
53	RETAIL GENERAL MERCHANDISE.....	-	2,247.3	2,261.1	2,193.0	2,170.7	-	2,058.1	2,070.7	2,009.6	1,988.7
531	Department stores.....	-	1,461.8	1,468.8	1,426.8	1,410.5	-	1,341.1	1,347.2	1,309.8	1,294.5
532	Mail order houses.....	-	121.4	124.0	119.9	120.5	-	112.5	115.3	110.7	111.9
533	Variety stores.....	-	319.3	324.1	314.4	313.8	-	295.2	299.1	290.3	289.9
54	FOOD STORES.....	-	1,734.2	1,737.8	1,674.8	1,665.3	-	1,614.5	1,616.0	1,558.3	1,551.1
541-3	Grocery, meat, and vegetable stores.....	-	1,565.9	1,565.3	1,507.8	1,499.1	-	1,457.3	1,454.6	1,404.1	1,397.5

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 ¹				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
WHOLESALE AND RETAIL TRADE (Continued)											
56	APPAREL AND ACCESSORY STORES	-	711.0	712.5	712.4	715.3	-	637.5	639.8	639.1	641.5
561	Men's & boys' clothing & furnishings.	-	127.1	127.0	121.3	121.3	-	113.2	113.6	108.4	108.4
562	Women's ready-to-wear stores	-	266.0	267.0	268.5	267.6	-	239.1	240.2	242.0	241.0
565	Family clothing stores	-	100.4	102.6	106.0	107.1	-	93.4	95.5	98.5	99.6
566	Shoe stores	-	144.6	142.9	145.4	147.6	-	127.4	125.9	127.3	129.3
57	FURNITURE AND HOME FURNISHINGS STORES	-	452.5	453.2	450.0	450.8	-	394.3	395.1	394.4	395.5
571	Furniture and home furnishings	-	286.7	286.6	285.3	285.3	-	248.4	248.6	248.7	249.3
58	EATING AND DRINKING PLACES	-	2,495.9	2,384.7	2,458.3	2,422.0	-	2,331.7	2,226.7	2,299.8	2,266.3
52,55,59	OTHER RETAIL TRADE	-	3,362.3	3,353.2	3,350.2	3,315.5	-	2,929.9	2,919.8	2,924.7	2,891.5
52	Building materials and farm equipment	-	544.7	537.9	549.1	539.6	-	466.0	459.3	471.1	461.6
55	Automotive dealers & service stations	-	1,596.6	1,589.3	1,596.9	1,586.6	-	-	-	-	-
551,2	Motor vehicle dealers	-	769.7	770.6	772.7	772.0	-	651.3	652.5	655.8	655.6
553,9	Other automotive & accessory dealers	-	229.1	222.8	221.1	219.5	-	196.9	191.5	193.3	188.6
554	Gasoline service stations	-	597.8	595.9	600.1	595.1	-	-	-	-	-
59	Miscellaneous retail stores	-	1,221.0	1,226.0	1,204.2	1,189.3	-	-	-	-	-
591	Drug stores and proprietary stores	-	436.7	438.1	441.2	438.3	-	388.2	390.8	395.1	393.3
594	Book and stationery stores	-	66.3	67.0	62.5	62.7	-	57.4	57.9	53.7	54.3
596	Farm and garden supply stores	-	116.0	112.0	110.8	110.4	-	-	-	-	-
598	Fuel and ice dealers	-	106.3	112.3	101.2	105.6	-	92.1	97.4	87.8	91.7
FINANCE, INSURANCE, AND REAL ESTATE⁴		3,676	3,661	3,639	3,533	3,515	2,906	2,892	2,876	2,806	2,791
60	Banking	-	1,035.6	1,030.7	967.3	962.5	-	852.6	849.5	800.3	796.9
61	Credit agencies other than banks	-	371.4	369.8	358.0	356.0	-	290.2	288.6	279.8	278.8
612	Savings and loan associations	-	107.5	106.3	102.3	102.0	-	85.7	84.6	81.6	81.2
614	Personal credit institutions	-	196.0	195.9	192.2	191.0	-	-	-	-	-
62	Security, commodity brokers & services	-	207.8	210.3	223.2	223.2	-	177.4	179.8	197.3	197.2
63	Insurance carriers	-	1,050.8	1,045.9	1,003.5	1,002.4	-	738.2	735.6	699.1	699.0
631	Life insurance	-	544.6	542.2	523.5	524.3	-	323.3	321.6	306.3	307.3
632	Accident and health insurance	-	93.1	92.5	86.0	85.6	-	80.1	79.5	74.2	73.9
633	Fire, marine, and casualty insurance	-	369.0	367.2	349.5	348.1	-	298.3	297.8	281.4	280.6
64	Insurance agents, brokers, and service	-	272.8	273.0	258.8	259.2	-	-	-	-	-
65	Real estate	-	639.6	626.4	640.4	630.5	-	-	-	-	-
655	Subdividers and developers	-	83.6	77.0	90.0	82.6	-	-	-	-	-
656	Operative builders	-	41.7	40.7	45.9	45.3	-	-	-	-	-
66,67	Other finance, insurance, & real estate	-	83.1	82.6	81.4	81.2	-	-	-	-	-
SERVICES		11,630	11,552	11,433	11,236	11,146	10,573	10,504	10,404	10,264	10,196
70	Hotels and other lodging places	-	743.5	727.3	747.7	734.3	-	-	-	-	-
701	Hotels, tourist courts, and motels	-	673.2	654.1	676.0	664.6	-	623.5	604.7	628.9	618.5
72	Personal services	-	1,006.4	1,006.2	1,032.0	1,026.4	-	-	-	-	-
721	Laundries and dry cleaning plants	-	512.0	514.4	539.8	537.2	-	465.4	467.3	491.5	487.1
722	Photographic studios	-	39.9	39.5	38.6	38.7	-	34.3	33.9	33.9	34.0
73	Miscellaneous business services	-	1,546.5	1,544.2	1,506.8	1,486.8	-	-	-	-	-
731	Advertising	-	123.1	123.0	120.9	119.9	-	-	-	-	-
732	Credit reporting and collection	-	76.6	76.7	75.8	74.7	-	-	-	-	-
734	Services to buildings	-	289.0	283.0	268.3	263.9	-	-	-	-	-
76	Miscellaneous repair services	-	181.1	181.5	177.0	179.3	-	-	-	-	-
78	Motion pictures	-	184.6	177.1	205.4	197.9	-	-	-	-	-
781	Motion picture filming & distributing	-	41.9	43.0	54.7	53.6	-	27.7	29.0	34.8	34.3
782,3	Motion picture theaters and services	-	142.7	134.1	150.7	144.3	-	-	-	-	-
80	Medical and other health services	-	3,031.3	3,019.4	2,830.4	2,817.8	-	-	-	-	-
806	Hospitals	-	1,860.5	1,854.2	1,750.6	1,746.5	-	-	-	-	-
81	Legal services	-	231.2	229.7	215.2	214.6	-	-	-	-	-
82	Educational services	-	1,193.0	1,197.8	1,167.1	1,168.7	-	-	-	-	-
821	Elementary and secondary schools	-	400.7	402.5	393.0	392.9	-	-	-	-	-
822	Colleges and universities	-	693.9	697.9	677.0	675.8	-	-	-	-	-
89	Miscellaneous services	-	657.7	659.2	616.0	618.3	-	-	-	-	-
891	Engineering & architectural services	-	304.5	304.5	304.5	302.8	-	-	-	-	-
892	Nonprofit research agencies	-	106.5	107.3	104.6	103.9	-	-	-	-	-

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 ¹				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
-	GOVERNMENT	12,765	12,758	12,680	12,292	12,262	-	:			
91	FEDERAL GOVERNMENT ⁵	2,824	2,838	2,758	2,740	2,747	-	.			
	Executive	-	2,802.0	2,721.7	2,704.5	2,712.0	-	-	-	-	-
	Department of Defense	-	1,053.4	1,057.3	1,125.2	1,128.2	-	-	-	-	-
	Post Office Department	-	716.0	713.9	723.1	720.9	-	-	-	-	-
	Other agencies	-	1,032.6	950.5	856.2	862.9	-	-	-	-	-
	Legislative	-	29.4	29.2	28.5	28.4	-	-	-	-	-
	Judicial	-	6.8	6.8	6.6	6.6	-	-	-	-	-
92,93	STATE AND LOCAL GOVERNMENT ...	9,941	9,920	9,922	9,552	9,515	.	.			
92	State government	-	2,685.9	2,682.4	2,557.9	2,547.0	-	-	-	-	-
	State education	-	1,138.5	1,148.3	1,078.6	1,079.4	-	-	-	-	-
	Other State government	-	1,547.4	1,534.1	1,479.3	1,467.6	-	-	-	-	-
93	Local government	-	7,233.8	7,239.2	6,994.3	6,968.1	-	-	-	-	-
	Local education	-	4,156.0	4,174.3	4,013.3	4,008.7	-	-	-	-	-
	Other local government	-	3,077.8	3,064.9	2,981.0	2,959.4	-	-	-	-	-

¹Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services. These groups account for approximately four-fifths of the total employment on private nonagricultural payrolls.

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

³Data for nonsupervisory workers exclude messengers.

⁴Data for nonoffice salesmen excluded from nonsupervisory count for all series in this division.

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

*Not available.

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

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	103.9	104.1	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.....	129.3	78.7	113.8	119.2	105.7	129.0	124.7	130.5	133.7	154.1	151.0	123.6	161.7
1969.....	133.8	80.4	119.1	121.5	108.7	134.1	129.1	135.9	140.6	162.6	155.5	124.6	167.7
1969: May.....	133.6	79.7	119.2	121.7	108.4	133.7	128.6	135.6	139.9	162.0	155.3	124.5	167.4
June.....	133.9	79.7	119.2	122.0	109.1	134.1	129.0	136.0	140.6	162.1	155.8	125.7	167.6
July.....	134.0	80.3	119.1	122.0	109.3	134.3	129.2	136.2	141.0	162.5	155.5	124.9	167.5
August.....	134.2	80.6	118.5	122.0	109.3	134.7	129.5	136.6	141.5	163.2	155.6	124.2	168.0
September.....	134.4	80.9	119.0	122.0	109.4	135.0	129.9	136.8	141.7	163.8	155.3	124.1	167.6
October.....	134.9	80.8	119.3	121.9	109.5	135.7	130.4	137.7	142.1	164.8	156.7	123.7	169.6
November.....	134.8	81.0	120.3	121.0	109.5	135.9	130.6	137.9	142.7	165.1	157.1	123.3	170.3
December.....	134.9	81.4	121.1	121.0	109.7	135.1	131.4	136.4	143.3	165.8	157.5	122.9	171.2
1970: January.....	135.2	81.2	117.6	120.6	110.5	136.8	132.1	138.4	144.2	166.4	157.9	122.7	171.8
February.....	135.4	81.3	120.1	120.1	110.3	137.2	132.4	139.0	144.3	167.3	158.6	122.8	172.6
March.....	135.7	81.3	120.6	120.2	110.5	137.2	132.8	138.8	144.9	167.3	159.5	125.6	172.9
April.....	135.4	80.8	118.6	119.2	109.5	137.1	132.9	138.6	145.3	167.5	160.9	128.8	173.5
May.....	134.9	80.5	115.9	117.9	109.7	137.0	133.0	138.4	145.6	167.7	161.3	128.3	174.2

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

Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

Industry division and group	(In thousands)												
	1970					1969							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
TOTAL	70,855	71,124	71,256	71,135	70,992	70,842	70,808	70,836	70,567	70,497	70,400	70,347	70,172
MINING	620	622	626	626	625	627	624	622	623	621	618	614	614
CONTRACT CONSTRUCTION	3,345	3,424	3,481	3,466	3,394	3,496	3,473	3,445	3,436	3,420	3,439	3,442	3,441
MANUFACTURING	19,562	19,787	19,944	19,937	20,018	20,082	20,082	20,233	20,252	20,246	20,247	20,248	20,195
DURABLE GOODS	11,394	11,525	11,648	11,625	11,679	11,773	11,782	11,965	11,968	11,950	11,955	11,957	11,915
Ordnance and accessories	254	261	271	277	281	290	296	298	306	316	322	326	330
Lumber and wood products	585	585	593	598	605	606	603	601	606	607	608	612	614
Furniture and fixtures	457	468	471	472	477	478	479	483	483	484	484	486	486
Stone, clay, and glass products	633	644	651	657	653	659	658	658	657	655	655	656	652
Primary metal industries	1,298	1,321	1,337	1,349	1,360	1,380	1,384	1,386	1,381	1,367	1,358	1,356	1,343
Fabricated metal products	1,392	1,410	1,425	1,428	1,436	1,447	1,444	1,445	1,452	1,451	1,446	1,444	1,443
Machinery, except electrical	2,014	2,033	2,046	2,048	2,043	2,051	2,043	2,050	2,041	2,028	2,032	2,032	2,021
Electrical equipment	1,956	1,982	1,995	1,993	1,922	1,930	1,934	2,051	2,049	2,043	2,045	2,038	2,036
Transportation equipment	1,913	1,919	1,950	1,890	1,988	2,009	2,028	2,078	2,078	2,081	2,086	2,087	2,070
Instruments and related products	467	471	472	472	474	476	476	476	477	479	478	479	480
Miscellaneous manufacturing	425	431	437	441	440	447	436	439	438	439	441	441	440
NONDURABLE GOODS	8,168	8,262	8,296	8,312	8,339	8,309	8,300	8,268	8,284	8,296	8,292	8,291	8,280
Food and kindred products	1,791	1,806	1,823	1,830	1,817	1,805	1,806	1,780	1,799	1,801	1,795	1,792	1,795
Tobacco manufactures	81	81	81	80	80	77	80	81	83	86	81	82	82
Textile mill products	969	979	980	987	999	995	993	991	992	992	999	1,000	1,000
Apparel and other textile products	1,377	1,391	1,396	1,398	1,416	1,410	1,405	1,406	1,409	1,410	1,416	1,419	1,418
Paper and allied products	711	721	721	720	721	720	718	716	715	714	712	712	710
Printing and publishing	1,111	1,112	1,113	1,113	1,113	1,110	1,109	1,106	1,100	1,097	1,093	1,090	1,083
Chemicals and allied products	1,057	1,062	1,066	1,067	1,068	1,067	1,064	1,062	1,064	1,064	1,064	1,064	1,059
Petroleum and coal products	191	192	194	193	193	192	191	191	189	190	189	189	189
Rubber and plastics products, nec	551	585	589	591	595	594	596	596	596	597	597	596	595
Leather and leather products	329	333	333	333	337	339	338	339	337	345	346	347	349
TRANSPORTATION AND PUBLIC UTILITIES	4,473	4,464	4,502	4,496	4,507	4,469	4,464	4,463	4,459	4,457	4,454	4,445	4,420
WHOLESALE AND RETAIL TRADE	14,958	14,975	14,984	14,987	14,938	14,750	14,848	14,824	14,739	14,713	14,673	14,647	14,606
WHOLESALE TRADE	3,852	3,850	3,847	3,834	3,828	3,807	3,782	3,775	3,762	3,751	3,742	3,736	3,723
RETAIL TRADE	11,106	11,125	11,137	11,153	11,110	10,943	11,066	11,049	10,977	10,962	10,931	10,911	10,883
FINANCE, INSURANCE, AND REAL ESTATE	3,683	3,676	3,665	3,652	3,648	3,626	3,611	3,596	3,584	3,580	3,567	3,556	3,540
SERVICES	11,561	11,552	11,537	11,530	11,472	11,431	11,383	11,361	11,289	11,248	11,205	11,174	11,170
Hotels and other lodging places	—	766	772	770	775	770	760	761	748	730	734	745	752
Personal services	—	1,006	1,015	1,018	1,016	1,016	1,021	1,025	1,026	1,026	1,030	1,027	1,027
Medical and other health services	—	3,040	3,025	3,007	2,992	2,973	2,950	2,931	2,914	2,891	2,875	2,860	2,845
Educational services	—	1,146	1,143	1,145	1,125	1,129	1,125	1,122	1,105	1,117	1,113	1,114	1,123
GOVERNMENT	12,653	12,624	12,517	12,441	12,390	12,361	12,323	12,292	12,185	12,212	12,197	12,221	12,186
FEDERAL	2,840	2,851	2,780	2,718	2,717	2,721	2,730	2,739	2,747	2,749	2,765	2,782	2,757
STATE AND LOCAL	9,813	9,773	9,737	9,723	9,673	9,640	9,593	9,553	9,438	9,463	9,432	9,439	9,429

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

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-6: Production workers in industrial and construction activities¹
seasonally adjusted

Major industry group	(In thousands)												
	1970					1969							
	May	Apr.	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May
TOTAL	17,447	17,728	17,905	17,878	17,890	18,062	18,041	18,172	18,198	18,183	18,217	18,213	18,159
MINING	471	474	476	477	477	477	475	475	476	474	471	466	466
CONTRACT CONSTRUCTION	2,792	2,870	2,917	2,912	2,840	2,947	2,928	2,903	2,896	2,883	2,907	2,903	2,903
MANUFACTURING	14,184	14,384	14,512	14,489	14,573	14,638	14,638	14,794	14,826	14,826	14,839	14,844	14,790
DURABLE GOODS	8,199	8,313	8,409	8,367	8,425	8,516	8,522	8,703	8,713	8,698	8,706	8,707	8,662
Ordnance and accessories	141	142	151	155	156	164	168	170	174	181	187	188	191
Lumber and wood products	506	503	511	515	523	524	522	520	525	527	527	532	534
Furniture and fixtures	376	386	390	390	395	396	397	401	401	402	402	403	404
Stone, clay, and glass products	502	511	517	522	520	527	526	526	526	524	523	527	523
Primary metal industries	1,031	1,048	1,063	1,072	1,086	1,103	1,108	1,112	1,106	1,093	1,085	1,083	1,071
Fabricated metal products	1,057	1,078	1,087	1,090	1,100	1,110	1,106	1,107	1,116	1,115	1,114	1,112	1,112
Machinery, except electrical	1,346	1,367	1,381	1,381	1,383	1,391	1,384	1,391	1,386	1,374	1,381	1,384	1,376
Electrical equipment and supplies	1,291	1,315	1,323	1,319	1,246	1,255	1,264	1,373	1,367	1,363	1,370	1,364	1,365
Transportation equipment	1,335	1,341	1,358	1,291	1,384	1,403	1,418	1,468	1,477	1,481	1,475	1,473	1,445
Instruments and related products	288	289	289	289	289	292	292	293	294	296	296	296	297
Miscellaneous manufacturing industries	326	333	339	343	343	351	337	342	341	342	346	345	344
NONDURABLE GOODS	5,985	6,071	6,103	6,122	6,148	6,122	6,116	6,091	6,113	6,128	6,133	6,137	6,128
Food and kindred products	1,203	1,218	1,235	1,241	1,226	1,213	1,214	1,187	1,207	1,209	1,202	1,202	1,206
Tobacco manufactures	67	67	67	67	67	64	67	68	69	72	68	68	69
Textile mill products	850	860	861	867	878	874	873	872	874	874	883	883	882
Apparel and other textile products	1,207	1,219	1,223	1,226	1,242	1,238	1,233	1,234	1,236	1,238	1,243	1,246	1,247
Paper and allied products	547	556	558	557	558	557	554	554	554	552	552	552	550
Printing and publishing	685	689	690	690	691	691	690	689	685	683	681	680	674
Chemicals and allied products	606	610	613	616	619	620	619	619	621	623	625	626	623
Petroleum and coal products	117	118	119	119	119	118	118	118	118	118	118	118	117
Rubber and plastics products, nec	421	449	453	454	459	457	459	460	462	463	464	464	461
Leather and leather products	282	285	284	285	289	290	289	290	287	296	297	298	299

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

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

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969
1	ALABAMA	1,004.8	995.4	990.5	8.3	8.4	8.1	51.7	49.4	51.1	320.1	318.2	320.1
2	Birmingham	259.6	258.8	253.7	5.5	5.5	5.3	15.2	14.5	14.6	71.9	72.3	71.6
3	Huntsville	77.4	77.1	76.8	(1)	(1)	(1)	2.7	2.5	3.2	13.1	13.0	11.5
4	Mobile	106.3	102.5	104.6	(1)	(1)	(1)	6.7	6.6	6.4	25.5	22.0	24.4
5	Montgomery	68.6	67.8	67.4	(1)	(1)	(1)	4.8	4.8	5.3	10.9	10.7	10.3
6	Tuscaloosa	36.5	36.6	34.5	(1)	(1)	(1)	2.2	2.1	2.0	9.9	10.1	8.4
7	ALASKA	83.9	81.7	79.1	3.0	3.1	3.3	5.1	4.4	4.8	5.4	4.9	5.2
8	ARIZONA	547.5	545.7	506.2	20.0	19.8	18.1	35.4	34.7	30.5	95.3	95.8	91.8
9	Phoenix	326.0	326.2	302.5	.2	.2	.2	20.5	20.1	17.3	74.4	75.2	73.6
10	Tucson	106.5	105.9	96.7	6.3	6.3	5.5	9.9	9.6	8.9	9.6	9.5	7.9
11	ARKANSAS	529.0	526.1	526.7	4.2	4.0	4.4	25.4	24.4	27.8	165.5	165.3	166.7
12	Fayetteville	25.5	25.0	25.1	(1)	(1)	(1)	1.3	1.1	1.4	7.4	7.1	7.4
13	Fort Smith	45.1	44.5	45.2	.5	.5	.5	3.1	2.7	3.0	16.3	16.2	16.4
14	Little Rock-North Little Rock	121.4	121.0	120.3	(1)	(1)	(1)	7.0	6.5	7.9	27.6	27.7	26.8
15	Pine Bluff	24.2	24.2	24.8	(1)	(1)	(1)	1.0	.9	1.4	5.5	5.6	5.8
16	CALIFORNIA	6,960.1	6,954.1	6,827.3	31.9	31.7	31.8	303.4	296.3	289.9	1,585.1	1,595.8	1,644.5
17	Anaheim-Santa Ana-Garden Grove	417.0	412.9	398.3	2.0	2.0	2.1	22.6	21.9	19.9	121.4	123.1	129.6
18	Bakersfield	89.5	89.0	88.3	6.8	6.8	6.8	4.5	4.6	5.2	8.3	8.3	7.9
19	Fresno	113.6	112.3	110.0	.6	.6	.7	4.9	4.6	4.7	16.5	16.3	16.2
20	Los Angeles-Long Beach	2,887.1	2,908.1	2,875.8	11.4	11.5	11.8	107.1	105.1	103.3	836.7	846.5	884.3
21	Modesto-Turlock	50.2	50.7	51.6	.1	.1	.1	3.1	2.8	3.1	11.1	11.4	12.8
22	Ornard-Ventura	90.9	90.2	89.3	1.9	1.9	1.9	4.0	3.8	4.1	13.7	13.9	14.7
23	Sacramento	257.3	254.7	254.5	.2	.2	.2	10.2	9.4	10.0	22.1	20.8	23.9
24	Salinas-Monterey	60.6	59.3	59.0	.4	.4	.4	2.3	2.2	2.6	7.6	7.0	7.4
25	San Bernardino-Riverside-Ontario	297.5	295.8	286.2	2.3	2.3	2.3	14.0	13.6	13.2	52.4	53.1	52.4
26	San Diego	382.4	380.6	366.3	.5	.5	.5	21.1	20.7	20.4	68.3	69.1	67.9
27	San Francisco-Oakland	1,261.0	1,250.8	1,239.3	1.7	1.7	1.7	63.1	61.3	60.3	200.8	201.5	203.4
28	San Jose	372.6	369.9	363.4	.1	.1	.1	17.0	16.1	16.6	121.2	121.2	124.7
29	Santa Barbara	82.2	81.7	79.4	1.0	1.0	.9	4.4	4.2	4.4	10.5	10.8	10.7
30	Santa Rosa	49.3	48.4	47.1	.4	.3	.3	2.2	2.2	2.2	6.6	6.6	6.5
31	Stockton	85.9	84.5	85.7	.1	.1	.1	2.8	2.7	3.1	16.8	15.8	16.2
32	Vallejo-Napa	66.9	66.2	66.6	.2	.2	.2	2.2	2.0	2.1	6.2	6.1	6.6
33	COLORADO	718.6	717.0	697.6	13.7	13.7	12.7	38.0	37.5	36.7	113.0	113.3	109.8
34	Denver	466.0	464.4	452.2	4.5	4.5	4.5	26.4	26.2	25.1	81.9	81.9	80.8
35	CONNECTICUT	1,202.5	1,197.3	1,191.6	(2)	(2)	(2)	55.0	51.4	52.6	464.3	469.5	478.8
36	Bridgeport	149.1	153.5	156.1	(2)	(2)	(2)	6.1	5.3	5.8	66.9	73.1	78.3
37	Hartford	321.4	321.8	320.1	(2)	(2)	(2)	14.3	13.2	13.4	105.3	105.8	109.4
38	New Britain	46.6	46.8	47.1	(2)	(2)	(2)	1.6	1.4	1.6	24.6	25.0	25.5
39	New Haven	157.1	155.1	156.4	(2)	(2)	(2)	7.6	7.0	7.9	43.6	43.9	46.4
40	Stamford	81.2	79.7	79.1	(2)	(2)	(2)	3.9	3.5	3.9	27.3	27.1	27.8
41	Waterbury	78.3	77.8	79.7	(2)	(2)	(2)	3.3	2.9	3.0	37.6	37.8	41.2
42	DELAWARE	209.2	208.0	203.0	(1)	(1)	(1)	14.2	13.5	13.0	71.7	71.8	68.6
43	Wilmington	189.7	188.3	182.5	(1)	(1)	(1)	13.2	12.5	11.8	69.5	69.7	65.4
44	DISTRICT OF COLUMBIA ³	(*)	683.7	677.5	(*)	(1)	(1)	(*)	15.2	19.2	(*)	20.0	20.2
45	Washington SMSA	(*)	1,124.5	1,107.8	(*)	(1)	(1)	(*)	61.8	68.8	(*)	44.9	45.2
46	FLORIDA	(*)	2,171.6	2,068.3	(*)	7.9	8.0	(*)	167.2	142.9	(*)	331.4	331.9
47	Fort Lauderdale-Hollywood	179.9	183.1	163.1	(1)	(1)	(1)	26.4	27.0	19.5	20.5	20.9	20.7
48	Jacksonville	192.1	191.1	187.9	(1)	(1)	(1)	13.2	13.3	12.9	24.5	23.7	23.7
49	Miami	498.6	502.9	480.2	(1)	(1)	(1)	31.7	33.4	25.7	78.9	80.0	77.2
50	Orlando	136.0	137.5	129.6	(1)	(1)	(1)	13.4	13.2	11.0	20.3	21.4	22.5
51	Pensacola	67.3	66.8	66.3	(1)	(1)	(1)	4.8	4.8	5.1	14.6	14.5	14.5
52	Tampa-St. Petersburg	307.0	307.2	293.9	(1)	(1)	(1)	24.2	23.9	22.0	53.8	54.4	54.6
53	West Palm Beach	115.2	116.8	104.9	(1)	(1)	(1)	12.9	13.1	10.6	20.4	20.3	18.2
54	GEORGIA	1,529.0	1,526.3	1,509.2	6.9	6.9	6.7	76.2	75.6	80.9	462.4	465.8	472.8
55	Atlanta	602.4	605.2	591.1	(1)	(1)	(1)	28.6	29.2	35.9	125.0	127.9	128.2

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			
Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	
56.8	56.0	55.8	187.6	187.4	181.9	41.5	41.4	40.7	127.8	126.7	126.7	211.0	207.9	206.1	1
18.6	18.6	18.3	59.8	60.0	58.2	17.7	17.6	17.1	36.4	36.3	34.9	34.5	34.0	33.7	2
1.9	1.9	1.9	12.1	12.0	12.1	2.0	2.0	1.9	16.1	16.2	17.1	29.5	29.5	29.1	3
10.8	10.3	11.2	25.1	25.2	25.0	5.0	5.0	4.9	16.0	16.0	15.7	17.2	17.4	17.0	4
4.5	4.4	4.3	15.0	14.9	15.0	4.5	4.5	4.3	10.4	10.3	10.5	18.5	18.2	17.7	5
1.6	1.6	1.5	6.0	6.0	6.0	1.1	1.1	1.2	3.3	3.3	3.4	12.4	12.4	12.0	6
7.9	7.5	7.8	14.5	14.3	12.9	2.9	2.8	2.6	11.3	11.0	10.1	33.8	33.7	32.4	7
29.0	29.2	27.9	126.9	126.1	113.8	29.6	29.5	26.0	92.2	92.1	83.8	119.1	118.5	114.3	8
17.0	17.1	16.2	81.7	81.6	72.9	21.8	21.7	19.2	53.8	53.9	49.8	56.6	56.4	53.3	9
5.8	5.7	5.4	23.7	23.7	20.8	4.6	4.6	3.9	19.3	19.2	17.9	27.3	27.3	26.4	10
31.3	31.4	31.0	105.1	104.3	103.4	20.7	20.5	20.4	73.9	73.0	71.6	102.9	103.2	101.4	11
2.2	2.2	2.1	4.8	4.8	4.7	.6	.6	.6	3.3	3.3	3.2	5.9	5.9	5.7	12
2.7	2.7	2.6	8.6	8.6	8.9	1.4	1.4	1.4	6.4	6.4	6.4	6.1	6.0	5.0	13
9.1	9.4	9.2	26.3	26.4	26.3	8.7	8.7	8.4	18.4	18.3	18.0	24.3	24.0	23.7	14
3.2	3.2	3.0	4.6	4.7	4.7	.9	.9	.9	3.2	3.2	3.2	5.8	5.7	5.8	15
446.6	461.0	455.2	1,519.1	1,508.9	1,454.1	378.9	376.9	361.4	1,257.7	1,250.3	1,198.4	1,437.4	1,433.2	1,392.0	16
13.6	13.7	12.5	99.9	97.2	88.4	20.1	19.8	18.7	69.0	67.7	64.0	68.4	67.5	63.1	17
6.2	6.2	6.2	19.8	19.7	19.8	3.6	3.6	3.4	14.2	13.9	13.6	26.1	25.9	25.4	18
7.7	7.7	7.6	28.4	28.4	28.1	5.4	5.4	5.3	21.1	20.8	20.3	29.0	28.5	27.1	19
168.2	179.0	175.4	638.2	636.2	613.8	168.8	167.8	161.2	540.6	539.2	518.4	416.1	422.8	407.6	20
2.7	2.8	2.7	11.2	11.3	11.0	1.5	1.5	1.5	9.6	9.7	9.2	10.9	11.1	11.2	21
4.2	4.3	3.9	20.4	20.3	18.9	3.3	3.1	3.1	14.3	14.0	13.8	29.1	28.9	28.9	22
17.5	17.6	17.7	51.2	51.7	50.5	10.2	10.2	10.2	37.2	37.1	35.7	108.7	107.7	106.3	23
3.9	4.0	4.0	14.7	14.4	14.4	2.4	2.4	2.4	11.7	11.4	10.9	17.6	17.5	16.9	24
17.4	17.5	17.4	66.8	65.9	63.0	10.0	10.0	9.7	56.9	56.6	53.8	77.7	76.8	74.4	25
20.4	20.2	19.4	83.6	83.3	78.9	18.0	17.9	16.8	71.6	71.0	67.9	98.9	97.9	94.5	26
128.1	133.7	133.1	271.1	269.9	263.0	97.8	97.8	94.6	221.7	220.5	211.4	276.7	274.4	271.8	27
15.9	16.2	15.7	70.0	69.7	65.4	13.5	13.3	13.0	73.2	72.5	71.2	61.7	60.8	56.7	28
3.6	3.6	3.6	17.4	17.1	16.7	3.2	3.1	3.0	20.1	20.0	19.1	22.0	21.9	21.0	29
2.6	2.6	2.5	11.8	11.3	11.3	3.2	3.2	3.0	8.8	8.6	8.4	13.7	13.6	12.9	30
6.4	6.3	6.7	18.7	18.8	18.8	3.0	3.0	2.9	14.1	13.9	13.7	24.1	24.0	24.3	31
3.4	3.4	3.5	11.6	11.5	11.5	1.9	1.9	1.9	10.7	10.6	10.3	30.7	30.5	30.5	32
50.6	51.0	49.7	167.3	166.9	163.9	37.7	37.5	36.5	124.2	123.8	121.3	174.1	173.3	167.0	33
35.3	35.6	34.9	114.0	113.9	110.4	29.1	28.8	27.8	83.8	83.3	82.2	91.0	90.2	86.5	34
54.1	53.6	52.0	224.3	221.7	216.2	71.6	71.3	67.9	179.3	176.4	175.2	154.0	153.4	149.0	35
6.4	6.3	6.2	29.9	29.4	27.5	4.7	4.6	4.5	21.2	20.7	20.1	14.0	14.0	13.6	36
11.6	12.0	11.5	61.2	60.6	60.2	41.0	41.7	39.5	44.3	44.8	44.4	43.8	43.7	41.7	37
1.7	1.8	1.6	7.5	7.4	7.2	1.1	1.2	1.2	5.3	5.3	5.1	4.8	4.7	5.0	38
13.7	13.6	13.6	31.4	30.8	30.8	8.0	8.0	7.8	32.7	32.1	30.6	20.1	19.8	19.3	39
3.3	3.3	3.1	17.4	17.1	16.4	4.4	4.4	4.1	17.0	16.4	16.3	8.0	8.0	7.6	40
3.2	3.2	3.1	13.1	13.0	11.9	2.2	2.1	2.1	10.5	10.3	10.1	8.4	8.4	8.4	41
10.7	10.7	11.0	41.7	41.7	42.9	8.8	8.8	8.7	29.2	28.7	28.4	32.9	32.8	30.4	42
9.5	9.4	9.7	35.5	35.5	36.3	7.8	7.8	7.7	26.7	26.0	26.0	27.5	27.4	25.6	43
(*)	31.5	30.9	(*)	84.3	83.8	(*)	31.9	31.5	(*)	138.0	133.7	(*)	362.8	358.2	44
(*)	59.6	58.0	(*)	222.7	216.4	(*)	63.7	62.4	(*)	243.6	238.0	(*)	428.2	419.0	45
(*)	152.3	146.7	(*)	573.3	539.2	(*)	128.9	120.9	(*)	411.6	395.1	(*)	399.0	383.6	46
9.9	9.8	8.1	48.5	49.8	46.1	11.2	11.4	10.2	37.7	39.0	35.3	25.7	25.2	23.2	47
21.2	21.2	20.8	51.9	51.9	51.2	18.5	18.5	17.1	28.6	28.7	28.7	34.2	33.8	33.5	48
52.2	52.1	53.8	133.0	133.9	127.5	32.0	32.0	31.0	112.0	113.8	108.2	58.8	57.7	56.8	49
8.6	8.5	7.5	38.7	39.5	36.8	9.2	9.1	8.7	23.5	23.9	22.8	22.3	21.9	20.3	50
3.5	3.4	3.5	14.7	14.6	13.9	2.6	2.6	2.5	8.7	8.7	8.6	18.4	18.2	18.2	51
21.1	20.9	19.9	88.5	89.2	83.3	17.6	17.6	17.0	57.0	57.3	55.2	44.8	43.9	41.9	52
5.1	5.0	4.6	29.5	29.9	27.6	7.0	7.2	6.3	23.5	24.7	22.0	16.8	16.6	15.6	53
107.6	107.0	101.1	326.0	326.3	316.3	73.2	73.3	71.1	178.6	177.7	176.8	298.1	293.7	283.5	54
59.4	60.0	55.8	165.5	165.6	155.4	42.0	42.0	40.3	88.4	87.2	87.4	93.5	93.3	88.1	55

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969
1	GEORGIA (continued)												
2	Augusta	88.2	87.6	87.5	(1)	(1)	(1)	5.6	5.5	5.1	29.8	30.0	30.9
3	Columbus	69.5	69.8	70.4	(1)	(1)	(1)	4.5	4.5	4.5	18.9	19.2	19.7
4	Macon	78.8	78.1	78.2	(1)	(1)	(1)	5.4	5.1	4.2	14.4	14.6	15.3
5	Savannah	68.0	67.5	67.9	(1)	(1)	(1)	4.3	4.2	3.7	16.6	16.7	17.3
6	HAWAII	284.0	282.4	269.1	(1)	(1)	(1)	24.1	24.3	21.9	24.7	23.4	24.3
7	Honolulu	241.9	241.0	229.3	(1)	(1)	(1)	21.4	21.7	19.4	18.2	17.2	17.4
8	IDAHO	199.3	197.5	195.2	3.5	3.4	3.4	9.0	8.1	9.1	37.7	37.5	38.4
9	Boise	39.4	39.0	37.4	(1)	(1)	(1)	2.2	2.1	2.1	4.6	4.5	4.4
10	ILLINOIS	4,339.6	4,347.5	4,321.4	22.2	22.3	22.5	189.9	178.6	187.1	1,368.8	1,377.2	1,395.2
11	Chicago ⁴	(*)	3,017.6	2,984.9	(*)	4.8	5.1	(*)	122.3	125.0	(*)	965.8	974.4
12	Chicago-Northwestern Indiana	(*)	3,242.9	3,205.0	(*)	4.9	4.8	(*)	137.8	136.5	(*)	1,073.9	1,071.4
13	Davenport-Rock Island-Moline	(*)	130.7	134.9	(*)	(2)	(2)	(*)	5.2	6.4	(*)	43.5	46.2
14	Peoria	(*)	130.4	127.1	(*)	(2)	(2)	(*)	7.1	7.1	(*)	49.0	47.5
15	Rockford	(*)	112.4	112.4	(*)	(2)	(2)	(*)	4.4	4.8	(*)	56.7	58.2
16	INDIANA	1,856.9	1,849.1	1,862.6	7.4	7.0	7.7	84.2	79.8	84.7	716.3	719.0	744.0
17	Evansville	86.6	88.0	88.4	1.6	1.5	1.5	1.8	4.1	4.3	34.1	33.7	34.1
18	Fort Wayne	121.3	120.6	118.5	(1)	(1)	(1)	5.3	5.0	5.6	45.8	45.9	45.5
19	Gary-Hammond-East Chicago ⁴	223.6	224.5	218.9	(1)	(1)	(1)	15.6	15.5	14.2	107.4	107.3	105.5
20	Indianapolis	428.8	425.5	421.5	(1)	(1)	(1)	21.9	21.0	20.1	133.9	134.1	135.9
21	Muncie	47.9	47.5	46.7	(1)	(1)	(1)	1.8	1.6	2.4	19.3	19.3	18.5
22	South Bend	93.5	92.7	96.5	(1)	(1)	(1)	3.7	3.6	3.9	33.5	33.3	35.9
23	Terre Haute	55.4	54.7	53.9	1.0	1.0	1.0	2.1	1.7	2.3	15.6	15.5	14.7
24	IOWA	886.5	875.9	874.5	3.2	2.9	2.9	38.5	33.6	38.4	214.0	217.6	223.8
25	Cedar Rapids	65.1	65.2	67.1	(1)	(1)	(1)	2.3	2.1	2.7	25.6	26.3	27.9
26	Des Moines	131.7	130.0	127.6	(1)	(1)	(1)	6.6	6.0	5.8	26.9	26.9	26.4
27	Dubuque	34.5	34.1	33.1	(1)	(1)	(1)	1.7	1.5	1.5	14.2	14.2	13.7
28	Sioux City	42.0	40.3	41.0	(1)	(1)	(1)	1.8	1.7	2.0	9.9	8.7	9.2
29	Waterloo	49.7	49.8	50.7	(1)	(1)	(1)	2.1	1.9	2.1	18.4	18.9	19.9
30	KANSAS	679.4	677.2	685.8	11.5	11.4	11.5	33.1	34.7	34.3	135.5	135.3	147.3
31	Topeka	62.9	63.3	60.9	.1	.1	.1	2.9	3.5	3.2	9.8	9.7	9.2
32	Wichita	140.5	142.5	149.4	2.0	2.1	2.4	7.2	7.3	6.6	41.0	42.6	49.8
33	KENTUCKY	900.6	896.2	887.7	27.9	27.2	26.3	48.1	46.5	53.9	248.5	252.2	243.8
34	Lexington	77.5	77.6	77.5	(1)	(1)	(1)	5.4	4.8	5.2	15.8	16.4	16.7
35	Louisville	336.5	332.0	327.9	(1)	(1)	(1)	16.9	16.0	16.6	117.6	118.6	121.5
36	LOUISIANA	1,039.6	1,041.5	1,032.4	51.2	51.2	50.4	77.7	78.5	78.9	175.9	176.5	177.7
37	Baton Rouge	100.2	101.1	102.7	.7	.7	.5	11.5	12.3	12.0	17.9	18.1	18.7
38	Lake Charles	41.3	41.7	41.2	1.6	1.6	1.5	5.1	5.2	5.4	8.9	9.2	8.9
39	Monroe	38.0	38.1	38.3	.3	.4	.3	3.5	3.5	3.8	6.5	6.5	6.9
40	New Orleans	374.3	374.8	370.4	14.8	15.1	13.7	21.5	21.5	22.1	54.5	54.4	55.7
41	Shreveport	93.3	93.2	90.9	3.9	4.0	4.0	6.4	6.2	5.5	15.9	16.1	16.8
42	MAINE	326.1	324.3	324.5	(1)	(1)	(1)	13.5	13.2	13.4	109.9	110.5	115.3
43	Lewiston-Auburn	28.4	28.3	28.8	(1)	(1)	(1)	1.3	1.3	1.3	12.8	12.8	13.8
44	Portland	63.6	62.9	62.9	(1)	(1)	(1)	2.9	2.8	3.0	14.4	14.4	15.5
45	MARYLAND ³	1,296.8	1,290.5	1,260.9	1.8	1.8	1.8	79.4	79.5	81.2	273.3	274.9	278.9
46	Baltimore	807.9	807.7	793.1	.3	.3	.3	38.9	40.0	40.3	200.4	201.7	205.7
47	MASSACHUSETTS ⁵	2,241.1	2,228.6	2,220.7	(1)	(1)	(1)	86.0	83.1	87.8	657.0	662.7	678.6
48	Boston	1,297.9	1,281.1	1,271.2	(1)	(1)	(1)	52.4	45.1	50.0	286.8	288.4	294.1
49	Brockton	50.4	49.2	49.8	-	-	-	2.1	1.6	1.9	16.2	16.5	17.1
50	Fall River	48.1	47.7	47.1	(1)	(1)	(1)	(1)	(1)	(1)	23.1	23.4	22.9
51	Lawrence-Haverhill	81.6	80.5	81.0	(1)	(1)	(1)	1.9	1.5	1.8	38.1	38.2	38.3
52	Lowell	52.3	51.5	52.0	(1)	(1)	(1)	2.0	1.7	1.9	20.2	20.3	20.5
53	New Bedford	54.3	53.7	55.3	(1)	(1)	(1)	1.7	1.4	1.7	25.8	26.3	27.3
54	Springfield-Chicopee-Holyoke	191.6	192.8	195.3	(1)	(1)	(1)	4.0	6.9	7.0	68.8	69.4	73.0
55	Worcester	130.1	129.0	130.2	(1)	(1)	(1)	5.2	4.4	5.2	46.2	47.2	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			
Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	
4.1	4.1	3.9	14.9	14.9	14.7	3.1	3.1	3.0	10.1	9.8	10.0	20.6	20.2	19.9	1
3.3	3.3	3.2	13.8	13.9	13.3	3.9	3.9	3.7	8.5	8.6	8.7	16.6	16.4	17.3	2
3.5	3.5	3.5	14.1	14.1	14.4	4.0	3.9	3.8	9.0	9.0	8.8	28.4	27.9	28.2	3
7.0	6.8	7.1	15.4	15.4	15.6	3.2	3.2	3.1	9.4	9.4	9.3	12.1	11.8	11.8	4
23.5	23.4	21.7	65.4	65.4	62.1	17.9	17.7	16.4	55.8	55.7	52.0	72.6	72.5	70.7	5
19.8	19.8	18.3	55.9	56.1	53.1	16.6	16.4	15.1	46.6	46.4	43.2	63.4	63.4	62.8	6
14.2	14.0	13.8	48.0	47.3	46.6	7.9	7.9	7.5	30.7	31.2	30.4	48.3	48.1	46.0	7
3.2	3.2	3.2	10.9	10.8	10.5	2.8	2.7	2.6	6.4	6.3	6.0	9.3	9.4	8.6	8
256.1	287.6	284.8	953.1	945.5	931.8	234.0	232.7	225.1	685.4	676.0	665.4	630.1	627.6	609.6	9
(*)	208.5	204.9	(*)	671.1	661.4	(*)	181.7	176.1	(*)	502.5	492.3	(*)	360.9	345.7	10
(*)	222.0	222.7	(*)	708.1	701.8	(*)	187.8	183.0	(*)	525.1	515.9	(*)	383.3	368.8	11
(*)	6.7	7.0	(*)	28.8	28.9	(*)	5.1	5.1	(*)	18.7	18.2	(*)	22.7	23.1	12
(*)	7.2	7.2	(*)	27.9	27.5	(*)	5.4	5.0	(*)	18.7	18.0	(*)	15.2	14.9	13
(*)	3.6	3.4	(*)	20.6	20.4	(*)	3.1	3.2	(*)	13.8	13.4	(*)	10.3	9.0	14
99.0	100.5	98.7	366.8	363.6	359.8	75.2	74.8	73.8	207.9	205.9	203.1	300.1	298.5	290.8	15
5.2	5.3	5.2	18.7	18.6	19.0	3.3	3.3	3.3	13.1	12.9	12.8	8.8	8.6	8.2	16
8.0	8.5	8.2	28.1	27.6	26.7	6.5	6.5	6.2	15.6	15.2	15.0	12.0	11.9	11.3	17
11.5	13.5	13.3	37.5	37.0	36.2	6.2	6.1	6.0	22.8	22.7	22.0	22.6	22.4	21.7	18
28.1	28.1	27.2	94.4	93.9	93.7	28.8	28.5	28.0	54.4	53.5	51.8	67.3	66.4	64.8	19
2.4	2.4	2.5	8.9	8.8	8.6	1.4	1.4	1.4	5.2	5.1	5.0	8.9	8.9	8.3	20
4.6	4.9	4.9	20.2	19.9	20.8	4.8	4.8	4.8	15.8	15.5	15.9	10.9	10.7	10.3	21
4.1	4.2	4.1	12.9	12.8	13.0	1.7	1.7	1.7	6.6	6.5	6.4	11.4	11.3	10.7	22
50.5	50.4	50.5	208.8	205.1	203.8	42.2	41.7	40.3	145.6	144.4	141.9	183.8	180.2	172.9	23
3.0	3.1	3.1	13.3	13.2	13.5	3.2	3.2	3.0	10.4	10.2	10.1	7.4	7.2	6.9	24
8.9	9.2	9.0	32.4	31.8	32.3	15.4	15.3	14.1	22.3	22.0	21.7	19.3	18.9	18.3	25
1.7	1.7	1.7	6.7	6.6	6.7	.9	.9	.9	6.5	6.5	6.3	2.7	2.7	2.4	26
3.2	3.2	3.2	11.7	11.5	11.8	2.0	2.0	2.0	7.9	7.7	7.5	5.5	5.4	5.2	27
2.4	2.4	2.5	9.8	9.8	9.9	1.5	1.4	1.4	7.3	7.3	7.4	8.2	8.1	7.5	28
50.8	50.7	51.4	157.8	157.3	155.7	30.0	30.0	29.1	102.9	101.5	102.3	157.8	156.3	154.2	29
7.3	7.4	7.4	13.1	13.1	12.8	3.9	3.9	3.8	10.2	9.9	9.7	15.9	15.8	14.9	30
7.6	7.6	7.8	31.7	32.1	32.9	6.4	6.5	6.6	24.8	24.8	24.1	20.0	19.7	19.3	31
59.4	60.0	59.1	183.0	180.2	178.9	35.0	34.8	34.5	126.5	123.6	122.7	172.2	171.7	168.5	32
4.2	4.3	4.1	14.6	14.6	14.7	3.7	3.7	3.5	12.3	12.4	12.7	21.5	21.4	20.6	33
23.2	23.0	22.5	71.6	70.0	67.5	17.2	16.9	16.4	48.3	46.7	45.4	41.7	40.8	37.8	34
94.9	95.2	94.8	226.7	226.5	226.1	50.0	50.0	48.5	149.3	149.8	149.3	213.9	213.8	206.7	35
5.4	5.4	5.2	20.9	20.9	21.8	5.3	5.3	5.5	13.7	13.6	14.5	24.9	24.9	24.4	36
3.1	3.1	3.1	8.2	8.2	8.2	1.5	1.5	1.5	5.8	5.8	5.7	7.1	7.1	6.9	37
2.4	2.4	2.3	10.2	10.2	9.9	2.4	2.4	2.4	5.3	5.3	5.2	7.4	7.4	7.5	38
46.4	46.7	48.7	89.3	89.5	87.3	22.5	22.7	22.4	67.6	68.2	65.9	57.7	56.8	54.7	39
9.4	9.5	9.3	23.3	23.4	22.4	4.7	4.7	4.6	14.0	13.9	13.7	15.7	15.4	14.6	40
16.9	17.0	16.9	65.7	64.9	62.6	12.0	11.9	11.5	41.1	40.4	40.2	67.0	66.4	64.6	41
.9	.9	.9	6.3	6.2	6.1	.9	.9	.8	4.1	4.1	4.0	2.1	2.1	1.9	42
5.1	5.1	5.2	17.2	17.0	16.5	5.4	5.4	5.1	10.9	10.6	10.4	7.7	7.6	7.2	43
80.7	81.1	79.5	301.9	299.3	285.7	67.9	67.0	64.8	234.1	230.8	224.4	257.7	256.1	244.6	44
56.7	57.1	56.4	173.3	172.6	166.8	43.4	43.2	41.6	137.6	136.2	131.5	157.3	156.6	150.5	45
116.8	116.6	114.1	482.7	478.0	474.4	129.7	128.7	123.8	467.0	459.5	449.0	301.9	300.0	293.0	46
76.6	74.9	72.6	290.1	287.9	286.1	95.6	94.4	89.9	320.3	315.0	307.6	176.1	175.4	170.9	47
3.5	3.5	3.2	12.7	12.1	12.4	1.4	1.4	1.4	6.7	6.4	6.2	7.8	7.7	7.6	48
1.8	1.8	1.7	9.2	9.2	9.2	(1)	(1)	(1)	9.6	8.9	9.1	4.4	4.4	4.2	49
2.4	2.4	2.3	15.0	14.8	14.7	2.4	2.3	2.4	9.6	9.2	9.8	12.2	12.1	11.7	50
2.0	2.0	2.0	10.8	10.3	10.7	1.5	1.5	1.4	8.8	8.8	8.8	7.0	6.9	6.7	51
2.7	2.7	2.6	9.9	9.6	9.7	(1)	(1)	(1)	9.4	9.0	9.4	4.8	4.7	4.6	52
8.3	8.2	8.2	40.3	39.1	39.5	9.3	9.2	9.1	35.2	34.4	34.0	25.7	25.6	24.5	53
6.3	6.3	6.5	26.2	25.6	25.6	7.2	7.2	6.7	22.6	22.2	21.9	16.4	16.1	15.9	54

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969
1	MICHIGAN	3,011.0	3,022.1	3,033.7	12.2	11.8	12.3	99.3	97.6	112.6	1,108.8	1,115.8	1,149.9
2	Ann Arbor	104.9	105.3	103.8	(1)	(1)	(1)	2.8	2.6	3.1	34.7	34.9	35.8
3	Battle Creek	58.1	57.7	59.1	(1)	(1)	(1)	2.0	1.8	1.9	25.4	25.3	27.0
4	Bay City	29.3	29.1	30.6	(1)	(1)	(1)	1.1	1.1	1.3	11.0	11.0	12.4
5	Detroit	1,492.0	1,495.8	1,511.4	1.0	1.0	1.1	50.7	50.0	59.3	569.2	574.5	583.0
6	Flint	159.5	160.0	163.5	(1)	(1)	(1)	6.7	6.6	6.6	84.3	84.2	90.0
7	Grand Rapids	182.5	180.8	187.7	(1)	(1)	(1)	7.4	6.6	9.0	70.7	70.8	76.4
8	Jackson	45.8	45.6	46.1	(1)	(1)	(1)	2.1	1.9	2.0	18.4	18.6	19.4
9	Kalamazoo	72.8	73.1	72.3	(1)	(1)	(1)	3.2	3.1	3.3	29.0	29.3	29.8
10	Lansing	133.8	133.1	129.8	(1)	(1)	(1)	5.3	4.5	6.1	39.3	39.6	39.0
11	Muskegon-Muskegon Heights	51.0	51.7	51.4	(1)	(1)	(1)	1.6	1.6	2.2	26.8	27.6	27.3
12	Saginaw	73.8	73.4	73.3	(1)	(1)	(1)	3.4	3.4	3.7	32.6	32.3	33.2
13	MINNESOTA	1,300.9	1,298.6	1,271.9	13.9	13.5	13.7	61.0	59.8	61.3	319.2	323.1	321.7
14	Duluth-Superior	56.5	55.1	55.1	(1)	(1)	(1)	2.5	2.2	2.3	10.5	10.5	10.4
15	Minneapolis-St. Paul	789.7	790.6	773.0	(1)	(1)	(1)	38.8	38.1	38.1	216.1	218.2	218.3
16	MISSISSIPPI	577.3	571.6	561.6	6.0	6.0	5.7	34.5	32.6	28.6	178.9	179.2	180.2
17	Jackson	89.9	89.4	89.8	.7	.7	.7	4.8	5.0	5.6	13.3	13.1	14.5
18	MISSOURI	1,651.7	1,660.9	1,664.0	8.9	9.0	8.9	70.2	70.4	71.2	440.0	446.4	459.1
19	Kansas City	509.5	515.3	505.3	.6	.6	.6	19.7	25.1	22.3	127.7	129.6	127.8
20	St. Joseph	32.2	32.2	31.7	(2)	(2)	(2)	1.6	1.9	1.7	10.1	10.0	10.0
21	St. Louis	885.9	898.2	914.7	1.9	2.2	2.5	40.7	40.0	41.9	274.4	279.9	295.0
22	Springfield	54.6	54.6	54.7	.1	.1	.1	2.8	2.7	2.8	14.5	14.8	15.2
23	MONTANA	192.7	188.5	191.5	6.5	6.3	5.8	8.6	7.1	9.5	22.3	22.8	23.1
24	Billings	27.3	26.9	27.3	(1)	(1)	(1)	1.0	.9	1.2	2.7	2.6	2.6
25	Great Falls	23.5	23.3	24.0	(1)	(1)	(1)	1.1	1.0	1.7	2.9	2.9	3.1
26	NEBRASKA	483.1	474.6	468.2	1.8	1.7	1.7	26.4	23.9	23.7	84.4	84.1	84.9
27	Lincoln	72.1	71.2	69.2	-	-	-	3.5	3.3	2.9	10.5	10.5	10.7
28	Omaha	207.6	206.1	201.1	(2)	(2)	(2)	11.8	11.5	10.9	40.0	39.7	39.5
29	NEVADA	194.2	192.8	183.3	3.9	3.9	3.8	11.4	11.4	10.7	8.2	8.1	7.5
30	Las Vegas	108.9	108.7	101.5	.2	.2	.2	6.9	7.0	6.2	4.2	4.2	3.8
31	Reno	54.1	53.3	49.7	.2	.2	.2	3.3	3.2	3.0	2.8	2.8	2.7
32	NEW HAMPSHIRE	252.5	250.6	250.8	.3	.3	.3	10.7	9.7	12.3	94.1	94.9	97.7
33	Manchester	49.2	48.6	49.2	(1)	(1)	(1)	2.4	2.2	2.7	16.6	16.5	17.0
34	NEW JERSEY	2,596.2	2,580.6	2,553.8	3.2	3.1	3.5	119.3	110.2	116.5	873.4	884.2	889.3
35	Atlantic City	62.4	59.6	61.3	-	-	-	3.8	3.5	3.5	10.8	10.8	10.9
36	Camden	253.9	251.1	246.6	.1	.1	.1	14.1	12.9	13.1	74.6	75.4	76.6
37	Jersey City	269.6	271.1	264.4	-	-	-	7.5	7.0	6.8	110.6	112.5	110.4
38	Newark	796.0	793.5	793.4	1.0	.9	1.0	31.3	29.1	32.3	250.1	253.4	259.7
39	Paterson-Clifton-Passaic	504.1	501.1	494.7	.4	.4	.4	21.5	20.3	22.2	188.2	190.2	192.3
40	Perth Amboy	274.7	273.1	263.7	.8	.8	.8	13.4	12.4	12.2	112.1	113.5	113.2
41	Trenton	132.5	132.1	130.7	(1)	(1)	(1)	4.2	4.1	3.7	40.0	40.2	41.6
42	NEW MEXICO	290.2	288.6	280.7	16.6	16.7	17.0	17.5	16.5	16.6	20.6	20.6	19.4
43	Albuquerque	106.9	106.4	101.4	(1)	(1)	(1)	6.6	6.6	6.1	9.1	9.0	8.2
44	NEW YORK	7,224.8	7,159.1	7,142.2	7.9	7.6	8.0	256.8	233.7	257.9	1,828.3	1,838.5	1,867.9
45	Albany-Schenectady-Troy	275.8	271.9	273.1	(1)	(1)	(1)	13.2	11.8	12.5	62.4	62.3	64.1
46	Binghamton	104.6	104.0	104.9	(1)	(1)	(1)	4.2	3.7	4.2	43.4	43.9	45.0
47	Buffalo	499.0	497.3	496.6	(1)	(1)	(1)	17.8	16.3	17.8	173.9	174.7	177.7
48	Elmira	38.3	37.9	38.6	(1)	(1)	(1)	1.7	1.2	1.5	15.6	15.6	16.1
49	Monroe County	305.1	303.7	302.5	(1)	(1)	(1)	12.3	11.5	12.9	133.0	133.4	134.1
50	Nassau and Suffolk Counties	709.6	699.1	693.3	(1)	(1)	(1)	39.8	35.1	37.8	155.7	157.5	165.1
51	New York-Northeastern New Jersey	(*)	6,708.6	6,670.5	(*)	4.6	4.8	(*)	225.5	239.3	(*)	1,737.1	1,760.7
52	New York SMSA	4,922.6	4,877.1	4,854.2	2.6	2.5	2.6	168.0	156.3	165.7	1,061.7	1,068.0	1,085.1
53	New York City	3,844.7	3,817.2	3,803.0	2.1	2.0	2.0	106.0	101.6	105.7	812.5	816.9	825.9
54	Rochester	345.2	343.9	342.0	(1)	(1)	(1)	14.1	13.0	14.4	145.2	146.1	146.5
55	Rockland County	59.0	57.1	57.6	(1)	(1)	(1)	3.2	2.7	3.7	15.3	15.4	15.8
56	Syracuse	225.6	224.9	222.2	(1)	(1)	(1)	10.1	8.7	10.2	65.0	65.6	66.0
57	Utica-Rome	114.1	112.4	115.2	(1)	(1)	(1)	2.9	2.4	3.0	41.3	41.3	44.2
58	Westchester County	309.3	303.7	300.4	(1)	(1)	(1)	19.0	16.9	18.6	78.1	78.1	78.3

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			
Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	
143.2	147.9	150.1	579.6	581.5	574.5	114.7	114.6	113.6	401.5	403.4	397.0	551.7	549.4	523.7	1
2.7	2.7	2.7	13.6	13.9	12.9	2.2	2.1	2.1	11.1	10.9	10.3	37.7	38.2	36.9	2
2.6	2.6	2.3	9.1	9.1	9.0	3.2	3.2	3.3	7.8	7.8	7.7	8.1	7.9	7.9	3
1.6	1.6	1.6	6.7	6.7	6.9	.8	.7	.7	3.7	3.7	3.8	4.3	4.3	3.9	4
76.4	78.5	79.1	290.7	290.3	289.6	66.7	66.5	65.9	213.2	212.3	216.7	224.0	222.7	216.8	5
5.5	5.6	5.3	21.1	21.6	22.6	4.2	4.2	4.1	17.3	17.3	16.4	20.4	20.5	18.4	6
9.3	9.5	9.8	44.1	43.4	42.0	7.3	7.3	7.4	26.4	26.3	26.3	17.3	16.9	16.8	7
4.3	4.3	4.0	8.4	8.3	8.3	1.4	1.4	1.4	5.1	5.1	5.0	6.3	6.2	6.2	8
2.4	2.5	2.3	13.2	13.2	13.0	2.2	2.2	2.2	9.1	9.1	8.7	13.7	13.7	13.1	9
3.5	3.2	3.1	20.5	20.6	20.4	5.2	5.2	4.9	16.4	16.2	14.6	43.6	43.9	41.5	10
2.6	2.6	2.7	7.7	7.7	7.8	1.3	1.3	1.3	5.5	5.5	5.2	5.5	5.4	4.9	11
4.6	4.6	4.5	13.1	13.1	13.0	2.8	2.8	2.6	8.9	8.9	8.5	8.4	8.3	7.6	12
88.4	87.9	85.6	313.2	309.9	301.6	64.2	63.9	61.1	211.4	209.1	204.2	229.6	231.4	222.7	13
7.6	6.7	7.1	12.8	12.7	13.2	2.1	2.0	1.9	10.8	10.9	10.5	10.2	10.1	9.7	14
57.0	57.0	55.9	188.2	187.0	182.3	47.6	47.4	45.1	140.1	138.6	132.1	102.1	104.2	101.0	15
30.4	30.1	29.1	105.2	103.9	103.1	20.5	20.5	19.4	65.8	65.6	65.3	136.0	133.7	130.1	16
5.5	5.6	5.6	21.3	20.9	20.5	6.8	6.8	6.7	16.1	16.1	15.6	21.3	21.2	20.6	17
114.1	124.2	126.4	365.8	364.7	368.6	89.5	89.7	87.6	260.7	259.7	258.2	302.5	296.8	284.0	18
50.2	51.0	51.0	123.9	124.4	122.4	32.9	32.8	31.7	80.4	79.7	78.7	74.1	72.1	70.8	19
2.1	2.1	2.1	7.7	7.5	7.6	1.3	1.3	1.3	4.6	4.6	4.6	4.8	4.8	4.4	20
57.1	66.5	67.8	188.1	187.4	188.7	47.7	47.2	46.6	151.7	151.4	149.1	124.3	123.6	123.1	21
4.2	4.3	4.3	13.4	13.3	13.0	2.2	2.2	2.4	9.1	9.0	9.0	8.3	8.2	7.9	22
16.5	16.6	17.3	45.5	44.4	45.6	7.9	7.9	7.7	31.9	31.5	30.9	53.5	51.9	51.6	23
2.7	2.7	2.7	8.5	8.5	8.8	1.5	1.5	1.5	5.7	5.6	5.5	5.2	5.1	5.0	24
2.1	2.1	2.1	6.2	6.1	6.1	1.4	1.4	1.4	4.8	4.8	4.7	5.0	5.0	4.9	25
36.2	36.1	36.2	122.7	120.1	116.2	29.1	29.1	27.5	81.0	80.0	79.3	101.6	99.7	98.6	26
5.0	4.9	4.9	15.0	15.0	14.3	5.3	5.3	5.1	11.6	11.6	11.0	21.1	20.7	20.2	27
20.3	20.6	20.3	52.3	51.6	50.0	16.8	16.8	15.9	36.5	36.3	35.5	29.9	29.6	28.9	28
13.7	13.8	13.1	37.0	36.3	34.5	7.4	7.3	7.0	75.0	74.5	71.0	37.6	37.5	35.7	29
7.1	7.2	6.6	20.4	20.0	18.7	3.7	3.7	3.5	49.8	49.9	46.8	16.6	16.5	15.7	30
4.7	4.7	4.6	11.9	11.7	10.7	3.1	3.1	2.9	17.8	17.3	16.3	10.3	10.3	9.3	31
11.4	11.6	10.8	50.0	49.0	47.6	10.7	10.6	10.1	38.3	37.8	37.1	37.0	36.7	34.9	32
3.6	3.6	3.4	11.5	11.4	11.6	3.0	2.9	2.8	8.1	8.0	7.9	4.0	4.0	3.8	33
179.2	179.8	175.6	525.4	520.4	506.8	118.4	117.4	113.3	408.1	400.1	393.6	369.2	365.4	355.2	34
3.7	3.6	3.5	16.3	15.2	16.0	2.9	2.9	2.8	14.4	13.2	14.4	10.5	10.4	10.2	35
13.5	13.5	12.7	58.4	57.5	54.9	9.0	8.9	8.8	38.1	37.4	36.7	46.1	45.4	43.7	36
37.2	38.1	36.6	44.7	44.6	41.9	9.7	9.6	9.1	30.6	30.5	31.2	29.3	28.8	28.4	37
62.1	62.4	61.8	154.1	154.3	151.3	56.6	56.3	54.4	136.1	133.6	132.2	104.7	103.5	100.7	38
26.2	26.0	25.6	122.3	122.1	114.6	18.2	17.7	17.4	75.1	73.0	73.0	52.2	51.4	49.2	39
14.1	13.8	12.6	53.4	52.5	50.1	5.7	5.6	5.6	31.3	30.9	29.0	43.9	43.6	40.2	40
7.0	6.9	6.6	20.7	20.7	20.3	5.0	4.9	4.6	28.2	28.0	27.1	27.4	27.3	26.8	41
20.1	20.2	19.5	60.4	59.9	58.0	12.7	12.6	11.5	52.1	52.7	51.8	90.2	89.4	86.9	42
6.7	6.6	6.3	25.4	25.2	24.6	6.3	6.2	6.0	25.7	26.0	25.1	27.1	26.8	25.1	43
510.6	503.1	496.6	1,437.9	1,427.5	1,423.6	604.2	601.8	588.7	1,361.2	1,346.1	1,317.8	1,218.0	1,200.8	1,181.7	44
15.5	15.4	15.3	53.2	52.5	52.1	10.8	10.6	10.5	46.0	45.2	45.2	74.8	74.0	73.4	45
4.6	4.6	4.6	17.4	17.5	17.4	3.2	3.1	3.1	11.9	11.6	11.6	19.9	19.5	19.0	46
32.4	31.9	31.9	100.5	100.2	100.4	19.2	19.1	18.7	75.9	75.5	73.3	79.2	79.7	76.8	47
1.6	1.6	1.6	7.4	7.4	7.7	1.1	1.1	1.0	5.7	5.7	5.7	5.3	5.2	5.2	48
10.5	11.0	11.2	53.8	53.8	53.4	11.2	11.1	10.7	48.8	47.9	46.5	35.4	35.1	33.7	49
32.1	32.1	29.6	181.4	180.3	174.4	30.9	30.4	29.4	126.8	123.2	121.5	142.9	140.5	135.5	50
(*)	521.3	513.9	(*)	1,374.6	1,357.0	(*)	606.0	593.5	(*)	1,261.7	1,238.2	(*)	977.8	963.1	51
390.3	382.2	377.3	1,006.5	1,000.9	999.2	518.1	516.9	507.1	1,005.8	993.9	972.8	769.6	756.4	744.5	52
335.9	328.1	326.7	747.7	744.8	748.1	471.4	471.0	462.4	802.9	797.7	780.6	566.0	555.1	551.5	53
12.3	12.8	12.9	61.1	60.9	60.6	12.1	11.9	11.5	52.7	51.7	50.8	47.9	47.6	45.4	54
3.2	3.1	3.1	10.6	9.9	9.9	1.8	1.7	1.7	9.5	9.1	9.2	15.3	15.2	14.2	55
13.8	13.8	13.7	49.4	49.2	47.7	11.8	11.6	11.0	36.6	37.0	35.4	38.9	38.9	38.3	56
5.5	5.6	5.3	18.1	17.6	17.9	4.6	4.5	4.4	14.6	14.5	14.0	27.1	26.6	26.4	57
19.0	18.9	17.9	66.8	65.9	66.7	14.0	13.7	13.5	67.0	64.4	62.1	45.3	45.7	43.3	58

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

	State and area	TOTAL			Mining			Contract construction			Manufacturing		
		Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969
1	NORTH CAROLINA	1,741.8	1,740.8	1,720.5	3.7	3.6	3.6	96.9	95.3	94.4	696.1	698.6	705.9
2	Asheville	-	-	-	-	-	-	-	-	-	19.3	19.3	20.4
3	Charlotte	177.3	177.6	175.0	(1)	(1)	(1)	11.3	11.7	11.9	41.7	41.9	42.9
4	Greensboro-Winston-Salem-High Point	258.4	258.3	255.1	(1)	(1)	(1)	14.0	13.9	13.4	109.4	109.9	111.8
5	Raleigh	-	-	-	-	-	-	-	-	-	14.3	14.4	14.2
6	NORTH DAKOTA	158.2	157.7	154.7	1.7	1.7	1.7	6.6	6.4	6.2	9.0	9.0	8.8
7	Fargo-Moorhead	41.7	41.4	40.2	(1)	(1)	(1)	2.6	2.6	2.4	2.6	3.0	2.8
8	OHIO	3,915.7	3,904.9	3,850.5	20.4	20.3	19.6	177.9	165.6	170.5	1,432.3	1,445.5	1,459.2
9	Akron	247.6	249.2	243.9	.3	.3	.3	9.1	8.3	8.8	100.5	100.8	99.8
10	Canton	136.2	136.0	135.2	.4	.3	.3	5.6	5.2	5.4	60.5	61.0	62.6
11	Cincinnati	511.6	508.0	495.4	.4	.4	.4	22.1	20.9	22.2	171.9	172.5	169.1
12	Cleveland	867.8	867.9	860.8	1.7	1.6	1.7	38.3	36.2	38.3	305.0	307.7	315.1
13	Columbus	381.1	377.0	366.9	.8	.8	.7	18.5	16.8	18.4	92.1	92.5	92.4
14	Dayton	338.2	335.4	329.4	.5	.5	.5	13.2	12.1	13.0	130.9	131.1	132.8
15	Toledo	243.8	243.1	238.5	.3	.3	.3	10.2	9.5	10.2	83.0	83.1	83.0
16	Youngstown-Warren	195.0	196.6	195.7	.3	.3	.3	10.0	9.2	8.7	84.8	88.2	91.5
17	OKLAHOMA	759.3	758.5	748.1	38.5	38.4	40.7	36.1	35.5	37.0	130.9	132.1	125.9
18	Oklahoma City	252.2	252.9	247.7	6.8	6.7	6.6	13.2	12.5	12.9	36.9	37.4	33.9
19	Tulsa	179.1	178.7	176.0	13.1	13.0	13.9	8.6	8.3	8.9	43.7	44.0	42.0
20	OREGON	695.1	693.2	693.4	1.5	1.5	1.4	26.5	25.3	32.0	165.8	166.8	173.0
21	Eugene	65.3	64.8	67.4	(1)	(1)	(1)	2.8	2.5	3.0	17.1	17.0	19.2
22	Portland	379.8	379.3	373.9	(1)	(1)	(1)	16.3	15.8	19.5	86.4	87.3	85.7
23	Salem	52.4	52.0	50.9	(1)	(1)	(1)	2.2	2.2	2.7	8.2	8.3	7.7
24	PENNSYLVANIA	4,368.7	4,349.1	4,344.7	40.1	39.0	38.6	204.5	187.9	198.2	1,539.4	1,548.5	1,578.9
25	Allentown-Bethlehem-Easton	216.9	216.5	212.9	.5	.5	.5	8.2	8.0	7.8	106.3	106.6	105.6
26	Altoona	48.9	48.5	48.1	(1)	(1)	(1)	1.7	1.6	1.9	16.6	16.3	15.9
27	Erie	98.8	97.8	96.4	(1)	(1)	(1)	4.1	3.6	3.9	43.8	43.6	43.2
28	Harrisburg	172.3	171.8	172.6	(1)	(1)	(1)	8.8	8.5	9.3	39.4	39.6	39.9
29	Johnstown	80.0	79.2	78.0	5.1	5.0	5.0	2.9	2.6	3.0	26.3	26.0	25.9
30	Lancaster	119.9	118.9	117.7	(1)	(1)	(1)	5.9	5.7	5.7	55.4	55.6	55.9
31	Philadelphia	1,823.3	1,813.3	1,804.0	1.2	1.2	1.2	90.7	82.6	85.5	562.7	565.8	580.3
32	Pittsburgh	865.6	859.5	870.2	9.1	8.8	8.6	45.0	41.5	45.3	280.0	280.8	289.4
33	Reading	124.9	124.9	123.9	(1)	(1)	(1)	4.5	4.3	4.4	58.7	59.1	59.6
34	Scranton	86.8	86.3	85.4	.5	.5	.5	2.6	2.4	2.5	34.0	33.8	34.9
35	Wilkes-Barre-Hazleton	122.5	122.6	121.2	2.1	2.4	2.4	4.7	4.2	5.0	52.4	53.3	53.2
36	York	131.4	131.7	127.5	(1)	(1)	(1)	7.7	7.6	7.3	61.1	61.8	60.4
37	RHODE ISLAND	333.5	335.5	344.0	(1)	(1)	(1)	14.6	12.0	14.9	121.3	123.5	127.5
38	Providence-Pawtucket-Warwick	346.3	346.9	355.0	(1)	(1)	(1)	14.9	12.3	15.1	138.2	139.2	142.9
39	SOUTH CAROLINA	814.4	816.4	808.6	1.7	1.7	1.7	51.0	49.7	48.3	332.4	334.5	337.7
40	Charleston	88.3	88.6	89.5	(1)	(1)	(1)	6.1	6.1	6.2	15.8	16.2	16.1
41	Columbia	107.3	106.9	104.8	(1)	(1)	(1)	7.0	6.9	7.2	19.9	19.6	19.5
42	Greenville	124.3	124.3	122.0	(1)	(1)	(1)	10.2	10.1	9.4	55.0	55.0	55.3
43	SOUTH DAKOTA	172.7	169.8	166.4	2.1	2.1	2.1	6.5	5.5	6.1	15.5	15.4	15.6
44	Sioux Falls	33.6	33.4	32.9	(1)	(1)	(1)	1.5	1.4	1.4	6.0	5.9	5.9
45	TENNESSEE	1,318.7	1,320.7	1,298.6	7.4	7.4	6.7	66.7	66.1	65.7	457.7	464.0	466.5
46	Chattanooga	124.9	124.8	127.3	.2	.2	.2	5.3	5.2	5.3	52.2	52.5	54.2
47	Knoxville	146.3	149.8	148.5	1.8	1.8	1.8	8.0	7.6	8.1	44.6	49.1	48.6
48	Memphis	266.9	270.6	270.4	.2	.2	.2	8.9	11.7	13.6	60.4	61.0	63.6
49	Nashville	220.7	220.7	214.1	(1)	(1)	(1)	13.6	13.6	12.9	62.7	62.8	61.0
50	TEXAS	3,716.0	3,681.6	3,580.9	103.2	103.3	103.2	241.5	236.3	224.6	742.3	747.3	744.2
51	Amarillo	-	-	-	-	-	-	-	-	-	7.1	7.0	6.3
52	Austin	-	-	-	-	-	-	-	-	-	(*)	(*)	10.4
53	Beaumont-Port Arthur-Orange	-	-	-	-	-	-	-	-	-	37.4	37.5	36.1
54	Corpus Christi	-	-	-	-	-	-	-	-	-	(*)	11.4	11.0

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			
Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	
91.2	91.6	89.0	308.5	309.1	305.8	69.5	69.1	65.8	204.3	202.6	198.6	271.6	270.9	257.4	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
18.3	18.5	18.1	46.5	46.2	44.8	12.2	12.1	12.0	26.8	26.6	25.6	20.5	20.6	19.7	3
15.8	15.8	15.1	46.4	46.5	45.6	12.3	12.2	12.0	30.3	29.9	29.2	30.2	30.1	28.0	4
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
11.3	11.2	11.9	43.4	43.1	42.3	6.9	6.9	6.7	29.0	29.0	28.2	50.3	50.3	49.1	6
3.2	3.0	3.2	12.4	12.1	12.1	2.3	2.4	2.2	8.9	8.7	8.3	9.6	9.7	9.2	7
211.4	226.1	217.4	773.3	764.8	746.4	155.8	154.5	148.8	569.6	557.6	541.4	575.0	570.5	547.3	8
11.0	15.0	14.5	48.9	48.3	47.4	6.8	6.7	6.5	34.7	33.6	32.3	36.4	36.1	34.3	9
6.3	6.9	6.7	26.6	26.4	25.2	4.7	4.6	4.5	19.1	18.6	18.1	13.1	13.0	12.5	10
35.8	36.1	34.4	107.1	105.8	102.9	26.1	25.8	25.2	79.7	77.9	74.9	68.5	68.6	66.3	11
47.1	53.1	51.2	182.6	180.9	177.3	41.9	41.5	39.8	138.3	135.0	131.1	112.9	112.0	106.1	12
21.4	22.0	20.4	78.3	77.6	75.9	25.6	25.4	23.3	64.0	62.2	60.2	80.3	79.7	75.6	13
12.8	12.6	12.1	61.0	60.6	58.1	9.8	9.7	9.0	49.8	49.1	45.9	60.2	59.7	58.0	14
15.3	16.9	16.7	52.2	51.6	51.1	8.1	8.1	7.8	38.7	37.8	36.8	36.0	35.7	32.6	15
9.7	9.9	9.6	37.4	36.8	35.1	5.7	5.6	5.3	26.6	26.0	25.3	20.6	20.7	19.9	16
50.7	52.8	52.9	166.0	165.3	163.6	36.6	36.5	35.3	108.2	107.8	107.0	192.3	190.1	185.7	17
15.1	17.2	17.0	56.5	56.1	55.3	15.6	15.5	14.9	37.4	37.0	36.5	70.7	70.5	70.6	18
16.7	16.7	16.1	39.5	39.4	39.4	9.5	9.5	9.0	29.7	29.5	28.6	18.3	18.3	18.1	19
48.4	48.4	48.9	158.8	158.4	155.5	35.5	35.5	34.6	110.2	109.9	106.6	148.4	147.4	141.4	20
4.0	4.0	4.2	12.9	12.9	13.2	2.9	2.9	2.9	9.6	9.5	9.2	16.0	16.0	15.7	21
30.3	30.6	30.4	92.0	92.0	90.7	24.3	24.2	23.8	68.1	67.6	64.2	62.4	61.8	59.6	22
1.8	1.8	1.8	10.5	10.5	10.4	3.2	3.2	3.1	7.8	7.9	7.6	18.7	18.1	17.6	23
268.0	270.9	266.4	812.1	806.1	805.2	189.3	188.4	182.2	684.5	677.0	661.6	630.8	631.3	613.6	24
11.8	11.8	11.7	35.6	35.6	35.0	6.7	6.5	6.3	27.5	27.2	26.8	20.3	20.3	19.2	25
7.5	7.5	7.7	8.5	8.5	8.3	1.2	1.2	1.2	7.0	6.9	7.0	6.4	6.5	6.1	26
5.3	5.2	5.3	17.4	17.3	16.6	3.6	3.6	3.4	13.1	13.1	12.8	11.5	11.4	11.2	27
13.4	13.4	13.2	32.2	32.0	32.6	8.6	8.6	8.6	25.2	25.1	25.4	44.7	44.6	43.6	28
4.8	4.8	4.7	13.6	13.4	13.2	2.2	2.3	2.0	12.5	12.4	12.1	12.6	12.7	12.1	29
5.5	5.4	5.4	22.7	22.5	21.5	2.8	2.8	2.7	16.8	16.2	16.4	10.8	10.7	10.1	30
110.1	110.7	107.2	371.1	369.0	364.6	101.2	100.6	98.0	317.8	314.9	306.6	268.2	268.5	260.6	31
58.0	59.9	59.0	171.8	169.3	170.8	37.8	37.6	36.4	158.1	155.9	154.7	105.8	105.7	106.0	32
6.4	6.5	6.4	19.7	19.5	19.1	4.8	4.8	4.6	16.8	16.6	16.5	14.0	14.1	13.3	33
5.0	5.1	4.9	17.3	17.2	16.8	2.6	2.6	2.6	14.4	14.4	13.7	10.4	10.3	9.5	34
6.7	6.6	6.6	21.6	21.4	20.9	4.1	4.0	3.9	14.9	14.7	14.1	16.0	16.0	15.1	35
6.2	6.3	5.8	24.6	24.4	23.3	2.8	2.8	2.7	15.0	14.8	14.6	14.0	14.0	13.4	36
15.3	15.4	15.0	61.1	64.9	65.3	15.0	15.1	15.2	53.7	52.7	53.7	52.5	51.9	52.4	37
14.9	15.0	14.6	61.6	65.3	65.7	15.0	15.1	15.4	52.5	51.5	52.6	49.2	48.5	48.7	38
36.4	36.5	34.9	134.6	135.5	134.1	29.1	28.9	27.9	82.3	82.4	83.0	146.9	147.2	141.0	39
5.3	5.3	5.7	17.0	17.0	17.3	3.5	3.5	3.5	10.5	10.4	10.2	30.1	30.1	30.5	40
7.0	6.9	6.8	22.4	22.5	22.1	6.7	6.7	6.3	14.1	14.0	13.9	30.2	30.3	29.0	41
4.7	4.7	4.4	21.4	21.5	20.7	4.8	4.8	4.7	12.7	12.7	12.9	15.5	15.5	14.6	42
9.8	9.9	10.4	45.5	44.3	44.2	7.3	7.3	7.1	30.8	30.9	29.5	55.2	54.4	51.4	43
3.4	3.4	3.0	9.9	9.9	10.0	2.0	2.0	1.9	6.3	6.3	6.4	4.5	4.5	4.4	44
65.9	66.1	64.2	260.2	260.2	251.0	57.3	57.2	56.1	176.5	176.2	174.2	227.0	223.5	214.2	45
6.3	6.2	6.5	22.6	22.7	23.1	7.4	7.4	6.9	15.7	15.5	15.2	15.2	15.1	15.9	46
6.8	6.7	6.4	31.9	31.5	30.9	4.8	4.9	4.9	19.8	19.8	19.6	28.6	28.4	28.2	47
19.2	20.3	19.9	68.0	67.9	68.1	14.7	14.7	14.6	45.7	45.5	42.4	49.8	49.3	48.0	48
13.0	13.1	13.0	47.0	46.9	46.6	14.2	14.0	12.9	36.6	36.6	35.2	33.6	33.7	32.5	49
267.5	265.8	252.3	883.8	868.9	837.1	194.2	191.4	181.5	613.8	600.4	580.9	669.7	668.2	657.1	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		
		Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969
1	TEXAS (continued)												
2	Dallas	668.8	664.7	637.6	7.6	7.7	7.8	40.2	38.7	38.9	164.3	165.7	168.5
3	El Paso	-	-	-	-	-	-	-	-	-	24.1	23.9	22.7
4	Fort Worth	267.0	265.2	263.0	1.8	1.8	1.8	11.3	10.8	12.5	91.9	92.5	93.3
5	Galveston-Texas City	-	-	-	-	-	-	-	-	-	12.0	12.0	11.1
6	Houston	776.8	772.8	724.1	30.2	30.1	27.7	75.1	74.6	63.9	144.7	144.7	140.7
7	Lubbock	-	-	-	-	-	-	-	-	-	6.9	6.8	6.9
8	San Antonio	260.0	259.8	258.3	1.3	1.3	1.4	15.2	15.2	15.9	33.9	33.8	33.4
9	Waco	-	-	-	-	-	-	-	-	-	11.9	11.8	13.3
10	Wichita Falls	-	-	-	-	-	-	-	-	-	4.3	4.5	4.5
11	UTAH	354.0	349.0	344.5	12.6	12.4	12.1	14.0	12.6	12.9	52.2	51.9	52.2
12	Salt Lake City	185.7	183.4	180.5	7.4	7.4	7.4	7.9	7.1	7.3	28.6	28.5	28.7
13	VERMONT	146.5	146.0	140.9	1.0	1.0	1.0	9.4	8.1	8.6	42.9	43.1	43.9
14	Burlington ¹⁰	37.6	37.0	36.0	-	-	-	-	-	-	10.9	10.9	11.0
15	Springfield ¹⁰	13.3	13.6	13.2	-	-	-	-	-	-	6.5	6.7	6.7
16	VIRGINIA ³	1,446.2	1,438.0	1,421.9	15.1	15.2	13.9	94.2	90.6	93.2	360.4	363.1	368.1
17	Lynchburg	52.8	52.3	49.9	(1)	(1)	(1)	2.9	2.8	2.6	24.5	24.6	23.5
18	Newport News-Hampton	96.5	96.2	95.4	(1)	(1)	(1)	5.2	4.9	5.2	25.6	26.0	27.2
19	Norfolk-Portsmouth	197.5	196.3	195.6	(1)	(1)	(1)	13.1	13.0	13.0	19.5	19.5	19.5
20	Northern Virginia ¹¹	253.2	250.5	247.2	.4	.4	.4	21.0	20.0	21.1	9.1	9.1	9.4
21	Richmond	236.2	235.8	229.7	.2	.2	.2	15.1	15.0	15.1	51.5	52.1	52.0
22	Roanoke	81.5	81.0	79.0	.1	.1	.1	4.7	4.4	4.9	19.6	19.7	18.9
23	WASHINGTON	1,096.2	1,096.3	1,113.0	1.8	1.8	1.6	54.5	52.6	57.6	243.3	250.0	276.1
24	Seattle-Everett	538.3	543.9	562.3	(1)	(1)	(1)	27.7	27.2	30.4	133.5	141.0	164.4
25	Spokane	88.7	87.3	87.8	(1)	(1)	(1)	4.4	4.0	4.2	12.4	12.2	13.4
26	Tacoma	107.5	107.9	108.2	(1)	(1)	(1)	5.1	5.0	6.0	18.9	19.6	20.7
27	WEST VIRGINIA	507.3	508.3	508.7	48.4	47.9	46.5	17.6	22.5	24.6	127.9	127.7	129.9
28	Charleston	80.2	81.1	82.6	3.9	3.8	3.4	2.6	3.5	4.1	16.9	17.1	18.7
29	Huntington-Ashland	80.6	80.5	80.7	.5	.5	.5	2.5	3.1	3.6	26.5	26.1	26.1
30	Wheeling	56.8	57.9	56.5	4.9	4.9	4.0	1.8	3.1	3.6	15.8	15.7	15.4
31	WISCONSIN	1,517.2	1,516.3	1,498.1	2.5	2.2	2.3	56.9	56.4	61.9	492.9	505.7	513.9
32	Green Bay	54.0	53.5	51.8	(1)	(1)	(1)	2.1	2.1	2.6	16.4	16.6	15.5
33	Kenosha	35.0	35.2	33.0	(1)	(1)	(1)	1.2	1.2	1.3	16.3	16.5	15.3
34	La Crosse	29.8	29.6	29.0	(1)	(1)	(1)	1.2	1.2	1.2	8.3	8.4	8.3
35	Madison	121.5	121.3	118.1	(1)	(1)	(1)	5.3	6.0	5.8	15.8	16.2	16.6
36	Milwaukee	563.0	570.7	563.8	(1)	(1)	(1)	20.5	20.3	22.7	200.9	210.2	213.4
37	Racine	55.3	54.7	55.0	(1)	(1)	(1)	1.6	1.4	1.6	25.1	25.1	25.7
38	WYOMING	104.4	103.3	101.9	11.0	10.9	11.4	5.2	4.6	6.3	6.7	7.2	6.5
39	Casper	18.7	18.8	19.6	3.9	3.9	4.0	1.1	1.0	1.2	1.3	1.3	1.3
40	Cheyenne	17.1	16.5	17.9	(1)	(1)	(1)	.8	.7	.9	1.3	1.0	1.0

¹ Combined with services.

² Combined with construction.

³ Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for the District of Columbia.

⁴ Area included in Chicago-Northwestern Indiana Standard Consolidated Area.

⁵ Revised to 1969 benchmark; not strictly comparable with previously published data.

⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁷ Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁸ Subarea of Rochester Standard Metropolitan Statistical Area.

⁹ Subarea of New York Standard Metropolitan Statistical Area.

¹⁰ Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.

¹¹ Subarea of Washington, D. C. Standard Metropolitan Statistical Area.

* Not available.

NOTE: Data for the current year 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			
Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	
53.4	53.4	49.8	177.4	175.6	163.9	55.4	54.6	50.8	102.0	100.3	93.8	68.5	68.7	64.1	1
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
15.3	15.3	15.2	60.9	61.2	58.6	12.1	12.2	11.1	38.7	37.2	37.1	35.0	34.2	33.4	3
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4
67.1	66.8	63.1	186.6	185.6	175.6	40.3	40.1	37.4	141.8	140.1	132.0	91.0	90.8	83.7	5
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6
11.0	11.1	11.2	63.5	63.4	61.5	16.1	16.1	16.4	44.9	44.7	43.8	74.1	74.2	74.7	7
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9
22.8	23.0	23.0	76.4	75.7	75.5	14.8	14.6	13.8	57.1	55.9	53.5	104.0	102.8	101.5	10
15.3	15.3	15.1	48.6	48.4	47.7	10.9	10.8	10.4	30.7	30.2	29.5	36.2	35.9	34.4	11
7.9	7.8	7.6	27.3	27.2	26.3	5.3	5.4	5.1	26.7	27.9	24.2	26.1	25.6	24.3	12
1.9	1.9	1.8	7.4	7.3	7.2	-	-	-	6.7	6.7	6.5	-	-	-	13
.9	.9	.8	1.9	1.8	1.9	-	-	-	1.7	1.9	1.6	-	-	-	14
97.5	96.3	94.0	298.7	298.4	287.8	68.4	67.7	64.0	209.9	207.2	206.6	302.0	299.5	294.3	15
2.5	2.4	2.3	8.8	8.7	8.0	2.0	2.0	1.9	6.5	6.3	6.2	5.6	5.5	5.4	16
4.3	4.2	4.2	17.1	17.0	15.5	3.0	3.0	2.8	12.7	12.6	11.7	28.6	28.5	28.8	17
16.5	16.2	16.2	48.4	48.0	46.6	9.2	9.2	8.9	29.7	29.6	29.1	61.1	60.8	62.3	18
19.6	19.4	18.8	60.1	59.6	56.8	15.5	15.3	14.4	44.8	44.5	44.3	82.7	82.2	82.0	19
18.0	18.0	17.4	54.0	53.8	51.3	18.2	18.2	17.5	34.7	34.5	33.8	44.5	44.0	42.4	20
11.1	11.0	10.5	19.1	19.0	18.1	4.2	4.2	4.0	12.5	12.5	12.6	10.2	10.1	9.9	21
73.0	73.2	72.5	243.1	240.1	240.1	59.1	59.1	58.0	173.8	172.1	167.1	247.6	247.4	240.0	22
39.7	40.1	39.6	122.5	122.3	121.1	36.1	36.2	35.3	84.9	84.9	81.6	93.9	92.2	89.9	23
7.1	7.3	7.5	22.8	22.4	22.6	5.2	5.2	5.0	18.7	18.2	17.9	18.1	18.0	17.2	24
6.9	6.9	6.8	24.2	24.2	23.5	6.3	6.3	6.0	19.2	19.2	18.2	26.9	26.7	27.0	25
41.0	41.2	40.7	92.9	92.7	92.3	15.3	15.3	15.0	65.2	64.4	64.4	99.0	96.8	95.1	26
8.7	8.9	8.9	18.7	18.6	18.6	4.0	4.0	3.8	11.6	11.5	11.9	13.9	13.7	13.4	27
8.0	8.0	8.0	17.7	17.8	17.6	2.8	2.8	2.8	10.1	9.9	10.1	12.5	12.3	12.1	28
3.7	3.7	3.6	12.6	12.5	12.6	2.1	2.1	2.1	8.9	9.0	8.7	6.9	6.9	6.6	29
78.5	79.3	77.6	333.0	326.2	314.9	61.4	60.9	58.1	223.8	220.0	214.9	268.1	265.6	254.5	30
4.4	4.4	4.3	14.1	13.9	13.4	1.5	1.4	1.4	8.3	8.1	8.0	7.1	7.1	6.7	31
1.3	1.3	1.2	6.0	6.0	5.8	.8	.7	.7	4.7	4.8	4.7	4.7	4.8	4.1	32
2.1	2.1	2.2	7.1	7.1	6.9	.6	.6	.6	5.6	5.5	5.4	4.7	4.6	4.4	33
5.7	5.6	5.2	24.6	24.0	23.2	6.5	6.5	6.0	17.7	17.3	16.7	46.0	45.8	44.7	34
30.1	30.8	29.8	123.8	122.9	117.1	28.8	28.8	27.7	86.2	85.3	83.4	72.6	72.5	69.8	35
2.1	2.2	2.2	9.8	9.5	9.5	1.4	1.4	1.4	7.9	7.8	7.6	7.5	7.3	6.9	36
10.8	10.6	10.6	23.6	23.4	21.8	3.7	3.7	3.6	14.6	14.3	13.4	28.8	28.6	28.3	37
1.3	1.4	1.5	4.5	4.5	4.4	.8	.8	.9	1.9	2.0	2.5	3.9	3.9	3.8	38
2.3	2.2	2.4	3.9	3.8	3.9	1.0	1.0	.9	2.2	2.2	3.2	5.6	5.6	5.6	39

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

**C-1: Gross hours and earnings of production or nonsupervisory workers¹
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 ¹			Mining			Contract construction			Manufacturing		
1947.....	\$45.53	40.3	\$1.131	\$59.94	40.8	\$1.469	\$58.87	38.2	\$1.541	\$49.17	40.4	\$1.217
1948.....	49.00	40.0	1.225	65.56	39.4	1.664	65.27	38.1	1.713	53.12	40.0	1.328
1949.....	50.24	39.4	1.275	62.33	36.3	1.717	67.56	37.7	1.792	53.88	39.1	1.378
1950.....	53.13	39.8	1.335	67.16	37.9	1.772	69.68	37.4	1.863	58.32	40.5	1.440
1951.....	57.86	39.9	1.45	74.11	38.4	1.93	76.96	38.1	2.02	63.34	40.6	1.56
1952.....	60.65	39.9	1.52	77.59	38.6	2.01	82.86	38.9	2.13	67.16	40.7	1.65
1953.....	63.76	39.6	1.61	83.03	38.8	2.14	86.41	37.9	2.28	70.47	40.5	1.74
1954.....	64.52	39.1	1.65	82.60	38.6	2.14	88.91	37.2	2.39	70.49	39.6	1.78
1955.....	67.72	39.6	1.71	89.54	40.7	2.20	90.90	37.1	2.45	75.70	40.7	1.86
1956.....	70.74	39.3	1.80	95.06	40.8	2.33	96.38	37.5	2.57	78.78	40.4	1.95
1957.....	73.33	38.8	1.89	98.65	40.1	2.46	100.27	37.0	2.71	81.59	39.8	2.05
1958.....	75.08	38.5	1.95	96.08	38.9	2.47	103.78	36.8	2.82	82.71	39.2	2.11
1959 ²	78.78	39.0	2.02	103.68	40.5	2.56	108.41	37.0	2.93	88.26	40.3	2.19
1960.....	80.67	38.6	2.09	105.44	40.4	2.61	113.04	36.7	3.08	89.72	39.7	2.26
1961.....	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32
1962.....	85.91	38.7	2.22	110.43	40.9	2.70	122.47	37.0	3.31	96.56	40.4	2.39
1963.....	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.63	40.5	2.46
1964.....	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53
1965.....	95.06	38.8	2.45	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61
1966.....	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.34	41.3	2.72
1967.....	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.90	40.6	2.83
1968.....	107.73	37.8	2.85	142.71	42.6	3.35	164.93	37.4	4.41	122.51	40.7	3.01
1969.....	114.61	37.7	3.04	154.80	43.0	3.60	181.16	37.9	4.78	129.51	40.6	3.19
1969: May.....	113.55	37.6	3.02	155.37	43.4	3.58	180.30	38.2	4.72	128.61	40.7	3.16
June.....	115.22	37.9	3.04	150.59	42.3	3.56	180.48	38.4	4.70	130.06	40.9	3.18
July.....	115.90	38.0	3.05	154.37	43.0	3.59	184.21	38.7	4.76	128.88	40.4	3.19
August.....	116.59	38.1	3.06	156.96	43.6	3.60	187.68	39.1	4.80	129.92	40.6	3.20
September.....	117.87	37.9	3.11	158.41	43.4	3.65	193.36	39.3	4.92	132.84	41.0	3.24
October.....	117.31	37.6	3.12	159.78	43.3	3.69	189.97	38.3	4.96	132.28	40.7	3.25
November.....	117.38	37.5	3.13	161.08	43.3	3.72	184.39	37.1	4.97	132.36	40.6	3.26
December.....	117.62	37.7	3.12	160.64	43.3	3.71	189.13	37.6	5.03	134.89	41.0	3.29
1970: January.....	116.12	37.1	3.13	159.05	42.3	3.76	181.00	35.7	5.07	131.93	40.1	3.29
February.....	116.55	37.0	3.15	160.60	42.6	3.77	186.21	36.8	5.06	130.94	39.8	3.29
March.....	117.92	37.2	3.17	160.27	42.4	3.78	188.23	37.2	5.06	132.40	40.0	3.31
April.....	117.66	37.0	3.18	163.35	43.1	3.79	192.53	37.9	5.08	131.80	39.7	3.32
May.....	118.72	37.1	3.20	164.16	43.2	3.80	194.44	38.2	5.09	133.67	39.9	3.35
Year and month	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services		
1947.....	-	-	-	\$38.07	40.5	\$0.940	\$43.21	37.9	\$1.140	-	-	-
1948.....	-	-	-	40.80	40.4	1.010	45.43	37.9	1.200	-	-	-
1949.....	-	-	-	42.93	40.5	1.060	47.63	37.8	1.260	-	-	-
1950.....	-	-	-	44.55	40.5	1.00	50.52	37.7	1.340	-	-	-
1951.....	-	-	-	47.79	40.5	1.18	54.67	37.7	1.45	-	-	-
1952.....	-	-	-	49.20	40.0	1.23	57.08	37.8	1.51	-	-	-
1953.....	-	-	-	51.35	39.5	1.30	59.57	37.7	1.58	-	-	-
1954.....	-	-	-	53.33	39.5	1.35	62.04	37.6	1.65	-	-	-
1955.....	-	-	-	55.16	39.4	1.40	63.92	37.6	1.70	-	-	-
1956.....	-	-	-	57.48	39.1	1.47	65.68	36.9	1.78	-	-	-
1957.....	-	-	-	59.60	38.7	1.54	67.53	36.7	1.84	-	-	-
1958.....	-	-	-	61.76	38.6	1.60	70.12	37.1	1.89	-	-	-
1959 ²	-	-	-	64.41	38.8	1.66	72.74	37.3	1.95	-	-	-
1960.....	-	-	-	66.01	38.6	1.71	75.14	37.2	2.02	-	-	-
1961.....	-	-	-	67.41	38.3	1.76	77.12	36.9	2.09	-	-	-
1962.....	-	-	-	69.91	38.2	1.83	80.94	37.3	2.17	-	-	-
1963.....	-	-	-	72.01	38.1	1.89	84.38	37.5	2.25	-	-	-
1964.....	\$118.37	41.1	\$2.88	74.28	37.9	1.96	85.79	37.3	2.30	\$69.84	36.0	\$1.94
1965.....	125.14	41.3	3.03	76.53	37.7	2.03	88.91	37.2	2.39	73.60	35.9	2.05
1966.....	128.13	41.2	3.11	79.02	37.1	2.13	92.13	37.3	2.47	77.04	35.5	2.17
1967.....	131.22	40.5	3.24	81.76	36.5	2.24	95.46	37.0	2.58	80.38	35.1	2.29
1968.....	138.85	40.6	3.42	86.40	36.0	2.40	101.75	37.0	2.75	84.32	34.7	2.43
1969.....	147.74	40.7	3.63	91.14	35.6	2.56	108.33	37.1	2.92	91.26	34.7	2.63
1969: May.....	146.21	40.5	3.61	89.92	35.4	2.54	107.30	37.0	2.90	89.70	34.5	2.60
June.....	147.33	40.7	3.62	91.55	35.9	2.55	108.70	37.1	2.93	90.83	34.8	2.61
July.....	150.02	41.1	3.65	93.08	36.5	2.55	107.96	37.1	2.91	92.84	35.3	2.63
August.....	149.74	40.8	3.67	93.70	36.6	2.56	108.04	37.0	2.92	92.49	35.3	2.62
September.....	152.11	41.0	3.71	92.46	35.7	2.59	108.41	37.0	2.93	92.38	34.6	2.67
October.....	151.70	41.0	3.70	92.13	35.3	2.61	109.45	37.1	2.95	92.81	34.5	2.69
November.....	152.15	40.9	3.72	92.58	35.2	2.63	111.23	37.2	2.99	94.11	34.6	2.72
December.....	151.78	40.8	3.72	93.18	35.7	2.61	110.26	37.0	2.98	94.11	34.6	2.72
1970: January.....	151.07	40.5	3.73	93.02	35.1	2.65	111.44	36.9	3.02	93.98	34.3	2.74
February.....	151.88	40.5	3.75	93.80	35.0	2.68	112.48	37.0	3.04	95.01	34.3	2.77
March.....	150.75	40.2	3.75	93.80	35.0	2.68	112.85	37.0	3.05	96.81	34.7	2.79
April.....	148.88	39.7	3.75	93.88	34.9	2.69	111.81	36.9	3.03	96.26	34.5	2.79
May.....	151.53	40.3	3.76	94.50	35.0	2.70	111.20	36.7	3.03	96.32	34.4	2.80

¹For coverage of series, see footnote 1, table B-2.

²Data include Alaska and Hawaii beginning 1959.

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 workers¹
on private nonagricultural payrolls, by industry

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
	TOTAL PRIVATE	\$118.72	\$117.66	\$117.92	\$113.55	\$112.13	\$3.20	\$3.18	\$3.17	\$3.02	\$2.99
	MINING	164.16	163.35	160.27	155.37	154.86	3.80	3.79	3.78	3.58	3.56
10	METAL MINING	-	164.31	162.11	157.83	155.88	-	3.83	3.77	3.62	3.60
101	Iron ores	-	160.82	163.97	151.42	153.30	-	3.82	3.84	3.64	3.65
102	Copper ores	-	175.28	167.83	172.28	167.97	-	3.93	3.78	3.65	3.62
11,12	COAL MINING	-	183.72	181.48	168.05	170.98	-	4.47	4.47	4.17	4.15
12	Bituminous coal and lignite mining	-	186.26	184.01	169.68	173.05	-	4.51	4.51	4.20	4.18
13	OIL AND GAS EXTRACTION	-	153.56	152.01	149.02	148.58	-	3.53	3.56	3.41	3.40
131,2	Crude petroleum and natural gas fields	-	153.44	153.54	145.60	149.45	-	3.77	3.81	3.56	3.61
138	Oil and gas field services	-	153.45	150.96	151.39	148.13	-	3.38	3.40	3.32	3.27
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	154.69	147.61	150.80	147.98	-	3.43	3.37	3.25	3.21
142	Crushed and broken stone	-	155.98	147.03	153.76	149.63	-	3.34	3.26	3.21	3.15
	CONTRACT CONSTRUCTION	194.44	192.53	188.23	180.30	174.38	5.09	5.08	5.06	4.72	4.65
15	GENERAL BUILDING CONTRACTORS	-	180.56	176.18	166.53	162.09	-	4.88	4.84	4.55	4.49
16	HEAVY CONSTRUCTION CONTRACTORS	-	193.44	185.38	185.29	173.02	-	4.65	4.60	4.37	4.22
161	Highway and street construction	-	172.16	158.28	178.07	161.15	-	4.23	4.09	4.18	3.94
162	Heavy construction, n.e.c.	-	209.81	202.37	191.56	182.45	-	4.96	4.90	4.55	4.45
17	SPECIAL TRADE CONTRACTORS	-	200.17	197.27	186.50	183.27	-	5.41	5.39	5.00	4.94
171	Plumbing, heating, air conditioning	-	212.35	210.27	200.07	195.55	-	5.53	5.49	5.13	5.04
172	Painting, paper hanging, decorating	-	177.00	176.85	167.54	166.78	-	5.00	5.01	4.68	4.62
173	Electrical work	-	234.80	233.42	222.46	217.46	-	5.87	5.85	5.52	5.45
174	Masonry, stonework, and plastering	-	176.28	173.53	165.87	166.43	-	5.20	5.18	4.85	4.81
176	Roofing and sheetmetal work	-	163.68	159.57	152.15	146.63	-	4.80	4.85	4.41	4.39
	MANUFACTURING	133.67	131.80	132.40	128.61	127.58	3.35	3.32	3.31	3.16	3.15
19,24,25,32-39	DURABLE GOODS	144.18	141.50	142.51	138.69	137.61	3.56	3.52	3.51	3.35	3.34
20-23,26-31	NONDURABLE GOODS	118.95	118.26	118.78	114.34	113.08	3.05	3.04	3.03	2.88	2.87
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	145.66	146.06	145.66	137.70	137.30	3.57	3.58	3.57	3.40	3.39
192	Ammunition, except for small arms	141.05	140.75	140.30	133.33	133.33	3.50	3.51	3.49	3.35	3.35
1925	Complete guided missiles	-	175.55	175.54	164.19	165.95	-	4.16	4.14	3.90	3.97
1929	Ammunition, exc. for small arms, nec	-	122.46	122.38	117.73	117.56	-	3.14	3.13	3.05	3.03
24	LUMBER AND WOOD PRODUCTS	120.88	115.31	112.97	109.48	106.53	2.97	2.89	2.86	2.69	2.65
242	Sawmills and planing mills	(*)	111.88	108.47	104.90	103.17	(*)	2.79	2.76	2.59	2.56
2421	Sawmills and planing mills, general	-	115.37	111.61	108.14	106.13	-	2.87	2.84	2.67	2.64
243	Millwork, plywood & related products	124.31	121.70	120.99	116.57	113.24	3.10	3.05	3.04	2.85	2.81
2431	Millwork	-	118.78	117.69	112.58	110.54	-	3.03	3.01	2.85	2.82
2432	Veneer and plywood	-	124.23	123.11	117.46	114.81	-	3.03	3.01	2.81	2.78
244	Wooden containers	(*)	91.33	90.71	90.90	90.90	(*)	2.36	2.35	2.25	2.25
2441,2	Wooden boxes, shooks, and crates	-	88.17	88.78	89.32	88.91	-	2.29	2.30	2.20	2.19
249	Miscellaneous wood products	104.04	102.26	101.81	99.53	97.58	2.55	2.55	2.52	2.41	2.38
25	FURNITURE AND FIXTURES	106.43	105.65	105.96	105.04	103.46	2.75	2.73	2.71	2.60	2.58
251	Household furniture	(*)	99.07	99.07	98.65	97.60	(*)	2.58	2.56	2.46	2.44
2511	Wood household furniture	-	95.11	94.71	94.30	92.97	-	2.42	2.41	2.30	2.29
2512	Upholstered household furniture	-	103.79	105.54	103.09	104.15	-	2.79	2.77	2.65	2.65
2515	Mattresses and bedsprings	-	108.20	106.22	105.18	103.86	-	2.84	2.81	2.69	2.67
252	Office furniture	-	123.60	124.34	125.67	123.94	-	3.09	3.07	2.95	2.93
254	Partitions and fixtures	-	130.14	132.33	131.11	126.14	-	3.32	3.30	3.19	3.13
253,9	Other furniture and fixtures	114.76	114.46	113.37	109.73	107.29	2.92	2.92	2.87	2.75	2.73
32	STONE, CLAY, AND GLASS PRODUCTS	139.10	138.28	137.12	134.41	131.57	3.36	3.34	3.32	3.17	3.14
321	Flat glass	-	177.24	179.78	178.85	168.49	-	4.23	4.24	4.14	4.06
322	Glass and glassware, pressed or blown	138.29	139.78	141.73	132.68	130.65	3.44	3.46	3.44	3.26	3.25
3221	Glass containers	-	145.71	147.68	139.26	136.28	-	3.58	3.55	3.38	3.39
3229	Pressed and blown glass, n.e.c.	-	131.20	133.17	124.31	123.11	-	3.28	3.28	3.10	3.07
324	Cement, hydraulic	(*)	168.45	168.04	148.10	150.23	(*)	4.03	4.03	3.56	3.56
325	Structural clay products	114.57	113.65	112.56	110.16	108.94	2.85	2.82	2.80	2.70	2.67
3251	Brick and structural clay tile	-	107.73	104.14	106.08	103.66	-	2.66	2.61	2.55	2.51
326	Pottery and related products	-	114.73	114.43	115.09	114.80	-	2.98	2.98	2.87	2.87
327	Concrete, gypsum, and plaster products	145.82	144.29	138.27	144.58	139.23	3.36	3.34	3.30	3.22	3.15
328,9	Other stone and nonmetallic mineral products	(*)	137.53	137.78	133.46	130.62	(*)	3.33	3.32	3.17	3.14
3291	Abrasive products	-	134.21	137.26	132.80	127.59	-	3.45	3.44	3.32	3.23

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 workers¹
on private nonagricultural payrolls, by industry**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
-	TOTAL PRIVATE	37.1	37.0	37.2	37.6	37.5	-	-	-	-	-
-	MINING	43.2	43.1	42.4	43.4	43.5	-	-	-	-	-
10	METAL MINING	-	42.9	42.0	43.6	43.3	-	-	-	-	-
101	Iron ores	-	42.1	42.7	41.6	42.0	-	-	-	-	-
102	Copper ores	-	44.6	44.4	47.2	46.4	-	-	-	-	-
11,12	COAL MINING	-	41.1	40.6	40.3	41.2	-	-	-	-	-
12	Bituminous coal and lignite mining . .	-	41.3	40.8	40.4	41.4	-	-	-	-	-
13	OIL AND GAS EXTRACTION	-	43.5	42.7	43.7	43.7	-	-	-	-	-
131,2	Crude petroleum and natural gas fields	-	40.7	40.3	40.9	41.4	-	-	-	-	-
138	Oil and gas field services	-	45.4	44.4	45.6	45.3	-	-	-	-	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	-	45.1	43.8	46.4	46.1	-	-	-	-	-
142	Crushed and broken stone	-	46.7	45.1	47.9	47.5	-	-	-	-	-
-	CONTRACT CONSTRUCTION	38.2	37.9	37.2	38.2	37.5	-	-	-	-	-
15	GENERAL BUILDING CONTRACTORS	-	37.0	36.4	36.6	36.1	-	-	-	-	-
16	HEAVY CONSTRUCTION CONTRACTORS . . .	-	41.6	40.3	42.4	41.0	-	-	-	-	-
161	Highway and street construction	-	40.7	38.7	42.6	40.9	-	-	-	-	-
162	Heavy construction, n e c	-	42.3	41.3	42.1	41.0	-	-	-	-	-
17	SPECIAL TRADE CONTRACTORS	-	37.0	36.6	37.3	37.1	-	-	-	-	-
171	Plumbing, heating, air conditioning . .	-	38.4	38.3	39.0	38.8	-	-	-	-	-
172	Painting, paper hanging, decorating . .	-	35.4	35.3	35.8	36.1	-	-	-	-	-
173	Electrical work	-	40.0	39.9	40.3	39.9	-	-	-	-	-
174	Masonry, stonework, and plastering . .	-	33.9	33.5	34.2	34.6	-	-	-	-	-
176	Roofing and sheet metal work	-	34.1	32.9	34.5	33.4	-	-	-	-	-
-	MANUFACTURING	39.9	39.7	40.0	40.7	40.5	2.9	2.8	3.0	3.6	3.5
19,24,25,32-39	DURABLE GOODS	40.5	40.2	40.6	41.4	41.2	2.9	2.8	3.1	3.7	3.6
20-23,26-31	NONDURABLE GOODS	39.0	38.9	39.2	39.7	39.4	2.8	2.8	3.0	3.3	3.2
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	40.8	40.8	40.8	40.5	40.5	2.2	2.3	2.5	2.4	2.4
192	Ammunition, except for small arms . . .	40.3	40.1	40.2	39.8	39.8	1.7	1.9	2.0	1.9	1.9
1925	Complete guided missiles	-	42.2	42.4	42.1	41.8	-	-	-	-	-
1929	Ammunition, exc. for small arms, nec	-	39.0	39.1	38.6	38.8	-	-	-	-	-
24	LUMBER AND WOOD PRODUCTS	40.7	39.9	39.5	40.7	40.2	-	3.4	3.4	4.1	3.8
242	Sawmills and planing mills	(*)	40.1	39.3	40.5	40.3	-	3.6	3.7	4.2	4.2
2421	Sawmills and planing mills, general	-	40.2	39.3	40.5	40.2	-	-	-	-	-
243	Millwork, plywood & related products.	40.1	39.9	39.8	40.9	40.3	-	3.2	3.1	3.8	3.5
2431	Millwork	-	39.2	39.1	39.5	39.2	-	-	-	-	-
2432	Veneer and plywood	-	41.0	40.9	41.8	41.3	-	-	-	-	-
244	Wooden containers	(*)	38.7	38.6	40.4	40.4	-	2.7	2.8	3.8	3.6
2441,2	Wooden boxes, shoo, and crates	-	38.5	38.6	40.6	40.6	-	-	-	-	-
249	Miscellaneous wood products	40.8	40.1	40.4	41.3	41.0	-	3.2	3.3	4.2	3.9
25	FURNITURE AND FIXTURES	38.7	38.7	39.1	40.4	40.1	-	2.0	2.4	3.3	3.1
251	Household furniture	(*)	38.4	38.7	40.1	40.0	-	1.9	2.2	3.0	3.0
2511	Wood household furniture	-	39.3	39.3	41.0	40.6	-	-	-	-	-
2512	Upholstered household furniture	-	37.2	38.1	38.9	39.3	-	-	-	-	-
2515	Mattresses and bedsprings	-	38.1	37.8	39.1	38.9	-	-	-	-	-
252	Office furniture	-	40.0	40.5	42.6	42.3	-	3.0	3.2	5.0	4.7
254	Partitions and fixtures	-	39.2	40.1	41.1	40.3	-	2.2	2.9	3.9	3.2
253,9	Other furniture and fixtures	39.3	39.2	39.5	39.9	39.3	-	2.1	2.5	2.9	2.7
32	STONE, CLAY, AND GLASS PRODUCTS . . .	41.4	41.4	41.3	42.4	41.9	-	4.2	4.1	4.9	4.7
321	Flat glass	-	41.9	42.4	43.2	41.5	-	4.2	4.1	4.3	3.7
322	Glass and glassware, pressed or blown	40.2	40.4	41.2	40.7	40.2	-	4.4	4.4	4.4	4.2
3221	Glass containers	-	40.7	41.6	41.2	40.2	-	-	-	-	-
3229	Pressed and blown glass, n e c	-	40.0	40.6	40.1	40.1	-	-	-	-	-
324	Cement, hydraulic	(*)	41.8	41.8	41.6	42.2	-	2.9	3.3	2.9	3.0
325	Structural clay products	40.2	40.3	40.2	40.8	40.8	-	3.4	3.4	4.2	4.0
3251	Brick and structural clay tile	-	40.5	39.9	41.6	41.3	-	-	-	-	-
326	Pottery and related products	-	38.5	38.4	40.1	40.0	-	1.9	2.1	2.7	2.8
327	Concrete, gypsum and plaster products	43.4	43.2	41.9	44.9	44.2	-	5.8	5.2	7.1	6.9
328,9	Other stone and nonmetallic mineral products	(*)	41.3	41.5	42.1	41.6	-	3.5	3.8	4.3	3.7
3291	Abrasive products	-	38.9	39.9	40.0	39.5	-	-	-	-	-

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 workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
	<i>Durable Goods--Continued</i>										
33	PRIMARY METAL INDUSTRIES	\$159.56	\$157.56	\$157.49	\$157.13	\$157.88	\$3.93	\$3.90	\$3.86	\$3.75	\$3.75
331	Blast furnace and basic steel products ..	(*)	164.37	164.02	164.76	166.76	(*)	4.13	4.08	3.97	3.98
3312	Blast furnaces and steel mills	-	167.16	166.01	166.85	169.70	-	4.20	4.14	4.04	4.05
332	Iron and steel foundries	152.18	149.78	149.24	148.26	147.84	3.73	3.68	3.64	3.53	3.52
3321	Gray iron foundries	-	147.42	146.47	148.75	147.55	-	3.64	3.59	3.55	3.53
3322	Malleable iron foundries	-	165.09	168.90	148.06	149.56	-	4.19	4.16	3.62	3.63
3323	Steel foundries	-	148.99	150.00	147.74	146.97	-	3.59	3.58	3.46	3.45
333,4	Nonferrous metals	157.83	155.08	154.24	149.10	149.32	3.74	3.71	3.69	3.55	3.53
3334	Primary aluminum	-	164.40	163.99	161.82	160.99	-	4.00	3.99	3.89	3.87
335	Nonferrous rolling and drawing	151.52	152.57	153.19	152.50	151.71	3.66	3.65	3.63	3.53	3.52
3351	Copper rolling and drawing	-	152.03	151.48	159.48	155.37	-	3.69	3.65	3.60	3.58
3352	Aluminum rolling and drawing	-	154.66	154.51	153.58	154.01	-	3.70	3.67	3.58	3.59
3357	Nonferrous wire drawing and insulating ..	-	151.56	152.51	148.52	149.04	-	3.60	3.58	3.47	3.45
336	Nonferrous foundries	(*)	136.67	137.89	136.62	135.55	(*)	3.46	3.43	3.30	3.29
3361	Aluminum castings	-	137.24	140.30	139.67	139.26	-	3.51	3.49	3.39	3.38
3362,9	Other nonferrous castings	-	136.06	134.67	132.39	131.11	-	3.41	3.35	3.19	3.19
339	Miscellaneous primary metal products ...	(*)	164.84	166.86	167.93	167.90	(*)	4.07	4.05	3.97	3.96
3391	Iron and steel forgings	-	171.25	172.99	174.71	175.97	-	4.26	4.24	4.14	4.16
34	FABRICATED METAL PRODUCTS	143.26	142.45	142.33	138.44	136.62	3.52	3.50	3.48	3.32	3.30
341	Metal cans	177.20	170.31	170.17	169.02	163.92	4.00	3.97	3.93	3.85	3.83
342	Cutlery, hand tools, and hardware	(*)	133.72	133.65	130.33	130.56	(*)	3.31	3.30	3.21	3.20
3421,3,5	Cutlery and hand tools, incl. saws	-	130.98	132.68	129.07	127.20	-	3.25	3.26	3.11	3.08
3429	Hardware, n e c	-	136.08	134.20	131.53	132.11	-	3.36	3.33	3.28	3.27
343	Plumbing and heating, except electric ...	(*)	124.61	126.80	126.17	125.97	(*)	3.22	3.21	3.10	3.08
3431,2	Sanitary ware & plumbers' brass goods ..	-	126.16	128.44	129.90	129.38	-	3.26	3.26	3.13	3.11
3433	Heating equipment, except electric	-	122.36	125.53	122.80	122.61	-	3.17	3.17	3.07	3.05
344	Fabricated structural metal products	141.45	140.94	141.29	135.29	132.84	3.51	3.48	3.48	3.26	3.24
3441	Fabricated structural steel	-	142.21	141.45	133.16	130.65	-	3.46	3.45	3.24	3.21
3442	Metal doors, sash, and trim	-	117.73	117.65	114.49	111.95	-	3.05	3.04	2.82	2.82
3443	Fabricated plate work (boiler shops) ...	-	150.75	151.57	146.28	142.96	-	3.65	3.67	3.45	3.42
3444	Sheet metal work	-	147.23	147.90	142.96	141.25	-	3.69	3.67	3.47	3.42
3446,9	Architectural and misc. metal work	-	135.12	134.46	131.99	126.98	-	3.32	3.32	3.15	3.12
345	Screw machine products, bolts, etc.	(*)	141.38	142.35	145.73	143.86	(*)	3.44	3.43	3.35	3.33
3451	Screw machine products	-	140.77	139.52	139.96	138.13	-	3.40	3.37	3.27	3.25
3452	Bolts, nuts, rivets, and washers	-	142.33	145.18	151.16	149.26	-	3.48	3.49	3.42	3.40
346	Metal stampings	165.33	160.93	158.50	152.04	150.59	3.89	3.85	3.81	3.62	3.62
347	Metal services, n e c	124.43	123.64	125.11	122.07	119.84	3.15	3.13	3.12	2.97	2.93
348	Misc. fabricated wire products	125.93	124.34	125.74	123.11	121.99	3.18	3.14	3.12	3.01	2.99
349	Misc. fabricated metal products	138.98	138.17	140.15	133.86	133.12	3.44	3.42	3.41	3.21	3.20
3494,8	Valves, pipe, and pipe fittings	-	142.10	142.96	136.83	135.01	-	3.50	3.47	3.25	3.23
35	MACHINERY, EXCEPT ELECTRICAL	153.78	156.04	157.88	151.66	150.80	3.76	3.76	3.75	3.56	3.54
351	Engines and turbines	168.87	173.47	172.22	160.61	161.77	4.18	4.17	4.16	3.87	3.87
3511	Steam engines and turbines	-	184.34	178.23	163.07	162.66	-	4.41	4.39	3.92	3.91
3519	Internal combustion engines, n e c	-	168.08	169.71	159.78	161.73	-	4.05	4.06	3.85	3.86
352	Farm machinery	-	147.94	148.67	138.85	140.65	-	3.68	3.68	3.48	3.49
353	Construction and related machinery	(*)	153.18	155.82	150.15	148.94	(*)	3.70	3.71	3.50	3.48
3531,2	Construction and mining machinery	-	160.93	162.86	152.64	152.51	-	3.85	3.85	3.60	3.58
3533	Oil field machinery	-	146.01	147.20	143.12	141.04	-	3.46	3.48	3.29	3.28
3535,6	Conveyors, hoists, cranes, monorails ..	-	145.48	151.37	150.77	147.74	-	3.61	3.63	3.45	3.42
3537	Industrial trucks and tractors	-	132.44	134.92	146.16	146.40	-	3.37	3.39	3.36	3.35
354	Metal working machinery	(*)	180.94	182.57	171.83	170.11	(*)	4.15	4.14	3.87	3.84
3541	Machine tools, metal cutting types	-	168.40	174.03	167.20	164.19	-	4.00	4.01	3.80	3.74
3544	Special dies, tools, jigs & fixtures	-	211.12	209.74	190.99	189.61	-	4.55	4.53	4.17	4.14
3545	Machine tool accessories	-	155.80	156.83	152.72	152.37	-	3.80	3.77	3.56	3.56
3542,8	Misc. metal working machinery	-	154.80	159.27	156.24	154.58	-	3.73	3.73	3.60	3.57
355	Special industry machinery	(*)	146.23	147.55	142.86	140.68	(*)	3.49	3.48	3.33	3.31
3551	Food products machinery	-	153.91	154.51	149.88	142.69	-	3.63	3.61	3.51	3.43
3552	Textile machinery	-	123.52	124.20	119.57	118.14	-	3.02	3.00	2.82	2.84
3555	Printing trades machinery	-	150.14	154.93	153.87	148.90	-	3.68	3.68	3.57	3.52
356	General industrial machinery	149.92	151.00	153.50	150.17	149.32	3.72	3.71	3.69	3.55	3.53
3561	Pumps and compressors	-	150.28	150.18	143.72	141.02	-	3.63	3.61	3.43	3.39
3562	Ball and roller bearings	-	147.81	155.21	154.40	156.59	-	3.79	3.74	3.65	3.65
3564	Blowers and fans	-	138.51	140.27	140.25	134.23	-	3.37	3.38	3.30	3.25
3566	Power transmission equipment	-	154.66	154.14	152.93	151.28	-	3.70	3.67	3.54	3.51
357	Office and computing machines	148.30	148.56	151.16	151.62	148.26	3.68	3.65	3.66	3.61	3.53
3573	Electronic computing equipment	-	151.20	154.09	150.65	151.63	-	3.67	3.66	3.57	3.51
358	Service industry machines	(*)	129.31	133.87	132.93	132.25	(*)	3.35	3.33	3.21	3.21
3585	Refrigeration machinery	-	129.45	135.47	135.29	135.94	-	3.38	3.37	3.26	3.26
359	Misc. machinery, except electrical	152.26	152.88	153.13	147.74	146.97	3.66	3.64	3.62	3.42	3.41

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 workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
<i>Durable Goods--Continued</i>											
33	PRIMARY METAL INDUSTRIES	40.6	40.4	40.8	41.9	42.1	-	2.9	3.2	4.1	4.1
331	Blast furnace and basic steel products	(*)	39.8	40.2	41.5	41.9	-	2.2	2.4	3.3	3.2
3312	Blast furnaces and steel mills	-	39.8	40.1	41.3	41.9	-	-	-	-	-
332	Iron and steel foundries	40.8	40.7	41.0	42.0	42.0	-	3.8	4.1	4.8	4.9
3321	Gray iron foundries	-	40.5	40.8	41.9	41.8	-	-	-	-	-
3322	Malleable iron foundries	-	39.4	40.6	40.9	41.2	-	-	-	-	-
3323	Steel foundries	-	41.5	41.9	42.7	42.6	-	-	-	-	-
333,4	Nonferrous metals	42.2	41.8	41.8	42.0	42.3	-	4.3	4.3	4.4	4.4
3334	Primary aluminum	-	41.1	41.1	41.6	41.6	-	-	-	-	-
335	Nonferrous rolling and drawing	41.4	41.8	42.2	43.2	43.1	-	3.8	4.1	5.5	5.2
3351	Copper rolling and drawing	-	41.2	41.5	44.3	43.4	-	-	-	-	-
3352	Aluminum rolling and drawing	-	41.8	42.1	42.9	42.9	-	-	-	-	-
3357	Nonferrous wire drawing and insulating	-	42.1	42.6	42.8	43.2	-	-	-	-	-
336	Nonferrous foundries	(*)	39.5	40.2	41.4	41.2	-	2.5	2.8	4.0	4.0
3361	Aluminum castings	-	39.1	40.2	41.2	41.2	-	-	-	-	-
3362,9	Other nonferrous castings	-	39.9	40.2	41.5	41.1	-	-	-	-	-
339	Miscellaneous primary metal products	(*)	40.5	41.2	42.3	42.4	-	3.3	4.0	5.0	5.3
3391	Iron and steel forgings	-	40.2	40.8	42.2	42.3	-	-	-	-	-
34	FABRICATED METAL PRODUCTS	40.7	40.7	40.9	41.7	41.4	-	3.2	3.4	4.2	4.0
341	Metal cans	44.3	42.9	43.3	43.9	42.8	-	4.4	4.3	5.1	4.7
342	Cutlery, hand tools, and hardware	(*)	40.4	40.5	40.6	40.8	-	2.5	2.8	3.2	3.1
3421,3,5	Cutlery and hand tools, incl. saws	-	40.3	40.7	41.5	41.3	-	-	-	-	-
3429	Hardware, n e c	-	40.5	40.3	40.1	40.4	-	-	-	-	-
343	Plumbing and heating, except electric	(*)	38.7	39.5	40.7	40.9	-	1.7	2.3	3.5	3.2
3431,2	Sanitary ware & plumbers' brass goods	-	38.7	39.4	41.5	41.6	-	-	-	-	-
3433	Heating equipment, except electric	-	38.6	39.6	40.0	40.2	-	-	-	-	-
344	Fabricated structural metal products	40.3	40.5	40.6	41.5	41.0	-	3.0	3.1	3.9	3.5
3441	Fabricated structural steel	-	41.1	41.0	41.1	40.7	-	-	-	-	-
3442	Metal doors, sash, and trim	-	38.6	38.7	40.6	39.7	-	-	-	-	-
3443	Fabricated plate work (boiler shops)	-	41.3	41.3	42.4	41.8	-	-	-	-	-
3444	Sheet metal work	-	39.9	40.3	41.2	41.3	-	-	-	-	-
3446,9	Architectural and misc. metal work	-	40.7	40.5	41.9	40.7	-	-	-	-	-
345	Screw machine products, bolts, etc.	(*)	41.1	41.5	43.5	43.2	-	3.5	4.0	6.0	5.6
3451	Screw machine products	-	41.4	41.4	42.8	42.5	-	-	-	-	-
3452	Bolts, nuts, rivets, and washers	-	40.9	41.6	44.2	43.9	-	-	-	-	-
346	Metal stampings	42.5	41.8	41.6	42.0	41.6	-	4.0	3.7	4.5	4.6
347	Metal services, n e c	39.5	39.5	40.1	41.1	40.9	-	4.0	4.1	4.4	4.1
348	Misc. fabricated wire products	39.6	39.6	40.3	40.9	40.8	-	2.8	3.2	3.9	3.6
349	Misc. fabricated metal products	40.4	40.4	41.1	41.7	41.6	-	2.9	3.5	4.1	4.0
3494,8	Valves, pipe, and pipe fittings	-	40.6	41.2	42.1	41.8	-	-	-	-	-
35	MACHINERY, EXCEPT ELECTRICAL	40.9	41.5	42.1	42.6	42.6	-	3.6	4.0	4.5	4.4
351	Engines and turbines	40.4	41.6	41.4	41.5	41.8	-	4.0	3.9	4.6	4.5
3511	Steam engines and turbines	-	41.8	40.6	41.6	41.6	-	-	-	-	-
3519	Internal combustion engines, n e c	-	41.5	41.8	41.5	41.9	-	-	-	-	-
352	Farm machinery	-	40.2	40.4	39.9	40.3	-	2.5	2.7	2.3	2.5
353	Construction and related machinery	(*)	41.4	42.0	42.9	42.8	-	3.5	3.7	4.3	4.4
3531,2	Construction and mining machinery	-	41.8	42.3	42.4	42.6	-	-	-	-	-
3533	Oil field machinery	-	42.2	42.3	43.5	43.0	-	-	-	-	-
3535,6	Conveyors, hoists, cranes, monorails	-	40.3	41.7	43.7	43.2	-	-	-	-	-
3537	Industrial trucks and tractors	-	39.3	39.8	43.5	43.7	-	-	-	-	-
354	Metal working machinery	(*)	43.6	44.1	44.4	44.3	-	5.4	5.8	6.0	5.8
3541	Machine tools, metal cutting types	-	42.1	43.4	44.0	43.9	-	-	-	-	-
3544	Special dies, tools, jigs, & fixtures	-	46.4	46.3	45.8	45.8	-	-	-	-	-
3545	Machine tool accessories	-	41.0	41.6	42.9	42.8	-	-	-	-	-
3542,8	Misc. metal working machinery	-	41.5	42.7	43.4	43.3	-	-	-	-	-
355	Special industry machinery	(*)	41.9	42.4	42.9	42.5	-	3.8	4.1	4.8	4.3
3551	Food products machinery	-	42.4	42.8	42.7	41.6	-	-	-	-	-
3552	Textile machinery	-	40.9	41.4	42.4	41.6	-	-	-	-	-
3555	Printing trades machinery	-	40.8	42.1	43.1	42.3	-	-	-	-	-
356	General industrial machinery	40.3	40.7	41.6	42.3	42.3	-	3.0	3.8	4.2	4.2
3561	Pumps and compressors	-	41.4	41.6	41.9	41.6	-	-	-	-	-
3562	Ball and roller bearings	-	39.0	41.5	42.3	42.9	-	-	-	-	-
3564	Blowers and fans	-	41.1	41.5	42.5	41.3	-	-	-	-	-
3566	Power transmission equipment	-	41.8	42.0	43.2	43.1	-	-	-	-	-
357	Office and computing machines	40.3	40.7	41.3	42.0	42.0	-	2.3	2.8	3.4	3.2
3573	Electronic computing equipment	-	41.2	42.1	42.2	43.2	-	-	-	-	-
358	Service industry machines	(*)	38.6	40.2	41.1	41.2	-	1.6	2.7	3.3	3.4
3585	Refrigeration machinery	-	38.3	40.2	41.5	41.7	-	-	-	-	-
359	Misc. machinery, except electrical	41.6	42.0	42.3	43.2	43.1	-	4.2	4.6	5.2	5.3

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 workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC code	Industry	Average weekly earnings					Average hourly earnings				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES...	\$130.22	\$128.70	\$129.92	\$124.34	\$123.32	\$3.28	\$3.25	\$3.24	\$3.07	\$3.06
361	Electric test & distributing equipment ...	(*)	136.89	138.17	132.48	128.70	(*)	3.38	3.37	3.20	3.17
3611	Electric measuring instruments	-	119.87	121.70	118.26	116.47	-	3.05	3.05	2.92	2.89
3612	Transformers	-	141.10	140.95	132.66	129.28	-	3.40	3.38	3.22	3.20
3613	Switchgear and switchboard apparatus...	-	146.57	149.45	143.06	137.76	-	3.61	3.61	3.39	3.36
362	Electrical industrial apparatus	135.32	134.46	136.01	134.27	133.31	3.40	3.37	3.35	3.22	3.22
3621	Motors and generators	-	138.75	140.01	135.94	136.78	-	3.46	3.44	3.26	3.28
3622	Industrial controls	-	125.93	127.76	131.24	125.83	-	3.18	3.21	3.17	3.13
363	Household appliances	135.04	136.51	136.40	132.36	133.90	3.41	3.43	3.41	3.26	3.29
3632	Household refrigerators and freezers ...	-	151.84	149.88	146.26	150.90	-	3.74	3.71	3.55	3.61
3633	Household laundry equipment	-	145.67	145.27	136.86	130.50	-	3.66	3.65	3.43	3.48
3634	Electric housewares and fans	-	109.70	109.87	106.79	105.47	-	2.82	2.81	2.69	2.67
364	Electric lighting and wiring equipment ...	122.67	118.86	119.59	115.89	114.51	3.09	3.04	3.02	2.89	2.87
3641	Electric lamps	-	124.71	122.67	113.94	112.86	-	3.11	3.09	2.87	2.85
3642	Lighting fixtures	-	116.80	119.47	114.95	115.15	-	3.09	3.04	2.94	2.93
3643,4	Wiring devices	-	116.62	117.81	116.97	114.62	-	2.96	2.96	2.86	2.83
365	Radio and TV receiving equipment	106.22	107.60	111.07	102.64	100.97	2.91	2.94	2.90	2.68	2.65
366	Communication equipment	(*)	147.14	149.76	140.76	140.01	(*)	3.58	3.60	3.40	3.39
3661	Telephone and telegraph apparatus	-	147.91	152.15	145.17	144.21	-	3.53	3.58	3.44	3.45
3662	Radio and TV communication equipment ...	-	146.61	147.65	137.83	137.02	-	3.62	3.61	3.37	3.35
367	Electronic components and accessories ...	(*)	109.03	109.09	104.94	103.23	(*)	2.81	2.79	2.65	2.62
3671-3	Electron tubes	-	120.34	120.56	113.94	114.11	-	3.07	3.06	2.87	2.86
3674,9	Other electronic components	-	106.81	106.47	102.96	101.00	-	2.76	2.73	2.60	2.57
369	Misc. electrical equipment & supplies....	138.95	135.19	136.57	136.61	135.12	3.50	3.44	3.44	3.34	3.32
3694	Engine electrical equipment	-	139.37	142.30	142.86	141.75	-	3.62	3.63	3.51	3.50
37	TRANSPORTATION EQUIPMENT	167.69	157.20	160.40	158.18	157.44	4.06	4.00	4.01	3.83	3.84
371	Motor vehicles and equipment	(*)	158.95	164.34	166.44	166.86	(*)	4.15	4.15	4.03	4.05
3711	Motor vehicles	-	158.30	167.38	169.74	165.63	-	4.29	4.27	4.09	4.11
3712	Passenger car bodies	-	174.02	170.10	184.02	179.71	-	4.52	4.50	4.34	4.32
3713	Truck and bus bodies	-	137.02	138.51	129.03	136.27	-	3.40	3.42	3.25	3.34
3714	Motor vehicle parts and accessories ...	-	161.92	166.44	167.69	172.21	-	4.12	4.13	4.08	4.11
3715	Truck trailers	-	126.22	125.51	125.82	123.07	-	3.22	3.21	3.01	2.98
372	Aircraft and parts	(*)	164.84	165.64	158.53	156.59	(*)	4.05	4.04	3.82	3.81
3721	Aircraft	-	166.05	166.87	159.74	158.65	-	4.10	4.09	3.84	3.86
3722	Aircraft engines and engine parts	-	161.60	162.41	156.67	154.31	-	4.03	4.03	3.84	3.81
3723,9	Other aircraft parts and equipment	-	166.69	166.66	158.20	154.19	-	3.95	3.94	3.74	3.68
373	Ship and boat building and repairing	147.34	148.06	147.68	144.26	143.09	3.73	3.72	3.72	3.51	3.49
3731	Ship building and repairing	-	156.38	157.59	154.16	153.00	-	3.89	3.93	3.76	3.75
3732	Boat building and repairing	-	119.20	115.89	115.92	115.79	-	3.08	3.01	2.80	2.77
374	Railroad equipment	-	169.33	166.04	156.53	151.24	-	4.11	4.12	3.79	3.80
375,9	Other transportation equipment	-	119.42	116.74	117.09	115.02	-	3.07	3.04	2.92	2.89
38	INSTRUMENTS AND RELATED PRODUCTS ..	133.32	132.59	133.50	126.98	125.86	3.30	3.29	3.28	3.12	3.10
381	Engineering & scientific instruments ...	-	150.59	151.98	146.08	145.18	-	3.70	3.68	3.52	3.49
382	Mechanical measuring & control devices..	132.40	130.87	133.17	126.36	124.53	3.31	3.28	3.28	3.12	3.09
3821	Mechanical measuring devices	-	135.05	136.45	129.56	126.36	-	3.31	3.32	3.16	3.12
3822	Automatic temperature controls	-	124.68	128.08	122.49	122.21	-	3.23	3.21	3.07	3.04
383,5	Optical and ophthalmic goods	123.32	123.32	122.82	120.07	118.37	3.06	3.06	3.04	2.95	2.93
385	Ophthalmic goods	-	112.75	112.63	109.62	108.54	-	2.84	2.83	2.72	2.70
384	Medical instruments and supplies	111.44	110.87	112.29	110.70	108.67	2.85	2.85	2.85	2.74	2.71
386	Photographic equipment and supplies	(*)	163.58	163.92	149.45	149.70	(*)	3.84	3.83	3.61	3.59
387	Watches, clocks, and watchcases	-	108.86	107.92	99.45	98.18	-	2.77	2.76	2.55	2.55
39	MISC. MANUFACTURING INDUSTRIES	108.08	108.64	109.20	102.96	102.44	2.80	2.80	2.80	2.64	2.62
391	Jewelry, silverware, and plated ware....	119.65	120.56	121.39	113.29	113.94	3.06	3.06	3.05	2.89	2.87
394	Toys and sporting goods	-	98.30	99.72	90.20	90.30	-	2.56	2.57	2.38	2.37
3941-3	Games, toys, dolls & play vehicles	-	95.25	95.50	84.44	84.67	-	2.50	2.50	2.27	2.27
3949	Sporting and athletic goods, n e c	-	102.17	104.02	98.03	96.47	-	2.64	2.64	2.52	2.48
395	Pens, pencils, office and art supplies....	-	106.98	108.70	104.92	105.06	-	2.75	2.78	2.61	2.62
396	Costume jewelry and notions	-	97.92	97.28	96.04	95.26	-	2.55	2.54	2.45	2.43
393,9	Other manufacturing industries	116.70	116.91	116.82	111.50	110.88	3.00	2.99	2.98	2.83	2.80
393	Musical instruments and parts	-	114.07	114.95	109.30	109.69	-	2.94	2.94	2.76	2.77
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	127.98	124.18	124.00	119.48	117.89	3.16	3.12	3.10	2.95	2.94
201	Meat products	(*)	133.57	132.59	126.89	124.80	(*)	3.29	3.29	3.11	3.12
2011	Meat packing plants	-	160.16	159.29	149.45	148.68	-	3.85	3.82	3.61	3.60
2013	Sausages and other prepared meats	-	143.16	144.36	139.40	137.70	-	3.57	3.60	3.40	3.40
2015	Poultry dressing plants	-	82.71	79.80	79.40	74.43	-	2.11	2.10	2.01	1.99

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 workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
<i>Durable Goods--Continued</i>											
36	ELECTRICAL EQUIPMENT AND SUPPLIES	39.7	39.6	40.1	40.5	40.3	-	2.1	2.4	2.8	2.7
361	Electric test & distributing equipment	(*)	40.5	41.0	41.4	40.6	-	2.3	2.8	3.1	2.9
3611	Electric measuring instruments	-	39.3	39.9	40.5	40.3	-	-	-	-	-
3612	Transformers	-	41.5	41.7	41.2	40.4	-	-	-	-	-
3613	Switchgear and switchboard apparatus	-	40.6	41.4	42.2	41.0	-	-	-	-	-
362	Electrical industrial apparatus	39.8	39.9	40.6	41.7	41.4	-	2.5	2.6	3.9	3.8
3621	Motors and generators	-	40.1	40.7	41.7	41.4	-	-	-	-	-
3622	Industrial controls	-	39.6	39.8	41.4	40.2	-	-	-	-	-
363	Household appliances	39.6	39.8	40.0	40.6	40.7	-	2.3	2.1	2.8	3.1
3632	Household refrigerators and freezers	-	40.6	40.4	41.2	41.8	-	-	-	-	-
3633	Household laundry equipment	-	39.8	39.8	39.9	37.5	-	-	-	-	-
3634	Electric housewares and fans	-	38.9	39.1	39.7	39.5	-	-	-	-	-
364	Electric lighting and wiring equipment	39.7	39.1	39.6	40.1	39.9	-	1.9	2.2	2.6	2.5
3641	Electric lamps	-	40.1	39.7	39.7	39.6	-	-	-	-	-
3642	Lighting fixtures	-	37.8	39.3	39.1	39.3	-	-	-	-	-
3643,4	Wiring devices	-	39.4	39.8	40.9	40.5	-	-	-	-	-
365	Radio and TV receiving equipment	36.5	36.6	38.3	38.3	38.1	-	.9	1.0	1.4	1.3
366	Communication equipment	(*)	41.1	41.6	41.4	41.3	-	2.6	3.4	3.0	3.0
3661	Telephone and telegraph apparatus	-	41.9	42.5	42.2	41.8	-	-	-	-	-
3662	Radio and TV communication equipment	-	40.5	40.9	40.9	40.9	-	-	-	-	-
367	Electronic components and accessories	(*)	38.8	39.1	39.6	39.4	-	1.6	1.8	2.2	2.1
3671-3	Electron tubes	-	39.2	39.4	39.7	39.9	-	-	-	-	-
3674,9	Other electronic components	-	38.7	39.0	39.6	39.3	-	-	-	-	-
369	Misc. electrical equipment & supplies	39.7	39.3	39.7	40.9	40.7	-	1.7	2.2	3.0	3.0
3694	Engine electrical equipment	-	38.5	39.2	40.7	40.5	-	-	-	-	-
37	TRANSPORTATION EQUIPMENT	41.0	39.3	40.0	41.3	41.0	-	2.3	2.3	3.6	3.5
371	Motor vehicles and equipment	(*)	38.3	39.6	41.3	41.2	-	1.8	2.0	4.1	4.0
3711	Motor vehicles	-	36.9	39.2	41.5	40.3	-	-	-	-	-
3712	Passenger car bodies	-	38.5	37.8	42.4	41.6	-	-	-	-	-
3713	Truck and bus bodies	-	40.3	40.5	39.7	40.8	-	-	-	-	-
3714	Motor vehicle parts and accessories	-	39.3	40.3	41.1	41.9	-	-	-	-	-
3715	Truck trailers	-	39.2	39.1	41.8	41.3	-	-	-	-	-
372	Aircraft and parts	(*)	40.7	41.0	41.5	41.1	-	2.5	2.5	3.0	2.8
3721	Aircraft	-	40.5	40.8	41.6	41.1	-	-	-	-	-
3722	Aircraft engines and engine parts	-	40.1	40.3	40.8	40.5	-	-	-	-	-
3723,9	Other aircraft parts and equipment	-	42.2	42.3	42.3	41.9	-	-	-	-	-
373	Ship and boat building and repairing	39.5	39.8	39.7	41.1	41.0	-	3.5	3.0	3.7	3.7
3731	Ship building and repairing	-	40.2	40.1	41.0	40.8	-	-	-	-	-
3732	Boat building and repairing	-	38.7	38.5	41.4	41.8	-	-	-	-	-
374	Railroad equipment	-	41.2	40.3	41.3	39.8	-	3.6	2.7	3.1	3.6
375,9	Other transportation equipment	-	38.9	38.4	40.1	39.8	-	1.9	1.9	3.1	3.0
38	INSTRUMENTS AND RELATED PRODUCTS	40.4	40.3	40.7	40.7	40.6	-	2.5	2.7	2.9	2.7
381	Engineering & scientific instruments	-	40.7	41.3	41.5	41.6	-	2.5	3.1	3.2	3.2
382	Mechanical measuring & control devices	40.0	39.9	40.6	40.5	40.3	-	2.4	2.9	3.1	3.0
3821	Mechanical measuring devices	-	40.8	41.1	41.0	40.5	-	-	-	-	-
3822	Aromatic temperature controls	-	38.6	39.9	39.9	40.2	-	-	-	-	-
383,5	Optical and ophthalmic goods	40.3	40.3	40.4	40.7	40.4	-	2.7	2.7	2.8	2.7
385	Ophthalmic goods	-	39.7	39.8	40.3	40.2	-	2.2	2.1	2.6	2.7
384	Medical instruments and supplies	39.1	38.9	39.4	40.4	40.1	-	1.6	1.8	2.4	2.3
386	Photographic equipment and supplies	(*)	42.6	42.8	41.4	41.7	-	3.4	3.5	3.2	3.0
387	Watches, clocks, and watch cases	-	39.3	39.1	39.0	38.5	-	2.0	1.9	2.2	1.6
39	MISC. MANUFACTURING INDUSTRIES	38.6	38.8	39.0	39.0	39.1	-	2.2	2.4	2.5	2.4
391	Jewelry, silverware, and plated ware	39.1	39.4	39.8	39.2	39.7	-	2.6	3.1	2.6	2.7
394	Toys and sporting goods	-	38.4	38.8	37.9	38.1	-	1.9	2.0	2.0	2.0
3941-3	Games, toys, dolls, & play vehicles	-	38.1	38.2	37.2	37.3	-	-	-	-	-
3949	Sporting and athletic goods, n.e.c.	-	38.7	39.4	38.9	38.9	-	-	-	-	-
395	Pens, pencils, office and art supplies	-	38.9	39.1	40.2	40.1	-	1.5	1.9	2.1	2.1
396	Costume jewelry and notions	-	38.4	38.3	39.2	39.2	-	2.3	2.4	2.9	2.6
393,9	Other manufacturing industries	38.9	39.1	39.2	39.4	39.6	-	2.3	2.6	2.7	2.6
393	Musical instruments and parts	-	38.8	39.1	39.6	39.6	-	1.6	1.9	2.1	2.5
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	40.5	39.8	40.0	40.5	40.1	-	3.5	3.5	4.0	3.8
201	Meat products	(*)	40.6	40.3	40.8	40.0	-	4.2	4.0	4.4	4.0
2011	Meat packing plants	-	41.6	41.7	41.4	41.3	-	-	-	-	-
2013	Sausages and other prepared meats	-	40.1	40.1	41.0	40.5	-	-	-	-	-
2015	Poultry dressing plants	-	39.2	38.0	39.5	37.4	-	-	-	-	-

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 workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products	\$134.37	\$131.11	\$130.60	\$125.40	\$123.67	\$3.23	\$3.19	\$3.17	\$3.00	\$2.98
2024	Ice cream and frozen desserts	-	124.93	125.26	120.72	115.82	-	3.10	3.07	2.93	2.91
2026	Fluid milk	-	137.69	136.78	132.93	130.31	-	3.35	3.32	3.15	3.11
203	Canned, cured, and frozen foods	-	98.85	100.47	97.15	95.63	-	2.65	2.63	2.53	2.51
2031,6	Canned, cured, and frozen sea foods	-	82.48	87.24	83.03	81.27	-	2.37	2.41	2.30	2.27
2032,3	Canned food, except sea foods	-	107.91	108.87	104.93	103.72	-	2.87	2.85	2.67	2.68
2037	Frozen fruits and vegetables	-	92.20	94.95	90.32	90.48	-	2.42	2.41	2.34	2.32
204	Grain mill products	141.04	138.24	141.24	135.30	134.81	3.22	3.20	3.21	3.02	3.05
2041	Flour and other grain mill products	-	139.52	145.73	136.80	139.99	-	3.20	3.21	3.04	3.07
2042	Prepared feeds for animals and fowls	-	123.23	125.53	122.21	122.58	-	2.82	2.84	2.68	2.73
205	Bakery products	125.05	121.20	120.67	118.90	116.03	3.19	3.14	3.11	2.98	2.93
2051	Bread, cake, and related products	-	123.70	122.22	120.40	117.51	-	3.18	3.15	3.01	2.96
2052	Cookies and crackers	-	113.02	115.80	112.18	111.50	-	2.99	3.00	2.84	2.83
206	Sugar	-	137.50	124.23	128.32	124.55	-	3.37	3.21	3.20	3.21
207	Confectionery and related products	(*)	107.25	106.50	101.00	99.84	(*)	2.75	2.71	2.57	2.56
2071	Confectionery products	-	103.45	102.96	97.75	95.73	-	2.68	2.64	2.50	2.48
208	Beverages	144.80	141.77	141.37	134.46	134.80	3.62	3.58	3.57	3.37	3.37
2082	Malt liquors	-	186.86	186.50	180.96	179.66	-	4.58	4.56	4.35	4.35
2086	Bottled and canned soft drinks	-	107.96	105.15	102.56	102.43	-	2.74	2.71	2.59	2.58
209	Misc. foods and kindred products	(*)	123.22	122.70	120.35	118.24	(*)	3.02	3.00	2.90	2.87
21	TOBACCO MANUFACTURES	118.65	110.93	105.56	103.02	95.94	3.05	2.99	2.90	2.74	2.68
211	Cigarettes	-	130.18	122.81	121.48	112.77	-	3.49	3.44	3.18	3.15
212	Cigars	-	80.29	79.82	75.60	73.75	-	2.17	2.14	2.06	2.06
22	TEXTILE MILL PRODUCTS	96.47	96.96	97.04	94.07	92.92	2.43	2.43	2.42	2.30	2.30
221	Weaving mills, cotton	97.12	98.74	98.98	92.62	92.16	2.41	2.42	2.42	2.27	2.27
222	Weaving mills, synthetics	(*)	99.63	100.37	99.68	99.26	(*)	2.46	2.46	2.34	2.33
223	Weaving and finishing mills, wool	102.75	102.67	102.42	103.25	102.82	2.50	2.48	2.48	2.39	2.38
224	Narrow fabric mills	(*)	89.25	97.44	93.89	89.44	(*)	2.42	2.43	2.29	2.27
225	Knitting mills	(*)	89.21	89.77	87.08	84.45	(*)	2.36	2.35	2.25	2.24
2251	Women's hosiery, except socks	-	85.51	87.23	85.91	85.03	-	2.33	2.32	2.22	2.22
2252	Hosiery, n e c	-	78.32	78.97	75.28	71.05	-	2.14	2.14	2.04	2.03
2253	Knit outerwear mills	-	91.26	91.88	88.83	84.11	-	2.44	2.45	2.35	2.33
2254	Knit underwear mills	-	80.01	79.94	78.45	77.46	-	2.18	2.19	2.07	2.06
226	Textile finishing, except wool	(*)	105.11	106.40	102.97	102.48	(*)	2.57	2.57	2.44	2.44
227	Floor covering mills	-	104.49	102.25	99.17	97.70	-	2.53	2.50	2.35	2.36
228	Yarn and thread mills	91.25	89.72	90.80	88.17	87.72	2.27	2.26	2.27	2.14	2.15
229	Miscellaneous textile goods	(*)	108.26	107.98	109.39	107.10	(*)	2.66	2.64	2.58	2.55
23	APPAREL AND OTHER TEXTILE PRODUCTS	83.42	83.90	84.85	82.67	81.85	2.37	2.37	2.37	2.29	2.28
231	Men's and boys' suits and coats	(*)	103.10	103.25	103.79	101.68	(*)	2.88	2.86	2.71	2.69
232	Men's and boys' furnishings	75.97	75.71	76.54	72.10	72.07	2.07	2.08	2.08	1.97	1.98
2321	Men's and boys' shirts and nightwear	-	74.98	75.85	69.87	69.26	-	2.06	2.05	1.93	1.94
2327	Men's and boys' separate trousers	-	74.93	76.38	73.68	73.68	-	2.07	2.07	1.97	1.97
2328	Men's and boys' work clothing	-	73.37	73.40	72.17	72.15	-	2.01	2.00	1.94	1.95
233	Women's and misses' outerwear	84.07	85.26	87.72	84.04	85.12	2.54	2.53	2.55	2.45	2.46
2331	Women's and misses' blouses and waists	-	77.41	80.48	75.30	74.87	-	2.27	2.28	2.17	2.17
2335	Women's and misses' dresses	-	88.58	90.71	86.10	88.32	-	2.66	2.66	2.57	2.59
2337	Women's and misses' suits and coats	-	88.55	92.06	91.46	89.24	-	2.82	2.85	2.69	2.68
2339	Women's and misses' outerwear, n e c	-	80.28	80.44	77.90	79.06	-	2.23	2.21	2.14	2.16
234	Women's and children's undergarments	76.11	76.95	77.47	75.60	74.55	2.15	2.18	2.17	2.10	2.10
2341	Women's and children's underwear	-	75.05	76.25	73.49	72.27	-	2.12	2.13	2.03	2.03
2342	Corsets and allied garments	-	81.78	80.71	79.88	79.07	-	2.33	2.28	2.25	2.24
235	Hats, caps, and millinery	-	79.28	79.43	75.83	76.38	-	2.19	2.25	2.13	2.11
236	Children's outerwear	78.62	77.57	78.10	75.97	73.64	2.24	2.21	2.20	2.14	2.11
2361	Children's dresses and blouses	-	77.66	76.78	75.90	73.22	-	2.20	2.20	2.12	2.11
237,8	Fur goods and miscellaneous apparel	-	88.81	87.84	86.52	83.78	-	2.46	2.44	2.41	2.38
239	Misc. fabricated textile products	91.26	89.79	90.77	91.44	89.49	2.48	2.44	2.44	2.40	2.38
2391,2	Housefurnishings	-	78.32	79.61	77.52	76.91	-	2.14	2.14	2.04	2.04
26	PAPER AND ALLIED PRODUCTS	142.80	140.53	140.70	137.60	135.99	3.40	3.37	3.35	3.20	3.17
261,2,6	Paper and pulp mills	166.43	163.17	161.92	157.94	158.20	3.74	3.70	3.68	3.52	3.50
263	Paperboard mills	165.38	163.81	165.54	160.72	159.00	3.75	3.74	3.72	3.54	3.51
264	Misc. converted paper products	123.29	123.72	124.54	120.47	119.07	3.09	3.07	3.06	2.91	2.89
2643	Bags, except textile bags	-	120.18	119.36	113.16	112.61	-	2.96	2.94	2.76	2.74
265	Paperboard containers and boxes	(*)	123.78	125.64	123.73	121.30	(*)	3.11	3.11	2.96	2.93
2651,2	Folding and set-up paperboard boxes	-	115.84	118.19	112.61	108.94	-	2.94	2.94	2.74	2.71
2653	Corrugated and solid fiber boxes	-	128.88	130.82	131.86	130.40	-	3.23	3.23	3.11	3.09
2654	Sanitary food containers	-	122.92	124.14	123.22	120.25	-	3.05	3.05	2.92	2.87

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 workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
	<i>Nondurable Goods--Continued</i>										
	FOOD AND KINDRED PRODUCTS--Continued										
202	Dairy products.....	41.6	41.1	41.2	41.8	41.5	-	3.8	3.8	4.2	3.7
2024	Ice cream and frozen desserts.....	-	40.3	40.8	41.2	39.8	-	-	-	-	-
2026	Fluid milk.....	-	41.1	41.2	42.2	41.9	-	-	-	-	-
203	Canned, cured, and frozen foods.....	-	37.3	38.2	38.4	38.1	-	2.5	2.8	3.0	2.9
2031,6	Canned, cured, and frozen sea foods.....	-	34.8	36.2	36.1	35.8	-	-	-	-	-
2032,3	Canned food, except sea foods.....	-	37.6	38.2	39.3	38.7	-	-	-	-	-
2037	Frozen fruits and vegetables.....	-	38.1	39.4	39.6	39.0	-	-	-	-	-
204	Grain mill products.....	43.8	43.2	44.0	44.8	44.2	-	5.4	5.8	6.7	6.2
2041	Flour and other grain mill product.....	-	43.6	45.4	45.0	45.6	-	-	-	-	-
2042	Prepared feeds for animals and fowls.....	-	43.7	44.2	45.6	44.9	-	-	-	-	-
205	Bakery products.....	39.2	38.6	38.8	39.9	39.6	-	2.9	2.8	3.8	3.6
2051	Bread, cake, and related products.....	-	38.9	38.8	40.0	39.7	-	-	-	-	-
2052	Cookies and crackers.....	-	37.8	38.6	39.5	39.4	-	-	-	-	-
206	Sugar.....	-	40.8	38.7	40.1	38.8	-	3.9	3.1	3.0	3.4
207	Confectionery and related products.....	(*)	39.0	39.3	39.3	39.0	-	2.4	2.5	2.6	2.3
2071	Confectionery products.....	-	38.6	39.0	39.1	38.6	-	-	-	-	-
208	Beverages.....	40.0	39.6	39.6	39.9	40.0	-	3.0	3.0	3.6	3.4
2082	Malt liquors.....	-	40.8	40.9	41.6	41.3	-	-	-	-	-
2086	Bottled and canned soft drinks.....	-	39.4	38.8	39.6	39.7	-	-	-	-	-
209	Misc. foods and kindred products.....	(*)	40.8	40.9	41.5	41.2	-	3.8	4.1	4.7	4.6
21	TOBACCO MANUFACTURES.....	38.9	37.1	36.4	37.6	35.8	-	1.6	.9	1.1	.9
211	Cigarettes.....	-	37.3	35.7	38.2	35.8	-	2.0	.7	1.1	.6
212	Cigars.....	-	37.0	37.3	36.7	35.8	-	1.1	1.1	1.2	1.2
22	TEXTILE MILL PRODUCTS.....	39.7	39.9	40.1	40.9	40.4	-	3.3	3.4	3.9	3.8
221	Weaving mills, cotton.....	40.3	40.8	40.9	40.8	40.6	-	4.0	4.2	3.8	3.7
222	Weaving mills, synthetics.....	(*)	40.5	40.8	42.6	42.6	-	3.3	3.5	4.8	4.8
223	Weaving and finishing mills, wool.....	41.1	41.4	41.3	43.2	43.2	-	3.7	3.7	5.3	5.6
224	Narrow fabric mills.....	(*)	40.6	40.1	41.0	39.4	-	2.8	2.7	3.4	2.6
225	Knitting mills.....	(*)	37.8	38.2	38.7	37.7	-	2.3	2.4	2.7	2.5
2251	Women's hosiery, except socks.....	-	36.7	37.6	38.7	38.3	-	-	-	-	-
2252	Hosiery, n e c.....	-	36.6	36.9	36.9	35.0	-	-	-	-	-
2253	Knit outerwear mills.....	-	37.4	37.5	37.8	36.1	-	-	-	-	-
2254	Knit underwear mills.....	-	36.7	36.5	37.9	37.6	-	-	-	-	-
226	Textile finishing, except wool.....	(*)	40.9	41.4	42.2	42.0	-	3.8	4.2	4.9	4.9
227	Floor covering mills.....	-	41.3	40.9	42.2	41.4	-	3.1	2.9	4.6	4.6
228	Yarn and thread mills.....	40.2	39.7	40.0	41.2	40.8	-	3.4	3.6	4.2	4.2
229	Miscellaneous textile goods.....	(*)	40.7	40.9	42.4	42.0	-	3.5	3.6	4.9	4.5
23	APPAREL AND OTHER TEXTILE PRODUCTS.....	35.2	35.4	35.8	36.1	35.9	-	1.1	1.3	1.3	1.3
231	Men's and boys' suits and coats.....	(*)	35.8	36.1	38.3	37.8	-	1.0	1.1	1.6	1.7
232	Men's and boys' furnishings.....	36.7	36.4	36.8	36.6	36.4	-	1.1	1.2	1.1	1.0
2321	Men's and boys' shirts and nightwear.....	-	36.4	37.0	36.2	35.7	-	-	-	-	-
2327	Men's and boys' separate trousers.....	-	36.2	36.9	37.4	37.4	-	-	-	-	-
2328	Men's and boys' work clothing.....	-	36.5	36.7	37.2	37.0	-	-	-	-	-
233	Women's and misses' outerwear.....	33.1	33.7	34.4	34.3	34.6	-	1.2	1.4	1.3	1.3
2331	Women's and misses' blouses and waists.....	-	34.1	35.3	34.7	34.5	-	-	-	-	-
2335	Women's and misses' dresses.....	-	33.3	34.1	33.5	34.1	-	-	-	-	-
2337	Women's and misses' suits and coats.....	-	31.4	32.3	34.0	33.3	-	-	-	-	-
2339	Women's and misses' outerwear, n e c.....	-	36.0	36.4	36.4	36.6	-	-	-	-	-
234	Women's and children's undergarments.....	35.4	35.3	35.7	36.0	35.5	-	.9	1.0	1.1	1.0
2341	Women's and children's underwear.....	-	35.4	35.8	36.2	35.6	-	-	-	-	-
2342	Corsets and allied garments.....	-	35.1	35.4	35.5	35.3	-	-	-	-	-
235	Hats, caps, and millinery.....	-	36.2	35.3	35.6	36.2	-	1.4	1.2	1.3	1.4
236	Children's outerwear.....	35.1	35.1	35.5	35.5	34.9	-	.9	1.3	1.0	1.0
2361	Children's dresses and blouses.....	-	35.3	34.9	35.8	34.7	-	-	-	-	-
237,8	Fur goods and miscellaneous apparel.....	-	36.1	36.0	35.9	35.2	-	1.2	1.0	.9	.8
239	Misc. fabricated textile products.....	36.8	36.8	37.2	38.1	37.6	-	1.5	1.7	1.9	1.9
2391,2	Housefurnishings.....	-	36.6	37.2	38.0	37.7	-	-	-	-	-
26	PAPER AND ALLIED PRODUCTS.....	42.0	41.7	42.0	43.0	42.9	-	4.6	4.7	5.3	5.3
261,2,6	Paper and pulp mills.....	44.5	44.1	44.0	44.7	45.2	-	6.4	6.2	6.5	7.1
263	Paperboard mills.....	44.1	43.8	44.5	45.4	45.3	-	6.8	6.9	7.7	7.1
264	Misc. converted paper products.....	39.9	40.3	40.7	41.4	41.2	-	3.0	3.4	3.8	3.8
2643	Bags, except textile bags.....	-	40.6	40.6	41.0	41.1	-	-	-	-	-
265	Paperboard containers and boxes.....	(*)	39.8	40.4	41.8	41.4	-	3.2	3.5	4.6	4.3
2651,2	Folding and setup paperboard boxes.....	-	39.4	40.2	41.1	40.2	-	-	-	-	-
2653	Corrugated and solid fiber boxes.....	-	39.9	40.5	42.4	42.2	-	-	-	-	-
2654	Sanitary food containers.....	-	40.3	40.7	42.2	41.9	-	-	-	-	-

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 workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	\$145.51	\$145.15	\$145.92	\$140.18	\$138.68	\$3.87	\$3.85	\$3.84	\$3.66	\$3.64
271	Newspapers	149.88	148.81	147.68	145.89	141.73	4.21	4.18	4.16	4.03	3.97
272	Periodicals	-	164.43	165.24	158.71	155.80	-	4.07	4.06	3.89	3.80
273	Books	-	130.30	133.82	131.46	127.52	-	3.42	3.44	3.23	3.18
275	Commercial printing	(*)	150.54	152.49	143.50	142.37	(*)	3.90	3.90	3.67	3.66
2751	Commercial printing, ex. lithographic	-	146.31	147.06	139.32	137.88	-	3.82	3.80	3.60	3.60
2752	Commercial printing, lithographic	-	156.39	161.19	149.29	149.27	-	4.01	4.05	3.77	3.76
278	Blankbooks and bookbinding	112.18	112.94	113.07	107.34	106.20	2.96	2.98	2.96	2.81	2.78
274,6,7,9	Other publishing & printing ind.	(*)	143.26	144.01	138.26	139.41	(*)	3.77	3.76	3.61	3.64
28	CHEMICALS AND ALLIED PRODUCTS ...	150.28	150.18	150.48	143.72	142.88	3.63	3.61	3.60	3.43	3.41
281	Industrial chemicals	169.66	168.40	168.35	160.74	159.89	4.03	4.00	3.98	3.80	3.78
2812	Alkalies and chlorine	-	169.24	171.23	161.78	159.68	-	4.02	4.01	3.78	3.82
2818	Industrial organic chemicals, n e c . .	-	180.62	179.77	170.91	172.10	-	4.23	4.22	4.05	4.04
2819	Industrial inorganic chemicals, n e c . .	-	158.98	159.71	152.15	150.95	-	3.84	3.83	3.64	3.62
282	Plastics materials and synthetics	146.56	143.04	147.55	143.06	141.71	3.54	3.55	3.53	3.39	3.35
2821	Plastics materials and resins	-	159.85	160.55	154.66	153.64	-	3.77	3.76	3.58	3.54
2823,4	Synthetic fibers	-	134.89	133.33	130.82	129.17	-	3.29	3.26	3.16	3.12
283	Drugs	141.00	141.23	142.96	134.15	134.81	3.49	3.47	3.47	3.28	3.28
2834	Pharmaceutical preparations	-	135.47	137.16	130.17	128.64	-	3.37	3.37	3.23	3.20
284	Soap, cleaners, and toilet goods	146.93	147.06	147.44	137.63	136.49	3.61	3.64	3.57	3.39	3.37
2841	Soap and other detergents	-	184.99	182.62	175.14	170.98	-	4.49	4.39	4.19	4.15
2844	Toilet preparations	-	120.40	122.96	111.00	111.28	-	3.01	2.97	2.81	2.81
285	Paints and allied products	138.63	136.74	138.11	136.54	134.96	3.44	3.41	3.41	3.29	3.26
287	Agricultural chemicals	(*)	130.24	129.49	122.92	123.20	(*)	2.94	2.97	2.80	2.75
2871,2	Fertilizers, complete & mixing only .	-	125.27	123.76	117.31	118.30	-	2.79	2.80	2.66	2.60
286,9	Other chemical products	142.07	140.90	142.69	136.21	135.46	3.44	3.42	3.43	3.29	3.28
2892	Explosives	-	141.69	146.37	138.85	136.68	-	3.56	3.57	3.42	3.40
29	PETROLEUM AND COAL PRODUCTS	181.45	179.77	176.81	174.50	174.10	4.31	4.27	4.23	4.03	4.03
291	Petroleum refining	188.78	188.55	186.01	182.33	183.61	4.56	4.50	4.45	4.26	4.26
295,9	Other petroleum and coal products	157.71	151.01	145.53	148.62	140.94	3.56	3.52	3.49	3.31	3.24
30	RUBBER AND PLASTICS PRODUCTS, N E C	124.66	127.03	127.26	125.25	123.82	3.14	3.16	3.15	3.04	3.02
301	Tires and inner tubes	(*)	178.92	179.35	185.02	180.89	(*)	4.20	4.21	4.13	4.13
302,3,6	Other rubber products	(*)	121.88	123.11	119.69	119.88	(*)	3.07	3.07	2.97	2.96
302	Rubber footwear	-	106.40	104.37	105.86	104.66	-	2.68	2.69	2.68	2.67
307	Miscellaneous plastics products	111.67	111.56	111.32	108.00	106.66	2.82	2.81	2.79	2.66	2.64
31	LEATHER AND LEATHER PRODUCTS	92.75	90.02	91.64	87.66	85.78	2.50	2.48	2.47	2.35	2.35
311	Leather tanning and finishing	(*)	125.76	124.34	118.67	117.56	(*)	3.09	3.07	2.93	2.91
314	Footwear, except rubber	91.14	87.36	89.30	84.96	82.44	2.45	2.42	2.42	2.29	2.29
312,3,5,7,5	Other leather products	(*)	85.31	87.36	84.27	82.99	(*)	2.41	2.40	2.29	2.28
316	Luggage	-	90.25	89.25	87.56	86.72	-	2.50	2.50	2.36	2.35
317	Handbags and personal leather goods..	-	79.90	84.71	80.00	78.68	-	2.35	2.34	2.21	2.21
	TRANSPORTATION AND PUBLIC UTILITIES:	151.53	148.88	150.75	146.21	144.63	3.76	3.75	3.75	3.61	3.58
4011	RAILROAD TRANSPORTATION: Class I railroads ²		(*)	(*)	161.09	159.48		(*)	(*)	3.62	3.60
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation	-	139.28	137.70	130.59	128.94	-	3.34	3.31	3.08	3.07
413	Intercity highway transportation	-	163.51	159.42	160.61	161.80	-	3.94	3.86	3.87	3.88
42	TRUCKING AND WAREHOUSING	-	142.63	153.59	151.06	148.73	-	3.62	3.71	3.64	3.61
421,3	Trucking and trucking terminals	-	144.60	156.83	154.29	151.94	-	3.67	3.77	3.70	3.67
422	Public warehousing	-	117.51	116.31	109.54	108.47	-	2.99	2.99	2.86	2.81
46	PIPE LINE TRANSPORTATION	-	183.51	188.14	174.28	176.81	-	4.52	4.60	4.23	4.24
48	COMMUNICATION	-	129.15	129.75	129.89	126.94	-	3.32	3.31	3.28	3.23
481	Telephone communication	-	127.14	127.33	128.16	125.22	-	3.26	3.24	3.22	3.17
4817	Switchboard operating employees ³ ..	-	90.63	90.05	94.96	91.43	-	2.65	2.61	2.66	2.59
4818	Line construction employees ⁴	-	176.76	176.67	177.75	173.16	-	3.99	3.97	3.95	3.90
482	Telegraph communication ⁵	-	145.38	145.02	144.62	139.68	-	3.52	3.52	3.34	3.31
483	Radio and television broadcasting	-	141.75	142.88	138.74	138.01	-	3.75	3.75	3.69	3.69

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 workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	April 1970	Mar. 1970	May 1969	Apr. 1969
	<i>Nondurable Goods--Continued</i>										
27	PRINTING AND PUBLISHING	37.6	37.7	38.0	38.3	38.1	-	-	-	-	-
271	Newspapers.....	35.6	35.6	35.5	36.2	35.7	2.7	3.0	3.3	3.2	2.7
272	Periodicals.....	-	40.4	40.7	40.8	41.0	2.6	2.4	3.1	2.7	2.7
273	Books.....	-	38.1	38.9	40.7	40.1	4.1	4.2	4.5	4.6	4.6
275	Commercial printing.....	(*)	38.6	39.1	39.1	38.9	2.3	2.9	4.2	3.4	3.4
2751	Commercial printing, ex. lithographic.....	-	38.3	38.7	38.7	38.3	3.1	3.6	3.6	3.6	3.6
2752	Commercial printing, lithographic....	-	39.0	39.8	39.6	39.7	-	-	-	-	-
278	Blankbooks and bookbinding.....	37.9	37.9	38.2	38.2	38.2	2.0	2.3	2.4	2.3	2.3
274,6,7,9	Other publishing & printing ind.....	(*)	38.0	38.3	38.3	38.3	2.4	2.7	2.8	2.9	2.9
28	CHEMICALS AND ALLIED PRODUCTS..	41.4	41.6	41.8	41.9	41.9	3.3	3.2	3.5	3.5	3.5
281	Industrial chemicals.....	42.1	42.1	42.3	42.3	42.3	3.6	3.6	3.5	3.8	3.8
2812	Alkalies and chlorine.....	-	42.1	42.7	42.8	41.8	-	-	-	-	-
2818	Industrial organic chemicals, n e c....	-	42.7	42.6	42.2	42.6	-	-	-	-	-
2819	Industrial inorganic chemicals, n e c....	-	41.4	41.7	41.8	41.7	-	-	-	-	-
282	Plastics materials and synthetics.....	41.4	41.7	41.8	42.2	42.3	2.8	2.5	3.3	3.1	3.1
2821	Plastics materials and resins.....	-	42.4	42.7	43.2	43.4	-	-	-	-	-
2823,4	Synthetic fibers.....	-	41.0	40.9	41.4	41.4	-	-	-	-	-
283	Drugs.....	40.4	40.7	41.2	40.9	41.1	2.7	3.0	3.1	3.0	3.0
2834	Pharmaceutical preparations.....	-	40.2	40.7	40.3	40.2	-	-	-	-	-
284	Soap, cleaners, and toilet goods.....	40.7	40.4	41.3	40.6	40.5	2.7	3.1	2.6	2.8	2.8
2841	Soap and other detergents.....	-	41.2	41.6	41.8	41.2	-	-	-	-	-
2844	Toilet preparations.....	-	40.0	41.4	39.5	39.6	-	-	-	-	-
285	Paints and allied products.....	40.3	40.1	40.5	41.5	41.4	2.3	2.4	3.5	3.4	3.4
287	Agricultural chemicals.....	(*)	44.3	43.6	43.9	44.8	7.1	5.8	6.2	7.1	7.1
2871,2	Fertilizers, complete & mixing only..	-	44.9	44.2	44.1	45.5	-	-	-	-	-
286,9	Other chemical products.....	41.3	41.2	41.6	41.4	41.3	-	2.7	2.9	3.2	3.0
2892	Explosives.....	-	39.8	41.0	40.6	40.2	-	-	-	-	-
29	PETROLEUM AND COAL PRODUCTS.....	42.1	42.1	41.8	43.3	43.2	-	3.6	3.0	4.1	3.9
291	Petroleum refining.....	41.4	41.9	41.8	42.8	43.1	-	3.1	2.6	3.3	3.3
295,9	Other petroleum and coal products.....	44.3	42.9	41.7	44.9	43.5	-	5.1	4.4	6.8	5.8
30	RUBBER AND PLASTICS PRODUCTS, NEC..	39.7	40.2	40.4	41.2	41.0	-	3.3	3.5	4.2	4.1
301	Tires and inner tubes.....	(*)	42.6	42.6	44.8	43.8	-	4.9	5.6	6.9	6.3
302,3,6	Other rubber products.....	(*)	39.7	40.1	40.3	40.5	-	2.9	2.8	3.2	3.3
302	Rubber footwear.....	-	39.7	38.8	39.5	39.2	-	2.7	2.4	2.6	2.5
307	Miscellaneous plastics products.....	39.6	39.7	39.9	40.6	40.4	-	3.0	3.2	3.9	3.8
31	LEATHER AND LEATHER PRODUCTS.....	37.1	36.3	37.1	37.3	36.5	-	1.5	1.7	1.7	1.6
311	Leather tanning and finishing.....	(*)	40.7	40.5	40.5	40.4	-	3.9	3.6	3.8	3.8
314	Footwear, except rubber.....	37.2	36.1	36.9	37.1	36.0	-	1.4	1.6	1.5	1.4
312,3,5-7,9	Other leather products.....	(*)	35.4	36.4	36.8	36.4	-	1.0	1.4	1.5	1.4
316	Luggage.....	-	36.1	35.7	37.1	36.9	-	1.0	1.0	1.8	1.8
317	Handbags and personal leather goods..	-	34.0	36.2	36.2	35.6	-	.6	1.3	1.3	1.1
	TRANSPORTATION AND PUBLIC UTILITIES.....	40.3	39.7	40.2	40.5	40.4	-	-	-	-	-
11	RAILROAD TRANSPORTATION:										
	Class I railroads ²	-	(*)	(*)	44.5	44.3	-	-	-	-	-
	LOCAL AND INTERURBAN PASSENGER TRANSIT:										
411	Local and suburban transportation.....	-	41.7	41.6	42.4	42.0	-	-	-	-	-
413	Intercity highway transportation.....	-	41.5	41.3	41.5	41.7	-	-	-	-	-
42	TRUCKING AND WAREHOUSING	-	39.4	41.4	41.5	41.2	-	-	-	-	-
421,3	Trucking and trucking terminals.....	-	39.4	41.6	41.7	41.4	-	-	-	-	-
422	Public warehousing.....	-	39.3	38.9	38.3	38.6	-	-	-	-	-
46	PIPE LINE TRANSPORTATION.....	-	40.6	40.9	41.2	41.7	-	-	-	-	-
48	COMMUNICATION	-	38.9	39.2	39.6	39.3	-	-	-	-	-
481	Telephone communication.....	-	39.0	39.3	39.8	39.5	-	-	-	-	-
4817	Switchboard operating employees ³	-	34.2	34.5	35.7	35.3	-	-	-	-	-
4818	Line construction employees ⁴	-	44.3	44.5	45.0	44.4	-	-	-	-	-
482	Telegraph communication ⁵	-	41.3	41.2	43.3	42.2	-	-	-	-	-
483	Radio and television broadcasting.....	-	37.8	38.1	37.6	37.4	-	-	-	-	-

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 workers¹
on private nonagricultural payrolls, by industry--Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
-	TRANSPORTATION AND PUBLIC UTILITIES--Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	\$169.32	\$167.27	\$158.18	\$157.73	-	\$4.08	\$4.06	\$3.83	\$3.81
491	Electric companies and systems	-	173.89	170.57	162.63	161.41	-	4.15	4.11	3.90	3.88
492	Gas companies and systems	-	152.22	152.25	143.37	142.51	-	3.74	3.75	3.54	3.51
493	Combination companies and systems...	-	185.15	182.99	172.22	172.62	-	4.44	4.42	4.16	4.11
494-7	Water, steam, & sanitary systems	-	140.76	140.70	129.97	129.65	-	3.45	3.44	3.17	3.17
-	WHOLESALE AND RETAIL TRADE.....	\$94.50	93.88	93.80	89.92	88.96	\$2.70	2.69	2.68	2.54	2.52
50	WHOLESALE TRADE.....	136.40	135.26	136.00	128.00	127.20	3.41	3.39	3.40	3.20	3.18
501	Motor vehicles & automotive equipment	-	125.42	128.30	120.66	119.54	-	3.12	3.16	2.95	2.93
502	Drugs, chemicals, and allied products	-	135.91	137.67	128.59	127.32	-	3.53	3.53	3.34	3.29
503	Dry goods and apparel.....	-	124.81	126.57	120.46	120.64	-	3.41	3.43	3.17	3.20
504	Groceries and related products	-	125.93	125.22	119.60	119.50	-	3.18	3.17	2.99	2.98
506	Electrical goods.....	-	137.06	137.92	130.83	128.44	-	3.18	3.23	3.13	3.11
507	Hardware; plumbing & heating equipment	-	129.35	129.36	123.69	121.70	-	3.25	3.21	3.10	3.05
508	Machinery, equipment, and supplies.....	-	148.88	150.43	143.15	142.68	-	3.64	3.66	3.50	3.48
509	Miscellaneous wholesalers.....	-	136.81	136.76	126.22	125.44	-	3.49	3.48	3.22	3.20
52-59	RETAIL TRADE.....	80.83	80.59	80.49	77.63	77.06	2.42	2.42	2.41	2.29	2.28
53	Retail general merchandise	-	73.87	74.26	71.14	70.91	-	2.36	2.35	2.23	2.23
531	Department stores	-	76.75	77.19	74.81	74.34	-	2.50	2.49	2.36	2.36
532	Mail order houses	-	90.93	91.48	86.27	83.07	-	2.54	2.52	2.37	2.34
533	Variety stores	-	57.11	57.68	53.91	54.39	-	1.91	1.91	1.84	1.85
54	Food stores.....	-	85.22	84.01	81.28	80.39	-	2.68	2.65	2.54	2.52
541-3	Grocery, meat, and vegetable stores	-	86.45	85.54	82.50	81.35	-	2.71	2.69	2.57	2.55
56	Apparel and accessory stores	-	69.66	68.95	67.51	66.78	-	2.24	2.21	2.15	2.12
561	Men's & boys' clothing & furnishings	-	85.17	83.83	83.91	82.96	-	2.55	2.51	2.49	2.44
562	Women's ready-to-wear stores	-	61.59	62.21	61.49	60.96	-	2.06	2.06	1.99	1.96
565	Family clothing stores.....	-	69.18	68.67	63.95	64.87	-	2.09	2.10	1.98	1.99
566	Shoe stores.....	-	69.00	67.42	65.93	63.80	-	2.30	2.27	2.25	2.20
57	Furniture and home furnishings stores	-	104.83	105.85	102.28	100.44	-	2.88	2.90	2.73	2.70
571	Furniture and home furnishings.....	-	105.33	106.27	102.40	100.91	-	2.87	2.88	2.76	2.72
58	Eating and drinking places ⁶	-	56.18	56.55	54.84	54.18	-	1.83	1.83	1.73	1.72
52,55,59	Other retail trade.....	-	100.77	100.02	97.54	96.39	-	2.68	2.66	2.56	2.53
52	Building materials and farm equipment	-	110.21	108.31	105.71	103.97	-	2.79	2.77	2.61	2.58
551,2	Motor vehicle dealers.....	-	133.01	130.65	129.97	127.10	-	3.26	3.21	3.17	3.10
553,9	Other automotive & accessory dealers	-	111.25	111.11	107.43	106.68	-	2.72	2.71	2.57	2.54
591	Drug stores and proprietary stores	-	72.38	72.07	69.54	68.69	-	2.32	2.31	2.18	2.16
594	Book and stationery stores	-	83.25	83.75	81.74	81.10	-	2.50	2.50	2.44	2.45
598	Fuel and ice dealers.....	-	118.56	119.55	115.43	121.26	-	2.85	2.86	2.85	2.86
-	FINANCE, INSURANCE, AND REAL ESTATE⁷	111.20	111.81	112.85	107.30	106.85	3.03	3.03	3.05	2.90	2.88
60	Banking.....	-	101.75	101.38	96.46	96.35	-	2.75	2.74	2.60	2.59
61	Credit agencies other than banks	-	103.79	105.66	97.61	97.88	-	2.79	2.81	2.61	2.61
612	Savings and loan associations	-	102.40	103.14	94.06	96.09	-	2.76	2.78	2.57	2.59
62	Security, commodity brokers & services	-	168.30	172.88	180.58	175.10	-	4.50	4.61	4.79	4.62
63	Insurance carriers	-	119.19	120.20	112.55	111.50	-	3.23	3.24	3.05	3.03
631	Life insurance.....	-	121.11	122.14	113.44	113.09	-	3.30	3.31	3.16	3.15
632	Accident and health insurance.....	-	110.53	111.94	99.28	97.83	-	3.02	3.05	2.75	2.71
633	Fire, marine, and casualty insurance.....	-	119.41	120.38	114.38	113.62	-	3.21	3.21	3.01	2.99
-	SERVICES:	96.32	96.26	96.81	89.70	89.01	2.80	2.79	2.79	2.60	2.58
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶	-	66.89	67.51	63.01	62.48	-	1.95	1.94	1.79	1.78
721	Personal Services: Laundries and dry cleaning plants.....	-	77.40	76.61	73.00	72.64	-	2.15	2.14	2.00	1.99
722	Photographic studios	-	88.20	85.16	83.90	80.36	-	2.52	2.44	2.35	2.27
781	Motion pictures: Motion picture filming & distributing	-	174.15	171.05	169.18	164.72	-	4.50	4.42	4.24	4.17

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 workers¹
on private nonagricultural payrolls, by industry--Continued**

SIC Code	Industry	Average weekly hours					Average overtime hours				
		May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
TRANSPORTATION AND PUBLIC UTILITIES--Continued											
49	ELECTRIC, GAS, AND SANITARY SERVICES	-	41.5	41.2	41.3	41.4	-	-	-	-	.
491	Electric companies and systems.....	-	41.9	41.5	41.7	41.6	-	-	-	-	.
492	Gas companies and systems.....	-	40.7	40.6	40.5	40.6	-	-	-	-	.
493	Combination companies and systems..	-	41.7	41.4	41.4	42.0	-	-	-	-	.
494-7	Water, steam & sanitary systems.....	-	40.8	40.9	41.0	40.9	-	-	-	-	.
WHOLESALE AND RETAIL TRADE.....											
-	WHOLESALE TRADE.....	35.0	34.9	35.0	35.4	35.3	-	-	-	-	-
50	Wholesale trade.....	40.0	39.9	40.0	40.0	40.0	-	-	-	-	-
501	Motor vehicles & automotive equipment.	-	40.2	40.6	40.9	40.8	-	-	-	-	-
502	Drugs, chemicals, and allied products...	-	38.5	39.0	38.5	38.7	-	-	-	-	-
503	Dry goods and apparel.....	-	36.6	36.9	38.0	37.7	-	-	-	-	-
504	Groceries and related products.....	-	39.6	39.5	40.0	40.1	-	-	-	-	-
506	Electrical goods.....	-	43.1	42.7	41.8	41.3	-	-	-	-	-
507	Hardware; plumbing & heating equipment	-	39.8	40.3	39.9	39.9	-	-	-	-	-
508	Machinery, equipment, and supplies....	-	40.9	41.1	40.9	41.0	-	-	-	-	-
509	Miscellaneous wholesalers.....	-	39.2	39.3	39.2	39.2	-	-	-	-	-
52-59	RETAIL TRADE.....	33.4	33.3	33.4	33.9	33.8	-	-	-	-	-
53	Retail general merchandise.....	-	31.3	31.6	31.9	31.8	-	-	-	-	-
531	Department stores.....	-	30.7	31.0	31.7	31.5	-	-	-	-	-
532	Mail order houses.....	-	35.8	36.3	36.4	35.5	-	-	-	-	-
533	Variety stores.....	-	29.9	30.2	29.3	29.4	-	-	-	-	-
54	Food stores.....	-	31.8	31.7	32.0	31.9	-	-	-	-	-
541-3	Grocery, meat, and vegetable stores...	-	31.9	31.8	32.1	31.9	-	-	-	-	-
56	Apparel and accessory stores.....	-	31.1	31.2	31.4	31.5	-	-	-	-	-
561	Men's & boys' clothing & furnishings..	-	33.4	33.4	33.7	34.0	-	-	-	-	-
562	Women's ready-to-wear stores.....	-	29.9	30.2	30.9	31.1	-	-	-	-	-
565	Family clothing stores.....	-	33.1	32.7	32.3	32.6	-	-	-	-	-
566	Shoe stores.....	-	30.0	29.7	29.3	29.0	-	-	-	-	-
57	Furniture and home furnishings stores..	-	36.4	36.5	37.1	37.2	-	-	-	-	-
571	Furniture and home furnishings.....	-	36.7	36.9	37.1	37.1	-	-	-	-	-
58	Eating and drinking places ⁶	-	30.7	30.9	31.7	31.5	-	-	-	-	-
52,55,59	Other retail trade.....	-	37.6	37.6	38.1	38.1	-	-	-	-	-
52	Building materials and farm equipment	-	39.5	39.1	40.5	40.3	-	-	-	-	-
551,2	Motor vehicle dealers.....	-	40.8	40.7	41.0	41.0	-	-	-	-	-
553,9	Other automotive & accessory dealers.	-	40.9	41.0	41.8	42.0	-	-	-	-	-
591	Drug stores and proprietary stores...	-	31.2	31.2	31.9	31.8	-	-	-	-	-
594	Book and stationery stores.....	-	33.3	33.5	33.5	33.1	-	-	-	-	-
598	Fuel and ice dealers.....	-	41.6	41.8	40.5	42.4	-	-	-	-	-
FINANCE, INSURANCE, AND REAL ESTATE⁷.....											
60	Banking.....	36.7	36.9	37.0	37.0	37.1	-	-	-	-	-
61	Credit agencies other than banks.....	-	37.0	37.0	37.1	37.2	-	-	-	-	-
612	Credit agencies other than banks.....	-	37.2	37.6	37.4	37.5	-	-	-	-	-
62	Savings and loan associations.....	-	37.1	37.1	36.6	37.1	-	-	-	-	-
62	Security, commodity brokers & services.	-	37.4	37.5	37.7	37.9	-	-	-	-	-
63	Insurance carriers.....	-	36.9	37.1	36.9	36.8	-	-	-	-	-
631	Life insurance.....	-	36.7	36.9	35.9	35.9	-	-	-	-	-
632	Accident and health insurance.....	-	36.6	36.7	36.1	36.1	-	-	-	-	-
633	Fire, marine, and casualty insurance..	-	37.2	37.5	38.0	38.0	-	-	-	-	-
SERVICES:											
701	Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ...	-	34.3	34.8	35.2	35.1	-	-	-	-	-
Personal Services:											
721	Laundries & dry cleaning plants.....	-	36.0	35.8	36.5	36.5	-	-	-	-	-
722	Photographic studios.....	-	35.0	34.9	35.7	35.4	-	-	-	-	-
Motion pictures:											
781	Motion picture filming & distributing..	-	38.7	38.7	39.9	39.5	-	-	-	-	-

¹ For coverage of series, see footnote 1, table B-2.

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

³ Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1968, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁴ 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 1968, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵ Data relate to nonsupervisory employees except messengers.

⁶ Money payments only; tips, not included.

⁷ 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	1970			1969									
	Mar.	Feb.	Jan.	Dec.	Nov.	Oct.	Sept.	Aug.	July	June	May	Apr.	Mar.
EXECUTIVE BRANCH													
Total employment	2,721.7	2,658.3	2,654.1	2,724.9	2,669.2	2,679.6	2,697.3	2,767.2	2,804.5	2,795.9	2,704.5	2,712.0	2,701.9
Average weekly hours	39.0	39.5	39.2	39.6	39.6	39.5	39.3	39.6	39.4	39.4	39.4	39.5	39.5
Average overtime hours . . . . .	.9	1.0	1.0	1.5	1.0	.9	1.0	.9	.8	1.0	1.0	1.0	1.1
Indexes (1965=100):													
Average weekly earnings	127.6	128.9	128.2	130.4	128.7	127.2	126.0	124.7	119.1	117.8	118.9	117.5	117.5
Average hourly earnings	132.5	132.2	132.5	133.3	131.6	130.4	129.8	127.5	123.7	121.1	122.2	120.5	120.5
DEPARTMENT OF DEFENSE													
Total employment	1,057.3	1,069.1	1,075.7	1,083.9	1,091.0	1,102.8	1,111.6	1,142.9	1,167.5	1,162.4	1,125.2	1,128.2	1,129.0
Average weekly hours	40.0	40.0	39.2	39.1	39.8	40.1	39.6	39.8	38.5	40.2	39.9	39.8	40.2
Average overtime hours . . . . .	.8	.8	.8	.8	.8	.8	.9	1.0	.9	1.2	1.0	.8	1.2
Indexes (1965=100):													
Average weekly earnings	130.2	130.2	127.3	128.1	128.4	126.8	125.2	123.8	118.4	118.2	119.9	116.5	117.4
Average hourly earnings	132.7	132.7	132.4	133.6	131.6	129.0	129.0	126.9	125.5	120.0	122.6	119.4	119.1
POST OFFICE DEPARTMENT													
Total employment	713.9	724.8	725.2	793.6	726.1	725.5	726.5	741.0	739.8	736.6	723.1	720.9	718.5
Average weekly hours	38.0	39.1	39.2	40.8	39.7	38.8	38.7	38.7	39.1	38.4	38.5	38.8	38.7
Average overtime hours	1.3	1.4	1.6	3.3	1.5	1.3	1.2	.9	.8	.9	1.1	1.3	1.2
Indexes (1965=100):													
Average weekly earnings	116.3	119.4	120.6	127.2	121.5	118.4	117.8	116.6	117.8	111.1	112.0	113.2	112.6
Average hourly earnings	126.4	126.1	127.1	128.7	126.4	126.1	125.7	124.4	124.4	119.5	120.1	120.5	120.1
OTHER AGENCIES													
Total employment	950.5	864.4	853.2	847.4	852.1	851.3	859.2	883.3	897.2	896.9	856.2	862.9	854.4
Average weekly hours	38.7	39.2	39.2	39.1	39.3	39.3	39.4	40.0	39.6	39.2	39.6	39.8	39.3
Average overtime hours . . . . .	.8	.8	.9	.8	.9	.8	.8	.8	.8	.9	.9	.9	.8
Indexes (1965=100):													
Average weekly earnings	134.1	135.3	135.8	136.0	135.6	135.1	133.8	131.4	122.0	122.9	124.2	122.9	121.9
Average hourly earnings	136.9	136.3	136.9	137.4	136.3	135.8	134.1	129.8	121.7	123.8	123.8	122.0	122.5

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 ¹				
	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
MANUFACTURING	\$3.23	\$3.21	\$3.19	\$3.03	\$3.02
DURABLE GOODS	3.43	3.40	3.38	3.20	3.20
Ordnance and accessories	-	3.49	3.47	3.29	3.29
Lumber and wood products	-	2.77	2.74	2.57	2.53
Furniture and fixtures	-	2.66	2.63	2.50	2.48
Stone, clay, and glass products	-	3.18	3.16	3.00	2.98
Primary metal industries	-	3.76	3.71	3.57	3.57
Fabricated metal products	-	3.36	3.34	3.16	3.15
Machinery, except electrical	-	3.60	3.58	3.38	3.36
Electrical equipment and supplies	-	3.17	3.14	2.97	2.96
Transportation equipment	-	3.89	3.89	3.67	3.68
Instruments and related products	-	3.19	3.18	3.02	3.00
Miscellaneous manufacturing industries	-	2.73	2.72	2.56	2.55
NONDURABLE GOODS	2.95	2.93	2.92	2.77	2.76
Food and kindred products	-	2.99	2.97	2.81	2.81
Tobacco manufactures	-	2.92	2.86	2.69	2.65
Textile mill products	-	2.33	2.32	2.20	2.20
Apparel and other textile products	-	2.33	2.33	2.25	2.24
Paper and allied products	-	3.19	3.18	3.01	2.98
Printing and publishing	(2)	(2)	(2)	(2)	(2)
Chemicals and allied products	-	3.48	3.47	3.30	3.27
Petroleum and coal products	-	4.10	4.08	3.84	3.86
Rubber and plastics products, n e c	-	3.03	3.01	2.89	2.88
Leather and leather products	-	2.43	2.42	2.30	2.30

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

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

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-5: Gross and spendable average weekly earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, in current and 1957-59 dollars**

Industry	Gross average weekly earnings			Spendable average weekly earnings					
	Apr. 1970	Mar. 1970	Apr. 1969	Worker with no dependents			Worker with three dependents		
				Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969
TOTAL PRIVATE:									
Current dollars	\$117.66	\$117.92	\$112.13	\$94.59	\$94.78	\$89.14	\$103.18	\$103.39	\$98.11
1957-59 dollars	87.81	88.53	88.71	70.59	71.16	70.52	77.00	77.62	77.62
MINING:									
Current dollars	163.35	160.27	154.86	128.86	126.43	120.33	139.63	137.09	131.14
1957-59 dollars	121.90	120.32	122.52	96.16	94.92	95.20	104.20	102.92	103.75
CONTRACT CONSTRUCTION:									
Current dollars	192.53	188.23	174.38	151.06	147.88	135.02	163.70	160.15	146.99
1957-59 dollars	143.68	141.31	137.96	112.73	111.02	106.82	122.16	120.23	116.29
MANUFACTURING:									
Current dollars	131.80	132.40	127.58	105.18	105.63	100.48	114.37	114.85	109.95
1957-59 dollars	98.36	99.40	100.93	78.49	79.30	79.49	85.35	86.22	86.99
WHOLESALE AND RETAIL TRADE:									
Current dollars	93.88	93.80	88.96	76.64	76.57	71.85	84.43	84.37	80.20
1957-59 dollars	70.06	70.42	70.38	57.19	57.48	56.84	63.01	63.34	63.45
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	111.81	112.85	106.85	90.21	90.98	85.26	98.56	99.37	94.10
1957-59 dollars	83.44	84.72	84.53	67.32	68.30	67.45	73.55	74.60	74.45

¹For coverage of series, see footnote 1, table B-2.
NOTE: Data for the current month are preliminary.

C-6: Indexes of aggregate weekly man-hours and payrolls in industrial and construction activities¹

Industry	1957-59=100				
	May 1970	Apr. 1970	Mar. 1970	May 1969	Apr. 1969
	Man-hours				
TOTAL	111.3	111.5	112.0	117.7	115.8
MINING	80.9	80.3	77.8	80.5	79.9
CONTRACT CONSTRUCTION	115.8	113.0	105.8	120.3	112.4
MANUFACTURING	112.0	112.8	114.9	119.0	118.3
DURABLE GOODS	116.9	117.5	120.1	125.9	125.4
Ordnance and accessories	160.1	162.0	172.3	215.5	217.2
Lumber and wood products	91.7	87.9	87.7	96.6	93.1
Furniture and fixtures	115.6	118.7	121.9	129.5	129.0
Stone, clay, and glass products	106.1	107.6	106.4	113.4	111.8
Primary metal industries	107.2	108.1	110.2	114.9	114.7
Fabricated metal products	121.2	123.1	125.1	130.5	129.0
Machinery, except electrical	130.2	134.7	138.4	138.5	139.5
Electrical equipment and supplies	135.8	138.2	141.7	146.5	145.0
Transportation equipment	110.6	106.3	110.5	119.3	120.1
Instruments and related products	126.7	127.2	128.9	131.6	130.9
Miscellaneous manufacturing industries	101.7	103.1	103.9	108.4	107.8
NONDURABLE GOODS	105.6	106.6	108.2	110.1	109.0
Food and kindred products	91.2	89.8	91.3	91.6	89.5
Tobacco manufactures	67.6	65.8	67.0	67.0	64.4
Textile mill products	99.2	101.0	101.7	106.1	105.4
Apparel and other textile products	111.2	112.1	115.5	117.5	116.3
Paper and allied products	116.2	117.2	118.4	119.6	118.5
Printing and publishing	117.9	119.3	120.5	118.4	118.7
Chemicals and allied products	121.1	123.0	123.8	125.8	126.9
Petroleum and coal products	81.0	81.0	80.0	83.4	82.6
Rubber and plastics products, nec.	145.7	157.4	159.8	165.9	164.3
Leather and leather products	84.6	83.4	85.9	90.5	88.1
	Payrolls				
MINING	123.3	122.0	118.1	115.5	114.3
CONTRACT CONSTRUCTION	208.9	203.3	189.7	201.2	185.2
MANUFACTURING	177.4	177.3	180.0	178.1	176.3

¹For mining and manufacturing, data refer to production and related workers; for contract-construction, data relate to construction workers.
NOTE: Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED HOURS

**C-7: Average weekly hours of production or nonsupervisory workers¹
on private nonagricultural payrolls, seasonally adjusted**

Industry	May 1970	Apr. 1970	Mar. 1970	Feb. 1970	Jan. 1970	Dec 1969	Nov. 1969	Oct. 1969	Sept. 1969	Aug. 1969	July 1969	June 1969	May 1969
TOTAL PRIVATE	37.2	37.3	37.4	37.3	37.5	37.6	37.6	37.5	37.7	37.7	37.7	37.7	37.8
MINING	43.1	43.1	43.2	43.4	42.7	43.2	43.5	43.0	43.1	43.1	42.6	41.8	43.3
CONTRACT CONSTRUCTION	38.2	38.3	38.0	38.2	36.7	38.2	38.1	37.6	38.1	37.9	37.6	37.6	38.2
MANUFACTURING	39.9	40.0	40.2	39.9	40.3	40.7	40.5	40.5	40.7	40.6	40.6	40.7	40.7
<i>Overtime hours</i>	2.9	3.0	3.2	3.2	3.3	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7
DURABLE GOODS	40.5	40.4	40.7	40.5	41.0	41.3	41.1	41.2	41.4	41.2	41.3	41.3	41.4
<i>Overtime hours</i>	3.0	3.0	3.2	3.2	3.4	3.6	3.5	3.6	3.8	3.8	3.8	3.9	3.8
Ordnance and accessories	40.8	41.1	41.1	41.3	40.6	40.5	40.3	40.2	40.3	40.4	40.3	40.7	40.5
Lumber and wood products	40.3	39.9	39.5	40.1	39.6	40.3	40.2	39.9	40.0	39.9	39.8	40.1	40.3
Furniture and fixtures	39.1	39.3	39.4	39.3	39.5	40.0	40.0	39.9	40.1	40.3	40.2	40.6	40.8
Stone, clay, and glass products	41.2	41.5	41.8	41.7	41.7	42.1	41.8	41.7	41.9	41.9	41.7	41.9	42.1
Primary metal industries	40.4	40.1	40.7	40.9	41.2	41.7	41.6	42.1	42.1	41.9	41.7	41.7	41.7
Fabricated metal products	40.6	41.0	41.2	41.1	41.4	41.5	41.4	41.4	41.5	41.6	41.6	41.7	41.6
Machinery, except electrical	40.9	41.5	41.8	41.9	42.2	42.6	42.2	42.4	42.6	42.5	42.4	42.5	42.6
Electrical equipment and supplies	39.8	40.0	40.2	39.7	40.5	40.3	40.1	40.2	40.4	40.4	40.4	40.6	40.6
Transportation equipment	40.9	39.8	40.4	40.3	40.2	41.4	40.7	41.2	41.6	41.2	42.1	41.6	41.2
Instruments and related products	40.5	40.5	40.7	40.2	40.7	40.9	40.9	40.7	41.0	40.9	40.9	40.9	40.8
Miscellaneous manufacturing industries	38.7	39.0	39.0	38.6	39.3	39.3	38.9	38.9	39.0	39.1	39.2	39.1	39.1
NONDURABLE GOODS	39.1	39.3	39.4	39.3	39.6	39.8	39.6	39.6	39.7	39.7	39.8	39.7	39.8
<i>Overtime hours</i>	2.9	3.0	3.2	3.2	3.4	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4
Food and kindred products	40.7	40.5	40.5	40.7	41.0	40.8	40.8	40.6	40.9	40.9	40.7	40.7	40.7
Tobacco manufactures	39.2	38.3	37.5	37.3	38.3	36.2	37.2	37.3	37.4	37.2	38.0	39.3	37.9
Textile mill products	39.8	40.6	40.2	40.1	40.4	40.9	40.7	40.6	40.7	40.9	41.1	41.1	41.0
Apparel and other textile products	35.2	35.5	35.6	35.5	35.6	36.0	35.8	35.8	35.8	35.9	36.0	36.1	36.1
Paper and allied products	42.0	42.1	42.2	42.3	42.8	42.8	42.7	42.8	42.9	42.9	43.0	43.0	43.0
Printing and publishing	37.7	37.9	38.0	38.0	38.2	38.6	38.4	38.2	38.3	38.4	38.5	38.4	38.4
Chemicals and allied products	41.3	41.4	41.8	41.8	42.0	41.8	41.8	41.7	41.8	41.8	41.8	41.8	41.8
Petroleum and coal products	41.8	41.8	42.2	42.7	42.5	42.3	42.6	42.6	42.2	42.8	42.8	42.3	43.0
Rubber and plastics products, nec	39.8	40.6	40.7	41.0	40.9	41.1	40.8	40.9	41.0	40.9	41.2	41.3	41.3
Leather and leather products	37.3	37.4	37.4	37.1	37.5	37.7	37.3	37.2	37.1	36.9	37.1	37.4	37.5
TRANSPORTATION AND PUBLIC UTILITIES ..	40.5	40.1	40.6	40.7	40.7	40.8	40.7	40.9	40.8	40.5	40.7	40.6	40.7
WHOLESALE AND RETAIL TRADE	35.4	35.3	35.3	35.4	35.4	35.5	35.5	35.5	35.6	35.7	35.7	35.7	35.8
WHOLESALE TRADE	40.2	40.1	40.1	40.2	40.3	40.5	40.3	40.3	40.3	40.3	40.0	40.0	40.2
RETAIL TRADE	33.8	33.7	33.8	33.7	33.8	33.8	34.0	34.0	34.1	34.2	34.2	34.3	34.3
FINANCE, INSURANCE, AND REAL ESTATE ...	36.8	36.9	37.0	37.0	36.9	36.9	37.2	37.0	37.1	37.0	37.1	37.1	37.1
SERVICES	34.6	34.6	34.7	34.4	34.4	34.6	34.7	34.6	34.7	35.0	35.0	34.7	34.7

¹For 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 activities¹
seasonally adjusted

1957-59=100

Industry	May 1970	Apr. 1970	Mar. 1970	Feb. 1970	Jan. 1970	Dec. 1969	Nov. 1969	Oct. 1969	Sept. 1969	Aug. 1969	July 1969	June 1969	May 1969
TOTAL	112.1	114.1	115.5	115.6	115.4	117.8	117.1	117.9	118.7	118.4	118.6	118.6	118.6
MINING	80.6	81.1	81.6	82.2	80.9	81.8	82.0	81.1	81.5	81.1	79.7	77.3	80.1
CONTRACT CONSTRUCTION	116.1	119.6	120.6	121.1	113.4	122.5	121.4	118.8	120.1	118.9	119.0	118.8	120.7
MANUFACTURING	112.9	114.7	116.3	116.1	117.5	118.7	118.1	119.6	120.3	120.2	120.5	120.6	120.1
DURABLE GOODS	117.1	118.6	120.8	120.0	121.8	124.1	123.3	126.4	127.1	126.6	127.0	127.1	126.3
Ordnance and accessories	161.9	164.2	174.6	180.1	178.2	186.9	190.5	192.3	197.3	205.7	212.0	215.3	217.7
Lumber and wood products	91.0	89.5	90.1	92.1	92.4	94.2	93.6	92.6	93.7	93.8	93.6	95.2	96.0
Furniture and fixtures	118.3	122.0	123.6	123.3	125.5	127.4	127.7	128.7	129.4	130.3	130.0	131.6	132.6
Stone, clay, and glass products	105.8	108.5	110.5	111.3	110.9	113.5	112.5	112.2	112.7	112.3	111.5	112.9	112.6
Primary metal industries	105.5	106.5	109.6	111.1	113.4	116.5	116.8	118.6	118.0	116.0	114.6	114.4	113.2
Fabricated metal products	121.6	125.2	126.9	126.9	129.0	130.5	129.7	129.8	131.2	131.4	131.3	131.3	131.0
Machinery, except electrical	129.9	133.8	136.2	136.5	137.7	139.8	137.8	139.1	139.3	137.8	138.1	138.8	138.3
Electrical equipment and supplies	138.2	141.5	143.0	140.8	135.7	136.0	136.3	148.5	148.5	148.1	148.9	148.9	149.1
Transportation equipment	109.9	107.4	110.4	104.7	112.0	116.9	116.1	121.7	123.6	122.8	125.0	123.3	119.8
Instruments and related products	127.8	128.3	128.9	127.3	128.9	130.9	130.9	130.7	132.1	132.7	132.7	132.7	132.8
Miscellaneous manufacturing industries	103.0	106.1	108.0	108.1	110.1	112.7	107.1	108.7	108.6	109.2	110.8	110.2	109.8
NONDURABLE GOODS	107.5	109.7	110.4	110.8	111.9	111.8	111.4	110.7	111.4	111.8	112.1	112.2	112.0
Food and kindred products	97.0	97.7	99.0	100.0	99.5	98.0	98.1	95.4	97.8	97.9	96.9	96.9	97.2
Tobacco manufactures	80.1	78.2	76.6	76.2	78.2	70.6	76.0	77.3	78.7	81.6	78.8	81.5	79.7
Textile mill products	99.9	103.1	102.2	102.7	104.8	105.6	104.9	104.6	105.1	105.6	107.2	107.2	106.8
Apparel and other textile products	111.4	113.5	114.2	114.1	116.0	116.9	115.8	115.9	116.0	116.6	117.4	118.0	118.1
Paper and allied products	117.3	119.5	120.2	120.2	121.9	121.7	120.7	121.0	121.3	120.9	121.1	121.1	120.7
Printing and publishing	118.7	120.0	120.5	120.5	121.3	122.6	121.8	121.0	120.6	120.5	120.5	120.0	118.9
Chemicals and allied products	120.6	121.6	123.4	124.0	125.2	124.8	124.6	124.3	125.0	125.4	125.8	126.0	125.4
Petroleum and coal products	80.8	81.5	82.9	83.9	83.5	82.4	83.0	83.0	82.2	83.4	83.4	82.4	83.1
Rubber and plastics products, nec	147.4	160.3	162.1	163.7	165.1	165.2	164.7	165.5	166.6	166.5	168.1	168.5	167.4
Leather and leather products	86.1	87.2	86.9	86.5	88.7	89.5	88.2	88.3	87.1	89.4	90.2	91.2	91.8

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

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

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 ¹		Real compensation per man-hour ²		Unit labor costs	
	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm	Private	Private nonfarm
1967: 1st Quarter	146.4	148.2	110.6	115.5	132.4	128.3	147.9	143.5	129.0	125.2	111.7	111.9
2d Quarter	147.2	148.9	109.6	114.9	134.4	129.6	150.3	145.5	130.1	126.0	111.9	112.3
3d Quarter	148.9	150.7	110.3	115.3	134.9	130.6	152.2	147.6	130.4	126.4	112.9	113.0
4th Quarter	150.2	152.1	110.9	116.0	135.4	131.1	154.3	149.7	131.1	127.2	114.0	114.2
Annual average	148.2	150.0	110.4	115.4	134.3	129.9	151.2	146.6	130.1	126.2	112.6	112.9
1968: 1st Quarter	152.4	154.3	111.2	116.4	137.0	132.6	158.5	153.6	133.3	129.2	115.7	115.9
2d Quarter	155.2	157.5	112.2	117.5	138.3	134.1	160.8	155.7	133.7	129.4	116.3	116.1
3d Quarter	156.7	159.0	112.7	118.3	139.0	134.4	163.7	158.1	134.5	129.8	117.8	117.6
4th Quarter	158.1	160.6	112.6	118.3	140.4	135.8	167.8	162.0	136.3	131.5	119.6	119.4
Annual average	155.6	157.9	112.2	117.6	138.7	134.2	162.7	157.4	134.4	130.0	117.4	117.3
1969: 1st Quarter	159.1	161.5	113.7	119.6	139.9	135.0	170.5	164.4	136.7	131.8	121.8	121.8
2d Quarter	159.9	162.3	114.6	120.7	139.5	134.5	172.7	166.5	136.2	131.3	123.8	123.8
3d Quarter	160.8	163.1	115.0	121.4	139.8	134.4	175.8	169.1	136.8	131.5	125.8	125.8
4th Quarter	160.5	163.2	114.3	121.0	140.3	134.9	179.4	172.2	137.6	132.1	127.8	125.7
Annual average	160.1	162.5	114.4	120.6	139.9	134.7	174.7	168.1	136.9	131.7	124.9	124.8
1970: 1st Quarter	159.7	162.2	114.0	120.6	140.1	134.5	182.7	175.2	138.0	132.3	130.4	130.3
2d Quarter												
3d Quarter												
4th Quarter												
Annual average												
Percent change over previous quarter at annual rate ³												
1967: 1st Quarter	- 1.4	- 2.2	0.0	- 0.3	- 1.4	- 1.9	3.9	4.9	3.2	4.1	5.3	6.9
2d Quarter	2.3	1.9	- 3.7	- 2.1	6.2	4.1	6.7	5.5	3.7	2.6	0.5	1.4
3d Quarter	4.5	4.8	2.9	1.7	1.5	3.0	5.2	5.8	0.9	1.6	3.6	2.7
4th Quarter	3.6	3.9	2.1	2.4	1.5	1.5	5.6	5.9	2.1	2.3	4.1	4.4
1968: 1st Quarter	6.0	6.0	1.0	1.2	4.9	4.8	11.3	10.9	6.8	6.5	6.0	5.9
2d Quarter	7.4	8.4	3.5	3.8	3.8	4.5	6.0	5.5	1.1	0.7	2.1	1.0
3d Quarter	4.1	4.0	1.9	2.8	2.1	1.1	7.5	6.4	2.3	1.3	5.3	5.3
4th Quarter	3.5	4.0	- 0.3	0.0	3.8	4.0	10.4	10.3	5.5	5.4	6.3	6.0
1969: 1st Quarter	2.6	2.2	3.8	4.6	- 1.2	- 2.3	6.4	5.8	1.4	0.8	7.6	8.3
2d Quarter	1.9	2.0	3.2	3.5	- 1.3	- 1.4	5.4	5.4	- 1.4	- 1.4	6.8	6.9
3d Quarter	2.2	2.0	1.3	2.4	0.8	- 0.4	7.4	6.2	1.5	0.4	6.5	6.6
4th Quarter	- 0.7	0.2	- 2.3	- 1.3	1.6	1.5	8.3	7.6	2.4	1.8	6.6	6.0
1970: 1st Quarter	- 1.9	- 2.4	- 1.3	- 1.2	- 0.6	- 1.2	7.7	7.1	1.4	0.8	8.4	8.4
2d Quarter												
3d Quarter												
4th Quarter												
Percent change over previous year ⁴												
Year ending -												
1969: 1st Quarter	4.4	4.6	2.2	2.8	2.1	1.8	7.6	7.0	2.6	2.0	5.3	5.1
2d Quarter	3.0	3.0	2.2	2.7	0.8	0.3	7.4	7.0	1.9	1.5	6.5	6.6
3d Quarter	2.6	2.6	2.0	2.6	0.5	- 0.0	7.4	6.9	1.7	1.3	6.8	7.0
4th Quarter	1.5	1.6	1.5	2.3	0.0	- 0.7	6.9	6.2	1.0	0.4	6.9	6.9
1970: 1st Quarter	0.4	0.4	0.2	0.8	0.1	- 0.4	7.2	6.6	1.0	0.4	7.1	7.0
2d Quarter												
3d Quarter												
4th Quarter												

¹ 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.

² Compensation per man-hour adjusted for changes in the consumer price index.

³ Percent change computed from original data.

⁴ Current quarter divided by comparable quarter a year ago.

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		
	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969
ALABAMA	\$113.77	\$113.24	\$110.95	40.2	40.3	41.4	\$2.83	\$2.81	\$2.68
Birmingham	136.20	136.04	131.14	40.9	41.1	41.5	3.33	3.31	3.16
Mobile	136.12	130.73	139.73	41.5	41.9	44.5	3.28	3.12	3.14
ALASKA	(*)	204.10	181.03	(*)	41.4	39.1	(*)	4.93	4.63
ARIZONA	130.54	129.82	125.26	39.8	39.7	40.8	3.28	3.27	3.07
Phoenix	129.75	130.81	126.58	39.2	39.4	40.7	3.31	3.32	3.11
Tucson	133.24	132.51	128.03	40.5	40.4	41.3	3.29	3.28	3.10
ARKANSAS	95.80	96.04	93.26	39.1	39.2	40.2	2.45	2.45	2.32
Fort Smith	90.48	90.20	88.48	37.7	37.9	39.5	2.40	2.38	2.24
Little Rock-North Little Rock	102.44	100.36	99.31	39.1	38.9	40.7	2.62	2.58	2.44
Pine Bluff	123.32	121.60	128.60	40.3	40.0	43.3	3.06	3.04	2.97
CALIFORNIA	148.13	148.83	143.16	39.5	39.9	40.1	3.75	3.73	3.57
Anaheim-Santa Ana-Garden Grove	151.03	150.63	143.97	40.6	40.6	40.9	3.72	3.71	3.52
Bakersfield	151.13	152.25	143.32	40.3	40.6	40.6	3.75	3.75	3.53
Fresno	127.65	125.90	123.09	38.8	38.5	39.2	3.29	3.27	3.14
Los Angeles-Long Beach	142.60	144.00	140.54	39.5	40.0	40.5	3.61	3.60	3.47
Modesto-Turlock	127.84	130.47	121.72	37.6	38.6	37.8	3.40	3.38	3.22
Oxnard-Ventura	129.70	131.32	127.92	38.6	39.2	40.1	3.36	3.35	3.19
Sacramento	150.78	156.65	149.38	37.6	38.3	38.5	4.01	4.09	3.88
Salinas-Monterey	126.48	125.51	120.80	37.2	38.5	37.4	3.40	3.26	3.23
San Bernardino-Riverside-Ontario	144.18	144.54	143.15	39.5	39.6	40.9	3.65	3.65	3.50
San Diego	162.39	162.01	155.17	39.9	40.2	40.2	4.07	4.03	3.86
San Francisco-Oakland	163.38	162.63	155.61	38.9	39.0	39.0	4.20	4.17	3.99
San Jose	156.42	156.42	151.53	39.5	39.7	40.3	3.96	3.94	3.76
Santa Barbara	135.33	138.17	132.10	39.0	40.4	38.4	3.47	3.42	3.44
Santa Rosa	144.23	138.60	128.90	39.3	38.5	37.8	3.67	3.60	3.41
Stockton	144.76	148.16	139.98	38.5	39.3	39.1	3.76	3.77	3.58
Vallejo-Napa	148.21	142.88	146.30	38.9	38.1	38.5	3.81	3.75	3.80
COLORADO	140.00	138.60	137.03	40.0	39.6	41.4	3.50	3.50	3.31
Denver	143.87	143.51	138.17	40.3	40.2	41.0	3.57	3.57	3.37
CONNECTICUT	140.08	139.59	135.66	41.2	41.3	42.0	3.40	3.38	3.23
Bridgeport	143.03	144.07	137.99	41.1	41.4	42.2	3.48	3.48	3.27
Hartford	150.72	149.94	146.38	42.1	42.0	42.8	3.58	3.57	3.42
New Britain	141.78	144.93	137.99	41.7	42.5	42.2	3.40	3.41	3.27
New Haven	139.94	137.97	136.36	40.8	40.7	41.7	3.43	3.39	3.27
Stamford	152.22	154.73	142.64	42.4	43.1	42.2	3.59	3.59	3.38
Waterbury	131.29	131.65	127.14	40.9	41.4	42.1	3.21	3.18	3.02
DELAWARE	130.59	134.06	128.64	39.1	39.9	40.2	3.34	3.36	3.20
Wilmington	144.91	147.57	141.86	39.7	40.1	40.3	3.65	3.68	3.52
DISTRICT OF COLUMBIA :									
Washington SMSA	(*)	143.96	138.60	(*)	38.7	39.6	(*)	3.72	3.50
FLORIDA	(*)	116.60	110.80	(*)	41.2	41.5	(*)	2.83	2.67
Fort Lauderdale-Hollywood	(*)	122.70	109.75	(*)	40.9	40.8	(*)	3.00	2.69
Jacksonville	(*)	115.87	110.16	(*)	40.8	40.5	(*)	2.84	2.72
Miami	(*)	110.28	103.17	(*)	40.1	40.3	(*)	2.75	2.56
Orlando	(*)	118.28	115.78	(*)	41.5	43.2	(*)	2.85	2.68
Pensacola	(*)	135.38	130.48	(*)	41.4	42.5	(*)	3.27	3.07
Tampa-St. Petersburg	(*)	122.13	115.50	(*)	41.4	42.0	(*)	2.95	2.75
West Palm Beach	(*)	136.53	118.84	(*)	43.9	40.7	(*)	3.11	2.92
GEORGIA	104.41	105.86	100.37	39.7	40.1	40.8	2.63	2.64	2.46
Atlanta	126.67	130.26	124.57	38.5	39.0	39.8	3.29	3.34	3.13
Savannah	129.69	131.86	126.72	41.7	42.4	42.1	3.11	3.11	3.01
HAWAII	130.57	127.79	123.42	40.3	39.2	40.6	3.24	3.26	3.04
Honolulu	133.33	127.92	123.93	40.9	39.0	40.5	3.26	3.28	3.06
IDAHO	118.44	121.66	115.14	37.6	38.5	38.9	3.15	3.16	2.96
ILLINOIS	144.66	146.24	139.35	39.9	40.6	40.8	3.62	3.60	3.42
Chicago	(*)	148.28	141.09	(*)	40.7	40.9	(*)	3.64	3.45
Davenport-Rock Island-Moline	(*)	163.24	156.71	(*)	40.3	40.7	(*)	4.05	3.85

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		
	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969
ILLINOIS (continued)									
Peoria	(*)	\$167.84	\$159.27	(*)	41.5	41.7	(*)	\$4.04	\$3.82
Rockford	(*)	144.49	140.52	(*)	40.9	41.9	(*)	3.53	3.35
INDIANA	\$145.70	146.73	143.44	39.7	40.2	41.1	\$3.67	3.65	3.49
Indianapolis	(*)	147.86	141.64	(*)	40.4	40.7	(*)	3.66	3.48
IOWA	144.87	144.08	135.20	39.8	39.8	40.0	3.64	3.62	3.38
Cedar Rapids	148.88	146.88	138.53	40.9	40.8	41.6	3.64	3.60	3.33
Des Moines	150.11	148.95	140.13	39.4	39.3	39.2	3.81	3.79	3.57
Dubuque	163.20	155.66	140.99	38.4	37.6	37.2	4.25	4.14	3.79
Sioux City	126.49	124.34	127.87	38.8	39.6	42.2	3.26	3.14	3.03
Waterloo	162.00	160.39	148.22	40.0	39.8	38.7	4.05	4.03	3.83
KANSAS	131.96	131.15	128.68	42.0	41.9	42.2	3.14	3.13	3.05
Topeka	151.25	154.82	144.16	44.6	45.3	43.8	3.39	3.42	3.29
Wichita	140.62	137.57	131.63	42.3	42.0	41.7	3.33	3.28	3.16
KENTUCKY	126.94	127.04	121.81	39.3	39.7	40.2	3.23	3.20	3.03
Louisville	141.99	142.96	134.60	38.9	39.6	39.5	3.65	3.61	3.41
LOUISIANA	135.85	132.68	129.58	41.8	40.7	41.8	3.25	3.26	3.10
Baton Rouge	160.40	158.42	153.61	42.1	41.8	42.2	3.81	3.79	3.64
New Orleans	133.98	134.46	129.88	40.6	40.5	41.1	3.30	3.32	3.16
Shreveport	119.88	118.96	121.41	40.5	40.6	42.6	2.96	2.93	2.85
MAINE	105.34	106.13	100.50	39.9	39.9	40.2	2.64	2.66	2.50
Lewiston-Auburn	88.19	85.79	84.13	36.9	36.2	36.9	2.39	2.37	2.28
Portland	111.32	111.76	107.94	39.9	40.2	41.2	2.79	2.78	2.62
MARYLAND	133.39	134.00	128.47	39.7	40.0	40.4	3.36	3.35	3.18
Baltimore	137.71	138.40	133.17	39.8	40.0	40.6	3.46	3.46	3.28
MASSACHUSETTS	125.69	124.90	119.70	39.4	39.4	39.9	3.19	3.17	3.00
Boston	135.98	135.54	128.30	39.3	39.4	39.6	3.46	3.44	3.24
Brockton	111.13	107.16	104.12	37.8	36.7	38.0	2.94	2.92	2.74
Fall River	93.72	95.14	92.46	35.1	35.9	36.4	2.67	2.65	2.54
Lawrence-Haverhill	118.99	120.66	111.32	40.2	40.9	39.9	2.96	2.95	2.79
Lowell	108.29	108.29	105.57	37.9	38.4	39.1	2.87	2.82	2.70
New Bedford	100.50	100.66	99.85	37.5	37.7	38.7	2.68	2.67	2.58
Springfield-Chicopee-Holyoke	127.76	127.68	123.42	39.8	39.9	40.6	3.21	3.20	3.04
Worcester	129.36	131.27	125.42	39.2	39.9	40.2	3.30	3.29	3.12
MICHIGAN	166.61	166.83	163.46	40.4	40.6	41.7	4.12	4.11	3.92
Ann Arbor	159.13	161.32	170.32	38.7	39.5	42.4	4.11	4.08	4.02
Battle Creek	165.24	172.31	163.11	41.8	43.1	43.6	3.95	4.00	3.74
Bay City	154.71	155.83	151.46	36.6	41.4	42.2	4.23	3.76	3.59
Detroit	174.59	176.89	171.06	40.2	40.9	41.4	4.34	4.33	4.13
Flint	192.28	184.62	186.12	41.7	40.8	41.9	4.61	4.53	4.44
Grand Rapids	146.45	146.24	144.95	40.1	40.1	41.7	3.65	3.65	3.48
Jackson	154.16	160.47	151.64	38.3	39.7	40.0	4.03	4.04	3.79
Kalamazoo	168.38	168.31	155.81	42.9	43.2	43.1	3.93	3.90	3.62
Lansing	171.94	169.71	165.83	39.8	39.8	42.1	4.32	4.26	3.94
Muskegon-Muskegon Heights	138.75	149.58	148.30	37.1	40.2	43.4	3.74	3.72	3.42
Saginaw	177.33	168.22	172.90	40.7	39.6	42.1	4.36	4.25	4.11
MINNESOTA	138.75	138.63	134.49	40.0	40.4	41.2	3.47	3.43	3.26
Duluth-Superior	126.89	125.76	119.63	40.0	39.8	38.1	3.17	3.16	3.14
Minneapolis-St. Paul	144.34	146.57	141.97	40.0	40.5	42.0	3.61	3.62	3.38
MISSISSIPPI	94.56	94.88	94.19	39.4	39.7	40.6	2.40	2.39	2.32
Jackson	98.09	94.72	90.09	40.7	39.8	40.4	2.41	2.38	2.23
MISSOURI	123.17	131.66	122.85	37.1	39.3	39.0	3.32	3.35	3.15
Kansas City	128.63	129.68	126.14	39.7	39.9	40.3	3.24	3.25	3.13
St. Joseph	139.53	142.62	133.92	41.9	42.7	43.2	3.33	3.34	3.10
St. Louis	136.86	150.40	139.48	36.4	40.0	39.4	3.76	3.76	3.54
Springfield	106.88	107.24	102.04	37.9	38.3	38.8	2.82	2.80	2.63
MONTANA	142.84	140.94	133.96	39.9	39.7	39.4	3.58	3.55	3.40
NEBRASKA	130.02	129.04	124.38	41.6	41.7	42.3	3.12	3.09	2.94
Lincoln	124.86	128.58	-	40.9	41.6	-	3.06	3.09	-
Omaha	132.98	132.59	128.03	41.2	41.3	41.9	3.22	3.21	3.05

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		
	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969
NEVADA.....	\$160.00	\$158.40	\$155.63	40.0	39.6	39.3	\$4.00	\$4.00	\$3.96
NEW HAMPSHIRE.....	106.81	106.31	101.52	38.7	38.8	39.5	2.76	2.74	2.57
Manchester.....	97.64	97.02	89.86	37.7	37.9	37.6	2.59	2.56	2.39
NEW JERSEY.....	137.30	137.57	131.61	40.5	40.7	41.0	3.39	3.38	3.21
Atlantic City.....	107.53	106.08	103.22	39.1	39.0	39.7	2.75	2.72	2.60
Camden ²	136.12	136.62	132.52	39.8	40.3	40.9	3.42	3.39	3.24
Jersey City ³	140.82	143.94	136.78	40.7	41.6	41.7	3.46	3.46	3.28
Newark ³	135.83	136.51	131.78	39.6	39.8	40.8	3.43	3.43	3.23
Paterson-Clifton-Passaic ³	133.51	133.39	132.99	39.5	39.7	41.3	3.38	3.36	3.22
Perth Amboy ³	138.80	139.26	138.02	40.0	40.6	41.2	3.47	3.43	3.35
Trenton.....	130.08	130.99	124.11	38.6	39.1	39.4	3.37	3.35	3.15
NEW MEXICO.....	100.23	100.00	100.33	37.4	36.9	39.5	2.68	2.71	2.54
Albuquerque.....	111.27	110.29	109.05	38.5	37.9	39.8	2.89	2.91	2.74
NEW YORK.....	132.99	133.23	126.72	39.0	39.3	39.6	3.41	3.39	3.20
Albany-Schenectady-Troy.....	145.48	143.96	136.53	40.3	40.1	41.0	3.61	3.59	3.33
Binghamton.....	136.54	139.50	126.63	41.5	42.4	40.2	3.29	3.29	3.15
Buffalo.....	154.00	154.33	152.77	40.0	40.4	41.4	3.85	3.82	3.69
Elmira.....	125.37	125.29	119.99	39.3	39.4	39.6	3.19	3.18	3.03
Monroe County ⁴	160.70	161.44	149.65	41.1	41.5	41.0	3.91	3.89	3.65
Nassau and Suffolk Counties ⁵	136.12	134.52	127.35	39.8	39.8	40.3	3.42	3.38	3.16
New York-Northeastern New Jersey.....	131.53	131.43	125.61	38.8	39.0	39.5	3.39	3.37	3.18
New York SMSA ³	127.68	127.92	120.51	38.0	38.3	38.5	3.36	3.34	3.13
New York City ⁵	125.96	126.59	118.94	37.6	37.9	38.0	3.35	3.34	3.13
Rochester.....	156.62	156.53	145.96	41.0	41.3	41.0	3.82	3.79	3.56
Rockland County ⁵	132.92	134.81	129.05	40.4	41.1	41.9	3.29	3.28	3.08
Syracuse.....	141.05	143.50	136.86	40.3	41.0	41.1	3.50	3.50	3.33
Utica-Rome.....	124.73	126.56	121.20	39.1	39.8	40.4	3.19	3.18	3.00
Westchester County ⁶	131.43	130.14	124.43	39.0	39.2	39.5	3.37	3.32	3.15
NORTH CAROLINA.....	97.02	96.38	91.31	39.6	39.5	39.7	2.45	2.44	2.30
Asheville.....	93.77	92.67	89.65	39.4	39.1	40.2	2.38	2.37	2.23
Charlotte.....	101.45	102.11	97.68	40.1	40.2	40.7	2.53	2.54	2.40
Greensboro-Winston-Salem-High Point.....	106.47	105.69	97.52	39.0	39.0	38.7	2.73	2.71	2.52
Raleigh.....	101.09	100.05	95.41	39.8	39.7	40.6	2.54	2.52	2.35
NORTH DAKOTA.....	116.36	112.00	109.10	39.6	38.8	39.8	2.94	2.89	2.74
Fargo-Moorhead.....	135.98	119.08	124.10	39.9	37.8	39.2	3.41	3.15	3.17
OHIO.....	150.02	151.88	149.70	39.9	40.5	41.7	3.76	3.75	3.59
Akron.....	165.65	162.81	163.41	40.8	40.3	41.9	4.06	4.04	3.90
Canton.....	152.15	150.63	150.65	40.9	40.6	42.2	3.72	3.71	3.57
Cincinnati.....	140.18	140.14	135.05	39.6	39.7	41.3	3.54	3.53	3.27
Cleveland.....	150.86	154.66	158.84	39.7	40.7	42.7	3.80	3.80	3.72
Columbus.....	139.91	143.51	138.51	39.3	40.2	40.5	3.56	3.57	3.42
Dayton.....	171.39	172.64	171.65	41.1	41.4	42.7	4.17	4.17	4.02
Toledo.....	156.81	159.94	163.97	39.9	40.8	42.7	3.93	3.92	3.84
Youngstown-Warren.....	155.24	155.63	153.50	39.3	39.3	40.5	3.95	3.96	3.79
OKLAHOMA.....	123.93	123.32	119.60	40.5	40.3	41.1	3.06	3.06	2.91
Oklahoma City.....	123.19	122.29	115.06	41.2	40.9	40.8	2.99	2.99	2.82
Tulsa.....	137.02	137.02	130.92	40.9	40.9	41.3	3.35	3.35	3.17
OREGON.....	144.36	143.22	137.94	38.6	38.5	39.3	3.74	3.72	3.51
Eugene.....	152.06	148.99	139.00	39.6	38.9	39.6	3.84	3.83	3.51
Portland.....	142.86	142.85	138.41	38.3	38.4	39.1	3.73	3.72	3.54
PENNSYLVANIA.....	129.69	130.28	125.60	39.3	39.6	40.0	3.30	3.29	3.14
Allentown-Bethlehem-Easton.....	128.25	128.51	119.20	39.1	39.3	38.7	3.28	3.27	3.08
Altoona.....	108.01	109.03	110.29	38.3	38.8	40.4	2.82	2.81	2.73
Erie.....	137.97	138.10	136.21	40.7	41.1	42.3	3.39	3.36	3.22
Harrisburg.....	123.41	124.64	113.83	40.2	40.6	39.8	3.07	3.07	2.86
Johnstown.....	125.51	130.34	125.87	36.7	38.0	37.8	3.42	3.43	3.33
Lancaster.....	121.60	122.11	113.88	40.0	40.3	40.1	3.04	3.03	2.84
Philadelphia.....	138.16	137.31	132.73	39.7	39.8	40.1	3.48	3.45	3.31
Pittsburgh.....	151.07	152.59	146.47	40.5	40.8	40.8	3.73	3.74	3.59
Reading.....	124.31	122.71	116.18	40.1	40.1	40.2	3.10	3.06	2.89
Scranton.....	99.55	99.28	98.05	36.2	36.5	38.3	2.75	2.72	2.56
Wilkes-Barre-Hazleton.....	98.74	98.28	91.98	36.3	36.4	36.5	2.72	2.70	2.52
York.....	120.25	122.25	117.88	40.9	41.3	42.1	2.94	2.96	2.80

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		
	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969	Apr. 1970	Mar. 1970	Apr. 1969
RHODE ISLAND	\$111.39	\$111.90	\$105.86	39.5	39.4	40.1	\$2.82	\$2.84	\$2.64
Providence-Pawtucket-Warwick	112.12	112.46	107.33	39.9	39.6	40.2	2.81	2.84	2.67
SOUTH CAROLINA	99.94	100.60	95.47	40.3	40.4	40.8	2.48	2.49	2.34
Charleston	120.77	118.84	117.70	40.8	40.7	42.8	2.96	2.92	2.75
Greenville	98.00	98.98	93.84	40.0	40.4	40.8	2.45	2.45	2.30
SOUTH DAKOTA	131.72	126.13	112.95	44.2	42.9	40.4	2.98	2.94	2.80
Sioux Falls	156.96	144.38	128.64	48.0	44.7	41.9	3.27	3.23	3.07
TENNESSEE	106.52	106.13	103.31	39.6	39.6	40.2	2.69	2.68	2.57
Chattanooga	115.60	114.62	113.15	40.0	39.8	40.7	2.89	2.88	2.78
Knoxville	(*)	119.38	115.30	(*)	39.4	40.6	(*)	3.03	2.84
Memphis	120.36	116.80	114.54	40.8	40.0	41.2	2.95	2.92	2.78
Nashville	114.84	114.26	112.84	39.6	39.4	40.3	2.90	2.90	2.80
TEXAS	127.17	127.70	123.49	40.5	40.8	41.3	3.14	3.13	2.99
Amarillo	110.12	108.38	108.41	39.9	39.7	40.3	2.76	2.73	2.69
Austin	(*)	113.02	99.05	(*)	41.4	40.1	(*)	2.73	2.47
Beaumont-Porr Arthur-Orange	167.26	168.51	163.15	40.5	41.0	41.2	4.13	4.11	3.96
Corpus Christi	(*)	157.91	143.90	(*)	43.5	42.2	(*)	3.63	3.41
Dallas	119.10	121.58	118.40	39.7	40.8	41.4	3.00	2.98	2.86
El Paso	85.79	86.62	85.44	39.9	40.1	40.3	2.15	2.16	2.12
Fort Worth	132.84	132.03	130.73	40.5	40.5	41.5	3.28	3.26	3.15
Galveston-Texas City	193.98	193.16	180.59	43.3	43.9	41.9	4.48	4.40	4.31
Houston	154.09	153.24	145.27	42.1	42.1	42.6	3.66	3.64	3.41
Lubbock	112.46	112.46	104.54	44.1	44.1	43.2	2.55	2.55	2.42
San Antonio	102.26	101.84	98.23	41.4	41.4	41.1	2.47	2.46	2.39
Waco	107.68	108.74	100.81	39.3	39.4	37.9	2.74	2.76	2.66
Wichita Falls	98.95	98.80	95.18	39.9	40.0	40.5	2.48	2.47	2.35
UTAH	132.10	129.20	130.47	38.4	38.0	39.9	3.44	3.40	3.27
Salt Lake City	124.29	121.39	120.74	38.6	37.7	39.2	3.22	3.22	3.08
VERMONT	118.20	119.65	113.15	40.9	41.4	41.6	2.89	2.89	2.72
Burlington	129.56	132.82	123.77	41.0	41.9	42.1	3.16	3.17	2.94
Springfield	129.82	135.22	122.82	39.7	41.1	40.4	3.27	3.29	3.04
VIRGINIA	108.13	108.00	104.49	39.9	40.0	40.5	2.71	2.70	2.58
Lynchburg	104.38	106.81	104.58	40.3	41.4	42.0	2.59	2.58	2.49
Norfolk-Portsmouth	114.09	120.12	114.78	40.6	42.0	42.2	2.81	2.86	2.72
Richmond	120.82	118.69	110.15	39.1	39.3	39.2	3.09	3.02	2.81
Roanoke	102.06	101.56	98.47	40.5	40.3	41.2	2.52	2.52	2.39
WASHINGTON	157.99	157.61	150.10	39.3	39.6	39.5	4.02	3.98	3.80
Seattle-Everett	168.90	166.45	157.20	40.6	40.4	40.0	4.16	4.12	3.93
Spokane	147.04	148.16	141.87	38.9	39.3	39.3	3.78	3.77	3.61
Tacoma	151.69	149.76	142.46	38.5	38.4	38.4	3.94	3.90	3.71
WEST VIRGINIA	134.06	132.60	127.92	39.9	39.7	40.1	3.36	3.34	3.19
Charleston	166.72	166.60	154.75	42.1	42.5	41.6	3.96	3.92	3.72
Huntington-Ashland	138.28	132.70	136.11	38.2	37.7	39.0	3.62	3.52	3.49
Wheeling	137.83	137.08	127.51	40.3	40.2	39.6	3.42	3.41	3.22
WISCONSIN	144.13	145.06	138.99	40.3	40.6	41.3	3.58	3.57	3.37
Green Bay	144.41	146.75	139.01	41.1	42.0	42.3	3.51	3.49	3.28
Kenosha	155.28	154.66	158.47	39.2	38.9	41.9	3.96	3.97	3.78
La Crosse	119.33	118.60	109.59	39.9	40.0	39.4	2.99	2.96	2.78
Madison	154.72	154.34	151.26	39.7	39.8	41.2	3.90	3.88	3.67
Milwaukee	154.62	156.13	149.40	40.1	40.6	41.1	3.86	3.85	3.64
Racine	149.38	147.99	141.90	40.3	40.0	40.7	3.71	3.70	3.48
WYOMING	126.66	122.91	122.62	38.5	36.8	39.3	3.29	3.34	3.12
Casper	152.88	151.20	152.62	39.1	40.0	41.7	3.91	3.78	3.66
Cheyenne	106.94	110.21	114.20	29.3	32.8	37.2	3.65	3.36	3.07

1 Initial inclusion in this publication.
 2 Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
 3 Area included in New York-Northeastern New Jersey Standard Consolidated Area.
 4 Subarea of Rochester Standard Metropolitan Statistical Area.
 5 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

1959 to date

(Per 100 employees)

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual average
Total accessions													
1959.....	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	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1	4.6
1969.....	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	5.0	3.6	2.9	4.7
1970.....	4.0	3.6	3.7	3.7									
New hires													
1959.....	2.0	2.1	2.4	2.5	2.7	3.7	3.0	3.5	3.5	2.6	1.9	1.5	2.6
1960.....	2.2	2.2	2.0	2.0	2.3	3.0	2.4	2.9	2.8	2.1	1.5	1.0	2.2
1961.....	1.5	1.4	1.6	1.8	2.1	2.9	2.5	3.1	3.0	2.7	2.0	1.4	2.2
1962.....	2.2	2.1	2.2	2.4	2.8	3.5	2.9	3.2	3.1	2.5	1.8	1.2	2.5
1963.....	1.9	1.8	2.0	2.3	2.5	3.3	2.7	3.2	3.2	2.6	1.8	1.4	2.4
1964.....	2.0	2.0	2.2	2.4	2.5	3.6	2.9	3.4	3.5	2.8	2.2	1.6	2.6
1965.....	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2	3.1
1966.....	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1	3.8
1967.....	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0	3.3
1968.....	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2	3.5
1969.....	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1	3.7
1970.....	2.9	2.5	2.6	2.6									
Total separations													
1959.....	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	5.6	4.5	3.9	4.1	4.1
1966.....	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2	4.6
1967.....	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9	4.6
1968.....	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8	4.6
1969.....	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.3	4.3	4.2	4.9
1970.....	4.8	4.3	4.5	4.7									
Quits													
1959.....	1.1	1.0	1.2	1.4	1.5	1.5	1.6	2.1	2.6	1.7	1.2	1.0	1.5
1960.....	1.2	1.2	1.2	1.4	1.3	1.4	1.4	1.8	2.3	1.3	.9	.7	1.3
1961.....	.9	.8	.9	1.0	1.1	1.2	1.2	1.7	2.3	1.4	1.1	.9	1.2
1962.....	1.1	1.1	1.2	1.3	1.5	1.5	1.4	2.1	2.4	1.5	1.1	.8	1.4
1963.....	1.1	1.0	1.2	1.3	1.4	1.4	1.4	2.1	2.4	1.5	1.1	.8	1.4
1964.....	1.2	1.1	1.2	1.3	1.5	1.4	1.5	2.1	2.7	1.7	1.2	1.0	1.5
1965.....	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4	1.9
1966.....	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7	2.6
1967.....	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5	2.3
1968.....	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6	2.5
1969.....	2.3	2.1	2.4	2.6	2.7	2.6	2.6	4.0	4.4	2.9	2.1	1.6	2.7
1970.....	2.1	1.9	1.9	2.1									
Layoffs													
1959.....	2.1	1.5	1.6	1.6	1.4	1.4	1.8	1.8	2.0	3.2	2.9	2.4	2.0
1960.....	1.8	1.7	2.2	2.2	1.9	2.0	2.4	2.4	2.4	2.8	3.1	3.6	2.4
1961.....	3.2	2.6	2.3	1.9	1.8	1.8	2.3	1.8	2.1	2.0	2.2	2.6	2.2
1962.....	2.1	1.7	1.6	1.6	1.6	1.6	2.2	2.2	1.9	2.2	2.3	2.5	2.0
1963.....	2.2	1.6	1.7	1.6	1.5	1.4	2.0	1.9	1.8	1.9	2.1	2.3	1.8
1964.....	2.0	1.6	1.6	1.4	1.4	1.3	2.1	1.4	1.5	1.8	1.7	2.1	1.7
1965.....	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9	1.4
1966.....	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7	1.2
1967.....	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6	1.4
1968.....	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4	1.2
1969.....	1.2	1.0	1.0	.9	.9	1.0	1.6	1.1	1.1	1.3	1.3	1.8	1.2
1970.....	1.7	1.6	1.6	1.7									

NOTE: 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	
		Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970
	MANUFACTURING	3.7	3.7	2.6	2.6	4.7	4.5	2.1	1.9	1.7	1.6
19,24,25,32-39	DURABLE GOODS . . .	3.4	3.5	2.3	2.3	4.6	4.4	1.8	1.7	1.8	1.7
20-23,26-31	NONDURABLE GOODS . . .	4.1	4.1	3.0	3.0	4.8	4.6	2.5	2.3	1.5	1.5
	<i>Durable Goods</i>										
19	ORDNANCE AND ACCESSORIES	1.1	1.4	.6	.7	3.7	5.1	.9	1.1	2.3	3.2
192	Ammunition, except for small arms	1.0	1.3	.5	.5	4.0	5.3	.9	1.1	2.5	3.4
24	LUMBER AND WOOD PRODUCTS	5.4	5.5	4.1	3.9	5.7	5.6	3.4	3.0	1.4	1.8
242	Sawmills and planing mills	5.0	4.8	4.0	3.4	5.2	5.2	3.3	3.1	1.2	1.4
2421	Sawmills and planing mills, general	5.0	4.8	4.0	3.3	5.0	4.8	3.2	2.9	1.0	1.2
243	Millwork, plywood & related products	4.8	4.7	3.2	3.2	4.9	4.7	2.8	2.6	1.3	1.2
2431	Millwork	4.8	5.0	3.5	3.3	4.2	4.2	2.7	2.4	.7	1.1
2432	Veneer and plywood	4.3	4.1	2.8	2.9	5.0	5.3	3.0	2.8	1.1	1.3
244	Wooden containers	7.6	7.0	7.1	6.3	8.4	6.6	5.2	4.6	1.7	.8
2441,2	Wooden boxes, shooks, and crates	(1)	6.6	(1)	5.9	(1)	6.2	(1)	4.3	(1)	.9
249	Miscellaneous wood products	5.8	5.7	5.0	5.0	6.2	5.9	3.9	3.7	1.2	1.0
25	FURNITURE AND FIXTURES	4.5	4.9	3.4	3.7	5.9	5.7	3.3	3.3	1.4	1.3
251	Household furniture	4.6	5.2	3.6	3.8	5.7	5.7	3.5	3.5	1.0	1.1
2511	Wood household furniture	4.3	5.0	3.2	3.3	5.7	5.9	3.5	3.4	1.2	1.4
2512	Upholstered household furniture	3.5	3.7	2.7	3.0	4.5	4.5	2.7	3.1	.7	.6
2515	Mattresses and bedsprings	5.0	5.2	4.7	4.5	5.9	5.8	3.7	3.7	.3	.7
252	Office furniture	2.7	3.4	2.0	2.7	5.5	4.9	2.9	2.5	1.8	1.3
32	STONE, CLAY, AND GLASS PRODUCTS	4.7	4.6	3.4	3.1	4.7	4.3	2.4	2.1	1.3	1.2
321	Flat glass	2.2	3.3	.2	.2	5.4	5.1	.4	.3	4.5	4.0
322	Glass and glassware, pressed or blown	4.6	4.8	3.5	3.2	4.7	4.1	2.6	2.0	.9	1.0
3221	Glass containers	5.7	5.8	4.7	4.4	5.0	4.2	3.2	2.5	.6	.7
3229	Pressed and blown glass, n e c	3.0	3.4	1.7	1.6	4.3	4.0	1.7	1.2	1.3	1.4
324	Cement, hydraulic	3.1	3.0	1.4	1.3	1.7	1.9	.5	.5	.5	.5
325	Structural clay products	5.7	6.7	4.2	4.0	5.0	4.2	3.4	2.8	.8	.6
3251	Brick and structural clay tile	7.9	9.3	5.5	5.3	6.5	5.4	4.7	3.8	.9	.7
326	Pottery and related products	4.5	4.5	3.5	3.4	6.5	5.1	3.1	2.6	2.2	1.5
3291	Abrasive products	2.0	2.1	1.8	1.6	3.1	2.4	1.3	1.1	.7	.5
33	PRIMARY METAL INDUSTRIES	2.9	3.1	1.9	1.8	3.8	3.7	1.5	1.3	1.2	1.2
331	Blast furnace and basic steel products	2.4	2.4	1.4	1.1	2.9	2.8	.9	.8	1.0	.9
3312	Blast furnaces and steel mills	2.3	2.3	1.3	1.0	2.6	2.7	.8	.7	.8	.9
332	Iron and steel foundries	4.6	5.3	3.5	3.3	5.5	5.5	3.0	2.6	1.1	1.3
3321	Gray iron foundries	4.9	5.6	3.8	3.0	6.0	5.3	3.3	2.6	1.4	1.5
3322	Malleable iron foundries	4.4	5.6	3.6	4.1	6.9	7.9	3.1	3.3	.1	1.5
3323	Steel foundries	3.8	4.7	2.8	3.6	4.0	4.9	2.1	2.4	.6	.9
333,4	Nonferrous metals	2.2	2.3	1.7	2.0	2.7	2.5	1.3	1.2	.7	.4
335	Nonferrous rolling and drawing	2.2	2.6	1.5	1.5	3.2	3.4	1.3	1.1	1.2	1.6
3351	Copper rolling and drawing	1.5	1.6	.5	1.1	2.3	2.5	.7	.7	1.1	1.1
3352	Aluminum rolling and drawing	2.1	2.4	1.3	1.1	2.9	3.3	1.0	1.0	1.2	1.4
3357	Nonferrous wire drawing, and insulating	(1)	3.6	(1)	1.9	(1)	4.4	(1)	1.2	(1)	2.4
336	Nonferrous foundries	4.5	4.8	2.7	3.6	6.6	5.8	2.8	2.6	2.7	1.4
3361	Aluminum castings	4.1	5.9	3.0	4.1	7.2	6.0	3.0	2.6	3.2	1.4
3362,9	Other nonferrous castings	4.9	3.7	2.4	2.9	6.0	5.4	2.6	2.6	2.2	1.4
339	Miscellaneous primary metal products	2.6	3.0	1.8	1.7	5.4	4.1	1.8	1.5	2.7	1.6
3391	Iron and steel forgings	2.8	3.2	1.8	1.9	5.0	3.6	1.6	1.3	2.3	1.4

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	
		Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970
<i>Durable Goods--Continued</i>											
34	FABRICATED METAL PRODUCTS	4.0	4.2	2.9	3.0	5.5	4.6	2.3	2.1	2.1	1.5
341	Metal cans	5.0	6.2	2.7	3.0	5.2	4.6	1.3	1.3	2.7	2.0
342	Cutlery, hand tools, and hardware	2.9	3.5	2.0	2.3	4.6	3.8	2.1	1.6	1.5	1.4
3421,3,5	Cutlery and hand tools, incl. saws	2.3	3.5	2.1	3.0	3.9	3.0	2.1	1.7	1.2	.5
3429	Hardware, n e c	3.3	3.4	1.9	1.7	5.0	4.4	2.0	1.5	1.7	2.0
343	Plumbing and heating, except electric	3.3	3.3	2.6	2.6	5.7	4.2	2.3	2.0	2.0	1.2
3431,2	Sanitary ware & plumbers' brass goods	3.8	3.3	2.9	2.6	5.9	3.9	2.3	2.0	2.4	1.1
3433	Heating equipment, except electric	2.9	3.3	2.4	2.7	5.4	4.4	2.3	2.0	1.7	1.3
344	Fabricated structural metal products	4.6	4.3	3.9	3.6	5.5	4.6	2.5	2.3	1.8	1.3
3441	Fabricated structural steel	4.5	4.8	4.0	4.3	5.6	5.1	2.8	2.8	1.6	1.2
3443	Fabricated plate work (boiler shops)	3.7	3.2	3.2	2.8	3.7	2.8	2.1	1.6	.7	.4
3446,9	Architectural and misc. metal work	5.6	5.5	4.7	3.9	6.8	6.0	2.7	2.4	2.3	2.4
345	Screw machine products, bolts, etc.	2.3	3.1	1.9	2.7	3.1	4.5	1.8	2.4	2.5	1.1
3452	Bolts, nuts, rivets, and washers	(1)	2.1	(1)	1.6	(1)	4.0	(1)	1.5	(1)	1.6
346	Metal stampings	4.5	4.3	2.0	2.0	5.9	4.7	2.0	1.7	2.9	2.2
348	Misc. fabricated wire products	3.6	4.1	2.9	3.5	5.6	5.2	3.0	2.9	1.7	1.2
349	Misc. fabricated metal products	3.5	3.7	3.0	3.3	4.6	3.9	2.3	2.1	1.1	.6
3494,8	Valves, pipe, and pipe fittings	3.5	3.5	3.0	3.1	4.4	3.8	2.2	2.1	1.0	.7
35	MACHINERY, EXCEPT ELECTRICAL	2.5	2.8	1.8	2.0	3.6	3.3	1.5	1.4	1.2	1.0
351	Engines and turbines	3.2	3.4	1.3	1.6	4.6	4.6	.9	1.0	2.7	2.4
3511	Steam engines and turbines	3.1	2.7	2.4	1.8	2.1	2.2	.8	.9	.1	.1
3519	Internal combustion engines, n e c	(1)	3.7	(1)	1.5	(1)	5.9	(1)	1.0	(1)	3.5
352	Farm machinery	3.0	4.0	1.8	2.3	5.0	4.3	1.7	1.7	2.3	1.7
353	Construction and related machinery	2.6	2.7	2.3	2.4	3.4	2.8	1.6	1.4	1.0	.6
3531,2	Construction and mining machinery	2.8	2.3	2.4	2.0	3.0	2.4	1.4	1.0	.7	.7
3533	Oil field machinery	2.9	3.3	2.5	3.1	3.4	3.3	2.0	2.0	.4	.3
3535,6	Conveyors, hoists, cranes, monorails	1.8	2.8	1.7	2.5	3.6	2.9	1.5	1.7	1.2	.4
354	Metal working machinery	2.0	2.1	1.7	1.6	3.3	3.2	1.3	1.3	1.2	1.2
3541	Machine tools, metal cutting types	1.3	1.6	1.1	1.3	3.1	2.9	1.1	1.1	1.3	1.1
3545	Machine tool accessories	1.5	1.5	1.3	1.3	3.6	2.8	1.2	1.2	1.9	1.1
3542,8	Misc. metal working machinery	1.8	2.0	1.4	1.5	2.7	2.9	1.2	1.2	.8	1.1
355	Special industry machinery	2.1	2.3	1.8	1.9	3.4	2.6	1.6	1.4	1.0	.5
3551	Food products machinery	2.2	2.7	1.8	2.4	3.1	2.4	1.3	1.4	1.0	.3
3552	Textile machinery	2.5	2.6	2.2	2.1	4.2	3.6	2.2	1.9	1.1	1.1
356	General industrial machinery	2.1	2.5	1.7	1.9	3.4	3.0	1.4	1.4	1.1	.9
3561	Pumps and compressors	2.1	2.7	1.8	2.2	3.2	3.0	1.5	1.6	.7	.6
3562	Ball and roller bearings	1.9	2.3	1.1	1.1	3.2	3.4	1.2	1.1	1.4	1.9
3566	Power transmission equipment	2.0	2.2	1.7	1.7	3.3	2.7	1.4	1.4	1.0	.6
357	Office and computing machines	1.8	2.3	1.2	1.5	2.2	2.5	1.0	1.1	.5	.4
3573	Electronic computing equipment	1.6	2.1	1.1	1.5	2.0	2.3	.9	1.1	.5	.4
358	Service industry machines	4.2	4.6	3.2	3.2	4.2	3.7	2.1	1.8	1.1	.9
3585	Refrigeration machinery	4.5	5.3	3.3	3.7	5.0	4.1	2.1	1.9	1.8	1.1
36	ELECTRICAL EQUIPMENT AND SUPPLIES	3.0	3.0	2.1	2.0	4.2	4.2	1.7	1.6	1.5	1.5
361	Electric test & distributing equipment	3.0	3.0	2.3	2.3	3.7	3.1	1.7	1.6	.7	.5
3611	Electric measuring instruments	2.6	3.2	2.2	2.5	2.9	3.4	1.4	1.6	.6	.8
3612	Transformers	3.9	3.2	3.0	2.5	4.9	3.4	2.5	1.9	1.0	.5
3613	Switchgear and switchboard apparatus	2.6	2.7	1.8	2.1	3.5	2.5	1.5	1.3	1.1	.4
362	Electrical industrial apparatus	2.7	2.7	2.0	1.8	3.1	3.3	1.6	1.5	.8	.9
3621	Motors and generators	2.9	3.1	2.1	1.8	3.2	3.5	1.6	1.6	.9	1.2
3622	Industrial controls	2.4	1.8	1.8	1.3	3.0	3.1	1.6	1.4	.5	.7
363	Household appliances	4.7	3.9	3.6	3.0	4.9	3.8	2.0	1.9	1.5	.8
3632	Household refrigerators and freezers	6.4	4.1	4.5	3.7	4.6	2.8	2.0	1.6	1.2	.2
3633	Household laundry equipment	3.8	2.7	2.5	1.1	2.6	3.1	1.0	1.1	.9	1.0
3634	Electric housewares and fans	3.7	4.4	3.2	3.7	7.4	5.6	2.9	2.8	3.2	1.7
364	Electric lighting and wiring equipment	3.4	3.9	2.6	2.9	4.3	4.6	2.1	2.3	1.0	1.3
3641	Electric lamps	2.2	2.4	1.8	1.9	2.6	2.1	1.4	1.2	.3	.2
3642	Lighting fixtures	4.4	4.2	2.9	2.7	5.5	5.4	2.5	2.5	1.7	1.9
3643,4	Wiring devices	3.4	4.3	2.8	3.4	4.3	5.3	2.1	2.7	1.6	1.5
365	Radio and TV receiving equipment	4.5	3.4	1.7	1.3	5.9	7.1	2.1	1.6	2.5	4.3
366	Communication equipment	2.4	2.3	1.7	1.6	3.2	3.5	1.3	1.2	1.2	1.6
3661	Telephone and telegraph apparatus	(1)	3.7	(1)	3.4	(1)	2.2	(1)	1.6	(1)	.1
3662	Radio and TV communication equipment	1.9	1.7	1.0	.8	3.5	4.1	1.2	1.1	1.6	2.2
367	Electronic components and accessories	2.7	2.9	1.7	1.9	5.3	5.1	2.0	1.9	2.3	1.8
3671-3	Electron tubes	2.2	2.5	1.1	1.0	4.2	3.5	1.8	1.3	1.5	.7
3674,9	Other electronic components	2.8	3.0	1.9	2.1	5.5	5.4	2.1	2.0	2.4	2.1
369	Misc. electrical equipment & supplies	2.7	2.9	1.7	2.0	4.8	4.1	1.5	1.5	2.3	1.5
3694	Engine electrical equipment	2.0	2.0	1.0	1.1	4.7	4.0	.9	1.0	2.7	1.9

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	
		Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970
<i>Durable Goods--Continued</i>											
37	TRANSPORTATION EQUIPMENT	3.6	3.4	1.8	1.7	5.6	5.6	1.2	1.2	3.5	3.6
	Motor vehicles and equipment	3.8	3.8	1.5	1.3	5.4	5.3	.9	.8	3.6	3.6
3711	Motor vehicles	(1)	3.5	(1)	1.1	(1)	5.8	(1)	.8	(1)	4.3
3712	Passenger car bodies	(1)	7.6	(1)	3.7	(1)	9.0	(1)	.3	(1)	7.9
3713	Truck and bus bodies	(1)	5.9	(1)	3.8	(1)	3.8	(1)	2.0	(1)	1.0
3714	Motor vehicle parts and accessories	(1)	3.2	(1)	.8	(1)	3.9	(1)	.7	(1)	2.3
372	Aircraft and parts	1.1	1.3	.6	.7	4.1	4.6	.8	.8	2.9	3.3
3721	Aircraft .....	.9	1.2	.3	.5	4.3	5.6	.8	.8	3.2	4.4
3722	Aircraft engines and engine parts	1.3	1.1	.8	.6	3.1	2.7	.7	.7	2.1	1.4
3723,9	Other aircraft parts and equipment	1.9	2.4	1.1	1.8	5.0	3.9	1.2	1.1	3.1	2.1
373	Ship and boat building and repairing	9.7	7.5	5.7	4.5	10.9	8.9	2.9	2.5	6.4	5.2
3731	Ship building and repairing	10.4	7.8	5.9	4.3	11.1	8.5	2.3	1.8	7.1	5.6
374	Railroad equipment	(1)	5.8	(1)	3.5	(1)	7.8	(1)	2.0	(1)	4.1
375,9	Other transportation equipment	7.4	8.0	5.8	6.0	8.2	7.9	3.9	4.2	2.2	2.0
38	INSTRUMENTS AND RELATED PRODUCTS	2.6	2.7	1.9	2.1	3.6	2.9	1.5	1.4	1.1	.7
381	Engineering & scientific instruments	1.7	1.7	1.1	1.2	3.1	3.0	1.1	1.1	1.0	1.1
382	Mechanical measuring & control devices	2.3	3.2	1.6	2.3	3.7	3.0	1.6	1.4	1.0	.8
3821	Mechanical measuring devices	2.5	3.0	2.0	2.8	3.4	2.7	1.5	1.4	.9	.6
3822	Automatic temperature controls	2.1	3.4	1.1	1.7	4.2	3.7	1.7	1.5	1.1	1.1
383,5	Optical and ophthalmic goods	2.5	2.9	2.1	2.5	3.7	3.1	2.1	1.8	.9	.5
384	Medical instruments and supplies	3.4	3.2	2.4	2.8	5.2	3.4	1.8	1.9	2.5	.6
386	Photographic equipment and supplies	(1)	2.0	(1)	1.7	(1)	2.1	(1)	.9	(1)	.5
387	Watches, clocks, and watchcases	3.9	4.3	2.7	2.5	4.6	4.1	2.3	1.9	.8	1.0
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	5.8	5.4	3.5	3.7	6.1	5.1	2.8	2.6	2.3	1.6
391	Jewelry, silverware, and plated ware	3.4	3.5	2.3	2.8	4.1	4.4	2.4	2.6	.9	1.2
394	Toys and sporting goods	10.8	9.7	5.2	5.5	8.8	7.4	4.0	3.5	3.4	2.3
3941-3	Games, toys, dolls, & play vehicles	14.8	12.4	6.7	5.6	8.3	7.8	4.8	3.4	1.9	2.9
3949	Sporting and athletic goods, n e c	5.9	6.6	3.5	5.3	9.4	6.9	3.0	3.6	5.2	1.7
395	Pens, pencils, office and art supplies	2.9	3.0	2.6	2.8	5.4	3.4	2.1	1.8	2.4	.8
396	Costume jewelry and notions	4.0	3.8	3.4	2.9	5.4	5.4	2.3	2.5	2.3	2.1
393,9	Other manufacturing industries	4.2	4.2	2.8	3.2	5.1	4.2	2.3	2.2	1.8	1.1
<i>Nondurable Goods</i>											
20	FOOD AND KINDRED PRODUCTS	5.3	5.1	3.7	3.5	5.6	6.0	2.7	2.6	2.1	2.6
201	Meat products	6.1	5.9	3.9	3.4	6.6	6.4	3.4	3.0	2.4	2.7
2011	Meat packing plants	5.0	5.5	2.0	1.9	6.2	6.2	1.7	1.6	3.8	3.9
2015	Poultry dressing plants	10.5	8.6	8.9	7.3	9.6	8.7	7.9	6.7	.8	1.2
204	Grain mill products	2.5	3.6	1.9	2.8	3.7	3.9	1.7	2.2	1.3	.9
2041	Flour and other grain mill products	2.9	2.4	2.0	1.9	4.4	3.4	1.8	1.6	1.8	1.0
2042	Prepared feeds for animals and fowls	2.4	4.4	2.2	4.0	3.3	4.2	2.0	2.9	.6	.4
205	Bakery products	4.2	4.0	3.7	3.4	4.1	4.5	2.3	2.6	1.0	1.1
2051	Bread, cake, and related products	4.2	4.2	4.0	3.6	3.3	4.4	2.3	2.7	.4	.9
2052	Cookies and crackers	3.9	3.4	2.1	2.5	7.8	5.3	2.3	2.2	3.8	2.1
207	Confectionery and related products	5.3	6.2	3.3	3.5	10.1	8.4	3.6	3.2	5.6	4.5
2071	Confectionery products	5.9	7.0	3.8	3.9	11.4	9.7	4.1	3.7	6.4	5.3
208	Beverages	5.0	5.0	3.3	3.4	4.4	4.1	2.2	2.1	1.5	1.2
2082	Malt liquors	4.1	4.3	1.4	1.4	4.6	3.2	.5	.4	3.4	2.4
21	TOBACCO MANUFACTURES	2.8	2.9	1.9	2.4	3.3	5.6	1.9	1.9	.6	2.9
211	Cigarettes	2.0	2.0	1.4	1.7	1.6	1.6	.9	.8	(2)	(2)
212	Cigars	3.4	4.1	2.7	3.5	4.5	5.0	3.7	3.6	.3	.5

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	
		Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970
<i>Nondurable Goods--Continued</i>											
22	TEXTILE MILL PRODUCTS	5.0	4.8	3.8	3.6	5.5	5.2	3.7	3.3	0.7	0.8
221	Weaving mills, cotton	5.3	4.7	4.1	3.7	5.6	4.9	4.1	3.4	.3	.3
222	Weaving mills, synthetics	4.3	3.6	3.3	2.6	5.2	4.9	3.4	3.0	.6	.9
223	Weaving and finishing mills, wool	4.8	5.3	3.6	3.8	4.5	4.7	3.2	2.8	.4	.9
224	Narrow fabric mills	3.9	3.7	3.0	2.6	4.5	4.9	2.7	2.5	.9	1.2
225	Knitting mills	5.2	5.1	3.8	3.6	5.2	4.8	3.4	3.1	1.0	.9
2251	Women's hosiery, except socks	4.2	4.4	3.7	3.3	4.6	4.4	3.7	3.3	.3	.4
2252	Hosiery, n e c	3.8	4.3	3.2	3.6	4.6	4.2	3.3	3.0	.8	.5
2254	Knit underwear mills	2.7	2.9	1.8	2.0	3.3	3.5	2.8	2.8	.2	.2
226	Textile finishing, except wool	4.3	4.0	2.9	3.0	4.7	4.8	2.8	2.8	.8	.9
227	Floor covering mills	3.6	3.7	2.7	3.0	5.0	5.0	3.2	3.0	1.1	1.0
228	Yarn and thread mills	6.6	6.1	5.6	4.8	7.2	6.8	5.4	4.8	.5	.8
229	Miscellaneous textile goods	4.0	4.7	3.3	3.5	5.4	5.2	2.9	3.0	1.2	1.0
23	APPAREL AND OTHER TEXTILE PRODUCTS	5.0	4.8	3.3	3.4	6.2	5.6	2.8	2.5	2.6	2.4
231	Men's and boys' suits and coats	3.4	2.5	1.5	1.4	3.3	3.8	1.3	1.4	1.4	1.9
232	Men's and boys' furnishings	5.4	5.4	4.4	4.2	5.3	4.8	3.7	3.3	.8	.8
2321	Men's and boys' shirts and nightwear	6.6	5.5	5.2	4.2	5.2	4.4	3.9	3.2	.5	.5
2327	Men's and boys' separate trousers	3.9	4.3	3.2	3.5	4.4	4.1	3.4	3.0	.3	.4
2328	Men's and boys' work clothing	4.9	5.5	4.2	4.5	5.2	4.5	3.9	3.6	.6	.2
234	Women's and children's undergarments	4.3	4.1	2.8	2.6	5.8	4.8	3.2	2.7	1.7	1.3
2341	Women's and children's underwear	4.3	4.7	3.1	3.0	5.9	4.8	3.3	2.9	1.8	1.0
2342	Corsets and allied garments	4.2	2.7	2.2	1.6	5.7	4.9	2.8	2.3	1.3	1.9
26	PAPER AND ALLIED PRODUCTS	2.9	3.0	2.3	2.5	3.5	3.3	1.8	1.8	.8	.6
261,2,6	Paper and pulp mills	1.7	1.7	1.2	1.2	2.0	1.9	.8	.8	.5	.5
263	Paperboard mills	1.9	2.3	1.7	1.9	2.1	2.5	1.2	1.4	.3	.3
264	Misc. converted paper products	3.8	3.8	2.9	3.2	4.4	3.9	2.4	2.2	1.1	.7
2643	Bags, except textile bags	4.6	5.4	3.5	4.5	5.8	5.7	3.1	3.4	1.6	1.1
265	Paperboard containers and boxes	3.6	3.9	3.0	3.3	4.8	4.4	2.6	2.7	1.2	.7
2651,2	Folding and setup paperboard boxes	4.0	4.4	3.3	3.7	5.1	4.9	2.7	2.9	1.0	1.0
2653	Corrugated and solid fiber boxes	3.0	3.4	2.6	2.8	4.4	4.2	2.6	2.7	1.0	.5
	PRINTING AND PUBLISHING	2.8	3.2	2.3	2.6	3.5	3.0	1.9	1.8	.9	.9
28	CHEMICALS AND ALLIED PRODUCTS	2.3	2.3	1.9	1.8	2.7	2.3	1.4	1.1	.6	.5
281	Industrial chemicals	1.5	1.4	1.2	1.2	1.5	1.4	.7	.6	.2	.2
282	Plastics materials and synthetics	1.7	1.3	1.2	.9	2.1	2.0	.9	.8	.5	.7
2821	Plastics materials and resins	1.9	1.3	1.7	1.1	2.1	1.8	1.0	.8	.5	.3
2823,4	Synthetic fibers	1.5	1.3	.7	.7	1.9	2.2	.8	.7	.5	1.0
283	Drugs	2.3	2.4	1.9	2.1	2.1	1.8	1.2	1.1	.4	.2
2834	Pharmaceutical preparations	2.4	2.5	1.9	2.2	2.3	1.8	1.4	1.2	.5	.2
284	Soap, cleaners, and toilet goods	3.0	3.9	2.4	2.8	3.5	3.1	1.7	1.4	.8	.8
2841	Soap and other detergents	2.0	2.6	1.1	1.3	2.6	1.7	.5	.6	1.4	.5
2844	Toilet preparations	3.1	4.7	2.7	3.1	4.2	4.6	2.2	1.8	.6	1.4
285	Paints and allied products	2.4	2.3	2.2	2.0	3.0	2.4	1.7	1.4	.6	.3
286,9	Other chemical products	2.3	2.2	1.4	1.3	4.6	3.5	1.7	1.3	1.7	1.4
29	PETROLEUM AND COAL PRODUCTS	2.1	2.0	1.8	1.6	2.5	2.3	.9	1.0	.7	.5
291	Petroleum refining	1.4	1.5	1.2	1.3	2.0	1.7	.6	.6	.6	.3
295,9	Other petroleum and coal products	5.1	4.1	4.1	3.1	4.7	4.7	2.4	2.3	1.2	1.4
30	RUBBER AND PLASTICS PRODUCTS, N E C	4.1	4.3	3.2	3.3	6.1	5.1	2.8	2.4	2.0	1.6
301	Tires and inner tubes	1.9	1.9	1.3	1.2	2.3	1.8	.9	.8	.6	.4
302,3,6	Other rubber products	3.2	3.4	2.2	2.3	5.5	4.7	2.2	2.0	2.1	1.7
307	Miscellaneous plastics products	5.6	5.9	4.6	4.7	8.2	6.8	3.9	3.4	2.6	2.1

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	
		Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970	Apr. 1970	Mar. 1970
	<i>Nondurable Goods--Continued</i>										
31	LEATHER AND LEATHER PRODUCTS	5.5	5.1	4.0	3.7	6.4	6.2	3.5	3.2	1.7	2.0
311	Leather tanning and finishing	5.4	5.6	4.1	4.1	5.4	4.7	2.9	2.6	1.0	1.3
314	Footwear, except rubber	5.5	4.9	3.8	3.5	6.0	6.0	3.5	3.1	1.2	1.8
	NONMANUFACTURING										
10	METAL MINING	3.7	3.7	2.8	2.8	3.1	3.1	1.9	1.8	.3	.4
101	Iron ores	4.7	3.2	2.1	1.3	2.0	2.5	.5	.6	.5	.7
102	Copper ores	2.8	3.2	2.3	2.6	2.2	2.0	1.2	1.3	.2	(2)
11,12	COAL MINING	2.1	2.1	1.9	1.6	1.9	1.4	.8	.8	.6	.1
12	Bituminous coal and lignite mining	2.1	2.1	1.8	1.6	1.8	1.3	.8	.8	.6	.1
	COMMUNICATION:										
481	Telephone communication	(1)	3.1	-	-	(1)	2.0	(1)	1.5	(1)	.1
482	Telegraph communication ³	(1)	2.4	-	-	(1)	2.3	(1)	1.4	(1)	.3

¹Not available.

²Less than 0.05.

³Data 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, 1959 to date
seasonally adjusted

(Per 100 employees)												
Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1959.....	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	5.3	5.0	5.1	5.1	4.7	5.1	5.0	4.9	4.8	4.6
1967.....	4.6	4.3	4.2	4.2	4.6	4.4	4.4	4.4	4.3	4.5	4.5	4.4
1968.....	4.5	4.6	4.3	4.7	4.7	4.4	4.7	4.7	4.6	4.8	4.8	4.9
1969.....	4.9	4.7	4.8	4.9	4.8	4.9	4.7	4.5	4.8	4.7	4.4	4.6
1970.....	4.2	4.3	3.9	4.0								
New hires												
1959.....	2.4	2.6	2.9	2.8	2.7	2.7	2.6	2.6	2.6	2.4	2.4	2.7
1960.....	2.6	2.8	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	3.0	3.0	3.1	3.1	3.2	3.5	3.7
1966.....	3.7	3.8	4.3	3.9	4.0	3.9	3.7	3.8	3.7	3.8	3.8	3.5
1967.....	3.5	3.3	3.2	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.4
1968.....	3.4	3.3	3.3	3.5	3.5	3.3	3.5	3.5	3.6	3.6	3.5	3.7
1969.....	3.8	3.7	3.9	3.8	3.7	3.8	3.8	3.5	3.8	3.6	3.4	3.5
1970.....	3.3	3.1	3.0	2.9								
Total separations												
1959.....	3.6	3.6	3.6	3.8	3.8	3.9	4.0	4.2	4.2	5.1	4.7	4.1
1960.....	3.5	4.1	4.4	4.4	4.3	4.4	4.3	4.3	4.2	4.3	4.5	5.0
1961.....	4.6	4.6	4.2	3.6	3.8	4.0	4.0	3.7	4.1	3.9	4.0	4.1
1962.....	3.9	4.0	4.0	3.9	4.2	4.2	4.2	4.4	3.9	4.1	4.1	3.9
1963.....	4.0	3.8	3.9	3.9	3.9	3.8	3.9	4.1	3.8	3.8	4.0	3.9
1964.....	4.0	4.0	3.9	3.8	3.9	3.9	4.1	3.6	3.9	4.0	3.8	3.9
1965.....	3.8	3.7	3.8	4.1	3.9	4.0	4.0	4.2	4.2	4.3	4.2	4.3
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	5.1	4.7	4.6	4.7	4.4	4.3	4.6	4.5	4.5	4.1
1968.....	4.6	4.7	4.6	4.5	4.6	4.5	4.6	4.9	4.6	4.7	4.6	4.1
1969.....	4.7	4.8	4.9	4.9	5.0	5.0	4.9	5.0	4.8	5.0	4.8	4.5
1970.....	5.0	5.1	5.0	5.1								
Quits												
1959.....	1.4	1.3	1.5	1.5	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6
1960.....	1.5	1.6	1.5	1.5	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	1.8	2.0	2.0	2.1	2.2
1966.....	2.2	2.3	2.6	2.6	2.6	2.6	2.6	2.5	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	2.4	2.4
1968.....	2.4	2.4	2.4	2.3	2.5	2.4	2.5	2.7	2.5	2.6	2.6	2.5
1969.....	2.7	2.7	2.7	2.7	2.8	2.8	2.7	2.8	2.6	2.7	2.6	2.5
1970.....	2.5	2.4	2.2	2.2								
Layoffs												
1959.....	1.8	1.7	1.7	1.7	1.6	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	2.5	2.6	2.7	2.8
1961.....	2.7	3.0	2.5	2.1	2.2	2.3	2.2	2.0	2.2	1.9	1.9	2.0
1962.....	1.8	1.9	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	1.2	1.1	1.1	1.2	1.3
1967.....	1.3	1.4	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	1.2	1.2	1.2	1.1	1.3	1.4	1.2	1.2	1.1	1.1
1969.....	1.1	1.1	1.1	1.1	1.1	1.2	1.1	1.2	1.2	1.3	1.3	1.4
1970.....	1.5	1.7	1.8	1.9								

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

(Per 100 employees)

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970
ALABAMA:										
Birmingham	3.2	3.2	2.3	2.5	3.2	3.5	1.4	1.5	1.0	1.3
Mobile ¹	8.0	3.6	3.2	2.2	7.8	4.5	1.4	1.9	5.7	1.8
ALASKA	18.5	14.5	12.1	8.1	9.7	7.0	4.6	3.6	4.1	2.8
ARIZONA	4.6	4.6	3.6	3.6	5.5	5.0	2.6	2.7	1.5	1.1
Phoenix	4.4	4.4	3.4	3.5	5.8	5.0	2.7	2.8	1.6	1.0
ARKANSAS	5.6	4.8	4.4	3.7	5.6	5.5	3.6	3.4	1.2	1.3
Fort Smith	7.4	4.6	6.3	4.3	7.3	5.7	4.7	4.3	1.3	.2
Little Rock-North Little Rock	4.6	3.9	4.3	3.1	4.8	4.8	3.1	3.4	.9	.5
Pine Bluff	3.9	2.9	3.2	2.2	4.5	3.6	2.7	1.8	1.3	1.1
CALIFORNIA	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Los Angeles-Long Beach	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
COLORADO	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Denver	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
CONNECTICUT	2.6	2.9	2.0	2.2	3.8	3.5	1.8	1.8	1.2	.8
Hartford	2.1	2.6	1.6	2.2	3.2	2.9	1.6	1.5	.7	.5
DELAWARE ¹	2.2	2.4	1.1	1.3	2.9	8.0	1.0	1.1	1.3	6.2
Wilmington ¹	2.2	2.3	1.3	1.4	2.5	7.9	1.0	1.1	.9	6.1
DISTRICT OF COLUMBIA:										
Washington SMSA	2.6	2.5	2.5	2.4	2.8	2.6	2.0	2.0	.2	.1
FLORIDA	6.2	5.9	4.7	5.0	7.1	7.0	3.5	3.7	2.4	2.3
Fort Lauderdale-Hollywood	6.9	5.8	6.2	5.4	8.0	7.9	4.4	4.7	1.6	1.7
Jacksonville	4.8	5.3	4.5	5.1	5.4	6.5	3.8	4.4	.7	1.3
Miami	5.5	5.0	4.9	4.5	5.3	6.1	3.1	3.2	1.2	2.1
Orlando	3.5	5.6	3.1	5.1	3.7	7.1	2.0	3.6	1.2	2.3
Pensacola	1.2	.7	1.2	.6	1.2	.8	.9	.6	.3	.2
Tampa-St. Petersburg	6.2	7.1	4.9	5.5	6.4	6.6	3.7	3.9	1.6	1.7
West Palm Beach	4.3	7.3	3.8	4.5	9.0	8.6	3.0	3.5	3.8	2.6
GEORGIA	4.8	4.5	3.7	3.5	5.5	5.4	3.5	3.3	1.0	1.2
Atlanta ²	4.2	4.2	3.2	3.3	6.1	5.7	3.1	3.1	2.2	1.5
HAWAII ³	3.1	2.5	2.7	1.9	4.1	2.8	1.5	1.4	.8	.5
IDAHO ⁴	4.6	3.8	2.9	2.8	8.7	9.3	2.1	1.8	6.0	6.7
ILLINOIS:										
Chicago	3.5	3.7	2.9	3.1	4.4	4.2	2.3	2.2	1.1	.8
INDIANA ¹	3.1	3.0	1.7	1.8	3.6	4.0	1.5	1.4	1.2	1.8
Indianapolis ⁵	3.1	2.6	1.7	1.6	2.8	4.2	1.3	1.4	.5	2.0
IOWA	2.8	3.2	1.8	2.1	4.3	3.8	1.6	1.6	2.1	1.6
Cedar Rapids	2.4	2.8	1.2	1.4	4.4	4.8	1.3	1.5	2.6	2.9
Des Moines	4.6	5.3	2.8	3.5	3.4	4.4	2.1	3.1	.4	.5
KANSAS	3.2	2.9	2.5	2.2	4.7	4.8	2.1	1.9	1.8	2.3
Topeka	5.6	3.9	4.8	2.9	3.0	3.1	2.2	2.1	.1	.5
Wichita	1.6	1.8	1.2	1.4	5.2	6.3	.9	1.2	3.7	4.7
KENTUCKY	3.8	3.7	2.8	2.7	4.5	4.4	2.2	2.4	1.6	1.3
Louisville	3.0	3.7	2.1	2.6	3.3	2.9	1.7	1.7	.5	.4
LOUISIANA:										
New Orleans	4.7	3.7	3.3	2.9	5.1	4.1	1.6	1.3	2.4	2.0
MAINE	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Portland	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
MARYLAND	3.1	2.8	2.3	2.2	3.7	3.6	1.6	1.5	1.3	1.3
Baltimore	3.0	2.8	2.2	2.1	3.8	3.6	1.6	1.5	1.4	1.4

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970
MASSACHUSETTS.....	3.7	3.6	2.9	2.7	4.0	4.5	2.1	2.2	1.0	1.5
Boston.....	3.7	3.9	3.0	2.9	3.9	5.5	2.1	2.2	1.0	2.4
MICHIGAN.....	3.5	2.9	1.0	1.0	4.4	5.5	.9	1.0	2.6	3.6
Detroit.....	3.5	2.6	.9	.9	4.2	5.7	1.0	1.0	2.3	3.7
MINNESOTA.....	4.1	3.8	2.8	2.9	5.0	4.3	2.3	2.1	1.7	1.3
Duluth-Superior.....	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Minneapolis-St. Paul.....	4.2	3.9	3.1	2.9	5.0	4.3	2.5	2.1	1.4	1.2
MISSISSIPPI:										
Jackson.....	5.9	3.4	3.4	3.0	4.9	6.4	3.0	2.9	1.3	2.8
MISSOURI.....	3.4	3.1	2.5	2.3	4.0	3.9	1.8	1.8	1.4	1.3
Kansas City.....	3.3	3.1	2.5	2.3	5.4	4.0	2.4	1.9	2.3	1.3
St. Louis.....	2.8	2.6	1.9	1.8	3.2	3.4	1.2	1.3	1.1	1.3
MONTANA.....	3.5	2.2	2.7	1.6	3.1	3.2	1.8	1.6	.5	1.0
NEBRASKA.....	4.2	4.0	3.8	3.7	5.1	5.2	3.1	3.0	1.0	1.3
NEVADA.....	4.0	5.5	3.5	4.7	5.3	4.7	3.5	1.7	.7	2.1
NEW HAMPSHIRE.....	4.3	4.1	3.5	3.3	4.9	4.9	3.2	3.0	1.0	1.0
NEW JERSEY:										
Camden ⁶	3.6	3.4	2.6	2.6	4.3	3.6	1.8	1.6	1.3	1.0
Jersey City.....	3.2	3.1	2.3	2.3	3.9	4.1	1.6	1.4	1.6	1.8
Newark.....	3.4	3.6	2.6	2.8	3.5	5.0	1.6	1.7	.9	2.4
Paterson-Clifton-Passaic.....	3.8	4.2	3.1	3.4	5.3	4.2	2.1	2.2	2.4	1.0
Perth Amboy.....	2.9	3.4	2.4	2.7	2.9	3.1	1.7	1.7	.5	.6
Trenton.....	3.5	3.3	2.5	2.6	3.6	3.9	2.0	1.7	.8	1.3
NEW YORK.....	3.9	3.8	2.4	2.4	4.4	4.2	1.6	1.7	1.9	1.8
Albany-Schenectady-Troy.....	3.6	2.6	2.2	1.7	3.1	2.9	1.3	1.3	.7	.8
Binghamton.....	1.9	1.9	1.5	1.5	2.8	2.4	1.2	1.3	.9	.4
Buffalo.....	3.0	2.7	1.3	1.5	3.3	3.7	.9	1.0	1.6	2.0
Elmira.....	4.1	3.2	3.3	1.9	3.5	3.4	1.4	1.5	1.0	1.1
Monroe County ⁷	2.1	2.3	1.7	2.0	2.6	2.5	1.2	1.2	.8	.5
Nassau and Suffolk Counties ⁸	3.6	3.3	2.6	2.8	5.3	4.6	2.2	2.1	1.3	1.7
New York SMSA.....	4.6	4.8	3.1	3.1	5.4	5.0	1.9	1.9	2.4	2.2
New York City ⁶	4.9	5.2	3.2	3.2	5.6	5.2	1.9	1.8	2.8	2.5
Rochester.....	2.4	2.5	1.8	2.0	2.9	3.0	1.3	1.2	1.0	1.0
Syracuse.....	2.7	2.5	1.4	1.3	2.8	3.1	1.2	1.6	.8	.9
Utica-Rome.....	2.7	2.5	1.2	1.5	4.7	4.0	1.1	1.2	3.0	2.3
Westchester County ⁸	3.9	4.1	2.7	2.7	4.0	4.3	1.9	2.0	1.2	1.3
NORTH CAROLINA.....	4.2	3.7	3.4	3.1	4.5	4.4	3.2	2.8	.5	.8
Charlotte.....	5.7	4.9	4.2	4.7	5.5	5.0	3.7	3.4	.5	.2
Greensboro-Winston-Salem-High Point.....	3.6	3.3	3.2	3.0	3.9	4.5	2.8	2.6	.2	1.2
NORTH DAKOTA.....	4.9	2.9	3.7	2.1	5.8	3.0	2.0	1.3	3.1	.8
Fargo-Moorhead.....	5.6	4.0	2.1	2.8	16.2	4.2	2.5	1.5	12.7	1.9
OHIO.....	3.4	3.0	2.1	1.8	3.9	3.9	1.4	1.3	1.6	1.6
Akron.....	2.3	1.7	1.3	1.1	2.9	1.8	1.2	.9	1.1	.4
Canton.....	3.8	3.1	2.1	2.0	4.6	4.6	1.1	1.2	2.3	2.1
Cincinnati.....	5.2	3.7	4.2	2.2	3.7	4.1	1.8	1.6	1.0	1.5
Cleveland.....	3.0	3.0	1.9	2.2	3.9	4.1	1.5	1.6	1.3	1.5
Columbus.....	3.9	3.9	2.9	3.0	4.2	4.6	2.0	1.7	1.4	1.8
Dayton.....	2.6	2.2	1.3	1.3	3.0	3.6	1.1	.9	1.0	1.6
Toledo.....	3.8	3.1	2.1	1.6	4.2	3.8	1.1	1.2	1.5	1.4
Youngstown-Warren.....	2.5	2.6	.9	1.0	7.1	4.4	.6	.7	5.7	2.7
OKLAHOMA:										
Oklahoma City.....	7.0	5.7	5.5	4.9	7.7	5.9	3.6	3.8	3.1	1.3
Tulsa ⁹	4.9	4.5	4.3	4.3	5.5	5.7	2.9	3.0	1.3	1.1
OREGON ¹	5.0	3.8	3.5	2.9	5.1	5.5	1.9	1.6	2.4	3.1
Portland ¹	4.1	3.8	3.3	3.1	6.2	4.7	1.7	1.6	3.6	2.3

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

State and area	(Per 100 employees)									
	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970	Mar. 1970	Feb. 1970	
PENNSYLVANIA:										
Allentown-Bethlehem-Easton	3.0	3.2	2.3	2.3	3.3	3.5	1.5	1.7	1.1	1.0
Altoona	5.0	5.5	4.3	4.2	3.8	3.4	2.4	2.8	.9	.2
Erie	4.9	4.8	3.4	2.8	4.4	5.5	2.3	3.0	1.1	1.6
Harrisburg	2.8	2.3	2.1	1.8	2.9	3.2	1.6	1.4	.8	1.2
Johnstown	2.3	3.0	1.2	1.5	2.2	2.3	.9	1.0	.9	.8
Lancaster	4.3	3.9	3.4	3.3	4.3	3.7	3.1	2.4	.5	.6
Philadelphia	3.3	3.0	2.2	2.2	3.9	3.7	1.5	1.6	1.6	1.2
Pittsburgh	2.0	2.2	1.0	1.0	2.8	2.4	.7	.7	1.3	1.0
Reading	2.9	3.0	2.3	2.6	4.2	4.3	2.1	2.1	1.5	1.6
Scranton	2.9	3.1	1.5	1.6	4.3	4.0	1.2	1.1	2.5	2.4
Wilkes-Barre-Hazleton	3.4	3.3	2.3	2.3	3.7	2.9	1.8	1.5	.9	.6
York	4.2	3.9	3.5	3.1	5.6	3.8	2.8	2.6	2.2	.5
RHODE ISLAND:										
Providence-Pawtucket-Warwick	5.1	4.3	3.8	3.3	5.3	5.0	3.0	2.8	1.4	1.3
	4.9	4.1	3.8	3.1	5.1	4.6	2.9	2.7	1.3	1.2
SOUTH CAROLINA:										
Greenville	5.2	4.6	4.3	3.8	4.8	4.9	3.6	3.7	.2	.2
SOUTH DAKOTA:										
Sioux Falls	4.4	4.3	1.7	1.4	4.6	5.2	1.5	2.1	2.8	2.5
	7.3	5.4	3.2	1.3	5.6	6.5	1.4	1.6	4.1	4.3
TENNESSEE:										
Memphis	4.9	4.6	4.2	3.2	5.1	4.1	2.6	2.1	1.1	1.0
TEXAS:										
Dallas	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	3.4	3.9	3.1	3.5	5.4	5.0	2.6	3.1	1.9	.7
Fort Worth	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	3.7	3.8	3.4	3.5	3.7	3.6	2.4	2.3	.2	.2
Houston	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
	3.7	3.8	3.4	3.5	3.7	3.6	2.4	2.3	.2	.2
San Antonio	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
UTAH ⁴ :										
Salt Lake City ⁴	4.3	3.3	2.9	2.2	2.6	3.4	1.5	1.6	.4	1.3
	3.9	2.6	3.2	2.2	3.0	3.2	1.9	1.8	.6	1.0
VERMONT:										
Burlington	2.9	2.7	2.1	2.2	3.4	3.4	1.9	1.7	.9	1.1
Springfield	2.8	2.8	2.1	2.3	2.3	2.1	1.5	1.4	.5	.2
	1.4	1.9	1.0	1.7	3.7	2.4	1.3	1.2	1.6	.7
VIRGINIA:										
Richmond	3.4	3.3	2.5	2.4	3.8	3.8	2.2	2.1	.8	1.0
	2.7	2.8	2.4	2.6	3.4	3.2	1.9	1.8	.7	.7
WASHINGTON:										
Seattle-Everett ¹⁰	2.0	1.7	1.4	1.2	5.5	7.0	1.4	1.2	3.4	5.2
WEST VIRGINIA:										
Charleston	1.2	1.0	.9	.8	1.3	1.0	.3	.3	.6	.3
WISCONSIN:										
Milwaukee	3.3	3.3	2.3	2.3	3.7	3.5	1.5	1.6	1.1	1.1
	3.5	3.4	2.4	2.4	4.2	3.5	1.6	1.8	1.4	.7
WYOMING:										
	4.0	4.8	3.4	4.0	6.4	4.5	4.2	2.8	1.2	.8

¹ Excludes canning and preserving.

² Excludes agricultural chemicals and miscellaneous manufacturing.

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

⁴ Excludes canning and preserving, and sugar.

⁵ Excludes canning and preserving, and newspapers.

⁶ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁷ Subarea of Rochester Standard Metropolitan Statistical Area.

⁸ Subarea of New York Standard Metropolitan Statistical Area.

⁹ Excludes new-hire rate for transportation equipment.

¹⁰ 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)		
	May 1970	April 1970	May 1969	change to May 1970		May 1970	April 1970	May 1969
				April 1970	May 1969			
TOTAL ²	1,689.5	1,767.0	915.7	-77.5	+773.7	3.2	3.4	1.8
SEASONALLY ADJUSTED	1,885.6	1,631.1	1,025.9	+254.6	+859.7	3.6	3.1	2.0
Alabama	20.3	21.4	11.5	-1.1	+8.8	2.9	3.1	1.7
Alaska	4.6	5.0	2.5	-.4	+2.1	9.1	9.9	5.4
Arizona	7.6	7.4	4.7	+.2	+2.9	2.1	2.0	1.5
Arkansas	13.7	16.8	8.2	-3.1	+5.5	3.4	4.2	2.2
California*	259.8	254.3	167.2	+5.5	+92.6	5.0	4.9	3.3
Colorado	6.3	7.6	3.4	-1.3	+3.0	1.3	1.6	.7
Connecticut	33.9	35.8	18.1	-1.9	+15.8	3.4	3.6	1.9
Delaware	2.8	3.5	2.0	-.6	+.8	1.7	2.1	1.3
District of Columbia	4.8	5.1	3.6	-.4	+1.2	1.4	1.5	1.0
Florida	25.2	23.3	14.1	+2.0	+11.2	1.8	1.6	1.1
Georgia	17.7	19.6	9.4	-1.9	+8.3	1.6	1.8	.9
Hawaii	4.5	4.5	2.8	+.1	+1.7	1.9	1.9	1.3
Idaho	4.9	6.8	3.1	-1.9	+1.9	3.3	4.6	2.1
Illinois	100.6	73.4	35.8	+27.2	+64.8	3.1	2.3	1.1
Indiana	33.8	40.0	12.9	-6.2	+20.9	2.4	2.8	.9
Iowa	13.4	15.0	7.7	-1.6	+5.8	2.3	2.6	1.4
Kansas	15.5	16.3	6.4	-.9	+9.0	3.5	3.7	1.5
Kentucky	18.8	22.2	11.8	-3.4	+6.9	3.0	3.6	2.0
Louisiana	30.2	30.9	21.0	-.7	+9.2	4.2	4.3	2.9
Maine	9.1	10.5	7.1	-1.4	+2.0	4.1	4.7	3.3
Maryland	22.3	23.9	12.4	-1.5	+9.9	2.4	2.6	1.4
Massachusetts	65.8	69.2	39.3	-3.3	+26.5	3.9	4.1	2.3
Michigan	97.8	115.6	44.4	-17.8	+53.4	4.0	4.7	1.9
Minnesota	23.7	30.2	9.4	-6.6	+14.2	2.4	3.1	1.0
Mississippi	11.1	12.8	6.1	-1.7	+4.9	2.9	3.4	1.7
Missouri	51.7	50.8	21.6	+.9	+30.1	4.3	4.3	1.9
Montana	4.9	6.3	2.3	-1.5	+2.6	3.9	5.1	1.9
Nebraska	3.8	4.9	2.1	-1.1	+1.7	1.3	1.6	.7
Nevada	5.4	5.9	3.8	-.5	+1.6	3.6	4.0	2.8
New Hampshire	3.1	4.0	1.9	-1.0	+1.2	1.6	2.1	1.0
New Jersey	79.5	83.1	52.0	-3.6	+27.5	4.0	4.2	2.8
New Mexico	7.4	7.2	4.3	+.2	+3.1	4.2	4.1	2.5
New York	184.4	190.1	116.2	-5.7	+68.2	3.2	3.3	2.1
North Carolina	27.5	29.8	17.7	-2.3	+9.9	2.1	2.3	1.4
North Dakota	2.5	4.1	1.4	-1.6	+1.0	3.0	5.0	1.8
Ohio	69.6	80.8	21.9	-11.2	+47.7	2.4	2.7	.8
Oklahoma	13.8	16.0	8.7	-2.1	+5.1	2.9	3.3	1.9
Oregon	28.8	31.3	12.7	-2.5	+16.1	5.3	5.8	2.5
Pennsylvania	97.3	97.5	50.5	-.3	+46.7	2.9	2.9	1.5
Puerto Rico* ²	30.4	30.5	22.2	-.2	+8.2	8.0	8.1	6.2
Rhode Island	14.1	11.8	6.5	+2.4	+7.7	5.0	4.2	2.3
South Carolina	15.0	17.1	8.2	-2.1	+6.8	2.5	2.8	1.4
South Dakota	1.2	2.3	.8	-1.0	+.4	1.3	2.4	.9
Tennessee	31.4	37.6	21.6	-6.1	+9.9	3.3	3.9	2.4
Texas	32.4	34.6	19.0	-2.2	+13.4	1.3	1.4	.8
Utah	7.1	8.4	4.7	-1.3	+2.4	3.2	3.8	2.2
Vermont	3.5	3.9	1.9	-.4	+1.6	3.5	3.9	2.0
Virginia	9.8	11.9	6.1	-2.1	+3.8	1.0	1.2	.6
Washington	69.7	65.1	21.0	+4.6	+48.7	8.4	7.8	2.6
West Virginia	11.8	14.9	8.0	-3.1	+3.9	3.3	4.2	2.3
Wisconsin	34.0	44.4	13.1	-10.4	+20.9	3.0	3.9	1.2
Wyoming	1.1	1.6	.7	-.6	+.3	1.5	2.3	1.1

¹Based on unrounded data; changes of less than 50 not shown.

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

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

UNEMPLOYMENT INSURANCE DATA

E-2: Insured unemployment¹ in 150 major labor areas²

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

State and area	May 1970	April 1970	State and area	May 1970	April 1970	State and area	May 1970	April 1970	State and area	May 1970	April 1970
ALABAMA			INDIANA			NEW HAMPSHIRE			Pennsylvania-- continued		
Birmingham.....	3.7	4.1	Evansville.....	1.9	2.2	Manchester.....	.7	.8	York.....	1.9	2.
Mobile.....	2.3	2.4	Ft. Wayne.....	1.5	1.5						
			Gary-Hammond..	2.9	2.3	NEW JERSEY			PUERTO RICO*		
ARIZONA			Indianapolis....	5.0	7.6	Atlantic City....	2.5	3.1	Mayaguez.....	1.6	1.6
Phoenix.....	5.3	4.6	South Bend.....	2.6	2.6	Jersey City.....	13.4	12.8	Ponce.....	1.9	2.6
			Terre Haute.....	1.1	1.3	New Brunswick..	20.1	20.4	San Juan.....	6.3	6.0
ARKANSAS			IOWA			Paterson.....	8.0	7.7			
Little Rock.....	1.3	1.5	Cedar Rapids....	1.2	1.1	Trenton.....	17.2	17.9			
			Des Moines.....	1.2	1.1		2.3	2.3	RHODE ISLAND		
CALIFORNIA			KANSAS			NEW MEXICO			Providence.....	15.1	12.
Anaheim-S. Ana-			Wichita.....	8.1	8.4	Albuquerque....	2.8	2.6			
Garden Grove..	13.7	15.0							SOUTH CAROLINA		
Fresno.....	6.8	7.0	KENTUCKY			NEW YORK			Charleston.....	1.3	1.7
Los Angeles....	113.9	104.9	Louisville.....	4.5	4.8	Albany.....	3.9	5.0	Greenville.....	1.3	1.9
Sacramento.....	9.4	9.6				Binghamton.....	1.8	2.3			
San Bernardino..	12.0	11.1	LOUISIANA			Buffalo.....	11.1	13.5			
San Diego.....	15.3	14.3	Baton Rouge....	3.0	1.9	New York.....	136.1	127.9			
San Francisco..	39.0	37.9	New Orleans....	7.7	7.7	Rochester.....	7.2	7.4	TENNESSEE		
San Jose.....	14.5	13.9	Shreveport.....	2.1	2.3	Syracuse.....	5.0	6.1	Chattanooga....	2.1	2.0
Stockton.....	6.2	6.4				Utica.....	3.7	5.2	Knoxville.....	2.5	3.1
			MAINE			NORTH CAROLINA			Memphis.....	5.5	7.1
COLORADO			Portland.....	.7	.9	Asheville.....	.8	1.3	Nashville.....	3.2	3.4
Denver.....	3.7	4.3	MARYLAND			Charlotte.....	1.4	1.5			
			Baltimore.....	16.2	16.6	Durham.....	.4	.6	TEXAS		
CONNECTICUT						Greensboro--			Austin.....	.4	.5
Bridgeport.....	5.8	5.8	MASSACHUSETTS			Winston-Salem..	2.9	3.2	Beaumont.....	2.0	1.8
Hartford.....	5.5	6.2	Boston.....	27.9	28.3				Corpus Christi..	.9	.8
New Britain.....	1.9	1.8	Brockton.....	2.3	2.5	OHIO			Dallas.....	4.7	4.5
New Haven.....	4.1	4.5	Fall River.....	3.3	3.4	Akron.....	4.7	4.6	El Paso.....	1.7	2.0
Stamford.....	1.1	1.4	Lawrence.....	3.4	3.8	Canton.....	3.8	4.6	Ft. Worth.....	2.3	2.3
Waterbury.....	4.0	4.2	Lowell.....	2.6	2.7	Cincinnati.....	5.6	6.8	Houston.....	3.1	3.3
			New Bedford....	5.3	4.9	Cleveland.....	17.0	16.3	San Antonio....	2.3	2.3
DELAWARE			Springfield....	7.4	7.7	Columbus.....	3.8	4.9			
Wilmington.....	2.7	3.2	Worcester.....	3.3	3.6	Dayton.....	3.6	3.7	UTAH		
						Hamilton.....	1.1	1.4	Salt Lake City..	3.9	4
DIST. OF COL.			MICHIGAN			Lorain.....	1.9	2.2			
Washington.....	8.0	8.6	Battle Creek....	2.2	2.2	Steubenville...	.9	1.0	VIRGINIA		
			Detroit.....	47.2	53.5	Toledo.....	4.4	5.9	Hampton.....	1.2	1.3
FLORIDA			Flint.....	3.2	4.0	Youngstown....	6.2	6.2	Norfolk.....	1.1	1.4
Jacksonville....	.9	.9	Grand Rapids...	7.5	8.6				Richmond.....	1.0	.8
Miami.....	8.0	7.3	Kalamazoo.....	2.2	1.7	OKLAHOMA			Roanoke.....	.2	.2
Tampa.....	3.3	3.2	Lansing.....	3.1	3.4	Oklahoma City..	2.3	3.2			
			Muskegon.....	3.1	2.8	Tulsa.....	3.0	3.1	WASHINGTON		
GEORGIA			Saginaw.....	1.5	1.6				Seattle.....	39.7	35.6
Atlanta.....	4.9	7.4	MINNESOTA			OREGON			Spokane.....	3.4	3.6
Augusta.....	1.4	1.3	Duluth.....	1.6	2.0	Portland.....	14.4	13.7	Tacoma.....	7.4	6.9
Columbus.....	1.0	1.1	Minneapolis....	10.3	10.6						
Macon.....	1.2	1.1				PENNSYLVANIA			WEST VIRGINIA		
Savannah.....	.7	.8	MISSISSIPPI			Allentown.....	3.7	3.4	Charleston.....	2.4	2.4
			Jackson.....	1.0	1.1	Altoona.....	1.0	1.2	Huntington.....	2.3	2.5
HAWAII						Erie.....	1.8	2.0	Wheeling.....	1.6	1.8
Honolulu.....	3.1	3.2	MISSOURI			Harrisburg.....	1.8	2.0			
			Kansas City....	9.4	9.4	Johnstown.....	3.5	3.4	WISCONSIN		
ILLINOIS			St. Louis.....	34.4	34.2	Lancaster.....	1.1	1.3	Kenosha.....	1.5	4.3
Chicago.....	64.8	48.1				Philadelphia...	38.2	36.6	Madison.....	1.4	1.7
Davenport.....	2.7	2.8	NEBRASKA			Pittsburgh.....	20.0	19.0	Milwaukee.....	11.5	13.5
Peoria.....	1.6	1.8	Omaha.....	1.9	2.3	Reading.....	1.6	1.7	Racine.....	1.7	2.4
Rockford.....	2.9	2.5				Scranton.....	4.1	4.3			
						Wilkes-Barre...	6.6	5.2			

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

²For full name of labor area, see Area Trends in Employment and Unemployment published by the Manpower Administration.

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

ANNUAL REVISION TABLES

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ESTABLISHMENT DATA

A: Employees on nonagricultural payrolls, by industry, 1968 to date

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
TOTAL													
1968	65,765	66,115	66,475	67,178	67,492	68,518	68,087	68,280	68,705	69,063	69,370	69,931	67,915
1969	68,318	68,527	69,022	69,591	70,064	71,116	70,481	70,758	70,964	71,333	71,354	71,760	70,274
1970	69,933	70,029											
PRIVATE SECTOR													
1968	54,055	54,303	54,612	55,296	55,600	56,562	56,589	56,877	56,944	57,026	57,263	57,710	56,070
1969	56,185	56,292	56,754	57,329	57,772	58,788	58,688	59,059	58,916	58,958	58,893	59,206	58,070
1970	57,483	57,447											
MINING													
1968	582	582	584	608	612	627	631	632	623	568	614	612	606
1969	603	602	601	609	614	629	635	638	630	623	622	623	619
1970	611	608											
CONTRACT CONSTRUCTION													
1968	2,786	2,909	2,981	3,172	3,272	3,409	3,522	3,581	3,548	3,536	3,415	3,284	3,285
1969	3,045	3,021	3,107	3,285	3,434	3,628	3,707	3,731	3,687	3,648	3,553	3,398	3,437
1970	3,048	3,071											
MANUFACTURING													
1968	19,423	19,458	19,490	19,542	19,607	19,936	19,768	19,927	20,069	20,043	20,063	20,041	19,781
1969	19,836	19,928	20,017	19,996	20,027	20,387	20,164	20,497	20,482	20,395	20,194	20,110	20,169
1970	19,824	19,770											
DURABLE GOODS													
1968	11,500	11,487	11,498	11,554	11,579	11,726	11,630	11,541	11,700	11,708	11,783	11,801	11,626
1969	11,766	11,792	11,847	11,844	11,857	12,051	11,889	11,992	12,030	12,008	11,832	11,802	11,893
1970	11,623	11,573											
ORDNANCE AND ACCESSORIES													
1968	336.9	335.7	334.9	334.8	333.9	338.5	341.9	343.4	342.2	327.4	342.3	344.0	338.0
1969	341.4	337.2	334.8	330.5	328.2	325.2	322.1	313.9	305.8	298.3	297.1	291.3	318.8
1970	282.8	277.6											
LUMBER AND WOOD PRODUCTS													
1968	573.9	580.4	584.7	586.9	592.1	614.4	617.6	621.8	612.6	609.6	603.5	603.3	600.1
1969	592.8	596.4	600.7	598.6	611.6	634.7	627.5	629.3	616.7	604.4	600.1	597.0	609.2
1970	583.8	579.2											
FURNITURE AND FIXTURES													
1968	463.1	463.1	464.0	463.5	464.0	472.9	464.9	477.2	478.0	480.4	484.7	483.5	471.6
1969	480.9	482.8	481.7	481.7	480.6	487.1	476.2	488.4	486.8	488.1	485.2	482.2	483.5
1970	475.6	470.3											
STONE, CLAY, AND GLASS PRODUCTS													
1968	613.6	582.1	573.5	635.2	639.8	655.0	657.3	661.9	656.7	652.8	651.6	646.3	635.5
1969	635.0	634.5	641.9	649.8	651.9	670.8	670.9	674.0	669.0	664.7	661.9	650.9	656.3
1970	632.0	632.9											
PRIMARY METAL INDUSTRIES													
1968	1,306.8	1,313.3	1,317.3	1,337.1	1,342.7	1,347.3	1,342.3	1,316.4	1,293.6	1,274.7	1,285.8	1,309.0	1,315.5
1969	1,319.0	1,333.7	1,341.5	1,344.4	1,354.1	1,383.4	1,374.3	1,375.5	1,373.9	1,364.0	1,364.7	1,367.6	1,358.0
1970	1,351.4	1,346.6											
FABRICATED METAL PRODUCTS													
1968	1,370.6	1,366.4	1,369.6	1,370.4	1,375.1	1,401.4	1,374.6	1,385.7	1,399.5	1,415.4	1,426.6	1,429.2	1,390.4
1969	1,423.5	1,425.9	1,429.4	1,429.7	1,434.1	1,456.9	1,428.9	1,449.2	1,459.6	1,454.6	1,456.7	1,456.6	1,442.1
1970	1,433.1	1,421.1											
MACHINERY, EXC. ELECTRICAL													
1968	1,964.4	1,965.5	1,975.8	1,964.0	1,959.5	1,975.6	1,957.0	1,956.4	1,959.1	1,957.5	1,977.7	1,978.6	1,965.9
1969	1,997.3	2,018.4	2,022.4	2,028.8	2,022.7	2,048.1	2,032.1	2,022.2	2,032.9	2,036.0	2,028.6	2,043.2	2,027.7
1970	2,044.6	2,055.9											
ELECTRICAL EQUIPMENT AND SUPPLIES													
1968	1,982.5	1,977.5	1,966.9	1,955.4	1,955.2	1,969.4	1,952.9	1,971.2	1,980.3	1,986.0	1,995.6	2,001.5	1,974.5
1969	1,999.3	2,003.6	2,001.3	2,003.6	2,011.2	2,033.5	2,022.7	2,049.0	2,057.4	2,069.7	1,955.4	1,948.9	2,013.0
1970	1,928.2	1,995.2											

A: Employees on nonagricultural payrolls, by industry--Continued
1968 to date

(In thousands)													
Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
DURABLE GOODS--CONTINUED													
TRANSPORTATION EQUIPMENT													
1968	2,023.3	2,033.0	2,035.3	2,032.5	2,035.6	2,056.0	2,037.4	1,892.9	2,061.6	2,077.3	2,085.2	2,093.3	2,038.6
1969	2,087.2	2,066.9	2,089.6	2,068.7	2,050.2	2,086.8	2,022.9	2,056.0	2,096.5	2,088.2	2,049.2	2,042.9	2,067.1
1970	1,999.4	1,901.1											
INSTRUMENTS AND RELATED PRODUCTS													
1968	457.3	457.0	457.2	455.7	455.2	460.8	457.6	466.4	465.4	467.4	470.7	472.5	461.9
1969	470.3	472.5	475.5	476.0	476.6	480.5	477.4	482.1	476.8	476.2	476.9	477.7	476.5
1970	472.6	471.3											
MISCELLANEOUS MANUFACTURING INDUSTRIES													
1968	407.3	413.1	418.7	418.7	426.1	434.2	426.9	447.8	450.5	459.7	459.0	439.3	433.4
1969	419.0	419.7	427.9	431.8	436.2	444.0	433.7	452.0	454.9	463.4	456.4	443.7	440.2
1970	419.0	421.4											
NONDURABLE GOODS													
1968	7,923	7,971	7,992	7,988	8,028	8,210	8,138	8,386	8,369	8,335	8,280	8,240	8,155
1969	8,070	8,136	8,170	8,152	8,170	8,336	8,275	8,505	8,452	8,387	8,362	8,308	8,277
1970	8,201	8,197											
FOOD AND KINDRED PRODUCTS													
1968	1,706.1	1,685.0	1,689.8	1,700.1	1,711.4	1,788.0	1,819.2	1,918.5	1,913.5	1,866.9	1,803.6	1,775.5	1,781.5
1969	1,718.6	1,709.8	1,707.2	1,712.5	1,726.5	1,788.1	1,832.6	1,941.9	1,928.8	1,862.0	1,831.7	1,790.7	1,795.9
1970	1,744.3	1,739.9											
TOBACCO MANUFACTURES													
1968	82.7	82.0	78.4	70.6	74.2	75.3	75.7	94.9	101.2	99.2	90.8	89.7	84.6
1969	84.5	80.2	75.8	71.7	71.1	72.0	71.9	93.0	97.6	94.5	87.1	84.0	82.0
1970	79.9	77.4											
TEXTILE MILL PRODUCTS													
1968	963.6	978.9	980.9	983.3	988.2	1,007.5	989.0	1,008.3	1,005.5	1,005.6	1,010.2	1,005.6	993.9
1969	996.5	1,000.8	1,002.6	999.1	995.7	1,012.5	992.0	1,000.1	997.2	994.8	997.6	995.3	998.7
1970	987.6	979.9											
APPAREL AND OTHER TEXTILE PRODUCTS													
1968	1,366.1	1,402.6	1,408.9	1,392.2	1,402.3	1,426.8	1,361.3	1,422.6	1,426.3	1,430.6	1,422.2	1,407.2	1,405.8
1969	1,392.7	1,410.2	1,422.1	1,407.6	1,414.9	1,434.5	1,369.2	1,427.1	1,421.4	1,423.0	1,417.6	1,407.6	1,412.3
1970	1,388.8	1,404.0											
PAPER AND ALLIED PRODUCTS													
1968	678.1	677.7	677.8	680.4	682.5	698.0	693.4	702.0	698.1	698.0	703.4	705.2	691.2
1969	700.2	702.7	703.1	699.1	703.6	720.8	715.7	722.6	718.0	716.4	720.4	722.7	712.1
1970	716.0	714.2											
PRINTING AND PUBLISHING													
1968	1,047.8	1,051.4	1,056.7	1,058.0	1,058.0	1,066.3	1,065.8	1,070.8	1,067.2	1,074.3	1,080.2	1,085.0	1,065.1
1969	1,075.8	1,079.7	1,083.8	1,084.0	1,077.6	1,092.3	1,092.5	1,098.0	1,098.5	1,107.7	1,113.4	1,116.2	1,093.3
1970	1,107.7	1,110.0											
CHEMICALS AND ALLIED PRODUCTS													
1968	1,008.2	1,012.6	1,018.4	1,020.5	1,020.5	1,033.3	1,039.6	1,045.4	1,037.8	1,036.9	1,041.3	1,043.9	1,029.9
1969	1,041.0	1,047.9	1,054.9	1,058.8	1,056.8	1,072.9	1,076.1	1,076.5	1,063.9	1,058.1	1,059.9	1,062.1	1,060.7
1970	1,058.5	1,060.8											
PETROLEUM AND COAL PRODUCTS													
1968	181.1	182.2	183.0	184.0	185.9	190.7	192.5	192.1	189.2	187.9	187.2	185.6	186.8
1969	124.6	165.7	182.9	186.7	188.1	192.9	195.3	195.0	191.9	191.8	191.0	188.9	182.9
1970	188.0	188.4											
RUBBER AND PLASTICS PRODUCTS, NEC													
1968	537.9	543.6	544.0	547.5	551.5	562.4	554.2	570.6	574.7	580.6	582.2	586.3	561.3
1969	583.5	587.1	588.9	588.7	589.9	599.4	588.8	599.4	599.0	600.5	601.6	599.6	593.9
1970	593.4	588.2											

ESTABLISHMENT DATA

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A: Employees on nonagricultural payrolls, by industry--Continued
1968 to date

(in thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
NONDURABLE GOODS--CONTINUED													
LEATHER AND LEATHER PRODUCTS													
1968	351.8	355.4	354.4	351.4	353.8	361.4	347.2	361.2	355.2	355.2	359.2	355.8	355.2
1969	352.5	351.9	348.4	343.7	345.6	350.2	341.2	351.0	336.1	338.2	341.2	341.3	345.1
1970	336.7	334.6											
TRANSPORTATION AND PUBLIC UTILITIES													
1968	4,216	4,228	4,247	4,264	4,235	4,340	4,354	4,370	4,377	4,355	4,365	4,364	4,310
1969	4,289	4,296	4,328	4,379	4,411	4,494	4,507	4,510	4,508	4,481	4,486	4,478	4,431
1970	4,435	4,420											
WHOLESALE AND RETAIL TRADE													
1968	13,574	13,534	13,622	13,882	13,931	14,108	14,088	14,119	14,191	14,306	14,543	15,114	14,084
1969	14,190	14,099	14,200	14,399	14,517	14,713	14,663	14,670	14,714	14,850	15,092	15,638	14,645
1970	14,707	14,606											
WHOLESALE TRADE													
1968	3,520	3,523	3,528	3,541	3,553	3,630	3,660	3,669	3,654	3,672	3,689	3,697	3,611
1969	3,650	3,643	3,650	3,659	3,678	3,758	3,787	3,796	3,781	3,801	3,816	3,841	3,738
1970	3,797	3,788											
RETAIL TRADE													
1968	10,054	10,011	10,094	10,341	10,378	10,478	10,428	10,450	10,537	10,634	10,854	11,417	10,473
1969	10,540	10,456	10,550	10,740	10,839	10,955	10,876	10,874	10,933	11,049	11,276	11,797	10,907
1970	10,910	10,818											
FINANCE, INSURANCE, AND REAL ESTATE													
1968	3,274	3,294	3,313	3,334	3,351	3,390	3,432	3,456	3,422	3,429	3,437	3,446	3,382
1969	3,445	3,465	3,489	3,515	3,533	3,584	3,628	3,641	3,595	3,589	3,597	3,608	3,557
1970	3,604	3,615											
SERVICES													
1968	10,200	10,298	10,375	10,494	10,592	10,752	10,794	10,792	10,714	10,789	10,826	10,849	10,623
1969	10,777	10,881	11,012	11,146	11,236	11,353	11,384	11,372	11,300	11,372	11,349	11,351	11,211
1970	11,254	11,357											
GOVERNMENT													
1968	11,710	11,812	11,863	11,882	11,892	11,956	11,498	11,403	11,761	12,037	12,107	12,221	11,845
1969	12,133	12,235	12,268	12,262	12,292	12,328	11,793	11,699	12,048	12,375	12,461	12,554	12,204
1970	12,450	12,582											
FEDERAL GOVERNMENT													
1968	2,697	2,697	2,699	2,712	2,710	2,815	2,844	2,795	2,705	2,694	2,703	2,769	2,737
1969	2,735	2,739	2,737	2,747	2,740	2,832	2,842	2,804	2,733	2,717	2,705	2,760	2,758
1970	2,690	2,694											
STATE AND LOCAL GOVERNMENT													
1968	9,013	9,115	9,164	9,170	9,182	9,141	8,654	8,608	9,056	9,343	9,404	9,452	9,109
1969	9,398	9,496	9,531	9,515	9,552	9,496	8,951	8,895	9,315	9,658	9,756	9,794	9,446
1970	9,760	9,888											

B: Production or nonsupervisory workers¹ on private nonagricultural payrolls,
1968 to date

(in thousands)

TOTAL PRIVATE													
1968	44,650	44,879	45,173	45,815	46,076	46,944	46,901	47,156	47,268	47,324	47,558	47,970	46,475
1969	46,454	46,522	46,924	47,447	47,834	48,652	48,613	48,953	48,844	48,873	48,797	49,097	48,084
1970	47,373	47,316											
MANUFACTURING													
1968	14,230	14,255	14,279	14,329	14,380	14,647	14,441	14,594	14,774	14,750	14,760	14,723	14,514
1969	14,533	14,610	14,670	14,637	14,655	14,958	14,700	15,014	15,041	14,953	14,763	14,680	14,768
1970	14,402	14,346											
DURABLE GOODS													
1968	8,372	8,354	8,362	8,418	8,432	8,547	8,425	8,335	8,521	8,527	8,592	8,602	8,457
1969	8,562	8,592	8,627	8,620	8,624	8,794	8,612	8,701	8,767	8,744	8,580	8,556	8,648
1970	8,377	8,327											
NONDURABLE GOODS													
1968	5,858	5,901	5,917	5,911	5,948	6,100	6,016	6,259	6,253	6,223	6,168	6,121	6,056
1969	5,971	6,018	6,043	6,017	6,031	6,164	6,088	6,313	6,274	6,209	6,183	6,124	6,120
1970	6,025	6,019											

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

ESTABLISHMENT DATA

C: Hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls,
1968 to date

Year	January	February	March	April	May	June	July	August	September	October	November	December	Annual Average
TOTAL PRIVATE													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1968	103.22	104.53	104.90	104.72	106.69	108.20	108.87	109.54	110.87	110.29	109.50	110.75	107.73
1969	110.33	110.11	111.38	112.13	113.55	115.22	115.90	116.59	117.87	117.31	117.38	117.62	114.61
1970	116.12	116.55											
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1968	2.76	2.78	2.79	2.80	2.83	2.84	2.85	2.86	2.91	2.91	2.92	2.93	2.85
1969	2.95	2.96	2.97	2.99	3.02	3.04	3.05	3.06	3.11	3.12	3.13	3.12	3.04
1970	3.13	3.15											
AVERAGE WEEKLY HOURS													
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	37.4	37.2	37.5	37.5	37.6	37.9	38.0	38.1	37.9	37.6	37.5	37.7	37.7
1970	37.1	37.0											
MANUFACTURING													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1968	117.60	119.36	120.18	118.21	122.29	123.30	122.10	121.69	125.66	125.77	125.97	127.82	122.51
1969	126.05	124.80	127.39	127.58	128.61	130.06	128.88	129.92	132.84	132.28	132.36	134.89	129.51
1970	131.93	130.94											
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1968	2.94	2.94	2.96	2.97	2.99	3.00	3.00	2.99	3.05	3.06	3.08	3.11	3.01
1969	3.12	3.12	3.13	3.15	3.16	3.18	3.19	3.20	3.24	3.25	3.26	3.29	3.19
1970	3.29	3.29											
AVERAGE WEEKLY HOURS													
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	40.5	40.7	40.9	40.4	40.6	41.0	40.7	40.6	41.0	40.6
1970	40.1	39.8											
AVERAGE WEEKLY OVERTIME HOURS													
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	3.5	3.6	3.7	3.5	3.7	4.0	3.7	3.6	3.6	3.6
1970	3.2	3.0											
DURABLE GOODS													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1968	127.70	128.54	129.68	127.26	132.29	132.61	131.02	130.29	135.01	135.85	136.36	137.61	132.07
1969	136.04	135.05	137.45	137.61	138.69	139.86	138.24	139.33	143.45	142.83	142.55	145.53	140.01
1970	142.04	140.24											
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1968	3.13	3.12	3.14	3.15	3.18	3.18	3.18	3.17	3.23	3.25	3.27	3.30	3.19
1969	3.31	3.31	3.32	3.34	3.35	3.37	3.38	3.39	3.44	3.45	3.46	3.49	3.39
1970	3.49	3.48											
AVERAGE WEEKLY HOURS													
1968	40.8	41.2	41.3	40.4	41.6	41.7	41.2	41.1	41.8	41.8	41.7	41.7	41.4
1969	41.1	40.8	41.4	41.2	41.4	41.5	40.9	41.1	41.7	41.4	41.2	41.7	41.3
1970	40.7	40.3											
AVERAGE WEEKLY OVERTIME HOURS													
1968	3.5	3.4	3.5	3.0	3.8	3.9	3.6	3.7	4.2	4.2	4.2	4.1	3.8
1969	3.7	3.6	3.7	3.6	3.7	3.9	3.6	3.8	4.2	3.9	3.7	3.8	3.8
1970	3.3	3.0											
NONDURABLE GOODS													
AVERAGE WEEKLY EARNINGS-IN DOLLARS													
1968	103.86	106.40	106.79	104.76	108.26	109.47	110.00	110.55	112.03	111.88	112.12	113.08	109.05
1969	111.50	110.48	113.15	113.08	114.34	115.31	116.22	116.51	118.00	117.51	118.21	119.60	115.53
1970	117.99	117.69											
AVERAGE HOURLY EARNINGS-IN DOLLARS													
1968	2.67	2.68	2.69	2.70	2.72	2.73	2.75	2.75	2.78	2.79	2.81	2.82	2.74
1969	2.83	2.84	2.85	2.87	2.88	2.89	2.92	2.92	2.95	2.96	2.97	2.99	2.91
1970	3.01	3.01											
AVERAGE WEEKLY HOURS													
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	39.4	39.7	39.9	39.8	39.9	40.0	39.7	39.8	40.0	39.7
1970	39.2	39.1											
AVERAGE WEEKLY OVERTIME HOURS													
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	3.2	3.3	3.4	3.4	3.5	3.7	3.5	3.4	3.4	3.4
1970	3.1	3.0											

ESTABLISHMENT DATA SEASONALLY ADJUSTED

D: Employees on nonagricultural payrolls, by industry, seasonally adjusted,
1968 to date

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
TOTAL												
1968	66,754	67,166	67,306	67,500	67,567	67,809	67,962	68,152	68,288	68,547	68,805	69,039
1969	69,352	69,605	69,827	69,992	70,172	70,347	70,400	70,497	70,567	70,836	70,808	70,842
1970	70,992	71,135										
MINING												
1968	596	599	599	614	611	612	615	615	616	566	615	616
1969	617	619	616	615	614	614	618	621	623	622	624	627
1970	625	626										
CONTRACT CONSTRUCTION												
1968	3,109	3,278	3,290	3,296	3,269	3,250	3,275	3,280	3,300	3,336	3,335	3,386
1969	3,391	3,410	3,422	3,425	3,441	3,442	3,439	3,420	3,436	3,445	3,473	3,496
1970	3,394	3,466										
MANUFACTURING												
1968	19,612	19,627	19,637	19,704	19,746	19,793	19,788	19,810	19,838	19,864	19,939	20,010
1969	20,023	20,092	20,171	20,182	20,195	20,248	20,247	20,246	20,252	20,233	20,082	20,082
1970	20,018	19,937										
DURABLE GOODS												
1968	11,556	11,543	11,539	11,592	11,610	11,621	11,633	11,629	11,639	11,652	11,718	11,769
1969	11,818	11,843	11,893	11,903	11,915	11,957	11,955	11,950	11,968	11,965	11,782	11,773
1970	11,679	11,625										
ORDNANCE AND ACCESSORIES												
1968	335	335	335	336	336	339	342	345	342	327	341	342
1969	339	336	335	332	330	326	322	316	306	298	296	290
1970	281	277										
LUMBER AND WOOD PRODUCTS												
1968	595	602	600	598	594	592	597	599	601	605	605	613
1969	614	616	616	610	614	612	608	607	606	601	603	606
1970	605	598										
FURNITURE AND FIXTURES												
1968	465	465	466	468	469	472	473	473	474	475	479	479
1969	482	485	485	487	486	486	484	484	483	483	479	478
1970	477	472										
STONE, CLAY, AND GLASS PRODUCTS												
1968	635	605	588	639	639	641	641	643	644	646	648	654
1969	656	658	658	654	652	656	655	655	657	658	659	659
1970	653	657										
PRIMARY METAL INDUSTRIES												
1968	1,315	1,316	1,316	1,330	1,333	1,321	1,326	1,309	1,299	1,295	1,305	1,321
1969	1,327	1,336	1,340	1,338	1,343	1,356	1,358	1,367	1,381	1,386	1,384	1,380
1970	1,360	1,349										
FABRICATED METAL PRODUCTS												
1968	1,375	1,373	1,378	1,379	1,382	1,389	1,390	1,387	1,393	1,406	1,413	1,419
1969	1,426	1,433	1,438	1,438	1,443	1,444	1,446	1,451	1,452	1,445	1,444	1,447
1970	1,436	1,428										
MACHINERY, EXC. ELECTRICAL												
1968	1,963	1,958	1,964	1,956	1,958	1,960	1,955	1,962	1,967	1,973	1,990	1,987
1969	1,995	2,010	2,010	2,021	2,021	2,032	2,032	2,028	2,041	2,050	2,043	2,061
1970	2,043	2,048										
ELECTRICAL EQUIPMENT AND SUPPLIES												
1968	1,977	1,978	1,979	1,973	1,977	1,973	1,975	1,967	1,972	1,968	1,974	1,982
1969	1,993	2,002	2,013	2,024	2,036	2,038	2,045	2,043	2,049	2,051	1,934	1,930
1970	1,922	1,993										

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

**D: Employees on nonagricultural payrolls, by industry, seasonally adjusted--Continued
1968 to date**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
DURABLE GOODS--CONTINUED												
TRANSPORTATION EQUIPMENT												
1968	2,009	2,021	2,023	2,028	2,034	2,044	2,041	2,045	2,049	2,055	2,056	2,058
1969	2,075	2,055	2,080	2,080	2,070	2,087	2,086	2,081	2,078	2,078	2,028	2,009
1970	1,988	1,890										
INSTRUMENTS AND RELATED PRODUCTS												
1968	458	458	458	458	458	459	458	464	465	467	469	471
1969	471	473	476	478	480	479	478	479	477	476	476	476
1970	474	472										
MISCELLANEOUS MANUFACTURING INDUSTRIES												
1968	429	432	432	427	430	431	435	435	433	435	438	443
1969	440	439	442	441	440	441	441	439	438	439	436	447
1970	440	441										
NONDURABLE GOODS												
1968	8,056	8,084	8,098	8,112	8,136	8,172	8,155	8,181	8,199	8,212	8,221	8,241
1969	8,205	8,249	8,278	8,279	8,280	8,291	8,292	8,296	8,284	8,268	8,300	8,309
1970	8,339	8,312										
FOOD AND KINDRED PRODUCTS												
1968	1,777	1,772	1,775	1,782	1,779	1,793	1,780	1,781	1,785	1,783	1,779	1,790
1969	1,790	1,798	1,793	1,795	1,795	1,792	1,795	1,801	1,799	1,780	1,806	1,805
1970	1,817	1,830										
TOBACCO MANUFACTURES												
1968	83	85	86	80	85	85	86	88	86	85	84	83
1969	84	83	83	82	82	82	81	86	83	81	80	77
1970	80	80										
TEXTILE MILL PRODUCTS												
1968	974	986	984	986	991	996	996	1,000	1,001	1,001	1,005	1,006
1969	1,008	1,008	1,006	1,003	1,000	1,000	999	992	992	991	993	995
1970	999	987										
APPAREL AND OTHER TEXTILE PRODUCTS												
1968	1,391	1,397	1,401	1,405	1,407	1,413	1,408	1,404	1,412	1,414	1,410	1,410
1969	1,420	1,405	1,415	1,419	1,418	1,419	1,416	1,410	1,409	1,406	1,405	1,410
1970	1,416	1,398										
PAPER AND ALLIED PRODUCTS												
1968	683	684	684	687	689	690	690	694	695	697	701	702
1969	705	708	710	706	710	712	712	714	715	716	718	720
1970	721	720										
PRINTING AND PUBLISHING												
1968	1,053	1,055	1,058	1,059	1,063	1,064	1,066	1,070	1,068	1,072	1,076	1,079
1969	1,081	1,083	1,085	1,085	1,083	1,090	1,093	1,097	1,100	1,106	1,109	1,110
1970	1,113	1,113										
CHEMICALS AND ALLIED PRODUCTS												
1968	1,017	1,020	1,020	1,019	1,023	1,025	1,028	1,033	1,037	1,041	1,046	1,049
1969	1,051	1,054	1,057	1,058	1,059	1,064	1,064	1,064	1,064	1,062	1,064	1,067
1970	1,068	1,067										
PETROLEUM AND COAL PRODUCTS												
1968	186	186	187	186	187	187	187	187	187	187	188	188
1969	128	170	187	189	189	189	189	190	189	191	191	192
1970	193	193										
RUBBER AND PLASTICS PRODUCTS												
1968	539	545	547	551	555	560	563	569	572	576	576	581
1969	585	590	593	593	595	596	597	597	596	596	596	594
1970	595	591										

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

**D: Employees on nonagricultural payrolls, by industry, seasonally adjusted--Continued
1968 to date**

(In thousands)

Year	January	February	March	April	May	June	July	August	September	October	November	December
NONDURABLE GOODS--CONTINUED												
LEATHER AND LEATHER PRODUCTS												
1968	353	354	356	357	357	359	351	355	356	356	356	353
1969	353	350	349	349	349	347	346	345	337	339	338	339
1970	337	333										
TRANSPORTATION AND PUBLIC UTILITIES												
1968	4,285	4,301	4,303	4,298	4,248	4,293	4,307	4,318	4,329	4,333	4,348	4,355
1969	4,359	4,370	4,385	4,414	4,420	4,445	4,454	4,457	4,459	4,463	4,464	4,469
1970	4,507	4,496										
WHOLESALE AND RETAIL TRADE												
1968	13,786	13,887	13,938	13,987	14,016	14,048	14,097	14,159	14,215	14,280	14,308	14,255
1969	14,412	14,466	14,495	14,546	14,606	14,647	14,673	14,713	14,739	14,824	14,848	14,750
1970	14,938	14,987										
WHOLESALE TRADE												
1968	3,548	3,566	3,574	3,588	3,596	3,612	3,617	3,625	3,636	3,646	3,656	3,664
1969	3,679	3,687	3,698	3,707	3,723	3,736	3,742	3,751	3,762	3,775	3,782	3,807
1970	3,828	3,834										
RETAIL TRADE												
1968	10,238	10,321	10,364	10,399	10,420	10,436	10,480	10,534	10,579	10,634	10,652	10,591
1969	10,733	10,779	10,797	10,839	10,883	10,911	10,931	10,962	10,977	11,049	11,066	10,943
1970	11,110	11,153										
FINANCE, INSURANCE, AND REAL ESTATE												
1968	3,314	3,327	3,336	3,347	3,358	3,363	3,375	3,398	3,412	3,436	3,451	3,463
1969	3,487	3,500	3,514	3,529	3,540	3,556	3,567	3,580	3,584	3,596	3,611	3,626
1970	3,648	3,652										
SERVICES												
1968	10,398	10,455	10,480	10,494	10,529	10,583	10,614	10,675	10,693	10,778	10,859	10,925
1969	10,986	11,047	11,112	11,146	11,170	11,174	11,205	11,248	11,289	11,361	11,383	11,431
1970	11,472	11,530										
GOVERNMENT												
1968	11,654	11,692	11,723	11,760	11,790	11,867	11,891	11,897	11,885	11,954	11,950	12,029
1969	12,077	12,101	12,112	12,135	12,186	12,221	12,197	12,212	12,185	12,292	12,323	12,361
1970	12,390	12,441										
FEDERAL GOVERNMENT												
1968	2,721	2,721	2,721	2,726	2,726	2,771	2,772	2,740	2,719	2,713	2,712	2,726
1969	2,763	2,764	2,759	2,761	2,757	2,782	2,765	2,749	2,747	2,739	2,730	2,721
1970	2,717	2,718										
STATE AND LOCAL GOVERNMENT												
1968	8,933	8,971	9,002	9,034	9,064	9,096	9,119	9,157	9,166	9,241	9,238	9,303
1969	9,314	9,337	9,353	9,374	9,429	9,439	9,432	9,463	9,438	9,553	9,593	9,640
1970	9,673	9,723										

**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,
1968 to date**

(In thousands)

MANUFACTURING												
1968	14,397	14,398	14,399	14,470	14,496	14,531	14,515	14,521	14,543	14,562	14,632	14,677
1969	14,699	14,747	14,800	14,798	14,790	14,844	14,839	14,826	14,826	14,794	14,638	14,638
1970	14,573	14,489										
DURABLE GOODS												
1968	8,421	8,396	8,390	8,446	8,451	8,454	8,458	8,441	8,456	8,462	8,527	8,560
1969	8,609	8,631	8,660	8,666	8,662	8,707	8,706	8,698	8,713	8,703	8,522	8,516
1970	8,425	8,367										
NONDURABLE GOODS												
1968	5,976	6,002	6,009	6,024	6,045	6,077	6,057	6,080	6,087	6,100	6,105	6,117
1969	6,090	6,116	6,140	6,132	6,128	6,137	6,133	6,128	6,113	6,091	6,116	6,122
1970	6,148	6,122										

**F: Average weekly hours of production workers on manufacturing payrolls, seasonally adjusted,
1968 to date**

MANUFACTURING												
1968	40.2	40.7	40.7	40.1	40.9	40.9	40.9	40.7	40.9	40.9	40.8	40.8
1969	40.6	40.1	40.9	40.8	40.7	40.7	40.6	40.6	40.7	40.5	40.5	40.7
1970	40.3	39.9										
DURABLE GOODS												
1968	41.0	41.4	41.4	40.6	41.6	41.5	41.5	41.3	41.5	41.6	41.6	41.3
1969	41.4	41.0	41.5	41.4	41.4	41.3	41.3	41.2	41.4	41.2	41.1	41.3
1970	41.0	40.5										
NONDURABLE GOODS												
1968	39.3	39.9	39.9	39.2	39.9	39.9	39.9	39.9	40.0	40.0	39.7	39.9
1969	39.8	39.1	39.9	39.8	39.8	39.7	39.8	39.7	39.7	39.6	39.6	39.8
1970	39.6	39.3										

**G: Average weekly overtime hours of production workers on manufacturing payrolls, seasonally adjusted,
1968 to date**

MANUFACTURING												
1968	3.4	3.5	3.5	3.1	3.6	3.7	3.6	3.6	3.7	3.7	3.8	3.7
1969	3.8	3.5	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.5	3.5	3.5
1970	3.3	3.2										
DURABLE GOODS												
1968	3.6	3.6	3.6	3.2	3.9	3.9	3.8	3.7	3.8	3.9	4.0	3.9
1969	3.9	3.9	3.9	3.8	3.8	3.9	3.8	3.8	3.8	3.6	3.5	3.6
1970	3.4	3.2										
NONDURABLE GOODS												
1968	3.3	3.3	3.3	2.9	3.3	3.4	3.4	3.4	3.4	3.3	3.4	3.4
1969	3.6	3.2	3.4	3.4	3.4	3.4	3.4	3.4	3.3	3.3	3.3	3.3
1970	3.4	3.2										

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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 1969 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.
TOTAL ¹												
MINING	97.7	97.2	97.5	99.0	100.0	102.4	102.7	102.8	101.2	100.2	99.7	99.4
CONTRACT CONSTRUCTION	89.8	88.6	90.8	95.9	99.8	105.4	107.8	109.1	107.3	105.9	102.3	97.2
MANUFACTURING ¹												
DURABLE GOODS ¹												
Ordnance and accessories	100.6	100.3	99.9	99.7	99.4	99.9	99.9	99.5	99.8	100.1	100.5	100.5
Lumber and wood products	96.5	96.9	97.6	98.2	99.6	103.8	103.3	103.7	101.8	100.6	99.6	98.5
Furniture and fixtures	99.8	99.6	99.4	99.0	98.9	100.2	98.3	100.9	100.7	101.1	101.2	100.9
Stone, clay, and glass products	96.8	96.4	97.6	99.3	100.0	102.2	102.5	102.9	101.9	101.0	100.5	98.8
Primary metal industries	99.4	99.8	100.1	100.5	100.8	102.0	101.2	100.6	99.5	98.4	98.6	99.1
Fabricated metal products	99.8	99.5	99.4	99.4	99.4	100.9	98.8	99.9	100.5	100.7	100.9	100.7
Machinery, except electrical	100.1	100.4	100.6	100.4	100.1	100.8	100.0	99.7	99.6	99.3	99.3	99.6
Electrical equipment and supplies	100.3	100.1	99.4	99.0	98.8	99.8	98.9	100.3	100.4	100.9	101.1	101.0
Transportation equipment	100.6	100.6	100.7	100.2	100.0	100.7	100.2	99.5	99.7	101.2	101.3	101.7
Instruments and related products	99.8	99.8	99.9	99.6	99.4	100.4	99.9	100.7	100.0	100.0	100.3	100.4
Miscellaneous manufacturing industries	95.2	95.6	96.9	97.9	99.1	100.7	98.3	102.9	103.9	105.5	104.7	99.4
NONDURABLE GOODS ¹												
Food and kindred products	96.0	95.1	95.2	95.4	96.2	99.8	102.1	107.8	107.2	104.6	101.4	99.2
Tobacco manufactures	100.1	96.3	91.5	87.9	86.9	88.2	88.6	108.5	118.2	116.7	108.4	108.7
Textile mill products	98.9	99.3	99.7	99.6	99.6	101.3	99.3	100.8	100.5	100.4	100.5	100.0
Apparel and other textile products	98.1	100.4	100.5	99.2	99.8	101.1	96.7	101.2	100.9	101.2	100.9	99.8
Paper and allied products	99.3	99.2	99.1	99.0	99.1	101.3	100.5	101.2	100.4	100.0	100.4	100.4
Printing and publishing	99.5	99.7	99.9	99.9	99.5	100.2	100.0	100.1	99.9	100.2	100.4	100.6
Chemicals and allied products	99.1	99.4	99.8	100.1	99.8	100.8	101.1	101.2	100.0	99.6	99.6	99.5
Petroleum and coal products	97.4	97.7	97.8	98.8	99.7	102.1	103.2	102.8	101.4	100.6	99.8	98.5
Rubber and plastics products, nec.	99.8	99.6	99.4	99.2	99.2	100.5	98.6	100.4	100.5	100.8	101.0	100.9
Leather and leather products	99.8	100.5	99.7	98.6	99.1	100.8	98.6	101.7	99.8	99.8	100.9	100.7
TRANSPORTATION AND PUBLIC UTILITIES	98.4	98.3	98.7	99.2	99.8	101.1	101.2	101.2	101.1	100.4	100.5	100.2
WHOLESALE AND RETAIL TRADE ¹												
WHOLESALE TRADE	99.2	98.8	98.7	98.7	98.8	100.6	101.2	101.2	100.5	100.7	100.9	100.9
RETAIL TRADE	98.2	97.0	97.6 ^{3/}	99.2 ^{3/}	99.6	100.4	99.5	99.2	99.6	100.0	101.9	107.8
FINANCE, INSURANCE, AND REAL ESTATE	98.8	99.0	99.3	99.6	99.8	100.8	101.7	101.7	100.3	99.8	99.6	99.5
SERVICES	98.1	98.5	99.1	100.0	100.6	101.6	101.6	101.1	100.1	100.1	99.7	99.3
Hotels and other lodging places	91.6	93.2	94.2	97.0	99.4	105.2	116.7	116.7	102.3	97.1	94.0	92.6
Personal services	98.9	98.5	99.1	100.0	100.5	101.6	100.7	99.8	99.6	100.3	100.4	100.6
Medical and other health services	99.6	99.8	99.8	99.7	99.5	100.7	101.0	100.5	99.8	99.9	100.0	99.6
Educational services	103.4	104.5	104.8	104.1	103.9	96.1	87.6	85.8	96.1	103.8	105.3	104.5
GOVERNMENT ¹												
FEDERAL ⁴	99.0	99.1	99.2	99.5	99.4	101.8	102.8	102.0	99.5	99.2	99.1	99.4
STATE AND LOCAL	100.9	101.7	101.9	101.5	101.3	100.6	94.9	94.0	98.7	101.1	101.7	101.6

¹ Seasonally adjusted data derived by summation of components.
² Factors shown for July, August & September are based on data excluding motor vehicles (SIC 371).
³ Factors shown are for 1971. The factors used for March and April 1970 were 97.9 and 98.9 respectively.
⁴ 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	94.6	82.8	91.8	92.3	100.2	133.6	107.6	123.5	123.1	106.2	81.1	63.1
New hires	87.6	80.3	87.1	91.4	102.9	143.6	103.9	122.2	126.9	112.1	82.0	59.8
Total separations	95.8	83.8	90.1	91.6	92.7	91.6	108.2	123.1	136.3	105.3	88.7	92.9
Quits	85.1	78.2	88.8	94.7	97.7	94.3	94.7	143.6	169.1	109.1	81.3	63.3
Layoffs	111.7	91.9	89.4	85.4	80.4	80.2	140.3	95.1	91.1	102.0	104.0	128.8

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.
MANUFACTURING	95.9	94.5	94.8	94.5	98.4	100.9	96.6	101.5	110.1	105.3	103.3	104.2
DURABLE GOODS	97.0	93.5	95.7	93.6	97.5	100.6	94.5	99.9	110.3	106.9	105.4	105.1
NONDURABLE GOODS	92.3	94.3	94.2	94.4	97.2	100.9	100.8	103.9	111.5	105.9	102.8	101.9

4: Seasonal adjustment factors for average weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL PRIVATE	99.0	99.3	99.5	99.1	99.6	100.5	100.9	101.1	100.6	100.2	99.8	100.3
MINING	99.1	98.1	98.2	99.9	100.2	101.1	101.0	101.1	100.7	100.8	99.6	100.2
CONTRACT CONSTRUCTION	97.2	96.4	97.8	99.0	100.1	102.0	103.0	103.2	103.2	101.9	97.5	98.5
MANUFACTURING	99.4	99.7	99.6	99.3	99.9	100.4	99.4	100.0	100.8	100.5	100.3	100.7
DURABLE GOODS	99.3	99.5	99.8	99.5	100.1	100.4	99.1	99.7	100.8	100.6	100.3	100.9
Ordnance and accessories	100.9	98.8	99.3	99.3	100.0	100.2	98.8	99.5	100.8	100.3	100.8	101.3
Lumber and wood products	98.8	98.3	100.0	99.9	101.0	101.3	99.7	100.7	100.8	100.9	99.2	99.5
Furniture and fixtures	98.5	98.5	99.2	98.4	99.1	100.5	98.7	101.2	101.5	101.7	100.8	102.0
Stone, clay, and glass products	98.1	98.1	98.9	99.8	100.6	101.0	100.2	101.1	101.3	101.0	100.2	99.8
Primary metal industries	100.3	99.7	100.2	100.7	100.4	100.7	101.1	99.7	100.1	99.0	99.5	99.9
Fabricated metal products	99.0	98.9	99.3	99.2	100.2	100.6	99.0	100.2	101.4	100.8	100.5	100.8
Machinery, except electrical	99.9	100.1	100.7	100.1	100.1	100.2	98.7	98.8	100.3	99.9	100.0	101.1
Electrical equipment and supplies	99.6	100.0	99.7	98.9	99.7	100.2	98.6	99.8	100.8	100.4	100.9	101.4
Transportation equipment	99.8	98.2	98.9	98.7	100.2	99.9	98.8	98.3	101.6	101.7	102.0	101.9
Instruments and related products	99.6	100.0	99.9	99.4	99.7	100.2	99.0	99.6	100.6	100.4	100.6	100.9
Miscellaneous manufacturing industries	98.7	100.4	100.1	99.4	99.8	100.3	98.2	100.1	100.5	101.0	100.9	100.5
NONDURABLE GOODS	98.9	99.5	99.6	99.0	99.8	100.4	100.1	100.6	100.8	100.3	100.4	100.5
Food and kindred products	98.9	98.3	98.7	98.2	99.4	100.4	101.3	101.3	102.1	100.3	100.5	100.6
Tobacco manufactures	97.1	99.0	97.0	96.9	99.2	101.5	99.0	100.8	104.2	103.5	100.2	101.7
Textile mill products	99.1	99.8	99.8	98.3	99.7	100.7	99.1	100.3	100.7	100.7	100.9	100.9
Apparel and other textile products	98.8	100.1	100.6	99.6	100.1	100.5	99.7	101.0	100.0	100.1	99.9	99.6
Paper and allied products	99.0	99.0	99.5	99.1	99.9	100.2	100.1	100.4	101.0	100.6	100.4	100.9
Printing and publishing	98.6	99.4	100.0	99.5	99.7	99.9	99.8	100.6	100.8	100.4	100.1	101.1
Chemicals and allied products	99.3	99.3	99.9	100.5	100.2	100.1	99.7	99.7	100.1	100.0	100.5	100.4
Petroleum and coal products	98.7	97.8	99.1	100.8	100.8	100.5	101.9	100.2	101.0	100.4	100.2	98.6
Rubber and plastics products, n e c	99.6	99.1	99.2	99.0	99.8	100.1	99.0	100.2	101.3	101.0	100.8	100.9
Leather and leather products	100.5	100.8	99.1	97.1	99.5	101.2	100.9	100.5	99.1	99.5	100.3	101.6
TRANSPORTATION AND PUBLIC UTILITIES	99.6	99.6	99.0	99.0	99.5	100.3	100.9	100.7	100.5	100.3	100.5	100.1
WHOLESALE AND RETAIL TRADE ¹	99.2	98.9	99.1	99.0	99.0	100.7	102.3	102.5	100.2	99.4	99.1	100.5
WHOLESALE TRADE	99.7	99.5	99.7	99.5	99.6	100.2	100.7	100.5	100.1	100.0	99.8	100.6
RETAIL TRADE	98.8	98.7	98.9	98.9	98.8	100.9	102.9	103.1	100.2	99.1	98.8	100.9
FINANCE, INSURANCE, AND REAL ESTATE	100.1	100.0	100.0	99.9	99.8	99.9	100.1	100.0	99.8	100.2	100.0	100.2
SERVICES	99.7	99.6	100.0	99.7	99.5	100.3	100.9	100.8	99.8	99.8	99.8	100.0

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

5: Seasonal adjustment factors for production workers¹ on industrial and construction payrolls

Industry	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL ²												
MINING	97.2	96.6	97.0	99.0	100.2	102.9	103.0	103.1	101.4	100.2	99.8	99.6
CONTRACT CONSTRUCTION	88.2	86.7	89.5	95.3	99.8	106.2	108.6	110.3	108.6	106.9	102.8	96.8
MANUFACTURING ²												
DURABLE GOODS ²												
NONDURABLE GOODS ²												
<i>Durable Goods</i>												
Ordnance and accessories	101.3	100.4	99.7	99.2	98.8	99.5	99.2	99.2	100.1	100.2	101.0	101.2
Lumber and wood products	96.1	96.7	97.4	98.0	99.6	104.2	103.5	104.0	102.0	100.6	99.4	98.4
Furniture and fixtures	99.7	99.5	99.3	98.9	98.8	100.2	98.0	101.1	100.8	101.3	101.3	101.1
Stone, clay, and glass products	96.2	98.8	97.3	99.2	100.0	102.6	102.8	103.4	102.2	101.2	100.6	98.7
Primary metal industries	99.4	100.0	100.2	100.8	101.0	102.4	101.0	100.3	99.3	98.0	98.5	99.1
Fabricated metal products	99.7	99.5	99.3	99.2	99.4	101.1	98.2	99.7	100.7	101.0	101.3	100.9
Machinery, except electrical	100.2	100.9	101.0	100.7	100.2	101.0	99.4	99.1	99.5	99.2	99.1	99.7
Electrical equipment and supplies	100.5	100.1	99.3	98.7	98.5	99.6	98.1	100.1	100.8	101.3	101.5	101.5
Transportation equipment	101.0	100.8	101.1	100.2	100.4	100.9	100.0	99.1	99.6	102.2	102.0	102.6
Instruments and related products	100.0	99.9	100.1	99.4	99.3	100.2	99.2	100.4	100.0	100.1	100.5	100.8
Miscellaneous manufacturing industries	94.0	94.8	96.3	97.6	98.9	100.9	97.8	103.5	104.8	106.8	106.1	98.5
<i>Nondurable Goods</i>												
Food and kindred products	94.6	93.2	93.3	93.5	94.6	99.1	102.3	110.7	110.3	106.9	102.4	99.1
Tobacco manufactures	99.8	95.8	90.4	86.3	85.1	86.5	86.9	109.6	121.1	119.0	109.6	110.0
Textile mill products	98.9	99.3	99.7	99.6	99.6	101.3	99.0	100.8	100.5	100.5	100.6	100.1
Apparel and other textile products	98.1	100.6	100.6	99.1	99.7	101.2	96.3	101.3	101.0	101.3	101.0	99.8
Paper and allied products	99.2	98.9	98.9	99.0	99.1	101.5	100.3	101.4	100.5	100.1	100.6	100.5
Printing and publishing	99.4	99.7	100.0	100.0	99.7	100.1	99.6	99.9	100.1	100.3	100.6	100.7
Chemicals and allied products	98.9	99.5	100.2	100.7	100.2	100.8	100.5	101.1	99.8	99.4	99.5	99.4
Petroleum and coal products	96.7	96.9	97.1	98.6	99.7	102.7	103.6	103.5	102.1	101.0	99.9	98.2
Rubber and plastics products, n e c	99.8	99.6	99.2	99.1	99.1	100.5	98.0	100.4	100.5	101.0	101.4	101.3
Leather and leather products	99.7	100.5	99.7	98.4	99.0	100.9	98.3	101.8	99.9	99.7	101.0	100.9

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

²Seasonally adjusted data derived by summation of components.

³Factors shown for July, August, & September are based on data excluding motor vehicles (SIC 371).

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 30 million nonagriculture wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month.

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 28 States (as of January 1, 1970). 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 noninterview 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-

cording 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

Employment status and sex	Average standard error of--	
	Monthly level	Month-to-month change (consecutive months only)
(In thousands)		
BOTH SEXES		
Labor force and total employment.....	190	145
Agriculture.....	120	100
Nonagricultural employment	200	150
Unemployment.....	75	80
MALE		
Labor force and total employment.....	100	75
Agriculture.....	95	80
Nonagricultural employment	120	95
Unemployment.....	60	60
FEMALE		
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

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

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--Chapter 2, Employment, Hours, and Earnings, and Chapter 3, Labor Turnover, reprinted from the Handbook of Methods for Surveys and Studies, BLS Bulletin 1458--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 1969 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 1967-1969

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

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 1969¹

Industry division	Number of establishments in sample	Employees	
		Number reported	Percent of total
Mining	2,300	297,000	49
Contract construction	16,400	773,000	25
Manufacturing	47,000	12,550,000	63
Transportation and public utilities:			
Railroad transportation (ICC)	100	590,000	92
Other transportation and public utilities	7,100	2,082,000	56
Wholesale and retail trade	40,000	2,813,000	20
Finance, insurance, and real estate	9,600	1,243,000	36
Services	23,500	2,377,000	22
Government:			
Federal (Civil Service Commission) ²	3,300	2,737,000	100
State and local	9,600	5,065,000	53

¹ 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.

² 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 1969

Industry	Employees	
	Number reported	Percent of total
Manufacturing	10,448,400	52
Metal mining	64,400	72
Coal mining	59,000	44
Communication:		
Telephone	605,200	71
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 1969 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 ¹
50,000	2,000
100,000	2,800
200,000	3,800
500,000	7,500
1,000,000	11,200
2,000,000	17,500

¹ 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	700	600
100,000	900	800
200,000	1,800	1,700
500,000	3,000	2,900
1,000,000	5,000	5,000
2,000,000	9,700	9,400
10,000,000	31,400	30,600
Total Nonag. empl.	88,000	80,000

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 and workers who have not earned rights to unemployment insurance. In general, excluded from coverage are those persons who worked in firms whose size excluded them from the unemployment insurance laws, as well as many persons engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, State and local government and self-employment. Also excluded from the insured unemployment count, but included as employed in the household survey, are those persons who earned no wages during the payroll period because they were temporarily absent from their jobs due to taking time off, illness and industrial disputes as well as unpaid

vacations. The rate of insured unemployment is the number of insured unemployed expressed as a percent of average covered employment in a 12-month period ending 6 to 8 months prior to the week of reference. Initial claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who 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. 20210.

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.

The revised seasonally adjusted series for the establishment data reflect experience through February 1970. Seasonal factors to be used for current adjustment are shown in the June 1970 *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 1969 are published in the February 1970 *Employment and Earnings*. 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 1969 benchmarks. Data from April 1969 forward are subject to revision at the time of the next benchmark.

Beginning with the June 1970 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, 1970*. Comparable data will be published in *Employment and Earnings, United States, 1909-70*, 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)
Monthly Data		
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers; women employees	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production- or nonsupervisory-worker estimates, or 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.
Annual Average Data		
All employees and production or nonsupervisory workers	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours	Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers.
Gross average hourly earnings	Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours.	Annual total of aggregate payrolls divided by annual aggregate man-hours.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	Sum of monthly rates divided by 12.	Sum of monthly rates divided by 12.