

Employment and Earnings

February 1977



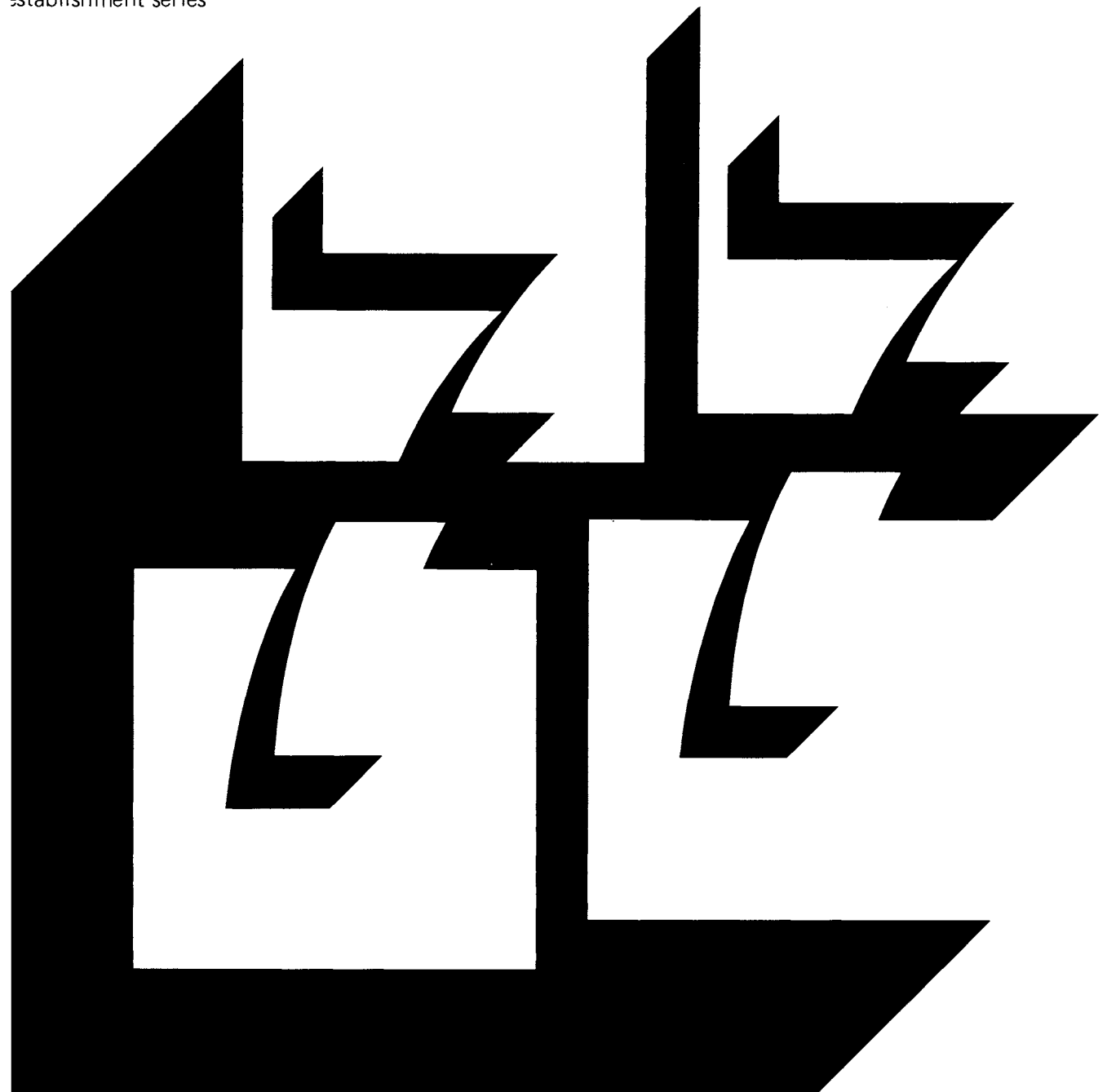
U.S. Department of Labor
Bureau of Labor Statistics

Vol. 24 No. 2

In this issue:

Revised seasonally adjusted
labor force series

Interim revision of selected
establishment series





U.S. DEPARTMENT OF LABOR
Ray Marshall, Secretary

BUREAU OF LABOR STATISTICS
Julius Shiskin, Commissioner

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Employment and Earnings

Vol. 24 No. 2 February 1977

Editors: Chester L. Green, Gloria P. Green, James A. McCall

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CALENDAR OF FEATURES											
In addition to the monthly data appearing regularly in Employment and Earnings, special features appear in most of the issues, as shown below:											
	Jan.	Feb.	Mar.	Apr.	May	July	Aug.	Oct.	Nov.	Dec.	
Household data											
Annual averages	x										
Revised seasonally adjusted series		x									
Quarterly averages:											
Seasonally adjusted data											
Persons not in labor force											
Persons of Spanish origin											
Vietnam-Era veterans and nonveterans	x			x		x		x			
Poverty-nonpoverty area data											
Establishment data											
National annual averages:											
Industry divisions (preliminary)	x										
Industry detail (final)			x								
Women employment (National)		x			x		x		x		
National data adjusted to new benchmarks		(1)						(1)			
Revised seasonally adjusted series		(2)								(2)	
State and area annual averages					x						
Area definitions					x						

¹ The issue that introduces new benchmarks varies. The October 1975 issue marks the introduction of March 1974 benchmarks. Interim revisions of selected series appear in the February 1977 issue.

² Revised data introduced December 1976 and February 1977.

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Employment and Unemployment Developments, January 1977

Employment continued to rise in January and unemployment declined sharply. The unemployment rate was 7.3 percent, down from revised levels of 7.8 and 8.0 percent in December and November, respectively, and equal to the 1976 low of last May.

The period covered by these statistics relates to the calendar week including the 12th. For January, this was the week of the 9th through the 15th, which preceded most of the economic problems associated with the extremely bad weather and consequent fuel shortages. The impact as far as the data reported for January are concerned was limited primarily to reduced workweeks.

Total employment—as measured by the monthly survey of households—rose slightly in January to 88.6 million, as an increase in nonagricultural employment more than offset a cutback in farm employment. Since the March 1975 low, the employed total has risen by 4.3 million. The civilian labor force dropped by 440,000 in January to 95.5 million persons but was 2 million above its year-ago level.

Nonfarm payroll employment—as measured by the monthly survey of establishments—increased by 230,000 to 80.6 million. Payroll jobs have advanced by 4.1 million since the June 1975 recession low point.

Unemployment

The number of persons unemployed declined by 560,000 in January to 7.0 million, seasonally adjusted. As a result, the overall jobless rate fell by half a percentage point from December's revised figure of 7.8 percent to 7.3 percent, equaling the May 1976 low. The rate had been as high as 9.0 percent (also revised) at the height of the recession (May 1975).

The over-the-month decline in joblessness occurred almost entirely among adult workers. The unemployment rate for adult men fell from 6.2 to 5.6 percent, while the rate for adult women dropped from 7.4 to 6.9 percent. Paralleling these reductions were sizeable decreases in the jobless rates for household heads (both male and female), married men and women, and full-time workers. The rate for teenagers, at 18.7 percent, has shown little change since last September.

Both white and black workers experienced reduced joblessness in January. The rate for white workers dropped from 7.1 to 6.7 percent, and the black worker rate moved from 13.4 to 12.5 percent. Rates for both groups were at

or near their May 1976 lows. Among the major occupational groups, there was a sharp decline among blue-collar workers, whose rate fell from 9.6 to 8.4 percent. The jobless rate for manufacturing workers also dropped from 8.2 to 6.9 percent.

The average (mean) duration of unemployment, which usually lags behind movements in total unemployment, remained essentially unchanged in January at 15.5 weeks, despite a substantial decline in the number of persons seeking work for 15 weeks or longer. There was also a sharp reduction in the number unemployed 5-14 weeks, while those jobless for less than 5 weeks was unchanged over the month.

The January decline in unemployment occurred almost exclusively among workers who had lost their last job and was equally distributed among those who had been laid off and those who had experienced job terminations.

Total employment and the labor force

Total employment increased slightly in January to 88.6 million, seasonally adjusted. This advance was confined almost entirely to adult men in nonagricultural industries. Since October, total employment has risen by 820,000, while the increase over the past year was 2.4 million.

The civilian labor force declined by 440,000 in January to 95.5 million, as the sharp decline in unemployment outweighed the advance in employment. Since last January, the civilian labor force has grown by 2.0 million workers—900,000 adult men and 1.1 million adult women.

The civilian labor force participation rate—the proportion of the civilian noninstitutional population either working or seeking jobs—dropped from 61.9 to 61.5 percent over the month but remained somewhat above the level of a year earlier. Declines took place among both adult men and women.

Industry payroll employment

Total nonagricultural payroll employment increased for the third straight month, advancing by 230,000 from the revised December level to 80.6 million (seasonally adjusted). Payroll employment has grown by 2.1 million over the past year and 735,000 since last October. Over-the-month gains occurred in two-thirds of the industries that comprise the BLS diffusion index of nonagricultural payroll employment.

December-January increases were posted in all major industry divisions except contract construction and State and

local government. The largest increase occurred in manufacturing (95,000), primarily among workers in durable goods industries. In the service-producing sector, strong pickups took place in services (85,000) and retail trade (70,000). Jobs in contract construction declined by 65,000, the result of the unusually bad weather conditions in many parts of the country.

Hours

The average workweek for private nonagricultural production or nonsupervisory workers declined by 0.4 hour in January to 35.8 hours (seasonally adjusted). The substantial cutback in hours was a direct result of reduced operations in a large number of establishments caused by weather conditions. Average hours in contract construction were down 2.1 hours to 35.2 hours. The manufacturing workweek was down 0.3 hour, over the month.

As a result of the cutback in average hours, the index of aggregate hours for private nonagricultural production or nonsupervisory workers declined sharply from its December 1976 high of 113.1 to 112.2 in January (1967=100). Despite the drop, the index was 1.4 percent above its year-ago level and 5.7 percent above the spring 1975 low. The factory index was 94.4, down slightly from the Decem-

ber level; it was 9.0 percent above its March 1975 recession low.

Hourly and weekly earnings

Average hourly earnings of private nonagricultural production or nonsupervisory workers increased 0.8 percent in January, seasonally adjusted. Due to the cutback in hours worked, however, average weekly earnings declined 0.3 percent over the month.

Before adjustment for seasonality, average hourly earnings were \$5.06, up 4 cents from December. Average weekly earnings declined \$3.61 over the month to \$179.12.

The hourly earnings index

The Hourly Earnings Index—earnings adjusted for overtime in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and low-wage industries—was 192.3 (1967=100) in January, 1.0 percent higher than in December. During the 12-month period ended in December, the Hourly Earnings Index in dollars of constant purchasing power rose 2.1 percent.

Revision of Seasonally Adjusted Labor Force Series

*by Thomas J. Plewes

The Bureau of Labor Statistics each year revises the seasonal adjustment factors for unemployment and other labor force series derived from the Current Population Survey (household survey) to take into account data from the previous year. This year's revisions, incorporating data through December 1976, were computed during the month of January and are introduced in this issue of *Employment and Earnings*. The revised seasonal factors for the 12 component series comprising the civilian labor force that are used in computation of the overall unemployment rate are shown on page 10. Seasonally adjusted series for the revision period 1972-1976 are shown by month on pages 130-160. These replace those published in the February 1976 and subsequent issues of this publication, which were based on data through December 1975.

Since 1973, the Census Bureau's X-11 method¹ has been used to seasonally adjust the labor force data. For most series, seasonality was computed based on the most recent 10-year period. (For series with fewer than 10 years of observations, the full span of the series is used in computation of seasonality.) In keeping with past practice, however, revisions of the seasonally adjusted data were limited exclusively to the last 5 years; thus, only the seasonally adjusted series for the years 1972 forward have been revised and are published here. Seasonally adjusted data for most of these series for the period 1967-71 may be found in the February 1976 issue of *Employment and Earnings*. Pre-1967 data, adjusted by the *BLS Seasonal Factor Method*,² are also not subject to change. Users of these data who have retained the February 1973 issue of this publication have a permanent source of pre-1967 seasonally adjusted data. Upon request, all historical data may be obtained from the BLS.

The currently revised seasonally adjusted data continue to be computed according to January 1976 modifications in procedures: Seasonality for teenage unemployment and for other unemployment series of which teenagers are the primary components are adjusted using the additive procedure of the X-11 method. All other series are adjusted using the multiplicative option of X-11.

The incorporation of the 1976 data and recomputation of the seasonally adjusted data had a relatively minor impact on the major published series in 1976. For example, the seasonally adjusted overall unemployment rate was unaffected in 9 months of the year and changed by 0.1 percentage point in the other 3 months (June,

November, and December). Annual averages, of course, are unaffected by the revision of seasonal factors since they are calculated from 12 monthly observations based on unadjusted numbers.

Method of adjustment

The X-11 seasonal adjustment method is an adaptation of the traditional ratio-to-moving method, and allows for changing seasonal patterns. The original data are regarded as the combination of several components: A trend-cycle, which represents the long-run trend and cycle movements of the series; a seasonal component, which is the annual repetitive pattern that makes certain months consistently higher or lower than others; and an irregular component, which is a residual and includes sampling errors and short-term fluctuations due to unforeseeable events not following any consistent pattern (unusual weather, strikes, etc.).

The X-11 method includes two optional procedures. One procedure, called multiplicative, assumes that the original series is the *product* of the trend-cycle, both seasonal and irregular. The other, termed additive, assumes that the original series is the *sum* of the trend-cycle, seasonal, and irregular components. After a satisfactory decomposition is achieved, the seasonally adjusted series are computed either by dividing each month's original value by the corresponding seasonal factor in the multiplicative procedure or by subtracting that factor from the original in the additive procedure.

A centered 12-month moving average of the original data is used as the first estimate of the trend-cycle. This is divided into (or subtracted from, in the case of the additive procedure) the original value to isolate the seasonal-irregular. In the X-11 method, a 5-term weighted moving average of these seasonal-irregulars for the same month of successive years provides initial estimates of the seasonal factors. Each seasonal factor divided into (subtracted from) the corresponding seasonal-irregular is an estimate

* Thomas J. Plewes is an economist in the Office of Current Employment Analysis, Bureau of Labor Statistics.

¹ For a detailed description of the X-11 method, see Technical Paper No. 15, the X-11 Variant of the Census Method II Seasonal Adjustment Program, by Julius Shiskin, Alan Young, and John Musgrave, 1967 revision (Bureau of the Census, 1967).

² This method is described in the BLS Handbook of Methods, Bulletin 1910 (Bureau of Labor Statistics, 1976), Appendix A.

of the irregular component, which at this stage includes some residual trend-cycle. A refined trend-cycle is then computed using 9-, 13-, or 23-term Henderson curve weights to construct a moving average of the first preliminary seasonally-adjusted series; seasonal factors and irregulars are then computed. A 5-year moving standard deviation (σ) of the irregular is computed. Individual irregulars divided by these sigmas are classified by size. The X-11 method assigns graduated weights to the observations based on these ratios. Small deviations (those between 0 and 1.5 σ) are accepted; that is, they receive a weight of "1." Deviations exceeding 2.5 σ are rejected and receive zero weights. Intermediate deviations (those between 1.5 and 2.5 σ) receive weights of more than zero and less than one.

The weights are used in two ways. They serve as auxiliary weights in the various moving averages used in computing seasonal factors so that the effect of each aberrant figure is reduced in inverse proportion to its weight. In addition, they are used in computing modified original values, where the amount of modification varies inversely with the weight. These refinements eliminate most aberrations in the trend-cycle and seasonal components and instead make them part of the irregular components. The modified original series then is averaged to obtain a trend-cycle.

Processes similar to those described earlier are used to obtain revised seasonal factors and irregular components. (For these and subsequent estimates of seasonal factors, center-weighted moving averages of up to seven terms are applied to the seasonal-irregulars.) Revised modified original data are once again seasonally adjusted by repeating this process to obtain a final set of factors and the seasonally adjusted data.

Aggregation procedure

After the components of a series are seasonally adjusted, the values derived are combined to provide seasonally adjusted values for many other series. For example, civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by this method of aggregation. Each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment data for four age-sex groups (males and females under and over 20 years of age)—are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The unemployment rate for all civilian workers is obtained by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted age-sex components) by the civilian labor force (the sum of 12 seasonally adjusted age-sex components).

Alternative adjustment methods

Several alternative methods for seasonally adjusting the series with the X-11 method, each based on a different set

of assumptions regarding the behavior over time in the series, have been suggested. While the Bureau of Labor Statistics uses as the official rate the one described above, several alternative computations are provided on a regular basis to illustrate the degree of uncertainty inherent in the seasonal adjustment procedure. The results of these various options appear in table 1, a version of which the BLS has been preparing for distribution for some time and which now appears in the monthly *Employment Situation* press release.

Included among the various options are five alternative age-sex procedures and four based on other aggregations, as well as a direct adjustment of the rate and a range of rates. The all-multiplicative adjustment (column 3) is the method that was used prior to the introduction of the 1976 revisions. The year-ahead adjustment (column 5) based on projection of the moving seasonal trend in the component series—and the concurrent adjustment (column 6)—which reflects the results of a monthly adjustment of component series each and every month as the current month's data become available—are useful only in a current context and therefore are shown only for January 1977. In an effort to control for the possible influence of the large cyclical swings in the 1974-76 period, an adjustment based on stable seasonal factors for each of the unemployment components is shown in column 7. The stable-factor method provides for equally-weighted averages of the modified seasonal irregulars for each month over the period 1967-73.

The results of alternative aggregation procedures are shown in columns 8-11 and indicate rates obtained by aggregation of directly adjusted duration categories; reasons for unemployment categories; total (employment and unemployment); and a residual adjustment (deriving unemployment as the difference between directly adjusted labor force and employment).

Revised series

The number of household series published in this volume has been considerably expanded over previous years. Nearly 500 seasonally adjusted series—both components and aggregates—are included. Series newly introduced include civilian labor force participation rates by age, race, and sex; labor force status of black (only) workers; major activity of employed and unemployed persons 16-21 years of age; job losers on layoff; and labor force status of household heads, by presence of relatives in the household. Seasonally-adjusted transportation equipment operatives and other operatives are also available for the first time. (The combined series—directly adjusted total operatives—is available upon request to permit historical comparisons.)

There is a large number of other series, primarily components and aggregates of series published in this volume, which have not been included due to space limitations. These additional series may be obtained in printed copy

from the Bureau upon request. All seasonally adjusted series are also available in a one-reel tape file. This file includes approximately 1,800 original and seasonally-adjusted monthly and quarterly series—as well as recent seasonal factors for directly adjusted series—from date of

inception of the series through 1976. Inquiries concerning this file, as well as any questions regarding these adjustment procedures, should be addressed to the Data Services Group, Office of Current Employment Analysis, Bureau of Labor Statistics, Washington, D.C. 20212.

Table 1. Unemployment rate by alternative seasonal adjustment methods

Month	Unadjusted rate	Official adjusted rate	Alternative age-sex procedures					Other aggregations (all multiplicative)				Direct adjustment	Range (cols. 2-13)
			All multiplicative	All additive	Year ahead	Concurrent	Stable 67-73	Duration	Reasons	Total	Residual	Rate	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1976													
January	8.8	7.8	7.8	8.0			8.1	8.0	7.8	7.8	8.2	7.9	0.4
February ...	8.7	7.6	7.6	7.8			7.7	7.5	7.5	7.6	7.7	7.6	.3
March	8.1	7.5	7.5	7.6			7.7	7.3	7.4	7.5	7.6	7.5	.4
April	7.4	7.5	7.5	7.5			7.6	7.4	7.5	7.5	7.4	7.5	.2
May	6.7	7.3	7.4	7.2			7.5	7.2	7.4	7.5	7.2	7.5	.3
June	8.0	7.6	7.5	7.5			7.5	7.5	7.5	7.3	7.4	7.3	.3
July	7.8	7.8	7.8	7.7			7.7	7.6	7.8	7.7	7.7	7.7	.2
August	7.6	7.9	7.9	7.8			7.7	8.0	8.0	7.9	7.8	8.0	.3
September ..	7.4	7.8	7.8	7.7			7.6	8.0	7.9	7.8	7.8	7.8	.4
October	7.2	7.9	8.0	7.8			7.7	8.0	7.9	8.0	7.9	7.9	.3
November...	7.4	8.0	8.0	7.8			7.8	8.1	8.0	8.0	7.8	8.0	.3
December...	7.4	7.8	7.9	7.8			7.9	7.9	7.8	7.8	7.8	7.9	.1
1977													
January	8.3	7.3	7.3	7.5	7.3	7.4	7.5	7.4	7.4	7.4	7.6	7.4	.3

Current Seasonal Adjustment Factors for Labor Force Components

Procedure and series	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<u>Multiplicative Adjustment¹</u>												
Agriculture employment:												
Males, 20 years and over.....	91.9	93.3	95.4	99.1	102.1	106.9	106.9	105.8	102.7	103.8	98.5	93.5
Females, 20 years and over....	80.8	78.2	81.1	88.5	107.4	122.4	130.1	118.9	107.6	114.1	91.8	78.9
Males, 16-19 years.....	62.8	67.8	74.6	94.7	101.3	145.9	158.5	145.8	103.4	94.4	82.7	68.4
Females, 16-19 years.....	64.4	59.8	59.4	73.4	89.8	155.6	213.4	182.3	101.8	85.6	60.0	53.7
Nonagriculture employment:												
Males, 20 years and over.....	98.7	98.4	98.8	99.3	99.8	100.6	100.9	101.1	100.9	101.0	100.4	100.0
Females, 20 years and over....	99.9	100.2	100.6	100.5	99.9	98.5	97.2	97.8	100.0	101.7	101.6	101.9
Males, 16-19 years.....	89.3	89.4	90.8	93.3	95.9	113.4	126.5	121.2	94.4	96.7	94.4	94.8
Females, 16-19 years.....	92.1	91.8	92.9	93.4	94.8	106.1	121.2	114.2	94.8	98.7	99.1	100.6
Unemployment:												
Males, 20 years and over.....	123.0	124.9	119.0	106.5	93.6	97.7	93.4	90.2	83.7	82.1	88.5	97.2
Females, 20 years and over....	108.9	108.8	101.5	94.6	92.9	98.0	100.3	103.4	105.7	99.3	96.4	89.9
<u>Additive Adjustment²</u>												
Unemployment:												
Males, 16-19 years.....	51	21	-28	-89	-136	278	200	-20	-80	-107	-39	-58
Females, 16-19 years.....	-39	-62	-49	-118	-120	324	168	33	19	-27	-41	-86

¹Multiplicative procedure. To derive seasonally adjusted level, divide original value by factor and multiply by 100.

²Additive procedure. To derive seasonally adjusted level, subtract factor from original value.

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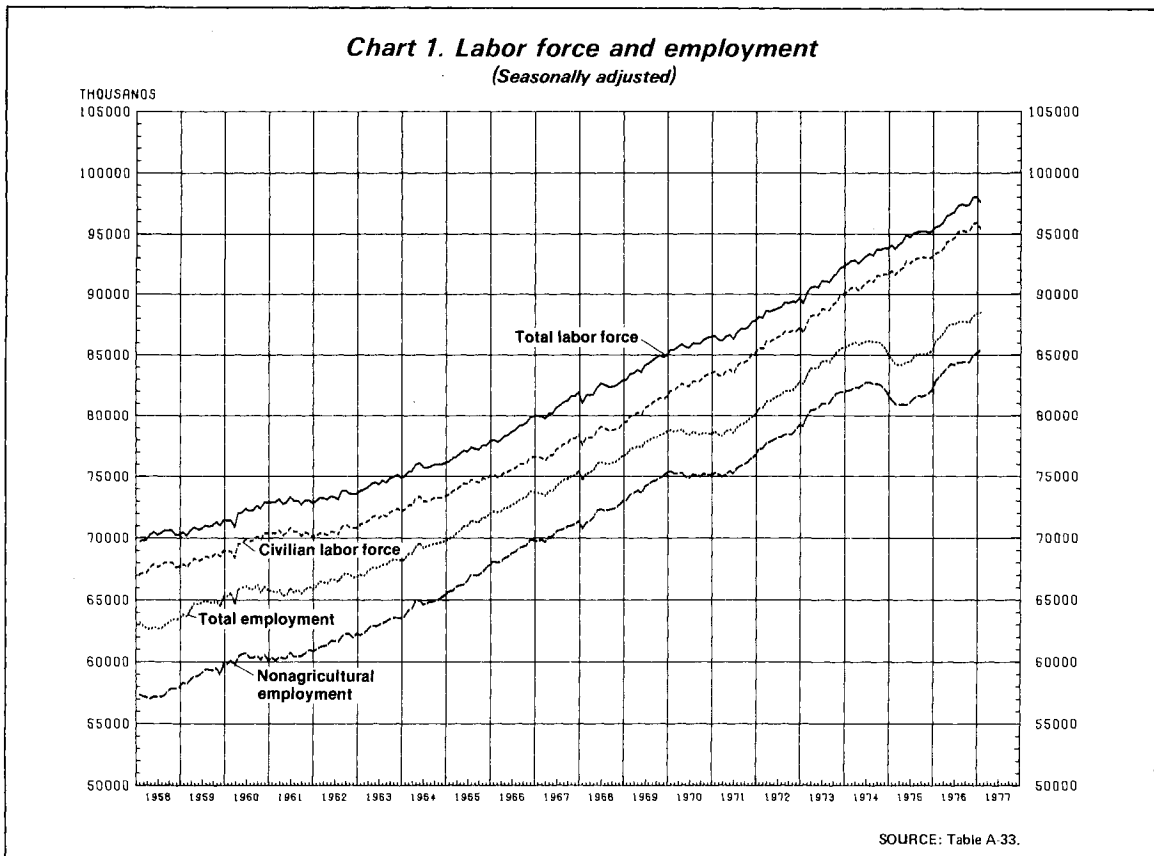
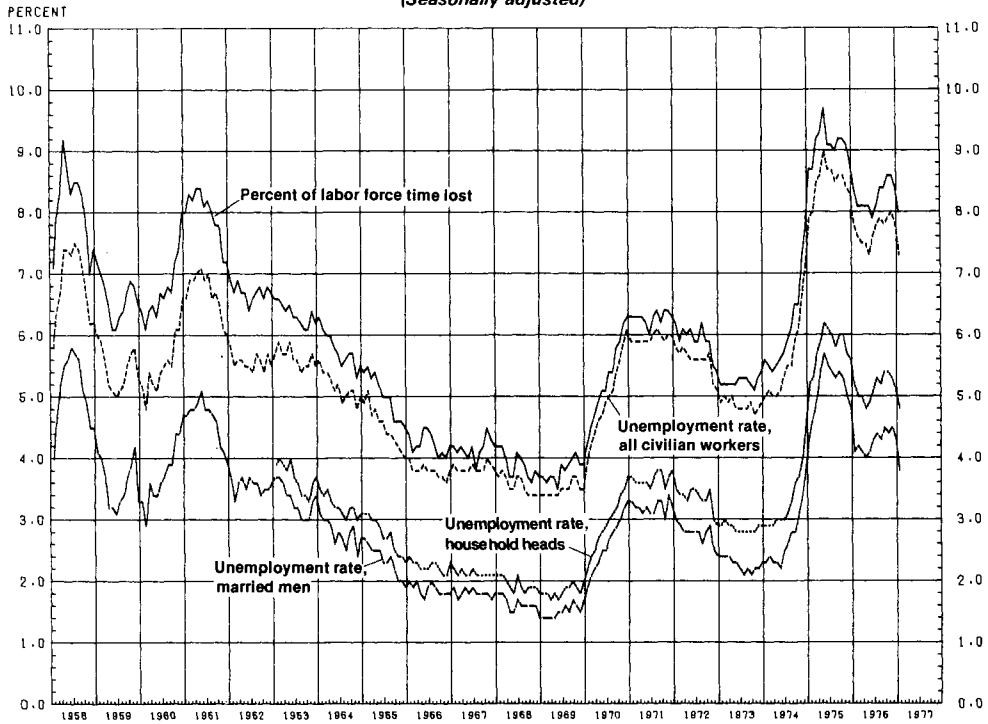
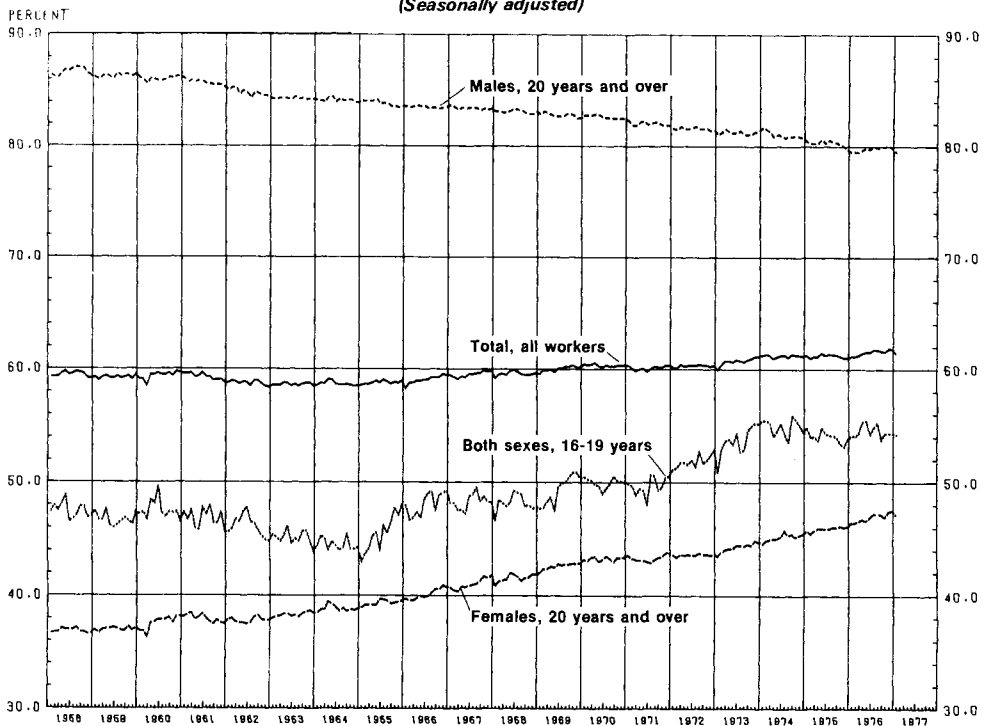


Chart 2. Major unemployment indicators
(Seasonally adjusted)



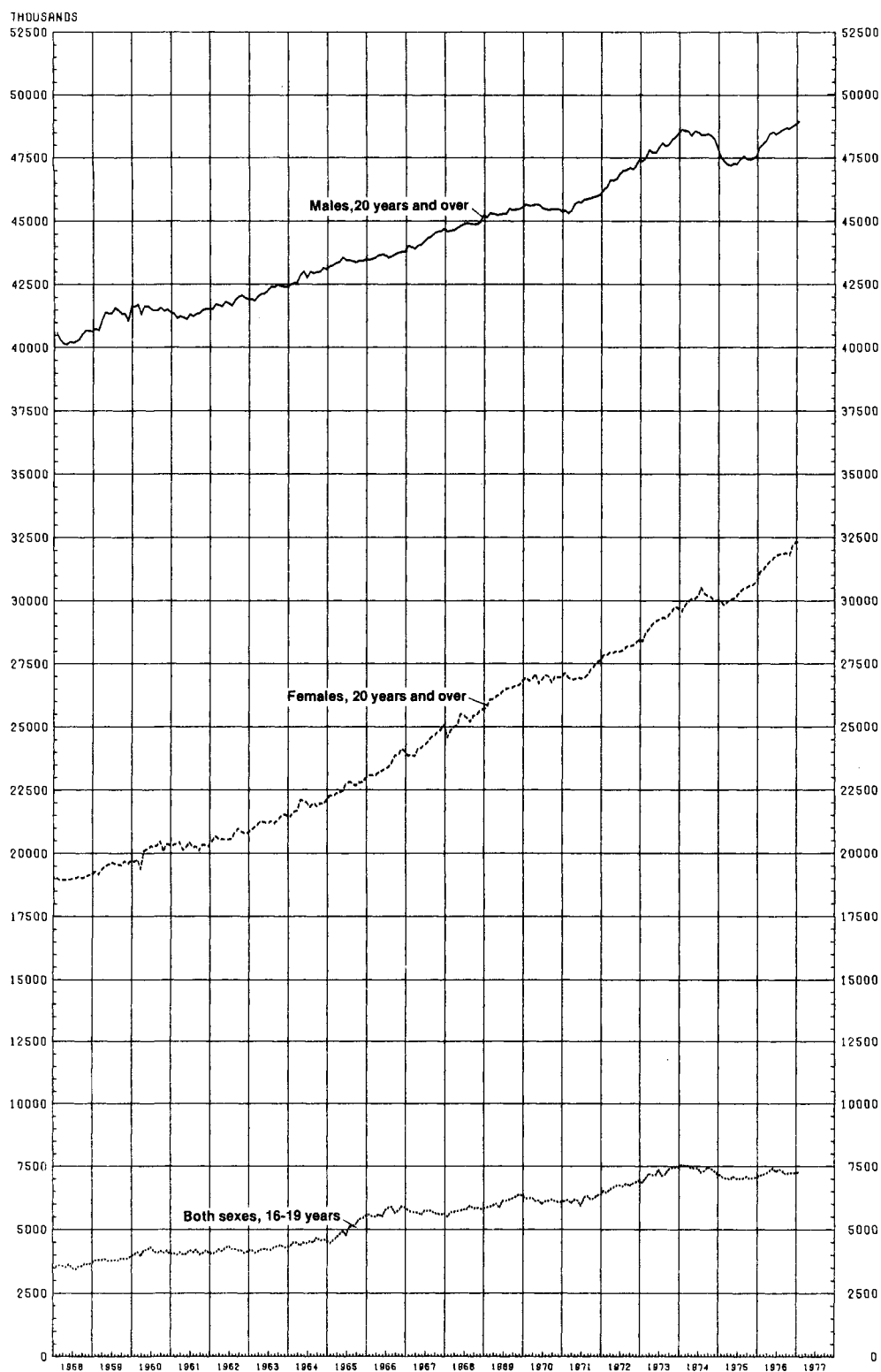
SOURCE: Table A-36.

Chart 3. Civilian labor force participation rates by sex and age
(Seasonally adjusted)



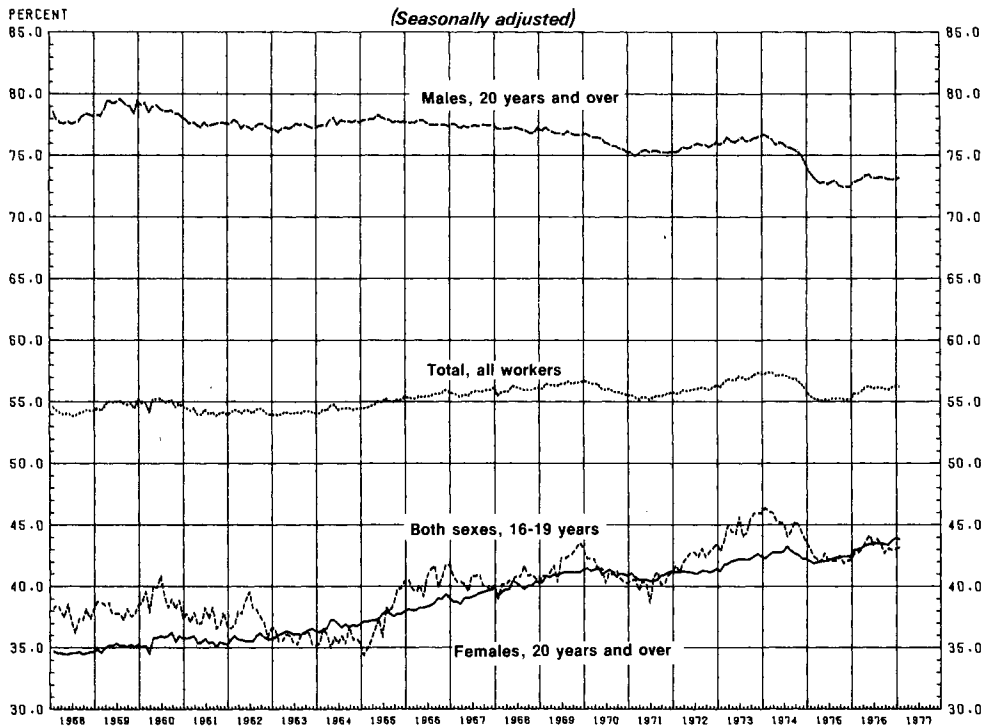
SOURCE: Table A-33.

Chart 4. Total employment by sex and age
(Seasonally adjusted)



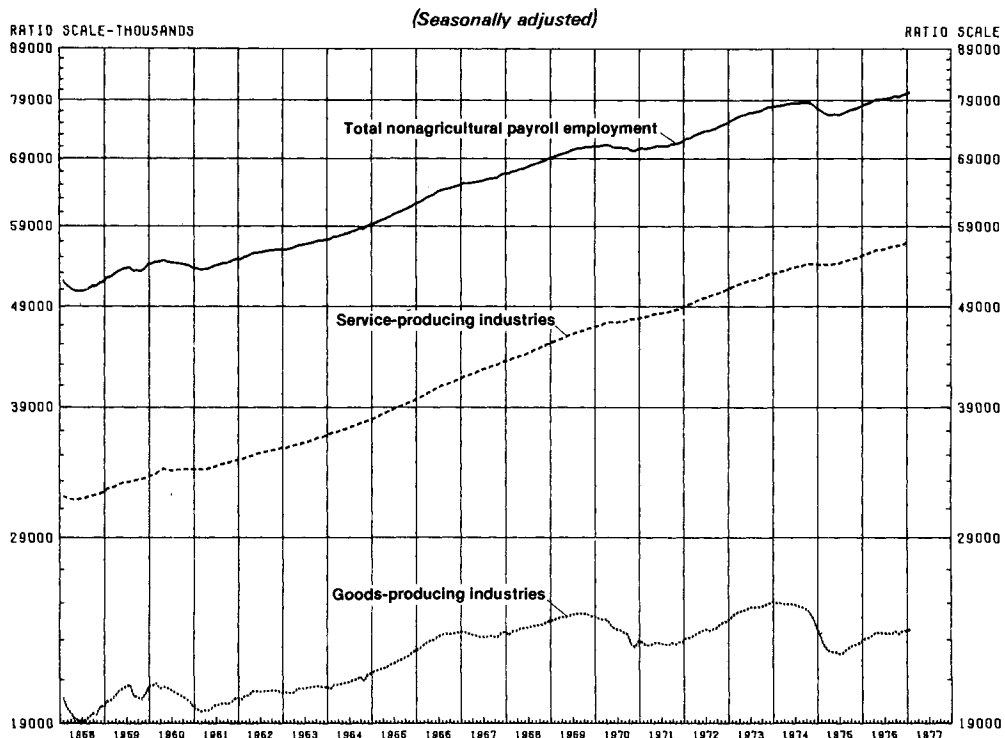
SOURCE: Table A-33.

Chart 5. Employment—population ratios by sex and age



SOURCE: Table A-33.

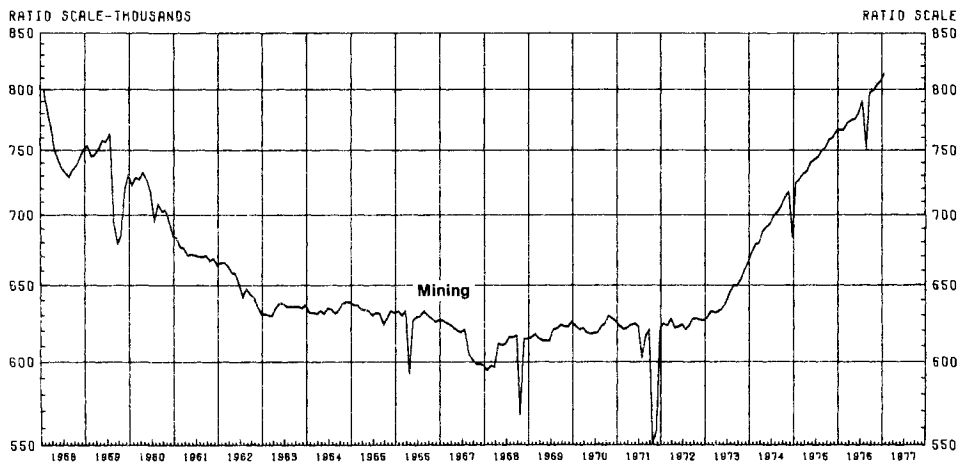
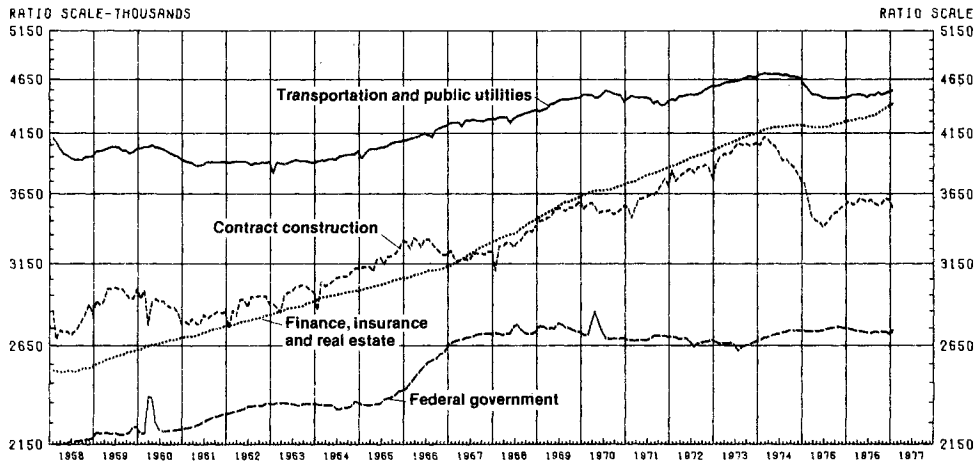
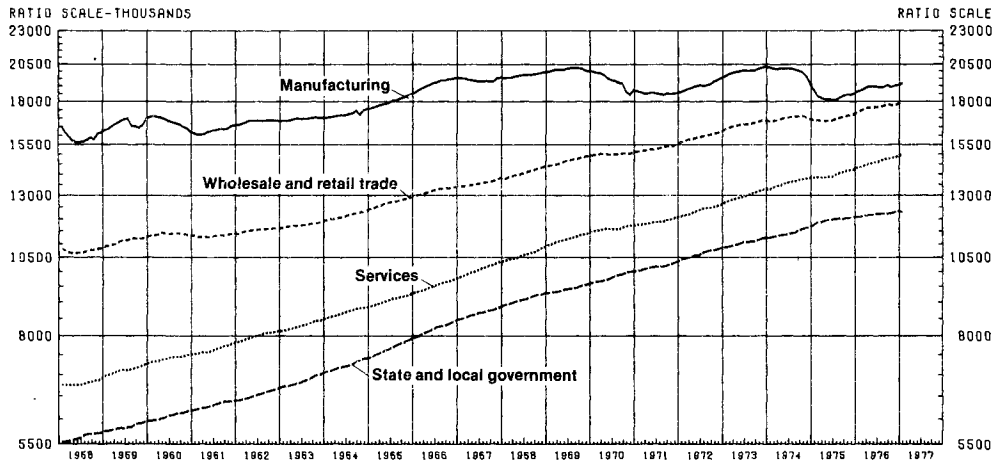
Chart 6. Payroll employment in goods- and service-producing industries



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

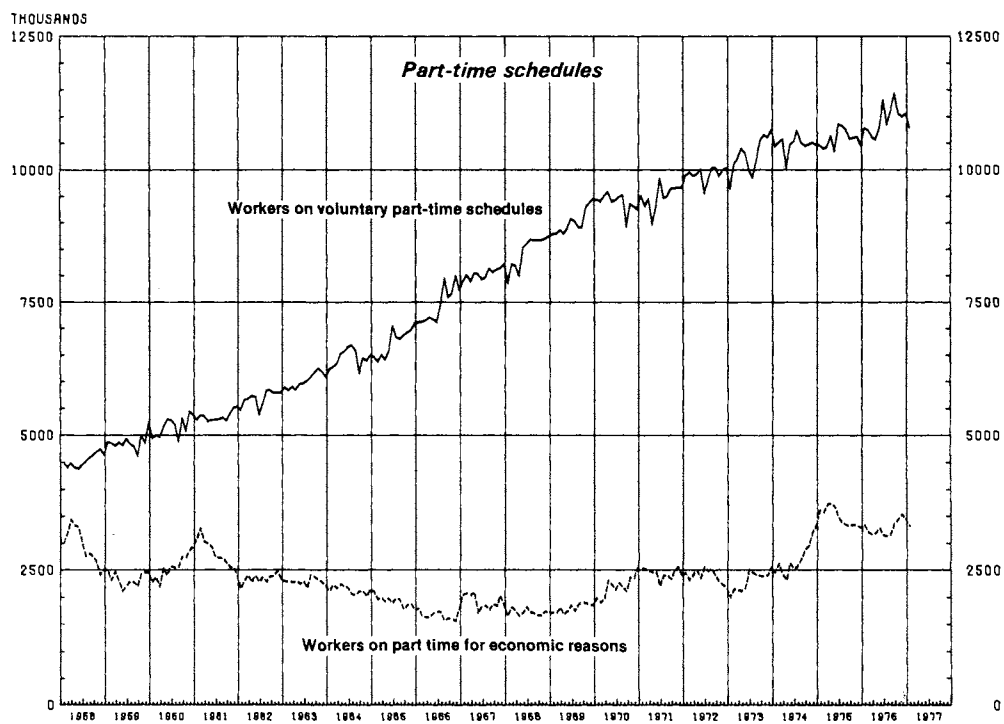
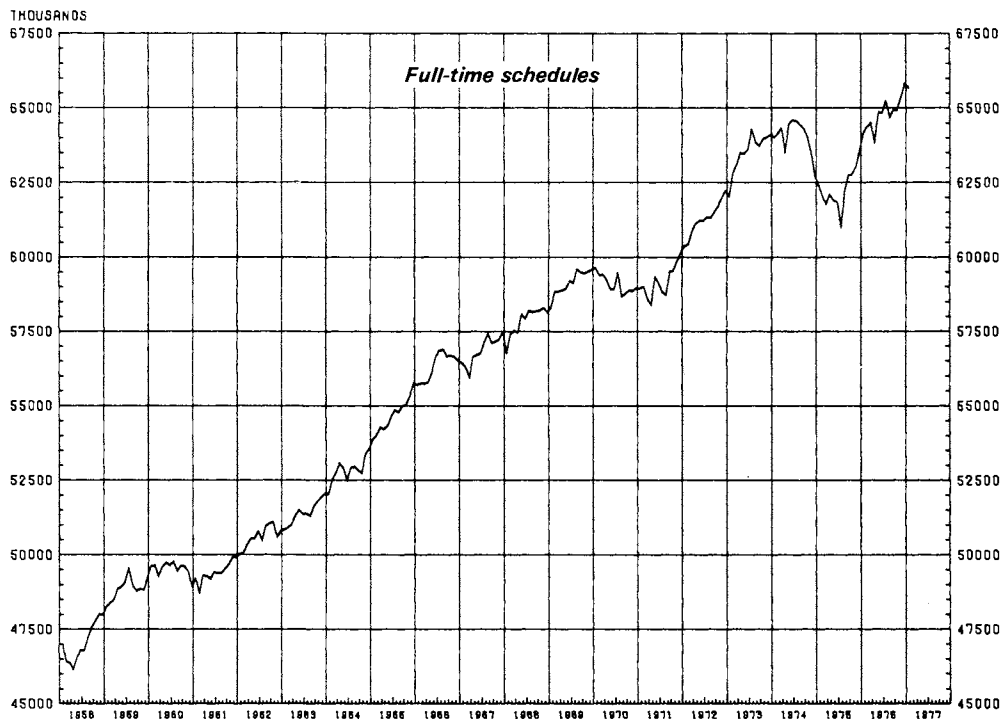
Chart 7. Nonagricultural payroll employment by industry
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

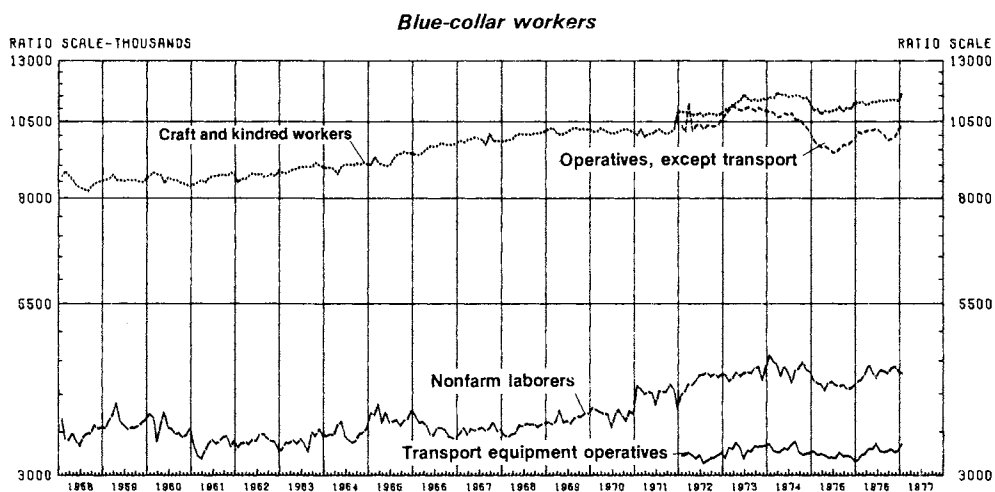
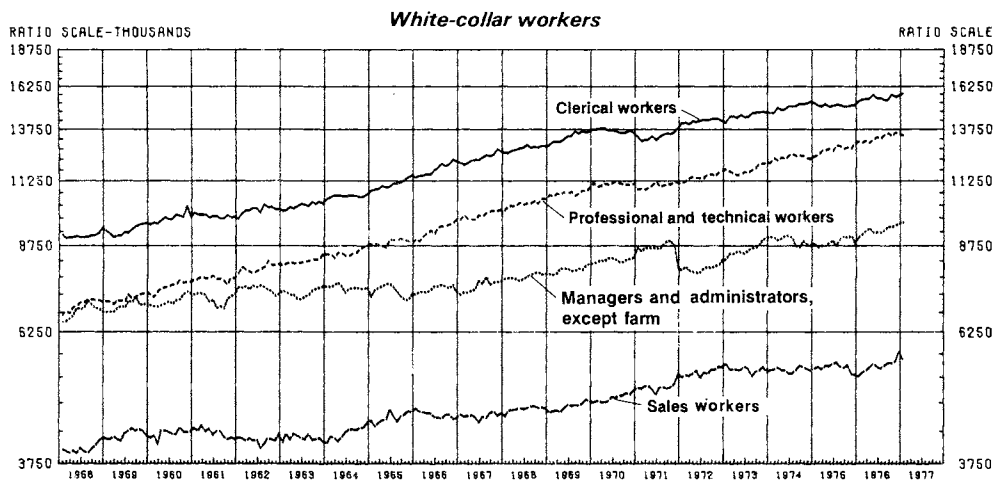
**Chart 8. Persons at work full and part time
in nonagricultural industries**
(Seasonally adjusted)



SOURCE: Table A-42.

Chart 9. Employment in nonfarm occupations

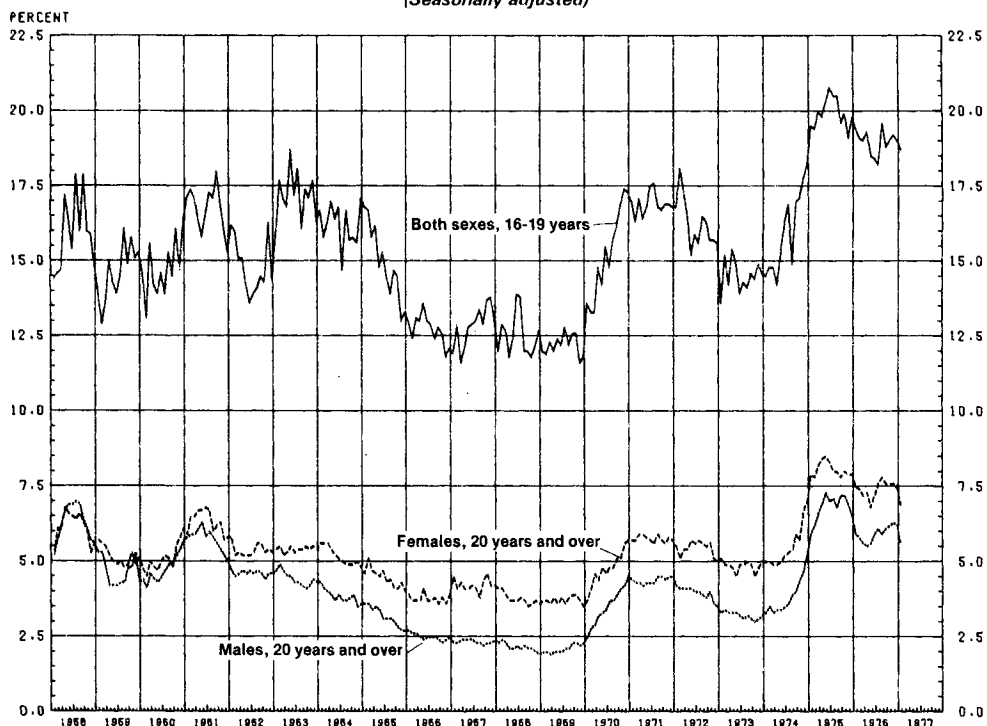
(Seasonally adjusted)



NOTE: Two breaks in series occurred in 1971 stemming from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December. See "Changes in occupational classification system" in the Explanatory Notes.

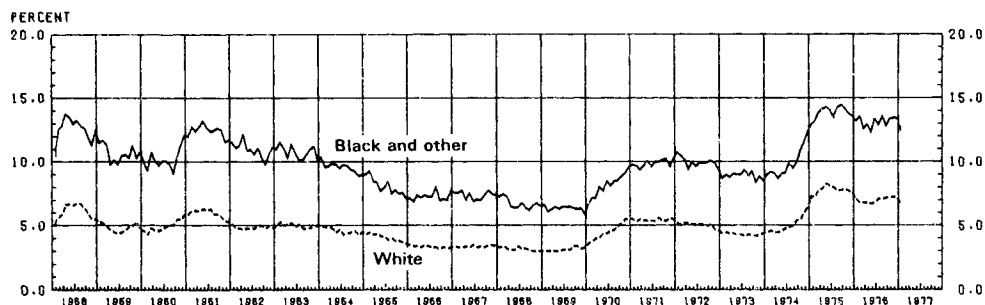
SOURCE: Table A-42.

Chart 10. Unemployment rates by sex and age
(Seasonally adjusted)

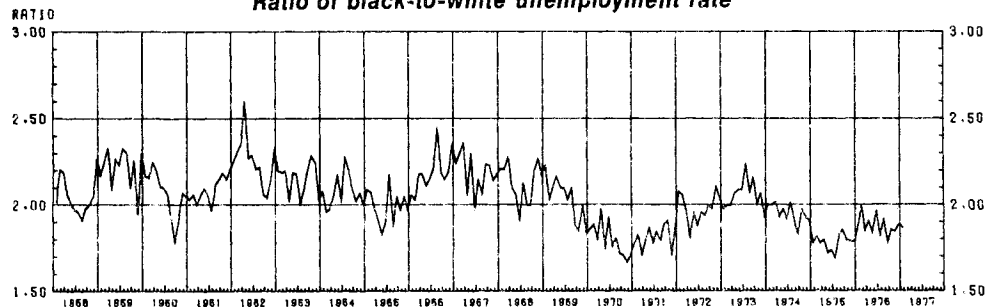


SOURCE: Table A-36.

Chart 11. Unemployment rates by race
(Seasonally adjusted)

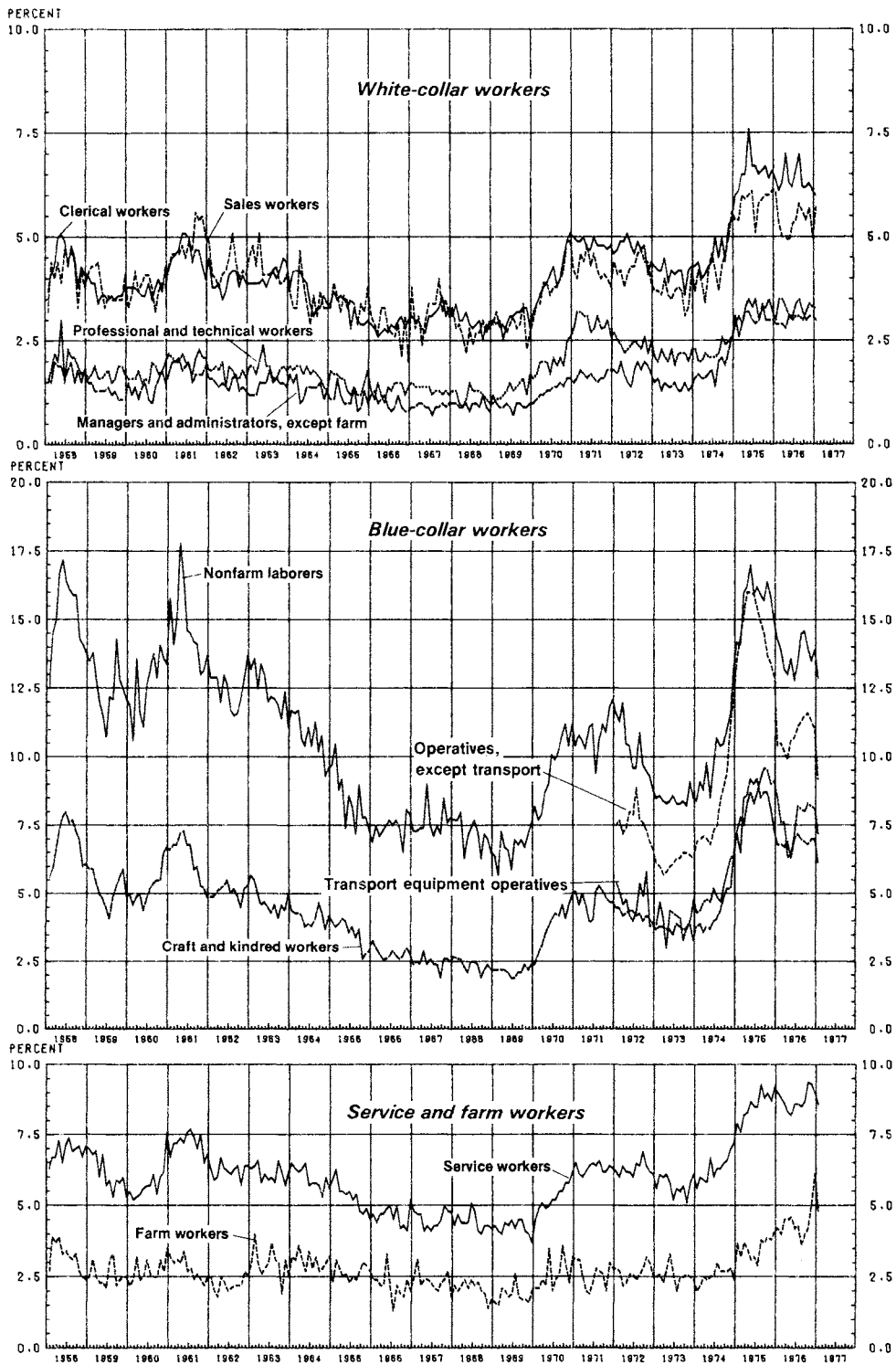


Ratio of black-to-white unemployment rate



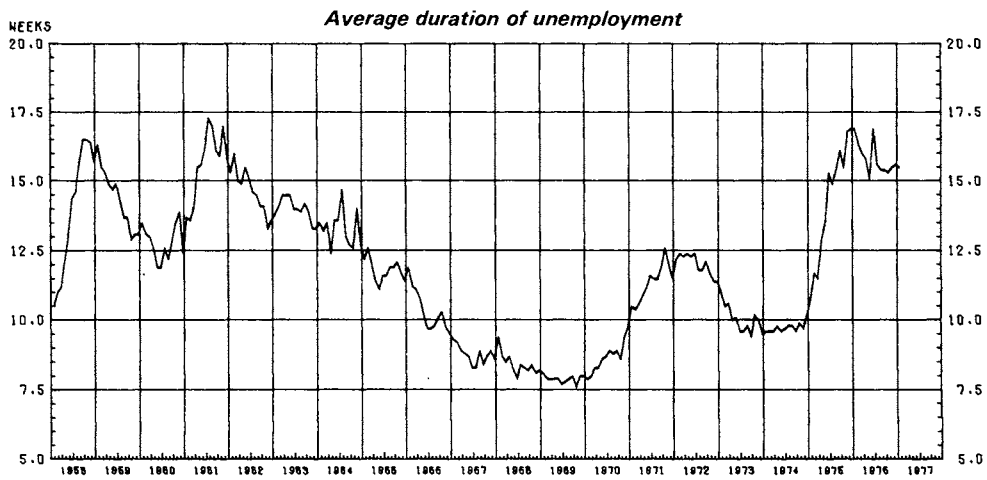
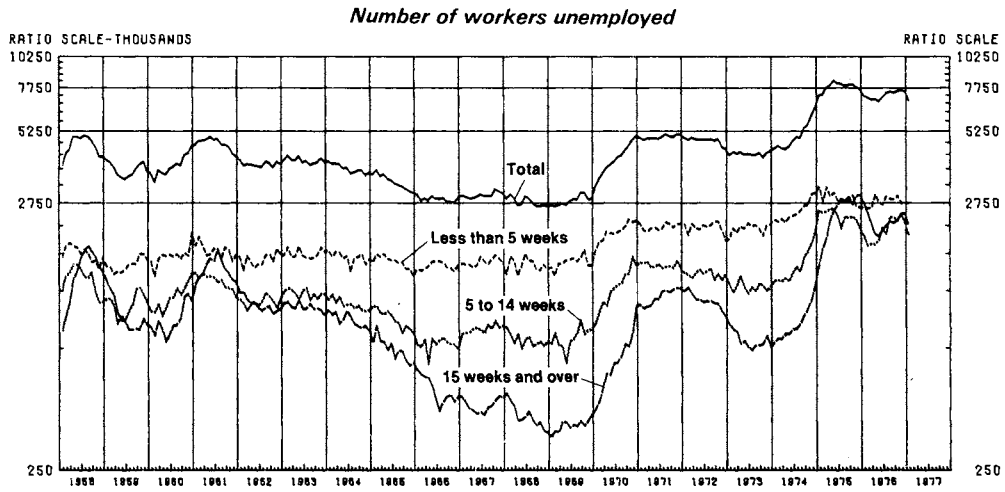
SOURCE: Table A-35.

Chart 12. Unemployment rates by major occupational groups
(Seasonally adjusted)



SOURCE: Table A-36.

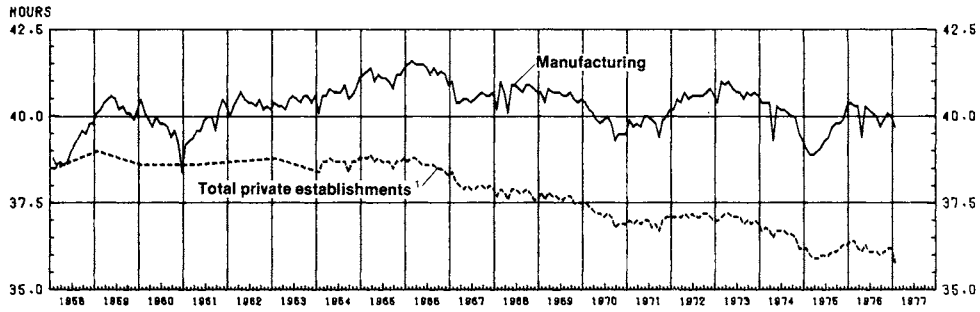
Chart 13. Duration of unemployment
(Seasonally adjusted)



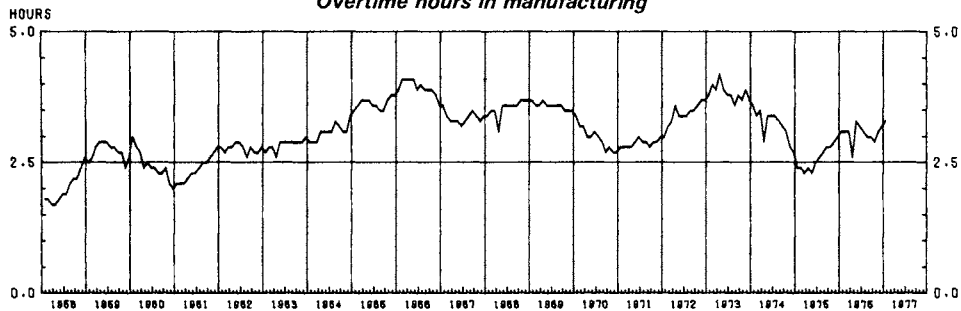
SOURCE: Table A-37.

Chart 14. Average weekly hours in nonagricultural industries

(Seasonally adjusted)



Overtime hours in manufacturing



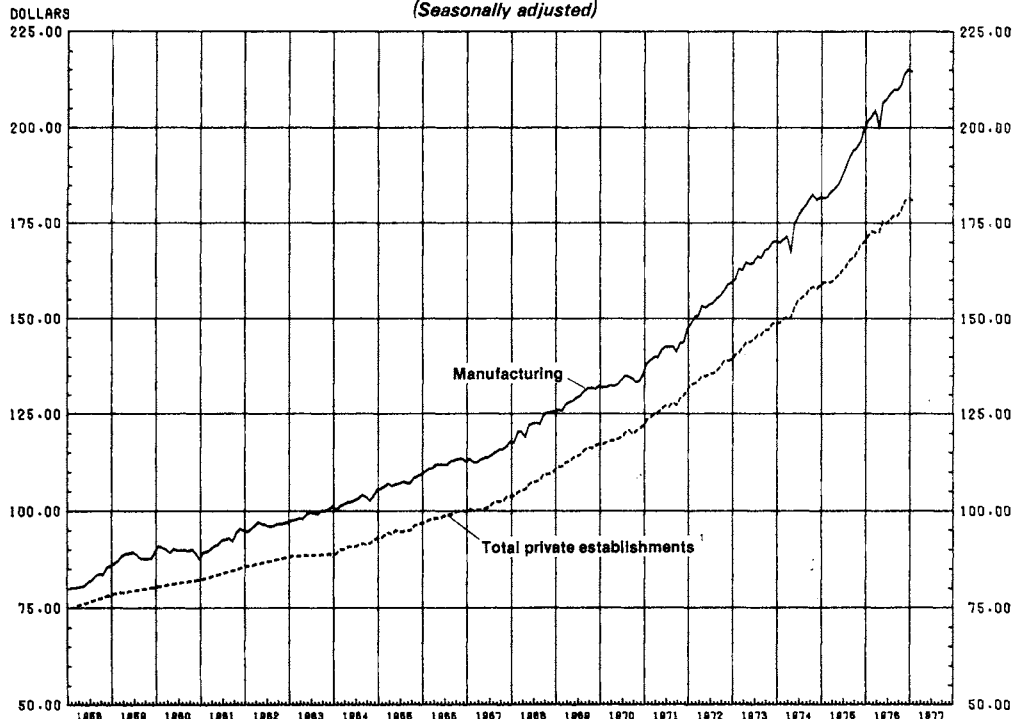
¹ Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

Chart 15. Average weekly earnings in nonagricultural industries

(Seasonally adjusted)

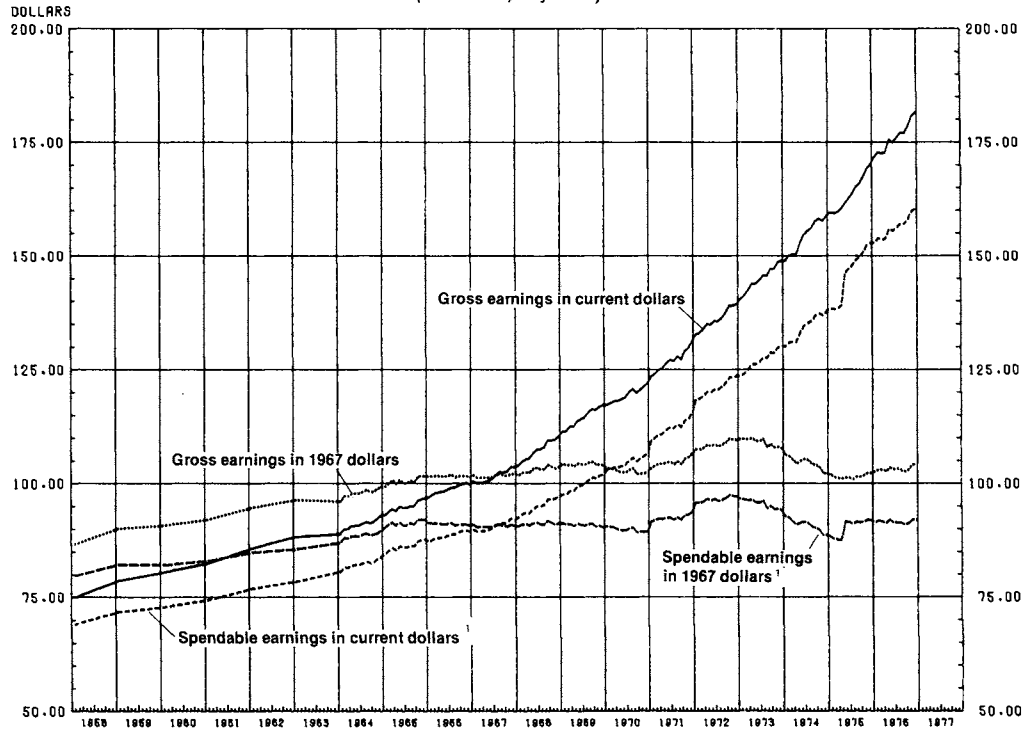


¹ Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Tables C-7 and C-8.

Chart 16. Total private gross and spendable weekly earnings
(Seasonally adjusted)

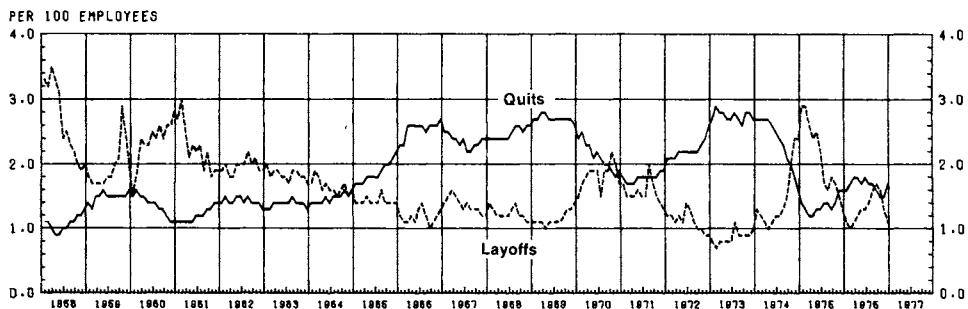
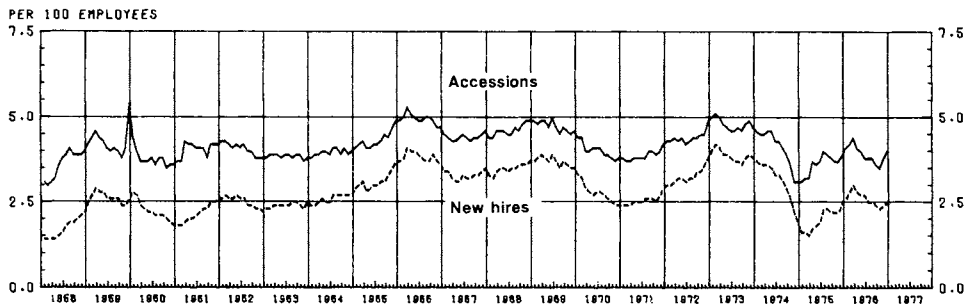


¹ Worker with three dependents.

NOTE: Data prior to 1964 are annual averages. Data for current month are preliminary.

SOURCE: Table C-8.

Chart 17. Labor turnover rates in manufacturing
(Seasonally adjusted)



NOTE: Data for current month are preliminary.

SOURCE: Table D-3.

HOUSEHOLD DATA HISTORICAL

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

[Numbers 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	
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	57,038	7,890	49,148	2,311	3.9	42,477
1948.....	104,527	62,080	59.4	60,621	58,343	7,629	50,714	2,276	3.8	42,447
1949.....	105,611	62,903	59.6	61,286	57,651	7,658	49,993	3,637	5.9	42,708
1950.....	106,645	63,858	59.9	62,208	58,918	7,160	51,758	3,288	5.3	42,787
1951.....	107,721	65,117	60.4	62,017	59,961	6,726	53,235	2,055	3.3	42,604
1952.....	108,823	65,730	60.4	62,138	60,250	6,500	53,749	1,883	3.0	43,093
1953 ²	110,601	66,560	60.2	63,015	61,179	6,260	54,919	1,834	2.9	44,041
1954.....	111,671	66,993	60.0	63,643	60,109	6,205	53,904	3,532	5.5	44,678
1955.....	112,732	68,072	60.4	65,023	62,170	6,450	55,722	2,852	4.4	44,660
1956.....	113,811	69,409	61.0	66,552	63,799	6,283	57,514	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 ²	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 ²	122,981	73,442	59.7	70,614	66,702	4,944	61,759	3,911	5.5	49,539
1963.....	125,154	74,571	59.6	71,833	67,762	4,687	63,076	4,070	5.7	50,583
1964.....	127,224	75,830	59.6	73,091	69,305	4,523	64,782	3,786	5.2	51,394
1965.....	129,236	77,178	59.7	74,455	71,088	4,361	66,726	3,366	4.5	52,058
1966.....	131,180	78,893	60.1	75,770	72,895	3,979	68,915	2,875	3.8	52,288
1967.....	133,319	80,793	60.6	77,347	74,372	3,844	70,527	2,975	3.8	52,527
1968.....	135,562	82,272	60.7	78,737	75,920	3,817	72,103	2,817	3.6	53,291
1969.....	137,841	84,240	61.1	80,734	77,902	3,606	74,296	2,832	3.5	53,602
1970.....	140,182	85,903	61.3	82,715	78,627	3,462	75,165	4,088	4.9	54,280
1971.....	142,596	86,929	61.0	84,113	79,120	3,387	75,732	4,993	5.9	55,666
1972 ²	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	56,785
1973 ²	148,263	91,040	61.4	88,714	84,409	3,452	80,957	4,304	4.9	57,222
1974.....	150,827	93,240	61.8	91,011	85,935	3,492	82,443	5,076	5.6	57,587
1975.....	153,449	94,793	61.8	92,613	84,783	3,380	81,403	7,830	8.5	58,655
1976.....	156,048	96,917	62.1	94,773	87,485	3,297	84,188	7,288	7.7	59,130
1977: January ³	157,381	97,649	62.0	95,516	88,558	3,090	85,468	6,958	7.3	59,732

¹ Not available.

² Not strictly comparable with prior years due to the introduction of population adjustments in these years. For an explanation, see "Historic Comparability" under Household Data section of Explanatory notes.

³ Seasonally adjusted, except for population figures.

**HOUSEHOLD DATA
HISTORICAL**

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

[Numbers in thousands]

Year, month, and sex	Total noninstitutional population	Total labor force		Civilian labor force					Not in labor force	
		Number	Percent of population	Total	Employed			Unemployed		
					Total	Agriculture	Nonagricultural industries	Number		Percent of labor force
MALES										
1947.....	50,968	44,258	86.8	42,686	40,995	6,643	34,352	1,692	4.0	6,710
1948.....	51,439	44,729	87.0	43,286	41,725	6,358	35,367	1,559	3.6	6,710
1949.....	51,922	45,097	86.9	43,498	40,925	6,343	34,583	2,572	5.9	6,825
1950.....	52,352	45,446	86.8	43,819	41,578	6,002	35,576	2,239	5.1	6,906
1951.....	52,788	46,063	87.3	43,001	41,780	5,534	36,246	1,221	2.8	6,725
1952.....	53,248	46,416	87.2	42,869	41,682	5,390	36,293	1,185	2.8	6,832
1953 ¹	54,248	47,131	86.9	43,633	42,430	5,253	37,177	1,202	2.8	7,117
1954.....	54,706	47,275	86.4	43,965	41,619	5,200	36,418	2,344	5.3	7,431
1955.....	55,122	47,488	86.2	44,475	42,621	5,265	37,356	1,854	4.2	7,634
1956.....	55,547	47,914	86.3	45,091	43,379	5,040	38,339	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	5.2	8,907
1960 ¹	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 ¹	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	12,677
1970.....	67,409	54,343	80.6	51,195	48,960	2,861	46,099	2,235	4.4	13,066
1971.....	68,512	54,797	80.0	52,021	49,245	2,790	46,455	2,776	5.3	13,715
1972 ¹	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	14,193
1973 ¹	71,020	56,479	79.5	54,203	51,963	2,833	49,130	2,240	4.1	14,541
1974.....	72,253	57,349	79.4	55,186	52,518	2,900	49,618	2,668	4.8	14,904
1975.....	73,494	57,706	78.5	55,615	51,230	2,801	48,429	4,385	7.9	15,788
1976.....	74,739	58,397	78.1	56,359	52,391	2,716	49,675	3,968	7.0	16,341
1977: January ²	75,422	58,654	77.8	56,632	52,918	2,548	50,370	3,714	6.6	16,768
FEMALES										
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	16,617	1,271	15,346	717	4.1	35,737
1949.....	53,689	17,806	33.2	17,788	16,723	1,315	15,409	1,065	6.0	35,883
1950.....	54,293	18,412	33.9	18,389	17,340	1,159	16,181	1,049	5.7	35,881
1951.....	54,933	19,054	34.7	19,016	18,181	1,193	16,988	834	4.4	35,879
1952.....	55,575	19,314	34.8	19,269	18,568	1,111	17,458	698	3.6	36,261
1953 ¹	56,353	19,429	34.5	19,382	18,749	1,006	17,743	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	19,551	1,184	18,366	998	4.9	37,026
1956.....	58,264	21,495	36.9	21,461	20,419	1,244	19,175	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 ¹	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 ¹	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	39,791
1964.....	65,668	25,443	38.7	25,412	23,831	832	23,000	1,581	6.2	40,225
1965.....	66,763	26,232	39.3	26,200	24,748	814	23,934	1,452	5.5	40,531
1966.....	67,829	27,333	40.3	27,299	25,976	736	25,240	1,324	4.8	40,496
1967.....	69,003	28,395	41.2	28,360	26,893	680	26,212	1,468	5.2	40,608
1968.....	70,217	29,242	41.6	29,204	27,807	660	27,147	1,397	4.8	40,976
1969.....	71,476	30,551	42.7	30,513	29,084	643	28,441	1,429	4.7	40,924
1970.....	72,774	31,560	43.4	31,520	29,667	601	29,066	1,853	5.9	41,214
1971.....	74,084	32,132	43.4	32,091	29,875	598	29,277	2,217	6.9	41,952
1972 ¹	75,911	33,320	43.9	33,277	31,072	633	30,439	2,205	6.6	42,591
1973 ¹	77,242	34,561	44.7	34,510	32,446	619	31,827	2,064	6.0	42,681
1974.....	78,575	35,892	45.7	35,825	33,417	592	32,825	2,408	6.7	42,683
1975.....	79,954	37,087	46.4	36,998	33,553	579	32,973	3,445	9.3	42,868
1976.....	81,309	38,520	47.4	38,414	35,095	582	34,513	3,320	8.6	42,789
1977: January ²	81,959	38,995	47.6	38,884	35,640	542	35,098	3,244	8.3	42,964

¹ See footnote 2, table A-1.

² See footnote 3, table A-1.

A-3. Employment status of the noninstitutional population by sex, age, and race

[Numbers in thousands]

Sex, age, and race	January 1977										
	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					
MALES											
16 years and over	58,068	77.0	56,046	51,618	4,428	7.9	17,354	389	4,588	1,706	10,670
16 to 21 years	7,999	63.2	7,283	5,967	1,315	18.1	4,660	19	3,907	30	704
16 to 19 years	4,670	55.0	4,328	3,444	884	20.4	3,822	11	3,340	19	452
16 to 17 years	1,727	40.8	1,695	1,313	383	22.6	2,508	8	2,300	5	194
18 to 19 years	2,943	69.1	2,632	2,131	501	19.0	1,314	3	1,040	14	257
20 to 64 years	51,640	89.3	49,960	46,539	3,420	6.8	6,179	162	1,244	1,243	3,529
20 to 24 years	8,445	85.8	7,704	6,668	1,036	13.4	1,400	14	906	42	438
25 to 54 years	36,231	94.1	35,294	33,204	2,090	5.9	2,290	89	330	653	1,217
25 to 29 years	8,240	94.4	7,863	7,104	759	9.7	492	6	194	56	236
30 to 34 years	6,973	96.1	6,739	6,407	332	4.9	284	14	68	66	135
35 to 39 years	5,613	95.8	5,417	5,145	272	5.0	249	17	30	72	131
40 to 44 years	5,139	95.1	5,047	4,827	220	4.4	263	10	16	88	149
45 to 49 years	5,214	93.3	5,182	4,950	232	4.5	377	18	15	143	200
50 to 54 years	5,052	89.0	5,046	4,771	274	5.4	626	24	7	228	366
55 to 64 years	6,963	73.7	6,961	6,667	295	4.2	2,488	59	6	548	1,874
55 to 59 years	4,276	83.1	4,274	4,091	183	4.3	867	24	5	277	561
60 to 64 years	2,687	62.4	2,687	2,576	112	4.2	1,621	35	2	272	1,313
65 years and over	1,758	19.3	1,758	1,635	124	7.0	7,353	216	5	444	6,689
65 to 69 years	1,053	29.0	1,053	973	80	7.6	2,582	50	3	162	2,367
70 years and over	705	12.9	705	661	44	6.2	4,771	166	2	282	4,321
White											
16 years and over	51,873	77.8	50,202	46,552	3,649	7.3	14,815	330	3,655	1,406	9,424
16 to 21 years	7,079	65.4	6,492	5,422	1,070	16.5	3,738	16	3,131	22	567
16 to 19 years	4,198	58.0	3,914	3,178	736	18.8	3,037	8	2,652	14	363
16 to 17 years	1,595	44.4	1,569	1,217	352	22.4	1,996	6	1,827	3	160
18 to 19 years	2,603	71.4	2,345	1,961	384	16.4	1,041	2	825	11	203
20 to 64 years	46,084	90.0	44,698	41,884	2,813	6.3	5,147	130	1,000	1,026	2,992
20 to 24 years	7,377	86.5	6,783	5,945	838	12.4	1,148	12	755	29	352
25 to 54 years	32,358	94.8	31,567	29,833	1,734	5.5	1,783	68	239	526	949
25 to 34 years	13,541	95.9	13,029	12,143	886	6.8	576	17	188	90	281
35 to 44 years	9,554	95.9	9,310	8,899	411	4.4	405	21	38	132	214
45 to 54 years	9,263	92.0	9,228	8,791	437	4.7	802	30	13	304	455
55 to 64 years	6,350	74.1	6,349	6,107	242	3.8	2,216	49	5	471	1,691
55 to 59 years	3,889	83.6	3,887	3,742	145	3.7	763	18	4	239	503
60 to 64 years	2,461	62.9	2,461	2,365	96	3.9	1,453	32	2	232	1,188
65 years and over	1,590	19.3	1,590	1,490	100	6.3	6,631	192	3	366	6,069
Black and other											
16 years and over	6,195	70.9	5,844	5,066	778	13.3	2,538	59	934	300	1,246
16 to 21 years	919	49.9	790	545	246	31.1	923	3	776	8	136
16 to 19 years	472	37.5	414	266	148	35.7	785	3	688	5	89
16 to 17 years	132	20.4	127	96	31	24.2	512	3	473	2	34
18 to 19 years	340	55.5	287	170	117	40.7	273	--	215	3	54
20 to 64 years	5,555	84.4	5,261	4,654	607	11.5	1,031	33	244	217	538
20 to 24 years	1,069	81.0	921	724	198	21.5	251	2	151	12	86
25 to 54 years	3,873	88.4	3,727	3,371	356	9.6	507	20	91	127	268
25 to 34 years	1,672	89.3	1,574	1,368	206	13.1	201	3	75	32	90
35 to 44 years	1,197	91.8	1,154	1,073	81	7.0	107	5	7	28	66
45 to 54 years	1,004	83.4	1,000	930	69	6.9	200	13	9	67	111
55 to 64 years	613	69.3	613	560	53	8.7	272	10	1	77	183
55 to 59 years	387	78.9	387	349	38	9.8	104	7	1	38	58
60 to 64 years	226	57.4	226	211	15	6.8	168	3	--	40	125
65 years and over	169	18.9	169	145	24	14.0	723	23	2	78	619

HOUSEHOLD DATA

A-3. Employment status of the noninstitutional population by sex, age, and race—Continued

[Numbers in thousands]

Sex, age, and race	January 1977										
	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					
FEMALES											
16 years and over	38,769	47.3	38,658	35,238	3,420	8.8	43,190	34,253	4,527	911	3,499
16 to 21 years	6,425	51.8	6,376	5,236	1,140	17.9	5,984	1,523	3,934	25	501
16 to 19 years	3,848	46.3	3,829	3,033	796	20.8	4,469	753	3,337	19	360
16 to 17 years	1,492	36.3	1,491	1,148	343	23.0	2,617	175	2,277	5	160
18 to 19 years	2,356	56.0	2,338	1,884	454	19.4	1,852	578	1,060	14	200
20 to 64 years	33,911	55.9	33,819	31,239	2,579	7.6	26,806	23,701	1,183	377	1,545
20 to 24 years	6,340	64.5	6,279	5,506	773	12.3	3,490	2,376	840	16	257
25 to 54 years	23,219	57.6	23,188	21,597	1,591	6.9	17,094	15,834	330	194	736
25 to 29 years	5,385	60.5	5,363	4,852	511	9.5	3,511	3,192	154	15	150
30 to 34 years	4,149	55.6	4,144	3,850	294	7.1	3,312	3,107	58	20	127
35 to 39 years	3,595	58.2	3,593	3,383	210	5.9	2,587	2,406	49	22	110
40 to 44 years	3,389	59.5	3,388	3,187	201	5.9	2,311	2,160	34	35	82
45 to 49 years	3,379	57.1	3,378	3,190	188	5.6	2,534	2,360	23	41	111
50 to 54 years	3,322	53.9	3,322	3,136	186	5.6	2,838	2,609	13	60	155
55 to 64 years	4,352	41.2	4,352	4,136	216	5.0	6,223	5,491	12	166	553
55 to 59 years	2,720	48.1	2,720	2,582	138	5.1	2,933	2,649	8	81	195
60 to 64 years	1,632	33.2	1,632	1,554	77	4.7	3,290	2,841	5	86	358
65 years and over	1,010	7.8	1,010	966	44	4.3	11,915	9,800	7	514	1,594
65 to 69 years	661	14.4	661	629	32	4.8	3,930	3,416	1	99	414
70 years and over	349	4.2	349	338	12	3.4	7,985	6,384	6	415	1,179
White											
16 years and over	33,728	47.0	33,638	30,898	2,740	8.1	37,999	30,672	3,586	709	3,032
16 to 21 years	5,757	54.8	5,716	4,806	911	15.9	4,751	1,215	3,110	20	407
16 to 19 years	3,481	49.5	3,464	2,813	651	18.8	3,552	601	2,641	14	297
16 to 17 years	1,383	40.0	1,383	1,080	302	21.9	2,079	138	1,797	4	140
18 to 19 years	2,097	58.7	2,082	1,733	349	16.8	1,473	463	845	9	157
20 to 64 years	29,356	55.4	29,281	27,234	2,048	7.0	23,595	21,088	938	271	1,297
20 to 24 years	5,518	65.9	5,469	4,891	578	10.6	2,853	1,978	670	13	193
25 to 54 years	19,916	56.8	19,891	18,618	1,273	6.4	15,130	14,107	258	138	626
25 to 34 years	8,061	57.1	8,039	7,435	604	7.5	6,048	5,633	158	26	231
35 to 44 years	5,958	58.0	5,955	5,624	330	5.5	4,313	4,044	69	38	163
45 to 54 years	5,897	55.3	5,896	5,558	338	5.7	4,769	4,430	31	75	232
55 to 64 years	3,922	41.1	3,922	3,725	197	5.0	5,611	5,003	10	119	479
55 to 59 years	2,440	48.0	2,440	2,317	123	5.1	2,645	2,414	5	61	165
60 to 64 years	1,481	33.3	1,481	1,408	74	5.0	2,966	2,589	5	58	314
65 years and over	892	7.6	892	851	41	4.6	10,852	8,983	7	424	1,438
Black and other											
16 years and over	5,041	49.3	5,020	4,340	680	13.5	5,191	3,581	941	202	467
16 to 21 years	668	35.1	660	431	229	34.7	1,233	308	824	6	95
16 to 19 years	368	28.6	365	220	145	39.8	917	152	696	6	64
16 to 17 years	109	16.8	109	68	41	37.5	538	37	481	1	20
18 to 19 years	259	40.6	256	152	104	40.7	379	115	215	5	43
20 to 64 years	4,555	58.6	4,537	4,006	532	11.7	3,211	2,612	245	106	248
20 to 24 years	822	56.4	810	615	195	24.0	636	399	171	3	69
25 to 54 years	3,303	62.7	3,297	2,978	319	9.7	1,964	1,727	73	56	109
25 to 34 years	1,472	65.5	1,467	1,266	202	13.7	775	666	54	10	46
35 to 44 years	1,027	63.7	1,027	945	81	7.9	585	522	13	20	29
45 to 54 years	804	57.1	803	768	36	4.5	604	539	5	26	34
55 to 64 years	430	41.3	430	411	19	4.4	611	487	2	48	74
55 to 59 years	280	49.3	280	265	15	5.4	288	235	2	20	31
60 to 64 years	150	31.7	150	147	4	2.5	323	252	--	28	44
65 years and over	118	10.0	118	115	3	2.2	1,063	817	--	90	156

A-4. Labor force by sex, age, and race

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
MALES								
16 years and over	57,205	58,068	77.1	77.0	55,164	56,046	76.4	76.4
16 to 19 years	4,692	4,670	55.5	55.0	4,336	4,328	53.5	53.1
16 to 17 years	1,784	1,727	42.2	40.8	1,755	1,695	41.7	40.3
18 to 19 years	2,908	2,943	68.8	69.1	2,581	2,632	66.2	66.7
20 to 24 years	8,107	8,445	83.9	85.8	7,353	7,704	82.6	84.6
25 to 54 years	35,697	36,231	94.2	94.1	34,769	35,294	94.1	93.9
25 to 34 years	14,707	15,213	95.2	95.1	14,107	14,603	95.0	95.0
35 to 44 years	10,585	10,752	95.4	95.5	10,293	10,464	95.3	95.3
45 to 54 years	10,406	10,266	91.7	91.1	10,369	10,227	91.7	91.1
55 to 64 years	6,935	6,963	74.6	73.7	6,934	6,961	74.6	73.7
55 to 59 years	4,189	4,276	83.5	83.1	4,188	4,274	83.5	83.1
60 to 64 years	2,747	2,687	64.2	62.4	2,747	2,687	64.2	62.4
65 years and over	1,772	1,758	19.9	19.3	1,772	1,758	19.9	19.3
White								
16 years and over	51,218	51,873	78.0	77.8	49,515	50,202	77.4	77.2
16 to 19 years	4,201	4,198	58.2	58.0	3,902	3,914	56.4	56.3
16 to 17 years	1,637	1,595	45.5	44.4	1,611	1,569	45.1	44.0
18 to 19 years	2,564	2,603	70.8	71.4	2,291	2,345	68.4	69.3
20 to 24 years	7,080	7,377	84.5	86.5	6,470	6,783	83.3	85.5
25 to 54 years	31,958	32,358	95.0	94.8	31,167	31,567	94.9	94.7
25 to 34 years	13,101	13,541	95.9	95.9	12,592	13,029	95.7	95.8
35 to 44 years	9,430	9,554	96.0	95.9	9,181	9,310	95.9	95.8
45 to 54 years	9,427	9,263	92.9	92.0	9,394	9,228	92.8	92.0
55 to 64 years	6,363	6,350	75.5	74.1	6,362	6,349	75.5	74.1
55 to 59 years	3,848	3,889	84.6	83.6	3,847	3,887	84.6	83.6
60 to 64 years	2,515	2,461	64.8	62.9	2,515	2,461	64.8	62.9
65 years and over	1,615	1,590	20.1	19.3	1,615	1,590	20.1	19.3
Black and other								
16 years and over	5,987	6,195	70.3	70.9	5,649	5,844	69.1	69.7
16 to 19 years	491	472	39.4	37.5	434	414	36.5	34.5
16 to 17 years	147	132	23.1	20.4	144	127	22.6	19.9
18 to 19 years	344	340	56.7	55.5	290	287	52.5	51.3
20 to 24 years	1,027	1,069	80.0	81.0	883	921	77.5	78.6
25 to 54 years	3,740	3,873	87.9	88.4	3,603	3,727	87.5	88.0
25 to 34 years	1,606	1,672	89.8	89.3	1,516	1,574	89.2	88.7
35 to 44 years	1,155	1,197	90.5	91.8	1,112	1,154	90.1	91.5
45 to 54 years	979	1,004	82.2	83.4	975	1,000	82.1	83.3
55 to 64 years	573	613	65.7	69.3	572	613	65.7	69.3
55 to 59 years	340	387	72.3	78.9	340	387	72.3	78.9
60 to 64 years	232	226	58.0	57.4	232	226	58.0	57.4
65 years and over	157	169	18.3	18.9	157	169	18.3	18.9

HOUSEHOLD DATA

A-4. Labor force by sex, age, and race—Continued

Sex, age, and race	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
FEMALES								
16 years and over	37,600	38,769	46.6	47.3	37,501	38,658	46.5	47.2
16 to 19 years	3,775	3,848	45.6	46.3	3,754	3,829	45.4	46.1
16 to 17 years	1,473	1,492	35.8	36.3	1,472	1,491	35.8	36.3
18 to 19 years	2,302	2,356	55.2	56.0	2,283	2,338	55.0	55.8
20 to 24 years	6,144	6,340	63.8	64.5	6,089	6,279	63.6	64.3
25 to 54 years	22,277	23,219	56.1	57.6	22,252	23,188	56.1	57.6
25 to 34 years	8,967	9,533	56.7	58.3	8,946	9,507	56.7	58.2
35 to 44 years	6,673	6,985	57.1	58.8	6,670	6,982	57.1	58.8
45 to 54 years	6,637	6,701	54.5	55.5	6,636	6,700	54.5	55.5
55 to 64 years	4,312	4,352	41.4	41.2	4,312	4,352	41.4	41.2
55 to 59 years	2,655	2,720	48.0	48.1	2,655	2,720	48.0	48.1
60 to 64 years	1,657	1,632	33.8	33.2	1,657	1,632	33.8	33.2
65 years and over	1,093	1,010	8.6	7.8	1,093	1,010	8.6	7.8
White								
16 years and over	32,692	33,728	46.2	47.0	32,609	33,638	46.1	47.0
16 to 19 years	3,375	3,481	48.1	49.5	3,357	3,464	48.0	49.4
16 to 17 years	1,350	1,383	38.9	40.0	1,349	1,383	38.9	39.9
18 to 19 years	2,025	2,097	57.1	58.7	2,008	2,082	56.9	58.6
20 to 24 years	5,384	5,518	65.5	65.9	5,339	5,469	65.3	65.7
25 to 54 years	19,118	19,916	55.3	56.8	19,097	19,891	55.3	56.8
25 to 34 years	7,577	8,061	55.4	57.1	7,560	8,039	55.4	57.1
35 to 44 years	5,711	5,958	56.4	58.0	5,708	5,955	56.4	58.0
45 to 54 years	5,831	5,897	54.1	55.3	5,830	5,896	54.1	55.3
55 to 64 years	3,871	3,922	41.2	41.1	3,871	3,922	41.2	41.1
55 to 59 years	2,387	2,440	47.9	48.0	2,387	2,440	47.9	48.0
60 to 64 years	1,484	1,481	33.6	33.3	1,484	1,481	33.6	33.3
65 years and over	945	892	8.2	7.6	945	892	8.2	7.6
Black and other								
16 years and over	4,908	5,041	49.4	49.3	4,891	5,020	49.3	49.2
16 to 19 years	400	368	31.6	28.6	397	365	31.4	28.5
16 to 17 years	123	109	19.2	16.8	123	109	19.1	16.8
18 to 19 years	278	259	44.3	40.6	275	256	44.1	40.4
20 to 24 years	760	822	53.8	56.4	750	810	53.5	56.0
25 to 54 years	3,159	3,303	61.9	62.7	3,155	3,297	61.8	62.7
25 to 34 years	1,390	1,472	64.7	65.5	1,387	1,467	64.7	65.4
35 to 44 years	962	1,027	61.3	63.7	962	1,027	61.3	63.7
45 to 54 years	807	804	58.1	57.1	807	803	58.1	57.1
55 to 64 years	441	430	43.1	41.3	441	430	43.1	41.3
55 to 59 years	268	280	49.0	49.3	268	280	49.0	49.3
60 to 64 years	173	150	36.3	31.7	173	150	36.3	31.7
65 years and over	148	118	13.0	10.0	148	118	13.0	10.0

A-5. Employment status of black workers by sex and age

[Numbers in thousands]

Sex and age	January 1977						
	Civilian labor force						Not in labor force
	Total	Employed			Unemployed		
		Total	Agri- culture	Nonagri- cultural indus- tries	Number	Percent of labor force	
Total							
16 years and over	9,346	8,007	164	7,843	1,338	14.3	6,775
16 to 19 years	674	387	10	377	286	42.5	1,525
16 to 17 years	206	133	7	126	73	35.5	943
18 to 19 years	468	255	4	251	214	45.6	582
20 to 24 years	1,493	1,122	14	1,108	371	24.9	776
25 to 54 years	5,987	5,387	93	5,294	600	10.0	2,082
25 to 34 years	2,569	2,198	38	2,160	371	14.4	781
35 to 44 years	1,874	1,726	26	1,700	149	7.9	590
45 to 54 years	1,543	1,463	29	1,435	80	5.2	711
55 to 64 years	933	872	23	849	61	6.5	798
55 to 59 years	592	549	17	532	43	7.3	354
60 to 64 years	341	323	6	318	18	5.2	445
65 years and over	259	239	24	214	21	7.9	1,593
Males							
16 years and over	5,007	4,307	147	4,160	701	14.0	2,229
16 to 19 years	353	209	11	198	144	40.7	703
16 to 17 years	105	74	7	68	31	29.2	462
18 to 19 years	248	135	5	130	113	45.6	241
20 to 24 years	804	620	13	607	184	22.8	206
25 to 54 years	3,165	2,853	80	2,772	313	9.9	441
25 to 34 years	1,319	1,130	30	1,099	189	14.3	162
35 to 44 years	991	923	25	898	69	6.9	93
45 to 54 years	855	800	25	775	55	6.4	186
55 to 64 years	538	495	22	473	43	8.0	252
55 to 59 years	340	310	16	295	29	8.6	98
60 to 64 years	198	185	6	179	14	6.9	153
65 years and over	148	130	21	109	18	12.2	628
Females							
16 years and over	4,339	3,701	17	3,683	638	14.7	4,546
16 to 19 years	321	178	--	179	143	44.5	822
16 to 17 years	101	58	--	58	42	42.0	482
18 to 19 years	220	120	--	121	100	45.6	341
20 to 24 years	690	502	1	501	188	27.2	570
25 to 54 years	2,822	2,535	13	2,522	287	10.2	1,642
25 to 34 years	1,250	1,069	8	1,061	181	14.5	619
35 to 44 years	883	803	1	802	80	9.1	497
45 to 54 years	689	663	4	660	26	3.7	525
55 to 64 years	394	377	1	376	18	4.5	547
55 to 59 years	252	238	1	237	14	5.5	255
60 to 64 years	142	138	--	139	4	2.7	291
65 years and over	111	109	3	105	3	2.3	965

NOTE: According to the 1970 Census, black workers comprised about 89 percent of the "black and other" population group.

HOUSEHOLD DATA

A-6. Employment status of the noninstitutional population by sex, age, and race

[Numbers in thousands]

Employment status and race	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
TOTAL								
Total noninstitutional population	154,915	157,381	65,739	66,930	72,433	73,642	16,743	16,810
Total labor force	94,805	96,837	52,513	53,398	33,826	34,921	8,467	8,518
Percent of population	61.2	61.5	79.9	79.8	46.7	47.4	50.6	50.7
Civilian labor force	92,665	94,704	50,829	51,718	33,746	34,829	8,090	8,157
Employed	84,491	86,856	47,136	48,174	31,002	32,205	6,353	6,477
Agriculture	2,853	2,672	2,163	2,030	408	394	282	248
Nonagricultural industries	81,638	84,184	44,973	46,144	30,595	31,811	6,071	6,229
Unemployed	8,174	7,848	3,693	3,544	2,744	2,623	1,737	1,680
Percent of labor force	8.8	8.3	7.3	6.9	8.1	7.5	21.5	20.6
Not in labor force	60,110	60,544	13,226	13,532	38,608	38,721	8,276	8,291
White								
Total noninstitutional population	136,453	138,415	58,467	59,452	63,755	64,694	14,230	14,268
Total labor force	83,910	85,601	47,016	47,674	29,318	30,248	7,576	7,679
Percent of population	61.5	61.8	80.4	80.2	46.0	46.8	53.2	53.8
Civilian labor force	82,125	83,839	45,614	46,288	29,253	30,173	7,258	7,378
Employed	75,439	77,450	42,581	43,374	27,032	28,085	5,826	5,991
Agriculture	2,619	2,480	1,975	1,875	380	368	264	237
Nonagricultural industries	72,820	74,970	40,606	41,499	26,652	27,717	5,562	5,754
Unemployed	6,686	6,389	3,032	2,913	2,221	2,089	1,433	1,388
Percent of labor force	8.1	7.6	6.6	6.3	7.6	6.9	19.7	18.8
Not in labor force	52,543	52,814	11,451	11,778	34,438	34,447	6,655	6,589
Black and other								
Total noninstitutional population	18,462	18,966	7,272	7,477	8,678	8,947	2,513	2,541
Total labor force	10,895	11,236	5,496	5,724	4,508	4,673	892	839
Percent of population	59.0	59.2	75.6	76.5	51.9	52.2	35.5	33.0
Civilian labor force	10,540	10,864	5,215	5,430	4,494	4,655	831	779
Employed	9,052	9,406	4,555	4,799	3,970	4,121	527	486
Agriculture	234	192	188	155	28	27	18	10
Nonagricultural industries	8,818	9,214	4,367	4,644	3,943	4,094	509	476
Unemployed	1,488	1,458	660	631	523	535	304	293
Percent of labor force	14.1	13.4	12.7	11.6	11.6	11.5	36.6	37.6
Not in labor force	7,567	7,730	1,775	1,754	4,170	4,274	1,621	1,702

A-7. Employment status of the noninstitutional population 16-21 years of age by race and sex

[Numbers in thousands]

Employment status	January 1977								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	25,068	12,659	12,409	21,325	10,817	10,508	3,743	1,842	1,901
Total labor force	14,423	7,999	6,425	12,836	7,079	5,757	1,587	919	668
Percent of population	57.5	63.2	51.8	60.2	65.4	54.8	42.4	49.9	35.1
Civilian labor force	13,658	7,283	6,376	12,208	6,492	5,716	1,450	790	660
Employed	11,203	5,967	5,236	10,228	5,422	4,806	975	545	431
Agriculture	352	304	48	336	289	47	16	16	--
Nonagricultural industries	10,851	5,663	5,189	9,892	5,134	4,759	959	529	430
Unemployed	2,455	1,315	1,140	1,980	1,070	911	475	246	229
Percent of labor force	18.0	18.1	17.9	16.2	16.5	15.9	32.7	31.1	34.7
Looking for full-time work	1,497	820	677	1,171	647	524	326	173	153
Looking for part-time work	958	495	463	809	422	387	148	73	75
Not in labor force	10,645	4,660	5,984	8,489	3,738	4,751	2,156	923	1,233
MAJOR ACTIVITY: GOING TO SCHOOL									
Civilian labor force	3,884	2,035	1,849	3,539	1,854	1,685	344	181	164
Employed	3,060	1,587	1,473	2,849	1,474	1,375	211	113	98
Agriculture	106	92	14	104	90	14	2	2	--
Nonagricultural industries	2,954	1,495	1,459	2,744	1,383	1,361	209	111	98
Unemployed	824	448	376	691	380	311	133	68	65
Percent of labor force	21.2	22.0	20.3	19.5	20.5	18.4	38.6	37.4	39.9
Looking for full-time work	72	29	43	52	21	31	20	8	12
Looking for part-time work	752	418	333	639	359	280	113	59	53
Not in labor force	7,841	3,907	3,934	6,241	3,131	3,110	1,600	776	824
MAJOR ACTIVITY: OTHER									
Civilian labor force	9,775	5,248	4,527	8,669	4,638	4,031	1,106	610	496
Employed	8,144	4,380	3,763	7,379	3,949	3,431	764	432	332
Agriculture	246	212	33	232	198	33	14	14	--
Nonagricultural industries	7,898	4,168	3,730	7,148	3,750	3,398	750	418	332
Unemployed	1,631	868	764	1,290	690	600	342	178	164
Percent of labor force	16.7	16.5	16.9	14.9	14.9	14.9	30.9	29.2	33.0
Looking for full-time work	1,425	791	634	1,119	626	493	306	164	141
Looking for part-time work	206	77	129	170	63	107	36	14	22
Not in labor force	2,803	753	2,050	2,248	606	1,641	556	147	409

A-8. Full- and part-time status of the civilian labor force by sex, age, and race

[Numbers in thousands]

Race, sex, and age	January 1977								
	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									
Both sexes, 16 years and over	80,289	70,750	3,328	6,211	7.7	14,415	12,778	1,637	11.4
16 to 21 years	8,269	6,045	726	1,497	18.1	5,390	4,432	958	17.8
16 to 19 years	3,877	2,619	420	838	21.6	4,281	3,438	842	19.7
16 to 17 years	540	303	85	152	28.1	2,647	2,073	574	21.7
18 to 19 years	3,336	2,316	335	686	20.6	1,634	1,365	269	16.4
20 years and over	76,412	68,131	2,908	5,373	7.0	10,135	9,340	795	7.8
20 to 24 years	11,971	9,699	705	1,566	13.1	2,012	1,770	242	12.0
25 years and over	64,441	58,432	2,203	3,807	5.9	8,123	7,570	553	6.8
25 to 54 years	52,968	47,937	1,741	3,289	6.2	5,514	5,122	392	7.1
55 years and over	11,473	10,494	461	518	4.5	2,609	2,448	161	6.2
Males, 16 years and over	51,101	45,867	1,549	3,685	7.2	4,944	4,202	742	15.0
16 to 21 years	4,592	3,407	365	820	17.9	2,690	2,195	495	18.4
16 to 19 years	2,163	1,512	203	448	20.7	2,165	1,729	436	20.1
20 years and over	48,939	44,355	1,346	3,238	6.6	2,779	2,473	306	11.0
20 to 24 years	6,791	5,513	568	910	13.4	913	787	126	13.8
25 years and over	42,148	38,842	978	2,328	5.5	1,866	1,686	180	9.6
25 to 54 years	34,516	31,766	761	1,991	5.8	778	678	100	12.9
55 years and over	7,631	7,077	217	338	4.4	1,089	1,008	81	7.4
Females, 16 years and over	29,187	24,883	1,779	2,525	8.7	9,471	8,576	894	9.4
16 to 21 years	3,676	2,639	361	677	18.4	2,700	2,237	463	17.1
16 to 19 years	1,714	1,106	217	390	22.8	2,116	1,709	406	19.2
20 years and over	27,473	23,776	1,562	2,135	7.8	7,355	6,867	488	6.6
20 to 24 years	5,180	4,187	337	657	12.7	1,099	983	116	10.6
25 years and over	22,293	19,589	1,225	1,478	6.6	6,256	5,884	372	5.9
25 to 54 years	18,451	16,172	981	1,299	7.0	4,736	4,444	293	6.2
55 years and over	3,842	3,417	244	180	4.7	1,520	1,440	80	5.3
White									
Males, 16 years and over	45,810	41,498	1,295	3,018	6.6	4,391	3,759	632	14.4
16 to 21 years	4,054	3,105	301	647	16.0	2,438	2,016	422	17.3
16 to 19 years	1,944	1,411	169	365	18.8	1,970	1,598	372	18.9
20 years and over	43,866	40,087	1,126	2,653	6.0	2,421	2,161	260	10.7
20 to 24 years	5,984	4,942	313	729	12.2	799	690	109	13.6
25 years and over	37,882	35,145	813	1,924	5.1	1,622	1,471	151	9.3
25 to 54 years	30,905	28,620	644	1,641	5.3	662	569	93	14.0
55 years and over	6,978	6,526	169	284	4.1	960	902	59	6.1
Females, 16 years and over	24,962	21,526	1,456	1,981	7.9	8,675	7,916	759	8.8
16 to 21 years	3,244	2,408	313	524	16.1	2,472	2,085	387	15.7
16 to 19 years	1,525	1,021	194	310	20.3	1,939	1,598	342	17.6
20 years and over	23,437	20,504	1,262	1,671	7.1	6,736	6,319	418	6.2
20 to 24 years	4,473	3,703	284	486	10.9	996	904	92	9.2
25 years and over	18,964	16,801	978	1,185	6.2	5,740	5,415	326	5.7
25 to 54 years	15,505	13,699	791	1,015	6.5	4,386	4,128	258	5.8
55 years and over	3,459	3,102	187	171	4.9	1,354	1,287	69	5.1
Black and other									
Males, 16 years and over	5,291	4,369	254	668	12.6	553	442	111	20.0
16 to 21 years	538	301	64	173	32.1	252	179	73	28.9
16 to 19 years	219	101	34	83	38.1	195	131	64	33.0
20 years and over	5,072	4,268	220	584	11.5	358	312	47	13.0
20 to 24 years	807	571	56	181	22.4	114	97	17	15.0
25 years and over	4,265	3,697	164	403	9.4	244	215	30	12.3
25 to 54 years	3,612	3,146	116	349	9.7	116	109	7	6.0
55 years and over	653	551	48	54	8.3	129	106	22	17.1
Females, 16 years and over	4,225	3,357	323	544	12.9	795	660	135	17.0
16 to 21 years	432	231	47	153	35.5	228	152	75	33.1
16 to 19 years	189	85	23	80	42.6	176	111	65	36.8
20 years and over	4,036	3,272	300	464	11.5	619	549	71	11.4
20 to 24 years	708	483	53	171	24.2	103	79	24	23.3
25 years and over	3,328	2,789	247	293	8.8	516	470	47	9.1
25 to 54 years	2,946	2,473	189	284	9.6	351	316	35	10.0
55 years and over	382	316	57	10	2.6	166	153	11	6.6

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

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A-9. Unemployed persons by sex and age

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
Total, 16 years and over	4,690	4,428	8.5	7.9	3,484	3,420	9.3	8.8
16 to 19 years	997	884	23.0	20.4	740	796	19.7	20.8
16 to 17 years	430	383	24.5	22.6	300	343	20.4	23.0
18 to 19 years	567	501	22.0	19.0	440	454	19.3	19.4
20 years and over	3,693	3,544	7.3	6.9	2,744	2,623	8.1	7.5
20 to 24 years	1,114	1,036	15.2	13.4	814	773	13.4	12.3
25 years and over	2,579	2,508	5.9	5.7	1,930	1,850	7.0	6.5
25 to 34 years	1,080	1,091	7.7	7.5	813	805	9.1	8.5
35 to 44 years	544	492	5.3	4.7	429	412	6.4	5.9
45 to 54 years	520	506	5.0	4.9	384	374	5.8	5.6
55 to 64 years	318	295	4.6	4.2	233	216	5.4	5.0
55 to 59 years	181	183	4.3	4.3	143	138	5.4	5.1
60 to 64 years	137	112	5.0	4.2	90	77	5.4	4.7
65 years and over	117	124	6.6	7.0	72	44	6.6	4.3
Household heads, 16 years and over	2,590	2,444	5.8	5.4	741	678	8.7	7.7
16 to 24 years	445	393	10.8	9.3	154	149	13.1	12.6
25 to 54 years	1,730	1,650	5.4	5.1	444	402	8.6	7.3
55 years and over	414	401	4.9	4.7	143	127	6.5	5.8

A-10. Unemployed persons by marital status, sex, age, and race

Marital status, sex, age, and race	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
Total, 16 years and over	4,690	4,428	8.5	7.9	3,484	3,420	9.3	8.8
Married, spouse present	2,135	1,971	5.4	5.0	1,698	1,574	7.8	7.1
Widowed, divorced, or separated	422	460	11.3	11.4	697	626	10.1	8.8
Single (never married)	2,133	1,997	18.1	16.2	1,089	1,220	12.3	12.9
White, 16 years and over	3,880	3,649	7.8	7.3	2,806	2,740	8.6	8.1
Married, spouse present	1,848	1,714	5.1	4.7	1,458	1,388	7.5	7.0
Widowed, divorced, or separated	301	355	10.1	10.9	524	442	9.5	7.7
Single (never married)	1,732	1,581	16.8	14.7	824	910	10.8	11.2
Black and other, 16 years and over	810	778	14.3	13.3	678	680	13.9	13.5
Married, spouse present	287	257	8.3	7.3	240	185	10.6	8.2
Widowed, divorced, or separated	121	105	16.1	13.6	173	184	12.7	13.0
Single (never married)	401	416	27.6	26.7	265	310	20.8	22.9
Total, 20 to 64 years of age	3,576	3,420	7.3	6.8	2,672	2,579	8.2	7.6
Married, spouse present	2,013	1,841	5.3	4.8	1,577	1,452	7.5	6.8
Widowed, divorced, or separated	392	432	11.2	11.3	625	571	10.0	8.8
Single (never married)	1,171	1,149	15.3	14.1	470	556	8.5	9.2
White, 20 to 64 years of age	2,939	2,813	6.7	6.3	2,159	2,048	7.6	7.0
Married, spouse present	1,738	1,602	5.0	4.6	1,351	1,274	7.2	6.7
Widowed, divorced, or separated	285	330	10.2	10.7	464	402	9.4	7.8
Single (never married)	916	881	13.8	12.6	344	372	7.5	7.4
Black and other, 20 to 64 years of age	636	607	12.6	11.5	513	532	11.8	11.7
Married, spouse present	275	238	8.3	7.0	226	177	10.4	8.1
Widowed, divorced, or separated	107	101	15.2	13.8	162	169	12.8	12.9
Single (never married)	254	268	24.8	23.4	125	184	13.6	17.9

A-11. Unemployed persons by occupation of last job and sex

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
Total	8,174	7,848	8.8	8.3	8.5	7.9	9.3	8.8
White-collar workers	2,241	2,275	5.0	4.9	3.6	3.8	6.3	5.8
Professional and technical	408	454	3.0	3.2	2.7	3.1	3.4	3.4
Managers and administrators, except farm	299	327	3.2	3.3	2.7	3.0	5.2	4.3
Sales workers	397	398	7.1	6.7	5.7	5.2	9.1	8.8
Clerical workers	1,137	1,098	6.9	6.4	5.7	5.7	7.2	6.6
Blue-collar workers	3,797	3,449	12.1	10.8	11.6	10.2	14.7	13.6
Craft and kindred workers	1,055	981	8.9	8.0	8.9	8.0	7.2	8.4
Carpenters and other construction craft	205	548	15.1	15.1	18.1	15.1	(1)	(1)
All other	850	433	7.9	5.0	7.9	4.8	6.9	7.9
Operatives, except transport	1,470	1,315	13.0	11.6	11.5	9.6	15.4	14.6
Transport equipment operatives	380	336	10.8	9.2	10.8	9.4	11.6	6.8
Nonfarm laborers	892	817	19.5	17.7	19.5	18.1	19.7	14.6
Construction laborers	275	266	33.6	32.2	33.8	32.3	(1)	(1)
All other	617	551	16.4	14.6	16.0	14.6	19.7	14.3
Service workers	1,251	1,192	9.6	9.3	9.2	9.0	9.9	9.4
Private household	62	61	5.6	5.1	(1)	(1)	5.7	4.7
All other	1,189	1,131	10.0	9.7	9.3	9.0	10.6	10.2
Farm workers	137	147	5.3	6.1	5.1	5.2	6.5	11.3
No previous work experience	747	785	--	--	--	--	--	--
16 to 19 years	531	590	--	--	--	--	--	--
20 to 24 years	145	114	--	--	--	--	--	--
25 years and over	70	81	--	--	--	--	--	--

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

A-12. Unemployed persons by industry of last job and sex

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
Total	100.0	100.0	8.8	8.3	8.5	7.9	9.3	8.8
Nonagricultural private wage and salary workers	79.0	76.9	9.6	8.8	9.4	8.5	10.0	9.1
Mining	.6	.5	7.6	5.3	7.1	5.3	(1)	5.5
Construction	11.4	11.7	22.3	21.3	23.3	21.9	9.7	11.5
Manufacturing	25.5	22.5	9.8	8.3	8.5	6.6	13.0	12.0
Durable goods	15.3	12.5	9.9	7.8	9.0	6.5	13.1	11.6
Lumber and wood products	1.1	.9	14.1	10.2	13.8	10.0	15.9	12.1
Furniture and fixtures	.7	.7	10.7	9.4	9.8	7.2	12.8	15.3
Stone, clay, and glass products	.9	1.1	10.4	11.6	11.3	11.0	6.8	13.6
Primary metal industries	1.7	1.4	10.6	8.1	10.8	8.2	9.2	7.4
Fabricated metal products	1.9	1.6	10.3	8.9	9.6	8.9	13.1	8.8
Machinery, except electrical equipment	2.4	1.4	8.3	4.8	7.2	4.7	13.6	5.6
Electrical equipment	2.4	1.9	8.9	6.8	6.6	3.7	12.4	11.0
Transportation equipment	2.2	1.6	8.6	6.0	8.1	5.2	11.8	10.8
Automobiles	1.1	.6	8.0	4.0	8.0	3.6	7.6	5.9
Other transportation equipment	1.1	1.0	9.3	8.4	8.2	7.0	17.1	15.9
Instruments and related products	.4	.5	6.4	6.5	3.8	3.1	10.4	11.1
Other durable goods industries	1.5	1.4	17.5	16.4	14.6	9.8	21.5	24.5
Nondurable goods	10.2	10.0	9.8	9.1	7.5	6.8	13.0	12.3
Food and kindred products	2.5	2.7	10.8	11.9	8.5	9.4	16.7	18.3
Textile mill products	1.3	1.2	11.6	9.2	9.7	7.0	13.6	11.6
Apparel and other textile products	2.3	2.2	13.4	13.0	9.5	13.1	14.4	13.0
Paper and allied products	.7	.6	9.0	7.4	9.4	5.1	7.4	15.0
Printing and publishing	1.0	1.2	6.8	6.3	5.7	4.6	8.5	9.0
Chemicals and allied products	.9	.7	6.1	5.1	4.7	3.7	9.9	8.9
Rubber and plastics products	.9	.7	10.6	7.4	8.3	6.3	14.7	9.6
Other nondurable goods industries	.6	.7	8.4	8.5	5.8	7.5	12.4	10.1
Transportation and public utilities	3.5	3.5	5.8	5.5	5.8	5.8	5.6	4.6
Railroads and railway express	.3	.4	3.5	5.0	3.5	5.4	(1)	(1)
Other transportation	2.5	2.2	8.8	7.4	9.3	8.3	6.7	3.8
Communication and other public utilities	.8	.9	3.0	3.5	2.0	2.4	4.9	5.4
Wholesale and retail trade	20.7	21.9	10.0	9.7	8.1	8.2	12.3	11.6
Finance, insurance, and real estate	2.8	2.6	5.1	4.4	4.0	5.0	6.0	4.0
Service industries	14.5	14.2	8.1	7.3	8.9	7.9	7.6	6.9
Professional services	5.4	5.4	5.3	5.0	5.5	4.4	5.1	5.3
All other service industries	9.0	8.8	11.9	10.3	12.1	11.1	11.6	9.6
Agricultural wage and salary workers	2.4	2.8	15.4	17.3	16.0	16.3	12.6	21.6
All other classes of workers	9.4	11.3	3.3	3.4	3.0	3.1	3.7	3.8
No previous work experience	9.1	10.0	--	--	--	--	--	--

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

HOUSEHOLD DATA

A-13. Unemployed persons by reason for unemployment, sex, age, and race

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Black and other	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
UNEMPLOYMENT LEVEL												
Total unemployed, in thousands	8,174	7,848	3,693	3,544	2,744	2,623	1,737	1,680	6,686	6,389	1,488	1,458
Job losers	4,588	4,073	2,693	2,409	1,366	1,196	528	467	3,818	3,361	770	712
On layoff	1,529	1,247	933	748	446	360	150	139	1,292	1,110	237	137
Other job losers	3,059	2,825	1,761	1,661	920	836	378	328	2,526	2,250	532	575
Job leavers	863	953	309	380	385	410	168	163	757	834	105	119
Reentrants	1,983	2,043	591	671	878	908	514	464	1,571	1,588	412	455
New entrants	740	779	99	84	115	109	526	586	539	607	201	172
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
Job losers	56.1	51.9	73.0	68.0	49.8	45.6	30.4	27.8	57.1	52.6	51.8	48.8
On layoff	18.7	15.9	25.3	21.1	16.3	13.7	8.6	8.3	19.3	17.4	16.0	9.4
Other job losers	37.4	36.0	47.7	46.9	33.5	31.9	21.8	19.5	37.8	35.2	35.8	39.4
Job leavers	10.6	12.1	8.4	10.7	14.0	15.6	9.7	9.7	11.3	13.0	7.1	8.2
Reentrants	24.3	26.0	16.0	18.9	32.0	34.6	29.6	27.6	23.5	24.9	27.7	31.2
New entrants	9.1	9.9	2.7	2.4	4.2	4.2	30.3	34.9	8.1	9.5	13.5	11.8
UNEMPLOYMENT RATE												
Total unemployment rate	8.8	8.3	7.3	6.9	8.1	7.5	21.5	20.6	8.1	7.6	14.1	13.4
Job loser rate ¹	4.9	4.3	5.3	4.6	4.0	3.4	6.6	5.7	4.7	4.0	7.4	6.6
Job leaver rate ¹	.9	1.0	.6	.7	1.1	1.2	2.1	2.0	.9	1.0	1.0	1.1
Reentrant rate ¹	2.1	2.2	1.2	1.3	2.6	2.6	6.4	5.7	1.9	1.9	3.9	4.2
New entrant rate ¹	.8	.8	.2	.2	.3	.3	6.5	7.2	.7	.7	1.9	1.6

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

A-14. Unemployed persons by reason for unemployment, duration, sex, and age

[Percent distribution]

Reason, sex, and age	January 1977						
	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	7,848	100.0	40.3	30.9	28.8	13.8	15.0
Job losers	4,073	100.0	33.4	34.3	32.3	13.7	18.6
On layoff	1,247	100.0	46.5	37.2	16.3	9.0	7.3
Other job losers	2,825	100.0	27.6	33.1	39.3	15.8	23.5
Job leavers	953	100.0	41.7	30.1	28.2	15.1	13.1
Reentrants	2,043	100.0	52.6	25.0	22.3	12.7	9.6
New entrants	779	100.0	42.6	29.4	28.0	15.1	12.9
Males, 20 years and over	3,544	100.0	33.6	32.1	34.2	14.3	19.9
Job losers	2,409	100.0	29.9	35.0	35.1	13.9	21.2
On layoff	748	100.0	42.5	38.3	19.1	9.9	9.2
Other job losers	1,661	100.0	24.2	33.5	42.3	15.7	26.6
Job leavers	380	100.0	42.7	26.4	30.8	15.3	15.6
Reentrants	671	100.0	41.9	26.4	31.8	15.9	15.9
New entrants	84	100.0	32.9	23.5	43.5	8.2	35.3
Females, 20 years and over	2,623	100.0	42.9	30.3	26.7	13.3	13.4
Job losers	1,196	100.0	33.4	33.9	32.7	14.8	17.9
On layoff	360	100.0	46.7	38.1	15.2	9.4	5.8
Other job losers	836	100.0	27.7	32.1	40.3	17.2	23.1
Job leavers	410	100.0	35.5	32.6	31.8	16.5	15.3
Reentrants	908	100.0	58.7	24.0	17.3	10.4	6.9
New entrants	109	100.0	44.0	34.9	21.1	9.2	11.9
Both sexes, 16 to 19 years	1,680	100.0	50.2	29.1	20.7	13.4	7.3
Job losers	467	100.0	51.0	32.1	17.0	10.1	6.9
On layoff	139	100.0	67.6	28.8	3.6	2.9	.7
Other job losers	328	100.0	43.7	33.5	22.6	13.1	9.5
Job leavers	163	100.0	54.6	32.5	12.8	11.0	1.8
Reentrants	464	100.0	56.5	24.8	18.7	12.7	6.0
New entrants	586	100.0	43.5	29.2	27.3	17.4	9.9

A-15. Unemployed jobseekers by the jobsearch methods used, sex, age, and race

Sex, age, and race	January 1977								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	7,848	6,477	29.3	6.7	70.8	30.1	14.8	7.6	1.59
16 to 19 years	1,680	1,513	16.7	3.8	78.8	24.2	11.6	5.9	1.41
20 to 24 years	1,808	1,554	34.0	7.7	71.0	31.6	15.8	6.4	1.67
25 to 34 years	1,897	1,532	34.1	8.2	70.5	33.4	16.1	7.0	1.69
35 to 44 years	904	690	35.1	7.7	62.0	30.6	14.6	10.1	1.60
45 to 54 years	880	657	30.6	7.5	65.1	33.3	15.7	10.4	1.63
55 to 64 years	511	389	32.6	6.7	65.6	31.1	17.2	11.3	1.65
65 years and over	167	142	16.2	3.5	69.7	22.5	12.7	11.3	1.36
Males, 16 years and over	4,428	3,512	32.5	7.1	72.3	26.0	16.1	10.3	1.64
16 to 19 years	884	780	19.2	3.3	80.9	18.8	11.8	6.0	1.40
20 to 24 years	1,036	847	38.8	6.4	72.4	28.5	18.1	8.3	1.73
25 to 34 years	1,091	845	38.0	10.8	73.0	30.7	17.8	8.6	1.79
35 to 44 years	492	334	38.9	9.6	62.6	25.1	14.4	17.4	1.68
45 to 54 years	506	366	33.3	8.5	65.3	27.6	19.7	16.4	1.71
55 to 64 years	295	233	31.3	4.7	64.8	29.2	15.9	16.7	1.63
65 years and over	124	108	16.7	2.8	74.1	12.0	13.0	13.0	1.32
Females, 16 years and over	3,420	2,965	25.4	6.3	69.0	35.1	13.1	4.5	1.53
16 to 19 years	796	733	13.9	4.2	76.5	29.9	11.5	5.9	1.42
20 to 24 years	773	708	28.1	9.3	69.4	35.3	12.9	4.1	1.59
25 to 34 years	805	687	29.3	4.9	69.4	36.7	14.0	4.9	1.59
35 to 44 years	412	355	31.5	5.9	61.7	36.1	14.9	3.4	1.54
45 to 54 years	374	291	27.1	6.5	64.9	40.9	10.7	2.7	1.53
55 to 64 years	216	157	34.4	9.6	66.2	33.8	18.5	2.5	1.65
65 years and over	44	35	(1)	(1)	(1)	(1)	(1)	(1)	(1)
White	6,389	5,164	27.3	7.2	71.6	31.1	14.6	7.9	1.60
Males	3,649	2,821	30.0	7.6	73.1	27.3	16.4	10.6	1.65
Females	2,740	2,343	24.2	6.7	69.8	35.6	12.4	4.6	1.53
Black and other	1,458	1,313	36.9	5.0	67.6	26.4	15.5	6.5	1.58
Males	778	691	43.1	5.1	69.0	20.3	15.2	9.0	1.62
Females	680	622	29.9	5.0	65.9	33.1	15.9	3.9	1.54

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

waiting to begin a new wage and salary job within 30 days are not actually seeking jobs. It should also be noted that the percent using each method will always total more than 100 because many jobseekers use more than one method.

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or

because many jobseekers use more than one method.

A-16. Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment

Sex and reason	January 1977								
	Thousands of persons		Methods used as a percent of total jobseekers						Average number of methods used
	Total unemployed	Total job-seekers	Public employment agency	Private employment agency	Employer directly	Placed or answered ads	Friends or relatives	Other	
Total, 16 years and over	7,848	6,477	29.3	6.7	70.8	30.1	14.8	7.6	1.59
Job losers	4,073	2,816	37.5	7.1	70.0	29.5	16.0	9.0	1.69
Job leavers	953	950	28.8	7.3	74.1	33.5	13.8	5.3	1.63
Reentrants	2,043	1,939	22.4	7.4	68.5	30.7	13.2	7.8	1.50
New entrants	779	772	17.1	3.2	75.1	26.7	15.3	4.9	1.42
Males, 16 years and over	4,428	3,512	32.5	7.1	72.3	26.0	16.1	10.3	1.64
Job losers	2,696	1,840	38.5	7.4	70.4	26.3	16.3	11.6	1.71
Job leavers	461	449	31.4	6.9	74.4	32.1	16.7	6.7	1.68
Reentrants	917	868	25.5	7.8	71.3	24.4	15.3	11.9	1.56
New entrants	354	355	20.8	3.4	82.0	20.6	16.6	4.2	1.48
Females, 16 years and over	3,420	2,965	25.4	6.3	69.0	35.1	13.1	4.5	1.53
Job losers	1,376	976	35.6	6.4	69.3	35.8	15.5	4.1	1.67
Job leavers	492	501	26.5	7.6	73.9	34.7	11.2	4.0	1.58
Reentrants	1,127	1,071	20.0	7.0	66.4	35.9	11.3	4.6	1.45
New entrants	425	417	13.9	3.1	69.3	31.7	14.4	5.8	1.38

NOTE: See note, table A-15.

HOUSEHOLD DATA

A-17. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household heads			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
Total	8,174	7,848	100.0	100.0	3,330	3,122	100.0	100.0
Less than 5 weeks	3,017	3,163	36.9	40.3	1,000	1,054	30.0	33.8
5 to 14 weeks	2,403	2,425	29.4	30.9	1,045	1,030	31.4	33.0
5 to 10 weeks	1,680	1,759	20.6	22.4	746	741	22.4	23.7
11 to 14 weeks	723	666	8.8	8.5	299	289	9.0	9.3
15 weeks and over	2,754	2,260	33.7	28.8	1,286	1,037	38.6	33.2
15 to 26 weeks	1,221	1,081	14.9	13.8	481	420	14.4	13.5
27 weeks and over	1,532	1,180	18.7	15.0	805	617	24.2	19.8
27 to 51 weeks	819	586	10.0	7.5	408	293	12.3	9.4
52 weeks and over	714	594	8.7	7.6	397	324	11.9	10.4
Average (mean) duration	15.8	14.5	--	--	18.8	17.3	--	--

A-18. Unemployed persons by duration, sex, age, race, and marital status

Sex, age, race, and marital status	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
	January 1977						Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
Total, 16 years and over	7,848	3,163	2,425	1,081	1,180	14.5	36.9	40.3	33.7	28.8
16 to 21 years	2,455	1,234	707	305	209	10.4	45.8	50.3	24.9	21.0
16 to 19 years	1,680	844	489	225	121	9.9	49.2	50.2	22.0	20.6
20 to 24 years	1,808	781	563	221	244	13.2	40.4	43.2	30.7	25.7
25 to 34 years	1,897	672	643	285	297	14.9	32.4	35.4	36.8	30.7
35 to 44 years	904	346	301	112	145	15.9	31.8	38.3	38.2	28.4
45 to 54 years	880	307	245	145	184	18.6	30.8	34.8	40.9	37.3
55 to 64 years	511	160	155	63	134	19.4	23.8	31.2	46.8	38.5
65 years and over	167	53	29	30	55	24.0	27.7	31.6	43.2	50.9
Males, 16 years and over	4,428	1,646	1,383	623	777	15.9	31.5	37.2	35.7	31.6
16 to 21 years	1,315	643	369	169	135	11.4	40.2	48.9	27.9	23.1
16 to 19 years	884	453	243	116	71	10.3	45.3	51.3	23.2	21.2
20 to 24 years	1,036	390	333	141	172	14.9	33.3	37.7	34.7	30.2
25 to 34 years	1,091	362	385	155	190	16.0	27.0	33.1	37.4	31.6
35 to 44 years	492	175	160	72	85	17.2	24.6	35.6	41.0	31.9
45 to 54 years	506	146	142	82	136	21.5	24.0	28.9	44.0	43.1
55 to 64 years	295	81	98	30	85	20.5	22.6	27.6	46.5	39.1
65 years and over	124	37	21	27	39	24.3	27.5	30.0	43.9	52.8
Females, 16 years and over	3,420	1,517	1,042	458	403	12.6	44.2	44.4	31.0	25.2
16 to 21 years	1,140	591	338	136	75	9.4	53.5	51.9	20.6	18.5
16 to 19 years	796	391	246	109	51	9.5	54.5	49.1	20.5	20.1
20 to 24 years	773	391	230	80	72	10.9	50.0	50.5	25.3	19.7
25 to 34 years	805	310	258	130	107	13.5	39.5	38.5	36.0	29.5
35 to 44 years	412	171	141	40	59	14.5	40.9	41.6	34.7	24.1
45 to 54 years	374	160	103	62	48	14.6	40.1	42.9	36.8	29.6
55 to 64 years	216	78	56	33	48	17.8	25.4	36.2	47.2	37.7
65 years and over	44	16	8	3	17	23.4	(1)	(1)	(1)	(1)
White	6,389	2,673	1,924	855	938	13.9	37.3	41.8	33.1	28.1
Males	3,649	1,421	1,133	473	623	15.2	32.1	38.9	35.1	30.0
Females	2,740	1,252	791	382	315	12.0	44.6	45.7	30.4	25.4
Black and other	1,458	490	501	226	242	17.1	34.9	33.6	36.3	32.1
Males	778	225	250	150	154	18.9	28.5	28.9	28.7	39.0
Females	680	265	251	76	88	15.0	42.6	38.9	33.4	24.1
Males:										
Married, spouse present	1,971	664	641	278	387	17.0	27.5	33.7	38.1	33.8
Widowed, divorced, or separated	460	139	159	68	94	19.0	19.4	30.1	50.2	35.3
Single (never married)	1,997	843	582	276	296	14.1	37.9	42.2	30.4	28.6
Females:										
Married, spouse present	1,574	696	462	217	199	12.7	42.5	44.2	31.8	26.4
Widowed, divorced, or separated	626	223	222	72	108	16.5	39.0	35.7	35.5	28.8
Single (never married)	1,220	598	358	169	96	10.6	50.2	49.0	27.0	21.7

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

A-19. Unemployed persons by duration, occupation, and industry of last job

Occupation and industry	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
	January 1977									
OCCUPATION										
White-collar workers	2,275	904	650	342	378	15.6	40.1	39.8	34.0	31.7
Professional and managerial	781	278	212	122	168	18.4	30.3	35.6	41.2	37.1
Sales workers	398	178	119	51	51	12.6	48.9	44.8	24.9	25.4
Clerical workers	1,095	448	319	169	160	14.7	43.1	40.9	32.8	30.0
Blue-collar workers	3,449	1,299	1,165	450	535	14.9	31.4	37.7	36.6	28.6
Craft and kindred workers	981	368	344	118	150	14.2	30.5	37.6	33.3	27.3
Operatives, except transport	1,315	511	416	172	216	15.4	30.6	38.8	40.7	29.5
Transport equipment operatives	336	122	119	39	55	15.9	35.0	36.4	34.5	28.2
Nonfarm laborers	817	298	286	120	114	14.6	32.3	36.4	34.6	28.6
Service workers	1,192	557	334	150	152	12.7	41.4	46.7	29.4	25.3
INDUSTRY¹										
Agriculture	217	93	74	28	22	11.6	34.8	42.7	26.7	23.2
Construction	954	384	341	91	139	13.9	32.9	40.3	30.3	24.0
Manufacturing	1,778	624	558	274	321	16.5	29.2	35.1	42.4	33.5
Durable goods	991	314	317	157	202	17.9	25.8	31.7	47.5	36.3
Non-durable goods	787	310	241	116	119	14.6	34.1	39.4	34.8	29.9
Transportation and public utilities	309	111	110	45	43	14.3	32.7	36.0	41.4	28.5
Wholesale and retail trade	1,725	804	478	218	225	13.0	43.9	46.6	28.5	25.7
Finance and service industries	1,690	650	512	250	280	15.6	38.5	38.5	32.4	31.2
Public administration	188	69	61	31	27	14.8	30.6	36.5	43.4	30.9
No previous work experience	785	338	229	118	101	12.7	47.6	43.1	26.2	27.8

¹ Includes wage and salary workers only.

A-20. Employed persons by sex and age

[In thousands]

Age and type of industry	Total		Males		Females	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
	All industries	84,491	86,856	50,474	51,618	34,017	35,238
16 to 19 years	6,353	6,477	3,338	3,444	3,015	3,033
16 to 17 years	2,496	2,461	1,325	1,313	1,172	1,148
18 to 19 years	3,856	4,016	2,014	2,131	1,843	1,884
20 to 24 years	11,513	12,175	6,238	6,668	5,275	5,506
25 to 54 years	53,253	54,800	32,625	33,203	20,627	21,597
25 to 34 years	21,161	22,212	13,027	13,511	8,134	8,701
35 to 44 years	15,990	16,541	9,749	9,971	6,241	6,570
45 to 54 years	16,102	16,047	9,849	9,721	6,252	6,326
55 to 64 years	10,696	10,802	6,617	6,667	4,079	4,136
55 to 59 years	6,519	6,672	4,007	4,091	2,512	2,582
60 to 64 years	4,177	4,130	2,610	2,576	1,567	1,554
65 years and over	2,676	2,601	1,655	1,635	1,021	966
Nonagricultural industries	81,638	84,184	48,077	49,375	33,561	34,809
16 to 19 years	6,071	6,229	3,104	3,231	2,967	2,998
16 to 17 years	2,362	2,339	1,207	1,210	1,156	1,129
18 to 19 years	3,709	3,890	1,898	2,021	1,811	1,869
20 to 24 years	11,236	11,911	6,010	6,437	5,226	5,474
25 to 54 years	51,764	53,438	31,402	32,098	20,362	21,340
25 to 34 years	20,663	21,750	12,621	13,136	8,042	8,614
35 to 44 years	15,558	16,136	9,403	9,650	6,155	6,486
45 to 54 years	15,543	15,552	9,378	9,312	6,165	6,240
55 to 64 years	10,179	10,311	6,168	6,250	4,010	4,061
55 to 59 years	6,246	6,399	3,776	3,866	2,470	2,533
60 to 64 years	3,933	3,912	2,392	2,384	1,540	1,528
65 years and over	2,389	2,294	1,393	1,358	996	936
Agriculture	2,853	2,672	2,397	2,243	456	429
16 to 19 years	282	248	234	213	48	35
16 to 17 years	134	122	118	103	16	19
18 to 19 years	148	125	116	110	32	16
20 to 24 years	278	263	228	231	49	32
25 to 54 years	1,489	1,362	1,223	1,106	265	256
25 to 34 years	498	462	406	375	92	87
35 to 44 years	432	405	346	322	85	83
45 to 54 years	559	495	471	409	88	86
55 to 64 years	517	491	448	416	69	75
55 to 59 years	273	274	231	224	43	49
60 to 64 years	244	218	218	192	27	26
65 years and over	287	307	263	277	24	30

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A-21. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Males, 20 years and over		Females, 20 years and over		Males, 16-19 years		Females, 16-19 years	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
TOTAL	84,491	86,856	47,136	48,174	31,002	32,205	3,338	3,444	3,015	3,033
White-collar workers	42,844	44,527	20,557	21,164	20,109	21,189	604	634	1,575	1,540
Professional and technical	13,284	13,578	7,679	7,676	5,432	5,762	77	77	96	63
Health workers	2,237	2,344	800	809	1,422	1,526	5	2	11	8
Teachers, except college	3,264	3,233	958	967	2,271	2,237	9	8	25	21
Other professional and technical	7,784	8,001	5,922	5,900	1,739	1,999	64	67	60	34
Managers and administrators, except farm	8,990	9,546	7,152	7,418	1,751	2,059	51	44	35	26
Salaried workers	7,247	7,800	5,757	6,049	1,416	1,689	42	37	31	25
Self-employed workers in retail trade	905	910	671	646	229	259	4	4	2	--
Self-employed workers, except retail trade	838	837	725	723	106	111	5	3	2	1
Sales workers	5,161	5,509	2,736	2,938	1,831	2,004	234	255	360	311
Retail trade	2,866	3,026	894	959	1,445	1,591	186	183	341	293
Other industries	2,295	2,483	1,842	1,979	385	413	49	73	19	19
Clerical workers	15,409	15,894	2,990	3,131	11,095	11,364	241	259	1,083	1,139
Stenographers, typists, and secretaries	4,457	4,456	75	78	4,051	4,068	5	4	327	306
Other clerical workers	10,951	11,438	2,915	3,053	7,044	7,296	237	255	757	833
Blue-collar workers	27,478	28,376	20,862	21,496	4,607	4,698	1,706	1,832	303	350
Craft and kindred workers	10,860	11,254	10,003	10,306	518	519	301	400	39	29
Carpenters	927	984	878	917	4	10	43	56	2	--
Construction craft, except carpenters	2,076	2,103	2,006	2,025	9	8	58	66	3	4
Mechanics and repairers	2,975	3,070	2,830	2,869	22	37	122	160	2	3
Metal craft	1,245	1,256	1,186	1,185	37	34	22	37	--	1
Blue-collar worker supervisors, not elsewhere classified	1,333	1,515	1,202	1,366	121	139	4	8	7	3
All other	2,305	2,326	1,902	1,944	324	291	53	73	26	18
Operatives, except transport	9,798	10,010	5,472	5,543	3,622	3,679	512	557	191	231
Durable goods manufacturing	4,293c	4,446	2,802c	2,835	1,303c	1,385	126c	163	63	63
Nondurable goods manufacturing	3,203	3,288	1,247	1,321	1,794	1,752	70	96	93	119
Other industries	2,302c	2,276	1,423c	1,387	525c	542	316c	298	35	49
Transport equipment operatives	3,133	3,321	2,751	2,952	203	206	164	146	15	16
Drivers, motor vehicles	2,692	2,794	2,345	2,468	192	187	141	125	14	15
All other	441	526	406	484	11	19	23	21	1	2
Nonfarm laborers	3,687	3,792	2,636	2,695	264	294	729	728	59	75
Construction	542	560	453	470	4	5	83	82	2	3
Manufacturing	988	970	792	761	113	102	77	107	7	--
Other industries	2,157	2,262	1,391	1,464	146	187	569	539	50	72
Service workers	11,725	11,685	3,810	3,730	5,987	6,041	823	792	1,104	1,122
Private household workers	1,056	1,141	27	22	797	852	12	24	219	243
Service workers, except private household	10,669	10,544	3,784	3,708	5,190	5,189	811	768	885	879
Food service workers	3,676	3,736	694	727	1,943	1,948	465	477	574	583
Protective service workers	1,306	1,284	1,206	1,154	75	106	23	19	3	4
All other	5,687	5,524	1,883	1,827	3,172	3,135	323	272	308	292
Farm workers	2,444	2,267	1,907	1,783	300	278	206	185	32	21
Farmers and farm managers	1,444	1,319	1,339	1,239	92	75	13	6	--	--
Farm laborers and supervisors	1,001	947	568	544	208	203	193	179	32	21
Paid workers	791	729	541	505	92	82	135	126	24	16
Unpaid family workers	209	218	27	39	116	121	58	53	8	5

c = corrected.

A-22. Employed persons by occupation, sex, and race

[Percent distribution]

Occupation and race	Total		Males		Females	
	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977	Jan. 1976	Jan. 1977
TOTAL						
Total employed (thousands)	84,492	86,856	50,474	51,618	34,018	35,238
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	50.7	51.3	41.9	42.2	63.7	64.5
Professional and technical	15.7	15.6	15.4	15.0	16.3	16.5
Managers and administrators, except farm	10.6	11.0	14.3	14.5	5.3	5.9
Sales workers	6.1	6.3	5.9	6.2	6.4	6.6
Clerical workers	18.2	18.3	6.4	6.6	35.8	35.5
Blue-collar workers	32.5	32.7	44.7	45.2	14.4	14.3
Craft and kindred workers	12.9	13.0	20.4	20.7	1.6	1.6
Operatives, except transport	11.6	11.5	11.9	11.8	11.2	11.1
Transport equipment operatives	3.7	3.8	5.8	6.0	.6	.6
Nonfarm laborers	4.4	4.4	6.7	6.6	.9	1.0
Service workers	13.9	13.5	9.2	8.8	20.8	20.3
Private household workers	1.2	1.3	.1	.1	3.0	3.1
Other service workers	12.6	12.1	9.1	8.7	17.9	17.2
Farm workers	2.9	2.6	4.2	3.8	1.0	.8
Farmers and farm managers	1.7	1.5	2.7	2.4	.3	.2
Farm laborers and supervisors	1.2	1.1	1.5	1.4	.7	.6
White						
Total employed (thousands)	75,439	77,450	45,635	46,552	29,803	30,898
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	52.5	53.1	43.6	43.9	66.2	67.0
Professional and technical	16.1	16.0	15.9	15.5	16.5	16.7
Managers and administrators, except farm	11.4	11.7	15.2	15.3	5.6	6.3
Sales workers	6.5	6.8	6.3	6.6	6.9	7.2
Clerical workers	18.4	18.5	6.2	6.4	37.2	36.8
Blue-collar workers	32.1	32.2	43.9	44.3	14.1	13.8
Craft and kindred workers	13.4	13.4	21.0	21.3	1.7	1.6
Operatives, except transport	11.2	11.1	11.5	11.5	10.7	10.4
Transport equipment operatives	3.6	3.7	5.5	5.7	.7	.7
Nonfarm laborers	3.9	4.0	5.9	5.9	.9	1.1
Service workers	12.4	12.0	8.3	7.9	18.7	18.3
Private household workers	.8	.9	.1	.1	2.0	2.2
Other service workers	11.6	11.1	8.2	7.8	16.7	16.0
Farm workers	3.0	2.7	4.3	3.9	1.0	.9
Farmers and farm managers	1.9	1.7	2.9	2.6	.3	.2
Farm laborers and supervisors	1.1	1.1	1.4	1.3	.7	.7
Black and other						
Total employed (thousands)	9,052	9,406	4,839	5,066	4,212	4,340
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	35.7	36.1	26.5	27.2	46.4	46.5
Professional and technical	12.2	12.4	10.3	10.2	14.4	15.0
Managers and administrators, except farm	4.5	5.0	6.0	6.6	2.8	3.2
Sales workers	2.6	2.4	2.1	2.5	3.1	2.1
Clerical workers	16.5	16.4	8.2	8.0	26.0	26.2
Blue-collar workers	35.9	36.9	52.2	53.1	17.1	17.9
Craft and kindred workers	8.4	8.9	14.7	15.7	1.1	1.1
Operatives, except transport	14.8	15.4	15.1	15.1	14.6	15.8
Transport equipment operatives	4.6	4.9	8.2	8.8	.4	.2
Nonfarm laborers	8.1	7.6	14.2	13.5	1.1	.8
Service workers	26.2	25.4	17.8	17.0	35.8	35.1
Private household workers	4.6	4.4	.2	.3	9.7	9.2
Other service workers	21.6	21.0	17.6	16.7	26.1	25.9
Farm workers	2.2	1.6	3.4	2.6	.7	.4
Farmers and farm managers	.4	.4	.7	.7	(1)	--
Farm laborers and supervisors	1.7	1.2	2.7	1.9	.6	.4

¹ Less than 0.05 percent.

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A-23. Employed persons by class of worker, age, and sex

[In thousands]

Age and sex	January 1977								
	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, 16 years and over	78,093	1,299	15,223	61,571	5,695	397	1,033	1,405	233
16 to 19 years	6,114	321	463	5,331	92	23	176	10	61
16 to 17 years	2,280	238	125	1,917	47	12	90	5	27
18 to 19 years	3,834	83	338	3,414	45	11	86	5	35
20 to 24 years	11,614	89	1,680	9,845	283	15	180	65	19
25 to 34 years	20,471	147	4,294	16,030	1,214	65	219	217	26
35 to 44 years	14,770	126	3,279	11,365	1,255	111	136	231	38
45 to 54 years	14,143	192	3,181	10,770	1,312	96	144	310	41
55 to 64 years	9,162	264	2,019	6,878	1,085	64	127	336	29
55 to 59 years	5,734	122	1,283	4,328	629	36	75	178	21
60 to 64 years	3,428	142	737	2,550	455	29	52	158	8
65 years and over	1,818	160	306	1,352	454	22	51	237	19
Males, 16 years and over	45,151	164	7,750	37,237	4,186	38	838	1,309	96
16 to 19 years	3,157	72	205	2,880	64	10	146	10	57
16 to 17 years	1,172	64	60	1,048	30	8	77	5	21
18 to 19 years	1,985	9	145	1,832	35	1	69	5	35
20 to 24 years	6,233	16	686	5,530	197	7	155	62	15
25 to 34 years	12,282	15	2,217	10,050	852	3	173	197	5
35 to 44 years	8,710	3	1,695	7,013	937	3	106	213	2
45 to 54 years	8,315	14	1,648	6,653	996	1	110	295	4
55 to 64 years	5,436	26	1,134	4,276	805	10	105	309	2
55 to 59 years	3,397	7	695	2,695	466	3	57	166	2
60 to 64 years	2,038	19	439	1,581	339	6	48	143	1
65 years and over	1,018	18	166	835	335	5	44	223	10
Females, 16 years and over	32,942	1,135	7,473	24,334	1,509	359	195	97	137
16 to 19 years	2,957	249	258	2,451	27	14	30	--	5
16 to 17 years	1,108	174	65	869	17	4	14	--	5
18 to 19 years	1,849	74	193	1,582	10	10	16	--	--
20 to 24 years	5,381	73	994	4,315	85	7	25	3	4
25 to 34 years	8,189	131	2,077	5,980	363	62	47	20	20
35 to 44 years	6,060	123	1,585	4,352	319	108	30	18	36
45 to 54 years	5,828	178	1,533	4,117	316	95	34	15	37
55 to 64 years	3,726	238	886	2,602	280	55	22	27	26
55 to 59 years	2,336	115	588	1,633	164	32	18	12	19
60 to 64 years	1,390	123	298	969	116	22	4	15	7
65 years and over	800	143	140	517	119	18	8	14	9

A-24. Employed persons by industry and occupation

[In thousands]

Industry	January 1977											
	Total employed	White-collar workers				Blue-collar workers				Service workers		Farm workers
		Professional and technical workers	Managers and administrators, except farm	Sales workers	Clerical workers	Craft and kindred workers	Operatives, except transport	Transport equipment operatives	Nonfarm laborers	Private household workers	Other service workers	
Agriculture	2,672	53	27	10	84	56	22	21	129	--	4	2,267
Mining	776	73	67	7	83	218	266	31	22	--	8	--
Construction	4,808	171	600	8	386	2,674	188	192	560	--	29	--
Manufacturing	20,066	2,032	1,367	380	2,408	4,060	7,734	755	970	--	359	--
Durable goods	12,016	1,382	800	107	1,360	2,750	4,446	344	618	--	209	--
Nondurable goods	8,049	650	566	273	1,048	1,310	3,288	411	352	--	150	--
Transportation and public utilities	5,797	431	551	39	1,353	1,235	151	1,393	486	--	159	--
Wholesale and retail trade	17,985	313	3,534	3,882	3,157	1,408	981	680	1,058	--	2,971	--
Wholesale trade	3,529	93	742	857	761	293	169	331	248	--	35	--
Retail trade	14,456	220	2,792	3,026	2,396	1,114	812	349	810	--	2,936	--
Finance, insurance, and real estate	4,835	259	924	1,040	2,173	105	5	6	42	--	280	--
Services	25,146	9,360	1,831	140	4,508	1,232	613	186	395	1,141	5,740	--
Private households	1,336	12	2	--	11	3	1	3	111	1,141	52	--
Other service industries	23,810	9,348	1,829	140	4,497	1,229	612	183	284	--	5,688	--
Public administration	4,771	886	646	4	1,740	266	48	57	130	--	995	--

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A-25. Employed persons with a job but not at work by reason, pay status, and sex

[In thousands]

Reason not working	All industries		Nonagricultural industries					
			Total		Wage and salary workers ¹			
	Jan. 1976				Jan. 1977		Paid absences ²		Unpaid absences^{2}
			Jan. 1976	Jan. 1977			Jan. 1976	Jan. 1977
Total	3,455	4,667	3,239	4,365	1,137	1,418	1,595	2,248
Vacation	869	984	816	945	474	539	248	327
Illness	1,442	1,515	1,384	1,462	537	553	711	768
Bad weather	212	1,248	180	1,099	--	--	--	--
Industrial dispute	48	52	48	52	--	--	--	--
All other reasons	883	869	811	807	127	326	637	1,154
Males	2,030	2,821	1,833	2,546	716	855	794	1,221
Vacation	526	584	479	557	299	345	127	161
Illness	815	867	763	819	335	347	350	405
All other reasons ³	688	1,370	590	1,170	82	162	318	654
Females	1,425	1,846	1,405	1,819	420	563	802	1,028
Vacation	343	399	336	388	175	194	121	165
Illness	627	648	621	644	202	206	361	363
All other reasons ³	455	799	447	787	44	164	319	500

¹ Excludes private household.

³ Includes bad weather and industrial dispute, not shown separately.

² Pay status not available separately for bad weather and industrial dispute; these categories are included in all other reasons.

A-26. Persons at work by type of industry and hours of work

Hours of work	January 1977					
	Thousands of persons			Percent distribution		
	All industries	Nonagricultural industries	Agriculture	All industries	Nonagricultural industries	Agriculture
Total at work	82,189	79,819	2,370	100.0	100.0	100.0
1-34 hours	23,028	22,088	941	28.0	27.7	39.7
1-4 hours	962	901	61	1.2	1.1	2.6
5-14 hours	4,382	4,146	236	5.3	5.2	10.0
15-29 hours	10,894	10,416	478	13.3	13.0	20.2
30-34 hours	6,790	6,625	166	8.3	8.3	7.0
35 hours and over	59,161	57,732	1,431	72.0	72.3	60.4
35-39 hours	5,753	5,605	148	7.0	7.0	6.2
40 hours	33,057	32,705	353	40.2	41.0	14.9
41 hours and over	20,351	19,422	930	24.8	24.3	39.2
41 to 48 hours	8,275	8,078	197	10.1	10.1	8.3
49 to 59 hours	6,967	6,662	306	8.5	8.3	12.9
60 hours and over	5,109	4,682	427	6.2	5.9	18.0
Average hours, total at work	37.8	37.7	39.0	--	--	--
Average hours, workers on full-time schedules	42.0	41.9	45.9	--	--	--

HOUSEHOLD DATA

A-27. Persons at work 1 - 34 hours by usual status and reason for working less than 35 hours

[Numbers in thousands]

Reason for working less than 35 hours	January 1977					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	23,027	9,447	13,580	22,087	8,966	13,121
Economic reasons	3,327	1,383	1,944	3,159	1,260	1,899
Slack work	1,693	1,098	595	1,541	982	559
Material shortages or repairs to plant and equipment	65	65	--	62	62	--
New job started during week	139	139	--	136	136	--
Job terminated during week	81	81	--	79	79	--
Could find only part-time work	1,350	--	1,350	1,340	--	1,340
Other reasons	19,700	8,064	11,636	18,928	7,706	11,223
Does not want, or unavailable for, full-time work	9,464	--	9,464	9,161	--	9,161
Vacation	482	482	--	475	475	--
Illness	1,907	1,743	164	1,851	1,707	144
Bad weather	4,232	4,232	--	3,964	3,964	--
Industrial dispute	24	24	--	22	22	--
Legal or religious holiday	255	255	--	253	253	--
Full time for this job	1,425	--	1,425	1,405	--	1,405
All other reasons	1,912	1,328	584	1,799	1,285	514
Average hours:						
Economic reasons	20.7	23.4	18.7	20.7	23.6	18.7
Other reasons	21.2	25.8	18.0	21.3	26.0	18.0
Worked 30 to 34 hours:						
Economic reasons	897	523	374	854	491	363
Other reasons	5,893	4,044	1,849	5,771	3,972	1,799

A-28. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	January 1977								
	Total at work	Full- or part-time status						Average hours, total at work	Average hours, workers on full-time schedules
		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		
Total¹	79,819	3,159	11,223	65,437	46,015	8,078	11,344	37.7	41.9
Wage and salary workers	74,333	2,840	10,204	61,289	44,245	7,612	9,432	37.5	41.4
Construction	3,533	214	164	3,155	2,435	282	438	37.1	39.2
Manufacturing	18,889	561	636	17,692	13,064	2,506	2,122	39.7	40.9
Durable goods	11,272	220	233	10,819	8,024	1,521	1,274	40.2	40.9
Nondurable goods	7,617	341	403	6,873	5,041	984	848	39.1	41.0
Transportation and public utilities	5,250	139	326	4,785	3,463	519	803	40.4	42.5
Wholesale and retail trade	15,466	853	3,750	10,863	6,831	1,794	2,238	36.0	43.0
Finance, insurance, and real estate	4,395	83	415	3,897	2,866	440	591	39.0	41.5
Service industries	21,489	930	1,207	19,352	15,251	1,568	2,533	34.8	40.9
Private households	1,205	175	628	402	280	37	85	22.2	42.4
All other industries	20,284	755	579	18,950	14,971	1,531	2,448	35.5	40.9
Public administration	4,588	45	221	4,322	3,404	399	519	39.9	41.2
Self-employed workers	5,090	309	860	3,921	1,689	435	1,797	40.8	48.0
Unpaid family workers	397	9	160	228	81	31	116	38.2	50.6

¹Includes mining not shown separately.

HOUSEHOLD DATA

A-29. Persons at work in nonagricultural industries by full- or part-time status, sex, age, race, and marital status

[Numbers in thousands]

Sex, age, race, and marital status	January 1977							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 hours or more			
TOTAL									
Both sexes, 16 years and over	79,819	3,159	11,223	65,437	46,015	19,422	37.7	41.9	
16 to 21 years	10,428	707	4,076	5,645	4,484	1,161	29.2	39.8	
16 to 19 years	6,019	412	3,191	2,416	1,955	461	25.5	39.5	
16 to 17 years	2,272	79	1,928	265	215	50	17.5	38.1	
18 to 19 years	3,747	333	1,263	2,151	1,740	411	30.4	39.6	
20 years and over	73,800	2,747	8,032	63,021	44,060	18,961	38.7	42.0	
20 to 24 years	11,364	681	1,580	9,103	6,856	2,247	36.4	40.6	
25 years and over	62,436	2,066	6,452	53,918	37,204	16,714	39.1	42.2	
25 to 44 years	36,095	1,213	3,270	31,612	21,576	10,036	39.5	42.2	
45 to 64 years	24,296	752	2,276	21,268	14,901	6,367	39.3	42.1	
65 years and over	2,044	101	906	1,037	726	311	29.2	42.4	
Males, 16 years and over	46,829	1,414	3,479	41,936	26,429	15,507	40.8	43.4	
16 to 21 years	5,426	346	1,964	3,116	2,262	854	30.9	41.0	
16 to 19 years	3,116	195	1,561	1,360	1,032	328	27.3	40.6	
16 to 17 years	1,172	41	948	183	140	43	19.5	38.6	
18 to 19 years	1,944	154	613	1,177	893	284	31.9	40.9	
20 years and over	43,713	1,220	1,918	40,575	25,395	15,180	41.8	43.5	
20 to 24 years	6,153	348	698	5,107	3,395	1,712	38.2	42.1	
25 years and over	37,560	872	1,220	35,468	22,000	13,468	42.4	43.7	
25 to 44 years	21,759	520	422	20,817	12,703	8,114	42.9	43.9	
45 to 64 years	14,604	305	331	13,968	8,827	5,141	42.5	43.6	
65 years and over	1,197	46	467	684	473	211	30.9	42.5	
Females, 16 years and over	32,990	1,744	7,744	23,502	19,587	3,915	33.2	39.1	
16 to 21 years	5,002	361	2,112	2,529	2,223	306	27.4	38.3	
16 to 19 years	2,903	217	1,630	1,056	922	134	23.6	38.0	
16 to 17 years	1,100	39	980	81	74	7	15.5	36.9	
18 to 19 years	1,803	178	650	975	848	127	28.6	38.1	
20 years and over	30,087	1,527	6,114	22,446	18,664	3,782	34.2	39.2	
20 to 24 years	5,212	333	882	3,997	3,461	536	34.3	38.7	
25 years and over	24,875	1,194	5,232	18,449	15,203	3,246	34.2	39.3	
25 to 44 years	14,336	691	2,848	10,797	8,877	1,920	34.3	39.1	
45 to 64 years	9,693	448	1,945	7,300	6,075	1,225	34.5	39.3	
65 years and over	847	55	439	353	254	99	26.9	42.3	
RACE									
White	71,229	2,602	10,304	58,323	40,176	18,147	37.8	42.1	
Males	42,296	1,175	3,135	37,986	23,394	14,592	41.1	43.6	
Females	28,933	1,427	7,169	20,337	16,782	3,555	33.1	39.2	
Black and other	8,590	555	919	7,116	5,841	1,275	36.4	40.0	
Males	4,532	239	345	3,948	3,034	914	38.2	41.0	
Females	4,058	316	575	3,167	2,807	360	34.3	38.7	
MARITAL STATUS									
Males:									
Married, spouse present	34,229	766	997	32,466	19,918	12,548	42.5	43.7	
Widowed, divorced, or separated	3,215	150	148	2,917	1,892	1,025	41.0	43.2	
Single (never married)	9,385	499	2,334	6,552	4,619	1,933	34.5	41.8	
Females:									
Married, spouse present	19,027	959	4,506	13,562	11,396	2,166	33.4	39.0	
Widowed, divorced, or separated	6,061	372	936	4,753	3,841	912	35.3	39.7	
Single (never married)	7,902	411	2,302	5,189	4,353	836	31.3	39.0	

HOUSEHOLD DATA

A-30. Persons at work in nonfarm occupations by full- or part-time status and sex

[Numbers in thousands]

Occupational group and sex	January 1977								
	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		
TOTAL									
White-collar workers	42,581	1,030	5,982	35,569	24,224	4,132	7,213	38.6	42.5
Professional and technical	12,909	245	1,503	11,161	7,498	1,272	2,391	38.9	42.3
Managers and administrators, except farm	9,153	127	418	8,608	4,168	1,316	3,124	45.0	46.6
Sales workers	5,254	235	1,249	3,770	2,331	465	974	36.4	43.5
Clerical workers	15,265	422	2,812	12,031	10,227	1,080	724	35.1	39.4
Blue-collar workers	26,528	1,320	1,790	23,418	16,907	3,227	3,284	38.6	41.1
Craft and kindred workers	10,479	383	342	9,754	6,757	1,455	1,542	40.2	41.7
Operatives, except transport	9,522	518	567	8,437	6,553	1,073	811	37.9	40.0
Transport equipment operatives	3,039	134	265	2,640	1,533	395	712	41.3	44.6
Nonfarm laborers	3,489	286	616	2,587	2,063	305	219	33.6	39.0
Service workers	11,067	835	3,523	6,709	5,039	750	920	31.9	41.3
Private household	1,059	148	562	349	258	29	62	22.1	41.4
Other service workers	10,008	687	2,961	6,360	4,781	721	858	33.0	41.3
Males									
White-collar workers	20,975	296	1,309	19,370	10,806	2,691	5,873	43.0	45.1
Professional and technical	7,438	97	441	6,900	4,175	841	1,884	42.2	44.2
Managers and administrators, except farm	7,165	89	157	6,919	3,057	1,082	2,780	46.6	47.5
Sales workers	3,106	64	385	2,657	1,421	391	845	41.1	45.1
Clerical workers	3,267	46	327	2,894	2,152	377	365	38.7	41.3
Blue-collar workers	21,763	955	1,261	19,547	13,527	2,875	3,145	39.6	41.8
Craft and kindred workers	9,959	364	267	9,328	6,426	1,385	1,517	40.4	41.8
Operatives, except transport	5,834	225	327	5,282	3,759	814	709	39.7	41.6
Transport equipment operatives	2,837	115	157	2,565	1,478	384	703	42.3	44.7
Nonfarm laborers	3,134	248	511	2,375	1,866	292	217	34.1	39.3
Service workers	4,327	185	940	3,202	2,189	412	601	36.4	43.1
Private household	47	--	28	19	15	--	4	21.0	42.2
Other service workers	4,280	185	912	3,183	2,172	413	598	36.6	43.1
Females									
White-collar workers	21,606	733	4,673	16,200	13,419	1,441	1,340	34.2	39.4
Professional and technical	5,471	149	1,062	4,260	3,322	431	507	34.5	39.2
Managers and administrators, except farm	1,988	38	261	1,689	1,111	234	344	39.5	43.0
Sales workers	2,148	171	864	1,113	910	74	129	29.6	39.8
Clerical workers	11,999	376	2,486	9,137	8,074	703	360	34.1	38.7
Blue-collar workers	4,765	365	529	3,871	3,379	352	140	34.5	37.7
Craft and kindred workers	519	17	76	426	331	70	25	36.0	39.3
Operatives, except transport	3,688	292	241	3,155	2,795	258	102	35.2	37.4
Transport equipment operatives	202	18	108	76	56	11	9	26.7	41.1
Nonfarm laborers	355	36	105	214	198	13	3	29.9	36.5
Service workers	6,740	650	2,583	3,507	2,851	338	318	29.1	39.6
Private household	1,013	149	534	330	242	30	58	22.2	41.3
Other service workers	5,727	502	2,049	3,176	2,608	308	260	30.3	39.4

A-31. Employment status of 14-15 year-olds by sex and race

[Numbers in thousands]

Employment status	January 1977								
	Total			White			Black and other		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	8,360	4,254	4,107	7,046	3,594	3,451	1,315	659	655
Civilian labor force	1,202	666	536	1,121	607	514	80	59	21
Employed	1,057	565	492	1,002	523	479	55	42	13
Agriculture	72	55	17	70	53	17	2	2	--
Nonagricultural industries	985	510	475	932	469	462	53	40	13
Unemployed	144	101	43	119	84	35	25	17	9
Unemployment rate	12.0	15.2	8.0	10.6	13.8	6.8	31.3	(1)	(1)
Not in labor force	7,159	3,588	3,571	5,924	2,987	2,937	1,234	600	634
Keeping house	70	15	55	66	16	51	4	--	5
Going to school	6,738	3,394	3,344	5,539	2,809	2,730	1,200	585	614
Unable to work	14	11	3	13	11	2	1	1	1
All other reasons	336	167	169	307	152	155	29	15	14

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

A-32. Employed 14-15 year-olds by sex, class of worker, and occupation

Characteristics	January 1977					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
CLASS OF WORKER						
Total	1,057	565	492	100.0	100.0	100.0
Nonagricultural industries	985	510	475	93.2	90.1	96.6
Wage and salary workers	895	441	454	84.7	78.1	92.3
Private household workers	390	86	304	36.9	15.2	61.7
Government workers	28	17	11	2.6	3.0	2.2
Other wage and salary workers	478	338	140	45.2	59.8	28.4
Self-employed workers	76	58	17	7.2	10.3	3.4
Unpaid family workers	14	10	4	1.3	1.8	.8
Agriculture	72	55	17	6.8	9.9	3.4
Wage and salary workers	34	26	8	3.2	4.6	1.6
Self-employed workers	6	5	2	.6	.9	.4
Unpaid family workers	32	25	7	3.0	4.4	1.4
OCCUPATION						
Total	1,057	565	492	100.0	100.0	100.0
White-collar workers	282	213	69	26.7	37.6	14.1
Professional and technical	6	4	3	.6	.7	.6
Managers and administrators, except farm	3	1	2	.3	.2	.4
Sales workers	229	184	45	21.6	32.5	9.1
Clerical workers	44	24	20	4.2	4.2	4.0
Blue-collar workers	184	170	14	17.5	30.2	3.0
Craft and kindred workers	14	15	--	1.3	2.6	--
Operatives, except transport	33	27	6	3.1	4.8	1.2
Transport equipment operatives	4	4	--	.4	.7	--
Nonfarm laborers	134	125	9	12.7	22.0	1.8
Service workers	524	130	394	49.5	22.9	79.6
Private household workers	337	30	307	31.9	5.3	62.0
Other service workers	187	100	87	17.7	17.6	17.6
Farm workers	67	52	15	6.3	9.3	3.2
Farmers and farm managers	7	6	2	.7	1.1	.4
Farm laborers and supervisors	60	47	14	5.7	8.3	2.8

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-33. Employment status of the noninstitutional population by sex and age, seasonally adjusted

[Numbers in thousands]

Employment status	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
TOTAL													
Total noninstitutional population ¹	154,915	155,106	155,325	155,516	155,711	155,925	156,142	156,367	156,595	156,788	157,006	157,176	157,381
Armed Forces ¹	2,140	2,146	2,147	2,144	2,142	2,137	2,140	2,147	2,145	2,147	2,149	2,146	2,133
Civilian noninstitutional population ¹	152,775	152,960	153,178	153,371	153,570	153,788	154,002	154,220	154,451	154,642	154,857	155,031	155,248
Civilian labor force	93,473	93,597	93,862	94,376	94,551	94,704	95,189	95,351	95,242	95,302	95,871	95,960	95,516
Percent of civilian population	61.2	61.2	61.3	61.5	61.6	61.6	61.8	61.8	61.7	61.6	61.9	61.9	61.5
Employed	86,226	86,471	86,845	87,329	87,640	87,533	87,783	87,834	87,794	87,738	88,220	88,441	88,558
Percent of total population	55.7	55.7	55.9	56.2	56.3	56.1	56.2	56.2	56.1	56.0	56.2	56.3	56.3
Agriculture	3,305	3,198	3,215	3,398	3,332	3,313	3,333	3,372	3,278	3,310	3,248	3,257	3,090
Nonagricultural industries	82,921	83,273	83,630	83,931	84,308	84,220	84,450	84,462	84,516	84,428	84,972	85,184	85,468
Unemployed	7,247	7,126	7,017	7,047	6,911	7,171	7,406	7,517	7,448	7,564	7,651	7,519	6,958
Unemployment rate	7.8	7.6	7.5	7.5	7.3	7.6	7.8	7.9	7.8	7.9	8.0	7.8	7.3
Not in labor force	59,302	59,363	59,316	58,995	59,019	59,084	58,813	58,869	59,209	59,340	58,986	59,071	59,732
Males, 20 years and over													
Total noninstitutional population ¹	65,739	65,821	65,920	66,002	66,087	66,182	66,279	66,384	66,491	66,598	66,699	66,835	66,930
Civilian noninstitutional population ¹	64,055	64,133	64,230	64,311	64,398	64,492	64,586	64,688	64,796	64,902	65,001	65,140	65,250
Civilian labor force	50,944	51,017	51,075	51,277	51,435	51,492	51,675	51,698	51,851	51,912	52,066	52,078	51,842
Percent of civilian population	79.5	79.5	79.5	79.7	79.9	79.8	80.0	79.9	80.0	80.0	80.1	79.9	79.5
Employed	47,941	48,079	48,201	48,455	48,542	48,443	48,544	48,638	48,701	48,684	48,773	48,859	48,961
Percent of total population	72.9	73.0	73.1	73.4	73.5	73.2	73.2	73.3	73.2	73.1	73.1	73.1	73.2
Agriculture	2,353	2,331	2,309	2,401	2,418	2,422	2,429	2,393	2,341	2,334	2,283	2,273	2,209
Nonagricultural industries	45,588	45,748	45,892	46,054	46,124	46,022	46,115	46,245	46,360	46,350	46,490	46,586	46,752
Unemployed	3,003	2,938	2,874	2,822	2,893	3,049	3,131	3,060	3,150	3,228	3,293	3,219	2,881
Unemployment rate	5.9	5.8	5.6	5.5	5.6	5.9	6.1	5.9	6.1	6.2	6.3	6.2	5.6
Not in labor force	13,111	13,116	13,155	13,034	12,963	13,000	12,911	12,990	12,945	12,990	12,935	13,062	13,408
Females, 20 years and over													
Total noninstitutional population ¹	72,433	72,531	72,640	72,737	72,837	72,944	73,053	73,168	73,286	73,378	73,491	73,535	73,642
Civilian noninstitutional population ¹	72,354	72,452	72,561	72,653	72,753	72,857	72,966	73,078	73,196	73,288	73,401	73,445	73,550
Civilian labor force	33,660	33,721	33,858	34,013	33,999	34,278	34,487	34,562	34,540	34,444	34,848	34,938	34,740
Percent of civilian population	46.5	46.5	46.7	46.8	46.7	47.0	47.3	47.3	47.2	47.0	47.5	47.6	47.2
Employed	31,141	31,228	31,414	31,546	31,671	31,801	31,853	31,883	31,906	31,811	32,208	32,340	32,331
Percent of total population	43.0	43.1	43.2	43.4	43.5	43.6	43.6	43.5	43.4	43.4	43.8	44.0	43.9
Agriculture	505	426	458	550	485	487	486	532	520	553	558	573	488
Nonagricultural industries	30,636	30,802	30,956	30,996	31,186	31,314	31,367	31,351	31,386	31,258	31,650	31,767	31,843
Unemployed	2,519	2,493	2,444	2,467	2,328	2,477	2,634	2,679	2,634	2,633	2,640	2,598	2,409
Unemployment rate	7.5	7.4	7.2	7.3	6.8	7.2	7.6	7.8	7.6	7.6	7.6	7.4	6.9
Not in labor force	38,694	38,731	38,703	38,640	38,754	38,579	38,479	38,516	38,656	38,844	38,553	38,507	38,810
Both sexes, 16-19 years													
Total noninstitutional population ¹	16,743	16,754	16,765	16,776	16,788	16,799	16,811	16,815	16,819	16,812	16,816	16,806	16,810
Civilian noninstitutional population ¹	16,366	16,376	16,387	16,407	16,419	16,439	16,450	16,454	16,458	16,452	16,455	16,446	16,448
Civilian labor force	8,869	8,859	8,929	9,086	9,117	9,934	9,027	9,091	8,851	8,946	8,957	8,944	8,934
Percent of civilian population	54.2	54.1	54.5	55.4	55.5	54.3	54.9	55.3	53.8	54.4	54.4	54.4	54.3
Employed	7,144	7,164	7,230	7,328	7,427	7,289	7,386	7,313	7,187	7,243	7,239	7,242	7,266
Percent of total population	42.7	42.8	43.1	43.7	44.2	43.4	43.9	43.5	42.7	43.1	43.0	43.1	43.2
Agriculture	447	441	448	447	429	404	418	447	417	423	407	411	393
Nonagricultural industries	6,697	6,723	6,782	6,881	6,998	6,885	6,968	6,866	6,770	6,820	6,832	6,831	6,873
Unemployed	1,725	1,695	1,699	1,758	1,690	1,645	1,641	1,778	1,664	1,703	1,718	1,702	1,668
Unemployment rate	19.4	19.1	19.0	19.3	18.5	18.4	18.2	19.6	18.8	19.0	19.2	19.0	18.7
Not in labor force	7,497	7,517	7,458	7,321	7,302	7,505	7,423	7,363	7,607	7,506	7,498	7,502	7,514

¹ The population and Armed Forces figures are not adjusted for seasonal variations. NOTE: Detail for the household data shown in tables A-33 through A-43 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

A-34. Full- and part-time status of the civilian labor force, seasonally adjusted

[Numbers in thousands]

Full- and part-time employment status	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
FULL TIME													
Total, 16 years and over:													
Civilian labor force	79,801	79,965	80,310	80,524	80,763	80,684	81,006	81,177	80,977	81,297	81,786	82,048	81,730
Employed	73,988	74,263	74,673	74,898	75,190	74,854	75,128	75,092	74,879	75,135	75,601	75,923	76,223
Unemployed	5,813	5,702	5,637	5,626	5,573	5,830	5,878	6,085	6,098	6,162	6,185	6,125	5,507
Unemployment rate	7.3	7.1	7.0	7.0	6.9	7.2	7.3	7.5	7.5	7.6	7.6	7.5	6.7
PART TIME													
Total, 16 years and over:													
Civilian labor force	13,728	13,719	13,529	13,916	13,801	13,993	14,181	14,351	14,340	14,059	14,046	13,912	13,980
Employed	12,314	12,302	12,145	12,443	12,403	12,707	12,681	12,922	12,963	12,610	12,577	12,546	12,549
Unemployed	1,414	1,417	1,384	1,473	1,398	1,286	1,500	1,429	1,377	1,449	1,469	1,366	1,431
Unemployment rate	10.3	10.3	10.2	10.6	10.1	9.2	10.6	10.0	9.6	10.3	10.5	9.8	10.2

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

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-35. Employment status by race, sex, and age, seasonally adjusted

[Numbers in thousands]

Characteristics	1976												1977	
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	
WHITE														
Total, 16 years and over:														
Civilian labor force	82,713	82,867	83,071	83,469	83,668	83,796	84,254	84,403	84,313	84,511	84,816	84,854	84,616	
Employed	76,878	77,208	77,412	77,818	78,070	78,091	78,295	78,370	78,276	78,384	78,647	78,828	78,923	
Unemployed	5,835	5,659	5,659	5,651	5,598	5,705	5,959	6,033	6,037	6,127	6,169	6,026	5,693	
Unemployment rate	7.1	6.8	6.8	6.8	6.7	6.8	7.1	7.1	7.2	7.2	7.3	7.1	6.7	
Males, 20 years and over:														
Civilian labor force	45,631	45,743	45,839	45,949	46,083	46,143	46,287	46,355	46,489	46,561	46,667	46,624	46,347	
Employed	43,225	43,388	43,492	43,654	43,704	43,666	43,726	43,831	43,844	43,926	43,996	44,044	44,035	
Unemployed	2,406	2,355	2,347	2,295	2,379	2,477	2,561	2,524	2,645	2,635	2,671	2,580	2,312	
Unemployment rate	5.3	5.1	5.1	5.0	5.2	5.4	5.5	5.4	5.7	5.7	5.7	5.5	5.0	
Females, 20 years and over:														
Civilian labor force	29,145	29,192	29,268	29,364	29,451	29,639	29,834	29,922	29,876	29,914	30,138	30,211	30,071	
Employed	27,124	27,244	27,317	27,414	27,558	27,693	27,750	27,806	27,805	27,775	28,017	28,143	28,170	
Unemployed	2,021	1,948	1,951	1,950	1,893	1,946	2,084	2,116	2,071	2,139	2,121	2,068	1,901	
Unemployment rate	6.9	6.7	6.7	6.6	6.4	6.6	7.0	7.1	6.9	7.2	7.0	6.8	6.3	
Both sexes, 16 to 19 years:														
Civilian labor force	7,937	7,932	7,964	8,156	8,134	8,014	8,133	8,126	7,948	8,036	8,011	8,019	8,198	
Employed	6,529	6,576	6,603	6,750	6,808	6,732	6,819	6,733	6,627	6,683	6,634	6,641	6,718	
Unemployed	1,408	1,356	1,361	1,406	1,326	1,282	1,314	1,393	1,321	1,353	1,377	1,378	1,480	
Unemployment rate	17.7	17.1	17.1	17.2	16.3	16.0	16.2	17.1	16.6	16.8	17.2	17.2	18.1	
BLACK AND OTHER														
Total, 16 years and over:														
Civilian labor force	10,706	10,800	10,812	10,876	10,846	10,844	10,868	10,979	10,906	10,910	11,114	11,109	11,030	
Employed	9,298	9,329	9,453	9,466	9,509	9,388	9,464	9,484	9,508	9,444	9,618	9,623	9,648	
Unemployed	1,408	1,471	1,359	1,410	1,337	1,456	1,404	1,495	1,398	1,466	1,496	1,486	1,382	
Unemployment rate	13.2	13.6	12.6	13.0	12.3	13.4	12.9	13.6	12.8	13.4	13.5	13.4	12.5	
Males, 20 years and over:														
Civilian labor force	5,243	5,273	5,245	5,304	5,358	5,376	5,355	5,376	5,371	5,388	5,437	5,457	5,464	
Employed	4,660	4,695	4,712	4,773	4,846	4,794	4,789	4,822	4,847	4,802	4,806	4,838	4,907	
Unemployed	583	578	533	531	512	582	566	554	524	586	631	619	557	
Unemployment rate	11.1	11.0	10.2	10.0	9.6	10.8	10.6	10.3	9.8	10.9	11.6	11.3	10.2	
Females, 20 years and over:														
Civilian labor force	4,511	4,590	4,611	4,618	4,555	4,599	4,600	4,632	4,639	4,602	4,728	4,714	4,674	
Employed	4,019	4,028	4,129	4,106	4,083	4,073	4,074	4,079	4,108	4,072	4,209	4,173	4,171	
Unemployed	492	562	482	512	472	526	526	553	531	530	519	541	503	
Unemployment rate	10.9	12.2	10.5	11.1	10.4	11.4	11.4	11.9	11.4	11.5	11.0	11.5	10.8	
Both sexes, 16 to 19 years:														
Civilian labor force	952	937	956	954	933	869	913	971	896	920	949	938	892	
Employed	619	606	612	587	580	521	601	583	553	570	603	612	570	
Unemployed	333	331	344	367	353	348	312	388	343	350	346	326	322	
Unemployment rate	35.0	35.3	36.0	38.5	37.8	40.0	34.2	40.0	38.3	38.0	36.5	34.8	36.1	

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Selected categories	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Characteristics													
Total (all civilian workers)	7.8	7.6	7.5	7.5	7.3	7.6	7.8	7.9	7.8	7.9	8.0	7.8	7.3
Males, 20 years and over	5.9	5.8	5.6	5.5	5.6	5.9	6.1	5.9	6.1	6.2	6.3	6.2	5.6
Females, 20 years and over	7.5	7.4	7.2	7.3	6.8	7.2	7.6	7.8	7.6	7.6	7.6	7.4	6.9
Both sexes, 16-19 years	19.4	19.1	19.0	19.3	18.5	18.4	18.2	19.6	18.8	19.0	19.2	19.0	18.7
White	7.1	6.8	6.8	6.8	6.7	6.8	7.1	7.1	7.2	7.2	7.3	7.1	6.7
Black and other	13.2	13.6	12.6	13.0	12.3	13.4	12.9	13.6	12.8	13.4	13.5	13.4	12.5
Household heads	5.2	5.0	5.0	4.8	4.9	5.1	5.3	5.2	5.4	5.4	5.3	5.1	4.8
Married men	4.1	4.2	4.1	4.0	4.1	4.3	4.4	4.3	4.5	4.4	4.5	4.3	3.8
Full-time workers	7.3	7.1	7.0	7.0	6.9	7.2	7.3	7.5	7.5	7.6	7.6	7.5	6.7
Part-time workers	10.3	10.3	10.2	10.6	10.1	9.2	10.6	10.0	9.6	10.3	10.5	9.8	10.2
Unemployed 15 weeks and over ¹	3.0	2.7	2.5	2.2	2.2	2.3	2.4	2.5	2.4	2.5	2.6	2.4	2.4
Labor force time lost ²	8.4	8.1	8.1	8.1	8.1	7.9	8.1	8.4	8.4	8.6	8.6	8.4	8.0
OCCUPATION													
White-collar workers	4.6	4.6	4.6	4.7	4.5	4.5	4.7	4.9	4.6	4.6	4.7	4.5	4.5
Professional and technical	3.0	3.5	3.5	3.3	3.1	3.0	3.1	3.1	3.0	3.2	3.4	3.3	3.3
Managers and administrators, except farm	2.9	2.9	2.9	2.8	3.1	3.1	3.4	3.5	3.2	3.0	3.1	3.1	3.0
Sales workers	6.1	5.3	5.0	5.0	4.9	5.3	5.4	5.8	5.6	5.4	5.7	5.0	5.7
Clerical workers	6.4	6.1	6.3	7.0	6.3	6.2	6.6	7.0	6.2	6.2	6.3	6.1	6.0
Blue-collar workers	9.4	9.3	9.1	8.9	9.0	9.3	9.7	9.8	9.8	9.8	9.7	9.6	8.4
Craft and kindred workers	6.8	6.8	6.7	6.9	6.3	7.0	7.2	7.0	6.9	6.8	7.0	7.0	6.1
Operatives, except transport	10.4	10.5	10.2	9.9	10.6	10.7	11.1	11.3	11.5	11.6	11.3	11.0	9.2
Transport equipment operatives	8.5	7.6	7.6	6.3	6.5	7.2	8.2	8.1	8.0	8.3	8.2	8.1	7.2
Nonfarm laborers	14.3	13.9	13.2	13.0	13.6	12.8	13.4	14.5	14.6	14.0	13.5	13.9	12.9
Service workers	9.0	8.8	8.6	8.3	8.2	8.6	8.6	8.5	8.7	9.4	9.3	9.0	8.6
Farm workers	4.2	4.0	4.5	4.5	4.6	4.2	4.3	3.6	4.0	4.2	5.1	6.1	4.8
INDUSTRY													
Nonagricultural private wage and salary workers ³	8.1	7.9	7.7	7.6	7.5	7.8	8.0	8.2	8.1	8.2	8.2	7.9	7.4
Construction	15.7	15.9	15.9	15.2	14.5	16.3	17.0	16.5	15.7	15.1	15.4	14.1	14.9
Manufacturing	8.2	7.9	7.3	7.6	7.4	7.6	7.8	8.1	8.1	8.2	8.2	8.2	6.9
Durable goods	8.3	8.0	7.5	7.5	7.3	7.4	7.5	7.7	7.6	8.0	7.7	8.0	6.5
Non-durable goods	8.0	7.9	7.1	7.7	7.5	7.9	8.4	8.7	8.9	8.5	8.9	8.6	7.4
Transportation and public utilities	4.9	4.7	4.6	4.2	5.0	5.0	5.2	4.8	5.4	5.6	5.7	5.2	4.7
Wholesale and retail trade	8.6	8.5	8.6	8.3	8.2	8.4	8.6	8.9	8.9	8.9	9.0	8.2	8.4
Finance and service industries	6.9	6.6	6.2	6.3	6.3	6.3	6.4	6.6	6.4	6.7	6.8	6.8	6.2
Government workers	4.3	4.4	4.4	4.8	4.6	4.3	4.5	4.4	3.9	4.4	4.3	4.4	4.3
Agricultural wage and salary workers	11.2	10.8	11.2	11.4	12.5	11.0	11.8	10.4	11.2	11.5	13.2	14.0	12.6

¹ Unemployment as a percent of civilian labor force.

as a percent of potential, available labor force hours.

² Aggregate hours lost by the unemployed and persons on part-time for economic reasons

³ Includes mining, not shown separately.

A-37. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Duration													
Less than 5 weeks	2,635	2,637	2,630	2,998	2,795	2,730	2,931	2,867	2,852	2,952	2,759	2,765	2,762
5 to 14 weeks	2,065	1,890	1,915	1,902	1,978	2,215	2,093	2,433	2,426	2,367	2,494	2,319	2,083
15 weeks and over	2,781	2,531	2,325	2,103	2,042	2,173	2,247	2,341	2,311	2,360	2,517	2,514	2,283
15 to 26 weeks	1,155	968	870	715	850	902	1,058	1,127	1,118	1,094	1,188	1,130	1,038
27 weeks and over	1,616	1,563	1,455	1,388	1,192	1,271	1,189	1,214	1,193	1,266	1,329	1,384	1,245
Average (mean) duration, in weeks	16.9	16.3	16.0	15.8	15.1	16.9	15.6	15.4	15.4	15.3	15.5	15.6	15.5
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
Less than 5 weeks	35.2	37.4	38.3	42.7	41.0	38.4	40.3	37.5	37.6	38.4	35.5	36.4	38.7
5 to 14 weeks	27.6	26.8	27.9	27.2	29.0	31.1	28.8	31.8	32.0	30.8	32.1	30.5	29.2
15 weeks and over	37.2	35.9	33.8	30.1	30.0	30.5	30.9	30.6	30.5	30.7	32.4	33.1	32.0
15 to 26 weeks	15.6	13.7	12.7	10.2	12.5	12.7	14.6	14.7	14.7	14.2	15.3	14.9	14.6
27 weeks and over	21.6	22.1	21.2	19.8	17.5	17.9	16.4	15.9	15.7	16.5	17.1	18.2	17.5

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-38. Rates of unemployment by sex and age, seasonally adjusted

Sex and age	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	7.8	7.6	7.5	7.5	7.3	7.6	7.8	7.9	7.8	7.9	8.0	7.8	7.3
16 to 19 years	19.4	19.1	19.0	19.3	18.5	18.4	18.2	19.6	18.8	19.0	19.2	19.0	18.7
16 to 17 years	20.9	21.3	20.3	20.9	21.7	21.2	20.8	22.1	20.6	21.3	21.6	20.7	21.1
18 to 19 years	18.4	17.6	18.4	18.2	16.5	16.2	15.9	18.0	17.5	17.5	17.6	17.7	17.0
20 to 24 years	12.6	12.0	12.0	11.9	11.3	11.5	11.4	11.9	11.7	12.6	12.7	12.5	11.4
25 years and over	5.4	5.3	5.2	5.1	5.1	5.4	5.9	5.6	5.8	5.7	5.6	5.5	5.1
25 to 54 years	5.6	5.4	5.2	5.3	5.3	5.6	6.0	5.9	5.9	6.0	5.9	5.9	5.3
55 years and over	4.5	4.6	4.8	4.6	4.3	4.7	4.9	4.8	4.8	4.6	4.6	4.2	4.1
Males, 16 years and over	7.1	6.9	6.8	6.8	6.8	7.0	7.1	7.0	7.2	7.4	7.5	7.3	6.6
16 to 19 years	19.7	19.2	19.2	20.1	19.2	18.5	18.3	18.7	19.1	19.6	19.7	19.1	17.4
16 to 17 years	21.2	21.1	21.1	21.1	22.6	21.3	20.8	21.5	21.3	22.3	22.2	21.0	19.5
18 to 19 years	18.9	17.9	18.1	19.0	17.0	16.4	16.6	16.8	17.3	17.7	18.1	17.4	16.1
20 to 24 years	12.8	12.1	12.0	11.3	11.3	11.6	12.0	11.8	11.7	12.7	12.6	12.9	11.3
25 years and over	4.7	4.6	4.5	4.5	4.5	4.9	5.1	5.0	5.2	5.1	5.2	5.0	4.6
25 to 54 years	4.9	4.6	4.4	4.6	4.6	5.0	5.2	5.1	5.2	5.3	5.4	5.2	4.7
55 years and over	4.2	4.5	4.9	4.3	4.4	4.7	4.2	4.6	4.6	4.4	4.4	3.9	4.0
Females, 16 years and over	8.7	8.6	8.5	8.5	8.3	8.4	8.8	9.1	8.8	8.8	8.7	8.6	8.3
16 to 19 years	19.1	19.0	18.8	18.5	17.8	18.3	18.0	20.6	18.4	18.3	18.5	18.9	20.1
16 to 17 years	20.6	21.6	19.4	20.7	20.6	21.1	20.8	22.9	19.8	20.1	20.8	20.2	23.0
18 to 19 years	17.9	17.3	18.7	17.3	15.9	15.9	15.2	19.4	17.6	17.3	17.1	18.0	18.1
20 to 24 years	12.4	11.9	12.0	12.5	11.2	11.4	10.6	11.9	11.8	12.4	12.8	11.9	11.4
25 years and over	6.4	6.3	6.1	6.1	6.0	6.3	7.1	6.7	6.7	6.6	6.4	6.4	5.9
25 to 54 years	6.6	6.7	6.5	6.4	6.5	6.7	7.2	7.1	7.1	7.1	6.7	6.9	6.2
55 years and over	5.0	4.8	4.5	4.9	4.2	4.7	5.9	5.2	5.2	4.9	5.1	4.7	4.3

A-39. Unemployed persons by reason for unemployment, seasonally adjusted

[Numbers in thousands]

Reason for unemployment	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
NUMBER OF UNEMPLOYED													
Job losers	3,611	3,490	3,472	3,461	3,506	5,580	3,758	3,790	3,727	3,756	3,802	3,736	3,207
On layoff	970	1,013	953	990	963	1,031	1,142	1,191	1,222	1,107	1,067	1,057	791
Other job losers	2,641	2,477	2,519	2,471	2,543	2,549	2,616	2,599	2,505	2,649	2,735	2,679	2,416
Job leavers	845	847	775	841	892	895	957	994	934	936	858	831	932
Reentrants	1,933	1,861	1,861	1,840	1,775	1,813	1,879	1,941	1,912	1,927	2,061	1,957	1,991
New entrants	866	849	858	888	860	831	794	955	926	894	920	942	905
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
Job losers	49.8	49.5	49.8	49.2	49.9	50.3	50.9	49.3	49.7	50.0	49.8	50.0	45.6
On layoff	13.4	14.4	13.7	14.1	13.7	14.5	15.5	15.5	16.3	14.7	14.0	14.2	11.2
Other job losers	36.4	35.1	36.2	35.1	36.2	35.8	35.4	33.8	33.4	35.3	35.8	35.9	34.3
Job leavers	11.6	12.0	11.1	12.0	12.7	12.6	13.0	12.9	12.5	12.5	11.2	11.1	13.2
Reentrants	26.6	26.4	26.7	26.2	25.2	25.5	25.4	25.3	25.5	25.6	27.0	26.2	28.3
New entrants	11.9	12.0	12.3	12.6	12.2	11.7	10.7	12.4	12.3	11.9	12.0	12.6	12.9
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers	3.9	3.7	3.7	3.7	3.7	5.8	3.9	4.0	3.9	3.9	4.0	3.9	3.4
Job leavers .....	.9	.9	.8	.9	.9	.9	1.0	1.0	1.0	1.0	.9	.9	1.0
Reentrants	2.1	2.0	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.0	2.1
New entrants .....	.9	.9	.9	.9	.9	.9	.8	1.0	1.0	.9	1.0	1.0	.9

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-40. Employed persons by sex and age, seasonally adjusted

(Numbers in thousands)

Sex and age	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	86,226	86,471	86,845	87,329	87,640	87,533	87,783	87,834	87,794	87,738	88,220	88,441	88,558
16 to 19 years	7,144	7,164	7,230	7,328	7,427	7,289	7,386	7,313	7,187	7,243	7,239	7,242	7,266
16 to 17 years	2,947	2,887	2,913	3,014	2,928	2,863	2,994	2,970	2,916	2,861	2,882	2,914	2,906
18 to 19 years	4,220	4,280	4,283	4,350	4,452	4,391	4,386	4,346	4,319	4,380	4,356	4,332	4,396
20 to 24 years	11,915	12,079	12,106	12,269	12,373	12,343	12,457	12,301	12,321	12,279	12,378	12,459	12,598
25 years and over	67,196	67,266	67,502	67,730	67,855	67,892	67,911	68,140	68,317	68,257	68,533	68,762	68,759
25 to 54 years	53,695	53,830	54,093	54,306	54,376	54,485	54,502	54,682	54,751	54,688	54,873	55,059	55,239
55 years and over	13,532	13,486	13,387	13,388	13,406	13,419	13,410	13,506	13,566	13,599	13,644	13,702	13,564
Males, 16 years and over	51,789	51,942	52,078	52,397	52,490	52,332	52,507	52,596	52,546	52,576	52,643	52,799	52,918
16 to 19 years	3,848	3,863	3,877	3,942	3,948	3,889	3,963	3,958	3,845	3,892	3,870	3,940	3,957
16 to 17 years	1,602	1,573	1,568	1,672	1,573	1,531	1,641	1,652	1,587	1,588	1,577	1,622	1,588
18 to 19 years	2,249	2,291	2,290	2,304	2,335	2,330	2,316	2,308	2,298	2,301	2,289	2,316	2,381
20 to 24 years	6,525	6,662	6,648	6,770	6,792	6,720	6,766	6,726	6,778	6,787	6,832	6,879	6,975
25 years and over	41,406	41,438	41,549	41,692	41,762	41,722	41,743	41,828	41,955	41,922	41,931	42,016	41,993
25 to 54 years	33,013	33,134	33,263	33,346	33,395	33,324	33,337	33,392	33,468	33,505	33,478	33,529	33,594
55 years and over	8,417	8,295	8,276	8,336	8,354	8,391	8,402	8,442	8,464	8,461	8,460	8,500	8,449
Females, 16 years and over	34,437	34,529	34,767	34,932	35,150	35,201	35,276	35,238	35,248	35,162	35,577	35,642	35,640
16 to 19 years	3,296	3,301	3,353	3,386	3,479	3,400	3,423	3,355	3,342	3,351	3,369	3,302	3,309
16 to 17 years	1,345	1,314	1,345	1,342	1,355	1,332	1,353	1,318	1,329	1,273	1,305	1,292	1,318
18 to 19 years	1,971	1,989	1,993	2,046	2,117	2,061	2,070	2,038	2,021	2,079	2,067	2,016	2,015
20 to 24 years	5,390	5,417	5,458	5,499	5,581	5,623	5,691	5,575	5,543	5,492	5,546	5,580	5,623
25 years and over	25,790	25,828	25,953	26,038	26,093	26,170	26,168	26,312	26,362	26,335	26,602	26,746	26,766
25 to 54 years	20,682	20,692	20,830	20,960	20,981	21,161	21,165	21,290	21,283	21,183	21,395	21,530	21,645
55 years and over	5,115	5,191	5,111	5,052	5,052	5,028	5,008	5,064	5,102	5,138	5,184	5,202	5,115

A-41. Unemployed persons by sex and age, seasonally adjusted

(Numbers in thousands)

Sex and age	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over	7,247	7,126	7,017	7,047	6,911	7,171	7,406	7,517	7,448	7,564	7,651	7,519	6,958
16 to 19 years	1,725	1,695	1,699	1,758	1,690	1,645	1,641	1,778	1,664	1,703	1,718	1,702	1,668
16 to 17 years	781	782	743	798	811	771	786	843	758	776	792	760	777
18 to 19 years	953	914	964	969	879	846	832	956	913	930	930	930	901
20 to 24 years	1,723	1,646	1,645	1,654	1,572	1,606	1,598	1,657	1,639	1,767	1,802	1,779	1,617
25 years and over	3,808	3,759	3,667	3,673	3,646	3,909	4,229	4,075	4,180	4,106	4,102	4,027	3,681
25 to 54 years	3,166	3,102	2,996	3,049	3,064	3,254	3,495	3,438	3,448	3,470	3,438	3,449	3,090
55 years and over	634	655	671	640	606	657	685	688	688	652	664	608	583
Males, 16 years and over	3,949	3,858	3,798	3,812	3,830	3,931	4,020	3,968	4,060	4,178	4,244	4,152	3,714
16 to 19 years	946	920	924	990	937	882	889	908	910	950	951	933	833
16 to 17 years	431	421	419	447	459	415	430	452	429	455	449	432	384
18 to 19 years	523	498	505	540	478	456	461	467	481	496	505	487	457
20 to 24 years	959	913	903	866	869	882	921	903	899	990	987	1,022	892
25 years and over	2,057	2,012	1,976	1,987	1,984	2,158	2,221	2,189	2,282	2,236	2,281	2,194	2,002
25 to 54 years	1,699	1,612	1,546	1,606	1,613	1,742	1,847	1,813	1,830	1,862	1,902	1,853	1,656
55 years and over	366	395	428	379	387	411	372	408	410	385	387	349	354
Females, 16 years and over	3,298	3,268	3,219	3,235	3,081	3,240	3,386	3,549	3,388	3,386	3,407	3,367	3,244
16 to 19 years	779	775	775	768	753	763	752	870	754	753	767	769	835
16 to 17 years	350	361	324	351	352	356	356	391	329	321	343	328	393
18 to 19 years	430	416	459	429	401	390	371	489	432	434	425	443	444
20 to 24 years	764	733	742	788	703	724	677	754	740	777	815	757	725
25 years and over	1,751	1,747	1,691	1,686	1,662	1,751	2,008	1,886	1,898	1,870	1,821	1,833	1,679
25 to 54 years	1,467	1,490	1,450	1,443	1,451	1,512	1,648	1,625	1,618	1,608	1,536	1,596	1,434
55 years and over	268	260	243	261	219	246	313	280	278	267	277	259	229

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-42. Employed persons by selected social and economic categories, seasonally adjusted

(In thousands)

Selected categories	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total employed	86,226	86,471	86,845	87,329	87,640	87,533	87,783	87,834	87,794	87,738	88,220	88,441	88,588
Household heads	50,660	50,778	50,948	51,151	51,170	51,132	51,038	51,120	51,185	51,159	51,356	51,525	51,710
Married men, spouse present	37,955	38,006	38,134	38,225	38,196	38,122	38,146	38,179	38,140	37,989	37,895	37,998	38,195
Married women, spouse present	20,042	20,048	20,084	20,113	20,300	20,334	20,353	20,402	20,470	20,384	20,482	20,498	20,511
Occupation													
White-collar workers	42,836	43,084	43,369	43,431	43,757	43,583	43,503	43,731	44,023	44,207	44,297	44,648	44,521
Professional and technical	13,150	13,081	13,182	13,067	13,236	13,363	13,291	13,471	13,581	13,427	13,597	13,544	13,444
Managers and administrators, except farm	9,057	9,170	9,279	9,382	9,210	9,230	9,226	9,309	9,446	9,436	9,491	9,564	9,613
Sales workers	5,274	5,357	5,401	5,458	5,539	5,467	5,442	5,504	5,555	5,551	5,597	5,815	5,633
Clerical workers	15,355	15,476	15,507	15,524	15,772	15,523	15,544	15,447	15,441	15,793	15,612	15,725	15,831
Blue-collar workers	28,706	28,809	28,853	29,118	29,066	29,132	29,100	28,912	28,745	28,921	29,001	29,150	29,636
Craft and kindred workers	11,222	11,294	11,139	11,189	11,259	11,268	11,329	11,286	11,340	11,352	11,353	11,302	11,626
Operatives, except transport	10,126	10,072	10,159	10,190	10,192	10,257	10,131	10,015	9,820	9,885	9,970	10,231	10,341
Transport equipment operatives	3,166	3,228	3,245	3,299	3,296	3,365	3,275	3,266	3,275	3,297	3,258	3,283	3,358
Nonfarm laborers	4,192	4,215	4,310	4,440	4,319	4,242	4,365	4,345	4,310	4,387	4,420	4,334	4,309
Service workers	11,910	11,840	11,810	11,930	12,034	12,058	12,178	12,265	12,165	11,972	12,026	11,880	11,874
Farm workers	2,826	2,787	2,758	2,918	2,839	2,826	2,861	2,913	2,772	2,829	2,743	2,791	2,624
Major industry and class of worker													
Agriculture:													
Wage and salary workers	1,296	1,306	1,327	1,354	1,297	1,317	1,306	1,339	1,309	1,310	1,285	1,380	1,246
Self-employed workers	1,646	1,603	1,585	1,641	1,664	1,671	1,686	1,700	1,608	1,671	1,627	1,530	1,490
Unpaid family workers	341	317	299	364	357	342	336	352	344	343	342	340	354
Nonagricultural industries:													
Wage and salary workers	76,662	77,087	77,470	77,823	78,070	78,117	78,250	78,423	78,440	78,498	78,766	78,957	79,205
Private households	1,306	1,205	1,319	1,337	1,303	1,389	1,433	1,384	1,400	1,377	1,448	1,384	1,391
Government	14,764	14,867	14,939	14,806	14,858	14,899	14,942	15,262	15,143	14,998	15,045	14,967	15,013
Other	60,592	61,015	61,212	61,680	61,909	61,829	61,875	61,777	61,897	62,123	62,273	62,606	62,801
Self-employed workers	5,707	5,696	5,647	5,617	5,759	5,642	5,640	5,661	5,701	5,632	5,771	5,798	5,853
Unpaid family workers	507	482	450	465	463	453	447	444	433	448	449	460	419
Persons at work¹													
Nonagricultural industries	78,325	78,362	78,319	77,632	78,960	79,331	79,257	78,991	79,796	79,469	79,940	80,369	79,832
Full-time schedules	64,190	64,395	64,517	63,853	64,877	64,858	65,261	64,687	64,965	64,955	65,385	65,846	65,700
Part-time for economic reasons	3,336	3,201	3,173	3,194	3,287	3,150	3,136	3,178	3,376	3,448	3,545	3,454	3,320
Usually work full time	1,335	1,283	1,231	1,307	1,438	1,326	1,311	1,350	1,378	1,339	1,289	1,234	1,112
Usually work part time	2,001	1,918	1,942	1,887	1,849	1,824	1,825	1,828	1,998	2,109	2,256	2,220	2,208
Part-time for noneconomic reasons	10,799	10,766	10,629	10,585	10,796	11,323	10,860	11,126	11,455	11,066	11,010	11,069	10,812

¹ Excludes persons "with a job but not at work" during the survey period for such reasons as vacation, illness, or industrial dispute.

HOUSEHOLD DATA

A-43. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years of age

[Numbers in thousands]

Employment status	Not seasonally adjusted			Seasonally adjusted					
	Jan. 1976	Dec. 1976	Jan. 1977	Jan. 1976	Sept. 1976	Oct. 1976	Nov. 1976	Dec. 1976	Jan. 1977
VETERANS¹									
Total, 20 to 34 years:									
Civilian noninstitutional population ²	6,629	6,828	6,847	6,629	6,735	6,765	6,797	6,828	6,847
Civilian labor force	6,235	6,433	6,492	6,221	6,364	6,309	6,436	6,456	6,486
Employed	5,615	5,930	5,881	5,723	5,795	5,832	5,891	5,918	5,995
Unemployed	620	503	611	498	569	557	545	538	491
Unemployment rate	9.9	7.8	9.4	8.0	8.9	8.7	8.5	8.3	7.6
20 to 24 years									
Civilian noninstitutional population ²	1,103	1,089	1,086	1,103	1,073	1,078	1,083	1,089	1,086
Civilian labor force	926	952	975	912	937	951	965	956	964
Employed	717	794	772	745	757	770	803	795	802
Unemployed	209	158	203	167	180	181	162	161	162
Unemployment rate	22.6	16.6	20.8	18.3	19.2	19.0	16.8	16.8	16.8
25 to 29 years									
Civilian noninstitutional population ²	3,453	3,165	3,141	3,453	3,227	3,206	3,186	3,165	3,141
Civilian labor force	3,296	2,985	2,981	3,291	3,046	3,019	3,021	3,010	2,972
Employed	3,005	2,756	2,689	3,056	2,804	2,780	2,760	2,749	2,736
Unemployed	291	229	292	235	242	239	261	261	236
Unemployment rate	8.8	7.7	9.8	7.1	7.9	7.9	8.6	8.7	7.9
30 to 34 years									
Civilian noninstitutional population ²	2,073	2,574	2,620	2,073	2,435	2,481	2,528	2,574	2,620
Civilian labor force	2,013	2,496	2,536	2,018	2,381	2,419	2,450	2,490	2,550
Employed	1,893	2,380	2,420	1,922	2,234	2,282	2,328	2,374	2,457
Unemployed	120	116	116	96	147	137	122	1,116	93
Unemployment rate	6.0	4.6	4.6	4.8	6.2	5.7	5.0	4.7	3.6
NONVETERANS									
Total, 20 to 34 years:									
Civilian noninstitutional population ²	16,349	17,036	17,116	16,349	16,911	16,954	17,008	17,036	17,116
Civilian labor force	14,478	15,339	15,312	14,601	15,230	15,372	15,487	15,562	15,460
Employed	12,952	14,019	13,818	13,307	13,980	14,004	14,053	14,141	14,198
Unemployed	1,526	1,320	1,494	1,294	1,250	1,368	1,434	1,421	1,262
Unemployment rate	10.5	8.6	9.8	8.9	8.2	8.9	9.3	9.1	8.2
20 to 24 years									
Civilian noninstitutional population ²	7,802	7,981	8,018	7,802	7,968	7,976	7,989	7,981	8,018
Civilian labor force	6,427	6,750	6,729	6,575	6,718	6,816	6,878	6,948	6,905
Employed	5,522	5,982	5,896	5,781	6,013	6,007	6,046	6,083	6,174
Unemployed	905	768	833	794	705	809	832	865	731
Unemployment rate	14.1	11.4	12.4	12.1	10.5	11.9	12.1	12.4	10.6
25 to 29 years									
Civilian noninstitutional population ²	4,708	5,188	5,211	4,708	5,141	5,157	5,175	5,188	5,211
Civilian labor force	4,409	4,878	4,879	4,388	4,863	4,880	4,884	4,882	4,849
Employed	4,015	4,514	4,412	4,072	4,515	4,507	4,499	4,529	4,475
Unemployed	394	364	467	316	348	373	385	353	374
Unemployment rate	8.9	7.5	9.6	7.2	7.2	7.6	7.9	7.2	7.7
30 to 34 years									
Civilian noninstitutional population ²	3,839	3,867	3,887	3,839	3,802	3,821	3,844	3,867	3,887
Civilian labor force	3,642	3,711	3,704	3,638	3,649	3,676	3,725	3,732	3,706
Employed	3,415	3,523	3,510	3,454	3,452	3,490	3,508	3,529	3,549
Unemployed	227	188	194	184	197	186	217	203	157
Unemployment rate	6.2	5.1	5.2	5.1	5.4	5.1	5.8	5.4	4.2

¹ Vietnam-era veterans are those who served between August 5, 1964, and April 30, 1975.

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

**ESTABLISHMENT DATA
HISTORICAL EMPLOYMENT**

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

[In thousands]

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	27,088	12,813	1,133	1,021	10,659	14,275	3,711	4,514	-	-	1,111	2,263	2,676	-	-
1920.....	27,350	12,745	1,239	848	10,658	14,605	3,998	4,467	-	-	1,175	2,362	2,603	-	-
1925.....	28,778	12,474	1,089	1,446	9,939	16,304	3,826	5,576	-	-	1,233	2,869	2,800	-	-
1926.....	29,819	12,896	1,185	1,555	10,156	16,923	3,942	5,784	-	-	1,305	3,046	2,846	-	-
1927.....	29,976	12,723	1,114	1,608	10,001	17,253	3,895	5,908	-	-	1,367	3,168	2,915	-	-
1928.....	30,000	12,603	1,050	1,606	9,947	17,397	3,828	5,874	-	-	1,435	3,265	2,995	-	-
1929.....	31,339	13,286	1,087	1,497	10,702	18,053	3,916	6,123	-	-	1,509	3,440	3,065	533	2,532
1930.....	29,424	11,943	1,009	1,372	9,562	17,481	3,685	5,797	-	-	1,475	3,376	3,148	526	2,622
1931.....	26,649	10,257	873	1,214	8,170	16,392	3,254	5,284	-	-	1,407	3,183	3,264	560	2,704
1932.....	23,628	8,632	731	970	6,931	14,996	2,816	4,683	-	-	1,341	2,931	3,225	559	2,666
1933.....	23,711	8,950	744	809	7,397	14,761	2,672	4,755	-	-	1,295	2,873	3,166	565	2,601
1934.....	25,953	10,246	883	862	8,501	15,707	2,750	5,281	-	-	1,319	3,058	3,299	652	2,647
1935.....	27,053	10,878	897	912	9,069	16,175	2,786	5,431	-	-	1,335	3,142	3,481	753	2,728
1936.....	29,082	11,918	946	1,145	9,827	17,164	2,973	5,809	-	-	1,388	3,326	3,668	826	2,842
1937.....	31,026	12,921	1,015	1,112	10,794	18,105	3,134	6,265	-	-	1,432	3,518	3,756	833	2,923
1938.....	29,209	11,386	891	1,055	9,440	17,823	2,863	6,179	-	-	1,425	3,473	3,883	829	3,054
1939.....	30,618	12,282	854	1,150	10,278	18,336	2,936	6,426	1,684	4,742	1,462	3,517	3,995	905	3,090
1940.....	32,376	13,204	925	1,294	10,985	19,173	3,038	6,750	1,754	4,996	1,502	3,681	4,202	996	3,206
1941.....	36,554	15,939	957	1,790	13,192	20,614	3,274	7,210	1,873	5,338	1,549	3,921	4,660	1,340	3,320
1942.....	40,125	18,442	992	2,170	15,280	21,683	3,460	7,118	1,821	5,297	1,538	4,084	5,483	2,213	3,270
1943.....	42,452	20,094	925	1,567	17,602	22,359	3,647	6,982	1,741	5,241	1,502	4,148	6,080	2,905	3,174
1944.....	41,883	19,314	892	1,094	17,328	22,569	3,829	7,058	1,762	5,296	1,476	4,163	6,043	2,928	3,116
1945.....	40,394	17,492	836	1,132	15,524	22,902	3,906	7,314	1,862	5,452	1,497	4,241	5,944	2,808	3,137
1946.....	41,674	17,226	862	1,661	14,703	24,448	4,061	8,376	2,190	6,186	1,697	4,719	5,595	2,254	3,341
1947.....	43,881	18,482	955	1,982	15,545	25,399	4,166	8,955	2,361	6,595	1,754	5,050	5,474	1,892	3,582
1948.....	44,891	18,745	994	2,169	15,582	26,146	4,189	9,272	2,489	6,783	1,829	5,206	5,650	1,863	3,787
1949.....	43,778	17,536	930	2,165	14,441	26,242	4,001	9,264	2,487	6,778	1,857	5,264	5,856	1,908	3,948
1950.....	45,222	18,475	901	2,333	15,241	26,747	4,034	9,386	2,518	6,868	1,919	5,382	6,026	1,928	4,098
1951.....	47,849	19,925	929	2,603	16,393	27,924	4,226	9,742	2,606	7,136	1,991	5,576	6,389	2,302	4,087
1952.....	48,825	20,164	898	2,634	16,632	28,660	4,248	10,004	2,687	7,317	2,069	5,730	6,609	2,420	4,188
1953.....	50,232	21,038	866	2,623	17,549	29,195	4,290	10,247	2,727	7,520	2,146	5,867	6,645	2,305	4,340
1954.....	49,022	19,717	791	2,612	16,314	29,306	4,084	10,235	2,739	7,496	2,234	6,002	6,751	2,188	4,563
1955.....	50,675	20,476	792	2,802	16,882	30,199	4,141	10,535	2,796	7,740	2,335	6,274	6,914	2,187	4,727
1956.....	52,408	21,064	822	2,999	17,243	31,344	4,244	10,858	2,884	7,974	2,429	6,536	7,277	2,209	5,069
1957.....	52,894	20,925	828	2,923	17,174	31,969	4,241	10,886	2,893	7,992	2,477	6,749	7,616	2,217	5,399
1958.....	51,363	19,474	751	2,778	15,945	31,890	3,976	10,750	2,848	7,902	2,519	6,806	7,839	2,191	5,648
1959.....	53,313	20,367	732	2,960	16,675	32,945	4,011	11,127	2,946	8,182	2,594	7,130	8,083	2,233	5,850
1960.....	54,234	20,393	712	2,885	16,796	33,840	4,004	11,391	3,004	8,388	2,669	7,423	8,353	2,270	6,083
1961.....	54,042	19,814	672	2,816	16,326	34,229	3,903	11,337	2,993	8,344	2,731	7,664	8,594	2,279	6,315
1962.....	55,596	20,405	650	2,902	16,853	35,190	3,906	11,566	3,056	8,511	2,800	8,028	8,890	2,340	6,550
1963.....	56,702	20,593	635	2,963	16,995	36,108	3,903	11,778	3,104	8,675	2,877	8,325	9,225	2,358	6,868
1964.....	58,331	20,958	634	3,050	17,274	37,373	3,951	12,160	3,189	8,971	2,957	8,709	9,596	2,348	7,248
1965.....	60,815	21,880	632	3,186	18,062	38,936	4,036	12,716	3,312	9,404	3,023	9,087	10,074	2,378	7,696
1966.....	63,955	23,116	627	3,275	19,214	40,839	4,151	13,245	3,437	9,808	3,100	9,551	10,792	2,564	8,227
1967.....	65,857	23,268	613	3,208	19,447	42,589	4,261	13,606	3,525	10,081	3,225	10,099	11,398	2,719	8,679
1968.....	67,951	23,693	606	3,306	19,781	44,258	4,311	14,099	3,611	10,488	3,381	10,622	11,845	2,737	9,109
1969.....	70,442	24,311	619	3,525	20,167	46,130	4,435	14,704	3,733	10,971	3,562	11,228	12,202	2,758	9,444
1970.....	70,920	23,507	623	3,536	19,349	47,412	4,504	15,040	3,816	11,225	3,687	11,621	12,561	2,731	9,830
1971.....	71,222	22,820	609	3,639	18,572	48,401	4,457	15,352	3,823	11,529	3,802	11,903	12,887	2,696	10,192
1972.....	73,714	23,546	625	3,831	19,090	50,167	4,517	15,975	3,943	12,032	3,943	12,392	13,340	2,684	10,656
1973.....	76,896	24,727	644	4,015	20,068	52,169	4,644	16,674	4,107	12,568	4,091	13,021	13,739	2,663	11,075
1974.....	78,413	24,697	694	3,957	20,046	53,715	4,696	17,017	4,223	12,794	4,208	13,617	14,177	2,724	11,453
1975.....	77,051	22,603	745	3,512	18,347	54,448	4,498	17,000	4,177	12,824	4,223	14,006	14,720	2,748	11,973
1976 ^p	79,441	23,332	783	3,594	18,956	56,109	4,508	17,694	4,263	13,431	4,315	14,643	14,949	2,733	12,215
1976:															
Jan.....	77,334	22,479	756	3,228	18,495	54,855	4,440	17,205	4,189	13,016	4,223	14,084	14,903	2,724	12,179
Feb.....	77,586	22,482	752	3,185	18,545	55,104	4,445	17,109	4,189	12,920	4,228	14,224	15,098	2,726	12,372
Mar.....	78,169	22,723	759	3,285	18,679	55,446	4,462	17,216	4,194	13,022	4,246	14,344	15,178	2,724	12,454
Apr.....	78,976	23,047	766	3,468	18,813	55,929	4,474	17,490	4,212	13,278	4,276	14,536	15,153	2,730	12,423
May.....	79,424	23,245	775	3,598	18,872	56,179	4,494	17,606	4,228	13,378	4,278	14,654	15,147	2,735	12,412
June.....	80,142	23,662	795	3,750	19,117	56,480	4,531	17,757	4,280	13,477	4,344	14,815	15,033	2,758	12,275
July.....	79,242	23,446	804	3,821	18,821	55,796	4,540	17,723	4,297	13,426	4,368	14,825	14,340	2,775	11,565
Aug.....	79,555	23,806	766	3,869	19,171	55,749	4,528	17,754	4,302	13,452	4,368	14,869	14,230	2,754	11,476
Sept.....	80,277	24,027	804	3,815	19,408	56,250	4,560	17,870	4,300	13,570	4,347	14,813	14,660	2,717	11,943
Oct.....	80,572	23,804	804	3,815	19,185	56,768	4,538	17,922	4,322	13,600	4,355	14,849	15,104	2,711	12,393
Nov.....	80,943	23,781	807	3,742	19,232	57,162	4,546	18,122	4,321	13,801	4,368	14,858	15,268	2,720	12,548
Dec ^p	81,074	23,483	805	3,548	19,130	57,591	4,538	18,556	4,327	14,229	4,384	14,843	15,270	2,725	12,545
1977:															
Jan ^p	79,465	22,966	803	3,180	18,983	56,499	4,500	17,785	4,287	13,498	4,375	14,734	15,105	2,714	12,391

p = preliminary.

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

ESTABLISHMENT DATA EMPLOYMENT

B-2. Employees on nonagricultural payrolls, by industry

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p
-	TOTAL	78,778	77,334	80,943	81,074	79,465	-	-	-	-	-
-	PRIVATE SECTOR	63,693	62,431	65,675	65,804	64,360	52,453	51,199	54,090	54,184	52,722
-	MINING	763	756	807	805	803	580	573	614	611	605
10	METAL MINING	91.3	89.2	95.3	94.0	-	70.7	68.5	74.0	72.4	-
101	Iron ores	23.5	23.5	25.5	24.9	-	18.8	18.7	20.6	19.9	-
102	Copper ores	36.2	34.3	36.9	35.9	-	27.8	25.9	28.5	27.5	-
11,12	COAL MINING	212.1	212.8	222.4	223.2	-	181.8	182.9	190.0	190.6	-
12	Bituminous coal and lignite mining	208.2	208.9	218.5	219.3	-	178.4	179.5	186.6	187.2	-
13	OIL AND GAS EXTRACTION	348.4	347.7	373.0	375.3	-	240.3	239.4	257.6	259.1	-
131,2	Crude petroleum and natural gas fields	161.8	160.2	166.5	167.6	-	82.7	81.6	82.6	83.5	-
138	Oil and gas field services	186.6	187.5	206.5	207.7	-	157.6	157.8	175.0	175.6	-
14	NONMETALLIC MINERALS, EXCEPT FUELS	110.9	105.8	116.7	112.2	-	86.8	82.0	92.6	88.4	-
142	Crushed and broken stone	37.7	34.8	41.2	38.8	-	30.2	27.3	34.1	31.8	-
144	Sand and gravel	32.7	31.2	36.4	33.6	-	-	-	-	-	-
-	CONTRACT CONSTRUCTION	3,514	3,228	3,742	3,548	3,180	2,776	2,498	3,003	2,801	2,433
15	GENERAL BUILDING CONTRACTORS	1,069.3	986.6	1,125.3	1,073.9	-	829.5	752.7	890.4	839.0	-
16	HEAVY CONSTRUCTION CONTRACTORS	660.0	564.4	753.4	666.6	-	533.8	441.7	622.8	530.9	-
161	Highway and street construction	264.0	203.8	323.2	261.9	-	218.0	159.9	277.7	211.6	-
162	Heavy construction, nec	396.0	360.6	430.2	404.7	-	315.8	281.8	345.1	319.3	-
17	SPECIAL TRADE CONTRACTORS	1,784.6	1,676.9	1,863.7	1,807.3	-	1,413.0	1,303.4	1,489.5	1,431.3	-
171	Plumbing, heating, air conditioning	426.0	416.5	437.4	432.8	-	324.2	314.6	333.4	327.7	-
172	Painting, paper hanging, decorating	118.0	107.6	138.6	130.8	-	99.9	89.2	117.7	110.1	-
173	Electrical work	330.7	321.6	327.7	326.4	-	259.0	248.7	257.4	255.4	-
174	Masonry, stonework, and plastering	194.4	178.6	202.6	194.7	-	167.8	151.7	177.0	168.6	-
176	Roofing and sheet metal work	127.1	112.6	138.1	132.3	-	102.4	88.5	113.9	107.9	-
-	MANUFACTURING	18,584	18,495	19,232	19,130	18,983	13,329	13,243	13,839	13,739	13,617
19,24,25, 32-39	DURABLE GOODS	10,735	10,717	11,218	11,191	11,126	7,625	7,604	8,021	7,992	7,936
20-23, 26-31	NONDURABLE GOODS	7,849	7,778	8,014	7,939	7,857	5,704	5,639	5,818	5,747	5,681
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	163.6	162.8	156.3	157.2	157.4	74.4	73.8	70.2	70.8	72.9
192	Ammunition, except for small arms	108.6	107.7	102.3	103.0	102.9	39.2	38.7	36.2	36.9	36.6
1925	Complete guided missiles	89.0	88.3	84.5	84.9	-	24.8	24.5	23.2	23.5	-
1929	Ammunition, exc. for small arms, nec	19.6	19.4	17.8	18.1	-	14.4	14.2	13.0	13.4	-
24	LUMBER AND WOOD PRODUCTS	569.5	569.1	617.0	613.7	598.6	474.4	473.8	519.3	516.1	502.8
241	Logging camps and logging contractors	72.3	71.3	76.3	75.3	(*)	-	-	-	-	-
242	Sawmills and planing mills	200.7	200.9	211.6	211.1	208.0	177.7	177.5	188.1	187.4	183.0
2421	Sawmills and planing mills, general	170.8	171.0	179.8	179.4	-	151.0	150.8	159.8	159.1	-
243	Millwork, plywood and related products	185.3	185.8	210.0	208.6	206.0	151.6	152.9	173.9	172.4	171.5
2431	Millwork	83.7	84.3	94.3	93.8	-	67.9	68.6	77.0	76.5	-
2432	Veneer and plywood	68.9	69.6	75.8	75.8	-	61.1	62.0	67.6	67.6	-
244	Wooden containers	21.2	20.9	21.5	21.1	20.2	18.7	18.4	19.0	18.6	17.7
2441,2	Wooden boxes, shooks, and crates	17.1	16.8	17.3	17.1	-	15.2	14.8	15.3	15.2	-
249	Miscellaneous wood products	90.0	90.2	97.6	97.6	96.5	72.1	71.9	78.8	79.1	78.2

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
DURABLE GOODS—Continued											
25	FURNITURE AND FIXTURES	475.8	476.5	498.1	495.5	491.2	389.0	390.1	410.4	408.2	402.2
251	Household furniture	344.9	345.9	360.9	358.5	355.7	291.0	292.3	306.5	304.6	300.7
2511	Wood household furniture	175.6	176.6	186.2	183.9	—	154.1	155.1	163.6	162.1	—
2512	Upholstered household furniture	101.1	100.7	105.3	105.3	—	83.7	83.6	87.5	87.6	—
2515	Mattresses and bedsprings	33.9	33.5	33.3	32.7	—	25.8	25.4	25.7	25.0	—
252	Office furniture	36.4	36.6	40.5	40.7	—	28.5	28.5	32.9	33.0	—
254	Partitions and fixtures	50.2	50.0	52.6	51.7	—	37.1	37.1	39.2	38.3	—
253,9	Other furniture and fixtures	44.3	44.0	44.1	44.6	44.2	32.4	32.2	31.8	32.3	31.7
STONE, CLAY, AND GLASS PRODUCTS ...											
32	STONE, CLAY, AND GLASS PRODUCTS ...	608.1	595.6	640.9	625.5	619.1	482.2	470.4	511.4	495.2	489.0
321	Flat glass	16.6	16.6	16.7	16.6	—	13.2	13.2	13.5	13.4	—
322	Glass and glassware, pressed or blown	128.5	126.8	134.6	131.3	(*)	110.7	109.0	116.3	112.9	(*)
3221	Glass containers	75.1	73.6	78.7	77.2	—	66.1	64.5	69.5	68.1	—
3229	Pressed and blown glass, nec	53.4	53.2	55.9	54.1	—	44.6	44.5	46.8	44.8	—
324	Cement, hydraulic	27.7	28.1	29.9	29.4	29.2	21.4	22.0	23.7	23.1	22.7
325	Structural clay products	46.8	45.3	48.6	47.2	46.2	37.4	36.0	38.8	37.5	36.3
3251	Brick and structural clay tile	20.5	19.6	21.5	20.4	—	17.1	16.1	17.7	16.8	—
326	Pottery and related products	42.6	42.6	44.2	42.7	—	35.9	35.9	37.6	36.0	—
327	Concrete, gypsum, and plaster products	181.3	172.1	194.6	186.0	175.0	139.4	130.6	151.1	143.2	132.7
328,9	Other stone and nonmetallic mineral products	128.8	127.8	134.3	134.5	132.7	96.8	95.9	101.6	101.2	99.1
3291	Abrasive products	23.8	24.0	24.6	24.5	—	16.7	16.8	17.5	17.2	—
PRIMARY METAL INDUSTRIES											
33	PRIMARY METAL INDUSTRIES	1,152.5	1,156.3	1,182.8	1,181.4	1,177.8	898.2	901.7	924.6	923.7	924.2
331	Blast furnace and basic steel products	519.1	522.1	532.2	530.5	(*)	402.1	405.1	412.5	410.8	(*)
3312	Blast furnaces and steel mills	448.8	452.0	459.7	458.0	—	349.0	352.2	358.0	356.3	—
332	Iron and steel foundries	219.4	218.9	215.9	216.8	215.4	180.5	180.1	176.9	178.1	176.9
3321	Gray iron foundries	136.6	136.7	138.7	139.2	—	114.3	114.4	115.5	116.2	—
3322	Malleable iron foundries	20.9	20.9	20.1	20.0	—	16.6	16.6	16.2	16.1	—
3323	Steel foundries	61.9	61.3	57.1	57.6	—	49.6	49.1	45.2	45.8	—
333,4	Nonferrous metals	82.2	81.9	85.6	85.6	85.8	62.4	61.8	65.5	65.4	65.0
3334	Primary aluminum	30.4	30.4	34.6	34.8	—	24.3	24.1	28.0	28.2	—
335	Nonferrous rolling and drawing	186.0	187.2	195.8	195.5	194.2	136.3	137.0	145.4	145.2	144.3
3351	Copper rolling and drawing	34.0	34.0	35.9	35.8	—	25.7	25.6	27.0	27.2	—
3352	Aluminum rolling and drawing	57.3	56.7	62.3	61.7	—	40.4	40.0	45.3	44.9	—
3357	Nonferrous wire drawing and insulating	77.4	76.8	78.0	78.2	—	57.9	57.3	58.9	58.9	—
336	Nonferrous foundries	75.7	75.7	80.7	80.5	80.8	62.2	62.6	66.8	66.6	67.1
3361	Aluminum castings	40.7	40.8	44.5	44.6	—	33.8	34.1	37.4	37.4	—
3362,9	Other nonferrous castings	35.0	34.9	36.2	35.9	—	28.4	28.5	29.4	29.2	—
339	Miscellaneous primary metal products	70.1	70.5	72.6	72.5	71.8	54.7	55.1	57.5	57.6	56.8
3391	Iron and steel forgings	46.1	46.5	46.8	46.8	—	36.1	36.5	37.3	37.4	—
FABRICATED METAL PRODUCTS											
34	FABRICATED METAL PRODUCTS	1,350.7	1,347.1	1,411.4	1,410.6	1,403.7	1,013.2	1,009.9	1,065.9	1,066.1	1,057.2
341	Metal cans	59.9	60.8	60.3	59.7	59.3	51.1	52.1	51.7	50.8	50.2
342	Cutlery, hand tools, and hardware	160.0	160.3	172.8	172.9	(*)	122.7	123.0	134.0	135.5	(*)
3421,3,5	Cutlery and hand tools, including saws	68.6	68.4	71.6	71.7	—	52.1	52.0	54.5	56.0	—
3429	Hardware, nec	91.4	91.9	101.2	101.2	—	70.6	71.0	79.5	79.5	—
343	Plumbing and heating, except electric	67.4	66.6	71.4	71.1	70.9	49.4	48.6	52.9	52.6	52.6
3431,2	Sanitary ware and plumbers' brass goods	30.1	30.6	31.9	31.3	—	23.0	23.4	24.3	23.8	—
3433	Heating equipment, except electric	37.3	36.0	39.5	39.8	—	26.4	25.2	28.6	28.8	—
344	Fabricated structural metal products	447.3	442.7	455.6	454.1	448.7	310.6	306.3	316.6	315.3	310.4
3441	Fabricated structural steel	102.6	101.1	98.4	98.0	—	73.4	71.8	69.3	69.1	—
3442	Metal doors, sash, and trim	67.6	65.5	73.1	71.5	—	48.8	47.7	54.2	52.6	—
3443	Fabricated plate work (boiler shops)	141.1	141.0	137.8	138.3	—	93.5	93.1	89.1	89.6	—
3444	Sheet metal work	81.9	81.0	88.3	88.7	—	58.5	57.3	64.0	64.4	—
3446,9	Architectural and miscellaneous metal work	54.1	54.1	58.0	57.6	—	36.4	36.4	40.0	39.6	—
345	Screw machine products, bolts, etc	92.8	93.1	101.2	102.0	102.6	71.3	71.4	78.8	79.3	79.7
3451	Screw machine products	42.9	43.0	47.9	48.6	—	35.0	35.0	39.4	40.0	—
3452	Bolts, nuts, rivets, and washers	49.9	50.1	53.3	53.4	—	36.3	36.4	39.4	39.3	—
346	Metal stampings	220.2	221.0	230.1	230.6	(*)	178.4	178.5	187.3	188.2	(*)
347	Metal services, nec	84.7	84.5	92.7	91.7	90.6	68.8	68.7	76.0	74.9	73.6
348	Miscellaneous fabricated wire products	57.2	57.4	59.2	58.9	(*)	45.1	45.1	46.6	46.0	(*)
349	Miscellaneous fabricated metal products	161.2	160.7	168.1	169.6	170.2	115.8	116.2	122.0	123.5	123.1
3494,8	Valves, pipe, and pipe fittings	106.4	106.7	110.1	110.8	—	72.7	73.2	75.8	76.4	—

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
	DURABLE GOODS—Continued										
35	MACHINERY, EXCEPT ELECTRICAL	2,038.4	2,041.0	2,110.6	2,121.3	2,130.1	1,319.4	1,321.2	1,363.4	1,372.6	1,386.0
351	Engines and turbines	111.3	113.0	113.7	114.5	114.6	73.6	73.4	73.5	74.1	75.9
3511	Steam engines and turbines	43.1	43.2	43.0	43.3	—	23.0	23.1	22.9	22.8	—
3519	Internal combustion engines, nec	70.2	69.8	70.7	71.2	—	50.6	50.3	50.6	51.3	—
352	Farm machinery	146.1	147.9	147.0	146.5	—	101.9	104.1	103.0	102.1	—
353	Construction and related machinery	341.5	339.4	335.5	336.7	(*)	223.9	222.2	214.6	216.1	(*)
3531,2	Construction and mining machinery	185.3	183.4	173.2	173.9	—	121.5	120.1	109.5	110.9	—
3533	Oil field machinery	68.5	68.9	69.9	69.9	—	49.6	49.7	49.2	49.0	—
3535,6	Conveyors, hoists, cranes, monorails	45.1	45.3	49.0	48.6	—	27.7	27.8	29.4	28.6	—
3537	Industrial trucks and tractors	28.9	28.6	31.6	32.1	—	17.9	17.8	20.6	21.1	—
354	Metal working machinery	301.4	303.2	317.8	321.0	321.4	218.8	220.1	232.7	235.2	236.0
3541	Machine tools, metal cutting types	58.3	59.6	61.8	62.4	—	37.6	38.9	40.3	40.0	—
3544	Special dies, tools, jigs, and fixtures	116.8	117.8	126.0	127.9	—	93.4	93.8	101.4	103.1	—
3545	Machine tool accessories	52.9	52.9	55.8	56.2	—	37.6	37.6	39.8	40.2	—
3542,8	Miscellaneous metal working machinery	73.4	72.9	74.2	74.5	—	50.2	49.8	51.2	51.9	—
355	Special industry machinery	174.9	174.8	178.2	178.1	178.1	111.4	111.0	113.4	113.9	113.5
3551	Food products machinery	40.1	40.2	41.5	41.5	—	25.7	25.9	26.7	26.8	—
3552	Textile machinery	31.0	31.0	31.2	31.1	—	22.2	22.1	22.4	22.5	—
3555	Printing trades machinery	25.2	25.2	25.5	25.4	—	15.3	15.2	14.7	14.8	—
356	General industrial machinery	281.0	280.9	290.9	291.7	(*)	184.0	183.9	189.9	190.8	(*)
3561	Pumps and compressors	80.4	80.5	83.2	83.6	—	47.7	48.0	49.8	50.0	—
3562	Ball and roller bearings	52.8	52.9	54.9	54.6	—	40.0	40.1	42.2	41.7	—
3564	Blowers and fans	32.4	32.2	35.2	35.1	—	20.7	20.6	22.1	22.2	—
3566	Power transmission equipment	47.9	47.8	45.6	46.0	—	34.2	33.9	31.7	32.2	—
357	Office and computing machines	282.3	281.7	303.5	305.9	(*)	113.2	112.4	122.9	124.1	(*)
3573	Electronic computing equipment	211.9	211.4	229.0	231.7	—	70.8	70.4	79.4	80.6	—
358	Service industry machines	151.0	154.1	165.9	167.3	(*)	103.3	105.9	115.4	116.6	(*)
3585	Refrigeration machinery	105.0	107.5	115.7	116.5	—	73.0	75.5	82.6	83.2	—
359	Miscellaneous machinery, except electrical	246.9	246.0	258.1	259.6	(*)	189.3	188.2	198.0	199.7	(*)
36	ELECTRICAL EQUIPMENT AND SUPPLIES	1,785.1	1,779.8	1,878.6	1,876.6	1,869.3	1,171.4	1,166.3	1,248.9	1,247.5	1,232.1
361	Electric test and distributing equipment	190.5	190.1	195.2	196.5	(*)	125.8	125.9	131.2	132.3	(*)
3611	Electric measuring instruments	67.7	68.5	72.1	72.1	—	40.5	40.9	43.5	43.9	—
3612	Transformers	49.0	48.6	46.9	48.4	—	34.5	34.3	33.4	34.4	—
3613	Switchgear and switchboard apparatus	73.8	73.0	76.2	76.0	—	50.8	50.7	54.3	54.0	—
362	Electrical industrial apparatus	204.1	204.5	216.9	218.8	217.3	142.9	143.7	154.6	156.6	155.7
3621	Motors and generators	101.5	101.9	106.2	106.9	—	75.1	75.5	79.1	80.1	—
3622	Industrial controls	64.1	64.1	68.8	69.8	—	41.1	41.3	45.6	46.2	—
363	Household appliances	160.3	160.0	167.2	164.4	(*)	124.0	123.5	129.7	127.8	(*)
3632	Household refrigerators and freezers	36.5	37.4	33.4	33.9	—	27.9	28.8	24.6	25.0	—
3633	Household laundry equipment	23.7	23.6	24.4	23.1	—	18.1	18.1	19.4	17.9	—
3634	Electric lightings and fans	46.9	46.1	51.6	50.2	—	36.7	35.9	40.8	40.4	—
364	Electric housing and wiring equipment	187.5	186.9	201.1	201.0	198.2	142.9	142.2	154.5	154.4	152.3
3641	Electric lamps	35.7	35.4	37.5	38.0	—	31.9	31.4	33.2	33.7	—
3642	Lighting fixtures	61.6	61.3	65.7	65.1	—	46.9	46.7	51.3	50.5	—
3643,4	Wiring devices	90.2	90.2	97.9	97.9	—	64.1	64.1	70.0	70.2	—
365	Radio and TV receiving equipment	127.1	124.4	133.3	129.5	126.7	92.6	90.1	97.5	94.2	92.2
366	Communication equipment	421.6	521.4	426.2	428.0	(*)	209.6	208.5	213.3	214.7	(*)
3661	Telephone and telegraph apparatus	133.8	132.6	138.0	139.1	—	86.2	84.0	92.5	93.9	—
3662	Radio and TV communication equipment	287.8	288.8	288.2	288.9	—	123.4	124.5	120.8	120.8	—
367	Electronic components and accessories	357.8	357.1	386.0	385.6	(*)	228.1	228.1	249.3	247.9	(*)
3671,3	Electron tubes	43.1	42.1	42.8	41.6	—	28.2	27.5	27.8	26.9	—
3674,9	Other electronic components	314.7	315.0	343.2	344.0	—	199.7	200.6	221.5	221.0	—
369	Miscellaneous electrical equipment and supplies	136.2	135.4	152.7	152.8	152.0	105.5	104.3	118.8	119.6	119.5
3694	Engine electrical equipment	70.2	69.6	79.9	80.6	—	55.5	54.7	63.9	64.7	—
37	TRANSPORTATION EQUIPMENT	1,691.2	1,693.0	1,776.9	1,778.5	1,753.8	1,194.9	1,193.3	1,263.4	1,262.4	1,246.8
371	Motor vehicles and equipment	820.3	824.0	887.0	891.0	(*)	640.4	642.1	694.7	697.7	(*)
3711	Motor vehicles	341.2	346.6	372.9	375.0	—	254.3	258.4	281.1	282.6	—
3712	Passenger car bodies	46.6	46.6	49.2	49.3	—	37.9	36.9	39.0	39.2	—
3713	Truck and bus bodies	38.0	37.2	39.8	39.5	—	29.2	28.5	30.3	30.2	—
3714	Motor vehicle parts and accessories	376.8	375.3	401.6	403.5	—	306.7	305.2	326.4	327.6	—
3715	Truck trailers	17.7	18.3	23.5	23.7	—	12.3	13.1	17.9	18.1	—
372	Aircraft and parts	502.7	500.1	483.5	484.7	(*)	265.3	262.6	248.3	248.7	(*)
3721	Aircraft	270.4	269.0	261.3	262.0	—	132.3	130.2	123.0	123.0	—
3722	Aircraft engines and engine parts	135.9	135.5	131.9	132.2	—	74.3	73.9	71.1	71.5	—
3723,9	Other aircraft parts and equipment	96.4	95.6	90.3	90.5	—	58.7	58.5	54.2	54.2	—
373	Ship and boat building and repairing	204.9	206.3	220.6	220.6	(*)	163.4	164.3	175.4	175.0	(*)
3731	Ship building and repairing	162.9	162.7	171.8	171.3	—	129.0	128.7	135.5	134.6	—

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
	DURABLE GOODS—Continued										
	TRANSPORTATION EQUIPMENT—Continued										
3732	Boat building and repairing	42.3	43.6	48.8	49.3	—	34.4	35.6	39.9	40.4	—
374	Railroad equipment	48.4	46.5	44.5	45.5	—	36.3	34.5	32.7	33.7	—
375,9	Other transportation equipment	114.9	116.1	141.3	136.7	—	89.5	89.8	112.3	107.3	—
38	INSTRUMENTS AND RELATED PRODUCTS	495.0	495.4	517.4	518.6	520.3	298.7	299.5	315.6	316.9	316.2
381	Engineering and scientific instruments	59.7	59.6	58.6	58.7	—	29.4	29.1	27.9	28.0	—
382	Mechanical measuring and control devices	112.7	113.5	119.3	119.6	(*)	71.5	72.0	76.0	76.5	(*)
3821	Mechanical measuring devices	75.2	75.6	78.4	78.8	—	44.5	44.6	47.1	47.6	—
3822	Automatic temperature controls	37.5	37.9	40.9	40.8	—	27.0	27.4	28.9	28.9	—
383,5	Optical and ophthalmic goods	61.2	61.2	66.2	66.8	66.4	41.5	41.7	45.1	45.5	46.5
385	Ophthalmic goods	40.1	40.0	42.5	42.6	—	29.4	29.2	31.0	31.1	—
384	Medical instruments and supplies	105.1	105.4	111.5	112.0	(*)	70.0	70.6	74.7	75.2	(*)
386	Photographic equipment and supplies	125.8	126.2	131.4	131.0	130.6	62.1	62.6	67.8	67.6	63.7
387	Watches, clocks, and watchcases	30.5	29.5	30.4	30.5	—	24.2	23.5	24.1	24.1	—
	MISCELLANEOUS MANUFACTURING INDUSTRIES	405.5	399.9	427.9	411.9	405.1	309.0	303.6	327.8	312.7	307.0
391	Jewelry, silverware, and plated ware	53.1	51.4	56.2	55.5	53.8	39.4	37.6	41.6	41.0	39.3
394	Toys and sporting goods	105.4	104.6	124.9	112.3	—	79.1	78.6	97.2	85.4	—
3941-3	Games, toys, dolls, and play vehicles	53.6	52.7	68.6	55.9	—	38.0	37.3	51.9	39.8	—
3949	Sporting and athletic goods, nec	51.8	51.9	56.3	56.4	—	41.1	41.3	45.3	45.6	—
395	Pens, pencils, office, and art supplies	34.4	34.4	33.9	33.5	—	24.4	24.3	23.9	23.7	—
396	Costume jewelry and notions	37.3	54.0	52.9	52.9	—	47.2	43.7	42.9	42.7	—
393,9	Other manufacturing industries	155.3	155.5	160.0	157.7	(*)	118.9	119.4	122.2	119.9	(*)
393	Musical instruments and parts	24.2	24.4	23.7	23.7	—	20.1	20.2	19.3	19.3	—
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	1,674.7	1,637.2	1,733.5	1,693.7	1,657.8	1,133.5	1,099.1	1,184.4	1,145.8	1,115.9
201	Meat products	347.2	340.8	363.5	362.0	355.9	285.5	279.0	300.2	298.5	293.3
2011	Meat packing plants	169.7	168.2	175.5	175.0	—	137.1	135.6	141.6	140.7	—
2013	Sausages and other prepared meats	66.4	66.1	67.7	67.9	—	47.0	46.5	48.3	49.0	—
2015	Poultry dressing plants	111.1	106.5	120.3	119.1	—	101.4	96.9	110.3	108.8	—
202	Dairy products	191.8	189.9	191.0	190.7	188.8	98.1	97.6	98.7	97.4	97.1
2024	Ice cream and frozen desserts	20.9	21.0	20.8	20.9	—	11.0	11.3	10.9	10.4	—
2026	Fluid milk	125.4	124.0	123.9	123.8	—	53.1	53.0	52.9	52.6	—
203	Canned, cured, and frozen foods	264.2	251.5	291.7	258.5	—	316.0	204.1	241.4	208.6	—
2031,6	Canned, cured, and frozen sea foods	45.4	43.9	46.0	43.3	—	38.9	38.2	40.2	37.4	—
2032,3	Canned food, except sea foods	102.4	103.0	125.9	107.8	—	83.0	78.8	100.3	82.4	—
2037	Frozen fruits and vegetables	67.0	62.1	72.8	64.7	—	58.9	53.9	64.0	56.0	—
204	Grain mill products	140.0	139.3	146.5	147.9	148.9	98.8	97.8	101.7	102.7	103.3
2041	Flour and other grain mill products	26.2	26.1	27.3	27.6	—	19.0	18.7	19.6	19.5	—
2042	Prepared feeds for animals and fowls	72.7	72.5	75.3	76.3	—	48.7	48.5	49.0	50.1	—
205	Bakery products	239.0	236.1	242.9	242.4	238.7	137.4	134.9	140.9	140.4	136.6
2051	Bread, cake, and related products	198.0	195.5	201.5	200.9	—	104.9	102.8	107.8	107.4	—
2052	Cookies and crackers	41.0	40.6	41.4	41.5	—	32.5	32.1	33.1	33.0	—
206	Sugar	43.2	40.6	42.8	40.1	—	34.6	32.0	34.6	32.8	—
207	Confectionery and related products	78.2	75.5	80.9	81.1	(*)	60.2	57.7	62.3	62.6	(*)
2071	Confectionery products	58.6	56.0	60.1	60.1	—	46.1	43.7	47.4	47.7	—
208	Beverages	223.3	217.5	226.5	224.5	(*)	107.3	102.3	108.8	107.0	(*)
2082	Malt liquors	50.0	48.0	49.3	48.6	—	33.2	31.8	35.2	34.6	—
2086	Bottled and canned soft drinks	126.9	125.8	131.8	131.7	—	46.1	45.2	47.2	47.2	—
209	Miscellaneous foods and kindred products	147.8	146.0	147.7	146.5	143.8	95.6	93.7	95.8	95.8	94.7
21	TOBACCO MANUFACTURES	83.7	79.1	81.8	78.4	73.6	70.2	65.8	68.7	65.7	60.9
211	Cigarettes	46.4	46.1	45.0	45.3	—	37.9	37.7	36.8	37.2	—
212	Cigars	11.3	11.1	10.1	10.0	—	9.9	9.8	8.7	8.7	—
22	TEXTILE MILL PRODUCTS	957.4	955.6	964.6	964.0	962.9	836.5	834.4	839.6	839.9	837.6
221	Weaving mills, cotton	174.0	173.9	175.3	175.1	174.9	158.4	158.2	159.1	158.8	158.4
222	Weaving mills, synthetics	121.4	121.9	123.0	123.5	123.7	108.7	109.1	109.6	110.3	110.0
223	Weaving and finishing mills, wool	21.9	22.1	22.3	22.9	23.2	18.2	18.3	18.6	19.2	19.6
224	Narrow fabric mills	25.5	25.8	25.7	25.6	25.9	22.2	22.4	22.3	22.2	22.1
225	Knitting mills	253.7	251.8	258.5	256.6	254.9	218.1	215.9	221.1	220.2	218.8
2251	Women's hosiery, except socks	38.6	38.2	39.3	39.4	—	34.1	33.7	34.5	34.6	—
2252	Hosiery, nec	33.5	33.4	34.1	34.0	—	29.7	29.7	30.1	30.3	—
2253	Knit outerwear mills	73.7	71.6	78.1	75.8	—	62.2	59.8	66.0	64.2	—
2254	Knit underwear mills	38.0	38.1	39.6	39.6	—	33.2	33.5	34.2	34.4	—

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹					
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	
	NONDURABLE GOODS—Continued											
	TEXTILE MILL PRODUCTS—Continued											
226	Textile finishing, except wool	82.4	82.4	79.7	79.4	78.9	70.1	70.2	67.5	67.3	66.9	
227	Floor covering mills	59.7	58.7	60.9	60.8	—	47.4	46.4	48.2	48.3	—	
228	Yarn and thread mills	153.0	153.3	152.1	153.1	153.7	139.7	140.2	139.2	139.6	140.3	
229	Miscellaneous textile goods	65.8	65.7	67.1	67.0	66.1	53.7	53.7	54.0	54.0	52.7	
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,295.0	1,284.7	1,293.6	1,266.8	1,250.9	1,117.0	1,106.0	1,109.6	1,085.4	1,070.3	
231	Men's and boys' suits and coats	87.5	87.9	89.3	89.6	88.9	76.5	76.9	78.6	79.1	78.9	
232	Men's and boys' furnishings	375.6	376.3	380.7	377.1	373.9	322.7	323.4	325.0	321.0	317.6	
2321	Men's and boys' shirts and nightwear	116.3	115.9	116.8	114.7	—	101.7	101.2	101.6	99.6	—	
2327	Men's and boys' separate trousers	86.3	86.6	84.7	85.4	—	75.8	76.1	73.5	74.2	—	
2328	Men's and boys' work clothing	92.1	92.9	94.4	94.6	—	76.2	77.0	77.1	77.3	—	
233	Women's and misses' outerwear	397.9	393.5	380.2	367.2	362.9	349.8	345.5	332.1	320.6	316.8	
2331	Women's and misses' blouses and waists	50.4	50.9	47.1	45.9	—	44.5	45.0	41.6	40.5	—	
2335	Women's and misses' dresses	172.8	169.8	165.7	158.5	—	155.3	152.0	147.2	141.0	—	
2337	Women's and misses' suits and coats	58.8	56.5	56.5	52.6	—	49.8	47.7	48.0	44.1	—	
2339	Women's and misses' outerwear, nec	115.9	116.3	110.9	110.2	—	100.2	100.8	95.3	95.0	—	
234	Women's and children's undergarments	100.8	98.3	102.0	99.5	98.2	85.6	83.5	86.4	84.2	83.1	
2341	Women's and children's underwear	76.0	73.9	77.0	74.9	—	65.6	63.8	66.5	64.6	—	
2342	Corsets and allied garments	24.8	24.4	25.0	24.6	—	20.0	19.7	19.9	19.6	—	
235	Hats, caps, and millinery	15.4	15.6	15.9	16.2	—	13.6	13.7	13.8	14.2	—	
236	Children's outerwear	74.7	76.0	75.8	72.5	73.2	64.7	65.5	65.0	61.8	61.9	
2361	Children's dresses and blouses	30.6	30.7	30.9	30.4	—	27.7	27.6	27.9	27.4	—	
237,8	Fur goods and miscellaneous apparel	65.0	64.5	68.2	65.8	—	56.1	55.8	58.2	56.4	—	
239	Miscellaneous fabricated textile products	178.1	172.6	181.5	178.9	174.7	148.0	141.7	150.5	148.1	144.1	
2391,2	Housefurnishings	76.9	75.3	78.3	75.8	—	64.7	63.2	65.9	63.7	—	
26	PAPER AND ALLIED PRODUCTS	660.5	659.6	685.8	683.3	673.4	499.1	498.0	520.3	518.5	513.4	
261,2,6	Paper and pulp mills	194.5	195.7	201.6	200.6	198.8	148.6	149.1	154.0	153.1	152.2	
263	Paperboard mills	68.4	68.7	70.8	71.3	71.5	54.3	54.4	56.5	56.3	56.5	
264	Miscellaneous converted paper products	193.3	192.3	200.1	199.3	194.8	138.1	137.7	143.8	144.2	143.3	
2643	Bags, except textile bags	43.1	42.4	44.1	44.1	—	34.5	34.2	35.4	35.4	—	
265	Paperboard containers and boxes	204.3	202.9	213.3	212.1	208.3	158.1	156.8	166.0	164.9	161.4	
2651,2	Folding and setup paperboard boxes	57.7	56.9	61.2	60.4	—	46.8	45.6	49.9	49.3	—	
2653	Corrugated and solid fiber boxes	98.5	98.5	103.6	103.4	—	72.4	72.7	76.7	76.4	—	
2654	Sanitary food containers	29.9	29.7	30.5	30.3	—	24.6	24.3	25.2	25.0	—	
27	PRINTING AND PUBLISHING	1,081.6	1,068.6	1,093.6	1,097.2	1,091.2	636.9	626.6	635.3	638.7	630.1	
271	Newspapers	377.2	376.1	390.8	390.4	388.4	167.2	165.5	169.2	168.8	166.0	
272	Periodicals	70.3	69.8	71.2	71.1	—	18.6	18.1	19.3	19.8	—	
273	Books	91.4	87.1	87.5	88.8	—	48.7	46.9	46.0	47.3	—	
275	Commercial printing	362.4	358.2	361.6	364.0	357.3	273.4	269.4	271.2	273.1	266.7	
2751	Commercial printing, except lithographic	204.6	201.2	205.8	207.4	—	156.5	153.3	156.6	157.8	—	
2752	Commercial printing, lithographic	147.5	146.5	145.7	146.4	—	109.3	108.3	107.0	107.5	—	
278	Blankbooks and bookbinding	49.2	48.4	50.2	49.6	50.2	40.5	39.6	40.8	40.5	40.2	
274,6,7,9	Other publishing and printing ind	131.1	129.0	132.3	133.3	133.6	88.5	87.1	88.8	89.2	89.4	
28	CHEMICALS AND ALLIED PRODUCTS	1,016.3	1,016.3	1,039.9	1,040.5	1,034.6	577.4	578.1	591.6	590.7	590.7	
281	Industrial chemicals	327.2	328.3	339.4	340.3	339.2	173.6	174.8	181.3	180.6	182.6	
2812	Alkalies and chlorine	21.4	21.4	21.4	21.2	—	15.6	15.6	15.9	15.7	—	
2818	Industrial organic chemicals, nec	135.9	136.0	140.6	141.2	—	58.9	58.9	63.5	63.1	—	
2819	Industrial inorganic chemicals, nec	107.2	108.0	111.4	111.8	—	59.8	60.8	60.0	60.1	—	
282	Plastics materials and synthetics	206.6	205.7	203.0	203.3	202.1	137.5	137.3	134.8	135.4	134.6	
2821	Plastics materials and resins	85.9	85.9	89.2	89.1	—	52.5	52.6	55.9	55.8	—	
2823,4	Synthetic fibers	108.5	107.6	100.7	101.1	—	76.3	76.0	69.0	69.6	—	
283	Drugs	164.9	164.7	170.1	170.7	171.2	82.0	82.5	84.6	85.2	85.9	
2834	Pharmaceutical preparations	131.7	131.5	135.8	136.3	—	63.6	64.0	65.1	65.7	—	
284	Soap, cleaners, and toilet goods	118.1	118.2	126.4	125.3	122.5	69.0	68.1	75.9	74.3	73.4	
2841	Soap and other detergents	38.7	38.7	40.8	40.8	—	25.7	25.9	27.4	27.5	—	
2844	Toilet preparations	47.3	46.7	52.0	50.6	—	27.0	25.9	30.8	28.9	—	
285	Paints and allied products	63.6	63.9	66.6	65.8	64.9	33.6	33.9	35.2	34.2	34.0	
287	Agricultural chemicals	54.7	55.1	54.3	54.9	55.4	33.9	34.2	33.1	33.8	34.2	
2871,2	Fertilizers, complete and mixing only	32.4	33.0	32.2	32.4	—	22.4	22.8	22.0	22.1	—	
286,9	Other chemical products	81.2	80.4	80.1	80.2	79.3	47.8	47.3	46.7	47.2	46.0	
2892	Explosives	16.8	16.4	13.5	13.6	—	10.8	10.5	8.4	8.5	—	
29	PETROLEUM AND COAL PRODUCTS	200.2	197.8	203.7	202.3	200.9	128.4	126.7	132.2	131.1	129.4	
291	Petroleum refining	156.5	156.3	156.9	157.0	156.4	96.7	97.0	97.8	98.2	97.3	
295,9	Other petroleum and coal products	43.7	41.5	46.8	45.3	44.5	31.7	29.7	34.4	32.9	32.1	

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
NONDURABLE GOODS—Continued											
30	RUBBER AND PLASTICS PRODUCTS, NEC...	608.7	608.6	651.9	650.1	650.4	470.6	470.9	510.4	508.4	510.3
301	Tires and inner tubes	117.5	117.7	119.6	120.4	119.4	84.8	85.2	87.6	88.6	89.1
302,3,6	Other rubber products	160.9	160.1	171.8	172.4	170.6	125.7	125.2	135.0	135.9	134.7
302	Rubber footwear	23.1	22.8	22.7	22.2	—	19.4	19.3	19.3	18.9	—
307	Miscellaneous plastics products	330.3	330.8	360.5	357.3	(*)	260.1	260.5	287.8	283.9	(*)
31	LEATHER AND LEATHER PRODUCTS	271.3	270.3	265.1	262.8	260.9	233.9	233.3	226.1	223.2	222.8
311	Leather tanning and finishing	24.2	24.3	22.8	22.9	23.2	20.9	21.0	19.4	19.5	19.8
314	Footwear, except rubber	170.4	171.1	163.3	162.9	163.9	148.8	149.8	141.7	141.0	142.9
312,3,5-7,9	Other leather products	76.7	74.9	79.0	77.0	73.8	64.2	62.5	65.0	62.7	60.1
316	Luggage	17.1	16.7	17.6	17.4	—	13.6	13.2	13.8	13.5	—
317	Handbags and personal leather goods	35.7	34.9	37.1	35.4	—	30.2	29.3	30.8	29.0	—
TRANSPORTATION AND PUBLIC UTILITIES											
40	RAILROAD TRANSPORTATION	520.7	513.4	533.8	528.6	—	—	—	—	—	—
4011	Class I railroads ²	481.0	476.3	495.9	491.3	—	—	—	—	—	—
LOCAL AND INTERURBAN PASSENGER TRANSIT											
41	Local and suburban transportation	278.4	277.6	275.7	276.2	—	—	—	—	—	—
411	Taxicabs	69.4	71.7	67.2	67.1	—	64.3	66.7	61.7	61.1	—
412	Intercity highway transportation	80.4	79.6	75.9	76.3	—	—	—	—	—	—
413	Intercity highway transportation	39.2	38.8	39.5	40.1	—	35.2	34.9	35.6	36.5	—
42	TRUCKING AND WAREHOUSING	1,109.3	1,056.4	1,111.9	(*)	—	993.6	940.6	990.7	(*)	—
421,3	Trucking and trucking terminals	1,017.5	970.1	1,015.6	(*)	—	914.6	866.7	907.0	(*)	—
422	Public warehousing	91.8	86.3	96.3	95.6	—	79.0	73.9	83.7	82.9	—
45	TRANSPORTATION BY AIR	331.3	367.1	372.5	374.0	—	—	—	—	—	—
451,2	Air transportation	296.1	332.0	336.6	338.0	—	—	—	—	—	—
46	PIPELINE TRANSPORTATION	16.4	16.6	16.5	16.5	—	12.1	12.4	12.2	12.0	—
44,47	OTHER TRANSPORTATION AND SERVICES	335.6	325.9	348.3	347.8	—	—	—	—	—	—
44	WATER TRANSPORTATION	193.3	186.1	198.5	197.7	—	—	—	—	—	—
47	TRANSPORTATION SERVICES	142.3	139.8	149.8	150.1	—	—	—	—	—	—
48	COMMUNICATION	1,155.9	1,152.4	1,153.1	1,152.8	—	889.0	886.6	886.7	884.6	—
481	Telephone communication	949.4	947.0	940.3	940.2	—	723.3	721.9	714.6	713.5	—
482	Telegraph communication ³	18.2	17.5	(*)	(*)	—	12.8	12.6	(*)	(*)	—
483	Radio and television broadcasting	155.3	154.8	160.8	160.6	—	124.0	123.4	128.4	127.8	—
49	ELECTRIC, GAS, AND SANITARY SERVICES	729.0	730.1	734.3	735.6	—	607.5	608.6	608.0	609.1	—
491	Electric companies and systems	312.9	314.4	314.6	314.9	—	258.3	259.9	258.8	259.3	—
492	Gas companies and systems	159.1	158.9	157.3	157.6	—	131.1	130.7	129.0	129.4	—
493	Combination companies and systems	192.6	192.4	194.6	194.7	—	163.3	163.4	161.7	161.6	—
494-7	Water, steam, and sanitary systems	64.4	64.4	67.8	68.4	—	54.8	54.6	58.5	58.8	—
—	WHOLESALE AND RETAIL TRADE	17,918	17,205	18,122	18,556	17,785	15,906	15,188	16,042	16,460	15,685
50	WHOLESALE TRADE	4,215	4,189	4,321	4,327	4,287	3,491	3,464	3,581	3,585	3,541
501	Motor vehicles and automotive equipment	371.2	371.5	384.7	385.2	—	303.6	302.7	314.0	314.3	—
502	Drugs, chemicals, and allied products	240.0	237.9	242.1	242.8	—	192.4	190.4	192.4	193.0	—
503	Dry goods and apparel	155.2	152.6	157.7	156.1	—	121.5	119.5	122.8	121.0	—
504	Groceries and related products	616.7	610.7	632.6	631.3	—	538.8	531.9	551.2	549.3	—
506	Electrical goods	318.4	317.6	322.8	323.7	—	267.9	267.1	271.2	272.0	—
507	Hardware, plumbing and heating equipment	182.6	182.5	188.9	188.7	—	150.8	150.6	156.9	157.4	—
508	Machinery, equipment, and supplies	868.8	872.0	894.6	895.9	—	716.6	719.3	739.8	741.7	—
509	Miscellaneous wholesalers	1,349.9	1,334.8	1,381.5	1,384.5	—	1,106.2	1,091.9	1,136.6	1,137.8	—
52-59	RETAIL TRADE	13,703	13,016	13,801	14,229	13,498	12,415	11,724	12,461	12,875	12,144
53	Retail General Merchandise	2,885.5	2,501.6	2,658.4	2,897.2	—	2,679.4	2,298.1	2,460.7	2,698.2	—
531	Department stores	1,973.3	1,705.4	1,809.5	1,993.1	—	1,840.0	1,576.7	1,686.0	1,867.8	—
532	Mail order houses	148.7	123.2	131.9	135.2	—	142.0	115.7	125.1	128.5	—
533	Variety stores	350.4	302.0	327.6	353.4	—	328.6	280.0	308.1	333.0	—
54	FOOD STORES	2,064.3	2,042.0	2,103.6	2,130.7	—	1,915.0	1,893.1	1,945.2	1,969.5	—
541-3	Grocery, meat, and vegetable stores	1,873.9	1,863.3	1,913.1	1,935.6	—	1,738.5	1,727.7	1,768.8	1,789.1	—

See footnotes at end of table.

ESTABLISHMENT DATA EMPLOYMENT

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p
WHOLESALE AND RETAIL TRADE—Continued											
56	APPAREL AND ACCESSORY STORES	891.8	809.5	830.2	912.3	—	792.6	710.3	726.0	806.7	—
561	Men's and boys' clothing and furnishings	161.6	145.6	146.4	166.5	—	143.9	127.7	127.7	147.9	—
562	Women's ready-to-wear stores	330.8	299.0	306.5	333.5	—	294.9	263.9	270.2	296.6	—
565	Family clothing stores	146.0	130.3	133.5	152.1	—	134.9	118.5	120.3	139.1	—
566	Shoe stores	173.7	162.9	166.4	177.5	—	147.9	137.0	139.4	149.8	—
57	FURNITURE AND HOME FURNISHINGS STORES	533.4	523.9	545.5	555.8	—	454.8	443.7	461.3	471.6	—
571	Furniture and home furnishings	322.9	318.4	325.7	329.9	—	275.4	271.4	277.2	281.7	—
58	EATING AND DRINKING PLACES	3,432.3	3,341.7	3,686.4	3,677.3	—	3,205.2	3,110.6	3,436.2	3,425.8	—
52,55,59	OTHER RETAIL TRADE	3,895.3	3,797.7	3,976.5	4,056.1	—	3,368.3	3,268.1	3,431.8	3,503.4	—
52	Building materials and farm equipment	614.7	604.5	636.9	634.9	—	525.2	513.5	546.3	543.4	—
55	Automotive dealers and service stations	1,702.6	1,701.6	1,758.4	1,756.8	—	—	—	—	—	—
551,2	Motor vehicle dealers	768.8	771.2	795.0	795.9	—	640.6	642.2	664.1	663.7	—
553,9	Other automotive and accessory dealers	318.8	313.6	332.9	331.8	—	267.0	262.2	281.1	279.7	—
554	Gasoline service stations	615.0	616.8	630.5	629.1	—	—	—	—	—	—
59	Miscellaneous retail stores	1,578.0	1,491.6	1,581.2	1,664.4	—	—	—	—	—	—
591	Drug stores and proprietary stores	493.4	479.1	483.7	500.7	—	442.0	427.7	430.1	445.9	—
594	Book and stationery stores	82.4	78.8	83.2	85.9	—	70.3	67.0	70.5	73.1	—
596	Farm and garden supply stores	131.2	129.2	139.9	141.0	—	—	—	—	—	—
598	Fuel and ice dealers	102.1	107.7	103.3	107.7	—	87.9	92.7	88.2	92.1	—
FINANCE, INSURANCE, AND REAL ESTATE⁴											
4,243 4,223 4,368 4,384 4,375 3,235 3,212 3,335 3,346 3,328											
60	Banking	1,283.3	1,283.1	1,311.9	1,316.4	—	1,012.8	1,010.2	1,034.4	1,037.5	—
61	Credit agencies other than banks	447.6	449.2	474.3	478.0	—	342.7	343.0	365.3	368.6	—
612	Savings and loan associations	174.5	176.3	192.6	194.6	—	140.4	141.1	155.0	156.5	—
614	Personal credit institutions	192.4	192.3	197.2	198.8	—	—	—	—	—	—
62	Security, commodity brokers and services	170.7	170.8	176.6	177.4	—	139.5	138.8	144.0	144.4	—
63	Insurance carriers	1,103.9	1,095.5	1,121.7	1,126.2	—	743.9	737.3	759.3	761.1	—
631	Life insurance	518.9	513.0	517.2	715.2	—	299.1	295.5	295.8	295.0	—
632	Accident and health insurance	120.0	119.4	122.2	123.0	—	99.9	98.9	99.5	100.5	—
633	Fire, marine, and casualty insurance	406.6	404.9	420.5	422.8	—	297.0	295.4	311.9	313.2	—
64	Insurance agents, brokers, and service	335.6	332.5	347.8	349.8	—	—	—	—	—	—
65	Real estate	788.6	777.7	821.9	821.4	—	—	—	—	—	—
655	Subdividers and developers	108.3	104.8	113.2	109.5	—	—	—	—	—	—
656	Operative builders	59.2	52.4	59.3	58.0	—	—	—	—	—	—
66,67	Other finance, insurance, and real estate	112.8	114.2	114.1	114.9	—	—	—	—	—	—
SERVICES											
14,194 14,084 14,858 14,843 14,734 12,791 12,681 13,373 13,358 13,238											
70	Hotels and other lodging places	968.2	960.6	1,016.3	1,013.3	—	—	—	—	—	—
701	Hotels, tourist courts, and motels	813.0	793.4	844.2	837.9	—	752.3	734.0	779.9	772.9	—
72	Personal services	838.6	824.5	816.6	813.8	—	—	—	—	—	—
721	Laundries and dry cleaning plants	354.5	352.9	349.7	348.8	—	317.8	315.9	313.0	312.6	—
722	Photographic studios	48.5	42.6	48.6	44.7	—	43.9	37.1	43.9	40.0	—
73	Miscellaneous business services	2,049.5	2,036.7	2,179.1	2,182.7	—	—	—	—	—	—
731	Advertising	121.6	120.5	128.7	128.7	—	—	—	—	—	—
732	Credit reporting and collection	79.6	78.2	84.0	83.8	—	—	—	—	—	—
734	Services to buildings	397.1	397.3	418.1	418.9	—	—	—	—	—	—
76	Miscellaneous repair services	215.5	216.9	225.2	227.1	—	—	—	—	—	—
78	Motion pictures	193.9	192.8	195.1	189.6	—	—	—	—	—	—
781	Motion picture filming and distributing	63.9	63.1	66.1	62.9	—	47.6	47.7	51.6	49.5	—
782,3	Motion picture theaters and services	130.0	129.7	129.0	126.7	—	—	—	—	—	—
80	Medical and other health services	4,290.6	4,304.0	4,548.0	4,567.5	—	—	—	—	—	—
806	Hospitals	2,328.0	2,328.8	2,434.0	2,435.9	—	2,129.6	2,129.7	2,221.0	2,221.3	—
81	Legal services	351.5	351.2	381.5	384.6	—	—	—	—	—	—
82	Educational services	1,300.1	1,261.3	1,353.2	1,337.3	—	—	—	—	—	—
821	Elementary and secondary schools	417.7	420.7	427.2	428.4	—	—	—	—	—	—
822	Colleges and universities	719.3	676.3	745.2	727.8	—	—	—	—	—	—
89	Miscellaneous services	881.5	888.8	924.1	929.4	—	—	—	—	—	—
891	Engineering and architectural services	404.0	399.6	421.3	423.3	—	—	—	—	—	—
892	Nonprofit research agencies	144.5	143.9	155.4	157.0	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT**

B-2. Employees on nonagricultural payrolls, by industry—Continued

[In thousands]

SIC Code	Industry	All employees					Production workers ¹				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p
—	GOVERNMENT	15,085	14,903	15,268	15,270	15,105					
91	FEDERAL GOVERNMENT ⁵	2,771	2,724	2,720	2,725	2,714	—	—	—	—	—
	Executive	2,722.6	2,675.6	2,670.3	2,674.5	—	—	—	—	—	
	Department of Defense	945.6	941.1	920.4	919.6	—	—	—	—	—	
	Postal Service	724.0	677.9	664.9	685.7	—	—	—	—	—	
	Other agencies	1,053.0	1,056.6	1,085.0	1,069.2	—	—	—	—	—	
	Legislative	37.6	37.5	38.2	38.4	—	—	—	—	—	
	Judicial	10.7	10.7	11.9	11.9	—	—	—	—	—	
92,93	STATE AND LOCAL GOVERNMENT	12,314	12,179	12,548	12,545	12,391					
92	State government	3,258.0	3,205.2	3,376.9	3,362.1	—	—	—	—	—	
	State education	1,411.3	1,357.0	1,495.8	1,473.7	—	—	—	—	—	
	Other State government	1,846.7	1,848.2	1,881.1	1,888.4	—	—	—	—	—	
93	Local government	9,056.3	8,974.0	9,171.0	9,182.5	—	—	—	—	—	
	Local education	5,152.9	5,081.0	5,252.6	5,268.4	—	—	—	—	—	
	Other local government	3,903.4	3,893.0	3,918.4	3,914.1	—	—	—	—	—	

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

² Beginning January 1976, data relate to line haul railroads with operating revenues of \$10,000,000 or more.

³ Data for nonsupervisory workers exclude messengers.

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

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

* Not available.

p=preliminary.

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls, by industry

SIC Code	Industry	October 1975		July 1976		October 1976	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	TOTAL	30,840	40	30,857	39	32,031	40
	PRIVATE SECTOR	24,134	38	24,752	38	25,285	39
-	MINING	54	7	59	7	60	7
10	METAL MINING	4.4	5	5.3	6	5.2	5
11,12	COAL MINING	4.1	2	4.7	2	5.2	2
13	OIL AND GAS EXTRACTION	38.6	11	41.8	11	42.3	11
131,2	Crude petroleum and natural gas fields	25.0	15	26.5	16	26.6	16
138	Oil and gas field services	13.6	8	15.3	8	15.7	8
14	NONMETALLIC MINERALS, EXCEPT FUELS	6.6	6	6.9	6	6.9	6
142	Crushed and broken stone	2.1	5	2.3	5	2.2	5
144	Sand and gravel	1.9	5	2.0	5	2.1	6
-	CONTRACT CONSTRUCTION	236	6	249	7	249	7
15	GENERAL BUILDING CONTRACTORS	74.4	7	77.9	7	78.4	7
16	HEAVY CONSTRUCTION CONTRACTORS	39.8	5	43.7	5	42.9	5
161	Highway and street construction	13.7	4	14.7	4	14.2	4
162	Heavy construction, nec	26.1	6	29.0	6	28.7	6
17	SPECIAL TRADE CONTRACTORS	122.1	7	127.0	7	127.2	7
171	Plumbing, heating, air conditioning	36.5	8	36.7	8	36.3	8
172	Painting, paper hanging, decorating	8.1	6	8.4	6	9.1	6
173	Electrical work	19.9	6	20.3	6	20.6	6
174	Masonry, stonework, and plastering	9.4	5	9.4	5	9.8	5
176	Roofing and sheet metal work	8.3	6	9.0	7	9.1	7
-	MANUFACTURING	5,490	29	5,514	29	5,730	30
19,24,25,32-39	DURABLE GOODS	2,339	22	2,418	22	2,526	23
20-23,26-31	NONDURABLE GOODS	3,151	40	3,096	39	3,204	40
	DURABLE GOODS						
19	ORDNANCE AND ACCESSORIES	39.5	24	36.1	23	35.9	23
192	Ammunition, except for small arms	27.1	25	23.7	23	24.1	24
1925	Complete guided missiles	19.5	22	17.9	21	18.0	21
1929	Ammunition, except for small arms, nec	7.6	37	5.8	34	6.1	34
24	LUMBER AND WOOD PRODUCTS	72.2	12	79.1	13	80.1	13
241	Logging camps, and logging contractors	4.0	5	5.5	7	4.2	5
242	Sawmills and planing mills	14.9	7	16.0	7	16.4	8
2421	Sawmills and planing mills, general	11.0	6	12.1	7	11.9	7
243	Millwork, plywood and related products	26.6	14	29.9	14	30.6	15
2431	Millwork	15.0	18	17.1	18	17.1	18
2432	Veneer and plywood	8.7	13	9.5	13	10.0	13
244	Wooden containers	4.2	19	4.4	20	4.3	20
2441,2	Wooden boxes, shooks, and crates	3.4	20	3.6	30	3.4	20
249	Miscellaneous wood products	22.5	25	23.3	24	24.6	25
25	FURNITURE AND FIXTURES	132.9	28	132.4	28	140.8	28
251	Household furniture	105.3	31	104.2	30	112.8	31
2511	Wood household furniture	51.1	30	51.3	29	56.0	30
2512	Upholstered household furniture	34.0	34	34.0	34	36.1	34
2515	Mattresses and bedsprings	9.8	28	9.3	28	9.5	28
252	Office furniture	6.7	19	6.6	19	7.4	19
254	Partitions and fixtures	7.9	16	8.4	16	8.2	15
253,9	Other furniture and fixtures	13.0	29	13.2	28	12.4	28
32	STONE, CLAY, AND GLASS PRODUCTS	108.8	17	114.3	18	115.7	18
321	Flat glass	1.3	8	1.5	9	1.5	9
322	Glass and glassware, pressed or blown	44.5	34	45.8	34	46.4	34
3221	Glass containers	27.7	36	28.5	36	28.6	36
3229	Pressed and blown glass nec	16.8	31	17.3	32	17.8	32
324	Cement, hydraulic	1.3	4	1.4	4	1.3	4
325	Structural clay products	5.5	11	5.7	12	5.9	12
3251	Brick and structural clay tile	1.1	5	1.2	5	1.2	5
326	Pottery and related products	14.1	33	14.9	35	15.1	34
327	Concrete, gypsum, and plaster products	11.7	6	12.8	6	12.2	6
328,9	Other stone and nonmetallic mineral products	20.4	16	21.9	16	22.5	17
3291	Abrasive products	5.2	22	5.4	22	5.4	22

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls, by industry—Continued

SIC Code	Industry	October 1975		July 1976		October 1976	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
DURABLE GOODS—Continued							
33	PRIMARY METAL INDUSTRIES	92.2	8	103.1	9	104.3	9
331	Blast furnace and basic steel products	26.8	5	31.6	6	30.4	6
3312	Blast furnaces and steel mills	20.8	5	25.3	5	24.2	5
332	Iron and steel foundries	12.2	6	13.0	6	13.5	6
3321	Gray iron foundries	5.6	4	6.8	5	6.9	5
3322	Malleable iron foundries	1.1	5	1.2	6	1.3	6
3323	Steel foundries	5.5	9	5.0	9	5.3	9
333,4	Nonferrous metals	3.9	5	4.4	5	4.7	6
3334	Primary aluminum . . . . .	.9	3	1.3	4	1.4	4
335	Nonferrous rolling and drawing	32.4	18	36.1	19	37.1	19
3351	Copper rolling and drawing	2.5	8	2.8	8	3.2	9
3352	Aluminum rolling and drawing	6.8	12	7.5	12	7.4	12
3357	Nonferrous wire drawing and insulating	20.6	27	21.4	28	22.0	28
336	Nonferrous foundries	11.3	15	11.8	15	12.4	15
3361	Aluminum castings	5.1	13	5.8	13	5.9	13
3362,9	Other nonferrous castings	6.2	18	6.0	18	6.5	18
339	Miscellaneous primary metal products	5.6	8	6.2	9	6.2	9
3391	Iron and steel forgings	3.1	6	3.2	7	3.3	7
34	FABRICATED METAL PRODUCTS	259.4	19	272.0	20	282.9	20
341	Metal cans	10.2	16	11.1	17	9.9	16
342	Cutlery, hand tools, and hardware	52.1	33	54.8	33	58.0	34
3421,3,5	Cutlery and hand tools, including saws	19.9	29	20.7	30	21.8	30
3429	Hardware, nec	32.2	36	34.1	36	36.2	36
343	Plumbing and heating, except electric	12.3	18	13.3	19	13.6	19
3431,2	Sanitary ware and plumbers' brass goods	6.0	20	6.5	21	6.6	21
3433	Heating equipment, except electric	6.3	17	6.8	18	7.0	18
344	Fabricated structural metal products	57.9	13	61.3	14	61.7	14
3441	Fabricated structural steel	6.8	6	6.7	7	6.6	7
3442	Metal doors, sash, and trim	22.1	31	23.1	32	23.2	32
3443	Fabricated plate work (boiler shops)	11.7	8	12.2	9	13.0	9
3444	Sheet metal work	11.9	14	12.9	15	12.4	14
3446,9	Architectural and miscellaneous metal work	5.4	10	6.4	11	6.5	11
345	Screw machine products, bolts, etc.	19.7	21	20.4	21	21.4	21
3451	Screw machine products	10.3	24	10.8	24	11.5	24
3452	Bolts, nuts, rivets, and washers	9.4	19	9.6	18	9.9	19
346	Metal stampings	45.0	20	45.5	21	49.7	22
347	Metal services, nec	17.3	21	19.2	21	20.8	22
348	Misc. fabricated wire products	15.3	26	15.0	25	15.3	26
349	Misc. fabricated metal products	29.6	18	31.4	19	32.5	20
3494,8	Valves, pipe, and pipe fittings	18.3	17	19.7	18	20.1	19
35	MACHINERY, EXCEPT ELECTRICAL	324.4	16	341.5	17	350.6	17
351	Engines and turbines	17.1	15	17.6	16	18.4	16
3511	Steam engines and turbines	5.0	12	5.3	12	5.3	13
3519	Internal combustion engines, nec	12.1	18	12.3	18	13.1	18
352	Farm machinery	16.6	11	17.4	12	15.4	13
353	Construction and related machinery	35.1	10	35.6	11	35.2	11
3531,2	Construction and mining machinery	16.7	9	17.0	9	16.2	9
3533	Oil field machinery	7.6	11	8.0	12	8.0	11
3535,6	Conveyors, hoists, cranes, monorails	5.1	11	5.3	11	5.5	11
3537	Industrial trucks and tractors	3.0	11	3.1	10	3.3	11
354	Metal working machinery	40.8	14	42.7	14	44.2	14
3541	Machine tools, metal cutting types	6.1	10	6.4	11	6.5	11
3544	Special dies, tools, jigs and fixtures	10.7	9	11.4	10	11.9	10
3545	Machine tool accessories	10.3	20	10.2	19	10.7	19
3542,8	Miscellaneous metal working machinery	13.7	19	14.7	20	15.1	20
355	Special industry machinery	22.7	13	23.2	13	23.8	13
3551	Food products machinery	4.7	12	4.8	12	4.8	12
3552	Textile machinery	5.0	17	5.4	18	5.4	17
3555	Printing trades machinery	3.4	14	3.3	14	3.6	14
356	General industrial machinery	46.7	17	49.9	18	51.5	18
3561	Pumps and compressors	11.3	14	12.4	15	12.5	15
3562	Ball and roller bearings	12.1	23	12.2	23	12.9	24
3564	Blowers and fans	6.0	18	6.6	19	6.7	19
3566	Power transmission equipment	7.0	15	7.3	15	7.1	16
357	Office and computing machines	81.2	29	85.8	29	89.1	30
3573	Electronic computing equipment	61.1	29	63.8	29	66.3	29
358	Service industry machines	25.9	18	29.1	18	31.1	19
3585	Refrigeration machinery	16.1	16	18.6	17	20.5	18
359	Miscellaneous machinery, except electrical	38.3	15	40.2	16	41.9	16

**ESTABLISHMENT DATA .
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls, by industry—Continued

SIC Code	Industry	October 1975		July 1976		October 1976	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
DURABLE GOODS - CONTINUED							
36	ELECTRICAL EQUIPMENT AND SUPPLIES	713.4	40	740.1	41	777.6	42
361	Electrical test and distributing equipment	64.5	34	68.4	37	71.7	37
3611	Electric measuring instruments	29.7	44	30.8	44	32.0	45
3612	Transformers	12.6	26	13.2	30	13.7	30
3613	Switchgear and switchboard apparatus	22.2	30	24.4	34	26.0	34
362	Electrical industrial apparatus	68.6	34	76.5	36	79.0	37
3621	Motors and generators	33.9	35	37.4	37	38.8	37
3622	Industrial controls	25.5	41	29.0	43	29.6	43
363	Household appliances	49.2	30	51.4	31	52.0	32
3632	Household refrigerators and freezers	6.9	18	7.3	21	5.5	18
3633	Household laundry equipment	5.0	20	5.0	21	5.1	21
3634	Electric housewares and fans	25.0	53	25.4	52	27.5	53
364	Electric lighting and wiring equipment	79.9	43	85.9	45	90.2	45
3641	Electric lamps	22.0	65	23.3	64	24.5	65
3642	Lighting fixtures	21.8	36	22.0	36	24.0	37
3643,4	Wiring devices	36.1	40	40.6	43	41.7	43
365	Radio and TV receiving equipment	73.0	55	69.4	54	75.3	55
366	Communication equipment	149.3	35	147.0	35	154.2	36
3661	Telephone and telegraph apparatus	60.4	44	58.7	45	62.6	46
3662	Radio and TV communication equipment	88.9	31	88.3	31	91.6	32
367	Electronic components and accessories	185.3	52	194.9	53	206.0	54
3671-3	Electron tubes	17.1	39	15.9	38	16.1	38
3674,9	Other electronic components	168.2	54	179.0	55	189.9	56
369	Miscellaneous electrical equipment and supplies	43.6	32	46.6	33	49.2	33
3694	Engine electrical equipment	24.0	35	25.6	35	27.1	36
37	TRANSPORTATION EQUIPMENT	201.1	12	211.3	13	225.1	13
371	Motor vehicles and equipment	81.1	10	88.6	11	99.5	12
3711	Motor vehicles	26.3	8	29.3	9	34.3	10
3712	Passenger car bodies	3.1	7	1.5	6	5.4	11
3713	Truck and bus bodies	3.5	9	3.8	10	4.2	11
3714	Motor vehicle parts and accessories	47.0	13	52.6	14	54.1	14
3715	Truck trailers	1.2	7	1.4	7	1.5	6
372	Aircraft and parts	78.4	15	72.6	15	75.3	16
3721	Aircraft	43.8	16	40.5	16	42.3	16
3722	Aircraft engines and engine parts	19.2	14	17.4	14	18.1	14
3723,9	Other aircraft parts and equipment	15.4	6	14.7	16	14.9	17
373	Ship and boat building and repairing	16.4	9	19.5	9	20.5	9
3731	Ship building and repairing	10.6	7	12.7	8	13.0	8
3732	Boat building and repairing	5.8	14	6.8	15	7.5	16
374	Railroad equipment	5.5	11	4.5	11	4.8	11
375,9	Other transportation equipment	19.7	17	26.1	17	25.0	17
38	INSTRUMENTS AND RELATED PRODUCTS	192.7	39	200.7	39	205.3	40
381	Engineering and scientific instruments	17.5	29	16.3	28	16.8	29
382	Mechanical measuring and control devices	41.9	38	47.2	40	47.7	40
3821	Mechanical measuring devices	24.8	33	26.5	35	27.3	35
3822	Automatic temperature controls	17.1	48	20.7	50	20.4	49
383,5	Optical and ophthalmic goods	27.0	45	28.1	44	29.3	45
385	Ophthalmic goods	20.5	52	21.4	51	22.0	52
384	Medical instruments and supplies	51.9	50	54.4	50	56.6	51
386	Photographic equipment and supplies	33.8	27	35.6	27	35.3	27
387	Watches, clocks, and watchcases	20.6	65	19.1	64	19.6	64
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	202.3	47	187.2	45	204.0	47
391	Jewelry, silverware, and plated ware	23.0	44	21.1	43	24.7	44
394	Toys and sporting goods	70.0	54	63.5	51	71.1	54
3941,3	Games, toys, dolls, and play vehicles	45.6	59	37.6	55	43.7	57
3949	Sporting and athletic goods, n e c	24.4	47	25.9	47	27.4	49
395	Pens, pencils, office and art supplies	20.1	57	18.5	56	19.0	57
396	Costume jewelry and notions	31.2	55	27.1	54	28.6	54
393,9	Other manufacturing industries	58.0	37	57.0	37	60.6	38
393	Musical instruments and parts	10.4	44	9.1	41	9.9	41
NONDURABLE GOODS							
20	FOOD AND KINDRED PRODUCTS	498.3	28	481.8	28	505.0	28
201	Meat products	105.7	30	107.5	30	109.7	30
2011	Meat packing plants	24.6	15	25.6	15	26.3	15
2013	Sausages and other prepared meats	19.3	29	19.2	29	18.9	28
2015	Poultry dressing plants	61.8	54	62.7	53	64.5	54
202	Dairy products	36.4	19	38.1	19	37.2	19
2024	Ice cream and frozen desserts	8.1	24	6.6	26	5.4	25

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls, by industry—Continued

SIC Code	Industry	October 1975		July 1976		October 1976	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
NONDURABLE GOODS - CONTINUED							
FOOD AND KINDRED PRODUCTS - Continued							
2026	Fluid milk	19.3	15	19.8	16	19.8	16
203	Canned, cured, and frozen foods	157.3	46	140.8	43	151.2	45
2031,6	Canned, cured, and frozen sea foods	27.2	56	27.6	57	26.9	58
2032,3	Canned food, except sea foods	71.0	42	62.5	39	62.9	40
2037	Frozen fruits and vegetables	37.7	50	28.9	47	39.2	51
204	Grain mill products	23.1	16	24.2	17	25.6	17
2041	Flour and other grain mill products	3.6	14	3.8	14	4.0	15
2042	Prepared feeds for animals and fowls	11.1	15	11.9	16	12.4	16
205	Bakery products	61.3	26	61.8	25	62.4	26
2051	Bread, cake, and related products	41.1	21	42.0	21	42.9	21
2052	Cookies and crackers	20.2	49	19.8	48	19.5	46
206	Sugar	6.3	13	3.1	10	5.7	13
207	Confectionery and related products	36.5	47	34.2	45	38.4	47
2071	Confectionery products	28.5	49	26.0	47	30.2	50
208	Beverages	33.2	15	33.6	14	34.5	15
2082	Malt liquors	4.2	8	5.0	10	4.9	10
2086	Bottled and canned soft drinks	13.8	11	14.9	11	14.7	11
209	Miscellaneous foods and kindred products	38.5	26	38.5	27	40.3	27
21	TOBACCO MANUFACTURES	37.6	43	27.2	37	34.3	41
211	Cigarettes	14.4	32	14.6	32	14.0	31
212	Cigars	8.1	71	6.6	68	7.0	69
22	TEXTILE MILL PRODUCTS	441.1	46	442.5	47	449.7	47
221	Weaving mills, cotton	71.8	42	72.1	42	73.6	42
222	Weaving mills, synthetics	46.3	39	47.4	39	48.0	39
223	Weaving and finishing mills, wool	8.1	38	8.3	37	8.5	38
224	Narrow fabric mills	14.4	58	14.7	59	15.0	59
225	Knitting mills	162.4	63	163.3	64	165.4	64
2251	Women's hosiery, except socks	29.5	76	28.7	76	29.8	77
2252	Hosiery, n e c	24.7	73	25.3	72	24.6	72
2253	Knit outerwear mills	54.3	72	53.8	73	56.9	73
2254	Knit underwear mills	26.1	70	28.2	69	27.2	69
226	Textile finishing, except wool	23.1	28	23.4	29	22.9	29
227	Floor covering mills	22.3	36	21.3	36	22.7	37
228	Yarn and thread mills	73.5	49	73.4	48	73.6	48
229	Miscellaneous textile goods	19.2	29	18.6	29	20.0	30
23	APPAREL AND OTHER TEXTILE PRODUCTS	1,053.1	81	1,006.5	80	1,045.1	81
231	Men's and boys' suits and coats	64.7	76	65.1	77	68.5	76
232	Men's and boys' furnishings	310.1	84	312.0	83	321.3	84
2321	Men's and boys' shirts and nightwear	100.0	87	100.4	87	103.1	88
2327	Men's and boys' separate trousers	69.1	83	68.0	81	69.3	81
2328	Men's and boys' work clothing	74.9	83	73.8	82	78.2	83
233	Women's and misses' outerwear	350.0	86	319.3	85	325.5	86
2331	Women's and misses' blouses and waists	46.1	90	41.3	87	42.2	88
2335	Women's and misses' dresses	154.6	88	141.7	87	145.2	87
2337	Women's and misses' suits and coats	52.0	79	44.9	78	43.1	78
2339	Women's and misses' outerwear, n e c	97.3	86	91.4	85	95.0	86
234	Women's and children's undergarments	89.3	86	83.0	85	88.1	86
2341	Women's and children's underwear	69.4	88	63.8	87	68.0	87
2342	Corsets and allied garments	19.9	82	19.2	80	20.1	81
235	Hats, caps, and millinery	11.3	72	11.1	72	11.2	72
236	Children's outerwear	65.3	86	63.8	87	67.2	87
2361	Children's dresses and blouses	27.5	90	27.2	89	27.6	89
237,8	Fur goods and miscellaneous apparel	49.5	73	47.1	73	51.5	74
239	Miscellaneous fabricated textile products	112.9	63	105.1	62	111.8	63
2391,2	Housefurnishings	55.3	71	49.6	69	54.7	70
26	PAPER AND ALLIED PRODUCTS	135.2	21	141.5	21	144.0	21
261,2,6	Paper and pulp mills	21.4	11	23.6	12	23.3	12
263	Paperboard mills	4.9	7	5.4	8	5.3	8
264	Miscellaneous converted paper products	62.9	33	64.7	33	66.5	33
2643	Bags, except textile bags	14.1	33	13.7	32	14.5	33
265	Paperboard containers and boxes	46.0	23	47.8	23	48.9	23
2651,2	Folding and setup paperboard boxes	17.8	31	18.3	31	19.4	32
2653	Corrugated and solid fiber boxes	13.7	14	14.1	14	14.7	14
2654	Sanitary food containers	9.3	32	10.2	33	9.5	31

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls, by industry—Continued

SIC Code	Industry	October 1975		July 1976		October 1976	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
NONDURABLE GOODS — CONTINUED							
27	PRINTING AND PUBLISHING	376.4	35	379.2	35	387.4	36
271	Newspapers	120.5	32	125.1	33	126.8	33
272	Periodicals	35.8	51	35.4	51	36.4	51
273	Books	44.3	49	42.1	49	42.8	49
275	Commercial printing	104.1	29	102.9	29	106.2	29
2751	Commercial printing, ex. lithographic	60.2	30	59.3	29	61.2	30
2752	Commercial printing, lithographic	41.1	28	40.7	28	42.0	29
278	Blankbooks and bookbinding	24.2	49	25.8	51	26.0	51
274,6,7,9	Other publishing and printing ind.	47.5	36	47.9	37	49.2	37
28	CHEMICALS AND ALLIED PRODUCTS	220.0	22	224.9	22	228.7	22
281	Industrial chemicals	39.9	12	44.3	13	44.8	13
2812	Alkalies and chlorines	1.8	8	1.9	9	1.9	9
2818	Industrial organic chemicals, n e c	18.8	14	20.7	15	20.7	15
2819	Industrial inorganic chemicals, n e c	13.0	12	14.6	13	15.1	14
282	Plastics materials and synthetics	38.6	19	35.8	18	35.4	17
2821	Plastics materials and resins	8.4	10	8.1	9	8.2	9
2823,4	Synthetic fibers	29.3	27	26.8	26	26.3	26
283	Drugs	64.0	39	67.0	39	67.5	40
2834	Pharmaceutical preparations	53.1	41	55.4	41	55.7	41
284	Soap, cleaners, and toilet goods	46.2	38	45.5	37	49.4	39
2841	Soap and other detergents	8.3	21	8.2	21	8.7	21
2844	Toilet preparations	28.5	56	27.7	56	30.7	58
285	Paints and allied products	10.6	16	11.3	17	11.1	17
287	Agricultural chemicals	6.3	12	6.7	12	6.6	12
2871,2	Fertilizers, complete and mixing only	2.7	8	3.0	9	3.0	9
286,9	Other chemical products	14.4	18	14.3	17	13.9	18
2892	Explosives	2.9	17	2.6	17	2.2	16
29	PETROLEUM AND COAL PRODUCTS	19.7	10	21.1	10	20.9	10
291	Petroleum refining	14.5	9	16.0	10	15.6	10
295,9	Other petroleum and coal products	5.2	11	5.1	11	5.3	11
30	RUBBER AND PLASTICS PRODUCTS, NEC	207.6	34	208.8	37	226.9	35
301	Tires and inner tubes	10.5	9	6.7	12	11.0	9
302,3,6	Other rubber products	58.7	37	57.7	36	64.4	37
302	Rubber footwear	13.8	60	11.5	61	14.8	63
307	Miscellaneous plastics products	138.4	42	144.4	41	151.5	42
31	LEATHER AND LEATHER PRODUCTS	161.5	61	162.1	61	161.6	61
311	Leather tanning and finishing	3.4	14	3.2	14	3.4	15
314	Footwear, except rubber	110.1	67	110.5	66	107.0	66
312,3,5-7,9	Other leather products	48.0	62	48.4	64	51.2	65
316	Luggage	9.1	53	11.5	65	11.4	64
317	Handbags and personal leather goods	26.5	72	24.5	71	26.7	73
TRANSPORTATION AND PUBLIC UTILITIES		984	22	977	22	990	22
41	LOCAL AND INTERURBAN PASSENGER TRANSIT	52.4	19	31.7	13	55.8	20
411	Local and suburban transportation	6.9	10	7.3	11	8.1	12
412	Taxicabs	5.1	6	4.5	6	4.9	6
413	Intercity highway transportation	4.4	12	4.5	11	4.4	11
42	TRUCKING AND WAREHOUSING	111.6	10	113.2	10	115.2	10
421,3	Trucking and trucking terminals	96.1	9	99.8	10	99.4	10
422	Public warehousing	15.5	17	13.4	16	15.8	17
45	TRANSPORTATION BY AIR	97.5	27	107.5	29	104.3	28
451,2	Air transportation	91.9	29	102.1	30	98.6	29
46	PIPE LINE TRANSPORTATION	1.4	9	1.6	9	1.5	9
44	WATER TRANSPORTATION	17.8	10	18.8	9	17.4	9
47	TRANSPORTATION SERVICES	34.1	24	36.4	25	37.0	25
48	COMMUNICATION	529.2	46	524.1	45	518.2	45
481	Telephone communication	470.3	49	464.2	49	457.2	49
483	Radio and television broadcasting	45.3	29	46.1	29	47.1	29
49	ELECTRIC, GAS, AND SANITARY SERVICES	116.3	16	123.3	17	121.0	16
491	Electric companies and systems	48.5	16	51.6	16	50.8	16
492	Gas companies and systems	29.4	18	31.3	19	30.5	19

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls, by industry—Continued

SIC Code	Industry	October 1975		July 1976		October 1976	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
NONDURABLE GOODS — CONTINUED							
ELECTRIC, GAS, AND SANITARY SERVICES — Cont'd							
493	Combination companies and systems	29.6	15	31.0	16	30.5	16
494.7	Water, steam, and sanitary systems	8.8	14	9.4	14	9.2	13
WHOLESALE AND RETAIL TRADE		7,177	42	7,346	41	7,519	42
50	WHOLESALE TRADE	1,019	24	1,038	24	1,064	25
501	Motor vehicles and automotive equipment	77.2	21	81.2	21	82.6	22
502	Drugs, chemicals, and allied products	84.3	35	84.1	35	83.9	35
503	Dry goods and apparel	75.9	49	75.4	49	77.0	49
504	Groceries and related products	136.9	22	139.0	22	145.8	23
506	Electrical goods	84.4	26	86.0	27	87.4	27
507	Hardware; plumbing and heating equipment	47.4	26	48.4	26	48.7	26
508	Machinery, equipment, and supplies	175.9	20	187.2	21	188.9	21
509	Miscellaneous wholesalers	309.0	23	311.2	23	318.2	23
52-59	RETAIL TRADE	6,158	47	6,308	47	6,455	47
53	Retail general merchandise	1,709.5	68	1,646.6	68	1,708.9	67
531	Department stores	1,166.8	69	1,134.9	69	1,176.0	69
532	Mail order houses	87.4	64	66.0	61	76.8	63
533	Variety stores	222.7	72	214.3	72	224.7	71
54	Food stores	784.0	39	800.6	39	825.9	40
541-3	Grocery, meat, and vegetable stores	671.9	37	690.0	37	709.7	38
56	Apparel and accessory stores	525.0	67	521.1	67	537.6	67
561	Men's and boys' clothing and furnishings	58.7	43	59.6	43	60.9	43
562	Women's ready-to-wear stores	260.7	89	255.8	87	263.1	88
565	Family clothing stores	86.5	70	85.1	70	88.0	70
566	Shoe stores	62.1	38	61.4	39	63.5	39
57	Furniture and home furnishings stores	157.1	31	161.5	30	165.6	31
571	Furniture and home furnishings	103.2	33	105.8	33	107.0	33
58	Eating and drinking places	1,929.4	56	2,089.3	56	2,104.6	57
52,55,59	Other retail trade	1,053.1	28	1,088.5	28	1,112.7	28
52	Building materials and farm equipment	115.1	19	122.0	19	122.9	19
55	Automotive dealers and service stations	249.0	15	262.2	15	261.3	15
551.2	Motor vehicle dealers	95.2	12	99.2	13	100.1	13
553.9	Other automotive and accessory dealers	50.2	16	54.7	16	53.1	16
59	Miscellaneous retail stores	689.0	47	704.3	47	728.5	47
591	Drug stores and proprietary stores	290.5	61	289.0	61	294.9	62
594	Book and stationery stores	38.3	49	38.2	48	40.3	49
596	Farm and garden supply stores	29.8	23	30.0	22	30.6	22
598	Fuel and ice dealers	18.5	19	18.9	20	19.8	20
FINANCE, INSURANCE, AND REAL ESTATE		2,310	55	2,390	55	2,408	55
60	Banking	856.3	67	875.9	67	881.3	67
61	Credit agencies other than banks	266.7	60	283.4	61	288.8	61
612	Savings and loan associations	120.5	70	131.5	70	134.9	71
614	Personal credit institutions	97.5	51	100.9	52	102.2	52
62	Security, commodity brokers and services	60.3	35	62.5	35	62.7	36
63	Insurance carriers	597.3	54	616.7	55	621.3	56
631	Life insurance	239.2	46	243.0	47	243.7	47
632	Accident and health insurance	85.3	71	87.0	71	86.9	71
633	Fire, marine, and casualty insurance	236.3	58	247.3	60	250.5	60
64	Insurance agents, brokers, and service	191.1	57	195.4	57	198.4	57
65	Real estate	280.1	35	295.0	35	295.8	36
655	Subdividers and developers	27.6	24	28.6	23	27.5	24
656	Operative builders	11.3	20	12.0	20	12.4	21
66.67	Other finance, insurance, and real estate	58.5	52	60.6	52	59.3	52
SERVICES		7,883	55	8,217	55	8,333	56
Hotels and other lodging places:							
701	Hotels, tourist courts, and motels	447.0	54	504.1	54	468.6	54
72	Personal services	533.2	64	519.7	63	514.0	63
721	Laundries and dry cleaning plants	224.1	63	221.3	62	217.7	62
722	Photographic studios	36.9	73	26.5	62	32.8	67
73	Miscellaneous business services	734.8	36	785.3	37	807.9	37
731	Advertising	53.5	44	56.8	45	57.9	45
732	Credit reporting and collection	55.4	69	56.6	69	57.9	70
734	Services to buildings	156.7	39	162.5	40	168.3	40
76	Miscellaneous repair services	35.3	16	36.1	16	36.4	16
78	Motion pictures	76.1	37	82.9	38	76.6	38
781	Motion picture filming and distributing	23.8	36	25.7	38	25.7	38
782.3	Motion picture theaters and services	52.3	38	57.2	38	50.9	38

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

B-3. Women employees on nonagricultural payrolls, by industry—Continued

SIC Code	Industry	October 1975		July 1976		October 1976	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	SERVICES — Continued						
80	Medical and other health services	3,412.8	80	3,574.5	80	3,646.3	81
806	Hospitals	1,841.0	79	1,893.7	80	1,938.2	80
81	Legal services	220.6	64	239.1	62	239.9	64
82	Educational services	635.7	49	523.2	49	684.3	51
821	Elementary and secondary schools	258.3	62	198.1	58	264.9	62
822	Colleges and universities	305.3	43	243.2	43	328.9	45
89	Miscellaneous services	234.4	27	254.6	28	259.7	28
891	Engineering and architectural services	64.9	16	69.8	17	70.8	17
892	Nonprofit research agencies	49.3	35	55.4	36	55.7	36
	GOVERNMENT	6,706	45	6,105	43	6,746	45
91	FEDERAL GOVERNMENT	803	29	817	29	801	30
92,93	STATE AND LOCAL GOVERNMENT	5,903	48	5,288	46	5,945	48
92	State government	1,435.7	44	1,358.7	44	1,484.7	44
	State education	612.2	44	508.4	43	649.7	44
	Other State government	823.5	44	850.3	44	835.0	44
93	Local government	4,467.3	50	3,929.2	46	4,460.4	49
	Local education	3,143.0	62	2,458.3	58	3,092.0	60
	Other local government	1,324.3	34	1,470.9	35	1,368.4	35

ESTABLISHMENT DATA SEASONALLY ADJUSTED EMPLOYMENT

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

[1967 = 100]

Year and month	Total	Goods-producing				Service-producing									
		Total	Mining	Contract construction	Manufacturing	Total	Transportation and public utilities	Wholesale and retail trade			Finance, insurance, and real estate	Services	Government		
								Total	Wholesale trade	Retail trade			Total	Federal	State and local
1919.....	41.1	55.1	184.8	31.8	54.8	33.5	87.1	33.2	-	-	34.4	22.4	23.5	-	-
1920.....	41.5	54.8	202.1	26.4	54.8	34.3	93.8	32.8	-	-	36.4	23.4	22.8	-	-
1925.....	43.7	53.6	177.7	45.1	51.1	38.3	89.8	41.0	-	-	38.2	28.4	24.6	-	-
1926.....	45.3	55.4	193.3	48.5	52.2	39.7	92.5	42.5	-	-	40.5	30.2	25.0	-	-
1927.....	45.5	54.7	181.7	50.1	51.4	40.5	91.4	43.4	-	-	42.4	31.4	25.6	-	-
1928.....	45.6	54.2	171.3	50.1	51.2	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929.....	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930.....	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931.....	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932.....	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933.....	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934.....	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935.....	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936.....	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937.....	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938.....	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939.....	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	-	45.3	34.8	35.1	33.3	35.6
1940.....	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941.....	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942.....	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943.....	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944.....	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945.....	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946.....	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947.....	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948.....	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949.....	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950.....	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951.....	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952.....	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953.....	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954.....	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955.....	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956.....	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
1957.....	80.3	89.9	135.1	91.1	88.3	75.1	99.5	80.0	82.1	79.3	76.8	66.8	66.8	81.5	62.2
1958.....	78.0	83.7	122.5	86.6	82.0	74.9	93.3	79.0	80.8	78.4	78.1	67.4	68.8	80.6	65.1
1959.....	81.0	87.5	119.4	92.3	85.7	77.4	94.1	81.8	83.6	81.2	80.4	70.6	70.9	82.1	67.4
1960.....	82.4	87.6	116.2	89.9	86.4	79.5	94.0	83.7	85.2	83.2	82.8	73.5	73.3	83.5	70.1
1961.....	82.1	85.2	109.6	87.8	84.0	80.4	91.6	83.3	84.9	82.8	84.7	75.9	75.4	83.8	72.8
1962.....	84.4	87.7	106.0	90.5	86.7	82.6	91.7	85.0	86.7	84.4	86.8	79.5	78.0	86.1	75.5
1963.....	86.1	88.5	103.6	92.4	87.4	84.8	91.6	86.6	88.1	86.1	89.2	82.4	80.9	86.7	79.1
1964.....	88.6	90.1	103.4	95.1	88.8	87.8	92.7	89.4	90.5	89.0	91.7	86.2	84.2	86.4	83.5
1965.....	92.3	94.0	103.1	99.3	92.9	91.4	94.7	93.5	94.0	93.3	93.7	90.0	88.4	87.5	88.7
1966.....	97.1	99.3	102.3	102.1	98.8	95.9	97.4	97.3	97.5	97.3	96.1	94.6	94.7	94.3	94.8
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	103.2	101.8	98.9	103.1	101.7	103.9	101.2	103.6	102.4	104.0	104.8	105.2	103.9	100.7	105.0
1969.....	107.0	104.5	101.0	109.9	103.7	108.3	104.1	108.1	105.9	108.8	110.4	111.2	107.1	101.4	108.8
1970.....	107.7	101.0	101.6	110.2	99.5	111.3	105.7	110.5	108.3	111.3	114.3	115.1	110.2	100.4	113.3
1971.....	108.1	98.1	99.3	113.4	95.5	113.6	104.6	112.8	108.5	114.4	117.9	117.9	113.1	99.2	117.4
1972.....	111.9	101.2	102.0	119.4	98.2	117.8	106.0	117.4	111.9	119.4	122.3	122.7	117.0	98.7	122.8
1973.....	116.8	106.3	105.1	125.2	103.2	122.5	109.0	122.5	116.5	124.7	126.9	128.9	120.5	97.9	127.6
1974.....	119.1	106.1	113.2	123.3	103.1	126.1	110.2	125.1	119.8	126.9	130.5	134.8	124.4	100.2	132.0
1975.....	117.0	97.1	121.5	109.5	94.3	127.8	105.6	124.9	118.5	127.2	130.9	138.7	129.1	101.1	138.0
1976P.....	120.6	100.3	127.7	112.0	97.5	131.7	105.8	130.0	120.9	133.2	133.8	145.0	131.2	100.5	140.7
Jan.....	119.1	99.1	125.1	112.1	96.2	129.9	105.4	127.8	119.5	130.7	132.3	141.7	130.3	101.1	139.5
Feb.....	119.4	99.3	125.1	111.3	96.5	130.4	105.7	128.6	120.0	131.6	132.3	142.2	130.4	100.8	139.6
Mar.....	119.9	99.9	126.1	111.5	97.2	130.9	105.8	129.3	120.2	132.5	132.6	142.8	130.7	100.6	140.1
Apr.....	120.4	100.6	126.4	112.8	97.7	131.3	105.8	129.8	120.6	133.0	133.0	143.6	130.8	100.5	140.3
May.....	120.4	100.5	126.6	112.4	97.7	131.3	105.7	129.8	120.8	133.0	132.8	143.9	130.9	100.4	140.5
June.....	120.5	100.4	127.4	112.0	97.6	131.5	105.2	129.8	120.7	133.0	133.4	144.3	131.2	100.3	140.9
July.....	120.7	100.3	129.0	112.5	97.4	131.9	105.8	130.4	121.2	133.6	133.7	144.8	131.1	100.1	140.9
Aug.....	120.9	100.2	122.7	111.6	97.6	132.2	105.6	130.6	121.2	133.8	133.7	145.6	131.4	100.5	141.1
Sept.....	121.4	100.8	130.2	111.1	98.2	132.6	106.3	131.1	121.5	134.5	134.5	146.1	131.2	100.3	140.8
Oct.....	121.2	100.2	130.5	111.7	97.4	132.7	105.7	131.0	121.8	134.2	135.2	146.4	131.5	100.4	141.2
Nov.....	121.6	100.9	131.3	112.8	98.0	132.9	106.1	130.9	121.7	134.1	135.8	147.3	131.9	100.6	141.7
Dec.....	122.0	101.1	131.8	112.4	98.2	133.4	106.5	131.5	122.1	134.8	136.5	147.7	132.1	100.0	142.1
1977: Jan ^P	122.3	100.8	132.8	110.4	98.7	133.8	106.8	132.1	122.4	135.5	137.0	148.6	132.1	100.7	141.9

p = preliminary.

NOTE: Data include Alaska and Hawaii beginning 1959. This inclusion has resulted in an

increase of 212,000 (0.4 percent) in the nonagricultural total for the March 1959 benchmark month.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

B-5. Employees on nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

[In thousands]

Industry division and group	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. ^P	Jan. ^P
TOTAL	78,406	78,635	78,980	79,312	79,319	79,368	79,513	79,618	79,918	79,819	80,106	80,322	80,553
GOODS-PRODUCING	23,066	23,112	23,248	23,403	23,381	23,357	23,344	23,310	23,463	23,323	23,489	23,514	23,449
MINING	767	767	773	775	776	781	791	752	798	800	805	808	814
CONTRACT CONSTRUCTION	3,595	3,571	3,578	3,620	3,605	3,592	3,608	3,579	3,565	3,582	3,619	3,606	3,541
MANUFACTURING	18,704	18,774	18,897	19,008	19,000	18,984	18,945	18,979	19,100	18,941	19,065	19,100	19,194
DURABLE GOODS	10,810	10,857	10,956	11,016	11,062	11,059	11,034	11,083	11,146	11,018	11,128	11,163	11,224
Ordnance and accessories	162	161	161	160	160	158	156	157	156	155	156	157	157
Lumber and wood products	591	594	597	600	601	601	605	605	613	613	621	626	622
Furniture and fixtures	477	484	488	493	496	493	490	486	495	491	491	493	492
Stone, clay, and glass products	617	615	618	626	627	628	631	628	630	630	636	631	642
Primary metal industries	1,159	1,166	1,178	1,187	1,193	1,200	1,206	1,215	1,216	1,194	1,186	1,181	1,180
Fabricated metal products	1,357	1,369	1,380	1,387	1,392	1,390	1,387	1,394	1,404	1,387	1,396	1,405	1,414
Machinery, except electrical	2,035	2,039	2,047	2,056	2,068	2,069	2,084	2,090	2,115	2,078	2,106	2,107	2,124
Electrical equipment and supplies	1,782	1,797	1,818	1,830	1,837	1,837	1,815	1,843	1,848	1,849	1,860	1,864	1,871
Transportation equipment	1,714	1,710	1,739	1,742	1,747	1,743	1,728	1,737	1,737	1,695	1,749	1,766	1,775
Instruments and related products	497	500	505	509	512	513	512	510	512	511	514	517	522
Miscellaneous manufacturing	419	422	425	426	429	427	420	418	420	415	413	416	425
NONDURABLE GOODS	7,894	7,917	7,941	7,992	7,938	7,925	7,911	7,896	7,954	7,923	7,937	7,937	7,970
Food and kindred products	1,698	1,706	1,698	1,707	1,712	1,718	1,719	1,715	1,711	1,706	1,711	1,709	1,720
Tobacco manufactures	79	77	75	76	76	75	80	78	76	76	75	74	73
Textile mill products	958	963	966	973	977	973	970	969	971	961	960	958	965
Apparel and other textile products	1,311	1,309	1,319	1,322	1,321	1,320	1,299	1,292	1,281	1,273	1,276	1,271	1,276
Paper and allied products	664	669	671	677	679	678	680	679	681	677	680	680	677
Printing and publishing	1,070	1,069	1,074	1,076	1,079	1,077	1,082	1,082	1,086	1,087	1,089	1,088	1,092
Chemicals and allied products	1,024	1,029	1,030	1,036	1,034	1,029	1,037	1,040	1,035	1,032	1,038	1,043	1,042
Petroleum and coal products	203	204	204	205	203	202	201	202	202	202	203	203	206
Rubber and plastics products, nec	612	614	627	641	578	577	572	572	643	645	642	648	654
Leather and leather products	275	277	277	279	279	276	271	267	268	264	263	263	265
SERVICE-PRODUCING	55,340	55,523	55,732	55,909	55,938	56,011	56,169	56,308	56,455	56,496	56,617	56,808	57,004
TRANSPORTATION AND PUBLIC UTILITIES	4,489	4,504	4,507	4,510	4,503	4,482	4,508	4,501	4,528	4,506	4,519	4,538	4,550
WHOLESALE AND RETAIL TRADE	17,388	17,496	17,592	17,662	17,663	17,664	17,737	17,764	17,839	17,824	17,808	17,895	17,975
WHOLESALE TRADE	4,214	4,231	4,236	4,250	4,258	4,254	4,271	4,272	4,283	4,292	4,291	4,305	4,313
RETAIL TRADE	13,174	13,265	13,356	13,412	13,405	13,410	13,466	13,492	13,556	13,532	13,517	13,590	13,662
FINANCE, INSURANCE, AND REAL ESTATE	4,266	4,266	4,276	4,289	4,282	4,301	4,312	4,312	4,338	4,359	4,381	4,402	4,419
SERVICES	14,342	14,397	14,460	14,536	14,567	14,610	14,664	14,751	14,798	14,819	14,873	14,918	15,004
Hotels and other lodging places	1,037	1,044	1,045	1,053	1,056	1,044	1,060	1,061	1,068	1,069	1,071	1,077	-
Personal services	832	832	827	826	824	822	823	817	814	809	809	808	-
Medical and other health services	4,317	4,333	4,359	4,385	4,409	4,439	4,476	4,505	4,519	4,548	4,548	4,581	-
Educational services	1,240	1,243	1,254	1,262	1,255	1,248	1,252	1,266	1,283	1,273	1,277	1,274	-
GOVERNMENT	14,855	14,860	14,897	14,912	14,923	14,954	14,948	14,980	14,952	14,988	15,036	15,055	15,056
FEDERAL	2,749	2,742	2,735	2,733	2,730	2,728	2,723	2,732	2,728	2,730	2,734	2,720	2,739
STATE AND LOCAL	12,106	12,118	12,162	12,179	12,193	12,226	12,225	12,248	12,224	12,258	12,302	12,335	12,317

p = preliminary.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOMENT**

**B-6. Production or nonsupervisory workers¹ on private nonagricultural payrolls,
by industry division and major manufacturing group, seasonally adjusted**

[In thousands]

Industry division and group	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. ^P	Jan. ^P
TOTAL	52,250	52,460	52,728	53,004	52,998	53,007	53,104	53,151	53,474	53,309	53,498	53,638	53,784
GOODS-PRODUCING	16,867	16,894	17,012	17,154	17,141	17,101	17,085	17,029	17,180	17,032	17,172	17,172	17,200
MINING	582	581	587	588	588	592	599	561	605	605	612	613	614
CONTRACT CONSTRUCTION	2,852	2,817	2,823	2,866	2,860	2,844	2,868	2,841	2,826	2,852	2,885	2,858	2,777
MANUFACTURING	13,433	13,496	13,602	13,700	13,693	13,665	13,618	13,627	13,749	13,575	13,675	13,701	13,809
DURABLE GOODS	7,689	7,734	7,815	7,871	7,916	7,905	7,878	7,911	7,975	7,833	7,929	7,959	8,024
Ordnance and accessories	73	73	73	73	73	72	71	71	70	69	69	70	72
Lumber and wood products	495	497	500	501	503	504	507	507	515	515	522	528	525
Furniture and fixtures	390	397	400	405	408	405	401	398	408	403	403	406	402
Stone, clay, and glass products	491	489	492	499	500	501	503	499	503	501	506	500	510
Primary metal industries	903	910	922	931	938	943	952	956	959	934	926	923	925
Fabricated metal products	1,019	1,030	1,039	1,047	1,052	1,049	1,045	1,051	1,062	1,044	1,051	1,061	1,067
Machinery, except electrical	1,312	1,318	1,323	1,329	1,342	1,336	1,347	1,350	1,370	1,329	1,357	1,358	1,379
Electrical equipment and supplies	1,168	1,180	1,198	1,210	1,218	1,218	1,199	1,222	1,224	1,224	1,232	1,233	1,233
Transportation equipment	1,214	1,211	1,234	1,239	1,241	1,236	1,219	1,228	1,230	1,186	1,236	1,250	1,268
Instruments and related products	301	304	306	310	312	313	314	311	312	311	312	315	317
Miscellaneous manufacturing	323	325	328	327	329	328	320	318	322	317	315	315	326
NONDURABLE GOODS	5,744	5,762	5,787	5,829	5,777	5,760	5,740	5,716	5,772	5,742	5,746	5,742	5,785
Food and kindred products	1,156	1,164	1,157	1,164	1,167	1,172	1,177	1,168	1,164	1,159	1,161	1,157	1,173
Tobacco manufactures	65	64	62	63	63	62	67	65	63	63	63	61	60
Textile mill products	836	841	844	850	855	850	847	845	848	838	835	834	839
Apparel and other textile products	1,132	1,128	1,137	1,140	1,139	1,138	1,115	1,109	1,100	1,091	1,093	1,090	1,095
Paper and allied products	503	504	508	513	516	517	516	514	515	512	515	516	518
Printing and publishing	627	627	629	630	632	630	630	629	632	632	632	631	631
Chemicals and allied products	582	587	588	591	592	587	591	595	589	588	590	591	595
Petroleum and coal products	131	132	132	134	132	130	130	130	130	131	132	133	134
Rubber and plastics products, nec	474	476	490	503	439	436	433	432	504	502	501	506	513
Leather and leather products	238	239	240	241	242	238	234	229	229	226	224	223	227
SERVICE-PRODUCING	35,383	35,566	35,716	35,850	35,857	35,706	36,019	36,120	36,294	36,277	36,326	36,466	36,584
TRANSPORTATION AND PUBLIC UTILITIES	3,846	3,864	3,863	3,869	3,859	3,840	3,859	3,854	3,877	3,856	3,861	3,873	3,858
WHOLESALE AND RETAIL TRADE	15,366	15,472	15,553	15,618	15,620	15,623	15,668	15,700	15,771	15,761	15,734	15,791	15,870
WHOLESALE TRADE	3,488	3,502	3,505	3,520	3,528	3,523	3,532	3,534	3,547	3,554	3,553	3,564	3,566
RETAIL TRADE	11,878	11,970	12,048	12,098	12,092	12,100	12,136	12,166	12,224	12,207	12,181	12,227	12,304
FINANCE, INSURANCE, AND REAL ESTATE	3,258	3,258	3,268	3,276	3,263	3,280	3,288	3,289	3,309	3,325	3,345	3,363	3,375
SERVICES	12,913	12,972	13,032	13,087	13,115	13,163	13,204	13,279	13,337	13,335	13,386	13,439	13,481

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

p=preliminary.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT**

B-7. Indexes of diffusion: Percent of industries in which employment¹ increased, 1974 to date

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
1974				
January	58.7	61.6	64.8	63.1
February	55.8	55.2	56.4	59.6
March	48.0	54.7	54.7	54.9
April	54.7	52.3	51.5	50.0
May	54.7	57.0	50.3	40.1
June	54.4	50.9	44.5	28.2
July	49.1	44.2	35.8	26.7
August	42.2	36.0	32.0	22.1
September	32.6	35.5	21.8	20.6
October	35.5	26.2	15.7	18.6
November	19.8	21.8	16.0	16.6
December	19.8	12.8	13.7	14.0
1975				
January	16.9	12.5	13.7	16.3
February	16.9	14.0	12.8	17.4
March	27.3	22.7	18.9	17.2
April	44.2	34.6	29.1	20.3
May	51.2	43.6	40.7	25.6
June	39.8	47.7	59.0	40.1
July	57.3	55.5	63.4	50.3
August	72.4	75.0	66.6	61.9
September	81.4	78.8	72.4	71.5
October	64.0	70.6	78.8	75.9
November	59.6	69.2	79.4	79.1
December	69.2	75.0	77.6	81.4
1976				
January	76.7	82.0	82.8	84.6
February	74.4	84.3	83.1	82.8
March	77.9	84.9	77.0	79.4
April	77.9	81.1	77.0	73.5
May	63.4	70.6	71.5	79.7
June	47.1	57.0	70.9	79.7p
July	52.9	47.4	55.2	74.4p
August	49.1	65.1	55.2	
September	68.9	54.9	62.2p	
October	39.0	59.9	69.8p	
November	64.2	52.9p		
December	67.2p	74.7p		
1977				
January	66.6p			
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				

¹ Number of employees, seasonally adjusted, on payrolls of 172 private nonagricultural industries.
p = preliminary.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P
1 ALABAMA	1,172.0	1,195.7	1,198.1	12.0	12.0	12.0	68.2	69.5	67.0	327.5	333.1	332.0
2 Birmingham	310.4	311.6	(*)	7.9	8.3	(*)	18.1	19.5	(*)	66.7	65.0	(*)
3 Huntsville	100.3	101.1	101.3	(1)	(1)	(1)	3.9	4.2	4.0	24.1	26.3	26.3
4 Mobile	125.4	127.0	126.1	(1)	(1)	(1)	9.5	9.5	9.3	26.2	26.4	25.1
5 Montgomery	87.2	87.1	87.3	(1)	(1)	(1)	5.5	5.7	5.6	13.2	13.5	13.5
6 Tuscaloosa	46.8	47.1	46.7	(1)	(1)	(1)	2.9	3.0	2.9	10.9	10.7	10.7
7 ALASKA	158.1	161.8	150.7	4.0	4.2	4.2	25.0	28.3	20.2	7.2	9.1	8.3
8 ARIZONA	741.3	759.9	766.4	23.7	24.8	24.8	41.1	40.9	41.0	97.6	102.1	102.5
9 Phoenix	440.9	453.2	457.7	.4	.4	.4	22.9	23.0	23.1	70.8	75.4	75.8
10 Tucson	146.3	148.2	149.4	7.4	8.1	8.1	9.3	9.4	9.5	12.1	12.2	12.1
11 ARKANSAS	630.1	649.0	651.9	4.2	4.0	4.0	27.8	30.7	30.7	178.5	187.4	187.5
12 Fayetteville-Springdale	49.5	51.1	51.0	(1)	(1)	(1)	2.1	2.2	2.4	14.1	15.5	15.2
13 Fort Smith	55.2	57.8	57.9	.3	.3	.3	2.1	2.4	2.4	19.8	21.5	21.6
14 Little Rock-North Little Rock	151.4	154.6	154.8	(1)	(1)	(1)	8.3	8.9	8.7	26.4	27.9	27.5
15 Pine Bluff	25.7	26.0	26.0	(1)	(1)	(1)	.9	.9	.8	5.5	5.6	5.6
16 CALIFORNIA	7,919.4	8,061.6	8,136.4	32.4	33.5	33.6	283.1	284.9	281.8	1,576.5	1,606.0	1,597.6
17 Anaheim-Santa Ana-Garden Grove	589.7	620.1	624.8	2.2	2.1	2.1	21.1	29.6	29.2	154.0	157.5	157.4
18 Bakersfield	104.0	105.7	106.1	7.4	7.5	7.7	3.6	4.0	3.8	8.9	8.8	8.7
19 Fresno	148.1	153.3	152.3	.8	.8	.8	6.3	6.7	6.7	20.2	21.2	20.1
20 Los Angeles-Long Beach	3,090.1	3,102.7	3,129.8	11.1	11.5	11.6	92.7	87.8	87.3	778.5	786.6	784.3
21 Modesto	69.0	71.3	70.9	.1	.1	.1	3.3	3.7	3.5	16.3	17.0	16.4
22 Oxnard-Simi Valley-Ventura	113.5	115.5	116.3	1.7	1.8	1.8	3.7	3.3	3.3	16.0	16.7	16.8
23 Riverside-San Bernardino-Ontario	338.5	343.3	347.0	2.3	2.2	2.0	11.8	12.6	12.7	49.6	52.0	51.5
24 Sacramento	318.1	327.1	328.1	.4	.4	.4	11.8	12.5	11.8	22.0	23.0	22.9
25 Salinas-Seaside-Monterey	75.3	76.8	76.1	.6	.6	.6	2.5	2.6	2.6	9.1	9.4	8.9
26 San Diego	476.2	487.3	489.7	.5	.5	.5	19.5	21.9	21.9	70.1	70.7	70.7
27 San Francisco-Oakland	1,323.7	1,340.1	1,349.9	1.6	1.6	1.6	56.6	57.9	57.2	185.4	189.1	188.8
28 San Jose	477.6	496.2	496.5	.1	.1	.1	17.1	19.0	18.8	152.6	159.0	158.0
29 Santa Barbara-Santa Maria-Lompoc	95.6	99.3	99.0	.7	.7	.7	3.0	3.2	3.2	12.5	13.6	13.2
30 Santa Rosa	65.3	68.7	68.6	.2	.2	.2	2.9	3.5	3.3	9.3	10.1	9.8
31 Stockton	100.4	102.8	101.4	.1	.1	.1	3.6	4.1	3.9	17.7	18.1	17.3
32 Vallejo-Fairfield-Napa	82.3	83.4	83.7	.1	.1	.1	3.3	3.0	2.7	8.2	8.5	8.6
33 COLORADO	962.2	988.9	(*)	19.2	20.5	(*)	53.7	56.8	(*)	136.4	140.7	(*)
34 Denver-Boulder	609.8	626.0	(*)	7.7	8.1	(*)	35.5	37.0	(*)	92.0	95.4	(*)
35 CONNECTICUT	1,231.6	1,240.3	1,247.2	(2)	(2)	(2)	39.4	40.2	37.3	390.9	397.8	398.3
36 Bridgeport	150.1	148.8	149.3	(2)	(2)	(2)	4.1	4.4	4.2	58.4	58.3	58.2
37 Hartford	340.0	339.4	343.3	(2)	(2)	(2)	10.2	10.8	9.7	84.8	83.5	84.2
38 New Britain	56.2	56.1	56.5	(2)	(2)	(2)	2.0	2.3	2.1	26.6	26.4	26.5
39 New Haven-West Haven	174.6	175.1	175.2	(2)	(2)	(2)	6.0	5.9	5.5	44.2	43.1	43.2
40 Stamford	89.6	91.7	92.6	(2)	(2)	(2)	2.7	2.9	2.7	27.9	28.9	29.2
41 Waterbury	81.5	83.0	83.3	(2)	(2)	(2)	2.5	2.5	2.4	33.1	34.4	34.4
42 DELAWARE	227.0	231.5	231.3	(1)	(1)	(1)	15.1	14.5	14.0	67.4	66.6	66.6
43 Wilmington	203.5	208.2	208.1	(1)	(1)	(1)	13.7	13.6	13.2	65.3	65.0	65.2
44 DISTRICT OF COLUMBIA ³	573.8	582.3	583.0	(1)	(1)	(1)	18.9	20.3	19.8	14.2	16.3	16.3
45 Washington SMSA	1,341.3	1,362.0	1,368.0	(1)	(1)	(1)	69.3	74.0	71.6	44.4	47.4	47.4
46 FLORIDA	2,752.5	2,727.3	2,765.1	10.9	11.3	11.3	154.2	139.3	138.0	333.9	345.7	348.0
47 Fort Lauderdale-Hollywood	235.3	230.9	236.3	(1)	(1)	(1)	16.6	14.6	14.6	24.5	25.3	25.1
48 Jacksonville	259.8	261.1	263.1	(1)	(1)	(1)	14.2	13.5	13.8	28.8	29.7	29.8
49 Miami	581.1	581.9	585.1	(1)	(1)	(1)	22.0	21.4	21.4	79.6	84.5	83.2
50 Orlando	209.2	211.5	213.6	(1)	(1)	(1)	13.4	13.3	13.4	23.2	23.5	23.8
51 Pensacola	86.1	86.7	86.6	(1)	(1)	(1)	6.8	7.1	7.1	13.9	13.5	13.4
52 Tampa-St. Petersburg	417.1	412.0	414.8	(1)	(1)	(1)	24.9	23.3	22.9	54.9	55.3	55.2
53 West Palm Beach-Boca Raton	145.1	145.5	148.8	(1)	(1)	(1)	10.8	9.9	10.0	17.9	18.0	18.2
54 GEORGIA	1,758.8	1,778.2	1,780.9	6.9	6.8	6.8	76.4	75.7	73.6	453.6	463.4	463.9
55 Atlanta	740.8	752.5	753.7	(1)	(1)	(1)	32.7	33.1	33.1	118.9	122.2	122.3
56 Augusta	104.9	108.7	109.5	(1)	(1)	(1)	5.2	6.1	6.3	32.5	33.5	33.3
57 Columbus	76.1	76.0	76.7	(1)	(1)	(1)	4.9	5.1	4.6	20.8	21.9	22.2
58 Macon	91.7	89.3	90.4	(1)	(1)	(1)	4.6	4.0	4.0	13.9	14.7	14.7
59 Savannah	72.7	75.7	75.6	(1)	(1)	(1)	4.6	4.8	4.6	14.9	15.8	15.7
60 HAWAII	339.1	340.9	344.4	(1)	(1)	(1)	25.4	22.4	22.3	23.0	22.3	22.8
61 Honolulu	285.9	286.6	289.8	(1)	(1)	(1)	21.7	18.6	18.6	16.5	16.0	16.4

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls 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			
DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	
59.6	61.7	61.5	235.9	238.1	245.2	50.6	51.8	51.9	171.1	175.7	175.3	247.1	253.8	253.2	1
22.0	23.1	(*)	75.1	73.8	(*)	19.7	20.1	(*)	52.5	53.1	(*)	48.4	48.7	(*)	2
2.0	2.1	2.0	19.3	19.1	19.7	2.8	2.8	2.8	15.9	15.9	15.9	32.3	30.7	30.6	3
9.5	9.8	9.6	30.0	29.5	29.9	6.0	6.3	6.3	23.4	24.3	24.3	20.8	21.2	21.6	4
4.1	4.2	4.2	21.2	20.4	20.7	5.1	5.2	5.2	15.3	15.3	15.3	22.8	22.8	22.8	5
1.8	1.8	1.7	8.1	8.1	8.1	1.4	1.5	1.5	5.3	5.5	5.5	16.4	16.5	16.3	6
15.9	15.7	15.6	27.9	26.8	27.0	6.5	7.0	6.9	25.1	25.2	23.3	46.5	45.5	45.2	7
38.8	39.0	39.2	181.4	181.9	186.7	42.1	43.0	43.0	138.4	146.2	146.1	178.2	182.0	183.1	8
23.2	23.4	23.5	117.7	119.1	122.6	32.5	33.4	33.4	85.4	88.6	88.5	88.0	89.9	90.4	9
7.6	7.5	7.5	33.1	32.3	33.2	5.9	5.9	5.8	28.8	29.9	29.9	42.1	42.9	43.3	10
36.6	37.2	36.0	138.8	139.8	142.5	27.8	29.5	29.6	91.3	95.4	95.8	125.1	125.0	125.8	11
3.0	3.0	3.0	11.3	11.2	11.4	2.2	2.3	2.3	7.2	7.2	7.1	9.6	9.7	9.6	12
2.8	2.9	2.9	12.3	12.4	12.7	2.0	2.1	2.1	8.6	8.9	9.0	7.3	6.9	6.9	13
11.6	11.8	11.7	35.5	35.5	36.2	11.0	11.6	11.6	25.6	25.8	25.9	33.0	33.1	33.2	14
3.2	3.2	3.1	5.1	5.1	5.1	1.1	1.2	1.3	4.1	4.2	4.3	5.8	5.8	5.8	15
451.8	466.8	471.3	1,862.1	1,862.6	1,929.8	457.1	472.5	474.3	1,581.9	1,628.2	1,632.9	1,674.5	1,707.1	1,715.1	16
18.0	18.8	18.8	153.0	158.9	163.2	33.4	35.6	35.8	112.1	118.4	118.5	95.9	99.2	99.8	17
6.9	7.3	7.3	25.3	25.2	26.0	3.9	3.9	3.9	18.2	18.9	18.6	29.8	30.1	30.1	18
9.2	9.5	9.3	37.4	37.5	38.6	7.2	7.3	7.5	28.1	30.2	29.6	38.9	40.1	39.7	19
171.2	174.6	178.5	727.6	721.9	743.9	187.3	191.1	191.7	636.1	645.2	647.6	485.6	484.0	484.9	20
3.3	3.3	3.3	15.9	16.1	16.5	1.9	1.9	1.9	13.7	14.3	14.1	14.5	14.9	15.1	21
4.4	4.4	4.5	26.3	26.7	27.2	4.4	4.4	4.4	20.7	21.5	21.5	36.3	36.7	36.8	22
18.7	18.5	18.5	84.8	84.5	87.4	12.3	12.5	12.5	69.7	70.2	70.6	89.3	90.8	91.8	23
16.9	17.5	17.4	72.7	75.4	76.8	13.8	14.4	14.3	50.6	51.9	52.2	129.9	132.0	132.3	24
4.4	4.4	4.4	19.4	20.0	20.0	2.9	3.0	3.0	15.2	15.6	15.3	21.2	21.2	21.3	25
22.1	23.1	22.9	113.8	114.2	116.8	25.9	27.2	27.3	96.2	100.2	100.3	128.1	129.5	129.3	26
112.7	121.9	122.1	300.1	295.9	304.6	114.2	116.1	116.2	266.6	271.0	272.0	286.5	286.6	287.4	27
18.8	18.7	18.8	96.6	99.4	102.0	18.9	19.8	19.9	97.5	103.1	101.7	76.0	77.1	77.2	28
3.0	3.0	3.0	22.0	22.5	22.6	4.2	4.2	4.2	23.9	24.1	24.1	26.3	28.0	28.0	29
3.4	3.5	3.5	16.1	16.9	17.2	4.2	4.4	4.4	11.9	12.4	12.4	17.3	17.7	17.8	30
7.7	7.8	7.7	22.8	23.5	23.5	3.7	3.8	3.8	18.4	19.0	18.8	26.4	26.4	26.3	31
3.7	3.7	3.7	14.9	15.1	15.5	2.3	2.3	2.3	14.4	15.1	15.0	35.4	35.6	35.8	32
60.4	60.6	(*)	235.7	237.1	(*)	56.1	59.4	(*)	184.6	194.6	(*)	216.1	219.3	(*)	33
40.7	40.2	(*)	156.9	156.5	(*)	41.8	44.1	(*)	119.1	126.7	(*)	116.1	117.9	(*)	34
52.6	51.3	51.8	261.0	259.1	267.1	85.1	86.3	86.5	222.6	230.5	230.5	179.9	175.1	175.8	35
6.0	6.0	6.0	32.2	31.0	31.8	6.0	6.0	6.0	25.3	25.3	25.3	18.2	17.8	17.7	36
12.0	11.8	12.0	75.1	74.6	76.9	49.2	50.0	51.0	57.2	58.2	58.2	51.5	50.8	51.5	37
1.8	1.8	1.8	9.7	9.5	10.0	1.5	1.5	1.5	7.7	7.8	7.8	6.9	6.7	6.7	38
14.4	14.5	14.5	36.4	36.4	37.0	8.6	9.0	9.0	41.3	42.5	42.3	23.7	23.8	23.9	39
3.0	2.7	2.8	20.7	20.6	21.2	6.1	6.2	6.2	20.3	20.8	20.8	9.0	9.6	9.7	40
3.0	3.0	3.0	14.8	14.7	15.2	2.9	2.9	2.9	14.5	15.2	15.1	10.9	10.2	10.3	41
11.5	11.6	11.6	46.8	46.3	46.5	11.3	11.2	11.3	36.8	37.5	37.8	38.1	43.8	43.5	42
10.4	10.5	10.6	39.2	39.6	39.7	10.3	10.2	10.2	32.6	33.3	33.6	32.0	36.0	35.6	43
28.2	29.0	29.0	66.1	67.9	68.6	32.8	32.9	33.0	147.1	150.6	150.5	266.5	265.3	265.8	44
63.0	63.6	64.1	264.2	267.9	273.0	77.6	79.4	79.7	307.2	313.8	313.7	515.6	515.9	518.2	45
177.0	185.1	186.6	738.3	717.0	738.0	192.4	193.0	191.8	590.1	589.2	600.4	555.7	546.7	551.0	46
13.7	13.8	13.8	68.9	67.8	70.5	18.2	18.7	18.9	55.7	51.7	54.0	37.7	39.0	39.4	47
20.7	20.8	20.8	69.7	70.6	71.9	27.3	27.2	27.1	46.4	46.4	46.4	52.7	52.9	53.3	48
54.2	57.7	58.0	155.5	148.9	150.4	43.5	44.1	44.4	141.0	138.7	140.8	85.3	86.6	86.9	49
11.7	11.6	11.7	59.3	60.0	60.9	14.0	13.9	13.9	51.8	53.0	53.7	35.8	36.2	36.2	50
4.3	4.2	4.2	18.8	19.3	19.3	3.5	3.6	3.5	14.7	14.9	14.9	24.1	24.1	24.1	51
26.2	25.9	25.9	122.4	118.4	120.7	28.9	29.2	29.2	89.3	88.3	89.7	70.5	71.6	71.2	52
6.5	6.5	6.5	39.9	39.2	40.9	10.5	10.4	10.6	35.8	36.7	37.7	23.7	24.8	24.9	53
113.7	113.7	114.6	397.2	393.4	397.0	96.4	95.4	95.2	253.2	257.1	257.3	361.4	372.7	372.5	54
68.4	68.7	69.0	205.7	206.8	207.7	57.4	57.9	57.9	130.4	134.7	134.7	127.3	129.1	129.0	55
3.8	3.9	3.9	18.9	19.9	20.5	3.6	3.7	3.7	13.5	14.4	14.6	27.4	27.2	27.2	56
2.7	2.7	2.8	15.5	14.6	15.4	4.5	4.7	4.7	9.8	9.7	9.7	17.9	17.3	17.3	57
3.6	3.5	3.5	19.2	18.8	19.7	5.5	5.4	5.3	14.1	13.6	13.8	30.8	29.3	29.4	58
7.7	7.0	7.2	16.5	17.8	17.8	3.6	3.6	3.7	12.0	12.6	12.6	13.4	14.1	14.0	59
24.6	25.8	25.8	86.1	85.8	87.6	23.5	24.0	24.1	72.2	75.3	75.2	84.3	85.3	86.6	60
20.5	21.8	21.8	73.3	73.4	75.0	21.2	21.6	21.6	59.8	62.0	62.0	72.9	73.2	74.4	61

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P
1 IDAHO ⁴	276.4	299.3	297.7	3.7	3.3	3.2	15.2	19.9	18.3	49.7	53.9	53.4
2 Boise City ⁴	61.0	66.1	66.4	(1)	(1)	(1)	4.8	5.5	5.4	6.0	6.4	6.5
3 ILLINOIS	4,431.2	4,481.9	4,486.4	26.0	27.1	27.0	163.3	174.6	161.0	1,172.0	1,192.2	1,192.8
4 Bloomington—Normal	47.5	47.8	48.0	(2)	(2)	(2)	1.6	1.6	1.5	7.0	7.0	7.2
5 Champaign—Urbana—Rantoul	67.7	74.0	74.0	(2)	(2)	(2)	2.2	3.0	2.7	6.5	6.6	6.5
6 Chicago—Gary	3,216.9	3,264.8	(*)	4.1	4.1	(*)	110.2	124.1	(*)	888.6	908.5	(*)
7 Chicago SMSA ⁵	2,986.7	3,028.3	3,040.7	4.0	4.0	3.9	98.4	108.3	101.9	794.8	814.0	814.5
8 Davenport—Rock Island—Moline	149.7	154.3	154.7	(2)	(2)	(2)	6.1	6.1	5.5	45.9	48.8	48.8
9 Decatur	52.4	53.9	54.6	(2)	(2)	(2)	2.7	3.2	3.1	18.8	19.3	19.1
10 Peoria	144.7	145.7	144.9	(2)	(2)	(2)	8.4	9.6	9.2	51.6	50.4	50.3
11 Rockford	111.8	115.0	115.2	(2)	(2)	(2)	3.7	4.2	3.9	48.7	50.9	50.9
12 Springfield	78.5	78.2	78.0	(2)	(2)	(2)	2.7	3.6	3.0	8.9	8.3	8.2
13 INDIANA	1,951.3	2,005.0	2,004.1	7.6	8.0	7.6	78.3	84.8	79.7	649.5	679.3	680.3
14 Evansville	105.6	107.2	107.7	2.2	2.3	2.2	4.8	5.1	5.0	32.9	34.3	34.6
15 Fort Wayne	148.6	156.5	156.3	(1)	(1)	(1)	5.5	6.6	6.1	50.9	56.1	55.7
16 Gary—Hammond—East Chicago ⁵	230.2	234.5	233.2	(1)	(1)	(1)	11.8	13.5	12.8	93.8	97.3	96.7
17 Indianapolis	449.4	449.9	450.1	(1)	(1)	(1)	13.7	13.8	13.3	119.6	119.6	119.6
18 Muncie	46.0	46.0	47.3	(1)	(1)	(1)	1.3	1.6	1.5	14.5	13.5	14.8
19 South Bend	95.7	101.6	101.3	(1)	(1)	(1)	3.5	3.7	3.6	29.6	30.9	30.6
20 Terre Haute	58.8	58.3	58.2	1.0	1.1	1.1	2.0	2.1	2.0	16.2	15.8	15.6
21 IOWA	1,007.1	1,029.8	1,031.7	2.7	2.8	2.6	44.3	48.9	44.3	224.7	234.8	237.5
22 Cedar Rapids	74.4	75.9	75.8	(1)	(1)	(1)	3.1	2.7	2.5	26.4	27.9	27.8
23 Des Moines	156.8	156.7	159.9	(1)	(1)	(1)	6.7	6.8	6.4	24.4	22.3	24.7
24 Dubuque	39.9	40.4	40.5	(1)	(1)	(1)	1.2	1.1	1.0	15.5	16.2	16.1
25 Sioux City	49.6	50.8	49.7	(1)	(1)	(1)	2.9	3.9	3.4	12.3	12.1	11.6
26 Waterloo—Cedar Falls	57.8	57.9	58.9	(1)	(1)	(1)	2.2	2.2	2.0	20.7	19.7	20.8
27 KANSAS	816.2	840.9	841.9	10.6	11.0	10.9	38.8	43.1	41.1	162.1	164.7	164.2
28 Topeka	75.7	76.8	77.1	.1	.1	.1	2.5	3.2	3.0	10.3	10.2	10.4
29 Wichita	166.6	174.1	173.9	2.1	2.2	2.2	7.6	9.1	8.6	52.2	53.5	53.0
30 KENTUCKY	1,054.5	1,081.7	1,079.3	44.7	44.4	44.5	47.2	56.6	52.8	256.6	263.1	265.3
31 Lexington—Fayette	121.4	125.9	125.6	(1)	(1)	(1)	5.4	5.4	5.1	29.1	29.8	30.0
32 Louisville	350.6	351.3	342.7	(1)	(1)	(1)	13.7	14.7	13.6	105.9	104.2	97.3
33 LOUISIANA	1,216.1	1,216.1	1,220.9	55.5	55.1	55.1	90.4	90.9	90.5	182.9	185.1	184.9
34 Baton Rouge	159.0	157.9	157.9	.9	.9	.9	16.8	18.5	18.1	21.7	22.2	22.3
35 Lake Charles	48.1	50.7	50.3	1.3	1.3	1.4	4.8	5.9	5.6	10.5	11.3	11.3
36 Monroe	43.4	43.7	43.8	.3	.3	.3	4.0	3.8	3.8	6.7	6.8	6.8
37 New Orleans	424.6	429.6	431.9	15.6	16.7	16.6	26.2	26.7	26.7	49.4	50.1	50.0
38 Shreveport	127.0	127.6	128.0	4.4	4.4	4.4	8.3	8.4	8.3	25.2	25.4	25.9
39 MAINE	359.3	369.4	368.8	(1)	(1)	(1)	16.9	19.6	17.6	99.1	102.6	101.2
40 Lewiston—Auburn	29.8	30.7	30.9	(1)	(1)	(1)	.9	1.1	1.0	11.1	11.7	11.7
41 Portland	75.9	77.8	78.2	(1)	(1)	(1)	2.6	3.6	3.2	15.7	15.8	15.6
42 MARYLAND ⁶	1,449.3	1,470.9	1,474.3	1.7	1.7	1.7	90.8	95.6	91.3	226.8	231.8	230.8
43 Baltimore	856.6	865.1	866.8	.3	.3	.3	43.2	45.1	42.4	159.6	161.7	160.5
44 MASSACHUSETTS	2,299.1	2,320.6	2,323.8	(1)	(1)	(1)	70.5	68.3	62.9	581.8	593.8	592.9
45 Boston	1,276.1	1,269.3	1,269.5	(1)	(1)	(1)	44.0	39.5	37.1	253.5	258.8	257.9
46 Brockton	50.4	52.0	51.9	(1)	(1)	(1)	1.4	1.4	1.4	11.6	11.9	11.8
47 Fall River	49.8	49.3	48.9	(1)	(1)	(1)	(1)	(1)	(1)	20.5	19.2	19.4
48 Lawrence—Haverhill	94.0	93.2	92.5	(1)	(1)	(1)	2.1	2.1	1.9	37.3	35.0	35.2
49 Lowell	60.2	60.9	61.6	(1)	(1)	(1)	1.9	1.6	1.7	20.0	20.6	20.9
50 New Bedford	58.7	58.2	58.6	(1)	(1)	(1)	1.1	1.0	.9	24.1	24.1	24.5
51 Springfield—Chicopee—Holyoke	213.7	215.0	214.7	(1)	(1)	(1)	6.0	6.2	5.9	62.3	63.4	62.8
52 Worcester	143.3	145.9	146.5	(1)	(1)	(1)	4.2	4.3	4.2	41.2	42.7	42.7
53 MICHIGAN	3,196.3	3,283.2	3,293.5	13.4	12.9	11.3	88.7	91.6	83.5	1,015.1	1,081.9	1,084.6
54 Ann Arbor	116.5	123.4	123.6	(1)	(1)	(1)	1.7	2.0	1.8	34.4	38.7	39.0
55 Battle Creek	62.2	64.5	63.5	(1)	(1)	(1)	1.2	1.7	1.4	22.6	23.2	22.5
56 Bay City	32.6	33.5	33.1	(1)	(1)	(1)	1.1	1.6	1.3	9.6	10.0	10.0
57 Detroit	1,611.9	1,649.4	1,657.5	1.1	1.2	1.1	41.3	43.7	40.1	535.3	572.9	572.4
58 Flint	177.2	188.7	189.5	(1)	(1)	(1)	4.3	5.1	4.3	72.0	80.3	81.1
59 Grand Rapids	215.5	222.8	224.3	(1)	(1)	(1)	8.2	8.4	7.9	69.1	73.7	74.1
60 Jackson	48.4	49.9	49.9	(1)	(1)	(1)	1.1	1.6	1.4	15.0	15.1	15.2
61 Kalamazoo—Portage	98.4	100.9	100.7	(1)	(1)	(1)	4.0	3.9	3.5	31.8	33.1	33.0
62 Lansing—East Lansing	163.7	172.3	171.2	(1)	(1)	(1)	4.4	5.4	4.8	36.9	42.0	42.0
63 Muskegon—Norton Shores—Muskegon Hgts.	56.4	59.8	59.1	(1)	(1)	(1)	1.8	2.0	1.9	21.1	23.0	22.4

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls 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			
DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	
16.8	17.5	17.3	72.0	76.1	76.8	11.7	15.5	15.6	45.6	48.7	49.7	61.7	64.4	63.4	1
3.8	4.0	4.0	17.1	18.1	18.3	4.0	5.1	5.2	10.1	11.2	11.2	15.2	15.8	15.0	2
270.2	276.6	275.1	1,044.9	1,045.0	1,059.7	252.1	252.7	253.8	777.4	798.4	797.1	725.3	715.3	719.8	3
2.9	3.0	3.0	10.7	11.0	11.1	6.3	6.6	6.6	7.3	7.0	6.9	11.8	11.6	11.6	4
2.5	2.8	2.8	14.6	15.4	15.4	1.9	1.9	1.9	9.6	5.7	9.8	30.5	34.7	34.9	5
202.1	203.7	(*)	765.4	764.6	(*)	201.2	200.9	(*)	593.7	608.6	(*)	451.4	449.9	(*)	6
167.9	169.4	169.1	721.7	723.6	738.7	193.7	193.2	194.1	563.4	575.2	576.5	422.6	420.6	422.0	7
7.6	7.8	7.8	36.2	37.1	37.8	6.1	6.1	6.2	22.0	22.6	22.6	25.7	25.9	26.1	8
4.0	4.2	4.3	10.5	10.1	11.1	2.2	2.3	2.3	9.0	9.6	9.6	5.3	5.2	5.2	9
7.6	7.9	7.9	33.2	33.8	33.6	6.2	6.4	6.5	21.5	22.6	22.6	16.2	14.9	14.9	10
4.4	4.6	4.6	23.7	23.6	24.0	3.3	3.3	3.3	15.8	16.4	16.4	12.1	11.9	12.0	11
4.8	5.0	5.0	17.0	16.2	16.3	6.4	6.5	6.4	13.2	13.9	14.1	25.4	24.8	25.0	12
99.7	101.4	101.3	428.6	432.4	439.3	88.2	90.1	89.9	271.6	272.9	271.8	327.9	336.2	334.2	13
5.7	5.7	5.7	25.1	24.9	25.3	3.6	3.6	3.6	19.2	19.4	19.1	12.1	11.9	12.2	14
9.4	9.8	9.8	36.3	36.6	37.1	6.6	8.8	8.9	22.5	23.1	23.2	15.4	15.5	15.5	15
14.2	13.9	13.9	43.7	42.7	43.0	7.5	7.7	7.6	30.4	30.8	30.8	28.8	28.6	28.4	16
27.0	27.3	27.4	108.3	107.1	108.2	32.1	32.1	32.1	68.3	68.7	68.5	80.4	81.3	81.0	17
1.9	1.9	1.9	10.3	10.4	10.6	1.5	1.5	1.5	6.0	6.3	6.3	10.5	10.8	10.7	18
4.8	5.0	5.0	23.9	23.8	24.2	5.3	4.8	4.7	20.9	21.3	21.2	11.7	12.1	12.0	19
4.1	4.1	4.1	13.8	13.3	13.5	1.8	1.8	1.8	8.5	8.5	8.5	11.4	11.6	11.6	20
54.4	54.8	54.3	254.0	256.7	259.7	47.1	47.5	47.6	179.8	184.8	185.2	200.1	199.5	200.4	21
3.6	3.7	3.6	16.1	15.7	15.8	3.5	3.5	3.6	12.6	13.1	13.2	9.1	9.3	9.2	22
10.4	10.6	10.5	40.4	41.8	42.5	17.4	17.3	17.5	30.0	31.2	31.4	27.4	26.9	26.9	23
1.6	1.6	1.6	8.3	8.3	8.4	1.1	1.1	1.1	8.6	8.7	8.7	3.6	3.4	3.5	24
3.7	3.6	3.6	12.2	12.1	12.2	2.4	2.5	2.5	9.9	10.2	9.9	6.3	6.5	6.6	25
2.3	2.2	2.2	12.4	12.8	12.8	1.6	1.6	1.6	8.7	8.9	8.8	9.9	10.5	10.6	26
55.5	57.0	56.9	200.7	204.6	209.3	38.5	40.1	40.1	134.0	141.5	141.6	176.0	178.9	177.8	27
7.1	6.9	6.9	16.7	16.4	16.8	5.3	5.6	5.6	13.4	13.8	13.8	20.5	20.6	20.5	28
8.4	8.5	8.5	37.7	38.1	38.3	8.0	8.3	8.4	30.8	31.2	31.5	22.1	23.2	23.4	29
58.9	62.9	62.2	218.2	214.5	218.1	41.6	42.1	42.4	167.4	171.3	169.5	219.9	226.8	224.5	30
5.7	6.3	6.0	27.5	27.8	28.1	5.4	5.5	5.6	17.5	18.7	18.5	30.8	32.4	32.3	31
21.6	22.3	22.1	78.0	76.5	76.7	19.6	20.1	20.2	61.2	62.8	62.1	50.5	50.7	50.7	32
95.9	97.4	97.4	284.8	280.1	285.6	59.2	59.3	59.3	196.4	195.6	195.3	251.0	252.6	252.8	33
7.8	9.0	9.1	30.4	30.5	30.5	8.9	8.3	8.3	23.7	19.9	19.9	48.8	48.6	48.8	34
2.7	3.1	3.0	10.7	10.9	10.9	2.1	2.2	2.2	7.6	7.7	7.7	8.4	8.3	8.2	35
2.6	2.6	2.6	11.8	12.0	12.2	3.1	3.2	3.2	6.2	6.3	6.2	8.7	8.7	8.7	36
42.9	43.9	43.9	109.7	109.2	111.4	25.8	26.0	25.9	86.0	87.5	87.7	69.0	69.5	69.7	37
10.1	9.6	9.6	31.9	31.8	32.2	5.6	5.6	5.6	21.1	21.7	21.3	20.4	20.7	20.7	38
17.0	16.1	16.5	74.8	75.1	77.0	13.8	14.4	14.3	56.9	55.8	59.6	80.8	81.8	82.6	39
1.1	1.0	1.2	6.9	6.8	6.9	1.3	1.3	1.3	5.6	5.7	5.7	2.9	3.1	3.1	40
4.6	4.5	4.7	19.7	20.0	20.7	6.0	6.2	6.2	14.4	14.9	14.8	12.9	12.8	13.0	41
79.4	78.3	79.8	373.6	373.8	381.7	78.9	79.6	79.3	287.3	297.5	296.3	310.8	312.6	313.4	42
54.9	54.6	56.4	200.8	200.5	204.7	47.3	47.3	47.1	157.9	163.2	162.4	192.6	192.4	193.0	43
113.5	110.7	112.6	534.7	528.8	537.7	134.0	131.4	131.4	498.3	518.1	517.1	366.3	369.5	369.2	44
68.8	65.5	66.6	302.5	293.0	296.8	92.1	90.7	90.8	321.0	329.6	327.7	194.2	192.2	192.6	45
3.6	3.5	3.6	15.0	15.3	15.4	1.7	1.7	1.7	7.8	8.5	8.5	9.3	9.7	9.5	46
1.9	1.9	1.9	10.1	10.2	10.2	(1)	(1)	(1)	11.6	12.3	11.7	5.7	5.7	5.7	47
3.4	3.2	3.2	18.9	19.7	19.8	3.3	3.3	3.3	14.2	14.5	14.3	14.8	15.4	14.8	48
2.5	2.6	2.6	13.5	13.7	13.9	1.9	1.9	1.9	10.0	10.2	10.2	10.4	10.3	10.4	49
2.6	2.3	2.4	11.5	11.0	11.0	(1)	(1)	(1)	11.6	11.8	11.7	7.8	8.0	8.1	50
8.6	8.2	8.3	47.4	46.2	46.8	11.4	11.1	11.2	36.5	37.1	37.3	41.5	42.8	42.4	51
7.2	6.9	7.2	31.9	31.3	31.5	8.0	8.0	8.1	26.9	28.1	28.2	23.9	24.6	24.6	52
145.2	146.6	146.3	678.9	670.2	681.6	128.2	130.1	131.2	519.3	532.3	532.7	607.4	617.6	622.2	53
2.3	2.3	2.3	16.7	17.6	18.0	3.2	3.3	3.3	16.0	17.1	16.9	42.1	42.4	42.3	54
2.3	2.3	2.3	10.3	10.6	10.6	3.8	3.8	3.8	9.7	10.1	10.1	12.3	12.8	12.8	55
1.9	1.8	1.8	8.3	8.3	8.2	1.0	1.0	1.0	5.7	5.9	5.8	5.1	4.9	5.0	56
78.3	78.5	78.6	333.2	322.5	333.9	74.8	76.5	76.8	282.9	288.2	286.9	265.1	266.1	267.6	57
5.7	6.5	6.6	36.9	38.8	39.5	4.9	5.1	5.2	24.1	24.1	23.8	29.2	28.8	29.2	58
9.1	9.2	9.3	53.2	54.4	55.6	8.1	8.1	8.2	37.4	38.1	38.2	30.6	30.7	31.1	59
4.2	4.2	4.2	9.4	9.4	9.3	1.5	1.5	1.5	8.7	9.1	9.1	8.5	8.9	9.0	60
3.1	3.2	3.2	19.4	20.3	20.5	3.1	3.2	3.2	16.8	17.3	17.3	20.2	20.1	20.0	61
4.0	4.0	4.0	30.5	29.9	30.4	7.5	7.7	7.7	22.4	23.3	23.2	58.0	60.0	59.1	62
2.9	3.1	3.1	10.1	10.7	10.7	1.5	1.6	1.6	8.1	8.6	8.5	10.7	10.9	10.9	63

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8 Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P
MICHIGAN—Continued												
1 Saginaw	81.6	84.8	84.4	(1)	(1)	(1)	2.0	2.4	2.0	31.4	33.2	33.3
MINNESOTA	1,494.2	1,535.7	1,529.5	12.9	14.9	14.4	61.2	68.7	58.9	308.6	319.3	317.3
3 Duluth—Superior	56.3	57.1	56.3	(1)	(1)	(1)	2.3	2.4	2.3	7.5	7.3	7.3
4 Minneapolis—St. Paul	916.8	922.8	923.8	(1)	(1)	(1)	34.8	37.4	33.8	198.2	203.1	203.2
MISSISSIPPI	685.3	690.8	693.7	6.2	6.4	6.4	35.8	37.2	37.0	206.6	207.6	207.4
6 Jackson	116.9	118.1	118.0	.8	.9	.9	5.6	5.5	5.1	17.2	17.2	17.1
MISSOURI	1,740.7	1,773.1	1,769.2	8.1	8.3	8.1	64.5	69.2	64.5	408.7	423.0	420.3
8 Kansas City	547.1	556.2	554.3	.6	.6	.6	23.3	24.6	22.4	108.3	112.8	111.1
9 St. Joseph	35.6	35.9	35.9	(2)	(2)	(2)	1.6	2.2	1.9	9.2	9.3	9.4
10 St. Louis	912.0	913.4	912.1	2.6	2.6	2.6	37.3	37.6	35.4	240.5	247.4	246.3
11 Springfield	70.2	73.0	72.7	.1	.1	.1	2.4	2.8	2.7	16.9	16.9	17.0
MONTANA	243.0	247.6	246.1	6.1	5.7	5.8	11.4	11.9	11.0	22.2	23.3	23.0
13 Billings	40.0	42.3	42.1	(1)	(1)	(1)	2.0	2.3	2.3	3.5	4.0	3.8
14 Great Falls	27.6	28.9	28.9	(1)	(1)	(1)	1.4	1.7	1.6	1.7	1.8	1.8
NEBRASKA	560.0	573.1	572.0	1.4	1.5	1.4	25.8	27.0	23.5	85.7	91.0	91.4
16 Lincoln	89.4	92.0	91.9				4.6	4.2	3.8	12.9	13.9	13.9
17 Omaha	234.3	239.0	238.8	(2)	(2)	(2)	11.0	11.3	9.9	33.1	35.6	35.4
NEVADA	267.8	283.6	282.2	4.3	3.7	3.9	12.3	14.5	14.4	12.6	12.9	13.1
19 Las Vegas	145.3	153.9	153.5	.2	.3	.3	6.6	7.6	7.7	5.2	5.4	5.5
20 Reno	77.2	81.3	80.9	.4	.4	.4	4.1	5.1	5.0	5.1	5.2	5.2
NEW HAMPSHIRE	294.8	313.0	312.1	.4	.5	.4	12.5	15.0	14.1	88.2	92.7	92.5
22 Manchester	57.0	58.8	58.6	(1)	(1)	(1)	1.8	2.0	1.9	16.3	17.1	16.8
23 Nashua	43.9	45.2	45.0	(1)	(1)	(1)	1.1	1.3	1.3	19.9	20.6	20.2
NEW JERSEY	2,682.7	2,689.8	2,688.1	2.7	2.8	2.8	90.7	87.2	83.8	729.9	733.3	724.3
25 Atlantic City	58.5	59.6	57.9				2.3	2.5	2.4	7.5	7.6	7.5
26 Camden	286.6	285.4	286.9	.1	.1	.1	11.8	13.2	12.6	63.3	63.4	63.0
27 Hackensack ⁸	344.8	343.5	344.5	(1)	(1)	(1)	12.3	10.7	9.6	100.4	100.3	99.3
28 Jersey City ⁸	232.8	231.0	230.0				4.2	4.2	4.1	75.2	71.7	70.2
29 Long Branch—Asbury Park	135.3	140.1	139.3	(1)	(1)	(1)	4.0	4.3	4.1	22.0	22.9	22.2
30 New Burns—Perth Amboy—Sayreville ⁸	239.3	239.0	240.4	(1)	(1)	(1)	8.3	9.2	9.2	77.8	76.9	76.1
31 Newark ⁸	853.3	849.7	852.8	.8	.8	.8	30.1	28.1	27.7	230.0	234.2	232.3
32 Paterson—Clifton—Passaic ⁸	176.8	177.6	177.0	(1)	(1)	(1)	5.0	5.3	4.4	63.7	63.4	62.1
33 Trenton	151.4	157.1	157.4	(1)	(1)	(1)	2.6	3.4	3.1	37.2	38.0	38.0
34 Vineland—Millville—Bridgeton	49.5	51.3	50.4	(1)	(1)	(1)	1.4	1.4	1.3	17.4	18.6	17.7
NEW MEXICO	370.9	389.5	391.8	20.5	21.6	21.5	23.5	25.6	24.7	27.8	30.2	30.1
36 Albuquerque	146.5	157.4	158.3	(1)	(1)	(1)	8.8	10.0	9.7	15.0	15.9	15.9
NEW YORK	6,760.5	6,733.7	6,731.5	7.2	7.6	7.1	186.3	202.0	185.5	1,387.8	1,427.8	1,407.7
38 Albany—Schenectady—Troy	304.2	303.9	305.3	(1)	(1)	(1)	10.1	9.7	8.5	60.2	61.5	61.5
39 Binghamton	107.8	111.8	111.8	(1)	(1)	(1)	4.1	4.3	3.8	38.1	39.8	39.8
40 Buffalo	484.1	489.9	490.4	(1)	(1)	(1)	13.6	15.4	13.4	138.6	143.7	141.7
41 Elmira	36.9	37.3	36.1	(1)	(1)	(1)	1.1	1.3	1.1	12.2	12.5	11.4
42 Monroe County ⁹	318.3	324.7	325.0	(1)	(1)	(1)	8.0	9.7	8.2	123.6	127.8	127.3
43 Nassau—Suffolk ¹⁰	791.2	800.6	801.9	(1)	(1)	(1)	28.8	27.7	26.5	136.5	138.0	137.9
44 New York—Northeastern New Jersey	6,268.5	6,217.0	(*)	2.5	2.4	(*)	176.1	170.6	(*)	1,278.4	1,292.0	(*)
45 New York and Nassau—Suffolk ⁸	4,421.4	4,379.4	4,384.3	1.9	2.0	2.0	116.2	113.2	109.5	731.2	746.6	733.6
46 New York SMSA ¹⁰	3,630.3	3,578.7	3,582.4	1.8	1.9	1.9	87.4	85.6	83.0	594.8	608.6	595.8
47 New York City ¹¹	3,236.5	3,183.6	3,185.5	1.5	1.6	1.6	72.9	71.0	69.4	517.0	528.5	515.7
48 Poughkeepsie	87.6	86.9	86.4	(1)	(1)	(1)	2.9	2.8	2.6	27.4	27.1	27.1
49 Rochester	389.0	397.4	396.7	(1)	(1)	(1)	9.8	11.2	10.0	142.0	148.2	146.6
50 Rockland County ¹¹	72.9	73.3	73.7	(1)	(1)	(1)	1.7	1.8	1.7	13.4	14.2	14.3
51 Syracuse	236.5	245.4	245.6	(1)	(1)	(1)	9.3	11.9	10.7	52.8	55.6	55.5
52 Utica—Rome	108.2	109.3	108.4	(1)	(1)	(1)	2.5	2.8	2.3	30.0	30.3	29.9
53 Westchester County ¹¹	310.9	311.3	312.7	(1)	(1)	(1)	12.0	12.0	11.2	63.4	64.9	64.8
NORTH CAROLINA	1,979.9	1,999.1	2,002.1	4.0	4.3	4.2	98.8	97.2	95.7	729.1	739.2	734.3
54 Asheville	59.2	61.2	61.4	(1)	(1)	(1)	2.9	3.2	3.1	18.8	19.2	19.2
56 Charlotte—Gastonia	272.3	274.5	275.2	(1)	(1)	(1)	15.2	14.1	13.8	79.8	81.2	81.5
57 Greensboro—Winston-Salem—High Pt.	332.8	337.2	337.8	(1)	(1)	(1)	13.8	13.8	13.6	133.8	136.5	136.1
58 Raleigh—Durham	212.5	216.8	217.0	(1)	(1)	(1)	10.2	10.2	10.0	34.6	36.0	35.9

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls 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			
DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	
3.9	3.9	3.9	16.9	17.9	18.1	3.3	3.4	3.4	12.7	12.6	12.5	11.3	11.2	11.3	1
91.9	94.9	94.4	383.1	389.5	395.6	74.7	76.6	76.6	286.9	296.3	296.7	274.9	275.5	275.5	2
6.8	7.5	6.7	14.7	15.2	15.5	2.0	2.1	2.1	11.6	11.5	11.3	11.4	11.1	11.0	3
59.7	61.5	61.6	234.8	235.3	239.9	55.2	56.6	56.6	181.9	187.2	187.3	146.2	141.7	141.5	4
34.3	34.7	34.2	137.6	135.7	139.6	27.6	28.0	28.0	87.4	88.8	88.4	149.9	152.4	152.7	5
7.3	7.3	7.3	27.8	27.8	28.2	9.3	9.5	9.5	23.1	24.0	23.9	25.7	25.9	26.0	6
122.5	123.7	123.3	417.2	414.7	421.3	92.4	93.0	92.9	306.5	314.9	313.2	320.8	326.3	325.6	7
49.5	50.3	50.0	144.9	144.6	147.7	36.2	36.6	36.6	102.1	105.1	104.9	82.2	81.6	81.0	8
2.3	2.4	2.4	8.9	8.9	9.1	1.7	1.6	1.6	6.0	5.9	5.8	5.9	5.6	5.7	9
63.6	64.5	64.4	211.1	206.0	209.5	48.3	48.5	48.5	175.2	173.4	172.3	133.4	133.4	133.1	10
5.0	5.2	5.1	18.9	19.8	19.9	2.6	2.9	2.8	13.7	14.1	14.0	10.6	11.2	11.1	11
19.1	19.5	19.5	61.3	61.0	60.9	10.4	10.7	10.7	45.3	47.3	47.3	67.2	68.2	67.9	12
3.3	3.4	3.4	13.3	13.8	13.8	2.0	2.1	2.1	8.2	8.4	8.3	7.7	8.3	8.4	13
1.8	2.0	2.0	8.6	8.7	8.8	1.9	2.0	2.0	6.2	6.8	6.8	6.0	5.9	5.9	14
39.5	43.6	43.5	147.6	151.2	152.9	34.4	35.3	35.4	100.5	103.3	102.9	125.1	120.2	121.2	15
5.4	6.1	6.1	19.1	19.5	19.8	6.1	6.3	6.3	15.3	15.8	15.4	26.0	26.3	26.8	16
20.9	21.7	21.6	60.0	59.9	60.2	20.0	20.4	20.7	47.5	48.6	48.7	41.8	42.1	42.3	17
17.4	18.0	17.9	53.9	57.2	57.6	10.8	11.3	11.4	109.5	118.1	115.7	47.0	47.9	48.2	18
9.5	9.7	9.7	29.3	31.5	31.8	5.6	6.1	6.1	68.7	72.7	71.7	20.2	20.6	20.7	19
5.7	5.9	6.0	17.2	17.7	17.8	4.0	4.0	4.1	26.8	28.8	28.1	13.9	14.2	14.3	20
11.7	11.7	11.8	66.1	69.3	70.3	13.9	14.5	14.6	53.3	58.7	58.2	48.7	50.6	50.2	21
3.5	3.4	3.5	14.0	13.8	14.1	3.9	4.1	4.1	10.6	10.9	10.9	6.9	7.5	7.3	22
1.8	1.7	1.7	8.9	8.8	8.9	1.4	1.5	1.5	6.2	6.7	6.8	4.6	4.6	4.6	23
178.9	178.9	180.9	611.0	601.2	612.1	134.3	138.6	138.5	460.8	475.5	472.2	474.4	472.3	473.5	24
3.1	3.1	3.1	15.8	15.5	15.3	3.8	4.0	4.0	13.3	14.3	13.0	12.7	12.6	12.6	25
14.4	13.5	13.6	78.1	75.2	76.8	13.2	13.2	13.2	52.1	51.9	52.1	53.6	54.9	55.5	26
17.2	16.3	16.2	102.0	97.9	101.7	13.8	14.4	14.5	60.9	63.6	63.4	38.2	40.3	39.8	27
29.7	29.9	30.0	44.3	44.3	45.0	8.6	9.2	9.2	28.2	27.8	27.7	42.6	43.9	43.0	28
5.7	5.7	5.6	33.6	35.2	35.8	5.5	5.5	5.5	30.4	32.1	31.5	34.1	34.4	34.6	29
17.5	16.4	17.0	55.4	52.5	54.2	6.7	8.1	8.2	30.6	31.5	31.5	43.0	44.4	44.2	30
64.5	62.6	64.7	169.2	162.2	165.4	59.4	58.9	59.0	156.3	159.0	158.7	143.0	143.9	144.2	31
6.1	5.8	5.8	41.7	40.8	41.9	8.4	8.6	8.6	27.9	28.1	28.5	24.0	25.6	25.7	32
5.1	5.0	5.0	22.6	22.9	23.5	6.2	6.3	6.3	36.0	38.1	38.0	41.7	43.4	43.5	33
3.1	3.0	3.0	7.6	7.5	7.5	2.5	2.6	2.6	7.1	7.4	7.4	10.4	10.8	10.9	34
23.2	23.1	23.2	84.4	88.9	91.2	16.7	17.6	17.6	68.1	72.9	73.0	106.7	109.6	110.5	35
8.1	8.4	8.5	37.6	40.4	41.5	8.6	8.9	8.9	33.0	36.4	36.3	35.4	37.4	37.5	36
426.6	426.1	427.7	1,446.6	1,408.7	1,439.6	578.7	578.8	579.8	1,433.9	1,453.3	1,450.0	1,293.5	1,229.3	1,234.0	37
14.8	14.7	15.2	61.4	60.1	61.4	13.5	13.5	13.7	58.2	59.0	59.3	86.0	85.4	85.7	38
4.7	4.8	4.8	20.6	21.6	22.1	3.5	3.8	3.7	13.9	14.6	14.6	22.9	23.0	23.0	39
26.7	27.8	27.6	110.3	109.9	113.0	19.8	19.9	20.0	87.7	89.4	90.4	87.4	83.8	84.3	40
1.5	1.5	1.5	8.2	8.1	8.4	1.0	1.0	1.0	6.1	6.1	6.0	6.9	6.9	6.7	41
10.7	10.5	10.5	61.0	59.9	62.3	13.8	14.5	14.6	60.8	63.0	62.5	40.3	39.2	39.5	42
34.8	34.2	34.3	218.1	218.1	222.9	42.3	44.6	44.7	163.9	171.7	169.2	166.7	166.3	166.4	43
454.4	448.6	(*)	1,383.3	1,347.5	(*)	580.5	581.6	(*)	1,330.0	1,342.0	(*)	1,063.3	1,032.3	(*)	44
319.4	317.9	318.0	970.7	951.2	969.9	483.5	482.5	483.4	1,025.9	1,031.2	1,030.4	772.5	734.9	737.5	45
284.6	283.7	283.7	752.6	733.0	747.0	441.2	437.9	438.7	862.1	859.6	861.3	605.8	568.6	571.1	46
262.6	261.8	261.7	657.5	639.8	652.1	421.4	417.3	418.1	771.5	768.1	769.9	532.2	495.6	497.2	47
2.7	2.7	2.7	15.9	15.3	15.3	2.5	2.6	2.6	15.3	15.7	15.6	20.8	20.6	20.5	48
13.4	13.1	13.1	78.1	77.0	79.6	15.7	16.1	16.2	69.9	72.6	71.9	60.2	59.0	59.3	49
3.6	3.5	3.6	16.8	16.7	16.9	2.5	2.4	2.4	15.1	15.2	15.2	19.7	19.4	19.6	50
13.6	13.9	14.1	54.1	56.6	57.1	14.3	14.7	14.7	44.8	45.6	45.2	47.6	47.1	48.2	51
4.0	3.7	3.7	20.4	19.8	20.3	4.8	4.9	4.9	17.6	19.0	18.2	28.8	28.8	29.1	52
17.9	17.8	17.9	75.6	73.6	75.1	17.0	17.7	17.8	73.7	74.3	74.4	51.4	50.9	51.7	53
97.8	98.2	97.8	378.1	373.2	382.8	82.7	83.3	83.4	260.9	266.9	266.4	328.5	336.8	337.5	54
3.2	3.4	3.4	12.5	12.1	12.5	2.4	2.9	2.9	9.9	10.6	10.5	9.5	9.8	9.8	55
25.6	25.7	25.6	63.8	62.7	63.5	17.5	18.2	18.3	36.8	37.6	37.6	33.6	35.0	34.9	56
19.3	19.5	19.4	64.9	64.3	66.0	14.3	14.1	14.1	44.6	46.0	45.9	42.1	43.0	42.7	57
9.8	9.8	9.7	41.6	40.4	41.3	13.5	13.8	13.8	42.3	44.4	44.2	60.5	62.2	62.1	58

ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P
1 NORTH DAKOTA	209.4	216.5	215.1	2.5	2.6	2.5	13.8	15.5	13.6	16.4	16.0	15.5
2 Fargo—Moorhead	54.3	56.7	56.2	.1	.1	.1	3.1	3.6	3.0	4.9	5.0	4.8
3 OHIO	4,050.4	4,107.7	4,112.9	27.7	28.6	28.5	138.7	146.4	135.9	1,256.4	1,283.5	1,287.3
4 Akron	245.8	249.4	250.6	.2	.2	.2	6.8	7.2	6.6	82.9	82.5	82.6
5 Canton	146.8	149.1	150.3	.6	.6	.6	4.9	5.3	4.9	53.9	54.8	55.9
6 Cincinnati	537.2	546.7	547.3	.4	.4	.4	20.4	21.4	20.1	152.4	157.8	157.6
7 Cleveland	858.7	866.9	867.1	1.4	1.4	1.4	27.9	28.8	26.9	253.5	260.7	260.0
8 Columbus	453.1	460.6	462.4	.7	.7	.7	15.5	16.3	14.9	92.2	95.1	95.0
9 Dayton	324.3	329.3	330.2	.4	.3	.3	9.9	10.5	9.8	99.4	103.8	104.3
10 Toledo	278.7	282.5	276.2	.6	.6	.6	10.4	10.1	9.5	82.7	84.6	84.2
11 Youngstown—Warren	202.8	201.1	203.4	.3	.3	.3	5.5	5.8	5.3	80.4	77.3	79.3
12 OKLAHOMA	906.1	927.6	934.3	40.0	41.8	42.3	43.5	43.2	42.4	152.0	156.2	156.1
13 Oklahoma City	314.7	321.6	324.9	8.7	9.5	9.7	16.2	16.8	16.6	38.5	39.7	39.7
14 Tulsa	227.4	231.7	232.6	13.9	14.4	14.3	12.4	13.0	12.9	51.2	51.4	51.7
15 OREGON	839.5	886.7	883.3	1.2	1.5	1.3	33.4	37.6	35.7	181.1	195.6	191.8
16 Eugene—Springfield	84.3	89.3	88.1	(1)	(1)	(1)	3.4	4.1	3.9	17.6	19.6	19.1
17 Jackson County	—	—	—	—	—	—	—	—	—	6.4	7.4	7.0
18 Portland	444.1	463.6	463.5	(1)	(1)	(1)	17.6	19.0	19.1	90.5	95.6	94.3
19 Salem	67.9	72.6	70.3	(1)	(1)	(1)	3.2	3.4	3.5	10.4	13.1	10.7
20 PENNSYLVANIA	4,451.8	4,438.1	4,420.6	47.8	48.4	48.2	188.4	185.4	169.2	1,325.8	1,323.8	1,313.0
21 Allentown—Bethlehem—Easton	251.5	251.6	251.2	1.0	1.1	1.2	10.9	9.4	8.8	106.4	106.5	105.5
22 Altoona	48.9	49.5	50.0	(1)	(1)	(1)	2.0	2.2	2.1	12.4	12.6	12.5
23 Delaware Valley ¹²	1,528.8	1,509.6	1,516.9	1.0	1.0	.9	58.3	54.0	51.1	385.7	389.3	390.0
24 Erie	106.5	106.8	106.4	(1)	(1)	(1)	2.7	2.8	2.6	42.8	42.0	41.5
25 Harrisburg	202.2	203.3	202.5	(1)	(1)	(1)	9.4	9.5	8.9	38.0	39.2	38.9
26 Johnstown	86.0	86.9	87.4	8.5	8.8	8.8	2.1	2.4	2.2	22.8	21.8	21.9
27 Lancaster	130.8	135.2	134.3	(1)	(1)	(1)	6.4	6.8	6.7	51.9	54.2	53.6
28 Northeast Pennsylvania	226.1	225.9	224.9	1.1	1.1	1.1	11.2	12.7	12.3	71.8	68.8	66.4
29 Philadelphia SMSA	1,815.2	1,794.6	1,803.5	1.1	1.1	1.1	70.1	67.2	63.7	449.0	452.5	452.6
30 Philadelphia City ¹³	827.0	812.3	817.0	—	—	—	20.9	19.9	18.9	166.0	164.7	165.8
31 Pittsburgh	876.5	872.6	875.0	11.0	11.2	11.3	37.5	37.7	35.0	244.0	242.1	242.6
32 Reading	130.4	132.9	133.0	(1)	(1)	(1)	4.7	4.7	4.4	49.5	51.7	51.7
33 Scranton ¹⁴	82.0	81.9	81.7	(1)	(1)	(1)	2.3	2.3	2.1	27.2	26.9	26.4
34 Wilkes-Barre—Hazleton ¹⁵	120.7	119.7	119.4	1.0	1.0	.9	8.1	9.4	9.3	40.5	37.7	36.2
35 Williamsport	43.3	44.2	44.4	(1)	(1)	(1)	1.3	1.4	1.3	17.6	18.1	18.0
36 York	135.7	135.5	135.2	(1)	(1)	(1)	6.1	5.9	5.8	57.3	58.6	58.3
37 RHODE ISLAND	348.0	358.5	359.5	(1)	(1)	(1)	9.8	11.4	10.7	112.5	120.4	120.0
38 Providence—Warwick—Pawtucket	359.9	371.6	372.5	(1)	(1)	(1)	10.1	11.6	10.9	125.4	134.9	134.4
39 SOUTH CAROLINA ¹	1,008.9	1,028.6	1,032.1	1.9	1.6	1.8	60.7	58.7	58.1	354.8	367.9	367.1
40 Charleston—North Charleston ²	117.2	122.3	122.5	(1)	(1)	(1)	9.5	10.1	10.1	14.8	17.2	17.3
41 Columbia ⁴	146.4	149.3	148.9	(1)	(1)	(1)	7.7	8.0	7.9	21.9	22.0	22.2
42 Greenville—Spartanburg ⁴	227.9	230.7	231.4	(1)	(1)	(1)	14.9	14.5	14.4	96.9	99.4	99.6
43 SOUTH DAKOTA	210.7	214.7	215.6	2.5	2.6	2.5	8.2	9.5	8.7	20.8	21.9	22.1
44 Rapid City	24.1	25.4	25.5	(2)	(2)	(2)	1.8	2.1	2.0	2.3	2.3	2.3
45 Sioux Falls	44.5	45.8	45.5	(2)	(2)	(2)	2.1	2.5	2.2	6.6	7.2	7.3
46 TENNESSEE	1,523.8	1,532.1	1,537.9	9.0	9.2	9.1	68.2	64.1	62.2	465.3	468.7	471.5
47 Chattanooga	154.8	155.7	156.9	.8	.9	.8	5.6	5.4	5.3	54.3	54.2	54.5
48 Knoxville	175.7	178.6	178.9	1.6	1.6	1.6	9.5	9.8	9.7	47.4	49.3	49.4
49 Memphis	315.1	324.6	323.2	.2	.2	.2	13.2	13.2	13.0	56.6	58.1	57.6
50 Nashville—Davidson	296.2	305.4	305.8	(1)	(1)	(1)	15.4	15.6	14.8	72.5	77.5	77.5
51 TEXAS	4,491.7	4,582.8	4,602.5	131.5	137.9	138.4	276.0	283.4	282.6	809.0	834.1	831.2
52 Amarillo	62.8	65.4	65.8	(1)	(1)	(1)	3.1	4.2	4.2	8.2	9.0	9.0
53 Austin	169.9	175.1	174.8	(1)	(1)	(1)	11.5	11.3	11.1	15.0	17.1	16.8
54 Beaumont—Port Arthur—Orange	130.4	136.2	137.1	(1)	(1)	(1)	10.1	13.5	13.3	41.4	41.1	41.6
55 Corpus Christi	98.3	99.4	99.6	3.5	3.6	3.6	7.8	7.8	7.7	11.4	11.5	11.4
56 Dallas—Fort Worth	1,088.7	1,107.8	1,113.2	12.3	12.5	12.5	44.5	45.1	44.7	240.3	250.2	250.0
57 El Paso	130.0	128.9	128.7	(1)	(1)	(1)	5.7	6.0	5.9	28.9	27.1	26.8
58 Galveston—Texas City	60.9	63.0	(*)	(1)	(1)	(*)	3.1	2.5	(*)	12.3	12.0	(*)
59 Houston	1,016.5	1,047.2	1,051.7	44.1	45.2	45.2	94.7	94.3	92.9	174.5	176.1	175.8
60 Lubbock	74.0	76.6	77.0	(1)	(1)	(1)	3.9	3.2	3.0	9.8	12.5	13.0
61 San Antonio	315.3	320.2	321.7	1.6	1.6	1.6	18.3	18.4	18.3	38.1	40.5	40.4
62 Waco	56.4	57.8	57.8	(1)	(1)	(1)	3.1	3.1	3.0	12.4	13.2	13.0
63 Wichita Falls	44.3	45.3	45.3	2.2	2.3	2.2	1.7	2.1	2.0	6.9	7.2	7.1

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls 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			
DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	
12.6	13.1	13.0	58.7	61.1	62.1	8.9	9.3	9.3	41.2	41.9	42.2	55.4	57.1	56.8	1
3.4	3.4	3.5	16.6	17.2	17.4	3.1	3.2	3.2	11.5	12.2	12.3	11.7	12.0	11.9	2
211.9	210.6	209.9	898.5	896.3	914.8	176.1	179.2	179.3	698.9	726.6	724.4	642.2	636.5	632.9	3
13.6	13.8	13.7	54.1	53.6	54.8	7.9	7.9	8.0	40.3	42.6	42.2	40.0	41.6	42.3	4
6.8	6.8	6.8	33.4	33.6	34.1	5.1	5.1	5.1	25.1	26.1	25.9	17.0	16.8	16.9	5
30.7	30.1	29.8	123.6	124.1	126.7	28.1	28.1	28.0	100.8	106.9	107.6	80.7	77.9	77.0	6
47.1	46.8	46.8	202.5	200.9	204.5	43.5	44.0	44.2	160.3	165.4	164.0	122.6	118.8	119.4	7
21.4	21.4	21.4	110.7	110.8	113.3	31.4	32.4	32.3	86.3	88.8	88.1	94.9	95.1	96.9	8
11.8	11.7	11.6	68.5	68.3	69.7	11.7	12.0	12.1	58.2	61.0	60.7	64.5	61.7	61.7	9
17.5	17.5	17.5	64.6	63.6	64.5	9.3	9.7	9.8	49.5	51.8	51.7	44.1	44.7	38.6	10
10.1	10.1	10.1	43.2	41.9	42.9	6.5	6.6	6.6	33.4	35.1	34.8	23.4	24.0	24.2	11
54.7	56.1	56.1	220.1	223.4	227.9	46.7	49.2	49.2	143.1	149.0	150.4	206.0	208.7	208.9	12
19.8	19.9	19.9	81.2	83.1	85.2	19.9	20.2	20.3	48.9	51.2	51.5	81.5	81.2	82.0	13
18.0	17.9	17.8	54.7	56.2	57.1	13.3	13.8	13.7	39.7	41.0	41.1	24.2	24.0	24.0	14
49.6	51.9	51.9	205.0	214.4	218.4	45.4	49.0	49.2	144.1	153.5	153.4	179.7	183.2	181.6	15
4.3	4.5	4.4	20.8	21.5	21.8	3.5	3.7	3.7	14.4	15.5	15.3	20.0	20.4	19.9	16
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17
30.1	31.2	31.4	113.8	117.2	119.3	30.9	32.5	32.7	85.0	90.0	89.4	76.2	78.1	77.3	18
2.3	2.4	2.3	14.0	14.1	14.3	3.8	4.0	4.0	11.0	11.3	11.2	23.2	24.3	24.3	19
256.6	253.9	257.6	931.0	909.1	919.9	208.5	211.8	211.9	805.8	820.3	815.1	697.9	685.4	685.7	20
12.8	12.3	12.5	43.8	45.2	45.8	7.6	8.0	8.0	36.8	38.5	38.2	32.2	30.6	31.2	21
7.5	7.9	7.9	11.0	10.7	11.4	1.4	1.5	1.5	7.2	7.5	7.5	7.4	7.1	7.1	22
83.9	81.0	81.7	332.6	320.5	326.8	94.9	96.3	96.6	333.9	333.5	335.8	238.5	234.0	234.0	23
4.9	4.9	4.9	20.2	20.2	20.4	4.6	4.8	4.7	18.5	18.4	18.3	14.8	13.7	14.0	24
14.6	13.8	13.9	42.0	42.6	42.6	10.9	11.3	11.3	32.3	33.0	32.8	55.0	53.9	54.1	25
5.5	5.4	5.5	16.7	17.4	17.8	3.0	3.4	3.4	13.8	14.2	14.3	13.6	13.5	13.5	26
5.7	5.9	5.9	27.9	29.0	29.0	4.2	4.4	4.5	21.4	21.7	21.5	13.3	13.2	13.1	27
11.6	11.4	11.3	47.3	48.3	49.7	8.7	8.9	8.9	37.7	38.8	38.6	36.7	35.9	36.6	28
98.3	94.5	95.3	410.6	395.6	403.6	108.0	109.4	109.8	386.0	385.4	387.9	292.1	288.9	289.6	29
57.0	55.1	55.9	164.5	158.5	160.9	64.9	64.6	64.9	199.8	201.5	202.7	153.9	148.0	147.9	30
55.9	55.3	56.6	197.3	191.9	196.3	41.7	43.0	43.1	174.1	178.0	176.4	115.0	113.4	113.7	31
6.1	5.8	5.8	26.3	26.0	26.5	4.9	4.9	5.0	19.4	20.3	20.0	19.5	19.5	19.6	32
4.8	4.7	4.6	18.3	18.7	19.1	3.2	3.2	3.2	15.4	15.2	15.3	10.8	10.9	11.0	33
5.8	5.6	5.7	24.5	25.3	26.3	4.7	4.9	4.8	16.8	17.5	17.5	19.3	18.3	18.7	34
2.0	2.0	2.0	8.2	8.1	8.3	2.0	2.0	2.0	6.9	7.2	7.3	5.3	5.4	5.5	35
5.6	5.6	5.6	26.6	27.4	27.5	3.0	3.1	3.1	17.5	17.4	17.4	17.6	17.5	17.5	36
13.4	13.4	13.6	74.2	73.2	74.8	17.8	17.9	18.0	64.7	66.1	66.2	55.6	56.1	56.2	37
13.4	13.4	13.6	76.9	76.0	77.6	17.9	18.1	18.2	63.9	65.3	65.4	52.3	52.3	52.4	38
41.1	41.0	41.9	183.3	184.4	189.2	38.8	40.0	40.2	122.1	125.3	125.3	206.2	209.5	208.5	39
7.3	7.3	7.2	25.2	25.9	26.5	4.9	5.2	5.2	19.2	16.5	16.4	39.3	40.1	39.8	40
8.1	8.0	8.2	30.0	31.0	31.6	10.8	11.6	11.6	21.2	20.8	20.7	46.7	47.9	46.7	41
8.8	8.9	8.9	41.7	41.3	42.2	8.1	8.1	8.2	29.9	30.5	30.5	27.6	28.0	27.6	42
12.3	12.2	12.4	54.7	55.2	55.8	8.9	9.3	9.4	46.1	47.3	47.2	57.2	56.7	57.5	43
1.6	1.6	1.6	6.4	7.2	7.3	1.1	1.2	1.2	5.1	5.3	5.2	5.8	5.7	5.9	44
4.3	4.4	4.4	13.2	13.4	13.3	2.2	2.3	2.3	9.8	10.4	10.5	6.3	5.6	5.5	45
72.1	73.5	73.2	325.3	326.8	333.1	66.4	66.2	66.0	235.8	234.3	234.6	281.7	289.3	288.2	46
5.5	5.5	5.5	24.9	30.7	31.6	8.5	8.1	8.0	22.7	22.8	22.9	27.5	28.1	28.3	47
7.0	7.5	7.5	38.1	38.8	39.4	6.8	7.0	7.0	25.6	25.6	25.3	39.7	39.0	39.0	48
20.9	21.1	21.0	86.1	88.5	88.4	18.3	18.2	18.3	59.7	60.6	60.4	64.1	64.7	64.3	49
16.3	17.0	17.0	69.6	71.3	72.6	19.7	19.4	19.4	53.9	55.1	54.9	48.8	49.5	49.6	50
286.0	290.3	291.9	1,122.9	1,120.5	1,143.5	257.2	263.7	263.9	768.3	787.4	788.8	840.8	865.5	862.2	51
6.0	6.3	6.3	20.5	20.2	20.6	3.1	3.2	3.3	11.4	12.0	12.0	10.5	10.5	10.4	52
5.7	5.7	5.6	34.2	34.8	35.0	9.5	9.8	9.8	26.7	27.9	27.8	67.3	68.5	68.7	53
9.0	10.5	10.6	27.9	27.8	28.4	4.5	4.8	4.8	19.5	20.1	20.1	18.0	18.3	18.3	54
6.0	6.3	6.2	25.7	25.5	25.9	4.9	5.2	5.1	16.5	16.7	16.9	22.5	22.8	22.8	55
74.6	75.7	75.7	299.4	299.7	306.4	84.6	86.1	85.9	187.5	192.3	191.4	145.5	146.2	146.6	56
9.5	9.6	9.6	32.6	33.2	33.6	6.0	6.1	6.1	20.4	19.8	19.5	26.5	27.1	27.2	57
5.5	6.7	(*)	11.2	11.5	(*)	4.2	4.6	(*)	8.9	9.7	(*)	15.7	16.0	(*)	58
79.1	79.9	80.7	245.3	254.6	259.2	61.4	64.4	64.4	193.3	200.6	200.6	127.1	132.1	132.9	59
4.8	4.7	4.9	22.5	21.9	22.0	3.5	3.5	3.5	13.5	13.8	13.8	16.0	16.6	16.8	60
14.0	14.5	14.4	80.9	81.1	82.6	21.8	22.2	22.3	54.1	53.9	54.1	86.5	88.0	88.0	61
2.8	2.6	2.8	13.1	12.9	13.2	3.3	3.4	3.4	11.7	11.9	11.9	10.0	10.5	10.5	62
2.2	2.1	2.1	11.5	11.5	11.8	1.9	2.0	2.0	7.1	7.2	7.2	10.8	10.9	10.9	63

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls for States and selected areas, by industry division—Continued

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P
1 UTAH	450.7	481.1	479.5	13.0	14.4	14.3	22.7	29.4	26.7	67.3	72.6	72.2
2 Salt Lake City—Ogden	324.6	344.6	344.1	6.1	6.6	6.7	16.1	20.8	19.3	46.7	49.8	50.4
3 VERMONT	160.7	164.2	165.3	.7	.7	.7	6.5	7.4	6.4	39.6	40.5	40.4
4 Burlington ¹⁶	42.3	44.3	44.1	-	-	-	-	-	-	9.4	10.0	10.0
5 Springfield ¹⁶	12.4	11.9	11.9	-	-	-	-	-	-	5.6	5.1	5.1
6 VIRGINIA	1,779.5	1,810.6	1,814.0	20.6	20.5	20.7	100.0	105.7	102.7	373.4	383.7	381.9
7 Bristol	23.2	24.3	24.5	(1)	(1)	(1)	.8	1.0	.9	8.1	8.4	8.4
8 Lynchburg	59.1	61.3	61.4	(1)	(1)	(1)	2.9	3.2	3.2	25.0	26.1	26.1
9 Newport News—Hampton	127.4	130.7	130.6	(1)	(1)	(1)	5.9	5.8	5.7	31.3	32.1	32.3
10 Norfolk—Virginia Beach—Portsmouth	241.8	246.9	247.3	(1)	(1)	(1)	14.9	15.0	14.6	24.0	25.5	25.2
11 Northern Virginia ¹⁷	344.7	349.0	351.5	.3	.3	.3	21.2	22.4	21.7	11.0	11.6	12.0
12 Richmond	274.3	275.4	276.3	.4	.4	.3	14.9	14.4	13.9	50.3	50.6	50.5
13 Roanoke	94.7	95.0	94.7	.2	.2	.2	5.5	5.4	5.0	21.2	21.0	20.9
14 WASHINGTON	1,215.1	1,261.4	1,260.1	1.9	2.0	2.0	53.6	57.3	55.0	235.7	248.4	245.3
15 Seattle—Everett	568.6	593.9	595.4	(1)	(1)	(1)	22.3	25.9	25.0	117.3	119.6	119.1
16 Spokane	103.2	107.2	107.1	(1)	(1)	(1)	5.1	5.6	5.2	13.0	14.8	14.8
17 Tacoma	117.0	121.1	120.5	(1)	(1)	(1)	4.5	5.6	5.4	20.6	19.1	18.8
18 WEST VIRGINIA	565.3	575.2	(*)	63.1	64.0	(*)	25.6	28.5	(*)	118.0	122.2	(*)
19 Charleston	101.2	102.1	(*)	6.0	6.1	(*)	5.8	5.9	(*)	18.3	19.4	(*)
20 Huntington—Ashland	93.6	95.5	(*)	.7	.7	(*)	4.0	4.1	(*)	27.6	28.7	(*)
21 Parkersburg—Marietta	49.8	50.5	(*)	.4	.4	(*)	2.5	2.5	(*)	15.6	15.7	(*)
22 Wheeling	61.5	61.5	(*)	6.9	7.0	(*)	1.9	1.9	(*)	13.3	13.4	(*)
23 WISCONSIN	1,696.8	1,723.9	1,720.2	2.4	2.6	2.2	53.8	60.2	54.9	498.5	503.0	502.6
24 Appleton—Oshkosh	106.7	109.5	107.9	(1)	(1)	(1)	4.0	4.7	4.5	40.3	40.7	40.1
25 Green Bay	67.3	69.6	70.1	(1)	(1)	(1)	3.0	3.7	3.4	15.2	19.7	19.8
26 Kenosha	43.5	35.6	38.6	(1)	(1)	(1)	1.0	.8	.8	19.6	11.6	14.2
27 La Crosse	34.9	36.7	36.9	(1)	(1)	(1)	1.1	1.2	1.2	8.4	8.7	8.8
28 Madison	142.3	147.2	146.2	(1)	(1)	(1)	5.6	5.8	5.4	15.7	16.5	16.3
29 Milwaukee	600.5	605.0	604.3	(1)	(1)	(1)	17.5	19.0	17.6	195.6	196.7	196.6
30 Racine	62.6	63.2	63.7	(1)	(1)	(1)	1.7	1.7	1.7	26.8	26.7	26.9
31 WYOMING	147.6	160.6	160.2	19.1	22.2	22.6	13.6	15.7	14.9	8.3	8.7	8.5
32 Casper	25.2	28.1	28.4	4.6	5.2	5.4	1.7	2.1	2.0	1.5	1.6	1.5
33 Cheyenne	23.9	24.0	24.1	(1)	(1)	(1)	1.7	1.8	1.8	1.6	1.9	1.9

¹ Combined with services.
² Combined with construction.
³ Federal employment in the Maryland and Virginia sectors of the Washington SMSA is no longer included in data for the District of Columbia.
⁴ Based on 1972 Standard Industrial Classification.
⁵ Area included in Chicago-Gary Standard Consolidated Statistical Area.
⁶ Data do not include federal employment in the Maryland sector of the Washington, D.C. Standard Metropolitan Statistical Area.
⁷ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.
⁸ Subarea of New York—Northeastern New Jersey.
⁹ Subarea of Rochester Standard Metropolitan Statistical Area.
¹⁰ Area included in New York and Nassau—Suffolk combined SMSA's.
¹¹ Subarea of New York Standard Metropolitan Statistical Area.
¹² Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

¹³ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.
¹⁴ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.
¹⁵ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.
¹⁶ Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.
¹⁷ Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.
p=preliminary.
* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-8. Employees on nonagricultural payrolls 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			
DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	
27.3	28.9	29.0	111.6	116.0	118.5	20.4	21.8	21.9	77.8	82.4	82.7	110.6	115.5	114.0	1
22.3	22.8	22.8	82.9	85.8	87.4	17.1	17.3	17.3	51.2	55.5	55.2	82.2	85.9	85.1	2
7.8	7.7	7.7	34.2	35.3	36.0	6.6	6.7	6.8	34.6	34.3	36.0	31.0	31.7	31.5	3
2.0	2.0	2.0	9.2	9.7	9.8	-	-	-	8.7	9.2	9.2	-	-	-	4
.7	.7	.7	2.0	1.9	1.9	-	-	-	2.0	1.9	2.0	-	-	-	5
102.6	102.2	104.1	373.4	372.6	378.1	86.6	88.8	89.0	294.2	301.4	300.8	428.7	435.7	436.7	6
.9	.9	1.0	5.1	5.1	5.3	1.1	1.2	1.2	3.1	3.3	3.3	4.1	4.4	4.4	7
2.5	2.6	2.6	10.2	10.1	10.3	2.7	2.8	2.8	8.1	8.2	8.2	7.7	8.3	8.2	8
4.3	4.2	4.2	23.3	24.3	24.1	4.1	4.0	4.0	22.1	23.2	23.1	36.4	37.1	37.2	9
16.5	16.3	16.5	58.8	60.9	61.7	12.5	12.5	12.5	40.8	41.2	41.1	74.3	75.5	75.7	10
24.4	24.8	25.0	83.7	84.3	86.6	21.4	22.8	23.0	75.5	77.1	77.0	107.2	105.7	105.9	11
17.0	16.7	16.9	64.0	64.3	65.7	22.6	22.8	22.8	45.2	45.8	45.6	59.9	60.4	60.6	12
10.1	9.9	9.9	22.2	22.3	22.6	5.5	5.6	5.6	16.5	16.6	16.5	13.5	14.0	14.0	13
69.4	73.9	73.8	294.2	299.0	303.4	66.8	68.6	68.8	221.0	231.7	232.2	272.5	280.5	279.6	14
37.7	41.8	41.7	140.2	146.7	149.8	39.9	41.7	41.8	105.2	110.3	110.3	106.0	107.9	107.7	15
7.2	7.4	7.3	28.7	29.2	29.7	6.3	6.3	6.4	23.1	24.3	24.1	19.8	19.6	19.6	16
5.4	5.6	5.5	28.5	30.8	31.3	5.5	5.7	5.7	23.3	25.0	24.8	29.2	29.3	29.0	17
38.9	38.6	(*)	113.3	110.9	(*)	18.2	18.7	(*)	80.1	82.7	(*)	108.1	109.6	(*)	18
8.9	8.7	(*)	23.3	22.7	(*)	4.2	4.2	(*)	16.2	16.7	(*)	18.6	18.4	(*)	19
9.1	9.2	(*)	19.6	19.2	(*)	3.3	3.3	(*)	12.7	13.3	(*)	16.6	16.9	(*)	20
2.3	2.2	(*)	11.4	11.2	(*)	1.6	1.7	(*)	7.6	7.7	(*)	8.6	9.2	(*)	21
3.6	3.5	(*)	13.9	13.6	(*)	2.4	2.4	(*)	11.6	11.9	(*)	7.9	7.6	(*)	22
82.6	83.8	83.3	391.1	396.6	400.1	73.8	76.5	76.7	296.2	307.0	307.1	292.5	294.2	293.3	23
4.1	4.0	4.1	22.9	23.6	22.9	4.1	4.3	4.3	16.3	16.9	16.9	14.9	15.2	15.2	24
4.6	4.5	4.5	16.8	16.9	17.1	2.0	2.1	2.2	12.1	12.9	13.3	9.5	9.7	9.9	25
1.4	1.4	1.4	7.8	8.0	8.1	.8	.9	.9	7.2	7.0	7.2	5.8	5.9	6.0	26
1.8	2.1	2.0	9.6	10.1	10.2	.9	1.0	1.0	7.2	7.6	7.6	5.8	6.0	6.0	27
5.2	5.2	5.2	31.7	32.5	33.0	9.2	9.7	9.7	23.6	25.3	25.0	51.3	52.3	51.7	28
29.7	29.8	29.6	134.4	132.7	134.4	32.4	33.4	33.5	113.5	116.6	115.9	77.5	76.7	76.7	29
2.4	2.4	2.4	12.0	12.3	12.4	1.6	1.6	1.6	9.6	9.9	9.9	8.6	8.6	8.8	30
12.5	13.1	13.2	31.5	33.2	33.8	4.8	5.5	5.5	20.6	22.6	22.4	37.2	39.6	39.3	31
1.8	2.0	2.0	6.6	7.5	7.6	1.0	1.1	1.2	4.0	4.4	4.4	4.0	4.2	4.3	32
3.3	3.1	3.0	5.1	5.2	5.4	1.4	1.4	1.4	3.9	4.0	4.0	6.9	6.6	6.6	33

ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS

C-1. Gross hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division, 1955 to date

Year and month	Average												
	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Hourly earnings: excl. overtime
	Total private ¹			Mining			Contract construction			Manufacturing			
1955.....	\$67.72	39.6	\$1.71	\$89.54	40.7	\$2.20	\$90.90	37.1	\$2.45	\$75.70	40.7	\$1.86	\$1.70
1956.....	70.74	39.3	1.80	95.06	40.8	2.33	96.38	37.5	2.57	78.78	40.4	1.95	1.80
1957.....	73.33	38.8	1.89	98.65	40.1	2.46	100.27	37.0	2.71	81.59	39.8	2.05	1.90
1958.....	75.08	38.5	1.95	96.08	38.9	2.47	103.78	36.8	2.82	82.71	39.2	2.11	2.05
1959 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	2.12
1960.....	80.67	38.6	2.09	105.44	40.4	2.61	113.04	36.7	3.08	89.72	39.7	2.26	2.20
1961.....	82.60	38.6	2.14	106.92	40.5	2.64	118.08	36.9	3.20	92.34	39.8	2.32	2.27
1962.....	85.91	38.7	2.22	110.43	40.9	2.70	122.47	37.0	3.31	96.56	40.4	2.39	2.31
1963.....	88.46	38.8	2.28	114.40	41.6	2.75	127.19	37.3	3.41	99.63	40.5	2.46	2.37
1964.....	91.33	38.7	2.36	117.74	41.9	2.81	132.06	37.2	3.55	102.97	40.7	2.53	2.44
1965.....	95.06	38.8	2.45	123.52	42.3	2.92	138.38	37.4	3.70	107.53	41.2	2.61	2.51
1966.....	98.82	38.6	2.56	130.24	42.7	3.05	146.26	37.6	3.89	112.34	41.3	2.72	2.59
1967.....	101.84	38.0	2.68	135.89	42.6	3.19	154.95	37.7	4.11	114.90	40.6	2.83	2.72
1968.....	107.73	37.8	2.85	142.71	42.6	3.35	164.49	37.3	4.41	122.51	40.7	3.01	2.88
1969.....	114.61	37.7	3.04	155.23	43.0	3.61	181.54	37.9	4.79	129.51	40.6	3.19	3.06
1970.....	119.46	37.1	3.22	164.40	42.7	3.85	195.45	37.3	5.24	133.73	39.8	3.36	3.24
1971.....	127.28	37.0	3.44	172.14	42.4	4.06	211.67	37.2	5.69	142.44	39.9	3.57	3.44
1972.....	136.16	37.1	3.67	187.43	42.5	4.41	222.51	36.9	6.03	154.69	40.6	3.81	3.66
1973.....	145.43	37.1	3.92	201.03	42.5	4.73	235.69	37.0	6.37	166.06	40.7	4.08	3.89
1974.....	154.45	36.6	4.22	220.90	42.4	5.21	249.08	36.9	6.75	176.40	40.0	4.41	4.24
1975.....	163.89	36.1	4.54	249.57	42.3	5.90	265.35	36.6	7.25	189.51	39.4	4.81	4.66
1976 ^P	176.29	36.2	4.87	274.78	42.8	6.42	284.56	37.1	7.67	208.12	40.1	5.19	5.00
1976:													
Jan.....	169.92	36.0	4.72	266.48	42.5	6.27	270.00	36.0	7.50	200.30	39.9	5.02	4.85
Feb.....	170.64	36.0	4.74	268.58	42.7	6.29	272.66	36.5	7.47	201.10	39.9	5.04	4.86
Mar.....	170.88	35.9	4.76	265.44	42.2	6.29	269.54	35.7	7.55	202.80	40.0	5.07	4.88
Apr.....	171.12	35.8	4.78	267.76	42.3	6.33	278.25	37.1	7.50	198.74	39.2	5.07	4.92
May.....	174.36	36.1	4.83	269.88	42.5	6.35	283.09	37.2	7.61	205.82	40.2	5.12	4.93
June.....	176.54	36.4	4.85	270.50	42.8	6.32	288.04	37.9	7.60	208.06	40.4	5.15	4.96
July.....	177.88	36.6	4.86	272.85	42.7	6.39	291.07	37.9	7.68	208.00	40.0	5.20	5.00
Aug.....	178.97	36.6	4.89	259.15	41.2	6.29	292.21	37.9	7.71	208.40	40.0	5.21	5.02
Sept.....	179.55	36.2	4.96	289.08	43.8	6.60	287.41	36.8	7.81	212.93	40.1	5.31	5.09
Oct.....	180.28	36.2	4.98	287.33	43.8	6.56	299.87	38.2	7.85	211.20	40.0	5.28	5.08
Nov.....	180.50	36.1	5.00	288.63	43.6	6.62	289.25	36.8	7.86	215.20	40.3	5.34	5.14
Dec.....	182.73	36.4	5.02	290.78	43.4	6.70	290.35	36.8	7.89	220.05	40.6	5.42	5.21
1977:													
Jan ^P	179.12	35.4	5.06	279.04	41.4	6.74	268.59	33.7	7.97	213.79	39.3	5.44	5.24
	Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			
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	83.97	34.7	2.42	-
1969.....	148.15	40.7	3.64	90.78	35.6	2.55	108.70	37.1	2.93	90.57	34.7	2.61	-
1970.....	155.93	40.5	3.85	95.66	35.3	2.71	113.34	36.8	3.08	96.66	34.4	2.81	-
1971.....	169.24	40.2	4.21	100.39	35.1	2.86	120.66	36.9	3.27	103.28	34.2	3.02	-
1972.....	187.92	40.5	4.64	105.65	35.1	3.01	126.88	37.1	3.42	110.14	34.1	3.23	-
1973.....	204.62	40.6	5.04	111.04	34.7	3.20	132.10	36.9	3.58	117.64	34.0	3.46	-
1974.....	218.29	40.2	5.43	118.33	34.1	3.47	140.19	36.7	3.82	127.46	33.9	3.76	-
1975.....	234.43	39.6	5.92	126.75	33.8	3.75	150.75	36.5	4.13	137.23	33.8	4.06	-
1976 ^P	257.75	39.9	6.46	133.39	33.6	3.97	159.58	36.6	4.36	146.06	33.5	4.36	-
1976:													
Jan.....	244.84	39.3	6.23	129.93	33.4	3.89	155.49	36.5	4.26	142.71	33.5	4.26	-
Feb.....	248.46	39.5	6.29	130.26	33.4	3.90	158.91	36.7	4.33	143.72	33.5	4.29	-
Mar.....	248.46	39.5	6.29	129.48	33.2	3.90	156.88	36.4	4.31	142.52	33.3	4.28	-
Apr.....	251.46	39.6	6.35	130.99	33.5	3.91	158.84	36.6	4.34	143.19	33.3	4.30	-
May.....	252.41	39.5	6.39	132.33	33.5	3.95	160.01	36.7	4.36	144.96	33.4	4.34	-
June.....	256.80	40.0	6.42	133.51	33.8	3.95	158.84	36.6	4.34	145.82	33.6	4.34	-
July.....	259.69	40.2	6.46	136.62	34.5	3.96	160.01	36.7	4.36	146.88	34.0	4.32	-
Aug.....	265.02	40.4	6.56	136.51	34.3	3.98	162.36	36.9	4.40	146.88	34.0	4.32	-
Sept.....	265.06	40.1	6.61	135.74	33.6	4.04	160.67	36.6	4.39	148.07	33.5	4.42	-
Oct.....	265.20	40.0	6.63	135.20	33.3	4.06	161.85	36.7	4.41	148.74	33.5	4.44	-
Nov.....	267.33	40.2	6.65	135.46	33.2	4.08	161.04	36.6	4.40	149.97	33.4	4.49	-
Dec ^P	268.00	40.3	6.65	137.97	33.9	4.07	162.21	36.7	4.42	150.97	33.4	4.52	-
1977:													
Jan ^P	264.53	39.6	6.68	136.03	32.7	4.16	166.87	37.0	4.51	153.05	33.2	4.61	-

¹For coverage of series, see footnote 1, table B-2.
²Data include Alaska and Hawaii beginning 1959.

³Prior to January 1956, data were based on the application of adjustment factors to gross average hourly earnings. (See Explanatory Note.)

p = preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers ¹ on private nonagricultural payrolls, by industry

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
-	TOTAL PRIVATE	\$171.19	\$169.92	\$180.50	\$182.73	\$179.12	\$4.69	\$4.72	\$5.00	\$5.02	\$5.06
-	MINING	264.69	266.48	288.63	290.78	279.04	6.17	6.27	6.62	6.70	6.74
10	METAL MINING	265.15	267.32	284.49	287.58	-	6.42	6.52	6.99	6.98	-
101	Iron ores	284.60	294.98	315.44	317.69	-	6.76	6.86	7.37	7.32	-
102	Copper ores	264.27	266.23	276.48	274.02	-	6.64	6.74	7.20	7.23	-
11,12	COAL MINING	306.03	307.26	333.66	331.70	-	7.67	7.72	8.04	8.17	-
12	Bituminous coal and lignite mining	307.23	308.07	334.91	332.92	-	7.70	7.76	8.07	8.20	-
13	OIL AND GAS EXTRACTION	250.25	253.57	272.05	276.46	-	5.50	5.61	5.94	6.01	-
131,2	Crude petroleum and natural gas fields	258.13	272.54	278.04	283.83	-	6.25	6.52	6.62	6.71	-
138	Oil and gas field services	246.13	243.93	268.94	273.42	-	5.16	5.19	5.65	5.72	-
14	NONMETALLIC MINERALS, EXCEPT										
	FUELS	219.60	213.95	245.20	(*)	-	5.06	5.07	5.56	(*)	-
142	Crushed and broken stone	207.10	200.86	237.98	(*)	-	4.85	4.84	5.36	(*)	-
-	CONTRACT CONSTRUCTION	275.62	270.00	289.25	290.35	268.59	7.51	7.50	7.86	7.89	7.97
15	GENERAL BUILDING CONTRACTORS	267.17	257.28	279.83	281.42	-	7.36	7.33	7.73	7.71	-
16	HEAVY CONSTRUCTION CONTRACTORS	261.97	257.28	283.75	274.94	-	6.70	6.58	7.22	7.16	-
161	Highway and street construction	238.16	234.82	275.41	263.89	-	6.17	5.96	6.99	6.89	-
162	Heavy construction, nec	278.48	269.97	290.82	281.47	-	7.05	6.94	7.40	7.33	-
17	SPECIAL TRADE CONTRACTORS	285.91	281.52	297.56	302.22	-	7.92	7.93	8.22	8.28	-
171	Plumbing, heating, air conditioning	303.62	302.44	317.60	322.18	-	7.99	7.98	8.38	8.39	-
172	Painting, paper hanging, decorating	252.89	250.24	266.64	277.03	-	7.33	7.36	7.64	7.76	-
173	Electrical work	324.05	324.60	344.13	350.35	-	8.55	8.61	9.08	9.10	-
174	Masonry, stonework, and plastering	259.07	239.32	264.23	256.41	-	7.78	7.77	8.13	8.14	-
176	Roofing and sheetmetal work	220.90	201.95	245.92	246.97	-	7.08	6.94	7.59	7.67	-
-	MANUFACTURING	204.00	200.30	215.20	220.05	213.79	5.00	5.02	5.34	5.42	5.44
19,24,25, 32-39	DURABLE GOODS	222.73	216.81	232.31	239.13	230.84	5.38	5.38	5.68	5.79	5.80
20-23,26-31	NONDURABLE GOODS	179.20	178.48	190.70	194.13	189.81	4.48	4.53	4.84	4.89	4.93
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	232.13	226.19	243.98	251.22	243.13	5.54	5.49	5.98	6.01	5.93
192	Ammunition, except for small arms	233.50	227.45	250.71	258.30	249.70	5.64	5.63	6.16	6.15	6.12
1925	Complete guided missiles	257.72	249.86	279.86	289.25	-	6.21	6.20	6.76	6.79	-
1929	Ammunition, exc. for small arms, nec	191.17	187.92	197.79	203.77	-	4.64	4.64	5.02	4.97	-
24	LUMBER AND WOOD PRODUCTS	178.09	177.06	193.91	197.15	192.73	4.43	4.46	4.86	4.88	4.98
242	Sawmills and planing mills	175.39	175.67	191.43	197.83	(*)	4.32	4.37	4.75	4.79	(*)
2421	Sawmills and planing mills, general	182.29	182.91	200.38	207.00	-	4.49	4.55	4.96	5.00	-
243	Millwork, plywood and related products	184.40	182.82	201.30	203.52	195.32	4.61	4.64	5.02	5.05	5.06
2431	Millwork	181.76	179.26	190.48	194.31	-	4.59	4.62	4.81	4.87	-
2432	Veneer and plywood	188.85	189.60	217.71	220.13	-	4.64	4.67	5.31	5.33	-
244	Wooden containers	134.50	130.90	140.46	140.87	(*)	3.44	3.50	3.62	3.64	(*)
2441,2	Wooden boxes, shooks, and crates	129.15	127.46	137.98	139.59	-	3.32	3.39	3.52	3.57	-
249	Miscellaneous wood products	157.32	155.83	159.18	162.39	155.88	3.80	3.81	4.04	4.07	4.07
25	FURNITURE AND FIXTURES	154.39	149.38	157.92	161.87	150.79	3.85	3.86	4.07	4.14	4.12
251	Household furniture	147.13	140.53	147.46	152.10	(*)	3.66	3.65	3.84	3.91	(*)
2511	Wood household furniture	137.83	134.41	141.87	146.10	-	3.42	3.42	3.61	3.68	-
2512	Upholstered household furniture	160.75	147.03	152.89	160.02	-	3.94	3.90	4.11	4.20	-
2515	Mattresses and bedsprings	160.44	158.47	160.45	162.50	-	4.20	4.26	4.42	4.44	-
252	Office furniture	175.87	170.28	196.24	188.46	-	4.30	4.30	4.74	4.82	-
254	Partitions and fixtures	183.68	182.13	194.74	198.90	-	4.65	4.67	4.93	4.96	-
253,9	Other furniture and fixtures	169.78	167.04	175.28	180.06	172.37	4.32	4.35	4.46	4.57	4.56
32	STONE, CLAY, AND GLASS PRODUCTS	208.98	204.02	225.09	225.36	216.15	5.06	5.05	5.45	5.47	5.50
321	Flat glass	289.49	275.42	283.92	287.80	-	6.52	6.42	6.76	6.82	-
322	Glass and glassware, pressed or blown	212.08	210.53	226.55	229.45	(*)	5.16	5.16	5.58	5.61	(*)
3221	Glass containers	220.81	217.42	232.64	237.89	-	5.27	5.29	5.73	5.76	-
3229	Pressed and blown glass, nec	199.20	200.29	216.68	215.87	-	4.98	4.97	5.35	5.37	-
324	Cement, hydraulic	277.03	277.17	312.33	306.45	307.10	6.79	6.81	7.49	7.42	7.40
325	Structural clay products	167.68	164.02	181.63	182.55	171.99	4.06	4.07	4.43	4.42	4.41
3251	Brick and structural clay tile	153.92	147.97	163.51	163.02	-	3.70	3.69	3.94	3.90	-
326	Pottery and related products	171.30	170.38	185.18	190.24	-	4.37	4.38	4.70	4.78	-
327	Concrete, gypsum, and plaster products	211.68	201.10	230.66	225.84	212.12	5.04	4.99	5.44	5.39	5.37
328,9	Other stone and nonmetallic mineral products	205.26	200.69	218.00	220.45	213.19	4.97	4.98	5.33	5.39	5.37
3291	Abrasive products	203.52	199.98	214.25	226.14	-	5.05	5.05	5.29	5.39	-

See footnotes at end of table.

**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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
—	TOTAL PRIVATE	36.5	36.0	36.1	36.4	35.4	—	—	—	—	—
—	MINING	42.9	42.5	43.6	43.4	41.4	—	—	—	—	—
10	METAL MINING	41.3	41.0	40.7	41.2	—	—	—	—	—	—
101	Iron ores	42.1	43.0	42.8	43.4	—	—	—	—	—	—
102	Copper ores	39.8	39.5	38.4	37.9	—	—	—	—	—	—
11,12	COAL MINING	39.9	39.8	41.5	40.6	—	—	—	—	—	—
12	Bituminous coal and lignite mining	39.9	39.7	41.5	40.6	—	—	—	—	—	—
13	OIL AND GAS EXTRACTION	45.5	45.2	45.8	46.0	—	—	—	—	—	—
131,2	Crude petroleum and natural gas fields	41.3	41.8	42.0	42.3	—	—	—	—	—	—
138	Oil and gas field services	47.7	47.0	47.6	47.8	—	—	—	—	—	—
14	NONMETALLIC MINERALS, EXCEPT FUELS	43.4	42.2	44.1	(*)	—	—	—	—	—	—
142	Crushed and broken stone	42.7	41.5	44.4	(*)	—	—	—	—	—	—
—	CONTRACT CONSTRUCTION	36.7	36.0	36.8	36.8	33.7	—	—	—	—	—
15	GENERAL BUILDING CONTRACTORS	36.3	35.1	36.2	36.5	—	—	—	—	—	—
16	HEAVY CONSTRUCTION CONTRACTORS	39.1	39.1	39.3	38.4	—	—	—	—	—	—
161	Highway and street construction	38.6	39.4	39.4	38.3	—	—	—	—	—	—
162	Heavy construction, nec	39.5	38.9	39.3	38.4	—	—	—	—	—	—
17	SPECIAL TRADE CONTRACTORS	36.1	35.5	36.2	36.5	—	—	—	—	—	—
171	Plumbing, heating, air conditioning	38.0	37.9	37.9	38.4	—	—	—	—	—	—
172	Painting, paper hanging, decorating	34.5	34.0	34.9	35.7	—	—	—	—	—	—
173	Electrical work	37.9	37.7	37.9	38.5	—	—	—	—	—	—
174	Masonry, stonework, and plastering	33.3	30.8	32.5	31.5	—	—	—	—	—	—
176	Roofing and sheet metal work	31.2	29.1	32.4	32.2	—	—	—	—	—	—
—	MANUFACTURING	40.8	39.9	40.3	40.6	39.3	3.1	2.8	3.2	3.3	3.0
19,24,25,32,39	DURABLE GOODS	41.4	40.3	40.9	41.3	39.8	3.1	2.7	3.3	3.5	3.1
20-23,26-31	NONDURABLE GOODS	40.0	39.4	39.4	39.7	38.5	3.2	3.0	3.0	3.1	2.9
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	41.9	41.2	40.8	41.8	41.0	2.6	3.2	2.7	2.8	—
192	Ammunition, except for small arms	41.4	40.4	40.1	42.0	40.8	2.3	2.1	2.8	2.8	—
1925	Complete guided missiles	41.5	40.3	41.4	42.6	—	—	—	—	—	—
1929	Ammunition, exc. for small arms, nec.	41.2	40.5	39.4	41.0	—	—	—	—	—	—
24	LUMBER AND WOOD PRODUCTS	40.2	39.7	39.9	40.4	38.7	3.4	3.1	3.5	3.7	—
242	Sawmills and planing mills	40.6	40.2	40.3	41.3	(*)	3.9	3.5	3.9	4.3	—
2421	Sawmills and planing mills, general	40.6	40.2	40.4	41.4	—	—	—	—	—	—
243	Millwork, plywood and related products	40.0	39.4	40.1	40.3	38.6	3.0	2.7	3.3	3.3	—
2431	Millwork	39.6	38.8	39.6	39.9	—	—	—	—	—	—
2432	Veneer and plywood	40.7	40.6	41.0	41.3	—	—	—	—	—	—
244	Wooden containers	39.1	37.4	38.8	38.7	(*)	2.4	1.5	2.4	2.3	—
2441,2	Wooden boxes, shooks, and crates	38.9	37.6	39.2	39.1	—	—	—	—	—	—
249	Miscellaneous wood products	41.4	40.9	39.4	39.9	38.3	3.8	3.6	3.3	3.4	—
25	FURNITURE AND FIXTURES	40.1	38.7	38.8	39.1	36.6	2.6	2.0	2.0	2.2	—
251	Household furniture	40.2	38.5	38.4	38.9	(*)	2.7	2.1	1.9	2.2	—
2511	Wood household furniture	40.3	39.3	39.3	39.7	—	2.8	2.4	2.2	2.5	—
2512	Upholstered household furniture	40.8	37.7	37.2	38.1	—	—	—	—	—	—
2515	Mattresses and bedsprings	38.2	37.2	36.3	36.6	—	—	—	—	—	—
252	Office furniture	40.9	39.6	41.4	39.1	—	2.1	1.7	3.3	2.8	—
254	Partitions and fixtures	39.5	39.0	39.5	40.1	—	2.1	2.0	2.3	2.4	—
253,9	Other furniture and fixtures	39.3	38.4	39.3	39.4	37.8	2.1	2.0	1.7	1.8	—
32	STONE, CLAY, AND GLASS PRODUCTS	41.3	40.4	41.3	41.2	39.3	3.8	3.4	4.2	3.9	—
321	Flat glass	44.4	42.9	42.0	42.2	—	4.2	4.3	6.4	5.8	—
322	Glass and glassware, pressed or blown	41.1	40.8	40.6	40.9	(*)	4.1	3.7	4.2	4.0	—
3221	Glass containers	41.9	41.1	40.6	41.3	—	—	—	—	—	—
3229	Pressed and blown glass, nec	40.0	40.3	40.5	40.2	—	2.7	2.6	3.1	2.6	—
324	Cement, hydraulic	40.8	40.7	41.7	41.3	41.5	2.2	2.4	3.0	2.6	—
325	Structural clay products	41.3	40.3	41.0	41.3	39.0	3.6	3.5	4.0	3.8	—
3251	Brick and structural clay tile	41.6	40.1	41.5	41.8	—	—	—	—	—	—
326	Pottery and related products	39.2	38.9	39.4	39.8	—	1.9	2.1	—	—	—
327	Concrete, gypsum and plaster products	42.0	40.3	42.4	41.9	39.5	4.8	4.0	5.4	4.7	—
328,9	Other stone and nonmetallic mineral products	41.3	40.3	40.9	40.9	39.7	3.2	2.8	3.4	3.3	—
3291	Abrasive products	40.3	39.6	40.5	40.1	—	—	—	—	—	—

See footnotes at end of table.

**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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
	DURABLE GOODS—Continued										
33	PRIMARY METAL INDUSTRIES	\$263.09	\$262.35	\$279.68	\$281.70	\$276.71	\$6.48	\$6.51	\$6.94	\$6.99	\$6.97
331	Blast furnace and basic steel products	288.86	292.25	306.15	305.74	(*)	7.35	7.38	7.85	7.88	(*)
3312	Blast furnaces and steel mills	294.81	299.38	310.34	310.27	—	7.54	7.56	8.04	8.08	—
332	Iron and steel foundries	241.78	236.74	262.48	268.13	252.01	5.84	5.86	6.34	6.43	6.38
3321	Gray iron foundries	250.62	243.01	271.88	276.30	—	6.01	6.03	6.52	6.61	—
3322	Malleable iron foundries	241.10	243.42	264.49	280.98	—	6.23	6.29	6.73	6.82	—
3323	Steel foundries	222.91	219.18	237.22	242.11	—	5.32	5.32	5.73	5.82	—
333,4	Nonferrous metals	256.87	260.00	286.49	287.87	286.77	6.16	6.25	6.92	6.92	6.91
3334	Primary aluminum	281.82	281.89	316.57	315.29	—	6.71	6.76	7.74	7.69	—
335	Nonferrous rolling and drawing	244.92	240.61	257.23	259.56	254.61	5.79	5.77	6.11	6.18	6.15
3351	Copper rolling and drawing	246.96	243.92	254.10	256.01	—	5.77	5.78	6.05	6.11	—
3352	Aluminum rolling and drawing	255.25	251.22	267.30	273.70	—	6.02	6.01	6.26	6.38	—
3357	Nonferrous wire drawing and insulating	240.51	237.64	255.40	252.77	—	5.74	5.74	6.11	6.15	—
336	Nonferrous foundries	208.28	203.41	214.93	222.35	220.05	5.08	5.06	5.32	5.41	5.42
3361	Aluminum castings	215.48	208.40	219.65	227.42	—	5.23	5.21	5.41	5.52	—
3362,9	Other nonferrous castings	200.00	197.56	209.96	216.48	—	4.89	4.89	5.21	5.28	—
339	Miscellaneous primary metal products	254.62	252.10	264.40	274.05	269.74	6.18	6.24	6.66	6.75	6.71
3391	Iron and steel forgings	266.83	263.48	283.51	288.55	—	6.54	6.62	7.07	7.16	—
34	FABRICATED METAL PRODUCTS	220.59	213.72	226.73	232.11	224.31	5.29	5.29	5.53	5.62	5.65
341	Metal cans	294.36	290.30	302.02	308.85	(*)	6.69	6.72	7.04	7.10	(*)
342	Cutlery, hand tools, and hardware	204.72	201.60	220.30	227.42	(*)	5.03	5.04	5.36	5.48	(*)
3421,3,5	Cutlery and hand tools, incl. saws	190.41	190.15	202.13	206.00	—	4.69	4.73	4.93	5.00	—
3429	Hardware, nec	215.95	210.67	232.78	242.11	—	5.28	5.28	5.65	5.82	—
343	Plumbing and heating, except electric	191.53	188.87	203.50	205.73	197.68	4.66	4.71	5.00	5.03	5.03
3431,2	Sanitary ware and plumbers' brass goods	194.28	187.78	200.59	199.29	—	4.75	4.73	5.04	5.02	—
3433	Heating equipment, except electric	189.11	189.48	205.84	211.09	—	4.59	4.69	4.96	5.05	—
344	Fabricated structural metal products	219.34	210.65	222.63	226.46	(*)	5.26	5.24	5.47	5.51	(*)
3441	Fabricated structural steel	231.32	222.76	238.78	244.92	—	5.43	5.42	5.74	5.79	—
3442	Metal doors, sash, and trim	171.65	165.64	172.43	176.91	—	4.27	4.28	4.41	4.49	—
3443	Fabricated plate work (boiler shops)	239.14	228.22	242.49	247.52	—	5.64	5.58	5.90	5.95	—
3444	Sheet metal work	219.64	213.25	227.11	224.78	—	5.45	5.44	5.58	5.55	—
3446,9	Architectural and misc. metal work	206.71	197.07	211.29	214.20	—	4.91	4.89	5.23	5.25	—
345	Screw machine products, bolts, etc	206.14	203.92	227.34	232.05	224.13	5.04	5.06	5.40	5.46	5.44
3451	Screw machine products	194.47	191.84	216.52	222.60	—	4.79	4.82	5.18	5.25	—
3452	Bolts, nuts, rivets, and washers	216.60	214.90	237.86	241.40	—	5.27	5.28	5.61	5.68	—
346	Metal stampings	258.50	241.57	250.70	259.13	(*)	5.97	5.95	6.19	6.43	(*)
347	Metal services, nec	175.01	173.13	179.74	186.18	183.08	4.30	4.35	4.46	4.53	4.60
348	Miscellaneous fabricated wire products	187.52	185.26	191.09	195.16	(*)	4.63	4.62	4.73	4.76	(*)
349	Miscellaneous fabricated metal products	213.00	210.83	227.01	230.18	227.40	5.17	5.18	5.51	5.52	5.56
3494,8	Valves, pipe, and pipe fittings	223.10	220.71	234.06	235.48	—	5.35	5.37	5.64	5.62	—
35	MACHINERY, EXCEPT ELECTRICAL	236.60	230.57	246.45	255.00	245.96	5.62	5.61	5.91	6.00	5.97
351	Engines and turbines	262.06	257.86	283.72	297.07	(*)	6.33	6.32	6.92	7.09	(*)
3511	Steam engines and turbines	250.49	239.20	278.10	286.21	—	5.88	5.82	6.59	6.61	—
3519	Internal combustion engines, nec	267.49	266.59	285.63	301.58	—	6.54	6.55	7.07	7.32	—
352	Farm machinery	255.13	250.85	252.55	282.32	—	6.06	6.03	6.19	6.52	—
353	Construction and related machinery	250.67	243.67	252.76	265.44	(*)	5.94	5.90	6.18	6.29	(*)
3531,2	Construction and mining machinery	264.21	257.28	263.74	278.62	—	6.46	6.40	6.61	6.73	—
3533	Oil field machinery	245.85	237.36	249.41	259.16	—	5.31	5.31	5.76	5.85	—
3535,6	Conveyors, hoists, cranes, monorails	239.76	232.39	235.71	243.78	—	5.55	5.52	5.82	5.86	—
3537	Industrial trucks and tractors	199.18	201.24	230.57	245.92	—	5.16	5.16	5.61	5.80	—
354	Metal working machinery	245.07	239.87	262.55	271.19	266.05	5.78	5.78	6.12	6.22	6.26
3541	Machine tools, metal cutting types	246.19	238.71	269.14	282.00	—	5.82	5.78	6.23	6.38	—
3544	Special dies, tools, jigs and fixtures	269.01	264.50	282.95	292.13	—	6.17	6.18	6.46	6.55	—
3545	Machine tool accessories	217.30	216.40	239.27	244.10	—	5.30	5.33	5.67	5.73	—
3542,8	Miscellaneous metal working machinery	221.20	212.80	235.00	241.50	—	5.33	5.32	5.69	5.75	—
355	Special industry machinery	217.24	210.23	235.34	241.10	226.24	5.16	5.14	5.59	5.62	5.60
3551	Food products machinery	226.08	218.69	248.20	254.60	—	5.37	5.36	5.84	5.88	—
3552	Textile machinery	180.94	174.40	190.54	195.99	—	4.36	4.36	4.67	4.70	—
3555	Printing trades machinery	217.35	214.90	244.44	255.31	—	5.25	5.28	5.82	5.91	—
356	General industrial machinery	236.18	229.04	243.43	250.07	(*)	5.61	5.60	5.88	5.94	(*)
3561	Pumps and compressors	240.50	230.05	248.56	252.88	—	5.58	5.53	5.89	5.95	—
3562	Ball and roller bearings	237.89	237.63	254.75	254.56	—	5.76	5.81	6.08	6.09	—
3564	Blowers and fans	222.56	210.53	224.68	246.47	—	5.20	5.16	5.48	5.64	—
3566	Power transmission equipment	236.03	228.52	242.78	247.80	—	5.58	5.56	5.85	5.90	—
357	Office and computing machines	220.58	215.17	228.98	233.93	(*)	5.19	5.21	5.35	5.39	(*)
3573	Electronic computing equipment	231.88	226.26	235.87	240.68	—	5.38	5.40	5.46	5.47	—
358	Service industry machines	209.71	200.88	218.30	214.24	(*)	5.09	5.06	5.39	5.41	(*)
3585	Refrigeration machinery	214.11	204.51	220.19	215.57	—	5.11	5.10	5.41	5.43	—
359	Miscellaneous machinery, except electrical	226.38	223.85	238.26	245.23	(*)	5.39	5.42	5.70	5.77	(*)

See footnotes at end of table.

**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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p
	DURABLE GOODS—Continued										
	PRIMARY METAL INDUSTRIES										
33	PRIMARY METAL INDUSTRIES	40.6	40.3	40.3	40.3	39.7	2.8	2.7	3.0	3.2	
331	Blast furnace and basic steel products	39.3	39.6	39.0	38.8	(*)	1.8	1.9	1.9	2.1	
3312	Blast furnaces and steel mills	39.1	39.6	38.6	38.4	—	1.7	1.9	1.7	1.9	
332	Iron and steel foundries	41.4	40.4	41.4	41.7	39.5	3.7	3.4	4.3	4.6	
3321	Gray iron foundries	41.7	40.3	41.7	41.8	—	3.8	3.4	5.0	5.2	
3322	Malleable iron foundries	38.7	38.7	39.3	41.2	—	—	—	—	—	
3323	Steel foundries	41.9	41.2	41.4	41.6	—	3.9	3.5	3.3	3.7	
333,4	Nonferrous metals	41.7	41.6	41.4	41.6	41.5	3.4	3.5	3.2	3.2	
3334	Primary aluminum	42.0	41.7	40.9	41.0	—	—	—	—	—	
335	Nonferrous rolling and drawing	42.3	41.7	42.1	42.0	41.4	4.0	3.8	4.4	4.4	
3351	Copper rolling and drawing	42.8	42.2	42.0	41.9	—	—	—	—	—	
3352	Aluminum rolling and drawing	42.4	41.8	42.7	42.9	—	4.6	4.2	5.5	5.6	
3357	Nonferrous wire drawing and insulating	41.9	41.4	41.8	41.1	—	3.7	3.3	3.9	3.7	
336	Nonferrous foundries	41.0	40.2	40.4	41.1	40.6	3.0	2.5	2.9	3.3	
3361	Aluminum castings	41.2	40.0	40.6	41.2	—	—	—	—	—	
3362,9	Other nonferrous castings	40.9	40.4	40.3	41.0	—	—	—	—	—	
339	Miscellaneous primary metal products	41.2	40.4	39.7	40.6	40.2	3.7	3.2	3.3	3.5	
3391	Iron and steel forgings	40.8	39.8	40.1	40.3	—	—	—	—	—	
	FABRICATED METAL PRODUCTS										
34	FABRICATED METAL PRODUCTS	41.7	40.4	41.0	41.3	39.7	3.1	2.8	3.4	3.5	
341	Metal cans	44.0	43.2	42.9	43.5	(*)	3.0	3.8	3.5	3.4	
342	Cutlery, hand tools, and hardware	40.7	40.0	41.1	41.5	(*)	2.6	2.5	3.3	3.7	
3421,3,5	Cutlery and hand tools, incl. saws	40.6	40.2	41.0	41.2	—	—	—	—	—	
3429	Hardware, nec.	40.9	39.9	41.2	41.6	—	—	—	—	—	
343	Plumbing and heating, except electric	41.1	40.1	40.7	40.9	39.3	3.2	2.7	2.9	3.2	
3431,2	Sanitary ware and plumbers' brass goods	40.9	39.7	39.8	39.7	—	—	—	—	—	
3433	Heating equipment, except electric	41.2	40.4	41.5	41.8	—	—	—	—	—	
344	Fabricated structural metal products	41.7	40.2	40.7	41.1	(*)	3.4	2.6	3.0	3.0	
3441	Fabricated structural steel	42.6	41.1	41.6	42.3	—	3.8	3.2	3.3	3.3	
3442	Metal doors, sash, and trim	40.2	38.7	39.1	39.4	—	—	—	—	—	
3443	Fabricated plate work (boiler shops)	42.4	40.9	41.1	41.6	—	4.0	3.0	3.1	3.3	
3444	Sheet metal work	40.3	39.2	40.7	40.5	—	—	—	—	—	
3446,9	Architectural and misc. metal work	42.1	40.3	40.4	40.8	—	—	—	—	—	
345	Screw machine products, bolts, etc.	40.9	40.3	42.1	42.5	41.2	2.4	2.3	4.0	4.4	
3451	Screw machine products	40.6	39.8	41.8	42.4	—	—	—	—	—	
3452	Bolts, nuts, rivets, and washers	41.1	40.7	42.4	42.5	—	—	—	—	—	
346	Metal stampings	43.3	40.6	40.5	40.3	(*)	3.0	3.3	4.5	4.3	
347	Metal services, nec.	40.7	39.8	40.3	41.1	39.8	3.3	3.1	3.4	3.6	
348	Miscellaneous fabricated wire products	40.5	40.1	40.4	41.0	(*)	2.8	2.7	2.8	3.0	
349	Miscellaneous fabricated metal products	41.2	40.7	41.2	41.7	40.9	3.1	2.9	3.2	3.3	
3494,8	Valves, pipe, and pipe fittings	41.7	41.1	41.5	41.9	—	—	—	—	—	
	MACHINERY, EXCEPT ELECTRICAL										
35	MACHINERY, EXCEPT ELECTRICAL	42.1	41.1	41.7	42.5	41.2	3.5	3.0	3.5	4.0	
351	Engines and turbines	41.4	40.8	41.0	41.9	(*)	3.9	2.9	2.9	3.8	
3511	Steam engines and turbines	42.6	41.1	42.2	43.3	—	—	—	—	—	
3519	Internal combustion engines, nec.	40.9	40.7	40.4	41.2	—	—	—	—	—	
352	Farm machinery	42.1	41.6	40.8	43.3	—	2.8	3.2	4.0	4.5	
353	Construction and related machinery	42.2	41.3	40.9	42.2	(*)	3.5	2.9	2.3	2.9	
3531,2	Construction and mining machinery	40.9	40.2	39.9	41.4	—	2.7	2.1	1.5	2.1	
3533	Oil field machinery	46.3	44.7	43.3	44.3	—	—	—	—	—	
3535,6	Conveyors, hoists, cranes, monorails	43.2	42.1	40.5	41.6	—	—	—	—	—	
3537	Industrial trucks and tractors	38.6	39.0	41.1	42.4	—	—	—	—	—	
354	Metal working machinery	42.4	41.5	42.9	43.6	42.5	3.9	3.5	4.7	5.3	
3541	Machine tools, metal cutting types	42.3	41.3	43.2	44.2	—	3.5	2.7	4.2	5.1	
3544	Special dies, tools, jig and fixtures	43.6	42.8	43.8	44.6	—	—	—	—	—	
3545	Machine tool accessories	41.0	40.6	42.2	42.6	—	2.4	2.5	3.8	4.3	
3542,8	Miscellaneous metal working machinery	41.5	40.0	41.3	42.0	—	—	—	—	—	
355	Special industry machinery	42.1	40.9	42.1	42.9	40.4	3.4	2.8	3.7	4.2	
3551	Food products machinery	42.1	40.8	42.5	43.3	—	—	—	—	—	
3552	Textile machinery	41.5	40.0	40.8	41.7	—	—	—	—	—	
3555	Printing trades machinery	41.4	40.7	42.0	43.2	—	—	—	—	—	
356	General industrial machinery	42.1	40.9	41.4	42.1	(*)	3.6	3.0	3.2	3.8	
3561	Pumps and compressors	43.1	41.6	42.2	42.5	—	4.6	3.3	3.6	4.4	
3562	Ball and roller bearings	41.3	40.9	41.9	41.8	—	3.1	3.4	3.6	3.9	
3564	Blowers and fans	42.8	40.8	41.0	43.7	—	—	—	—	—	
3566	Power transmission equipment	42.3	41.1	41.5	42.0	—	3.8	2.8	3.3	3.8	
357	Office and computing machines	42.5	41.3	42.8	43.4	(*)	3.1	2.3	3.6	4.0	
3573	Electronic computing equipment	43.1	41.9	43.2	44.0	—	—	—	—	—	
358	Service industry machines	41.2	39.7	40.5	39.6	(*)	2.5	1.6	2.0	2.1	
3585	Refrigeration machinery	41.9	40.1	40.7	39.7	—	2.6	1.6	1.8	2.0	
359	Miscellaneous machinery, except electrical	42.0	41.3	41.8	42.5	(*)	3.7	3.6	4.0	4.3	

See footnotes at end of table.

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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
	DURABLE GOODS—Continued										
36	ELECTRICAL EQUIPMENT AND SUPPLIES	\$194.55	\$190.80	\$205.84	\$211.56	\$203.82	\$4.78	\$4.77	\$5.07	\$5.16	\$5.16
361	Electric test and distributing equipment	199.26	194.80	214.25	220.73	(*)	4.92	4.87	5.29	5.41	(*)
3611	Electric measuring instruments	190.16	187.46	208.06	213.20	—	4.79	4.77	5.15	5.33	—
3612	Transformers	193.70	188.55	203.41	214.12	—	4.69	4.61	5.01	5.05	—
3613	Switchgear and switchboard apparatus	210.71	204.69	226.14	230.28	—	5.19	5.13	5.57	5.70	—
362	Electrical industrial apparatus	196.66	193.76	206.63	209.39	200.59	4.82	4.82	5.14	5.17	5.21
3621	Motors and generators	205.43	200.97	210.37	213.44	—	4.95	4.95	5.22	5.27	—
3622	Industrial controls	181.76	178.03	198.20	197.60	—	4.59	4.53	4.98	4.94	—
363	Household appliances	190.82	188.94	200.19	204.00	(*)	4.70	4.70	5.03	5.10	(*)
3632	Household refrigerators and freezers	204.35	201.64	220.18	222.49	—	4.96	4.93	5.56	5.48	—
3633	Household laundry equipment	209.83	211.58	220.99	231.28	—	5.45	5.51	5.77	5.90	—
3634	Electric housewares and fans	161.60	161.17	172.03	171.38	—	4.02	4.07	4.29	4.44	—
364	Electric lighting and wiring equipment	181.40	181.20	194.81	197.24	189.91	4.49	4.53	4.81	4.87	4.92
3641	Electric lamps	183.92	189.42	217.26	216.84	—	4.53	4.62	5.10	5.20	—
3642	Lighting fixtures	190.07	190.72	193.25	200.50	—	4.74	4.78	4.88	5.00	—
3643,4	Wiring devices	173.75	169.85	184.86	185.26	—	4.29	4.30	4.61	4.62	—
365	Radio and TV receiving equipment	178.35	171.52	179.60	179.08	175.72	4.47	4.49	4.57	4.58	4.60
366	Communication equipment	225.36	219.49	242.69	251.86	(*)	5.47	5.46	5.82	5.94	(*)
3661	Telephone and telegraph apparatus	228.48	225.99	256.58	270.14	—	5.60	5.58	6.08	6.21	—
3662	Radio and TV communication equipment	222.93	215.20	231.13	237.38	—	5.38	5.38	5.61	5.72	—
367	Electronic components and accessories	160.00	159.20	170.49	176.69	(*)	3.99	4.01	4.22	4.32	(*)
3671-3	Electron tubes	196.71	201.47	220.55	234.50	—	4.98	4.95	5.50	5.57	—
3674,9	Other electronic components	154.77	153.26	164.02	169.31	—	3.85	3.88	4.06	4.16	—
369	Miscellaneous electrical equip. and supplies	236.13	225.36	244.78	255.09	(*)	5.53	5.51	5.87	5.96	(*)
3694	Engine electrical equipment	254.88	239.09	260.62	270.51	—	5.90	5.86	6.28	6.35	—
37	TRANSPORTATION EQUIPMENT	277.33	259.72	280.98	297.62	283.03	6.39	6.35	6.69	6.97	6.92
371	Motor vehicles and equipment	312.81	284.00	312.63	338.65	(*)	6.89	6.86	7.22	7.61	(*)
3711	Motor vehicles	330.08	294.35	333.71	367.66	—	7.16	7.11	7.55	8.01	—
3712	Passenger car bodies	370.80	320.21	337.46	434.02	—	7.94	7.81	7.74	9.08	—
3713	Truck and bus bodies	222.08	211.85	223.44	234.55	—	5.25	5.27	5.60	5.82	—
3714	Motor vehicle parts and accessories	304.65	281.73	306.16	319.29	—	6.74	6.74	7.12	7.34	—
3715	Truck trailers	193.85	193.27	207.57	209.68	—	4.92	5.02	5.10	5.19	—
372	Aircraft and parts	265.65	258.74	274.73	280.73	(*)	6.31	6.28	6.62	6.70	(*)
3721	Aircraft	269.15	266.56	282.99	283.30	—	6.47	6.47	6.77	6.81	—
3722	Aircraft engines and engine parts	271.12	257.86	276.75	288.15	—	6.44	6.32	6.75	6.91	—
3723,9	Other aircraft parts and equipment	250.99	242.02	254.59	262.84	—	5.81	5.79	6.12	6.17	—
373	Ship and boat building and repairing	221.27	218.55	231.85	236.59	(*)	5.41	5.45	5.84	5.90	(*)
3731	Ship building and repairing	223.86	231.15	246.71	251.20	—	5.69	5.75	6.23	6.28	—
3732	Boat building and repairing	172.37	173.17	180.45	185.72	—	4.32	4.34	4.50	4.62	—
374	Railroad equipment	260.89	253.74	278.50	280.59	—	6.41	6.44	6.98	7.05	—
375,9	Other transportation equipment	165.12	163.02	177.12	175.49	—	4.30	4.29	4.53	4.57	—
38	INSTRUMENTS AND RELATED PRODUCTS	193.87	190.48	203.59	210.73	202.18	4.74	4.75	4.99	5.09	5.08
381	Engineering and scientific instruments	207.41	202.78	213.31	225.46	—	5.01	4.97	5.28	5.33	—
382	Mechanical measuring and control devices	185.09	179.66	199.02	206.26	(*)	4.57	4.56	4.89	4.97	(*)
3821	Mechanical measuring devices	193.34	184.54	206.67	214.97	—	4.67	4.66	4.98	5.07	—
3822	Automatic temperature controls	171.99	171.60	187.23	191.60	—	4.41	4.40	4.74	4.79	—
383,5	Optical and ophthalmic goods	171.28	167.09	182.20	185.38	(*)	4.25	4.23	4.51	4.60	(*)
385	Ophthalmic goods	152.09	152.49	163.94	163.88	—	3.87	3.91	4.14	4.17	—
384	Medical instruments and supplies	168.04	163.88	178.80	182.82	(*)	4.18	4.17	4.47	4.47	(*)
386	Photographic equipment and supplies	257.37	255.20	258.69	275.42	(*)	6.07	6.12	6.13	6.45	(*)
387	Watches, clocks, and watchcases	151.58	154.37	161.20	161.17	—	3.78	3.84	4.04	4.07	—
39	MISC. MANUFACTURING INDUSTRIES	155.24	152.45	160.34	163.46	160.23	3.94	3.97	4.08	4.17	4.25
391	Jewelry, silverware, and plated ware	169.30	157.80	178.16	178.80	(*)	4.17	4.12	4.41	4.47	(*)
394	Toys and sporting goods	143.15	143.22	145.49	147.46	—	3.68	3.72	3.74	3.85	—
3941-3	Games, toys, dolls and play vehicles	136.70	137.59	136.68	136.90	—	3.56	3.64	3.55	3.68	—
3949	Sporting and athletic goods, nec	149.33	148.58	154.84	156.81	—	3.79	3.80	3.95	3.99	—
395	Pens, pencils, office and art supplies	158.98	155.99	166.05	166.87	—	3.84	3.89	4.06	4.06	—
396	Costume jewelry and notions	126.75	127.28	141.96	140.18	—	3.38	3.44	3.64	3.66	—
393,9	Other manufacturing industries	168.30	165.21	172.48	177.36	(*)	4.25	4.28	4.40	4.49	(*)
393	Musical instruments and parts	161.60	154.04	163.93	167.60	—	3.99	3.97	4.15	4.19	—
	NONDURABLE GOODS										
20	FOOD AND KINDRED PRODUCTS	194.28	193.84	205.64	208.58	204.88	4.75	4.81	5.09	5.15	5.20
201	Meat products	199.92	204.91	213.91	213.68	213.07	4.90	5.01	5.23	5.25	5.34
2011	Meat packing plants	244.11	252.88	267.07	266.22	—	5.84	5.95	6.24	6.22	—
2013	Sausages and other prepared meats	238.88	238.71	253.59	253.79	—	5.77	5.78	6.17	6.19	—
2015	Poultry dressing plants	122.70	122.05	127.92	127.39	—	3.13	3.17	3.34	3.37	—

See footnotes at end of table.

**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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
DURABLE GOODS—Continued											
36	ELECTRICAL EQUIPMENT AND SUPPLIES	40.7	40.0	40.6	41.0	39.5	2.4	2.0	2.6	2.9	—
361	Electric test and distributing equipment	40.5	40.0	40.5	40.8	(*)	2.2	2.0	2.2	2.5	—
3611	Electric measuring instruments	39.7	39.3	40.4	40.0	—	1.7	1.7	1.9	2.2	—
3612	Transformers	41.3	40.9	40.6	42.4	—	—	—	—	—	—
3613	Switchgear and switchboard apparatus	40.6	39.9	40.6	40.4	—	—	—	—	—	—
362	Electrical industrial apparatus	40.8	40.2	40.2	40.5	—	2.6	2.1	2.3	2.6	—
3621	Motors and generators	41.5	40.6	40.3	40.5	—	3.3	2.4	2.6	2.8	—
3622	Industrial controls	39.6	39.3	39.8	40.0	—	1.5	1.2	1.8	2.2	—
363	Household appliances	40.6	40.2	39.8	40.0	(*)	2.4	2.0	2.0	2.1	—
3632	Household refrigerators and freezers	41.2	40.9	39.6	40.6	—	—	—	—	—	—
3633	Household laundry equipment	38.5	38.4	38.3	39.2	—	—	—	—	—	—
3634	Electric housewares and fans	40.2	39.6	40.1	38.6	—	2.4	1.8	2.5	2.5	—
364	Electric lighting and wiring equipment	40.4	40.0	40.5	40.5	38.6	2.2	2.0	2.5	2.5	—
3641	Electric lamps	40.6	41.0	42.6	41.7	—	1.9	2.4	2.6	2.3	—
3642	Lighting fixtures	40.1	39.9	39.6	40.1	—	2.4	2.2	2.7	2.7	—
3643,4	Wiring devices	40.5	39.5	40.1	40.1	—	2.1	1.6	2.3	2.4	—
365	Radio and TV receiving equipment	39.9	38.2	39.3	39.1	38.2	2.0	1.2	2.5	2.3	—
366	Communication equipment	41.2	40.2	41.7	42.4	(*)	2.5	1.9	2.8	3.4	—
3661	Telephone and telegraph apparatus	40.8	40.5	42.2	43.5	—	—	—	—	—	—
3662	Radio and TV communication equipment	41.4	40.0	41.2	41.5	—	2.8	2.1	2.7	2.9	—
367	Electronic components and accessories	40.1	39.7	40.4	40.9	(*)	2.3	2.0	2.6	2.8	—
3671-3	Electron tubes	39.5	40.7	40.1	42.1	—	2.2	2.3	1.7	1.9	—
3674,9	Other electronic components	40.2	39.5	40.4	40.7	—	2.3	2.0	2.7	2.9	—
369	Miscellaneous electrical equip. and supplies	42.7	40.9	41.7	42.8	(*)	3.3	2.6	4.0	4.4	—
3694	Engine electrical equipment	43.2	40.8	41.5	42.6	—	—	—	—	—	—
37	TRANSPORTATION EQUIPMENT	43.4	40.9	42.0	42.7	40.9	3.8	3.2	4.2	4.8	—
371	Motor vehicles and equipment	45.4	41.4	43.3	44.5	(*)	4.5	3.8	5.4	6.4	—
3711	Motor vehicles	46.1	41.4	44.2	45.9	—	4.5	3.5	6.0	7.4	—
3712	Passenger car bodies	46.7	41.0	43.6	47.8	—	—	—	—	—	—
3713	Truck and bus bodies	42.3	40.2	39.9	40.3	—	—	—	—	—	—
3714	Motor vehicle parts and accessories	45.2	41.8	43.0	43.5	—	4.5	4.3	5.2	5.5	—
3715	Truck trailers	39.4	38.5	40.7	40.4	—	—	—	—	—	—
372	Aircraft and parts	42.1	41.2	41.5	41.9	(*)	3.4	2.7	2.9	3.3	—
3721	Aircraft	41.6	41.2	41.8	41.6	—	2.7	2.7	2.4	2.5	—
3722	Aircraft engines and engine parts	42.1	40.8	41.0	41.7	—	4.2	2.3	3.4	3.9	—
3723,9	Other aircraft parts and equipment	43.2	41.8	41.6	42.6	—	3.9	3.4	3.5	4.2	—
373	Ship and boat building and repairing	40.9	40.1	39.7	40.1	(*)	3.0	2.7	2.7	2.8	—
3731	Ship building and repairing	41.1	40.2	39.6	40.0	—	—	—	—	—	—
3732	Boat building and repairing	39.9	39.9	40.1	40.2	—	—	—	—	—	—
374	Railroad equipment	40.7	39.4	39.9	39.8	—	2.7	1.9	2.1	2.2	—
375,9	Other transportation equipment	38.4	38.0	39.1	38.4	—	1.6	2.0	2.6	2.0	—
38	INSTRUMENTS AND RELATED PRODUCTS	40.9	40.1	40.8	41.4	39.8	2.5	2.1	2.5	2.8	—
381	Engineering and scientific instruments	41.4	40.8	40.4	42.3	—	2.8	2.6	2.3	3.2	—
382	Mechanical measuring and control devices	40.5	39.4	40.7	41.5	(*)	2.5	1.8	2.7	2.9	—
3821	Mechanical measuring devices	41.4	39.6	41.5	42.4	—	2.9	2.0	2.9	3.1	—
3822	Automatic temperature controls	39.0	39.0	39.5	40.0	—	1.9	1.6	2.4	2.6	—
383,5	Optical and ophthalmic goods	40.3	39.5	40.4	40.3	(*)	2.3	1.8	2.4	2.5	—
385	Ophthalmic goods	39.3	39.0	39.6	39.3	—	1.6	1.4	2.1	1.8	—
384	Medical instruments and supplies	40.2	39.3	40.0	40.9	(*)	2.2	1.7	2.2	2.5	—
386	Photographic equipment and supplies	42.4	41.7	42.2	42.7	(*)	3.1	2.8	3.0	3.4	—
387	Watches, clocks, and watch cases	40.1	40.2	39.9	39.6	—	1.7	1.7	1.7	1.8	—
39	MISC. MANUFACTURING INDUSTRIES	39.4	38.4	39.3	39.2	37.7	2.3	1.8	2.1	2.1	—
391	Jewelry, silverware, and plated ware	40.6	38.3	40.4	40.0	(*)	3.9	2.3	3.6	3.1	—
394	Toys and sporting goods	38.9	38.5	38.9	38.3	—	1.7	1.3	1.4	1.4	—
3941,3	Games, toys, dolls and play vehicles	38.4	37.8	38.5	37.2	—	—	—	—	—	—
3949	Sporting and athletic goods, nec	39.4	39.1	39.2	39.3	—	—	—	—	—	—
396	Pens, pencils, office and art supplies	41.4	40.1	40.9	41.1	—	3.6	2.9	3.3	3.3	—
396	Costume jewelry and notions	37.5	37.0	39.0	38.3	—	1.8	1.4	1.7	1.8	—
393,9	Other manufacturing industries	39.6	38.6	39.2	39.5	(*)	2.2	2.0	2.0	2.1	—
393	Musical instruments and parts	40.5	38.8	39.5	40.0	—	2.4	1.6	1.6	2.0	—
NONDURABLE GOODS											
20	FOOD AND KINDRED PRODUCTS	40.9	40.3	40.4	40.5	39.4	4.0	3.9	3.8	3.9	—
201	Meat products	40.8	40.9	40.9	40.7	39.9	4.4	4.4	4.4	4.3	—
2011	Meat packing plants	41.8	42.5	42.8	42.8	—	4.9	5.2	5.3	5.1	—
2013	Sausages and other prepared meats	41.4	41.3	41.1	41.0	—	—	—	—	—	—
2015	Poultry dressing plants	39.2	38.5	38.3	37.8	—	—	—	—	—	—

See footnotes at end of table.

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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
	NONDURABLE GOODS—Continued										
	FOOD AND KINDRED PRODUCTS— Continued										
202	Dairy products	\$196.41	\$194.81	\$209.39	\$214.20	(*)	\$4.71	\$4.74	\$5.07	\$5.10	(*)
2024	Ice cream and frozen desserts	190.48	187.79	200.58	202.64	—	4.81	4.84	5.13	5.13	—
2026	Fluid milk	206.06	205.09	220.81	224.70	—	4.86	4.86	5.22	5.25	—
203	Canned, cured, and frozen foods	157.93	157.06	165.46	169.23	—	4.06	4.09	4.32	4.43	—
2031,6	Canned, cured, and frozen sea foods	125.99	127.25	138.00	143.02	—	3.61	3.71	4.00	4.04	—
2032,3	Canned food, except sea foods	176.26	172.66	172.60	184.54	—	4.32	4.36	4.46	4.66	—
2037	Frozen fruits and vegetables	149.27	150.84	163.98	157.29	—	3.76	3.79	4.12	4.15	—
204	Grain mill products	220.38	221.34	234.14	240.02	\$237.60	5.02	5.10	5.42	5.48	\$5.50
2041	Flour and other grain mill products	235.75	236.40	248.40	254.82	—	5.17	5.23	5.62	5.65	—
2042	Prepared feeds for animals and fowls	191.40	193.58	204.57	208.15	—	4.36	4.44	4.66	4.72	—
205	Bakery products	197.01	193.83	209.47	211.58	(*)	4.95	4.97	5.33	5.37	(*)
2051	Bread, cake, and related products	192.08	190.68	205.92	207.09	—	4.90	4.94	5.28	5.31	—
2052	Cookies and crackers	212.34	203.92	221.94	226.44	—	5.08	5.06	5.48	5.55	—
206	Sugar	207.20	206.42	208.08	219.54	—	4.91	4.95	5.10	5.19	—
207	Confectionery and related products	168.80	168.52	184.57	175.31	(*)	4.22	4.31	4.58	4.53	(*)
2071	Confectionery products	161.18	160.58	174.28	166.66	—	4.06	4.16	4.39	4.34	—
208	Beverages	227.92	220.08	242.57	247.44	(*)	5.60	5.60	6.11	6.14	(*)
2082	Malt liquors	318.86	311.53	339.71	346.58	—	7.28	7.33	8.05	8.06	—
2086	Bottled and canned soft drinks	163.77	161.59	177.41	181.66	—	4.21	4.23	4.62	4.67	—
209	Miscellaneous foods and kindred products	200.51	197.45	212.50	214.43	211.93	4.62	4.69	5.00	5.01	5.07
21	TOBACCO MANUFACTURES	176.15	186.82	185.55	194.06	183.37	4.54	4.84	4.87	5.08	5.18
211	Cigarettes	223.97	232.88	237.31	244.45	—	5.53	5.75	6.18	6.22	—
212	Cigars	117.65	117.42	126.21	128.69	—	3.04	3.09	3.33	3.36	—
22	TEXTILE MILL PRODUCTS	147.33	145.66	152.40	154.33	150.51	3.55	3.57	3.81	3.82	3.82
221	Weaving mills, cotton	154.64	155.00	163.56	163.94	160.72	3.63	3.63	3.97	3.96	3.92
222	Weaving mills, synthetics	153.87	152.81	160.80	163.59	158.40	3.69	3.70	3.99	3.99	3.99
223	Weaving and finishing mills, wool	154.51	153.30	158.73	167.42	(*)	3.67	3.65	3.90	3.93	(*)
224	Narrow fabric mills	139.19	138.31	141.33	145.44	(*)	3.33	3.39	3.56	3.60	(*)
225	Knitting mills	131.43	131.37	138.16	138.60	133.58	3.37	3.43	3.57	3.60	3.62
2251	Women's hosiery, except socks	117.87	114.66	129.63	130.08	—	3.11	3.15	3.29	3.31	—
2252	Hosiery, nec	116.05	119.83	123.75	121.51	—	3.07	3.17	3.30	3.32	—
2253	Knit outerwear mills	127.88	131.30	138.37	135.79	—	3.41	3.52	3.68	3.70	—
2254	Knit underwear mills	120.36	119.83	127.05	130.26	—	3.11	3.17	3.30	3.34	—
226	Textile finishing, except wool	170.72	157.80	165.21	172.23	162.36	3.88	3.83	4.12	4.15	4.10
227	Floor covering mills	151.84	149.65	159.44	165.09	—	3.65	3.65	3.87	3.94	—
228	Yarn and thread mills	139.86	136.86	139.20	143.92	(*)	3.33	3.33	3.56	3.58	(*)
229	Miscellaneous textile goods	161.97	159.33	169.73	170.14	168.51	3.82	3.83	4.08	4.08	4.12
23	APPAREL AND OTHER TEXTILE PRODUCTS	119.36	119.21	123.90	124.26	117.96	3.27	3.33	3.50	3.52	3.49
231	Men's and boys' suits and coats	147.50	145.35	157.25	158.19	(*)	4.03	4.06	4.32	4.37	(*)
232	Men's and boys' furnishings	109.79	112.48	114.08	113.17	(*)	2.92	3.04	3.16	3.17	(*)
2321	Men's and boys' shirts and nightwear	106.72	109.82	111.29	110.14	—	2.84	2.96	3.10	3.12	—
2327	Men's and boys' separate trousers	114.46	116.69	112.03	112.38	—	3.02	3.12	3.21	3.22	—
2328	Men's and boys' work clothing	106.31	109.59	114.20	114.95	—	2.82	2.97	3.07	3.09	—
233	Women's and misses' outerwear	113.22	114.24	118.44	118.14	116.28	3.33	3.38	3.60	3.58	3.60
2331	Women's and misses' blouses and waists	110.37	112.18	115.94	114.56	—	3.19	3.28	3.42	3.43	—
2335	Women's and misses' dresses	110.18	111.82	115.07	115.39	—	3.39	3.43	3.63	3.64	—
2337	Women's and misses' suits and coats	123.54	125.29	135.01	133.08	—	3.71	3.74	4.18	4.12	—
2339	Women's and misses' outerwear, nec	113.57	114.28	116.25	116.90	—	3.12	3.21	3.35	3.34	—
234	Women's and children's undergarments	108.47	109.96	115.28	113.96	110.19	2.98	3.08	3.22	3.21	3.26
2341	Women's and children's underwear	104.91	106.44	112.05	109.12	—	2.89	2.99	3.13	3.10	—
2342	Corsets and allied garments	121.36	121.34	127.44	131.39	—	3.28	3.38	3.54	3.58	—
235	Hats, caps, and millinery	109.96	108.99	114.14	114.00	—	2.94	3.07	3.06	3.04	—
236	Children's outerwear	108.47	111.75	113.34	113.72	(*)	2.98	3.07	3.22	3.24	(*)
2361	Children's dresses and blouses	107.57	109.74	112.35	109.14	—	3.03	3.10	3.21	3.21	—
237,8	Fur goods and miscellaneous apparel	120.78	117.57	130.65	130.30	—	3.30	3.34	3.56	3.56	—
239	Miscellaneous fabricated textile products	149.29	141.00	147.05	152.43	(*)	3.77	3.74	3.88	3.98	(*)
2391,2	Housefurnishings	120.08	115.94	123.93	128.04	—	3.04	3.10	3.27	3.30	—
26	PAPER AND ALLIED PRODUCTS	226.46	223.13	239.41	242.95	237.84	5.23	5.25	5.62	5.65	5.69
261,2,6	Paper and pulp mills	261.18	257.99	280.04	286.20	283.27	5.83	5.85	6.35	6.36	6.38
263	Paperboard mills	270.60	267.29	289.52	293.26	(*)	6.00	6.02	6.58	6.59	(*)
264	Miscellaneous converted paper products	199.92	196.05	205.41	210.91	(*)	4.76	4.77	5.01	5.07	(*)
2643	Bags, except textile bags	186.68	184.01	198.58	208.44	—	4.52	4.51	4.82	4.87	—
265	Paperboard containers and boxes	201.40	197.96	212.01	213.60	(*)	4.75	4.77	5.06	5.11	(*)
2651,2	Folding and setup paperboard boxes	193.31	185.69	202.50	202.66	—	4.57	4.54	4.81	4.86	—
2653	Corrugated and solid fiber boxes	210.65	210.76	222.26	226.26	—	4.98	5.03	5.33	5.40	—
2654	Sanitary food containers	192.26	184.29	201.60	201.96	—	4.43	4.43	4.80	4.82	—

See footnotes at end of table.

**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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
	NONDURABLE GOODS—Continued										
	FOOD AND KINDRED PRODUCTS—Continued										
202	Dairy products	41.7	41.1	41.3	42.0	(*)	3.8	3.6	3.8	3.9	
2024	Ice cream and frozen desserts	39.6	38.8	39.1	39.5	—	—	—	—	—	
2026	Fluid milk	42.4	42.2	42.3	42.8	—	—	—	—	—	
203	Canned, cured, and frozen foods	38.9	38.4	38.3	38.2	—	3.0	3.2	2.8	2.7	
2031.6	Canned, cured, and frozen sea foods	34.9	34.3	34.5	35.4	—	—	—	—	—	
2032.3	Canned food, except sea foods	40.8	39.6	38.7	39.6	—	—	—	—	—	
2037	Frozen fruits and vegetables	39.7	39.8	39.8	37.9	—	—	—	—	—	
204	Grain mill products	43.9	43.4	43.2	43.8	43.2	6.2	6.2	5.4	5.5	
2041	Flour and other grain mill products	45.6	45.2	44.2	45.1	—	—	—	—	—	
2042	Prepared feeds for animals and fowls	43.9	43.6	43.9	44.1	—	—	—	—	—	
205	Bakery products	39.8	39.0	39.3	39.4	(*)	3.4	2.9	3.4	3.5	
2051	Bread, cake, and related products	39.2	38.6	39.0	39.0	—	—	—	—	—	
2052	Cookies and crackers	41.8	40.3	40.5	40.8	—	—	—	—	—	
206	Sugar	42.2	41.7	40.8	42.3	—	4.0	4.1	3.2	3.7	
207	Confectionery and related products	40.0	39.1	40.3	38.7	(*)	2.7	2.4	3.2	2.5	
2071	Confectionery products	39.7	38.6	39.7	38.4	—	—	—	—	—	
208	Beverages	40.7	39.3	39.7	40.3	(*)	3.5	3.2	3.4	3.7	
2082	Malt liquors	43.8	42.5	42.2	43.0	—	—	—	—	—	
2086	Bottled and canned soft drinks	38.9	38.2	38.4	38.9	—	—	—	—	—	
209	Miscellaneous foods and kindred products	43.4	42.1	42.5	42.8	41.8	5.0	4.9	4.8	5.0	
21	TOBACCO MANUFACTURES	38.8	38.6	38.1	38.2	35.4	1.8	1.7	2.4	2.2	
211	Cigarettes	40.5	40.5	38.4	39.3	—	2.2	2.1	2.1	2.6	
212	Cigars	38.7	38.0	37.9	38.3	—	1.4	1.0	.8	.8	
22	TEXTILE MILL PRODUCTS	41.5	40.8	40.0	40.4	39.4	4.2	3.8	3.2	3.4	
221	Weaving mills, cotton	42.6	42.7	41.2	41.4	41.0	5.6	5.2	3.8	3.8	
222	Weaving mills, synthetics	41.7	41.3	40.3	41.0	39.7	4.3	4.2	3.5	3.6	
223	Weaving and finishing mills, wool	42.1	42.0	40.7	42.6	(*)	4.0	4.0	3.0	3.0	
224	Narrow fabric mills	41.8	40.8	39.7	40.4	(*)	3.9	3.2	2.7	3.1	
225	Knitting mills	39.0	38.3	38.7	38.5	36.9	2.8	2.6	2.6	2.6	
2251	Women's hosiery, except socks	37.9	36.4	39.4	39.3	—	—	—	—	—	
2252	Hosiery, nec	37.8	37.8	37.5	36.6	—	—	—	—	—	
2253	Knit outerwear mills	37.5	37.3	37.6	36.7	—	—	—	—	—	
2254	Knit underwear mills	38.7	37.8	38.5	39.0	—	—	—	—	—	
226	Textile finishing, except wool	44.0	41.2	40.1	41.5	39.6	5.6	4.0	3.2	3.9	
227	Floor covering mills	41.6	41.0	41.2	41.9	—	3.6	3.5	3.6	4.7	
228	Yarn and thread mills	42.0	41.1	39.1	40.2	(*)	4.2	4.0	2.9	3.1	
229	Miscellaneous textile goods	42.4	41.6	41.6	41.7	40.9	3.8	3.7	3.8	3.7	
23	APPAREL AND OTHER TEXTILE PRODUCTS	36.5	35.8	35.4	35.3	33.8	1.4	1.2	1.2	1.1	
231	Men's and boys' suits and coats	36.6	35.8	36.4	36.2	(*)	1.1	1.0	1.1	1.2	
232	Men's and boys' furnishings	37.6	37.0	36.1	35.7	(*)	1.5	1.2	1.1	.9	
2321	Men's and boys' shirts and nightwear	37.6	37.1	35.9	35.3	—	1.6	1.2	1.0	.9	
2327	Men's and boys' separate trousers	37.9	37.4	34.9	34.9	—	1.5	1.4	.9	.7	
2328	Men's and boys' work clothing	37.7	36.9	37.2	37.2	—	1.2	1.1	1.1	1.2	
233	Women's and misses' outerwear	34.0	33.8	32.9	33.0	32.3	1.1	1.2	1.0	.9	
2331	Women's and misses' blouses and waists	34.6	34.2	33.9	33.4	—	—	—	—	—	
2335	Women's and misses' dresses	32.5	32.6	31.7	31.7	—	1.0	1.1	.9	.8	
2337	Women's and misses' suits and coats	33.3	33.5	32.3	32.3	—	1.1	1.1	.8	.7	
2339	Women's and misses' outerwear, nec	36.4	35.6	34.7	35.0	—	1.4	1.3	1.2	1.2	
234	Women's and children's undergarments	36.4	35.7	35.8	35.5	33.8	1.3	1.0	1.2	.8	
2341	Women's and children's underwear	36.3	35.6	35.8	35.2	—	—	—	—	—	
2342	Corsets and allied garments	37.0	35.9	36.0	36.7	—	—	—	—	—	
235	Hats, caps, and millinery	37.4	35.5	37.3	37.5	—	1.0	.7	1.5	1.3	
236	Children's outerwear	36.4	36.4	35.2	35.1	(*)	1.4	1.5	1.3	1.0	
2361	Children's dresses and blouses	35.5	35.4	35.0	34.0	—	—	—	—	—	
237.8	Fur goods and miscellaneous apparel	36.6	35.2	36.7	36.6	—	1.1	.7	1.2	1.0	
239	Miscellaneous fabricated textile products	39.6	37.7	37.9	38.3	(*)	2.2	1.7	1.9	1.9	
2391.2	Housefurnishings	39.5	37.4	37.9	38.8	—	—	—	—	—	
26	PAPER AND ALLIED PRODUCTS	43.3	42.5	42.6	43.0	41.8	4.8	4.7	4.6	4.6	
261.2.6	Paper and pulp mills	44.8	44.1	44.1	45.0	44.4	6.2	6.1	5.9	6.0	
263	Paperboard mills	45.1	44.4	44.0	44.5	(*)	6.7	6.6	6.9	6.7	
264	Miscellaneous converted paper products	42.0	41.1	41.0	41.6	(*)	3.6	3.5	3.3	3.5	
2643	Bags, except textile bags	41.3	40.8	41.2	42.8	—	—	—	—	—	
265	Paperboard containers and boxes	42.4	41.5	41.9	41.8	(*)	3.9	3.8	3.6	3.4	
2651.2	Folding and setup paperboard boxes	42.3	40.9	42.1	41.7	—	—	—	—	—	
2653	Corrugated and solid fiber boxes	42.3	41.9	41.7	41.9	—	4.1	4.3	3.7	3.9	
2654	Sanitary food containers	43.4	41.6	42.0	41.9	—	—	—	—	—	

See footnotes at end of table.

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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. ^P 1976	Jan. ^P 1977	Dec. 1975	Jan. 1976	Nov. 1976	Dec. ^P 1976	Jan. ^P 1977
NONDURABLE GOODS—Continued											
27	PRINTING AND PUBLISHING	\$209.55	\$205.72	\$220.00	\$224.44	\$220.60	\$5.50	\$5.53	\$5.82	\$5.86	\$5.93
271	Newspapers	215.07	207.40	220.85	224.76	217.30	6.11	6.10	6.42	6.44	6.41
272	Periodicals	210.69	213.57	222.53	226.48	—	5.53	5.65	5.95	5.96	—
273	Books	179.73	179.52	197.88	205.93	—	4.78	4.80	5.10	5.24	—
275	Commercial printing	215.60	212.35	228.34	231.47	229.08	5.50	5.53	5.84	5.86	5.95
2751	Commercial printing, except lithographic	205.92	203.07	223.79	222.61	—	5.28	5.33	5.68	5.65	—
2752	Commercial printing, lithographic	230.88	225.02	236.23	245.69	—	5.86	5.86	6.12	6.22	—
278	Blankbooks and bookbinding	166.66	165.98	178.82	180.58	(*)	4.23	4.30	4.55	4.56	(*)
274,6,7,9	Other publishing and printing ind.	218.80	212.46	223.26	235.13	(*)	5.47	5.49	5.71	5.82	(*)
28	CHEMICALS AND ALLIED PRODUCTS	235.62	234.32	254.56	258.88	255.44	5.61	5.66	6.09	6.12	6.20
281	Industrial chemicals	262.06	258.96	288.58	290.28	288.27	6.21	6.24	6.79	6.83	6.88
2812	Alkalies and chlorine	268.02	263.16	296.92	311.40	—	6.05	6.12	6.81	6.92	—
2818	Industrial organic chemicals, nec	285.95	283.16	311.16	310.89	—	6.65	6.71	7.27	7.23	—
2819	Industrial inorganic chemicals, nec.	245.62	241.80	279.60	280.48	—	6.02	6.00	6.61	6.71	—
282	Plastics materials and synthetics	232.78	232.55	246.74	251.93	(*)	5.42	5.55	5.96	5.97	(*)
2821	Plastics materials and resins	251.94	249.26	273.06	275.55	—	5.70	5.73	6.22	6.22	—
2823,4	Synthetic fibers	212.08	214.61	218.04	225.89	—	5.16	5.26	5.52	5.55	—
283	Drugs	218.79	218.28	235.57	239.25	(*)	5.31	5.35	5.69	5.71	(*)
2834	Pharmaceutical preparations	214.76	212.98	230.87	234.64	—	5.20	5.22	5.59	5.60	—
284	Soap, cleaners, and toilet goods	224.64	225.09	238.86	249.90	240.40	5.40	5.49	5.84	5.95	6.01
2841	Soap and other detergents	289.33	286.70	314.81	335.84	—	6.76	6.81	7.39	7.53	—
2844	Toilet preparations	182.90	185.03	190.08	192.96	—	4.45	4.58	4.80	4.80	—
285	Paints and allied products	213.83	208.00	224.52	228.52	(*)	5.19	5.20	5.53	5.56	(*)
287	Agricultural chemicals	221.56	216.65	236.26	240.93	(*)	5.07	5.05	5.52	5.59	(*)
2871,2	Fertilizers, complete and mixing only	209.32	201.20	221.09	225.32	—	4.79	4.69	5.19	5.24	—
286,9	Other chemical products	219.76	223.39	238.01	244.94	239.51	5.27	5.37	5.64	5.67	5.73
2892	Explosives	212.70	214.77	236.17	235.28	—	5.15	5.29	5.57	5.51	—
29	PETROLEUM AND COAL PRODUCTS	278.81	290.23	307.10	309.10	317.34	6.67	6.96	7.26	7.29	7.38
291	Petroleum refining	297.56	312.42	334.11	333.26	(*)	7.17	7.51	7.88	7.86	(*)
295,9	Other petroleum and coal products	220.67	217.66	230.29	238.43	226.44	5.18	5.17	5.47	5.61	5.55
30	RUBBER AND PLASTICS PRODUCTS, NEC	184.91	182.70	204.52	208.50	202.71	4.51	4.50	4.94	5.00	5.03
301	Tires and inner tubes	253.15	253.27	329.94	332.72	323.51	5.86	5.89	7.05	7.14	7.11
302,3,6	Other rubber products	183.15	179.29	197.96	202.11	(*)	4.50	4.46	4.84	4.87	(*)
302	Rubber footwear	133.67	132.00	131.30	132.04	—	3.49	3.52	3.52	3.54	—
307	Miscellaneous plastics products	163.22	161.20	169.60	173.29	(*)	4.03	4.04	4.24	4.30	(*)
31	LEATHER AND LEATHER PRODUCTS	129.42	128.40	127.75	130.26	126.02	3.31	3.37	3.50	3.53	3.58
311	Leather tanning and finishing	181.31	179.82	174.19	182.03	177.28	4.39	4.44	4.56	4.62	4.69
314	Footwear, except rubber	123.48	123.65	119.93	123.01	(*)	3.15	3.22	3.35	3.37	(*)
312,3,5,7,9	Other leather products	126.01	122.98	131.22	129.89	128.88	3.29	3.36	3.49	3.52	3.59
316	Luggage	127.53	121.06	134.68	133.16	—	3.41	3.41	3.64	3.73	—
317	Handbags and personal leather goods	122.85	119.93	125.21	121.11	—	3.15	3.25	3.33	3.30	—
TRANSPORTATION AND PUBLIC UTILITIES											
4011	RAILROAD TRANSPORTATION: Class I railroads ²	281.20	279.65	312.65	(*)	—	6.42	6.58	7.01	(*)	—
LOCAL AND INTERURBAN PASSENGER TRANSIT:											
411	Local and suburban transportation	207.36	194.56	227.70	227.66	—	5.21	5.12	5.65	5.72	—
413	Intercity highway transportation	233.24	246.00	257.26	254.76	—	6.39	6.56	6.77	6.83	—
42	TRUCKING AND WAREHOUSING	254.81	246.98	268.96	(*)	—	6.23	6.19	6.56	(*)	—
421,3	Trucking and trucking terminals	260.94	253.60	276.19	(*)	—	6.38	6.34	6.72	(*)	—
422	Public warehousing	174.76	172.66	191.92	194.81	—	4.38	4.45	4.81	4.81	—
46	PIPE LINE TRANSPORTATION	302.02	309.86	315.05	324.73	—	7.14	7.36	7.61	7.75	—
48	COMMUNICATION	232.76	232.41	262.68	263.07	—	6.03	6.10	6.65	6.66	—
481	Telephone communication	235.01	234.36	267.42	267.81	—	6.12	6.20	6.77	6.78	—
4817	Switchboard operating employees ³	172.31	172.59	196.65	197.88	—	5.19	5.23	5.75	5.82	—
4818	Line construction employees ⁴	298.62	294.53	341.12	342.58	—	7.11	7.08	7.86	7.93	—
482	Telegraph communication ⁵	248.44	251.74	(*)	(*)	—	6.18	6.17	(*)	(*)	—
483	Radio and television broadcasting	222.30	224.62	243.54	242.70	—	5.70	5.73	6.15	6.16	—

See footnotes at end of table.

**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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
NONDURABLE GOODS—Continued											
27	PRINTING AND PUBLISHING	38.1	37.2	37.8	38.3	37.2	2.7	2.2	2.6	2.9	—
271	Newspapers	35.2	34.0	34.4	34.9	33.9	2.0	1.2	1.9	2.0	—
272	Periodicals	38.1	37.8	37.4	38.0	—	2.0	2.0	1.6	2.4	—
273	Books	37.6	37.4	38.8	39.3	—	2.0	1.9	2.5	3.3	—
275	Commercial printing	39.2	38.4	39.1	39.5	38.5	3.2	2.7	3.1	3.3	—
2751	Commercial printing, except lithographic	39.0	38.1	39.4	39.4	—	3.0	2.7	3.2	3.1	—
2752	Commercial printing, lithographic	39.4	38.4	38.6	39.5	—	3.4	2.8	2.9	3.5	—
278	Blankbooks and bookbinding	39.4	38.6	39.3	39.6	(*)	2.2	1.9	2.6	2.4	—
274,6,7,9	Other publishing and printing ind.	40.0	38.7	39.1	40.4	(*)	3.1	2.4	2.8	3.7	—
28	CHEMICALS AND ALLIED PRODUCTS	42.0	41.4	41.8	42.3	41.2	3.1	3.0	3.2	3.3	—
281	Industrial chemicals	42.2	41.5	42.5	42.5	41.9	3.3	3.0	3.6	3.7	—
2812	Alkalies and chlorine	44.3	43.0	43.6	45.0	—	—	—	—	—	—
2818	Industrial organic chemicals, nec	43.0	42.2	42.8	43.0	—	3.4	3.2	4.0	3.6	—
2819	Industrial inorganic chemicals, nec.	40.8	40.3	42.3	41.8	—	3.1	2.4	3.5	4.0	—
282	Plastics materials and synthetics	42.4	41.9	41.4	42.2	(*)	2.8	3.0	2.8	2.7	—
2821	Plastics materials and resins	44.2	43.5	43.9	44.3	—	4.5	4.4	4.6	4.2	—
2823,4	Synthetic fibers	41.1	40.8	39.5	40.7	—	1.7	2.0	1.3	1.5	—
283	Drugs	41.2	40.8	41.4	41.9	(*)	2.9	2.5	2.9	3.1	—
2834	Pharmaceutical preparations	41.3	40.8	41.3	41.9	—	—	—	—	—	—
284	Soap, cleaners, and toilet goods	41.6	41.0	40.9	42.0	40.0	2.9	3.0	3.0	2.9	—
2841	Soap and other detergents	42.8	42.1	42.6	44.6	—	—	—	—	—	—
2844	Toilet preparations	41.1	40.4	39.6	40.2	—	—	—	—	—	—
285	Paints and allied products	41.2	40.0	40.6	41.1	(*)	2.4	2.2	2.2	2.7	—
287	Agricultural chemicals	43.7	42.9	42.8	43.1	(*)	4.9	4.5	4.4	4.9	—
2871,2	Fertilizers, complete and mixing only	43.7	42.9	42.6	43.0	—	—	—	—	—	—
286,9	Other chemical products	41.7	41.6	42.2	43.2	41.8	3.1	3.2	3.5	3.7	—
2892	Explosives	41.3	40.6	42.4	42.7	—	—	—	—	—	—
29	PETROLEUM AND COAL PRODUCTS	41.8	41.7	42.3	42.4	43.0	3.1	3.0	3.3	3.4	—
291	Petroleum refining	41.5	41.6	42.4	42.4	(*)	2.7	2.6	3.0	3.1	—
295,9	Other petroleum and coal products	42.6	42.1	42.1	42.5	40.8	4.5	4.4	4.2	4.3	—
30	RUBBER AND PLASTICS PRODUCTS, NEC	41.0	40.6	41.4	41.7	40.3	3.3	3.2	4.0	4.0	—
301	Tires and inner tubes	43.2	43.0	46.8	46.6	45.5	4.5	4.7	8.2	8.0	—
302,3,6	Other rubber products	40.7	40.2	40.9	41.5	(*)	2.7	2.7	3.5	3.5	—
302	Rubber footwear	38.3	37.5	37.3	37.3	—	.3	.7	1.0	1.3	—
307	Miscellaneous plastics products	40.5	39.9	40.0	40.3	(*)	3.1	2.9	2.9	2.9	—
31	LEATHER AND LEATHER PRODUCTS	39.1	38.1	36.5	36.9	35.2	2.5	2.2	1.6	1.6	—
311	Leather tanning and finishing	41.3	40.5	38.2	39.4	37.8	4.2	4.0	2.4	2.7	—
314	Footwear, except rubber	39.2	38.4	35.8	36.5	(*)	2.3	2.2	1.3	1.4	—
312,3,5-7,9	Other leather products	38.3	36.6	37.6	36.9	35.9	2.3	1.6	2.0	1.6	—
316	Luggage	37.4	35.5	37.0	35.7	—	1.7	1.0	1.9	1.5	—
317	Handbags and personal leather goods	39.0	36.9	37.6	36.7	—	2.8	2.0	2.3	1.7	—
TRANSPORTATION AND PUBLIC UTILITIES											
RAILROAD TRANSPORTATION:											
4011	Class I railroads ²	43.8	42.5	44.6	(*)	—	—	—	—	—	—
LOCAL AND INTERURBAN PASSENGER TRANSIT:											
411	Local and suburban transportation	39.8	38.0	40.3	39.8	—	—	—	—	—	—
413	Intercity highway transportation	36.5	37.5	38.0	37.3	—	—	—	—	—	—
42	TRUCKING AND WAREHOUSING	40.9	39.9	41.0	(*)	—	—	—	—	—	—
421,3	Trucking and trucking terminals	40.9	40.0	41.1	(*)	—	—	—	—	—	—
422	Public warehousing	39.9	38.8	39.9	40.5	—	—	—	—	—	—
46	PIPE LINE TRANSPORTATION	42.3	42.1	41.4	41.9	—	—	—	—	—	—
48	COMMUNICATION	38.6	38.1	39.5	39.5	—	—	—	—	—	—
481	Telephone communication	38.4	37.8	39.5	39.5	—	—	—	—	—	—
4817	Switchboard operating employees ³	33.2	33.0	34.2	34.0	—	—	—	—	—	—
4818	Line construction employees ⁴	42.0	41.6	43.4	43.2	—	—	—	—	—	—
482	Telegraph communication ⁵	40.2	40.8	(*)	(*)	—	—	—	—	—	—
483	Radio and television broadcasting	39.0	39.2	39.6	39.4	—	—	—	—	—	—

See footnotes at end of table.

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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
-	TRANSPORTATION AND PUBLIC UTILITIES—Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	\$256.89	\$259.78	\$283.14	\$283.30	-	\$6.22	\$6.29	\$6.79	\$6.81	-
491	Electric companies and systems	260.19	264.36	284.54	286.21	-	6.30	6.37	6.84	6.88	-
492	Gas companies and systems	234.77	237.97	258.67	259.67	-	5.74	5.79	6.34	6.38	-
493	Combination companies and systems	284.42	285.36	320.88	317.58	-	6.87	6.96	7.55	7.49	-
494-7	Water, steam, and sanitary systems	209.39	218.50	226.72	230.32	-	5.07	5.19	5.45	5.51	-
-	WHOLESALE AND RETAIL TRADE	129.92	129.93	135.46	137.97	\$136.03	3.81	3.89	4.08	4.07	\$4.16
50	WHOLESALE TRADE	197.18	195.44	205.50	208.26	205.13	5.03	5.05	5.31	5.34	5.37
501	Motor vehicles and automotive equipment	182.11	175.89	183.69	186.68	-	4.53	4.51	4.71	4.75	-
502.	Drugs, chemicals, and allied products	189.43	201.02	215.27	216.22	-	5.18	5.29	5.71	5.69	-
503	Dry goods and apparel	169.50	164.08	169.45	177.23	-	4.52	4.52	4.72	4.79	-
504	Groceries and related products	190.03	189.14	199.82	203.71	-	4.86	4.90	5.19	5.21	-
506	Electrical goods	226.01	215.86	228.23	231.09	-	5.42	5.41	5.72	5.72	-
507	Hardware; plumbing and heating equipment	184.89	186.34	194.04	194.30	-	4.79	4.84	5.04	5.06	-
508	Machinery, equipment, and supplies	215.32	214.88	226.69	228.05	-	5.41	5.44	5.71	5.73	-
509	Miscellaneous wholesalers	194.30	194.06	201.78	207.13	-	5.06	5.08	5.31	5.38	-
52-59	RETAIL TRADE	111.18	110.35	115.02	118.26	116.00	3.40	3.47	3.64	3.65	3.73
53	Retail general merchandise	104.64	102.85	105.79	110.42	-	3.20	3.35	3.48	3.44	-
531	Department stores	106.25	104.84	107.34	111.94	-	3.31	3.46	3.59	3.52	-
532	Mail order houses	140.73	136.45	142.90	146.37	-	3.92	4.11	4.13	4.17	-
533	Variety stores	85.87	80.28	86.13	92.59	-	2.61	2.74	2.90	2.93	-
54	Food stores	133.01	133.72	143.86	146.29	-	4.08	4.14	4.44	4.46	-
541-3	Grocery, meat, and vegetable stores	136.78	137.57	148.46	150.81	-	4.17	4.22	4.54	4.57	-
56	Apparel and accessory stores	97.95	92.61	98.04	104.93	-	3.09	3.15	3.29	3.31	-
561	Men's and boys' clothing and furnishings	123.71	118.30	123.45	130.18	-	3.66	3.72	3.87	3.84	-
562	Women's ready-to-wear stores	85.93	82.65	84.65	90.89	-	2.79	2.90	2.97	2.98	-
565	Family clothing stores	95.98	88.49	96.67	105.92	-	2.99	3.02	3.18	3.20	-
566	Shoe stores	98.10	91.49	101.67	106.61	-	3.27	3.21	3.47	3.53	-
57	Furniture and home furnishings stores	150.22	147.96	151.68	158.84	-	4.06	4.11	4.19	4.27	-
571	Furniture and home furnishings	152.48	150.95	156.95	162.13	-	4.11	4.17	4.30	4.37	-
58	Eating and drinking places ⁶	72.24	70.91	76.72	77.28	-	2.58	2.56	2.80	2.81	-
52,55,59	Other retail trade	138.37	139.03	144.08	146.49	-	3.76	3.83	3.98	3.97	-
52	Building materials and farm equipment	152.10	150.93	163.49	163.93	-	3.88	3.91	4.16	4.15	-
551,2	Motor vehicle dealers	185.26	182.49	190.00	193.03	-	4.69	4.62	4.81	4.85	-
553,9	Other automotive and accessory dealers	154.01	154.83	163.93	166.78	-	3.86	3.90	4.15	4.18	-
591	Drug stores and proprietary stores	103.65	103.46	106.18	108.68	-	3.28	3.37	3.47	3.45	-
594	Book and stationery stores	116.25	117.12	121.18	123.40	-	3.47	3.56	3.65	3.64	-
598	Fuel and ice dealers	186.81	199.33	193.99	199.74	-	4.59	4.69	4.72	4.79	-
	FINANCE, INSURANCE, AND REAL ESTATE⁷	153.97	155.49	161.04	162.21	166.87	4.23	4.26	4.40	4.42	4.51
60	Banking	129.24	132.13	136.14	136.14	-	3.58	3.62	3.74	3.74	-
61	Credit agencies other than banks	138.75	142.12	145.84	146.63	-	3.74	3.80	3.91	3.91	-
612	Savings and loan associations	135.42	139.88	139.83	140.21	-	3.70	3.75	3.81	3.81	-
62	Security, commodity brokers and services	269.28	262.55	287.23	(*)	-	7.20	7.02	7.48	(*)	-
63	Insurance carriers	164.87	166.80	172.33	173.63	-	4.42	4.46	4.62	4.63	-
631	Life insurance	163.61	165.61	168.81	170.00	-	4.41	4.44	4.55	4.57	-
632	Accident and health insurance	156.91	160.55	168.52	171.44	-	4.14	4.17	4.40	4.43	-
633	Fire, marine, and casualty insurance	167.93	169.72	175.21	176.53	-	4.49	4.55	4.71	4.72	-

See footnotes at end of table.

**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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p
	TRANSPORTATION AND PUBLIC UTILITIES—Continued										
49	ELECTRIC, GAS, AND SANITARY SERVICES	41.3	41.3	41.7	41.6	--	--	--	--	--	
491	Electric companies and systems	41.3	41.5	41.6	41.6	--	--	--	--	--	
492	Gas companies and systems	40.9	41.1	40.8	40.7	--	--	--	--	--	
493	Combination companies and systems	41.4	41.0	42.5	42.4	--	--	--	--	--	
494-7	Water, steam, and sanitary systems	41.3	42.1	41.6	41.8	--	--	--	--	--	
	WHOLESALE AND RETAIL TRADE	34.1	33.4	33.2	33.9	32.7					
50	WHOLESALE TRADE	39.2	38.7	38.7	39.0	38.2	--	--	--	--	
501	Motor vehicles and automotive equipment	40.2	39.0	39.0	39.3	--	--	--	--	--	
502	Drugs, chemicals, and allied products	38.5	38.0	37.7	38.0	--	--	--	--	--	
503	Dry goods and apparel	37.5	36.3	35.9	37.0	--	--	--	--	--	
504	Groceries and related products	39.1	38.6	38.5	39.1	--	--	--	--	--	
506	Electrical goods	41.7	39.9	39.9	40.4	--	--	--	--	--	
507	Hardware, plumbing and heating equipment	38.6	38.5	38.5	38.4	--	--	--	--	--	
508	Machinery, equipment, and supplies	39.8	39.5	39.7	39.8	--	--	--	--	--	
509	Miscellaneous wholesalers	38.4	38.2	38.0	38.5	--	--	--	--	--	
52-59	RETAIL TRADE	32.7	31.8	31.6	32.4	31.1	--	--	--	--	
53	Retail general merchandise	32.7	30.7	30.4	32.1	--	--	--	--	--	
531	Department stores	32.1	30.3	29.9	31.8	--	--	--	--	--	
532	Mail order houses	35.9	33.2	34.6	35.1	--	--	--	--	--	
533	Variety stores	32.9	29.3	29.7	31.6	--	--	--	--	--	
54	Food stores	32.6	32.3	32.4	32.8	--	--	--	--	--	
541-3	Grocery, meat, and vegetable stores	32.8	32.6	32.7	33.0	--	--	--	--	--	
56	Apparel and accessory stores	31.7	29.4	29.8	31.7	--	--	--	--	--	
561	Men's and boys' clothing and furnishings	33.8	31.8	31.9	33.9	--	--	--	--	--	
562	Women's ready-to-wear stores	30.8	28.5	28.5	30.5	--	--	--	--	--	
565	Family clothing stores	32.1	29.3	30.4	33.1	--	--	--	--	--	
566	Shoe stores	30.0	28.5	29.3	30.2	--	--	--	--	--	
57	Furniture and home furnishings stores	37.0	36.0	36.2	37.2	--	--	--	--	--	
571	Furniture and home furnishings	37.1	36.2	36.5	37.1	--	--	--	--	--	
58	Eating and drinking places ⁶	28.0	27.7	27.4	27.5	--	--	--	--	--	
52,55,59	Other retail trade	36.8	36.3	36.2	36.9	--	--	--	--	--	
52	Building materials and farm equipment	39.2	38.6	39.3	39.5	--	--	--	--	--	
551,2	Motor vehicle dealers	39.5	39.5	39.5	39.8	--	--	--	--	--	
553,9	Other automotive and accessory dealers	39.9	39.7	39.5	39.9	--	--	--	--	--	
591	Drug stores and proprietary stores	31.6	30.7	30.6	31.5	--	--	--	--	--	
594	Book and stationery stores	33.5	32.9	33.2	33.9	--	--	--	--	--	
598	Fuel and ice dealers	40.7	42.5	41.1	41.7	--	--	--	--	--	
	FINANCE, INSURANCE, AND REAL ESTATE⁷	36.4	36.5	36.6	36.7	37.0					
60	Banking	36.1	36.5	36.4	36.4	--	--	--	--	--	
61	Credit agencies other than banks	37.1	37.4	37.3	37.5	--	--	--	--	--	
612	Savings and loan associations	36.6	37.3	36.7	36.8	--	--	--	--	--	
62	Security, commodity brokers and services	37.4	37.4	38.4	(*)	--	--	--	--	--	
63	Insurance carriers	37.3	37.4	37.3	37.5	--	--	--	--	--	
631	Life insurance	37.1	37.3	37.1	37.2	--	--	--	--	--	
632	Accident and health insurance	37.9	38.5	38.3	38.7	--	--	--	--	--	
633	Fire, marine, and casualty insurance	37.4	37.3	37.2	37.4	--	--	--	--	--	

See footnotes at end of table.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2. Gross hours and earnings of production or nonsupervisory workers ¹ on private nonagricultural payrolls, by industry—Continued

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
	SERVICES	\$ 142.13	\$ 142.71	\$ 149.97	\$ 150.97	\$ 153.05	\$ 4.23	\$ 4.26	\$ 4.49	\$ 4.52	\$ 4.61
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶	92.65	92.98	97.64	97.30	—	2.96	2.98	3.16	3.19	—
	Personal services:										
721	Laundries and dry cleaning plants	109.55	109.37	116.86	118.27	—	3.13	3.17	3.32	3.36	—
722	Photographic studios	114.56	114.89	126.69	121.66	—	3.34	3.33	3.63	3.61	—
	Motion pictures:										
781	Motion picture filming and distributing	263.59	264.52	281.52	267.92	—	6.69	6.58	6.80	6.80	—
806	Hospitals	138.11	138.88	146.63	147.99	—	4.05	4.07	4.30	4.34	—

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

² Beginning January 1976, data relate to line haul railroads with operating revenues of \$10,000,000 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 1975, such employees made up 30 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 craft persons; installation and exchange repair craft persons; line, cable and conduit craft

persons; and laborers. In 1975, such employees made up 47 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 sales agents excluded from all series in this division.

* Not available.

P=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				
		Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^p	Jan. 1977 ^p
--	SERVICES	33.6	33.5	33.4	33.4	33.2	--	--	--	--	--
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels ⁶	31.3	31.2	30.9	30.5	--	--	--	--	--	--
	Personal services:										
721	Laundries and dry cleaning plants	35.0	34.5	35.2	35.2	--	--	--	--	--	
722	Photographic studios	34.3	34.5	34.9	33.7	--	--	--	--	--	
	Motion pictures:										
781	Motion picture filming and distributing ...	39.4	40.2	41.4	39.4	--	--	--	--	--	
806	Hospitals	34.1	34.0	34.1	34.1	--	--	--	--	--	

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	1975					1976							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.
Executive Branch													
Total employment	2,726.4	2,697.5	2,693.7	2,693.8	2,722.6	2,675.6	2,677.6	2,675.4	2,681.2	2,686.0	2,707.8	2,724.1	2,704.2
Average weekly hours	39.3	39.4	39.4	39.2	40.2	39.3	39.3	39.1	39.2	39.2	39.3	39.6	39.4
Average overtime hours	1.0	1.1	1.0	.9	1.8	1.0	.9	.9	.8	.9	.9	1.0	1.0
Indexes (1967=100):													
Average weekly earnings	181.4	186.5	193.5	192.8	201.3	195.2	185.2	193.9	195.5	196.6	195.7	196.1	196.5
Average hourly earnings	181.9	186.5	193.5	193.8	197.3	195.7	195.7	195.4	196.5	197.6	196.2	195.1	196.5
Department of Defense													
Total employment	961.2	949.6	949.0	947.5	945.6	941.1	937.1	934.1	930.7	930.2	936.7	938.5	929.3
Average weekly hours	39.9	39.7	39.8	40.0	39.9	39.9	39.9	39.6	39.8	39.8	40.0	40.1	40.0
Average overtime hours . . . . .	.7	.7	.7	.7	.6	.6	.6	.5	.5	.6	.7	.6	.7
Indexes (1967=100):													
Average weekly earnings	176.4	179.6	186.8	188.8	189.9	189.7	190.2	189.0	191.1	(*)	191.2	188.2	191.5
Average hourly earnings	178.2	182.3	189.1	190.2	191.8	191.6	192.1	192.4	193.5	(*)	192.6	189.1	192.9
Postal service													
Total employment	694.3	691.2	688.7	690.9	724.0	677.9	677.0	672.3	670.3	670.6	672.8	670.7	667.8
Average weekly hours	39.2	39.8	40.1	39.0	43.1	39.9	39.5	39.4	39.2	39.3	39.0	39.7	39.4
Average overtime hours	1.0	1.4	1.4	1.1	4.6	1.6	1.2	1.1	1.0	1.1	.9	1.0	1.1
Indexes (1967=100):													
Average weekly earnings	205.0	214.7	217.6	213.8	246.1	221.5	218.4	217.5	219.8	223.2	220.9	224.5	223.8
Average hourly earnings	201.8	208.2	209.5	211.6	220.4	214.3	213.4	213.1	216.5	219.2	218.6	218.3	219.2
Other agencies													
Total employment	1,070.9	1,056.7	1,056.0	1,055.4	1,053.0	1,056.6	1,063.5	1,069.0	1,080.2	1,085.2	1,098.3	1,114.9	1,107.1
Average weekly hours	(*)	38.8	38.7	38.6	38.6	38.5	38.6	38.6	38.7	38.7	38.9	39.1	38.9
Average overtime hours	1.2	1.2	1.1	1.1	.9	1.0	1.0	1.0	1.0	1.1	1.1	1.2	1.1
Indexes (1967=100):													
Average weekly earnings	(*)	177.2	(*)	184.7	(*)	186.4	(*)	185.9	185.7	186.2	185.4	187.3	185.6
Average hourly earnings	172.8	177.2	(*)	185.6	(*)	187.9	(*)	186.9	186.1	186.6	184.9	185.9	185.1

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage board employees. Since these

averages relate to hours and earnings of all workers, both supervisory and nonsupervisory, they are not comparable to similar data presented in table C-2 which relate only to production or nonsupervisory workers.

* Not available.

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

Major industry group	Average hourly earnings excluding overtime ¹				
	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
MANUFACTURING	\$4.82	\$4.85	\$5.14	\$5.21	\$5.24
DURABLE GOODS	5.19	5.20	5.46	5.56	5.58
Ordnance and accessories	5.37	5.29	5.79	5.82	-
Lumber and wood products	4.25	4.29	4.66	4.67	-
Furniture and fixtures	3.73	3.76	3.97	4.02	-
Stone, clay, and glass products	4.83	4.85	5.19	5.23	-
Primary metal industries	6.26	6.30	6.69	6.72	-
Fabricated metal products	5.11	5.11	5.31	5.39	-
Machinery, except electrical	5.40	5.42	5.67	5.74	-
Electrical equipment and supplies	4.64	4.66	4.91	4.98	-
Transportation equipment	6.12	6.11	6.37	6.60	-
Instruments and related products	4.60	4.63	4.84	4.93	-
Miscellaneous manufacturing industries	3.82	3.87	3.98	4.06	-
NONDURABLE GOODS	4.31	4.37	4.67	4.71	4.75
Food and kindred products	4.53	4.59	4.86	4.92	-
Tobacco manufactures	4.44	4.74	4.72	4.94	-
Textile mill products	3.38	3.41	3.66	3.67	-
Apparel and other textile products	3.20	3.27	3.44	3.47	-
Paper and allied products	4.95	4.97	5.33	5.37	-
Printing and publishing	(²)	(²)	(²)	(²)	-
Chemicals and allied products	5.41	5.46	5.87	5.90	-
Petroleum and coal products	6.43	6.71	6.98	7.01	-
Rubber and plastics products, nec	4.33	4.34	4.72	4.78	-
Leather and leather products	3.20	3.28	3.43	3.46	-

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

^P = preliminary.

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-5. Gross and spendable average weekly earnings of production or nonsupervisory workers ¹ on private nonagricultural payrolls, by industry division, in current and 1967 dollars

Industry	Gross average weekly earnings			Spendable average weekly earnings					
				Worker with no dependents			Worker with three dependents		
	Dec. 1975	Nov. 1976	Dec. 1976 ^p	Dec. 1975	Nov. 1976	Dec. 1976 ^p	Dec. 1975	Nov. 1976	Dec. 1976 ^p
TOTAL PRIVATE:									
Current dollars	\$171.19	\$180.50	\$182.73	\$138.77	\$146.94	\$148.55	\$153.76	\$159.67	\$161.34
1967 dollars	102.94	103.86	104.84	83.45	84.55	85.23	92.46	91.87	92.56
MINING:									
Current dollars	264.69	288.63	290.78	206.20	225.37	226.81	224.19	241.87	243.49
1967 dollars	159.16	166.07	166.83	123.99	129.67	130.13	134.81	139.17	139.70
CONTRACT CONSTRUCTION:									
Current dollars	275.62	289.25	290.35	214.51	225.78	226.52	232.92	242.34	243.17
1967 dollars	165.74	166.43	166.58	128.99	129.91	129.96	140.06	139.44	139.51
MANUFACTURING:									
Current dollars	204.00	215.20	220.05	161.85	172.23	175.86	177.95	185.74	189.39
1967 dollars	122.67	123.82	126.25	97.32	99.10	100.90	107.01	106.87	108.66
TRANSPORTATION AND PUBLIC UTILITIES:									
Current dollars	246.58	267.33	268.00	193.08	210.15	210.63	210.18	225.63	226.15
1967 dollars	148.27	153.81	153.76	116.10	120.91	120.84	126.39	129.82	129.75
WHOLESALE AND RETAIL TRADE:									
Current dollars	129.92	135.46	137.97	108.89	113.64	115.52	122.32	126.65	128.37
1967 dollars	78.12	77.94	79.16	65.48	65.39	66.28	73.55	72.87	73.65
FINANCE, INSURANCE, AND REAL ESTATE:									
Current dollars	153.97	161.04	162.21	126.48	132.86	133.74	140.42	144.76	145.67
1967 dollars	92.59	92.66	93.06	76.06	76.44	76.73	84.44	83.29	83.57
SERVICES:									
Current dollars	142.13	149.97	150.97	117.82	124.54	125.29	132.88	136.54	137.23
1967 dollars	85.47	86.29	86.62	70.85	71.66	71.88	79.90	78.56	78.73
CONSUMER PRICE INDEX (All items, 1967 = 100)	166.3	173.8	174.3	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

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

p = preliminary (applicable to earnings data only).

ESTABLISHMENT DATA HOURS AND EARNINGS

C-6. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division and major manufacturing group

[1967 = 100]

Industry division and group	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
	Hours				
TOTAL	111.5	107.3	113.7	114.8	108.8
GOODS-PRODUCING	95.5	91.5	98.8	97.9	91.3
MINING	124.5	121.9	134.0	132.6	125.4
CONTRACT CONSTRUCTION	99.9	88.2	108.4	101.1	80.3
MANUFACTURING	93.8	91.1	95.9	96.1	92.1
DURABLE GOODS	91.7	89.0	95.2	95.8	91.7
Ordnance and accessories	42.9	41.8	39.5	40.8	41.2
Lumber and wood products	91.4	90.1	99.3	100.0	93.3
Furniture and fixtures	103.0	99.6	105.1	105.3	97.3
Stone, clay, and glass products	95.9	91.5	101.6	98.2	92.4
Primary metal industries	83.7	83.5	85.5	85.5	84.3
Fabricated metal products	96.6	93.4	99.9	100.6	96.0
Machinery, except electrical	95.3	93.3	97.6	100.1	97.9
Electrical equipment and supplies	89.8	87.7	95.4	96.2	91.6
Transportation equipment	91.4	86.0	93.6	95.1	89.9
Instruments and related products	105.0	103.2	110.7	112.8	108.3
Miscellaneous manufacturing	91.2	87.5	96.6	91.9	86.7
NONDURABLE GOODS	96.7	94.1	97.0	96.6	92.5
Food and kindred products	95.4	91.3	98.5	95.7	90.5
Tobacco manufactures	95.7	89.2	75.0	88.2	75.7
Textile mill products	99.8	97.9	96.5	97.7	95.0
Apparel and other textile products	91.4	88.8	88.1	86.1	81.3
Paper and allied products	96.0	94.0	98.3	99.0	95.2
Printing and publishing	95.7	91.8	94.5	96.4	92.3
Chemicals and allied products	98.6	97.3	100.4	101.5	98.8
Petroleum and coal products	109.7	108.1	114.4	113.7	113.7
Rubber and plastics products, nec	117.6	116.3	128.7	129.1	125.2
Leather and leather products	79.0	76.7	71.3	71.0	67.7
SERVICE-PRODUCING	122.6	118.2	124.0	126.5	121.0
TRANSPORTATION AND PUBLIC UTILITIES	101.7	99.3	103.9	103.7	100.4
WHOLESALE AND RETAIL TRADE	122.6	114.6	120.4	126.0	115.9
WHOLESALE TRADE	114.3	111.9	115.5	116.8	112.9
RETAIL TRADE	125.8	115.5	122.2	129.4	117.0
FINANCE, INSURANCE, AND REAL ESTATE	123.8	123.3	128.4	129.2	129.5
SERVICES	131.8	130.3	137.0	137.0	135.0

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

p = preliminary.

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-6. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry division and major manufacturing group—Continued**

[1967 = 100]

Industry division and group	Dec. 1975	Jan. 1976	Nov. 1976	Dec. 1976 ^P	Jan. 1977 ^P
	Payrolls				
TOTAL	195.1	189.1	212.6	215.1	205.7
GOODS-PRODUCING	171.4	163.9	189.1	189.1	175.5
MINING	241.1	239.7	278.1	278.6	264.9
CONTRACT CONSTRUCTION	182.3	160.8	207.0	193.9	155.5
MANUFACTURING	165.9	161.7	181.0	184.4	177.1
DURABLE GOODS	164.3	159.3	180.1	184.8	177.1
Ordnance and accessories	74.6	72.2	74.1	77.0	76.7
Lumber and wood products	171.0	170.1	204.2	206.5	196.2
Furniture and fixtures	170.7	165.2	184.0	187.2	172.2
Stone, clay, and glass products	171.9	163.8	196.5	190.5	180.4
Primary metal industries	162.3	162.8	177.7	179.0	175.9
Fabricated metal products	171.8	166.0	185.6	189.9	182.2
Machinery, except electrical	168.1	164.2	180.7	188.4	183.4
Electrical equipment and supplies	154.7	150.9	174.3	178.8	170.3
Transportation equipment	170.0	158.9	182.3	192.8	181.0
Instruments and related products	174.8	172.1	193.7	201.6	193.0
Miscellaneous manufacturing	152.9	147.7	167.9	163.1	156.8
NONDURABLE GOODS	168.7	165.8	182.7	183.6	177.2
Food and kindred products	171.9	166.6	190.1	186.9	178.4
Tobacco manufactures	191.7	190.1	197.6	197.2	172.9
Textile mill products	172.3	169.6	178.6	181.5	176.4
Apparel and other textile products	147.1	145.6	151.8	149.2	139.9
Paper and allied products	174.6	171.7	192.2	194.7	188.6
Printing and publishing	160.7	154.8	167.9	172.5	166.9
Chemicals and allied products	178.1	177.5	197.0	200.2	197.3
Petroleum and coal products	204.5	210.2	232.1	231.9	234.5
Rubber and plastics products, nec	192.9	190.8	231.7	235.2	229.2
Leather and leather products	126.3	125.2	120.6	121.2	117.3
SERVICE-PRODUCING	215.5	210.8	232.8	237.5	231.7
TRANSPORTATION AND PUBLIC UTILITIES	194.2	191.3	213.6	213.1	207.2
WHOLESALE AND RETAIL TRADE	208.1	198.5	218.8	228.6	214.9
WHOLESALE TRADE	199.8	196.5	213.3	216.8	210.9
RETAIL TRADE	212.8	199.5	221.8	234.9	217.0
FINANCE, INSURANCE, AND REAL ESTATE	202.6	203.4	219.0	221.3	226.1
SERVICES	243.5	242.3	268.6	270.6	271.9

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

p = preliminary.

ESTABLISHMENT DATA SEASONALLY ADJUSTED HOURS

C-7. Average weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

Industry	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. P	Jan. P
TOTAL PRIVATE	36.4	36.4	36.2	36.1	36.3	36.1	36.1	36.1	36.0	36.1	36.2	36.2	35.8
MINING	43.0	43.0	42.8	42.8	42.4	42.2	42.6	41.2	43.5	43.3	43.3	43.4	41.9
CONTRACT CONSTRUCTION	37.6	37.7	36.0	37.4	37.1	37.3	36.9	36.8	35.9	37.3	37.4	37.3	35.2
MANUFACTURING	40.4	40.3	40.3	39.4	40.3	40.2	40.1	40.0	39.7	39.9	40.1	40.0	39.7
<i>Overtime hours</i>	3.1	3.1	3.1	2.6	3.3	3.2	3.1	3.0	3.0	2.9	3.1	3.2	3.3
DURABLE GOODS	40.8	40.7	40.7	39.8	40.9	40.9	40.9	40.8	40.2	40.5	40.8	40.5	40.3
<i>Overtime hours</i>	2.9	3.0	3.1	2.5	3.4	3.4	3.3	3.1	3.0	3.0	3.2	3.3	3.4
Ordnance and accessories	41.3	40.8	40.8	39.7	40.8	41.1	40.9	40.7	40.1	40.6	40.6	41.2	41.1
Lumber and wood products	40.9	40.3	40.0	40.0	40.1	39.8	40.6	40.2	39.8	40.3	40.3	40.3	39.9
Furniture and fixtures	39.3	39.3	39.2	38.4	39.0	38.6	38.6	38.5	38.0	38.4	38.6	38.4	37.2
Stone, clay, and glass products	41.4	41.4	40.8	41.1	41.4	41.4	41.0	41.1	40.9	41.4	41.2	41.1	40.2
Primary metal industries	40.3	40.6	40.6	40.6	41.0	41.2	41.2	40.9	40.3	40.2	40.3	39.9	39.7
Fabricated metal products	40.9	40.9	40.9	39.6	41.0	41.0	41.0	41.0	40.6	40.4	40.8	40.6	40.2
Machinery, except electrical	41.2	41.1	41.1	40.2	41.2	41.2	41.5	41.4	40.8	41.2	41.5	41.4	41.3
Electrical equipment and supplies	40.3	40.2	40.1	39.1	40.2	40.1	40.1	40.1	39.7	40.0	40.3	40.3	39.8
Transportation equipment	41.7	41.8	42.2	39.8	42.4	42.5	42.0	41.9	41.1	41.2	42.0	41.2	41.7
Instruments and related products	40.4	40.2	40.5	39.6	40.8	40.5	40.8	40.4	39.9	40.3	40.4	40.7	40.1
Miscellaneous manufacturing, Ind.	39.0	38.7	38.8	38.0	38.7	38.5	38.8	38.5	38.2	38.7	39.0	38.9	38.3
NONDURABLE GOODS	39.8	39.7	39.6	38.9	39.5	39.3	39.1	38.9	39.0	39.1	39.2	39.3	38.9
<i>Overtime hours</i>	3.3	3.2	3.2	2.8	3.1	2.9	2.9	2.8	2.9	2.8	3.0	3.1	3.1
Food and kindred products	40.6	40.4	40.3	40.1	40.2	40.1	40.0	40.1	40.2	40.3	40.4	40.1	39.7
Tobacco manufactures	39.0	39.2	39.0	38.6	38.6	38.3	35.0	36.8	37.1	37.5	36.9	37.4	35.8
Textile mill products	41.2	40.9	40.9	39.3	40.6	40.3	40.2	39.3	39.0	39.4	39.8	40.1	39.8
Apparel and other textile products	36.5	36.4	36.3	34.9	36.0	35.8	35.5	35.2	34.9	35.0	35.1	35.3	34.5
Paper and allied products	42.6	42.8	42.6	42.1	42.8	42.4	42.3	42.1	42.2	42.1	42.4	42.5	41.9
Printing and publishing	37.7	37.5	37.4	37.2	37.6	37.5	37.7	37.5	37.4	37.5	37.6	37.7	37.7
Chemicals and allied products	41.6	41.7	41.6	41.7	41.6	41.5	41.4	41.3	41.9	41.6	41.7	41.9	41.4
Petroleum and coal products	42.4	42.3	42.2	42.2	42.2	42.0	42.2	42.3	42.2	42.0	41.9	42.5	43.7
Rubber and plastics products, nec	40.8	40.7	40.8	39.6	40.7	40.3	40.3	40.0	40.5	41.1	41.2	41.3	40.5
Leather and leather products	38.8	38.4	38.3	37.7	38.2	37.0	37.0	36.7	36.5	36.4	36.4	36.6	35.8
TRANSPORTATION AND PUBLIC UTILITIES	39.6	39.8	39.9	39.8	39.7	39.8	39.8	40.0	39.9	39.8	40.2	40.3	39.9
WHOLESALE AND RETAIL TRADE	33.8	33.8	33.6	33.9	33.7	33.5	33.6	33.6	33.6	33.5	33.4	33.6	33.1
WHOLESALE TRADE	38.9	38.8	38.7	38.9	38.8	38.8	39.1	38.9	38.8	38.7	38.7	38.6	38.4
RETAIL TRADE	32.3	32.3	32.1	32.5	32.2	31.9	32.0	32.0	32.1	32.0	31.9	32.1	31.6
FINANCE, INSURANCE, AND REAL ESTATE	36.5	36.6	36.5	36.6	36.8	36.6	36.6	36.8	36.7	36.7	36.7	36.7	37.0
SERVICES	33.7	33.7	33.5	33.5	33.6	33.4	33.4	33.5	33.5	33.6	33.5	33.5	33.4

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

p = preliminary.

C-8. Average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls, seasonally adjusted

Industry	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. P	Jan. P
Average hourly earnings													
TOTAL PRIVATE	\$4.72	\$4.75	\$4.77	\$4.79	\$4.84	\$4.85	\$4.88	\$4.91	\$4.92	\$4.95	\$5.00	\$5.02	\$5.06
MINING	6.19	6.25	6.29	6.32	6.36	6.33	6.44	6.34	6.60	6.62	6.62	6.66	6.65
CONTRACT CONSTRUCTION	7.48	7.47	7.58	7.57	7.66	7.68	7.77	7.74	7.71	7.76	7.81	7.83	7.95
MANUFACTURING	5.00	5.04	5.08	5.08	5.13	5.16	5.21	5.25	5.29	5.29	5.34	5.38	5.41
TRANSPORTATION AND PUBLIC UTILITIES	6.23	6.29	6.33	6.38	6.44	6.47	6.48	6.52	6.54	6.58	6.62	6.64	6.68
WHOLESALE AND RETAIL TRADE	3.87	3.87	3.89	3.91	3.94	3.95	3.98	4.00	4.03	4.05	4.08	4.11	4.14
FINANCE, INSURANCE, AND REAL ESTATE	4.25	4.30	4.30	4.33	4.36	4.34	4.37	4.43	4.39	4.43	4.42	4.42	4.50
SERVICES	4.24	4.26	4.27	4.30	4.34	4.36	4.35	4.39	4.39	4.43	4.48	4.50	4.59
Average weekly earnings													
TOTAL PRIVATE:													
Current dollars	171.81	172.90	172.67	172.92	175.69	175.09	176.17	177.25	177.12	178.70	181.00	181.72	181.15
1967 dollars *	-	-	-	-	-	-	-	-	-	-	-	-	-
Real spendable earnings (worker and 3 dependents, 1967 dollars)*	-	-	-	-	-	-	-	-	-	-	-	-	-

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

p = preliminary.

*revised data will be published in the March issue.

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

C-9. Indexes of aggregate weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted

[1967 = 100]

Industry division and group	1976												1977
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. ^P	Jan. ^P
TOTAL	110.7	111.1	111.1	111.5	112.0	111.6	111.8	111.8	112.2	112.2	112.8	113.1	112.2
GOODS-PRODUCING	96.0	96.1	96.0	95.6	97.2	96.8	96.5	95.7	95.9	96.0	97.2	97.0	95.6
MINING	125.2	125.0	125.7	125.9	124.7	125.0	127.7	115.6	131.7	131.1	132.6	133.1	128.7
CONTRACT CONSTRUCTION	105.1	104.1	99.6	105.0	104.0	104.0	103.7	102.5	99.4	104.2	105.7	104.5	95.8
MANUFACTURING	93.4	93.6	94.3	93.0	95.1	94.6	94.2	93.9	94.0	93.2	94.5	94.5	94.4
DURABLE GOODS	91.0	91.4	92.4	90.9	94.0	93.8	93.5	93.6	93.2	92.0	93.8	93.7	93.8
Ordnance and accessories	41.5	41.0	41.0	39.9	41.0	40.7	40.0	39.8	38.6	38.5	38.5	39.7	40.7
Lumber and wood products	97.0	96.0	95.8	96.0	96.6	96.1	98.6	97.6	98.2	99.4	100.8	101.9	100.4
Furniture and fixtures	101.3	103.1	103.6	102.7	105.1	103.3	102.3	101.2	102.4	102.2	102.8	103.0	98.8
Stone, clay, and glass products	97.7	97.4	96.5	98.6	99.5	99.7	99.2	98.6	98.9	99.7	100.2	98.8	98.6
Primary metal industries	83.6	84.8	86.0	86.8	88.3	89.2	90.1	89.8	88.8	86.2	85.7	84.6	84.3
Fabricated metal products	95.3	96.4	97.2	94.9	98.7	98.4	98.0	98.6	98.6	96.5	98.1	98.5	98.1
Machinery, except electrical	92.8	93.0	93.3	91.7	94.9	94.5	95.9	95.9	95.9	94.0	96.7	96.5	97.8
Electrical equipment and supplies	88.6	89.3	90.4	89.0	92.2	91.9	90.5	92.2	91.5	92.1	93.4	93.5	92.4
Transportation equipment	89.2	89.2	91.8	86.9	92.8	92.6	90.3	90.7	89.1	86.1	91.5	90.8	93.2
Instruments and related products	104.7	105.2	106.7	105.7	109.6	109.1	110.3	108.1	107.2	107.9	108.5	110.4	109.4
Miscellaneous manufacturing, Ind.	94.4	94.3	95.4	93.1	95.4	94.7	93.1	91.8	92.2	92.0	92.1	91.9	93.6
NONDURABLE GOODS	96.8	96.8	97.1	96.0	96.6	95.8	95.2	94.2	95.2	95.0	95.4	95.6	95.2
Food and kindred products	96.7	96.8	96.0	96.1	96.6	96.8	97.0	96.5	96.4	96.2	96.6	95.5	95.9
Tobacco manufactures	89.0	88.1	84.9	85.4	85.4	83.4	82.3	84.0	82.1	83.0	81.6	80.1	75.4
Textile mill products	99.1	99.0	99.3	96.1	99.9	98.6	98.0	95.5	95.2	95.0	95.6	96.2	96.1
Apparel and other textile products	92.7	92.2	92.6	89.3	92.0	91.4	88.9	87.6	86.2	85.7	86.1	86.4	84.8
Paper and allied products	95.2	95.8	96.1	95.9	98.1	97.3	96.9	96.1	96.5	95.7	97.0	97.4	96.4
Printing and publishing	93.1	92.6	92.7	92.3	93.6	93.1	93.6	92.9	93.1	93.4	93.6	93.7	93.7
Chemicals and allied products	98.4	99.4	99.4	100.1	100.0	99.0	99.4	99.8	100.3	99.4	100.0	100.6	100.1
Petroleum and coal products	113.6	114.2	113.9	115.6	113.9	111.6	112.2	112.4	112.2	112.5	113.1	115.6	119.7
Rubber and plastics products, nec	117.7	117.9	121.7	121.3	108.8	107.0	106.2	105.2	124.3	125.6	125.7	127.2	126.5
Leather and leather products	79.7	79.2	79.3	78.4	79.8	76.0	74.7	72.5	72.1	71.0	70.4	70.4	70.1
SERVICE-PRODUCING	120.9	121.6	121.6	122.6	122.3	121.8	122.5	123.0	123.6	123.5	123.5	124.3	123.8
TRANSPORTATION AND PUBLIC UTILITIES	101.3	102.3	102.5	102.4	101.9	101.6	102.1	102.5	102.9	102.0	103.2	103.8	102.4
WHOLESALE AND RETAIL TRADE	117.3	118.0	118.0	119.8	118.9	118.1	118.9	119.0	119.7	119.3	118.9	119.8	118.8
WHOLESALE TRADE	113.2	113.4	113.2	114.3	114.3	114.1	115.3	114.7	114.9	114.8	114.8	114.8	114.3
RETAIL TRADE	118.9	119.8	119.8	121.8	120.6	119.6	120.3	120.6	121.6	121.0	120.4	121.6	120.4
FINANCE, INSURANCE, AND REAL ESTATE	125.1	125.4	125.5	126.1	126.3	126.3	126.6	127.3	127.7	128.3	129.1	129.8	131.3
SERVICES	133.6	134.2	134.0	134.6	135.3	135.0	135.4	136.6	137.2	137.6	137.7	138.2	138.2

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

p = preliminary.

C-10. Hours of wage and salary workers¹ in nonagricultural establishments, by industry division

Industry division	Millions of hours (Annual rate) ²			Percent change		
	November 1976	December 1976 ^P	January 1977 ^P	Jan. 1976 to Jan. 1977	Nov. 1976 to Dec. 1976	Dec. 1976 to Jan. 1977
TOTAL	152,616	153,441	152,164	1.1	6.7	-9.5
PRIVATE SECTOR	123,217	123,614	122,633	1.7	3.9	-6.9
MINING	1,813	1,823	1,774	3.4	7.5	-20.4
CONTRACT CONSTRUCTION	7,038	6,984	6,481	-7.3	-7.2	-59.9
MANUFACTURING	39,594	39,573	39,566	1.4	-0.6	-0.2
DURABLE GOODS						
NONDURABLE GOODS	9,446	9,510	9,440	2.1	9.3	-0.4
TRANSPORTATION AND PUBLIC UTILITIES	31,057	31,325	31,062	1.3	10.9	-9.7
WHOLESALE AND RETAIL TRADE						
FINANCE, INSURANCE, AND REAL ESTATE	8,361	8,401	8,502	5.0	5.9	15.5
SERVICES	25,909	25,987	26,059	3.7	3.7	3.4
GOVERNMENT	29,398	29,827	29,531	-1.0	19.0	-19.3

¹Data refer to hours of all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Survey Studies*, BLS Bulletin 1910—Chapter 30, Productivity Measures: Private Economy and Major Sectors.

²"Annual rate" refers to total hours paid for 1 week in the month, expressed as a seasonally adjusted annual equivalent.

**PRODUCTIVITY
SEASONALLY ADJUSTED**

**C-11. Indexes of output and compensation per hour, unit costs, and prices,
private business sector, seasonally adjusted**

[1967 = 100]

Item	Annual average		Quarterly indexes										
	1975	1976	1974			1975				1976			
			II	III	IV	I	II	III	IV	I	II	III	IV
PRIVATE BUSINESS SECTOR:													
Output per hour of all persons	111.5	116.4	109.3	106.7	107.7	103.1	111.2	113.6	113.3	115.3	116.2	117.1	117.5
Output	115.1	126.1	121.8	126.5	117.7	114.2	116.7	120.1	121.2	124.2	125.8	126.0	127.3
Hours	125.9	102.3	111.5	111.0	109.2	105.7	104.9	105.7	107.0	107.7	108.3	108.3	108.7
Compensation per hour	180.2	195.0	161.6	166.6	170.8	176.1	173.8	181.2	185.1	189.8	193.0	196.0	200.8
Real compensation per hour	111.8	114.3	111.1	111.3	110.8	112.0	112.0	111.3	111.3	113.5	114.1	114.5	115.6
Unit labor costs	161.6	167.4	147.9	153.3	158.6	162.9	169.7	159.5	163.4	164.7	166.1	168.0	170.9
Unit nonlabor payments	149.5	159.4	129.4	132.0	134.9	132.6	146.6	156.2	156.1	156.1	159.4	160.5	161.3
Implicit price deflator	157.5	164.6	141.5	146.0	150.4	154.5	155.9	158.4	160.9	161.7	163.8	165.4	167.6
NONFARM BUSINESS SECTOR:													
Output per hour of all persons	109.4	114.0	107.5	106.7	105.8	106.0	109.1	111.6	111.1	112.6	113.9	114.7	114.7
Output	115.0	126.2	122.1	121.0	117.9	114.4	116.6	119.9	121.3	124.3	126.0	126.9	127.8
Hours	107.9	110.7	113.6	113.4	111.4	107.9	106.9	107.5	109.2	110.4	110.6	110.6	111.4
Compensation per hour	177.7	191.8	159.4	163.9	168.5	173.1	176.2	179.2	182.3	186.5	190.2	193.5	197.1
Real compensation per hour	110.2	112.5	109.6	109.5	109.3	110.1	110.4	110.1	110.2	111.4	112.4	112.7	113.5
Unit labor costs	162.4	168.2	148.3	153.6	159.3	163.3	161.5	160.6	164.1	165.5	166.9	168.7	171.8
Unit nonlabor payments	144.7	155.7	124.2	127.0	129.7	136.0	142.3	150.0	150.1	152.4	154.0	157.3	159.0
Implicit price deflator	156.4	164.0	140.1	144.6	149.2	154.0	155.0	157.0	159.3	161.0	162.5	164.8	167.4
MANUFACTURING:													
Output per hour of all persons	114.9	122.4	115.3	115.5	112.7	109.0	112.7	118.6	119.5	120.9	123.1	124.8	124.6
Output	106.3	118.3	118.5	118.5	111.5	100.8	102.7	109.5	112.6	116.5	119.0	120.5	120.9
Hours	92.5	96.6	102.8	102.6	98.9	92.4	91.1	92.3	94.2	96.4	96.7	96.6	97.0
Compensation per hour	179.2	193.2	158.7	163.6	169.8	175.9	178.5	180.7	183.7	187.8	191.7	194.6	198.3
Real compensation per hour	111.5	113.3	109.1	109.3	110.1	111.0	111.3	111.0	111.0	112.3	113.3	113.3	114.2
Unit labor costs	156.4	157.8	137.7	141.7	150.7	161.3	158.3	152.3	153.7	155.4	155.8	155.9	159.1
DURABLE GOODS													
Output per hour of all persons	110.9	117.8	108.9	109.7	107.7	104.2	108.6	115.2	115.5	116.5	119.3	121.1	120.1
Output	101.3	112.5	113.0	113.9	107.9	96.9	97.9	104.2	106.4	110.2	113.8	116.2	115.6
Hours	91.3	95.5	103.8	103.9	100.2	92.9	90.1	90.5	92.2	94.6	95.4	95.9	96.3
Compensation per hour	181.3	194.7	158.6	163.5	169.7	176.0	180.0	182.7	185.7	189.5	193.9	195.9	193.8
Real compensation per hour	112.4	114.2	109.0	109.2	110.1	111.9	112.8	112.2	112.2	113.3	114.6	114.1	114.5
Unit labor costs	163.5	165.3	145.6	149.1	157.5	168.9	165.7	158.6	160.8	162.7	162.5	161.8	165.6
NONDURABLE GOODS													
Output per hour of all persons	121.5	129.9	125.6	125.2	121.0	117.1	119.4	124.4	125.9	127.7	129.2	131.1	132.2
Output	114.5	127.7	127.3	126.0	117.5	107.5	110.4	118.1	122.5	126.3	127.4	127.9	129.5
Hours	94.2	98.3	101.4	103.7	97.1	91.7	92.4	95.0	97.3	98.9	98.6	97.5	98.0
Compensation per hour	177.2	191.2	158.4	163.3	169.3	175.5	176.4	178.4	181.5	185.3	188.8	192.7	197.6
Real compensation per hour	110.3	112.1	108.9	109.0	109.9	111.6	110.6	109.5	109.7	111.1	111.6	112.2	113.3
Unit labor costs	146.3	147.2	126.1	130.4	140.0	149.8	147.7	143.4	144.2	145.5	146.1	146.9	149.5
NONFINANCIAL CORPORATIONS:													
Output per all-employee hour	112.8	N.A.	110.5	109.1	108.0	108.0	112.5	115.1	114.8	116.0	117.2	118.0	N.A.
Output	124.0	N.A.	129.7	127.7	123.7	119.7	122.4	126.2	127.5	130.3	133.0	134.0	N.A.
Hours	109.9	N.A.	117.3	117.1	114.6	110.0	106.6	109.7	111.1	112.9	113.4	113.6	N.A.
Compensation per hour	179.9	N.A.	160.5	165.1	162.9	175.5	178.3	181.2	184.6	188.4	191.9	195.0	N.A.
Real compensation per hour	111.6	N.A.	110.4	110.2	110.2	111.6	111.7	111.3	111.5	112.6	113.4	113.6	N.A.
Total unit costs	166.8	N.A.	148.5	155.2	162.0	167.4	165.9	165.4	168.7	169.6	171.0	172.0	N.A.
Unit labor costs	159.4	N.A.	145.2	151.4	157.3	161.3	159.5	157.5	160.2	162.5	163.7	165.3	N.A.
Unit nonlabor costs	189.8	N.A.	158.4	167.2	176.8	186.5	189.2	190.2	193.4	191.9	193.9	196.2	N.A.
Unit profits	87.0	N.A.	74.4	66.4	66.2	61.6	62.4	102.0	109.5	106.0	107.1	111.3	N.A.
Implicit price deflator	155.0	N.A.	137.5	142.0	146.9	151.7	153.5	156.0	158.0	160.2	161.5	163.7	N.A.

p=preliminary.
r=revised.

Note: These series reflect the use of new seasonal factors in BLS estimates of employment and average weekly hours. These revisions apply mainly to data for the last 5 years, except for manufacturing where the revisions extend back to 1947. Thus the quarterly measures for the private business sector and the nonfarm business sector (which include manufacturing) are based on new quarterly data back to 1947.

**PRODUCTIVITY
SEASONALLY ADJUSTED**

C-12. Percent changes from preceding quarter and year in productivity, hourly compensation, unit costs, and prices, private business sector, seasonally adjusted at annual rate

Item	Quarterly percent change								Annual percent change			
	II 1975	III 1975	IV 1975	I 1976	II 1976	III 1976	IV 1976	I 1977	II 1977	III 1977	IV 1977	
	to III 1975	to IV 1975	to I 1976	to II 1976	to III 1976	to IV 1976	to I 1977	to II 1977	to III 1977	to IV 1977		
PRIVATE BUSINESS SECTOR:												
Output per hour of all persons	3.6	-1.2	7.3	3.2	2.9	1.5	4.5	5.1	6.6	4.5	3.0	3.7
Output	12.3	3.6	19.2	5.5	2.9	2.2	-0.4	3.0	3.7	7.8	5.5	5.4
Hours	3.2	4.3	3.7	2.2	0.0	1.7	-4.7	-2.1	1.9	3.2	2.4	1.6
Compensation per hour	5.6	3.3	10.7	6.9	7.6	3.9	8.8	5.3	7.8	8.0	9.5	8.5
Real compensation per hour	-2.6	2.0	6.0	2.1	1.4	4.1	0.0	0.9	1.3	1.8	2.9	3.4
Unit labor costs	3.0	10.1	3.2	3.5	4.5	7.3	4.1	3.0	1.1	3.3	5.3	4.6
Unit nonlabor payments	22.7	-0.1	-0.1	3.7	2.6	2.1	13.3	15.7	12.0	8.7	2.7	3.3
Implicit price deflator	6.6	6.6	2.1	5.2	3.9	5.5	3.5	7.0	4.7	5.1	4.4	4.2
NONFARM BUSINESS SECTOR:												
Output per hour of all persons	9.6	-1.3	5.7	4.8	2.7	-0.1	4.6	5.0	6.2	4.5	2.8	3.3
Output	12.1	4.3	19.5	5.4	3.0	2.7	-0.3	2.9	8.7	8.1	5.8	5.4
Hours	2.2	5.5	4.5	0.6	0.3	2.9	-5.2	-2.0	2.3	3.4	2.9	2.0
Compensation per hour	7.2	7.1	9.4	8.2	7.2	7.6	9.4	8.2	7.7	7.9	7.9	8.1
Real compensation per hour	-1.1	0.4	4.7	3.4	1.0	2.9	0.6	0.8	1.2	1.8	2.4	3.0
Unit labor costs	-2.2	9.0	3.5	3.2	4.3	7.7	4.6	3.1	1.4	3.3	5.0	4.7
Unit nonlabor payments	23.4	0.4	6.2	4.3	9.0	4.3	13.0	15.7	12.0	8.2	4.9	5.9
Implicit price deflator	5.3	6.2	4.3	3.6	5.3	6.6	3.6	6.3	4.6	4.9	5.0	5.1
MANUFACTURING:												
Output per hour of all persons	22.6	3.0	4.7	7.4	5.7	-0.5	2.7	6.1	10.9	9.2	5.2	4.3
Output	29.4	11.9	14.4	3.9	5.3	1.1	-7.6	1.0	15.6	15.9	10.1	7.3
Hours	5.5	8.7	9.3	1.4	-0.5	1.6	-10.0	-4.3	4.2	6.2	4.7	2.9
Compensation per hour	5.1	6.3	9.2	3.6	6.2	7.7	10.5	8.2	6.8	7.4	7.7	7.9
Real compensation per hour	-3.0	0.1	4.5	3.3	0.1	3.0	1.6	0.8	0.3	1.3	2.1	2.2
Unit labor costs	-14.3	3.7	4.3	1.1	0.4	3.3	7.5	2.0	-3.7	-1.6	2.4	3.5
DURABLE GOODS												
Output per hour of all persons	26.5	1.1	3.6	9.9	6.1	-3.3	5.0	7.2	11.3	9.3	5.1	4.0
Output	28.5	6.7	15.1	13.6	3.6	-1.9	-8.5	-1.4	13.8	16.2	11.5	8.6
Hours	1.6	7.5	11.2	3.3	2.3	1.5	-12.3	-8.0	1.3	5.8	6.0	4.5
Compensation per hour	6.2	6.7	8.5	9.4	4.3	6.1	11.7	9.4	7.7	7.7	7.2	7.1
Real compensation per hour	-2.0	0.1	3.0	4.6	-1.7	1.4	2.7	1.9	1.2	1.6	1.7	2.0
Unit labor costs	-16.0	5.5	4.8	-0.4	-1.7	9.7	6.4	2.1	-3.7	-2.0	2.0	3.0
NONDURABLE GOODS												
Output per hour of all persons	17.6	5.0	5.0	4.7	6.3	3.2	-0.6	4.1	9.0	8.2	5.5	5.0
Output	31.0	15.9	13.0	3.5	1.6	5.1	-6.3	4.3	17.6	15.4	8.3	5.7
Hours	11.5	10.5	6.7	-1.2	-4.4	1.3	-5.7	0.2	7.9	6.7	2.7	0.7
Compensation per hour	4.4	7.2	9.9	6.5	3.6	10.7	9.2	7.2	5.9	7.0	3.0	3.9
Real compensation per hour	-3.6	0.5	5.2	1.8	2.3	5.9	0.5	-0.2	-0.5	0.9	2.4	3.3
Unit labor costs	-11.2	2.1	3.3	1.7	2.2	7.2	10.0	3.0	-2.3	-1.1	2.5	3.7
NONFINANCIAL CORPORATIONS:												
Output per all-employee hour	9.3	-0.9	4.2	4.4	2.6	N.A.	5.5	6.3	6.6	4.2	2.5	N.A.
Output	13.1	4.2	10.6	6.3	3.3	N.A.	-1.1	3.1	9.3	3.6	6.2	N.A.
Hours	3.5	5.1	6.2	2.3	0.7	N.A.	-6.3	-3.0	2.6	4.3	3.6	N.A.
Compensation per hour	6.7	7.6	9.4	7.6	6.7	N.A.	9.8	3.7	7.3	7.6	7.6	N.A.
Real compensation per hour	-3.5	0.5	3.9	2.9	0.6	N.A.	3.9	1.2	0.5	1.5	2.1	N.A.
Total unit costs	-1.2	3.1	3.2	3.4	4.3	N.A.	6.6	4.1	1.3	3.1	4.5	N.A.
Unit labor costs	-2.4	3.6	4.3	3.1	4.0	N.A.	4.0	2.2	0.7	3.3	5.0	N.A.
Unit nonlabor costs	2.1	7.1	-3.1	3.9	5.1	N.A.	13.7	9.4	2.9	2.5	3.2	N.A.
Unit profits	135.3	-5.9	23.8	4.2	16.9	N.A.	53.5	66.9	71.9	30.0	9.1	N.A.
Implicit price deflator	6.7	6.7	4.1	3.4	5.5	N.A.	9.8	7.9	5.6	5.2	4.9	N.A.

p=preliminary.
r=revised.

Note: These series reflect the use of new seasonal factors in BLS estimates of employment and average weekly hours. These revisions apply mainly to data for the last 5 years, except for manufacturing where the revisions extend back to 1947. Thus the quarterly measures for the private business sector and the nonfarm business sector (which include manufacturing) are based on new quarterly data back to 1947.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-13. 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		
	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P
ALABAMA	\$175.48	\$190.07	\$191.82	41.0	40.7	40.9	\$4.28	\$4.67	\$4.69
Birmingham	212.16	235.60	(*)	40.8	41.7	(*)	5.20	5.65	(*)
Mobile	209.92	221.20	219.94	41.0	39.5	39.7	5.12	5.60	5.54
ALASKA	293.44	346.83	(*)	34.2	40.9	(*)	8.58	8.48	(*)
ARIZONA	199.20	212.93	220.46	40.0	39.8	40.6	4.98	5.35	5.43
Phoenix	198.40	209.87	221.12	40.0	39.9	41.1	4.96	5.26	5.38
Tucson	199.60	214.89	219.75	40.0	39.0	40.1	4.99	5.51	5.48
ARKANSAS	150.75	157.92	166.04	40.2	38.8	40.4	3.75	4.07	4.11
Fayetteville-Springdale	137.76	144.71	153.09	39.7	38.9	40.5	3.47	3.72	3.78
Fort Smith	148.57	153.18	162.35	39.3	38.2	39.5	3.79	4.01	4.11
Little Rock-North Little Rock	174.10	190.00	194.80	40.3	39.5	40.0	4.33	4.81	4.87
Pine Bluff	184.40	207.46	212.00	40.0	41.0	42.4	4.61	5.06	5.00
CALIFORNIA	217.22	231.38	235.53	40.3	40.1	40.4	5.39	5.77	5.83
Anaheim-Santa Ana-Garden Grqve	207.00	212.53	218.94	41.4	40.1	41.0	5.00	5.30	5.34
Bakersfield	213.31	228.80	233.96	40.4	40.0	40.2	5.28	5.72	5.82
Fresno	186.31	203.09	201.84	38.1	39.9	38.3	4.89	5.09	5.27
Los Angeles-Long Beach	205.54	217.22	222.09	40.7	40.3	40.9	5.05	5.39	5.43
Modesto	207.48	218.90	223.97	39.9	39.8	40.5	5.20	5.50	5.53
Oxnard-Simi Valley-Ventura	185.81	195.07	202.98	39.2	38.4	39.8	4.74	5.08	5.10
Riverside-San Bernardino-Ontario	213.59	236.22	234.63	39.7	39.7	39.5	5.38	5.95	5.94
Sacramento	234.42	244.20	252.06	39.8	38.7	39.2	5.89	6.31	6.43
Salinas-Seaside-Monterey	187.10	219.04	213.57	36.4	38.7	37.6	5.14	5.66	5.68
San Diego	212.40	220.52	228.67	39.7	39.1	39.7	5.35	5.64	5.76
San Francisco-Oakland	255.71	276.61	279.30	39.4	39.8	39.9	6.49	6.95	7.00
San Jose	238.39	264.31	270.85	40.2	40.6	41.1	5.93	6.51	6.59
Santa Barbara-Santa Maria-Lompoc	187.22	191.23	203.52	40.7	38.4	40.3	4.60	4.98	5.05
Santa Rosa	192.15	205.72	213.57	36.6	37.0	37.6	5.25	5.56	5.68
Stockton	237.41	245.70	254.63	39.9	39.0	39.6	5.95	6.30	6.43
Vallejo-Fairfield-Napa	226.76	230.12	229.13	39.3	38.1	37.5	5.77	6.04	6.11
COLORADO	208.80	211.97	(*)	40.0	39.4	(*)	5.22	5.38	(*)
Denver-Boulder	214.65	216.11	(*)	40.5	39.8	(*)	5.30	5.43	(*)
CONNECTICUT	207.50	218.59	223.39	41.5	41.4	41.6	5.00	5.28	5.37
Bridgeport	215.13	231.43	231.86	42.1	42.7	42.7	5.11	5.42	5.43
Hartford	243.60	242.60	246.71	43.5	41.9	42.1	5.60	5.79	5.86
New Britain	211.84	221.31	227.94	41.7	41.6	41.9	5.08	5.32	5.44
New Haven-West Haven	208.98	216.65	222.03	41.3	40.8	41.5	5.06	5.31	5.35
Stamford	207.47	219.34	224.40	40.6	41.7	42.5	5.11	5.26	5.28
Waterbury	178.50	186.68	191.48	42.1	41.3	41.9	4.24	4.52	4.57
DELAWARE	209.97	223.05	232.26	39.1	39.2	39.5	5.37	5.69	5.88
Wilmington	232.46	250.19	257.54	39.2	39.4	39.5	5.93	6.35	6.52
DISTRICT OF COLUMBIA:									
Washington SMSA	207.62	212.78	211.14	39.1	38.9	38.6	5.31	5.47	5.47
FLORIDA	170.57	182.90	185.15	41.3	41.1	41.7	4.13	4.45	4.44
Fort Lauderdale-Hollywood	168.24	180.04	178.23	39.4	41.2	40.6	4.27	4.37	4.39
Jacksonville	212.78	220.42	227.52	42.9	41.2	41.9	4.96	5.35	5.43
Miami	149.63	154.77	161.90	39.9	40.2	41.3	3.75	3.85	3.92
Orlando	167.66	192.61	198.08	40.4	41.6	41.7	4.15	4.63	4.75
Pensacola	218.36	230.71	234.47	42.4	42.1	43.5	5.15	5.48	5.39
Tampa-St. Petersburg	183.96	198.10	199.20	42.0	41.1	41.5	4.38	4.82	4.80
West Palm Beach-Boca Raton	220.78	233.93	239.37	45.9	45.6	46.3	4.81	5.13	5.17
GEORGIA	168.91	172.10	175.42	41.4	40.4	40.7	4.08	4.26	4.31
Atlanta	201.14	211.74	221.41	40.8	39.8	40.7	4.93	5.32	5.44
Savannah	208.45	237.50	247.56	43.7	43.9	47.7	4.77	5.41	5.19
HAWAII	188.55	211.53	213.64	39.2	39.1	39.2	4.81	5.41	5.45
Honolulu	184.51	205.52	206.59	38.6	38.2	38.4	4.78	5.38	5.38
IDAHO ¹	197.10	213.72	(*)	38.8	39.0	(*)	5.08	5.48	(*)

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-13. 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		
	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P
ILLINOIS	\$228.57	\$242.68	\$247.26	40.6	40.5	40.7	\$5.62	\$6.00	\$6.07
INDIANA	239.87	252.14	255.84	41.5	40.8	41.0	5.78	6.18	6.24
Indianapolis	245.07	257.09	(*)	42.4	41.4	(#)	5.78	6.21	(#)
IOWA	225.28	241.56	254.59	40.3	39.6	40.8	5.59	6.10	6.24
Cedar Rapids	231.29	245.60	251.12	41.9	40.0	40.7	5.52	6.14	6.17
Des Moines	245.01	249.85	257.63	40.7	39.1	38.8	6.02	6.39	6.64
Dubuque	262.58	274.52	306.77	38.9	36.7	40.1	6.75	7.48	7.65
Sioux City	198.02	223.82	224.87	38.6	40.4	40.3	5.13	5.54	5.58
Waterloo—Cedar Falls	275.40	296.04	348.48	40.5	38.8	44.0	6.80	7.63	7.92
KANSAS	204.46	211.46	214.77	41.9	41.2	41.7	4.88	5.13	5.15
Topeka	199.56	236.98	234.73	39.9	44.0	43.5	5.00	5.39	5.40
Wichita	223.78	227.35	229.36	42.3	41.4	41.7	5.29	5.49	5.50
KENTUCKY	194.71	213.72	211.33	39.9	40.4	40.1	4.88	5.29	5.27
Louisville	234.17	251.94	254.78	41.3	40.9	40.7	5.67	6.16	6.26
LOUISIANA	213.85	230.58	232.96	42.6	42.0	41.6	5.02	5.49	5.60
Baton Rouge	259.11	283.72	284.50	42.2	42.6	42.4	6.14	6.66	6.71
New Orleans	213.85	219.30	219.70	42.6	39.8	39.8	5.02	5.51	5.52
Shreveport	191.13	198.62	200.33	42.1	40.7	40.8	4.54	4.88	4.91
MAINE	158.30	170.77	174.84	40.8	38.9	40.1	3.88	4.39	4.36
Lewiston—Auburn	132.60	135.42	137.99	39.0	36.9	37.6	3.40	3.67	3.67
Portland	174.50	173.76	177.75	40.3	38.7	39.5	4.33	4.49	4.50
MARYLAND	206.59	223.79	231.15	39.5	39.4	40.2	5.23	5.68	5.75
Baltimore	218.65	234.04	244.01	39.9	39.6	40.6	5.48	5.91	6.01
MASSACHUSETTS	186.65	197.31	202.71	40.4	39.7	40.3	4.62	4.97	5.03
Boston	203.21	218.40	223.97	40.4	40.0	40.5	5.03	5.46	5.53
Brockton	152.88	157.44	156.83	39.0	38.4	37.7	3.92	4.10	4.16
Fall River	133.59	126.81	137.55	36.6	32.6	35.0	3.65	3.89	3.93
Lawrence—Haverhill	178.54	189.77	197.24	39.5	39.7	40.5	4.52	4.78	4.87
Lowell	166.18	171.20	174.33	39.1	38.3	39.0	4.25	4.47	4.47
New Bedford	157.18	155.05	165.84	39.1	35.4	38.3	4.02	4.38	4.33
Springfield—Chicopee—Holyoke	188.55	206.67	214.04	40.9	41.5	42.3	4.61	4.98	5.06
Worcester	187.60	198.10	203.11	40.0	39.7	40.3	4.69	4.99	5.04
MICHIGAN	291.71	302.93	315.40	44.4	43.7	43.8	6.57	6.93	7.20
Ann Arbor	317.90	340.91	346.68	45.9	45.1	45.0	6.93	7.56	7.70
Battle Creek	271.24	289.76	290.30	42.0	42.0	42.0	6.46	6.90	6.91
Bay City	274.04	328.61	335.90	44.3	49.4	50.0	6.19	6.65	6.72
Detroit	316.39	323.83	342.35	45.9	44.1	44.6	6.89	7.34	7.68
Flint	335.72	351.97	357.86	45.3	46.6	46.5	7.41	7.55	7.70
Grand Rapids	225.50	239.79	245.11	41.3	41.3	41.6	5.46	5.81	5.89
Jackson	233.00	259.49	266.09	40.6	41.8	42.5	5.74	6.21	6.26
Kalamazoo—Portage	244.52	274.05	279.63	41.6	42.6	42.6	5.88	6.43	6.56
Lansing—East Lansing	309.41	313.09	355.75	44.1	43.4	46.1	7.02	7.21	7.72
Muskegon—Norton Shore—Muskegon Heights	232.88	251.22	252.11	41.4	41.4	41.5	5.63	6.07	6.08
Saginaw	339.93	350.66	364.27	45.0	45.2	45.1	7.55	7.76	8.08
MINNESOTA	215.61	227.37	228.97	40.3	40.1	40.1	5.35	5.67	5.71
Duluth—Superior	194.49	204.75	204.75	40.1	39.3	39.3	4.85	5.21	5.21
Minneapolis—St. Paul	232.47	244.42	247.46	41.0	40.4	40.7	5.67	6.05	6.08
MISSISSIPPI	153.18	157.99	162.81	41.4	40.2	40.6	3.70	3.93	4.01
Jackson	158.84	165.23	174.29	41.8	40.3	42.1	3.80	4.10	4.14
MISSOURI	202.46	212.27	213.73	40.9	39.9	39.8	4.95	5.32	5.37
Kansas City	234.35	246.22	251.10	41.7	40.9	41.3	5.62	6.02	6.08
St. Joseph	190.28	194.64	195.46	40.4	39.4	40.3	4.71	4.94	4.85
St. Louis	235.94	246.84	247.02	41.4	40.4	40.1	5.70	6.11	6.16
Springfield	162.82	174.54	177.38	38.4	38.7	38.9	4.24	4.51	4.56
MONTANA	220.49	248.12	252.45	39.8	41.7	42.5	5.54	5.95	5.94

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-13. 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		
	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P
NEBRASKA	\$197.83	\$207.81	\$217.72	42.0	40.7	41.7	\$4.71	\$5.11	\$5.22
Lincoln	181.94	197.85	199.54	40.2	40.1	39.9	4.53	4.93	5.00
Omaha	223.28	238.87	251.42	42.3	43.0	43.4	5.28	5.56	5.79
NEVADA	210.93	232.85	238.32	39.5	39.6	40.6	5.34	5.88	5.87
Las Vegas	262.63	283.50	(*)	41.1	42.0	(*)	6.39	6.75	(*)
NEW HAMPSHIRE	165.63	174.20	177.06	40.3	39.5	39.7	4.11	4.41	4.46
Manchester	149.72	156.72	155.12	39.4	38.6	38.3	3.80	4.06	4.05
Nashua	195.67	200.07	207.41	41.9	40.5	41.4	4.67	4.94	5.01
NEW JERSEY	214.43	232.39	(*)	41.8	42.1	(*)	5.13	5.52	(*)
Atlantic City	153.56	172.54	(*)	35.3	36.4	(*)	4.35	4.74	(*)
Camden ¹	191.92	205.54	(*)	39.9	40.7	(*)	4.81	5.05	(*)
Hackensack ³	205.03	219.60	(*)	40.6	41.2	(*)	5.05	5.33	(*)
Jersey City ³	196.49	206.96	(*)	40.1	39.8	(*)	4.90	5.20	(*)
New Brunswick—Perth Amboy—Sayreville	228.11	242.08	(*)	41.1	41.1	(*)	5.55	5.89	(*)
Newark ³	225.41	243.47	(*)	43.1	43.4	(*)	5.23	5.61	(*)
Paterson—Clifton—Passaic ³	199.20	212.50	(*)	41.5	42.5	(*)	4.80	5.00	(*)
Trenton	245.78	265.45	(*)	45.6	46.9	(*)	5.39	5.66	(*)
NEW MEXICO	155.77	163.63	167.42	41.1	38.5	39.3	3.79	4.25	4.26
Albuquerque	164.59	167.52	175.39	43.2	38.6	32.6	3.81	4.34	5.38
NEW YORK	203.89	217.46	222.15	39.9	39.9	40.1	5.11	5.45	5.54
Albany—Schenectady—Troy	217.15	240.03	240.29	41.6	41.6	41.5	5.22	5.77	5.79
Binghamton	198.17	193.44	195.05	41.2	40.3	40.3	4.81	4.80	4.84
Buffalo	257.71	283.82	293.51	41.3	41.8	42.6	6.24	6.79	6.89
Elmira	192.94	213.06	216.68	39.7	40.2	40.5	4.86	5.30	5.35
Monroe County ⁴	265.64	278.63	292.40	42.3	42.8	43.0	6.28	6.51	6.80
Nassau—Suffolk ⁵	194.89	201.28	202.58	40.1	39.7	39.8	4.86	5.07	5.09
New York—Northeastern New Jersey	197.90	211.33	(*)	39.9	40.1	(*)	4.96	5.27	(*)
New York and Nassau—Suffolk ³	164.70	194.06	196.48	38.4	38.2	38.3	4.81	5.08	5.13
New York SMSA ⁵	182.88	192.53	194.43	38.1	37.9	37.9	4.80	5.08	5.13
New York City ⁶	181.44	189.88	192.51	37.8	37.6	37.6	4.80	5.05	5.12
Poughkeepsie	211.97	232.20	231.68	41.0	43.0	42.2	5.17	5.40	5.49
Rochester	251.58	262.65	276.27	42.0	42.5	42.7	5.99	6.18	6.47
Rockland County ⁶	208.92	220.15	221.45	42.9	42.5	43.0	4.87	5.18	5.15
Syracuse	221.01	237.89	242.28	41.7	41.3	41.7	5.30	5.76	5.81
Utica—Rome	184.17	201.78	204.50	40.3	40.6	40.9	4.57	4.97	5.00
Westchester County ⁶	188.65	210.67	212.00	39.8	39.6	39.7	4.74	5.32	5.34
NORTH CAROLINA	148.19	155.63	158.80	40.6	39.5	39.9	3.65	3.94	3.98
Asheville	144.54	154.33	152.46	40.6	40.4	39.6	3.56	3.82	3.85
Charlotte—Gastonia	149.92	160.74	161.92	41.3	40.9	41.2	3.63	3.93	3.93
Greensboro—Winston-Salem—High Point	158.39	169.09	173.29	40.2	39.6	40.3	3.94	4.27	4.30
Raleigh—Durham	161.60	172.92	179.50	40.0	39.3	39.8	4.04	4.40	4.51
NORTH DAKOTA	185.49	186.80	191.84	40.5	38.2	38.6	4.58	4.89	4.97
Fargo—Moorhead	195.57	205.78	209.09	41.0	38.9	39.6	4.77	5.29	5.28
OHIO	245.86	262.92	266.28	42.1	41.8	42.0	5.84	6.29	6.34
Akron	258.66	265.64	269.66	43.4	42.3	42.6	5.96	6.28	6.33
Canton	231.64	252.70	255.15	39.8	39.3	38.6	5.82	6.43	6.61
Cincinnati	236.26	247.80	253.47	42.8	42.0	42.6	5.52	5.90	5.95
Cleveland	254.49	275.40	281.42	42.7	42.5	42.9	5.96	6.48	6.56
Columbus	228.39	237.15	240.31	41.3	40.4	40.8	5.53	5.87	5.89
Dayton	267.09	279.24	272.85	43.5	43.7	42.5	6.14	6.39	6.42
Toledo	260.58	278.83	281.42	43.0	42.7	42.9	6.06	6.53	6.56
Youngstown—Warren	265.28	292.00	278.76	39.3	40.0	38.4	6.75	7.30	7.26
OKLAHOMA	189.01	200.74	202.37	41.0	40.8	40.8	4.61	4.92	4.96
Okiahoma City	191.82	209.48	212.80	40.9	41.4	41.4	4.69	5.06	5.14
Tulsa	208.38	221.80	222.20	41.1	40.4	40.4	5.07	5.49	5.50
OREGON	224.84	241.15	248.29	38.9	38.4	39.1	5.78	6.28	6.35
Eugene—Springfield	238.00	254.37	(*)	39.8	38.6	(*)	5.98	6.59	(*)
Jackson County	220.60	244.68	238.26	38.1	38.9	37.7	5.79	6.29	6.32
Portland	227.13	239.55	249.55	39.5	38.7	39.8	5.75	6.19	6.27

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

C-13. 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		
	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P
PENNSYLVANIA	\$202.27	\$218.67	\$221.43	39.2	39.4	39.4	\$5.16	\$5.55	\$5.62
Allentown—Bethlehem—Easton	196.45	213.84	215.39	38.9	38.6	38.6	5.05	5.54	5.58
Altoona	157.75	178.31	176.97	36.6	38.1	37.1	4.31	4.68	4.77
Delaware Valley ⁷	216.54	230.58	234.72	40.1	40.1	40.4	5.40	5.75	5.81
Erie	216.84	227.66	235.72	41.7	40.8	41.5	5.20	5.58	5.68
Harrisburg	182.35	198.00	195.28	39.3	39.6	38.9	4.64	5.00	5.02
Johnstown	228.92	237.76	237.00	37.9	37.8	37.5	6.04	6.29	6.32
Lancaster	184.98	201.96	200.57	40.3	41.3	41.1	4.59	4.89	4.88
Northeast Pennsylvania	147.13	154.43	159.13	36.6	35.5	35.6	4.02	4.35	4.47
Philadelphia SMSA	213.33	227.53	(*)	40.1	40.2	(*)	5.32	5.66	(*)
Pittsburgh	240.95	262.01	263.48	39.5	39.4	39.8	6.10	6.65	6.62
Reading	182.82	198.97	198.86	39.4	39.4	39.3	4.64	5.05	5.06
Scranton ⁸	145.60	149.53	153.30	36.4	35.1	35.0	4.00	4.26	4.38
Wilkes-Barre—Hazleton ⁹	146.03	156.28	161.72	36.6	35.6	35.7	3.99	4.39	4.53
Williamsport	179.54	189.37	188.28	39.2	39.7	38.9	4.88	4.77	4.84
York	191.86	202.44	205.87	41.8	42.0	42.1	4.59	4.82	4.89
RHODE ISLAND	157.61	169.15	171.17	39.9	39.8	39.9	3.95	4.25	4.29
Providence—Warwick—Pawtucket	158.40	171.25	172.89	40.0	40.2	40.3	3.96	4.26	4.29
SOUTH CAROLINA ¹	155.25	164.84	169.74	41.4	40.6	41.4	3.75	4.06	4.10
Charleston—North Charleston ¹	180.62	189.20	201.67	42.2	41.4	43.0	4.28	4.57	4.69
Columbia ¹	149.67	161.95	161.48	39.7	39.5	39.1	3.77	4.10	4.13
Greenville—Spartanburg ¹	157.66	163.22	168.51	41.6	40.3	41.1	3.79	4.05	4.10
SOUTH DAKOTA	183.43	187.80	188.07	41.5	40.3	40.1	4.42	4.66	4.69
Sioux Falls	231.55	239.97	236.17	42.1	42.1	41.8	5.50	5.70	5.65
TENNESSEE	166.86	177.89	180.81	41.2	40.8	41.0	4.05	4.36	4.41
Chattanooga	183.18	181.17	188.85	42.7	39.3	40.7	4.29	4.61	4.64
Knoxville	193.39	211.64	217.35	40.8	40.7	41.4	4.74	5.20	5.25
Memphis	199.13	209.09	216.00	41.4	40.6	41.3	4.81	5.15	5.23
Nashville—Davidson	171.50	188.47	192.71	39.7	40.1	40.4	4.32	4.70	4.77
TEXAS	199.50	206.14	212.16	42.0	40.9	41.6	4.75	5.04	5.10
Amarillo	180.20	193.64	194.53	42.5	39.6	39.7	4.24	4.89	4.90
Austin	172.22	175.50	187.17	41.6	41.1	41.5	4.14	4.27	4.51
Beaumont—Port Arthur—Orange	262.03	276.80	280.10	41.2	39.6	39.9	6.36	6.99	7.02
Corpus Christi	212.08	222.30	221.34	41.1	39.0	38.9	5.16	5.70	5.69
Dallas—Fort Worth	186.78	189.07	196.46	41.6	40.4	41.1	4.49	4.68	4.78
El Paso	136.93	141.20	144.87	38.9	35.3	36.4	3.52	4.00	3.98
Galveston—Texas City	314.18	318.66	(*)	45.6	41.6	(*)	6.89	7.66	(*)
Houston	241.11	253.47	256.54	43.6	42.6	42.9	5.53	5.95	5.98
Lubbock	153.85	151.06	155.18	42.5	41.5	42.4	3.62	3.64	3.66
San Antonio	154.94	155.99	160.74	42.8	40.1	40.9	3.62	3.89	3.93
Waco	169.70	190.15	203.43	41.9	41.7	43.1	4.05	4.56	4.72
Wichita Falls	163.44	179.71	180.57	39.1	38.4	38.5	4.18	4.68	4.69
UTAH	157.49	165.98	168.05	38.6	38.6	38.9	4.08	4.30	4.32
Salt Lake City—Ogden	159.53	169.81	172.57	39.1	39.4	39.4	4.08	4.31	4.38
VERMONT	176.81	183.06	192.74	41.8	40.5	41.9	4.23	4.52	4.60
Burlington	210.33	217.77	235.76	43.1	42.7	44.4	4.88	5.10	5.31
Springfield	202.18	194.17	203.62	43.2	40.2	40.4	4.68	4.83	5.04
VIRGINIA	168.50	177.60	180.50	40.8	40.0	40.2	4.13	4.44	4.49
Lynchburg	172.19	184.37	181.25	42.1	40.7	40.1	4.09	4.53	4.52
Norfolk—Virginia Beach—Portsmouth	168.63	195.46	213.87	39.4	40.3	42.1	4.28	4.85	5.08
Northern Virginia ¹⁰	200.99	194.04	196.34	41.7	39.6	40.4	4.82	4.90	4.86
Richmond	203.52	206.65	215.69	42.4	40.6	41.8	4.80	5.09	5.16
Roanoke	145.76	162.00	163.20	39.5	40.1	40.0	3.69	4.04	4.08
WASHINGTON	234.69	254.93	260.57	38.6	39.1	39.6	6.08	6.52	6.58
Seattle—Everett	242.19	262.28	263.74	39.0	39.5	39.6	6.21	6.64	6.66
Spokane	216.07	227.18	226.40	39.5	38.9	38.9	5.47	5.84	5.82
Tacoma	228.92	250.78	253.87	37.9	38.7	38.7	6.04	6.48	6.56
WEST VIRGINIA	203.60	226.29	(*)	40.0	39.7	(*)	5.09	5.70	(*)
Charleston	234.27	263.08	(*)	41.1	41.3	(*)	5.70	6.37	(*)
Huntington—Ashland	229.94	240.34	(*)	40.2	39.4	(*)	5.72	6.10	(*)
Parkersburg—Marietta	227.28	253.78	(*)	41.1	41.4	(*)	5.53	6.13	(*)

See footnotes at end of table.

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

C-13. 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		
	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P	DEC. 1975	NOV. 1976	DEC. 1976P
WEST VIRGINIA—Continued									
Wheeling	\$217.89	\$228.98	(*)	40.5	40.6	(*)	\$5.38	\$5.64	(*)
WISCONSIN									
Appleton—Oshkosh	225.97	242.65	\$244.87	41.1	41.2	41.2	5.50	5.88	\$5.94
Green Bay	216.89	233.00	233.91	41.9	41.8	41.8	5.18	5.58	5.59
Kenosha	238.49	246.81	250.31	43.6	42.8	42.9	5.47	5.77	5.84
La Crosse	236.60	259.50	269.87	35.8	39.4	39.9	6.60	6.58	6.76
Madison	199.16	207.63	221.31	42.8	40.8	43.3	4.66	5.09	5.12
Milwaukee	248.15	261.23	256.75	40.7	40.4	39.9	6.10	6.46	6.43
Racine	246.87	263.16	265.48	41.0	40.8	41.0	6.02	6.45	6.48
WYOMING	240.94	255.88	256.43	40.4	40.6	40.4	5.96	6.31	6.35
WYOMING									
Casper	209.75	226.42	227.26	41.2	40.5	40.8	5.10	5.64	5.57
Cheyenne	251.08	287.30	278.39	41.4	42.5	41.8	6.07	6.76	6.66
.....	220.49	247.05	242.00	40.7	40.5	40.2	5.41	6.10	6.02

¹ Based on 1972 Standard Industrial Classification.

² Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

³ Subarea of New York—Northeastern New Jersey.

⁴ Subarea of Rochester Standard Metropolitan Statistical Area.

⁵ Area included in New York and Nassau—Suffolk combined SMSA's.

⁶ Subarea of New York Standard Metropolitan Statistical Area.

⁷ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

⁸ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

⁹ Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

¹⁰ Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p= preliminary.

* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-1. Labor turnover rates in manufacturing 1965 to date

[Per 100 employees]

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions													
1965	4.3	3.8	3.5	4.0	3.8	4.1	5.6	4.5	5.4	5.5	4.5	3.9	3.1
1966	5.0	4.6	4.2	4.9	4.6	5.1	6.7	5.1	6.4	6.1	5.1	3.9	2.9
1967	4.4	4.3	3.6	3.9	3.9	4.6	5.9	4.7	5.5	5.3	4.7	3.7	2.8
1968	4.6	4.2	3.8	4.0	4.3	4.7	5.9	5.0	5.8	5.7	5.1	3.9	3.1
1969	4.7	4.6	3.9	4.4	4.5	4.8	6.6	5.1	5.6	5.9	4.9	3.6	2.9
1970	4.0	4.0	3.6	3.7	3.7	4.2	5.4	4.4	5.1	4.7	3.8	3.0	2.4
1971	3.9	3.5	3.1	3.5	3.6	4.0	4.9	4.0	5.3	4.8	3.9	3.3	2.5
1972	4.4	4.1	3.7	4.0	4.0	4.9	5.3	4.6	6.0	5.3	4.8	3.6	2.7
1973	4.8	4.6	4.0	4.4	4.5	5.3	5.9	5.1	6.2	5.7	5.2	3.8	2.6
1974	4.2	4.2	3.6	4.0	4.4	5.1	5.4	4.8	5.4	4.9	3.8	2.4	1.8
1975	3.7	3.0	2.7	3.2	3.7	3.9	4.5	4.5	5.1	4.6	3.7	2.8	2.2
1976	3.9 ^p	3.8	3.5	4.2	3.9	4.4	4.8	4.2	5.1	4.4	3.5	3.0	2.2 ^p
New hires													
1965	3.1	2.4	2.4	2.8	2.6	3.0	4.3	3.2	3.9	4.0	3.5	2.9	2.2
1966	3.8	3.2	3.1	3.7	3.6	4.1	5.6	3.9	4.8	4.7	4.2	3.1	2.1
1967	3.3	3.0	2.7	2.8	2.8	3.3	4.6	3.3	4.0	4.1	3.7	2.8	2.0
1968	3.5	3.0	2.7	2.9	3.2	3.6	4.7	3.7	4.3	4.6	4.0	2.9	2.2
1969	3.7	3.3	3.0	3.4	3.5	3.8	5.4	3.9	4.3	4.8	4.0	2.8	2.1
1970	2.8	2.9	2.5	2.6	2.6	2.8	3.9	3.0	3.5	3.4	2.7	1.9	1.4
1971	2.6	2.0	1.9	2.2	2.3	2.7	3.5	2.7	3.4	3.4	2.7	2.2	1.6
1972	3.3	2.6	2.4	2.7	2.9	3.6	4.1	3.4	4.4	4.3	3.8	2.9	2.0
1973	3.9	3.5	3.1	3.5	3.6	4.4	5.0	4.1	5.0	4.7	4.3	3.0	2.0
1974	3.2	3.2	2.7	3.0	3.3	3.9	4.3	3.7	4.2	3.9	2.9	1.7	1.0
1975	2.0	1.3	1.2	1.3	1.6	2.0	2.5	2.6	3.1	3.0	2.4	1.7	1.3
1976	2.6 ^p	2.1	2.1	2.6	2.5	3.0	3.6	2.8	3.5	3.2	2.5	1.9	1.3 ^p
Total separations													
1965	4.1	3.7	3.1	3.4	3.7	3.6	3.6	4.3	5.1	5.6	4.5	3.9	4.1
1966	4.6	4.0	3.6	4.1	4.3	4.3	4.4	5.3	5.8	6.6	4.8	4.3	4.2
1967	4.6	4.5	4.0	4.6	4.3	4.2	4.3	4.8	5.3	6.2	4.7	4.0	3.9
1968	4.6	4.4	3.9	4.1	4.1	4.3	4.1	5.0	6.0	6.3	5.0	4.1	3.8
1969	4.9	4.5	4.0	4.4	4.5	4.6	4.6	5.3	6.2	6.6	5.4	4.3	4.2
1970	4.8	4.8	4.3	4.4	4.8	4.6	4.4	5.3	5.6	6.0	5.3	4.3	4.1
1971	4.2	4.2	3.5	3.7	3.9	3.7	3.8	4.8	5.5	5.3	4.3	3.7	3.8
1972	4.2	4.0	3.5	3.8	3.8	3.9	4.2	4.8	5.4	5.3	4.3	3.7	3.7
1973	4.6	4.3	3.7	4.2	4.1	4.4	4.5	5.1	6.5	5.7	4.9	4.2	3.9
1974	4.8	4.9	4.0	4.4	4.2	4.4	4.2	4.9	6.1	5.4	5.0	5.0	5.2
1975	4.2	6.2	4.5	4.2	4.0	3.9	3.6	4.4	4.6	4.3	4.0	3.5	3.4
1976	3.8 ^p	3.7	3.1	3.5	3.5	3.4	3.5	4.3	4.9	4.6	4.1	3.4	3.4 ^p
Quits													
1965	1.9	1.4	1.3	1.5	1.7	1.7	1.7	1.8	2.6	3.5	2.2	1.7	1.4
1966	2.6	1.9	1.8	2.3	2.5	2.5	2.5	2.5	3.6	4.5	2.8	2.1	1.7
1967	2.3	2.1	1.9	2.1	2.2	2.2	2.3	2.1	3.2	4.0	2.5	1.9	1.5
1968	2.5	2.0	1.9	2.1	2.2	2.4	2.3	2.4	3.8	4.2	2.8	2.1	1.6
1969	2.7	2.3	2.1	2.4	2.6	2.7	2.6	2.7	4.0	4.4	3.0	2.1	1.6
1970	2.1	2.1	1.9	2.0	2.1	2.1	2.1	2.1	3.0	3.3	2.1	1.4	1.2
1971	1.8	1.5	1.3	1.5	1.6	1.7	1.8	1.8	2.8	2.9	2.0	1.5	1.2
1972	2.2	1.7	1.6	1.9	2.0	2.2	2.2	2.2	3.6	3.5	2.5	1.9	1.6
1973	2.7	2.2	2.1	2.5	2.5	2.7	2.8	2.8	4.5	3.9	3.0	2.2	1.6
1974	2.3	2.2	1.9	2.3	2.4	2.6	2.5	2.5	4.0	3.2	2.2	1.4	.9
1975	1.4	1.1	.9	1.0	1.1	1.3	1.3	1.5	2.4	2.0	1.6	1.2	.9
1976	1.7 ^p	1.3	1.2	1.5	1.6	1.7	1.8	1.8	2.8	2.4	1.7	1.2	1.0 ^p
Layoffs													
1965	1.4	1.6	1.2	1.2	1.3	1.1	1.1	1.8	1.6	1.3	1.4	1.5	1.9
1966	1.2	1.3	1.0	1.0	1.0	.9	1.0	2.0	1.1	1.0	1.1	1.3	1.7
1967	1.4	1.5	1.3	1.5	1.3	1.1	1.1	1.9	1.2	1.2	1.3	1.3	1.6
1968	1.2	1.5	1.2	1.1	1.0	1.0	.9	1.8	1.3	1.1	1.2	1.2	1.4
1969	1.2	1.2	1.0	1.0	.9	.9	.9	1.6	1.1	1.1	1.3	1.3	1.8
1970	1.8	1.7	1.5	1.6	1.7	1.5	1.5	2.3	1.7	1.7	2.2	2.1	2.2
1971	1.6	1.9	1.4	1.4	1.4	1.4	1.2	2.1	1.8	1.5	1.5	1.5	1.8
1972	1.1	1.4	1.1	1.1	1.0	.8	1.1	1.7	.9	.9	.9	1.0	1.3
1973	.9	1.0	.7	.8	.7	.6	.6	1.4	.8	.7	.8	1.1	1.5
1974	1.5	1.7	1.2	1.1	.9	.8	.8	1.4	1.1	1.2	1.8	2.8	3.6
1975	2.1	4.1	2.9	2.5	2.1	1.8	1.5	2.0	1.3	1.4	1.6	1.7	1.9
1976	1.3 ^p	1.6	1.1	1.1	1.1	.9	.9	1.6	1.1	1.3	1.5	1.5	1.7 ^p

p=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	
		Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p
-	MANUFACTURING	3.0	2.2	1.9	1.3	3.4	3.4	1.2	1.0	1.5	1.7
19,24,25,32-39	DURABLE GOODS	2.7	2.1	1.7	1.2	3.1	2.9	1.0	.8	1.4	1.4
20-23,26-31	NONDURABLE GOODS	3.4	2.4	2.2	1.5	3.9	4.1	1.5	1.3	1.7	2.2
	DURABLE GOODS										
19	ORDNANCE AND ACCESSORIES	1.7	-	.8	-	1.2	-	.3	-	.6	-
192	Ammunition, except for small arms	1.9	-	.8	-	1.1	-	.3	-	.5	-
24	LUMBER AND WOOD PRODUCTS	3.6	3.0	2.9	2.2	4.7	4.6	2.1	1.8	1.8	2.1
242	Sawmills and planing mills	3.1	-	2.6	-	4.1	-	2.0	-	1.3	-
2421	Sawmills and planing mills, general	2.9	-	2.4	-	3.8	-	1.8	-	1.3	-
243	Millwork, plywood and related products	4.0	-	3.1	-	4.4	-	2.0	-	1.6	-
2431	Millwork	3.8	-	3.1	-	4.4	-	2.0	-	1.5	-
2432	Veneer and plywood	3.0	-	2.5	-	2.7	-	1.7	-	.4	-
244	Wooden containers	5.3	-	4.3	-	7.0	-	3.5	-	2.6	-
2441,2	Wooden boxes, shooks, and crates	4.2	-	3.8	-	5.1	-	2.9	-	1.3	-
249	Miscellaneous wood products	4.3	-	3.3	-	4.8	-	2.4	-	1.4	-
25	FURNITURE AND FIXTURES	4.3	2.6	3.2	2.0	4.4	4.0	2.2	1.7	1.4	1.6
251	Household furniture	4.5	-	3.4	-	4.6	-	2.5	-	1.3	-
2511	Wood household furniture	4.8	-	3.6	-	4.8	-	2.6	-	1.3	-
2512	Upholstered household furniture	3.7	-	3.2	-	4.2	-	2.5	-	1.0	-
2515	Mattresses and bedsprings	2.7	-	1.5	-	4.6	-	1.6	-	2.0	-
252	Office furniture	3.0	-	2.6	-	2.6	-	1.0	-	.8	-
32	STONE, CLAY, AND GLASS PRODUCTS	2.3	2.2	1.6	1.2	3.8	4.9	1.1	.9	1.9	3.4
321	Flat glass	1.8	-	.8	-	1.9	-	.2	-	1.0	-
322	Glass and glassware, pressed or blown	1.4	-	.7	-	3.2	-	.7	-	1.8	-
3221	Glass containers	1.4	-	.8	-	3.0	-	.9	-	1.6	-
3229	Pressed and blown glass, nec	1.4	-	.6	-	3.5	-	.4	-	2.1	-
324	Cement, hydraulic	.5	-	.4	-	2.3	-	.2	-	1.5	-
325	Structural clay products	3.3	-	2.2	-	5.1	-	2.0	-	2.3	-
3251	Brick and structural clay tile	4.0	-	3.2	-	7.6	-	3.3	-	3.5	-
326	Pottery and related products	2.0	-	1.3	-	3.9	-	1.0	-	2.1	-
3291	Abrasive products	2.2	-	1.8	-	2.6	-	.9	-	.8	-
33	PRIMARY METAL INDUSTRIES	2.2	2.0	.7	.5	3.2	2.6	.4	.4	2.1	1.7
331	Blast furnace and basic steel products	2.7	-	.2	-	4.3	-	.2	-	3.4	-
3312	Blast furnaces and steel mills	2.8	-	.1	-	4.5	-	.1	-	3.6	-
332	Iron and steel foundries	2.0	-	1.1	-	2.4	-	.8	-	.9	-
3321	Gray iron foundries	1.8	-	1.2	-	2.3	-	.9	-	.7	-
3322	Malleable iron foundries	3.2	-	1.6	-	3.1	-	.6	-	1.7	-
3323	Steel foundries	2.1	-	.9	-	2.6	-	.6	-	1.3	-
333,4	Nonferrous metals	1.4	-	.9	-	1.5	-	.5	-	.5	-
335	Nonferrous rolling and drawing	1.3	-	.7	-	1.8	-	.4	-	.8	-
3351	Copper rolling and drawing	1.1	-	.8	-	2.1	-	.4	-	1.1	-
3352	Aluminum rolling and drawing	1.4	-	.6	-	1.5	-	.2	-	.8	-
3357	Nonferrous wire drawing, and insulating	1.3	-	.6	-	1.9	-	.4	-	.9	-
336	Nonferrous foundries	3.4	-	2.4	-	4.0	-	1.4	-	1.7	-
3361	Aluminum castings	3.9	-	2.7	-	3.9	-	1.5	-	1.7	-
3362,9	Other nonferrous castings	2.9	-	2.0	-	4.1	-	1.4	-	1.7	-
339	Miscellaneous primary metal products	1.4	-	.8	-	1.9	-	.5	-	.9	-
3391	Iron and steel forgings	1.3	-	.6	-	1.9	-	.4	-	1.0	-
34	FABRICATED METAL PRODUCTS	3.2	-	2.1	-	3.5	-	1.1	-	1.6	-
341	Metal cans	4.4	-	.5	-	7.2	-	.4	-	5.4	-
342	Cutlery, hand tools, and hardware	2.3	-	1.9	-	2.6	-	1.0	-	.8	-
3421,3,5	Cutlery and hand tools, incl. saws	2.7	-	2.3	-	2.5	-	1.1	-	.8	-
3429	Hardware, nec	2.1	-	1.7	-	2.6	-	1.0	-	.8	-
343	Plumbing and heating, except electric	2.6	-	2.1	-	2.6	-	1.0	-	.9	-
3431,2	Sanitary ware and plumbers' brass goods	2.9	-	2.4	-	3.0	-	1.0	-	1.1	-
3433	Heating equipment, except electric	2.4	-	1.9	-	2.3	-	1.0	-	.8	-
344	Fabricated structural metal products	3.1	-	2.2	-	3.6	-	1.3	-	1.6	-
3441	Fabricated structural steel	3.0	-	2.1	-	4.1	-	1.4	-	2.0	-
3443	Fabricated plate work (boiler shops)	1.6	-	1.3	-	2.3	-	.7	-	1.1	-
3446,9	Architectural and misc. metal work	2.4	-	1.7	-	4.2	-	1.3	-	1.8	-
345	Screw machine products, bolts, etc.	2.4	-	2.1	-	2.3	-	1.1	-	.7	-
3452	Bolts, nuts, rivets, and washers	1.9	-	1.5	-	2.1	-	.9	-	.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-2. Labor turnover rates, by industry—Continued

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Nov. 1976	Dec. 1976 ^P	Nov. 1976	Dec. 1976 ^P	Nov. 1976	Dec. 1976 ^P	Nov. 1976	Dec. 1976 ^P	Nov. 1976	Dec. 1976 ^P
	DURABLE GOODS — Continued										
	FABRICATED METAL PRODUCTS — Continued										
346	Metal stampings	3.2	-	1.7	-	2.7	-	0.9	-	1.2	-
348	Miscellaneous fabricated wire products	2.9	-	2.2	-	3.4	-	1.5	-	1.2	-
349	Miscellaneous fabricated metal products	2.4	-	1.8	-	2.5	-	1.0	-	.7	-
349,8	Valves, pipe, and pipe fittings	2.3	-	1.6	-	2.0	-	.8	-	.6	-
35	MACHINERY, EXCEPT ELECTRICAL	2.4	2.0	1.5	1.2	2.1	2.0	.7	0.6	.9	0.8
351	Engines and turbines	1.4	-	.5	-	1.5	-	.2	-	.6	-
3511	Steam engines and turbines	1.2	-	.5	-	.9	-	.2	-	(^b)	-
3519	Internal combustion engines, nec	1.5	-	.6	-	1.9	-	.3	-	.9	-
352	Farm machinery	2.3	-	1.4	-	2.2	-	.8	-	.8	-
353	Construction and related machinery	3.2	-	1.1	-	3.7	-	.6	-	2.5	-
3531,2	Construction and mining machinery	4.3	-	.8	-	5.2	-	.5	-	4.2	-
3533	Oil field machinery	1.9	-	1.4	-	2.0	-	1.0	-	.4	-
3535,6	Conveyors, hoists, cranes, monorails	1.6	-	1.3	-	2.0	-	.7	-	.8	-
354	Metal working machinery	2.4	-	1.7	-	1.9	-	.7	-	.7	-
3541	Machine tools, metal cutting types	1.5	-	1.2	-	1.0	-	.5	-	.1	-
3545	Machine tool accessories	1.7	-	1.3	-	2.2	-	.6	-	1.1	-
3542,8	Miscellaneous metal working machinery	2.3	-	1.2	-	1.6	-	.6	-	.5	-
355	Special industry machinery	1.9	-	1.3	-	1.6	-	.7	-	.5	-
3551	Food products machinery	2.0	-	1.1	-	1.3	-	.5	-	.3	-
3552	Textile machinery	2.1	-	1.4	-	2.1	-	.8	-	.7	-
356	General industrial machinery	1.8	-	1.3	-	1.7	-	.6	-	.5	-
3561	Pumps and compressors	1.7	-	1.1	-	1.6	-	.5	-	.5	-
3562	Ball and roller bearings	1.3	-	.9	-	1.6	-	.4	-	.6	-
3566	Power transmission equipment	2.0	-	1.4	-	1.5	-	.6	-	.4	-
357	Office and computing machines	2.3	-	1.7	-	1.4	-	.6	-	.2	-
3573	Electronic computing equipment	2.4	-	1.8	-	1.4	-	.6	-	.1	-
358	Service industry machines	2.2	-	1.6	-	1.9	-	.8	-	.5	-
3585	Refrigeration machinery	2.0	-	1.3	-	1.9	-	.7	-	.5	-
36	ELECTRICAL EQUIPMENT AND SUPPLIES	2.4	-	1.5	-	2.5	-	.9	-	.8	-
361	Electric test and distributing equipment	2.4	-	1.7	-	2.3	-	1.0	-	.8	-
3611	Electric measuring instruments	2.6	-	2.3	-	2.1	-	1.3	-	.3	-
3612	Transformers	3.1	-	1.9	-	3.5	-	1.0	-	1.6	-
3613	Switchgear and switchboard apparatus	1.8	-	1.1	-	1.9	-	.7	-	.6	-
362	Electrical industrial apparatus	2.0	-	1.3	-	2.0	-	.7	-	.7	-
3621	Motors and generators	2.0	-	1.3	-	2.2	-	.6	-	.9	-
3622	Industrial controls	1.8	-	1.2	-	2.1	-	.7	-	.7	-
363	Household appliances	3.1	-	1.4	-	3.8	-	1.0	-	1.7	-
3632	Household refrigerators and freezers	4.9	-	.2	-	3.9	-	.4	-	1.7	-
3633	Household laundry equipment	3.3	-	2.0	-	4.8	-	.4	-	3.7	-
3634	Electric housewares and fans	2.6	-	1.6	-	4.8	-	1.8	-	2.3	-
364	Electric lighting and wiring equipment	2.3	-	1.6	-	2.4	-	1.1	-	.7	-
3641	Electric lamps	1.3	-	.8	-	1.7	-	.5	-	.3	-
3642	Lighting fixtures	2.6	-	1.8	-	2.7	-	1.4	-	.6	-
3643,4	Wiring devices	2.5	-	1.8	-	2.5	-	1.1	-	.8	-
365	Radio and TV receiving equipment	2.9	-	1.4	-	5.2	-	1.2	-	2.5	-
366	Communication equipment	1.8	-	1.1	-	1.3	-	.5	-	.3	-
3661	Telephone and telegraph apparatus	1.4	-	.7	-	.9	-	.4	-	.1	-
3662	Radio and TV communication equipment	2.0	-	1.3	-	1.5	-	.6	-	.4	-
367	Electronic components and accessories	2.8	-	2.0	-	2.8	-	1.2	-	.8	-
3671,3	Electron tubes	2.5	-	1.1	-	3.4	-	.5	-	1.7	-
3674,9	Other electronic components	2.9	-	2.1	-	2.7	-	1.2	-	.7	-
369	Miscellaneous electrical equipment and supplies	1.9	-	1.3	-	1.7	-	.7	-	.5	-
3694	Engine electrical equipment	1.4	-	.8	-	1.5	-	.5	-	.5	-
37	TRANSPORTATION EQUIPMENT	2.9	-	1.6	-	3.1	-	.9	-	1.5	-
371	Motor vehicles and equipment	2.1	-	.9	-	2.3	-	.6	-	1.1	-
3711	Motor vehicles	1.6	-	.6	-	2.1	-	.6	-	1.0	-
3712	Passenger car bodies	1.1	-	.2	-	1.2	-	.2	-	.3	-
3713	Truck and bus bodies	3.0	-	1.8	-	3.7	-	1.4	-	1.7	-
3714	Motor vehicle parts and accessories	2.3	-	.9	-	2.5	-	.5	-	1.2	-
372	Aircraft and parts	1.5	-	.9	-	1.4	-	.4	-	.6	-
3721	Aircraft	1.4	-	.8	-	1.4	-	.4	-	.6	-
3722	Aircraft engines and engine parts	1.2	-	.7	-	.8	-	.2	-	.2	-
3723,9	Other aircraft parts and equipment	2.1	-	1.4	-	2.3	-	.7	-	1.1	-
373	Ship and boat building and repairing	6.6	-	4.1	-	6.6	-	1.9	-	3.7	-
3731	Ship building and repairing	6.8	-	3.8	-	7.3	-	1.6	-	4.6	-
374	Railroad equipment	5.7	-	.7	-	2.3	-	.3	-	1.3	-
375,9	Other transportation equipment	7.0	-	4.4	-	8.8	-	2.8	-	4.5	-

See footnotes at end of table.

ESTABLISHMENT DATA LABOR TURNOVER

D-2. Labor turnover rates, by industry—Continued

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates						
		Total		New hires		Total		Quits		Layoffs		
		Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p	
	DURABLE GOODS — Continued											
38	INSTRUMENTS AND RELATED PRODUCTS	2.1	1.5	1.7	1.1	1.8	1.6	0.9	0.7	0.4	0.4	
381	Engineering and scientific instruments	1.6	-	1.3	-	1.5	-	.7	-	.5	-	
382	Mechanical measuring and control devices	2.7	-	1.9	-	2.1	-	.9	-	.4	-	
3821	Mechanical measuring devices	2.5	-	1.9	-	1.5	-	.8	-	.2	-	
3822	Automatic temperature controls	3.2	-	1.9	-	3.1	-	1.1	-	.9	-	
383,5	Optical and ophthalmic goods	2.6	-	2.2	-	2.0	-	1.1	-	.5	-	
384	Medical instruments and supplies	2.6	-	2.3	-	2.1	-	1.2	-	.3	-	
386	Photographic equipment and supplies	.9	-	.7	-	.9	-	.4	-	.1	-	
387	Watches, clocks, and watchcases	3.2	-	1.9	-	3.5	-	1.3	-	1.1	-	
39	MISCELLANEOUS MANUFACTURING INDUSTRIES	3.6	2.5	2.9	1.8	6.1	6.7	1.9	1.6	3.4	4.4	
391	Jewelry, silverware, and plated ware	3.3	-	2.8	-	3.6	-	2.0	-	.9	-	
394	Toys and sporting goods	3.9	-	2.9	-	11.6	-	2.0	-	8.1	-	
3941-3	Games, toys, dolls and play vehicles	2.9	-	2.2	-	17.4	-	2.1	-	13.3	-	
3949	Sporting and athletic goods, nec	5.1	-	3.7	-	4.6	-	1.9	-	1.9	-	
395	Pens, pencils, office and art supplies	3.4	-	3.2	-	3.4	-	1.6	-	1.2	-	
396	Costume jewelry and notions	4.7	-	4.0	-	5.1	-	2.9	-	1.5	-	
393,9	Other manufacturing industries	3.1	-	2.4	-	3.6	-	1.4	-	1.6	-	
	NONDURABLE GOODS											
20	FOOD AND KINDRED PRODUCTS	4.5	3.1	2.8	1.9	5.7	5.7	2.0	1.6	2.9	3.5	
201	Meat products	5.8	-	4.2	-	5.4	-	3.2	-	1.1	-	
2011	Meat packing plants	4.9	-	2.7	-	3.9	-	1.5	-	1.3	-	
2015	Poultry dressing plants	8.3	-	7.4	-	8.9	-	6.9	-	.9	-	
204	Grain mill products	2.9	-	2.4	-	3.6	-	1.5	-	1.5	-	
2041	Flour and other grain mill products	2.6	-	1.9	-	2.4	-	1.1	-	.6	-	
2042	Prepared feeds for animals and fowls	3.8	-	3.4	-	4.3	-	2.2	-	1.4	-	
205	Bakery products	2.2	-	1.8	-	2.5	-	1.2	-	.8	-	
2051	Bread, cake, and related products	2.1	-	1.9	-	2.0	-	1.3	-	.3	-	
2052	Cookies and crackers	2.3	-	1.6	-	4.8	-	.9	-	3.3	-	
207	Confectionery and related products	4.2	-	2.1	-	5.2	-	1.5	-	3.2	-	
2071	Confectionery products	4.9	-	2.5	-	6.0	-	1.8	-	3.7	-	
208	Beverages	3.6	-	2.0	-	3.9	-	1.3	-	1.8	-	
2082	Malt liquors	3.4	-	.8	-	3.9	-	.3	-	3.0	-	
21	TOBACCO MANUFACTURES	8.0	-	1.5	-	2.2	-	.5	-	1.1	-	
211	Cigarettes	1.6	-	.8	-	.9	-	.2	-	(¹)	-	
212	Cigars	2.4	-	1.7	-	2.9	-	1.6	-	.9	-	
22	TEXTILE MILL PRODUCTS	3.4	2.7	2.4	1.7	3.9	3.8	1.9	1.5	1.2	1.5	
221	Weaving mills, cotton	3.2	-	2.2	-	3.2	-	2.0	-	.4	-	
222	Weaving mills, synthetics	3.2	-	2.8	-	3.3	-	2.1	-	.5	-	
223	Weaving and finishing mills, wool	4.1	-	2.1	-	3.5	-	1.7	-	1.2	-	
224	Narrow fabric mills	3.2	-	2.3	-	5.2	-	2.0	-	2.5	-	
225	Knitting mills	3.8	-	2.5	-	4.5	-	1.7	-	2.0	-	
2251	Women's hosiery, except socks	3.4	-	2.7	-	3.3	-	1.8	-	.9	-	
2252	Hosiery, nec	2.9	-	2.2	-	2.9	-	1.9	-	.6	-	
2254	Knit underwear mills	3.4	-	2.4	-	2.8	-	1.7	-	.4	-	
226	Textile finishing, except wool	2.5	-	1.5	-	3.6	-	1.2	-	1.5	-	
227	Floor covering mills	2.7	-	2.0	-	3.7	-	1.5	-	1.6	-	
228	Yarn and thread mills	4.1	-	3.3	-	4.3	-	2.6	-	.7	-	
229	Miscellaneous textile goods	3.1	-	2.0	-	3.6	-	1.3	-	1.2	-	
23	APPAREL AND OTHER TEXTILE PRODUCTS	4.3	2.9	2.7	1.5	5.4	6.0	2.1	1.6	2.5	3.7	
231	Men's and boys' suits and coats	3.4	-	2.1	-	4.0	-	1.3	-	1.9	-	
232	Men's and boys' furnishings	3.6	-	2.6	-	5.1	-	2.5	-	1.9	-	
2321	Men's and boys' shirts and nightwear	3.1	-	2.2	-	4.5	-	2.2	-	1.5	-	
2327	Men's and boys' separate trousers	2.8	-	2.4	-	3.7	-	2.3	-	.9	-	
2328	Men's and boys' work clothing	4.8	-	3.7	-	4.8	-	3.4	-	.7	-	
234	Women's and children's undergarments	3.6	-	2.3	-	4.4	-	2.4	-	1.2	-	
2341	Women's and children's underwear	3.6	-	2.4	-	4.8	-	2.7	-	1.2	-	
2342	Corsets and allied garments	3.6	-	2.2	-	3.4	-	1.7	-	.9	-	
26	PAPER AND ALLIED PRODUCTS	2.0	1.7	1.3	.9	2.6	2.4	.8	.7	1.2	1.2	
261,2,6	Paper and pulp mills	1.3	-	.7	-	1.6	-	.4	-	.7	-	
263	Paperboard mills	1.3	-	1.0	-	1.7	-	.5	-	.7	-	

See footnotes at end of table.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-2. Labor turnover rates, by industry—Continued

[Per 100 employees]

SIC Code	Industry	Accession rates				Separation rates					
		Total		New hires		Total		Quits		Layoffs	
		Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p	Nov. 1976	Dec. 1976 ^p
	NONDURABLE GOODS—Continued										
	PAPER AND ALLIED PRODUCTS—Continued										
264	Miscellaneous converted paper products	2.4	-	1.7	-	3.3	-	1.0	-	1.6	-
2643	Bags, except textile bags	2.8	-	2.4	-	3.4	-	1.1	-	1.5	-
265	Paperboard containers and boxes	2.5	-	1.6	-	3.1	-	1.0	-	1.4	-
2651,2	Folding and setup paperboard boxes	2.7	-	1.9	-	3.6	-	1.0	-	1.8	-
2653	Corrugated and solid fiber boxes	2.2	-	1.4	-	2.5	-	1.0	-	.9	-
27	PRINTING AND PUBLISHING	2.7	2.0	2.1	1.5	2.6	3.2	1.4	1.3	.8	1.3
28	CHEMICALS AND ALLIED PRODUCTS	1.3	1.1	1.0	.8	1.4	1.5	.4	.4	.5	.6
281	Industrial chemicals	1.1	-	.8	-	.8	-	.3	-	.2	-
282	Plastics materials and synthetics	1.1	-	.6	-	1.4	-	.3	-	.8	-
2821	Plastics materials and resins	1.3	-	.9	-	1.0	-	.3	-	.2	-
2823,4	Synthetic fibers	.8	-	.2	-	2.0	-	.3	-	1.3	-
283	Drugs	1.4	-	1.2	-	1.1	-	.5	-	.2	-
2834	Pharmaceutical preparations	1.5	-	1.2	-	1.1	-	.5	-	.2	-
284	Soap, cleaners, and toilet goods	1.8	-	1.3	-	2.9	-	.7	-	1.4	-
2841	Soap and other detergents	1.1	-	.7	-	1.5	-	.4	-	.5	-
2844	Toilet preparations	2.0	-	1.5	-	4.1	-	.9	-	2.2	-
285	Paints and allied products	1.1	-	.9	-	2.4	-	.9	-	1.0	-
286,9	Other chemical products	2.0	-	1.6	-	1.4	-	.6	-	.3	-
29	PETROLEUM AND COAL PRODUCTS	1.6	1.7	1.4	1.1	2.2	2.5	.4	.4	1.3	1.6
291	Petroleum refining	1.4	-	1.2	-	1.4	-	.3	-	.7	-
295,9	Other petroleum and coal products	2.3	-	1.9	-	4.9	-	1.0	-	3.1	-
30	RUBBER AND PLASTICS PRODUCTS, NEC	3.6	2.6	2.5	1.8	3.7	3.7	1.5	1.3	1.3	1.6
301	Tires and inner tubes	1.7	-	1.0	-	1.1	-	.3	-	.1	-
302,3,6	Other rubber products	3.0	-	2.1	-	3.3	-	1.4	-	1.0	-
307	Miscellaneous plastics products	4.5	-	3.2	-	4.8	-	2.0	-	1.9	-
31	LEATHER AND LEATHER PRODUCTS	4.8	3.4	3.0	2.2	5.7	6.3	2.6	2.1	2.0	3.2
311	Leather tanning and finishing	3.8	-	1.9	-	4.6	-	1.3	-	2.4	-
314	Footwear, except rubber	5.1	-	3.1	-	5.8	-	3.0	-	1.9	-
	NONMANUFACTURING										
10	METAL MINING	2.5	1.8	1.9	1.4	2.2	2.7	.8	.8	.8	1.3
101	Iron ores	2.2	-	1.0	-	2.6	-	.2	-	2.0	-
102	Copper ores	1.8	-	1.4	-	1.6	-	.7	-	.3	-
11,12	COAL MINING	1.9	1.6	1.5	.8	1.6	1.0	.7	.6	.4	(¹)
12	Bituminous coal and lignite mining	1.9	-	1.5	-	1.6	-	.7	-	.5	-
481	COMMUNICATION: Telephone communication	.6	-	-	-	.5	-	.2	-	.1	-
482	Telegraph communication ²	(³)	-	-	-	(³)	-	(³)	-	(³)	-

¹ Less than 0.05.

² Data relate to all employees except messengers.

³ Not available.

p = preliminary.

ESTABLISHMENT DATA

SEASONALLY ADJUSTED LABOR TURNOVER

D-3. Labor turnover rates in manufacturing, 1965 to date, seasonally adjusted

[Per 100 employees]

Year	Jan.	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Total accessions												
1965	4.1	4.2	4.3	4.1	4.1	4.2	4.2	4.3	4.5	4.4	4.7	4.9
1966	4.9	5.0	5.3	5.1	5.0	4.9	4.9	5.0	5.0	4.9	4.7	4.7
1967	4.5	4.4	4.3	4.3	4.4	4.5	4.4	4.3	4.4	4.4	4.5	4.6
1968	4.4	4.4	4.6	4.6	4.6	4.5	4.5	4.7	4.6	4.8	4.9	4.9
1969	4.9	4.8	4.9	4.9	4.7	5.0	4.7	4.5	4.7	4.6	4.5	4.6
1970	4.4	4.4	4.0	4.0	4.1	4.1	4.1	3.9	3.9	3.8	3.7	3.8
1971	3.8	3.7	3.7	3.8	3.8	3.8	3.8	4.0	4.0	3.9	4.0	4.2
1972	4.3	4.3	4.4	4.3	4.4	4.2	4.3	4.4	4.4	4.5	4.5	4.9
1973	5.0	5.1	5.0	4.8	4.7	4.6	4.6	4.7	4.6	4.8	4.9	4.7
1974	4.6	4.5	4.5	4.6	4.6	4.3	4.3	4.1	3.9	3.6	3.1	3.1
1975	3.1	3.2	3.2	3.7	3.6	3.7	4.0	3.9	3.8	3.7	3.7	3.9
1976	4.1	4.2	4.4	4.1	4.0	3.8	3.8	3.8	3.6	3.5	3.8	4.0 ^P
1977												
New hires												
1965	2.9	3.0	3.1	2.9	2.9	3.0	3.0	3.1	3.1	3.3	3.5	3.7
1966	3.7	3.8	4.1	4.0	4.0	3.9	3.8	3.7	3.7	3.9	3.7	3.6
1967	3.4	3.4	3.2	3.1	3.1	3.3	3.2	3.1	3.3	3.3	3.4	3.5
1968	3.3	3.3	3.4	3.5	3.5	3.4	3.4	3.5	3.6	3.6	3.6	3.7
1969	3.7	3.8	3.9	3.8	3.7	3.9	3.6	3.5	3.7	3.6	3.5	3.5
1970	3.4	3.2	2.9	2.8	2.7	2.8	2.8	2.7	2.6	2.5	2.4	2.4
1971	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.5	2.7	2.9
1972	3.0	3.0	3.1	3.2	3.2	3.1	3.2	3.2	3.4	3.4	3.6	3.8
1973	4.0	4.2	4.1	3.9	3.9	3.8	3.7	3.7	3.6	3.8	3.9	3.8
1974	3.7	3.6	3.6	3.6	3.5	3.3	3.3	3.1	2.9	2.6	2.2	1.9
1975	1.6	1.6	1.5	1.7	1.8	1.9	2.3	2.3	2.2	2.2	2.2	2.5
1976	2.6	2.8	3.0	2.8	2.7	2.7	2.5	2.5	2.4	2.3	2.4	2.5 ^P
1977												
Total separations												
1965	3.8	3.8	3.8	4.0	4.0	4.0	3.9	4.4	4.1	4.3	4.3	4.5
1966	4.3	4.3	4.5	4.5	4.6	4.7	4.9	4.8	4.6	4.6	4.8	4.9
1967	4.8	4.9	4.9	4.7	4.6	4.6	4.5	4.3	4.5	4.5	4.4	4.5
1968	4.7	4.6	4.5	4.5	4.4	4.5	4.6	4.7	4.7	4.6	4.6	4.6
1969	4.6	4.9	4.9	4.8	4.8	5.0	4.8	4.9	4.9	5.0	4.9	4.9
1970	5.0	5.2	4.9	5.2	5.0	4.8	4.5	4.8	4.8	5.0	4.7	4.4
1971	4.3	4.1	4.0	4.1	4.2	4.1	4.2	4.6	4.3	4.1	4.1	4.1
1972	4.2	4.1	4.0	4.3	4.2	4.5	4.4	4.1	4.0	4.2	4.2	4.5
1973	4.5	4.6	4.6	4.5	4.6	4.6	4.7	4.6	4.5	4.7	4.7	4.7
1974	4.9	4.9	4.8	4.7	4.6	4.6	4.5	4.5	4.5	4.9	5.1	4.9
1975	5.2	5.0	4.5	4.4	4.6	4.3	3.9	3.8	3.9	3.8	3.8	3.6
1976	3.5	3.6	3.8	3.8	3.8	3.9	3.9	4.0	4.1	4.0	3.6	3.6 ^P
1977												
Quits												
1965	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9	2.0	2.0	2.1	2.2
1966	2.3	2.3	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7
1967	2.5	2.5	2.4	2.4	2.3	2.4	2.2	2.2	2.3	2.3	2.3	2.4
1968	2.4	2.4	2.4	2.4	2.4	2.4	2.5	2.6	2.6	2.5	2.6	2.6
1969	2.7	2.8	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.6	2.6
1970	2.5	2.5	2.3	2.3	2.1	2.1	2.1	2.0	2.0	1.9	1.8	1.9
1971	1.8	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
1972	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.4	2.6
1973	2.7	2.9	2.8	2.8	2.7	2.7	2.8	2.7	2.6	2.8	2.8	2.7
1974	2.7	2.7	2.7	2.7	2.6	2.5	2.4	2.3	2.1	2.0	1.8	1.6
1975	1.4	1.3	1.2	1.2	1.3	1.3	1.4	1.4	1.3	1.4	1.6	1.6
1976	1.6	1.7	1.8	1.8	1.7	1.8	1.7	1.7	1.6	1.5	1.5	1.7 ^P
1977												
Layoffs												
1965	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.7	1.4	1.4	1.4	1.4
1966	1.2	1.1	1.1	1.1	1.1	1.2	1.5	1.2	1.0	1.1	1.2	1.3
1967	1.4	1.5	1.6	1.5	1.4	1.3	1.4	1.3	1.3	1.3	1.2	1.2
1968	1.4	1.3	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.1	1.1
1969	1.0	1.1	1.1	1.0	1.1	1.3	1.1	1.2	1.2	1.3	1.3	1.4
1970	1.5	1.7	1.8	1.9	1.9	1.9	1.6	1.9	1.9	2.2	2.0	1.7
1971	1.7	1.5	1.5	1.5	1.6	1.5	1.5	2.0	1.7	1.5	1.4	1.3
1972	1.2	1.2	1.1	1.2	1.1	1.4	1.3	1.1	1.0	1.0	.9	.9
1973	.8	.7	.8	.8	.8	.8	1.1	.9	.9	.9	.9	1.0
1974	1.3	1.2	1.1	1.0	1.1	1.2	1.2	1.3	1.5	2.0	2.4	2.4
1975	2.9	2.9	2.6	2.4	2.5	2.2	1.7	1.6	1.8	1.7	1.5	1.3
1976	1.1	1.0	1.1	1.2	1.3	1.3	1.4	1.4	1.7	1.6	1.3	1.1 ^P
1977												

p=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	
	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P
ALABAMA:										
Birmingham	2.0	2.5	1.1	0.8	3.9	1.8	1.0	0.5	2.4	0.7
Mobile ¹	6.5	4.2	3.3	1.3	7.4	13.8	2.3	1.8	4.2	11.3
ALASKA	10.2	(*)	9.6	(*)	15.6	(*)	9.9	(*)	4.7	(*)
ARIZONA	4.2	3.7	3.4	2.7	4.1	3.4	1.9	1.5	1.2	1.0
Phoenix	4.3	3.8	3.4	2.7	3.8	3.0	1.8	1.4	1.0	.7
ARKANSAS	6.1	4.7	5.1	3.8	6.6	4.6	4.2	2.8	1.3	.9
Fort Smith	5.7	3.7	4.0	2.4	5.4	4.7	3.3	2.4	.5	1.0
Little Rock—North Little Rock	5.4	4.2	4.4	3.1	5.3	3.7	3.1	2.4	1.1	.6
Pine Bluff	4.9	2.9	4.3	2.5	4.4	3.1	3.6	2.1	.5	.6
COLORADO	6.2	3.8	3.7	3.7	3.8	4.4	2.1	1.7	.9	1.9
Denver—Boulder	3.1	3.3	2.5	3.0	3.5	4.0	2.4	2.1	.5	.8
CONNECTICUT	2.2	2.0	1.6	1.4	2.7	2.4	1.0	.7	.9	1.1
Hartford	1.5	1.6	1.1	1.0	2.4	2.4	.9	.6	.7	1.3
DELAWARE¹	2.2	1.9	1.1	.7	2.3	1.7	.8	.5	.9	.6
Wilmington ¹	2.1	2.0	.9	.7	2.1	1.8	.8	.5	.7	.8
DISTRICT OF COLUMBIA:										
Washington SMSA	1.6	1.4	1.5	1.2	1.5	1.3	.7	.8	.2	.3
FLORIDA	5.6	5.7	3.7	3.3	4.1	3.6	2.4	2.1	.8	.9
Fort Lauderdale—Hollywood	6.0	4.6	4.9	4.2	5.2	4.2	3.0	2.8	.5	.6
Jacksonville	3.1	2.6	2.8	2.3	4.1	3.5	2.0	1.6	1.1	1.2
Miami	3.8	3.2	3.4	2.9	3.8	3.2	2.0	1.6	1.0	1.1
Orlando	5.1	4.0	3.5	2.6	4.1	3.0	2.2	1.4	1.0	.8
Pensacola	1.3	1.1	1.0	.6	2.9	1.8	1.1	.7	1.4	.9
Tampa—St. Petersburg	5.2	4.7	4.1	3.4	4.8	3.9	3.0	1.9	.8	1.2
West Palm Beach—Boca Raton	6.5	3.9	4.1	2.7	2.4	2.0	1.6	1.4	.1	.2
GEORGIA	3.9	2.8	3.1	2.2	4.1	3.4	2.5	1.6	.7	1.0
Atlanta ²	2.7	2.2	2.1	1.7	3.0	2.6	1.5	.9	.8	.9
HAWAII³	1.8	2.0	1.6	1.6	1.9	1.8	.9	.8	.4	.5
IDAHO^{4 5}	3.1	2.5	2.7	2.1	4.9	5.6	3.1	1.9	1.0	3.0
ILLINOIS:										
Chicago SMSA	2.9	(*)	2.3	(*)	3.2	(*)	1.5	(*)	.7	(*)
INDIANA	2.8	2.1	1.6	1.1	3.5	2.6	1.0	.7	1.4	1.3
Indianapolis ⁶	1.7	1.5	.8	.7	2.6	1.9	.8	.4	.9	.8
IOWA	3.6	2.9	2.9	2.1	4.1	3.2	2.0	1.4	1.3	1.2
Cedar Rapids	3.5	2.9	2.0	1.3	4.7	3.8	1.0	.7	3.2	2.1
Des Moines	3.6	2.8	2.9	1.7	3.6	3.3	2.0	1.8	.3	.9
KANSAS	5.0	3.8	4.5	3.1	4.8	4.0	3.0	2.1	.8	1.0
Topeka	2.4	4.0	2.1	1.6	2.9	1.7	1.6	.9	.7	.2
Wichita	5.5	3.6	5.1	3.1	4.6	3.9	2.8	2.0	.8	1.0
KENTUCKY	2.9	2.9	1.1	1.7	4.3	3.0	1.3	1.0	2.0	1.3
Louisville	2.0	1.7	1.1	.7	2.7	1.8	.6	.4	1.1	.8
LOUISIANA										
New Orleans	3.8	2.5	3.3	2.1	4.4	3.5	1.9	1.4	1.4	1.2
MAINE	5.1	4.6	3.9	3.1	6.3	5.2	3.0	2.2	2.4	2.2
Portland	3.2	2.3	2.5	1.8	3.5	3.3	1.8	1.4	1.0	1.5
MARYLAND	2.6	2.2	1.6	1.2	3.3	3.2	1.1	.7	1.6	2.0
Baltimore	2.3	2.1	1.3	1.0	3.0	3.5	.9	.6	1.5	2.3
MASSACHUSETTS	3.5	2.7	2.6	1.9	3.6	2.8	1.5	1.0	1.4	1.2
Boston	3.1	2.3	2.3	1.7	3.2	2.2	1.2	.8	1.3	.8
MICHIGAN	2.4	1.6	1.7	.8	2.4	2.4	.9	.6	.6	1.1
Detroit	2.5	2.0	1.5	.9	2.5	2.3	.8	.5	.9	1.1
Flint	1.7	1.2	1.3	.7	2.0	1.4	.4	.4	.1	.2
Grand Rapids	3.1	5.7	1.6	1.8	2.7	3.3	.8	.8	1.1	1.3
Lansing—East Lansing	2.4	1.4	1.8	1.0	1.6	.9	.6	.2	.2	.2

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

D-4. Labor turnover rates in manufacturing for selected States and areas—Continued

[Per 100 employees]

State and area	Accession rates				Separation rates					
	Total		New hires		Total		Quits		Layoffs	
	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P	Oct. 1976	Nov. 1976 ^P
MINNESOTA	3.4	(*)	2.8	(*)	4.7	(*)	1.9	(*)	2.2	(*)
Minneapolis—St. Paul	2.8	(*)	2.2	(*)	3.2	(*)	1.6	(*)	1.0	(*)
MISSISSIPPI:										
Jackson	3.1	2.3	2.4	1.5	3.7	3.1	1.7	1.4	1.5	1.1
MISSOURI	3.1	2.5	2.3	1.7	3.5	2.9	1.6	1.2	1.2	1.1
Kansas City	2.6	2.7	2.1	1.9	3.5	2.6	1.8	1.3	.9	.7
St. Louis	2.3	1.8	1.7	1.3	3.1	2.6	.9	.8	1.5	1.2
MONTANA	4.4	2.3	4.0	1.9	3.1	3.9	1.8	1.6	.5	1.8
NEBRASKA	4.5	3.2	3.6	2.5	4.1	3.3	2.6	1.8	.8	1.0
NEVADA	6.5	5.0	5.6	4.2	6.3	4.1	4.1	.2	.5	.5
NEW HAMPSHIRE	4.3	3.4	3.5	2.7	4.4	3.2	2.6	1.9	1.1	.7
NEW JERSEY:										
Camden ⁷	2.4	2.2	1.5	1.4	2.7	3.9	.6	.7	1.2	2.6
Hackensack	3.3	3.0	2.5	2.3	3.9	3.5	1.4	.9	1.7	1.9
Jersey City	2.4	2.8	1.6	1.2	4.8	3.6	1.0	.7	3.0	2.3
Newark	2.6	2.4	1.9	1.6	3.0	2.2	.9	.7	1.2	.9
New Brunswick—Perth Amboy—Sayreville	2.8	2.0	2.0	1.4	3.8	3.5	1.0	.8	2.0	2.1
Paterson—Clifton—Passaic	2.9	3.3	1.9	2.0	3.2	2.7	1.0	1.0	1.4	1.0
Trenton	2.7	2.1	2.2	1.4	2.3	1.9	1.0	.8	.6	.6
NEW YORK	3.4	2.8	2.1	1.6	3.9	3.5	1.2	.8	1.9	2.1
Albany—Schenectady—Troy	2.4	2.3	1.6	1.2	3.0	2.2	.9	.6	1.1	.9
Binghamton	1.7	1.7	1.3	1.0	2.1	1.6	.8	.7	.8	.6
Buffalo	2.2	1.8	1.2	.8	3.0	3.4	.5	.4	1.7	2.5
Elmira	2.9	1.5	2.2	1.0	2.5	3.9	.8	.5	.8	2.6
Monroe County ⁸	2.1	1.2	1.7	1.0	2.0	1.2	1.2	.5	.4	.4
Nassau—Suffolk ⁹	4.7	3.5	3.2	2.6	4.0	3.4	1.8	1.3	1.2	1.3
New York and Nassau—Suffolk	4.2	3.7	2.7	2.3	4.6	3.9	1.3	1.0	2.4	2.1
New York SMSA ⁹	4.1	3.7	2.6	2.2	4.8	4.0	1.2	.9	2.6	2.3
New York City ¹⁰	4.2	4.0	2.6	2.3	5.1	4.2	1.2	1.0	2.9	2.5
Rochester	2.8	1.4	2.1	1.1	2.5	2.5	1.6	.6	.4	1.4
Syracuse	2.0	1.9	1.4	1.2	3.0	2.9	1.1	.6	1.2	1.7
Utica—Rome	2.6	1.9	1.3	1.1	2.4	3.0	.6	.6	1.3	1.5
Westchester County ¹⁰	3.4	1.9	2.2	1.4	2.6	2.4	1.2	.8	.7	.9
NORTH CAROLINA	4.0	3.1	3.3	2.5	3.9	3.5	2.6	2.0	.5	.8
Charlotte—Gastonia	3.5	3.2	3.1	2.7	3.7	3.3	2.6	2.1	.3	.4
Greensboro—Winston-Salem—High Point	3.8	3.2	3.3	2.7	3.7	3.0	2.5	1.9	.4	.4
NORTH DAKOTA	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
Fargo—Moorhead	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)	(*)
OHIO	2.1	2.1	1.2	.9	3.7	2.5	.9	.6	2.0	1.3
Akron	1.4	1.3	.6	.4	1.8	1.8	.6	.3	.8	1.0
Canton	2.0	2.3	.8	.7	3.6	3.6	.8	.5	1.7	2.3
Cincinnati	1.9	2.0	1.4	1.0	2.8	1.8	.8	.6	1.1	.6
Cleveland	2.3	2.0	1.6	1.1	2.8	2.2	1.0	.7	.9	.8
Columbus	2.1	1.7	1.5	1.1	3.2	2.5	.8	.7	1.7	1.1
Dayton	1.9	1.6	1.3	.9	2.5	1.1	.8	.4	.6	.2
Toledo	2.1	1.9	1.2	.9	2.9	2.4	.8	.5	1.4	1.3
Youngstown—Warren	2.2	2.1	.5	.2	4.8	3.1	.4	.1	3.5	2.2
OKLAHOMA	4.8	4.0	4.1	3.4	4.8	4.5	3.2	2.6	.6	1.2
Oklahoma City	4.8	3.9	3.9	3.4	4.2	3.7	2.8	2.4	.6	.4
Tulsa ¹¹	4.6	3.5	3.9	3.1	4.7	4.3	3.0	2.2	.7	1.1
OREGON ¹	4.9	3.6	3.7	2.9	5.3	4.4	2.6	1.7	1.7	1.8
Portland ¹	4.8	3.6	3.6	2.8	5.2	4.1	2.5	1.7	1.9	1.7
PENNSYLVANIA	2.6	2.7	1.4	1.1	3.8	3.4	.8	.6	2.3	2.3
Allentown—Bethlehem—Easton	2.5	2.0	1.1	1.1	3.0	3.2	.8	.8	1.7	2.0
Alltoona	2.4	1.4	1.7	1.0	3.7	6.8	1.4	.9	1.7	5.6
Erie	2.4	1.8	.8	.8	4.6	3.1	.8	.5	3.0	2.1
Harrisburg	2.5	2.1	1.6	1.4	3.1	2.9	1.0	.9	1.5	1.6
Johnstown	7.1	5.4	.4	.3	3.6	3.9	.6	.4	1.8	2.4
Lancaster	2.3	2.1	1.9	1.5	2.4	2.4	1.4	.9	.5	1.0

See footnotes at end of table.

ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER

D-4. Labor turnover rates in manufacturing for selected States and areas—Continued

[Per 100 employees]

State and area	Accession rates				Separation rates						
	Total		New hires		Total		Quits		Layoffs		
	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	Oct. 1976	Nov. 1976 ^p	
PENNSYLVANIA—Continued											
Northeast Pennsylvania	3.8	4.3	1.1	1.4	5.6	4.4	1.1	0.7	4.0	3.1	
Philadelphia SMSA	2.5	2.0	1.7	1.2	3.0	2.5	.8	.6	1.5	1.4	
Pittsburgh	2.1	2.4	.7	.4	5.3	3.3	.5	.3	4.1	2.5	
Reading	3.2	2.7	2.2	1.7	2.8	2.8	1.1	1.0	1.0	1.2	
Scranton ¹²	2.6	5.7	1.3	2.3	5.0	3.5	1.0	.6	3.7	2.4	
Wilkes-Barre—Hazleton ¹²	4.3	3.7	1.0	.7	6.2	4.6	1.2	.7	4.3	3.1	
Williamsport	1.9	1.6	1.1	.9	4.5	1.5	1.0	.5	3.2	.4	
York	3.5	2.4	2.8	1.9	3.5	3.5	1.7	1.1	1.2	1.7	
RHODE ISLAND	5.6	4.5	4.5	3.5	4.9	4.6	2.6	2.3	1.4	1.6	
Providence—Warwick—Pawtucket	5.7	4.6	4.7	3.7	4.8	4.5	2.7	2.2	1.2	1.5	
SOUTH CAROLINA:											
Greenville—Spartanburg ⁵	5.0	3.4	4.1	3.0	4.5	3.5	3.2	2.3	.1	.2	
SOUTH DAKOTA	4.9	3.6	4.4	3.1	3.9	3.3	2.6	1.8	.5	1.0	
Sioux Falls	4.4	3.7	4.1	3.4	2.5	1.7	1.6	1.2	(¹³)	.3	
TENNESSEE:											
Memphis	4.1	2.6	2.5	1.8	3.3	3.1	1.5	1.2	.8	1.1	
TEXAS:											
Dallas—Fort Worth	4.4	3.7	4.0	3.3	4.1	3.4	2.8	2.2	.4	.3	
Houston	3.7	3.1	3.3	2.9	3.7	3.1	2.4	1.8	.4	.3	
San Antonio	4.2	3.0	3.9	2.7	4.3	3.6	2.7	2.0	.9	.8	
UTAH⁴	4.3	3.9	3.7	3.2	4.3	4.4	3.0	2.6	.5	.9	
Salt Lake City—Ogden ⁴	4.0	3.7	3.6	3.2	4.0	3.9	2.9	2.5	.3	.4	
VERMONT	4.2	3.5	2.1	2.0	4.2	4.0	1.4	1.0	2.0	2.6	
Burlington	3.1	1.9	2.4	1.1	1.6	1.3	.6	.3	.6	.8	
Springfield	3.4	2.7	1.1	1.1	3.3	1.8	.3	.5	2.2	.9	
VIRGINIA	3.3	2.7	2.6	1.8	3.0	2.4	1.6	1.3	.6	.5	
Richmond	2.2	1.4	1.8	1.2	2.3	1.4	1.0	.7	.6	.3	
WASHINGTON:											
Seattle—Everett ¹⁴	3.7	3.1	2.1	1.5	3.7	2.8	1.4	.9	1.7	1.4	
WISCONSIN	2.5	2.2	1.6	1.3	3.7	3.1	1.1	.7	1.8	1.8	
Milwaukee	2.5	2.0	1.4	1.2	2.8	2.4	.9	.7	1.0	1.0	
WYOMING	7.9	3.6	5.5	3.1	5.7	7.8	3.3	3.4	1.2	3.6	

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 Based on the 1972 Standard Industrial Classification.

⁶ Excludes canning and preserving, and newspapers.

⁷ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁸ Subarea of Rochester Standard Metropolitan Statistical Area.

⁹ Area included in New York and Nassau-Suffolk combined SMSA's.

¹⁰ Subarea of New York Standard Metropolitan Statistical Area.

¹¹ Excludes new-hire rate for transportation equipment.

¹² Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area.

¹³ Less than 0.05.

¹⁴ Excludes canning and preserving, printing and publishing.

* Not available.

p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	NOV. 1976	DEC. 1976	NOV. 1976	DEC. 1976	NOV. 1976	DEC. 1976
ALABAMA	1,467.8	1,457.5	93.1	89.7	6.3	6.2
Birmingham	346.3	347.0	20.1	19.1	5.8	5.5
Huntsville	121.3	120.2	8.4	7.5	6.9	6.3
Mobile	161.7	161.0	10.4	10.9	6.4	6.8
Montgomery	102.0	102.2	5.2	5.3	5.1	5.1
Tuscaloosa	51.2	50.4	2.9	2.5	5.6	5.0
ALASKA	184.2	174.8	20.7	21.0	11.2	12.0
ARIZONA	879.5	886.8	54.0	52.6	6.1	5.9
Phoenix	512.4	515.9	30.4	28.9	5.9	5.6
Tucson	168.4	169.9	8.6	8.5	5.1	5.0
ARKANSAS	865.6	824.0	48.6	49.9	5.6	6.1
Fayetteville-Springdale	61.7	61.6	2.8	2.9	4.6	4.7
Fort Smith ¹	74.3	75.0	5.1	6.0	6.8	8.0
Little Rock-North Little Rock	159.9	159.5	7.2	7.2	4.5	4.5
Pine Bluff	31.7	30.7	2.1	1.8	6.6	6.0
CALIFORNIA	9,485.8	9,539.1	850.6	840.0	9.0	8.8
Anaheim-Santa Ana-Garden Grove	827.5	829.9	47.9	45.6	5.8	5.5
Bakersfield	143.4	144.6	13.8	12.5	9.6	8.6
Fresno	204.8	211.1	17.8	19.3	8.7	9.1
Los Angeles-Long Beach	3,224.6	3,245.0	265.3	259.9	8.2	8.0
Modesto	107.3	106.1	15.6	15.7	14.5	14.8
Oxnard-Simi Valley-Ventura	174.4	172.8	15.5	13.9	8.9	8.0
Riverside-San Bernardino-Ontario	494.3	497.4	44.4	44.0	9.0	8.8
Sacramento	378.9	382.7	34.1	34.5	9.0	9.0
Salinas-Seaside-Monterey	98.0	98.7	8.2	9.5	8.4	9.6
San Diego	637.3	634.7	68.0	64.7	10.7	10.2
San Francisco-Oakland	1,473.9	1,477.7	155.5	151.5	10.6	10.3
San Jose	594.3	595.1	43.6	43.5	7.3	7.3
Santa Barbara-Santa Maria-Lompoc	118.7	119.2	9.1	8.6	7.6	7.2
Santa Rosa	99.1	100.1	9.7	10.0	9.8	10.0
Stockton	130.8	135.4	14.6	16.0	11.2	11.8
Vallejo-Fairfield-Napa	103.5	103.4	9.0	8.4	8.7	8.1
COLORADO	1,175.2	1,160.5	70.9	67.6	6.0	5.8
Denver-Boulder	700.2	697.0	43.2	45.3	6.1	6.5
CONNECTICUT	1,449.3	1,452.6	117.7	116.0	8.1	8.0
Bridgeport	180.5	179.5	16.6	15.2	9.2	8.5
Hartford	340.2	342.3	24.5	26.0	7.2	7.6
New Britain	69.1	70.2	6.1	6.5	8.8	9.2
New Haven-West Haven	194.3	193.7	17.3	16.6	8.9	8.6
Stamford	106.2	105.2	7.1	5.7	6.6	5.4
Waterbury	104.8	104.9	9.5	9.5	9.0	9.1
DELAWARE	248.3	244.9	18.9	17.8	7.6	7.3
Wilmington ¹	225.3	222.6	17.9	16.4	8.0	7.4
DISTRICT OF COLUMBIA	344.9	344.2	23.8	22.0	6.9	6.4
Washington SMSA ¹	1,454.6	1,453.6	72.3	66.9	5.0	4.6
FLORIDA	3,377.6	3,417.9	310.8	303.9	9.2	8.9
Fort Lauderdale-Hollywood	324.6	333.5	35.5	35.8	10.9	10.7
Jacksonville	292.9	295.2	20.3	19.5	6.9	6.6
Miami	678.5	680.1	62.9	60.2	9.3	8.9
Orlando	259.8	263.3	24.3	23.7	9.3	9.0
Pensacola	103.9	104.0	6.8	6.7	6.6	6.5
Tampa-St. Petersburg	523.4	526.3	51.5	52.1	9.8	9.9
West Palm Beach-Boca Raton	188.5	194.7	19.2	17.6	10.2	9.0
GEORGIA	2,094.2	2,077.7	122.0	115.5	5.8	5.6
Atlanta	797.1	794.4	51.7	49.1	6.5	6.2
Augusta ¹	120.0	119.7	7.4	6.6	6.2	5.5
Columbus ¹	84.6	84.6	4.8	4.3	5.7	5.1
Macon	96.0	96.7	6.5	6.1	6.8	6.4
Savannah	80.9	80.6	4.2	4.0	5.2	5.0

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	NOV. 1976	DEC. 1976	NOV. 1976	DEC. 1976	NOV. 1976	DEC. 1976
HAWAII	362.5	361.9	31.0	27.5	8.5	7.6
Honolulu	290.9	290.6	24.3	21.2	8.4	7.3
IDAHO	387.2	362.6	20.8	24.3	5.4	6.4
Boise City	74.7	74.8	3.0	3.2	4.0	4.2
ILLINOIS	5,052.0	5,064.5	343.7	374.4	6.8	7.4
Bloomington—Normal	56.7	55.4	2.2	2.6	3.9	4.8
Champaign—Urbana—Rantoul	74.9	72.4	3.3	3.3	4.3	4.6
Chicago	3,182.9	3,197.2	217.9	233.1	5.8	7.3
Davenport—Rock Island—Moline ¹	174.3	173.8	9.2	9.2	5.3	5.3
Decatur	58.2	58.0	4.9	5.0	8.4	9.7
Peoria	164.3	160.1	7.9	9.3	4.8	5.8
Rockford	129.3	126.3	8.9	9.4	6.9	7.4
Springfield	88.1	86.6	4.9	6.5	5.6	7.5
INDIANA	2,367.3	2,367.5	106.7	113.9	4.5	4.8
Evansville ¹	121.6	122.1	5.1	5.1	4.2	4.2
Fort Wayne	173.7	173.8	7.0	7.3	4.0	4.2
Gary—Hammond—East Chicago	273.1	270.7	15.9	15.4	5.8	5.7
Indianapolis	521.7	522.4	19.1	19.7	3.7	3.8
Muncie	54.0	53.9	2.5	2.3	4.6	4.2
South Bend	130.0	129.8	6.0	6.3	4.6	4.9
Terre Haute	75.5	75.4	3.5	3.7	4.7	5.0
IOWA	1,311.9	1,290.8	52.8	61.1	4.0	4.7
Cedar Rapids	77.2	77.0	3.0	3.4	3.9	4.5
Des Moines	159.5	160.6	7.2	7.6	4.5	4.7
Dubuque	40.5	40.3	2.2	2.2	5.4	5.4
Sioux City ¹	55.2	54.4	2.4	2.9	4.3	5.4
Waterloo—Cedar Falls	60.6	60.0	3.3	3.2	5.5	5.3
KANSAS	1,067.4	1,064.9	40.7	41.5	3.8	3.9
Topeka	83.2	83.2	3.4	3.3	4.1	4.0
Wichita	190.2	189.6	8.9	8.7	4.7	4.6
KENTUCKY	1,430.5	1,410.9	77.4	79.6	5.4	5.6
Lexington—Fayette	147.4	145.9	4.5	4.4	3.1	3.0
Louisville ¹	382.0	374.6	24.3	26.7	6.4	7.1
LOUISIANA	1,451.0	1,424.5	109.7	97.9	7.6	6.9
Baton Rouge	173.3	171.0	12.0	10.5	6.9	6.1
Lake Charles	57.9	57.6	4.3	4.6	7.5	7.9
Monroe	46.3	47.3	3.7	3.8	8.1	7.9
New Orleans	432.2	427.4	36.5	30.5	8.5	7.1
Shreveport	138.7	136.8	10.3	9.4	7.5	6.9
MAINE	438.4	439.1	34.9	38.5	8.0	8.8
Lewiston—Auburn	34.0	33.9	2.5	2.3	7.4	6.8
Portland	78.2	79.8	5.7	7.0	7.3	8.8
MARYLAND	1,865.6	1,862.0	109.1	106.2	5.8	5.7
Baltimore	942.1	940.6	63.1	61.4	6.7	6.5
MASSACHUSETTS	2,624.2	2,630.3	149.3	154.5	5.7	5.9
Boston	1,285.9	1,279.8	72.9	69.1	5.7	5.4
Brockton	74.5	75.1	4.5	4.6	6.0	6.1
Fall River ¹	68.4	68.9	4.4	5.2	5.5	7.5
Lawrence—Haverhill ¹	121.2	121.9	8.6	9.6	7.1	7.8
Lowell ¹	99.8	101.8	6.2	6.4	6.2	6.3
New Bedford	73.6	75.2	5.5	6.2	7.5	8.2
Springfield—Chicopee—Holyoke ¹	255.9	255.2	12.7	14.6	5.0	5.5
Worcester	179.2	182.0	8.8	9.9	4.9	5.4
MICHIGAN	3,920.0	3,928.4	344.2	351.2	8.8	8.9
Ann Arbor	128.0	129.5	6.4	8.9	6.5	6.9
Battle Creek	80.4	79.9	6.4	7.0	8.0	8.7
Bay City	50.0	49.8	4.0	4.1	8.0	8.2
Detroit	1,856.0	1,859.3	171.8	170.0	9.3	9.1
Flint	210.2	212.4	16.6	16.8	7.9	7.9

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	NOV. 1976	DEC. 1976	NOV. 1976	DEC. 1976	NOV. 1976	DEC. 1976
MICHIGAN—Continued						
Grand Rapids	263.3	266.1	17.7	17.7	6.7	6.6
Jackson	64.3	64.2	5.9	5.5	9.1	8.6
Kalamazoo—Portage	125.5	126.2	8.2	8.5	6.5	6.7
Lansing—East Lansing	212.3	211.9	14.2	14.7	5.7	6.9
Muskegon—Norton Shores—Muskegon Heights	74.9	75.2	6.3	6.6	8.4	8.7
Saginaw	97.7	97.4	6.7	6.7	6.8	6.8
MINNESOTA	1,822.6	1,821.9	83.5	97.2	4.6	5.3
Duluth—Superior	N.A.	N.A.	N.A.	N.A.	N.A.	N.A.
Minneapolis—St. Paul	986.1	983.7	52.6	52.7	5.4	5.4
MISSISSIPPI	911.6	902.9	50.0	52.1	5.5	5.8
Jackson	126.9	127.5	6.1	6.3	4.8	4.9
MISSOURI	2,032.7	2,034.7	92.7	103.7	4.6	5.1
Kansas City ¹	604.0	605.1	33.0	35.5	5.5	5.9
St. Joseph	42.8	43.7	1.9	2.2	4.4	5.0
St. Louis ¹	1,000.0	1,003.7	57.8	63.1	5.8	6.3
Springfield	89.9	90.3	2.9	3.1	3.2	3.5
MONTANA	320.1	316.4	20.4	21.7	6.4	6.9
Billings	49.5	49.7	2.2	2.5	4.4	5.0
Great Falls	33.0	32.6	2.0	1.9	6.2	5.8
NEBRASKA	713.9	703.8	29.4	31.2	4.1	4.4
Lincoln	100.0	99.0	3.4	3.0	3.4	3.0
Omaha ¹	252.3	250.9	15.2	14.4	6.0	5.7
NEVADA	299.6	299.6	23.4	24.5	7.8	8.2
Las Vegas	161.3	161.2	14.4	15.0	8.9	9.3
Reno	82.4	83.1	4.6	5.2	5.6	6.3
NEW HAMPSHIRE	370.7	369.9	11.5	12.4	3.1	3.4
Manchester	62.1	62.0	1.9	2.2	3.1	3.6
NEW JERSEY	3,178.3	3,164.0	255.4	254.5	8.0	8.0
Atlantic City	70.9	69.0	7.5	7.9	10.7	11.5
Jersey City	245.7	244.2	23.1	25.4	9.4	10.4
Long Branch—Asbury Park	200.2	198.4	14.1	14.6	7.1	7.4
Newark	879.9	878.0	67.4	63.2	7.7	7.2
New Brunswick—Perth Amboy—Sayreville	275.3	274.3	14.9	20.6	7.2	7.5
Paterson—Clifton—Passaic	195.7	194.9	17.4	17.5	8.9	9.0
Trenton	151.2	150.5	8.1	7.9	5.4	5.3
Vineland—Millville—Bridgeton	53.3	52.4	5.1	5.3	9.5	10.2
NEW MEXICO	456.6	452.6	39.5	28.4	6.7	6.3
Albuquerque	172.9	171.2	13.0	11.0	7.5	6.4
NEW YORK	7,487.9	7,494.6	637.5	650.2	8.5	8.7
Albany—Schenectady—Troy	342.9	345.0	24.2	24.9	7.1	7.2
Binghamton ¹	128.8	128.6	9.3	9.1	7.2	7.1
Buffalo	558.5	557.3	54.1	52.3	9.7	9.4
Elmira	41.1	40.7	3.3	4.0	8.0	9.8
Nassau—Suffolk	1,128.4	1,134.0	78.9	81.9	7.0	7.2
New York	3,473.4	3,480.8	319.1	323.1	9.2	9.3
Poughkeepsie	95.3	94.9	5.1	5.1	5.3	5.4
Rochester	457.1	456.2	28.7	28.5	6.3	6.2
Syracuse	285.3	285.3	21.5	22.4	7.5	7.9
Utica—Rome	125.1	124.0	12.3	12.3	9.8	10.0
NORTH CAROLINA	2,411.5	2,399.3	144.6	145.2	6.0	6.1
Asheville	74.4	74.4	3.9	3.9	5.2	5.3
Charlotte—Gastonia	298.8	298.9	16.4	15.7	5.5	5.3
Greensboro—Winston-Salem—High Point	377.9	379.0	19.1	20.6	5.1	5.4
Raleigh—Durham	241.3	241.9	9.3	10.0	3.8	4.1
NORTH DAKOTA	274.6	269.5	14.9	16.5	5.4	6.1
Fargo—Moorhead ¹	65.8	65.0	2.6	3.1	3.9	4.8

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	NOV. 1976	DEC. 1976	NOV. 1976	DEC. 1976	NOV. 1976	DEC. 1976
OHIO	4,688.4	4,694.8	309.5	323.7	6.6	6.9
Akron	285.9	287.7	20.1	20.9	7.0	7.3
Canton	177.5	178.4	13.7	14.6	7.7	8.2
Cincinnati ¹	606.9	609.2	41.4	43.4	6.8	7.1
Cleveland	882.9	884.8	50.8	53.1	5.8	6.0
Columbus	503.0	504.8	28.6	28.9	5.7	5.7
Dayton	354.0	355.3	18.8	19.1	5.3	5.4
Toledo ¹	336.7	336.2	21.4	27.7	6.4	8.3
Youngstown—Warren	232.2	231.8	23.5	20.4	10.1	8.8
OKLAHOMA	1,184.6	1,188.1	79.6	77.0	6.7	6.5
Oklahoma City	361.2	364.2	24.1	22.7	6.7	6.2
Tulsa	276.2	276.9	18.5	17.2	6.7	6.2
OREGON	1,070.9	1,067.4	90.5	92.7	8.5	8.7
Eugene—Springfield	111.7	111.8	10.7	11.5	9.5	10.3
Portland ¹	523.7	521.9	42.0	40.1	8.0	7.7
Salem	94.1	92.9	7.3	8.5	7.8	9.1
PENNSYLVANIA	5,044.0	5,022.0	393.0	400.8	7.8	8.0
Allentown—Bethlehem—Easton ¹	295.5	297.3	23.4	26.3	7.9	8.9
Alltoona	54.3	54.8	3.9	4.2	7.3	7.7
Erie	117.8	116.8	10.3	10.7	8.7	9.2
Harrisburg	205.8	204.7	10.5	11.9	5.1	5.8
Johnstown	104.6	104.3	7.8	8.0	7.4	7.7
Lancaster	160.5	159.3	7.7	9.6	4.8	6.1
Northeast Pennsylvania	270.4	271.0	27.3	30.5	10.1	11.2
Philadelphia ¹	2,024.8	2,025.7	167.6	162.8	8.3	8.0
Pittsburgh	971.3	964.7	79.3	72.0	8.2	7.5
Reading	145.2	144.1	7.6	7.9	5.2	5.5
Williamsport	48.9	49.1	4.3	4.8	8.9	9.8
York	152.7	150.9	9.8	10.1	6.4	6.7
RHODE ISLAND	413.9	416.6	33.9	35.9	8.2	8.6
Providence—Warwick—Pawtucket ¹	419.3	422.3	33.5	35.4	8.0	8.4
SOUTH CAROLINA	1,182.5	1,170.7	62.8	57.4	5.3	4.9
Charleston—North Charleston	129.8	128.9	7.3	6.3	5.7	4.9
Columbia	147.7	146.2	6.3	5.5	4.3	3.7
Greenville—Spartanburg	231.2	230.1	10.5	9.6	4.7	4.2
SOUTH DAKOTA	282.5	281.4	11.2	13.3	3.9	4.7
Sioux Falls	49.9	49.8	1.6	1.8	3.1	3.7
TENNESSEE	1,801.1	1,787.7	111.7	112.9	6.2	6.3
Chattanooga ¹	178.7	179.5	8.8	8.8	4.9	4.9
Knoxville	186.5	186.6	9.4	8.7	5.1	4.7
Memphis ¹	349.1	347.2	23.2	22.2	6.6	6.4
Nashville—Davidson	346.3	345.8	17.1	17.0	4.9	4.9
TEXAS	5,422.7	5,442.0	291.0	284.7	5.4	5.2
Amarillo	82.9	83.2	2.7	2.4	3.3	2.9
Austin	196.9	197.2	9.1	8.7	4.6	4.4
Beaumont—Port Arthur—Orange	166.1	166.0	12.1	10.9	7.3	6.6
Corpus Christi	125.0	125.7	7.7	8.1	6.2	6.4
Dallas—Fort Worth	1,203.2	1,206.6	51.5	48.8	4.3	4.0
El Paso	155.9	154.5	19.9	18.5	12.7	11.9
Galveston—Texas City	82.5	84.6	5.3	6.6	6.5	7.8
Houston	1,117.0	1,119.3	59.7	57.9	5.3	5.2
Lubbock	93.9	95.3	2.5	2.5	2.7	2.6
San Antonio	380.5	380.9	26.4	24.0	6.9	6.3
Waco	72.1	71.7	3.3	3.0	4.6	4.1
Wichita Falls	57.6	57.9	2.4	2.2	4.1	3.9
UTAH	525.2	527.6	25.3	27.2	4.8	5.2
Salt Lake City—Ogden	348.2	350.8	16.6	17.7	4.8	5.1
VERMONT	201.3	202.2	16.2	16.6	8.1	8.2

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

E-1. Labor force and unemployment by State and selected metropolitan areas—Continued

(Numbers in thousands)

State and area	Labor force		Unemployment			
			Number		Percent of labor force	
	NOV. 1976	DEC. 1976	NOV. 1976	DEC. 1976	NOV. 1976	DEC. 1976
VIRGINIA	2,269.9	2,269.7	113.7	119.1	5.0	5.2
Lynchburg	68.2	68.3	2.5	2.8	3.6	4.2
Newport News—Hampton	151.0	150.2	9.4	8.5	6.2	5.7
Norfolk—Virginia Beach—Portsmouth ¹	298.5	300.1	16.8	18.2	5.6	6.1
Richmond	292.9	292.6	10.2	10.0	3.5	3.4
Roanoke	106.3	106.1	5.1	5.4	4.8	5.0
WASHINGTON	1,547.0	1,538.9	120.4	122.1	7.8	7.9
Seattle—Everett	682.3	680.9	50.6	49.3	7.4	7.2
Spokane	124.9	125.0	8.4	8.7	6.7	7.0
Tacoma	151.9	151.4	14.4	14.3	9.5	9.4
WEST VIRGINIA	652.3	656.5	35.9	39.0	5.5	5.9
Charleston	104.9	106.3	3.8	4.2	3.7	4.0
Huntington—Ashland ¹	107.6	107.9	6.0	6.1	5.5	5.7
Parkersburg—Marietta ¹	58.8	59.9	3.3	3.5	5.6	5.9
Wheeling ¹	72.9	73.4	4.6	5.0	6.3	6.8
WISCONSIN	2,130.8	2,119.4	119.8	121.6	5.6	5.7
Appleton—Oshkosh	139.3	136.5	8.0	7.3	5.7	5.3
Green Bay	85.6	85.7	4.9	4.6	5.7	5.4
Kenosha	58.7	60.1	8.4	6.2	14.3	10.4
La Crosse	42.0	42.5	2.2	2.3	5.2	5.4
Madison	170.5	168.9	6.2	6.6	3.7	3.9
Milwaukee	650.2	647.5	32.7	31.2	5.0	4.8
Racine	87.8	87.6	6.6	5.9	7.5	6.7
WYOMING	191.4	186.9	7.6	7.2	4.0	3.8

¹ Includes interstate portion of Area located in adjacent State(s).

N.A.=not available.

NOTE: All data are provisional. They are subject to revision as new benchmark information becomes available. Data refer to place of residence.

SOURCE: Cooperating State Employment Security Agencies listed on the inside back cover.

Labor force and unemployment estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the National Technical Information Service, U.S. Department of Commerce, 5285 Port Royal Road, Springfield, Virginia 22161. When ordering please, specify "CETA Area Employment and Unemployment, January-November 1976 (NTISUB/B/143-77/001), "State and County Employment and Unemployment January-November 1976" (NTISUB/B/144-77/001) or "Unemployment Rates for States and Identifiable Local Governments, Third Quarter, 1976" (PB261350). Tabulations are available at \$10.75 per set for printed copies of CETA Areas, \$18.75 for States and Counties, \$5.00 for Identifiable Local Governments, or \$3.00 per set for microfiche copies of each publication.

UNEMPLOYMENT INSURANCE DATA

F-1. Insured unemployment under State programs

[Week including the 12th of the month]

State	Number (in thousands)					Rate (percent of average covered employment)		
	Jan. 1976	Dec. 1976	Jan. 1977	Change from ¹		Jan. 1976	Dec. 1976	Jan. 1977
				Jan. 1976	Dec. 1976			
TOTAL ^{2, 3}	3, 892. 5	3, 005. 3	3, 582. 4	310. 1	577. 1	5. 9	4. 5	5. 4
SEASONALLY ADJUSTED	2, 922. 3	3, 051. 1	2, 710. 2	-212. 1	-340. 9	4. 4	4. 6	4. 1
Alabama	54. 4	42. 2	53. 1	-1. 3	10. 9	6. 0	4. 6	5. 7
Alaska	12. 9	9. 2	14. 5	1. 6	5. 3	12. 5	7. 4	11. 4
Arizona	36. 7	23. 4	25. 2	-11. 4	1. 8	6. 0	3. 9	4. 2
Arkansas	37. 9	30. 3	39. 9	2. 0	9. 6	7. 2	5. 8	7. 4
California	411. 4	342. 3	384. 3	-27. 1	42. 0	6. 3	5. 1	5. 6
Colorado	27. 2	28. 4	24. 6	-2. 7	-3. 8	3. 6	3. 7	3. 2
Connecticut	81. 7	57. 7	71. 0	10. 6	13. 3	6. 8	4. 9	6. 0
Delaware	9. 4	8. 2	10. 1	. 7	2. 0	4. 5	4. 0	4. 9
District of Columbia	13. 6	11. 7	10. 2	-3. 4	-1. 5	3. 8	3. 3	2. 9
Florida	116. 9	88. 9	92. 7	-24. 2	3. 8	4. 5	3. 4	3. 6
Georgia	68. 5	48. 0	57. 5	-11. 0	9. 5	4. 9	3. 4	4. 1
Hawaii	17. 1	13. 7	13. 8	-3. 3	. 1	5. 4	4. 3	4. 3
Idaho	14. 9	10. 4	15. 9	1. 0	5. 6	6. 9	4. 6	7. 0
Illinois	245. 4	176. 2	199. 6	-45. 8	23. 4	6. 4	4. 8	5. 4
Indiana	65. 5	42. 2	55. 3	-10. 2	13. 1	4. 0	2. 6	3. 4
Iowa	37. 5	25. 3	33. 7	-3. 8	8. 4	4. 6	3. 2	4. 1
Kansas	22. 8	18. 6	25. 3	2. 4	6. 6	3. 7	3. 0	4. 0
Kentucky	48. 5	38. 1	52. 8	4. 3	14. 7	5. 7	4. 5	6. 1
Louisiana	43. 3	41. 7	50. 6	7. 3	9. 0	4. 2	3. 9	4. 7
Maine	26. 5	20. 9	26. 0	-. 4	5. 2	9. 4	7. 3	8. 9
Maryland	61. 4	44. 2	56. 1	-5. 3	11. 9	5. 4	4. 0	4. 9
Massachusetts	151. 2	91. 3	116. 7	-34. 5	25. 5	7. 7	4. 8	6. 1
Michigan	219. 5	179. 5	203. 5	-16. 0	-24. 0	7. 9	6. 2	7. 0
Minnesota	78. 0	58. 6	69. 6	-8. 4	11. 1	5. 7	4. 2	5. 0
Mississippi	23. 2	19. 6	23. 5	. 3	3. 9	4. 3	3. 6	4. 3
Missouri	88. 8	61. 9	81. 1	-7. 8	19. 2	6. 2	4. 3	5. 6
Montana	14. 4	10. 8	14. 9	. 4	4. 0	8. 3	5. 4	7. 3
Nebraska	19. 6	9. 9	14. 3	-5. 4	4. 3	4. 5	2. 3	3. 2
Nevada	15. 8	11. 6	14. 2	-1. 6	2. 6	7. 4	5. 3	6. 3
New Hampshire	12. 7	8. 1	9. 8	-2. 9	1. 6	5. 0	3. 2	3. 8
New Jersey	181. 2	138. 4	169. 8	-11. 4	31. 4	8. 0	6. 3	7. 6
New Mexico	13. 2	11. 2	13. 7	. 4	2. 5	5. 1	4. 1	4. 9
New York	382. 1	309. 2	352. 1	-30. 0	42. 9	6. 6	5. 5	6. 2
North Carolina	78. 2	68. 2	90. 5	12. 3	22. 3	4. 7	4. 1	5. 3
North Dakota	6. 8	6. 0	9. 1	2. 4	3. 2	4. 7	4. 0	6. 1
Ohio	158. 4	128. 4	159. 5	0. 8	31. 1	4. 2	3. 5	4. 3
Oklahoma	29. 9	23. 1	27. 2	-2. 8	4. 0	4. 2	3. 2	3. 7
Oregon	62. 1	44. 3	53. 8	-8. 3	9. 6	8. 1	5. 7	6. 9
Pennsylvania	296. 8	241. 1	285. 5	-11. 2	44. 5	7. 8	6. 4	7. 6
Puerto Rico ²	68. 8	68. 1	72. 4	-3. 7	4. 4	14. 4	14. 4	15. 2
Rhode Island	27. 6	18. 0	25. 6	-1. 9	7. 6	8. 9	5. 8	8. 1
South Carolina	47. 9	31. 8	34. 9	-13. 0	3. 1	6. 0	4. 0	4. 3
South Dakota	6. 2	4. 6	6. 0	-. 2	1. 5	4. 1	2. 9	3. 8
Tennessee	83. 3	50. 5	89. 1	5. 8	38. 6	6. 7	4. 1	7. 1
Texas	74. 7	65. 7	67. 8	-6. 9	2. 1	2. 1	1. 8	1. 8
Utah	20. 1	12. 8	17. 0	-3. 1	4. 2	5. 9	3. 7	4. 9
Vermont	10. 4	8. 3	9. 9	-. 5	1. 6	8. 0	6. 2	7. 4
Virginia	41. 7	30. 3	35. 5	-6. 2	5. 1	3. 0	2. 2	2. 3
Washington	95. 8	76. 9	86. 1	-9. 6	9. 3	9. 7	7. 6	8. 4
West Virginia	31. 3	23. 4	29. 2	-2. 1	5. 8	6. 9	4. 9	5. 9
Wisconsin	95. 2	69. 9	84. 3	-10. 9	14. 4	6. 0	4. 4	5. 5
Wyoming	3. 5	2. 3	3. 4	-. 1	1. 1	3. 4	2. 1	3. 0

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

³ Figures do not include claimants receiving benefits under extended benefit provisions.

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

UNEMPLOYMENT INSURANCE DATA

F-2. Insured unemployment¹ in 150 major labor areas²

[In thousands, for week including the 12th of the month]

State and area	Jan. 1976	Jan. 1977	State and area	Jan. 1976	Jan. 1977	State and area	Jan. 1976	Jan. 1977	State and area	Jan. 1976	Jan. 1977
ALABAMA			INDIANA—			NEW JERSEY			PENNSYLVANIA—		
Birmingham	12.6	12.0	Continued			Atlantic City	8.0	(*)	Continued		
Mobile	5.3	6.3				Jersey City	20.7	(*)			
ARIZONA			Gary-Hammond—			Newark	47.9	(*)	Northeast		
Phoenix	21.3	15.5	East Chicago	8.2	7.5	New Brunswick—			Pennsylvania	27.6	25.5
ARKANSAS			Indianapolis	11.1	9.9	Perth Amboy—			Philadelphia	104.7	87.1
Little Rock—			South Bend	3.1	3.2	Sayreville			Pittsburgh	50.8	50.4
North Little			Terre Haute	2.6	2.3	Paterson-Clifton—			Reading	6.9	5.6
Rock	4.7	4.3	IOWA			Passaic	13.6	(*)	York	8.7	7.8
CALIFORNIA			Cedar Rapids	2.6	2.1	Trenton	5.4	(*)	PUERTO RICO		
Anaheim—S. Ana—			Des Moines	4.7	4.3	NEW MEXICO			Mayaguez	2.5	3.0
Garden Grove	27.8	22.4	KANSAS			Albuquerque	6.0	6.3	Ponce	4.4	4.8
Fresno	9.4	11.0	Wichita	5.3	5.9	NEW YORK			San Juan	13.9	15.1
Los Angeles—Long			KENTUCKY			Albany—			RHODE ISLAND		
Beach	138.2	120.0	Louisville	11.1	13.5	Schenectady—			Providence—		
Riverside—San			LOUISIANA			Troy	13.4	12.9	Warwick		
Bernardino—			Baton Rouge	3.9	5.1	Binghamton	7.6	5.0	Pawtucket	28.3	23.3
Ontario	22.3	21.5	New Orleans	12.1	13.8	Buffalo	30.5	23.5	SOUTH CAROLINA		
Sacramento	18.1	17.8	Shreveport	4.6	5.2	New York City			Charleston	3.5	3.1
San Diego	31.6	30.9	MAINE			Combined Areas	243.3	229.7	Greenville—		
San Francisco—			Portland	2.8	2.7	(a) N.Y. City			Spartanburg	10.4	6.4
Oakland	62.1	57.9	MARYLAND			plus Rockland,			TENNESSEE		
San Jose	22.1	18.2	Baltimore	36.3	34.5	Putnam, and			Chattanooga	3.4	7.9
Stockton	9.1	9.1	MASSACHUSETTS			Westchester Cos. .	192.1	179.4	Knoxville	7.5	8.3
COLORADO			Boston	65.1	(*)	(b) Nassau—			Memphis	20.2	14.1
Denver—Boulder ..	6.4	14.5	Brockton	4.0	(*)	Suffolk	51.2	50.3	Nashville—		
CONNECTICUT			Fall River	5.7	(*)	Rochester	19.8	4.8	Davidson	12.5	9.5
Bridgeport	10.3	8.3	Lawrence—			Syracuse	12.3	10.2	TEXAS		
Hartford	16.9	15.1	Haverhill	9.7	(*)	Utica—Rome	8.1	7.3	Austin	2.7	2.3
New Britain	4.2	4.5	Lowell	6.4	(*)	NORTH CAROLINA			Beaumont—		
New Haven—			New Bedford	7.7	(*)	Asheville	2.4	2.7	Port Arthur—		
West Haven	9.4	10.6	Springfield—			Charlotte—			Orange	3.0	3.2
Stamford	8.3	5.4	Chicopee—			Gastonia	9.0	7.2	Corpus Christi	1.9	1.8
Waterbury	4.3	4.4	Holyoke	15.8	(*)	Greensboro—			Dallas	12.4	8.9
DELAWARE			Worcester	9.6	(*)	Winston Salem—			El Paso	4.3	6.6
Wilmington	8.1	6.3	MICHIGAN			High Point	10.5	13.4	Fort Worth	7.2	3.9
DIST. OF COL.			Battle Creek	5.4	4.3	Raleigh—Durham ..	3.6	4.7	Houston	9.5	10.5
Washington	29.0	21.4	Detroit	102.6	102.5	OHIO			San Antonio	7.2	5.7
FLORIDA			Flint	11.7	9.8	Akron	10.7	10.0	UTAH		
Jacksonville	5.3	5.7	Grand Rapids	12.2	10.4	Canton	8.3	8.1	Salt Lake City—		
Miami	24.4	18.5	Kalamazoo—			Cincinnati	18.0	18.3	Ogden	9.7	7.8
Tampa—St.			Portage	5.0	4.5	Cleveland	28.9	26.1	VIRGINIA		
Petersburg	22.2	18.6	Lansing—East			Columbus	14.7	15.2	Newport News—		
GEORGIA			Lansing	10.8	8.6	Dayton	11.2	10.8	Hampton	2.9	2.7
Atlanta	24.2	17.2	Muskegon—			Hamilton—			Norfolk—		
Augusta	4.5	4.3	Heights	5.5	6.0	Middletown	4.3	5.5	Virginia Beach—		
Columbus	16.3	3.2	Saginaw	4.1	3.6	Lorain			Portsmouth	6.5	4.8
Macon	3.2	2.5	MINNESOTA			Elyria	3.1	3.3	Richmond	3.2	2.9
Savannah	3.2	2.1	Duluth—			Steuubenville—			Roanoke	2.1	1.7
HAWAII			Superior	5.1	5.0	Weirton	1.9	2.3	WASHINGTON		
Honolulu	13.7	12.1	Minneapolis—			Toledo	12.4	13.2	Seattle	40.4	35.6
ILLINOIS			St. Paul	32.8	26.8	Youngstown—			Spokane	7.3	6.7
Chicago	172.2	117.5	MISSISSIPPI			Warren	10.1	10.9	Tacoma	11.9	9.6
Davenport—Rock			Jackson	2.7	2.1	OKLAHOMA			WEST VIRGINIA		
Island—			MISSOURI			Oklahoma City	8.3	6.7	Charleston	4.5	3.2
Moline	6.1	4.7	Kansas City	20.9	16.9	Tulsa	6.7	6.7	Huntington—		
Peoria	5.5	5.8	St. Louis	49.9	43.5	OREGON			Ashland	3.7	4.6
Rockford	7.2	4.7	NEBRASKA			Portland	26.3	22.6	Wheeling	5.0	4.0
INDIANA			Omaha	9.7	6.6	PENNSYLVANIA			WISCONSIN		
Evansville	4.2	2.9	NEW HAMPSHIRE			Allentown—			Kenosha	2.6	2.5
Ft. Wayne	5.2	3.7	Manchester	2.6	2.2	Bethlehem—			Madison	8.1	7.5
						Easton	22.7	16.8	Milwaukee	21.6	16.8
						Altoona	3.9	3.1	Racine	3.8	3.0
						Erie	8.2	6.6			
						Harrisburg	8.7	7.1			
						Johnstown	6.5	7.5			
						Lancaster	7.7	6.9			

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

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

* Information not available for Massachusetts and New Jersey.

Revised

Seasonally Adjusted

Labor Force Series

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

Revised Seasonally Adjusted Labor Force Series

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
TOTAL LABOR FORCE												
IN THOUSANDS												
1972.....	88,190	88,107	88,693	88,595	88,759	88,927	89,023	89,378	89,307	89,442	89,431	89,771
1973.....	89,272	90,100	90,608	90,689	90,648	91,157	91,129	91,029	91,473	91,739	92,215	92,385
1974.....	92,566	92,840	92,862	92,616	92,950	93,208	93,425	93,252	93,803	93,781	93,926	93,912
1975.....	94,146	93,819	94,218	94,405	94,970	94,773	95,103	95,220	95,296	95,299	95,180	95,305
1976.....	95,613	95,743	96,009	96,520	96,693	96,841	97,329	97,428	97,387	97,449	98,020	98,106
CIVILIAN LABOR FORCE												
1972.....	85,596	85,567	86,189	86,132	86,340	86,534	86,635	86,982	86,902	87,027	87,000	87,331
1973.....	86,868	87,708	88,247	88,339	88,314	88,842	88,818	88,722	89,182	89,450	89,932	90,103
1974.....	90,308	90,582	90,611	90,373	90,720	90,997	91,205	91,032	91,586	91,568	91,714	91,700
1975.....	91,953	91,621	92,020	92,210	92,789	92,595	92,917	93,035	93,126	93,135	93,025	93,148
1976.....	93,473	93,597	93,862	94,376	94,551	94,704	95,189	95,351	95,242	95,302	95,871	95,960
CIVILIAN LABOR FORCE - MALES												
1972.....	52,634	52,708	53,064	52,991	53,098	53,312	53,322	53,516	53,509	53,547	53,505	53,693
1973.....	53,397	53,760	54,151	54,018	53,950	54,176	54,291	54,121	54,336	54,554	54,708	54,917
1974.....	55,190	55,192	55,089	54,862	55,101	55,148	55,003	55,080	55,370	55,470	55,485	55,417
1975.....	55,318	55,262	55,356	55,405	55,803	55,626	55,880	55,823	55,911	55,842	55,754	55,657
1976.....	55,738	55,800	55,876	56,209	56,320	56,263	56,527	56,564	56,606	56,754	56,887	56,951
CIVILIAN LABOR FORCE - FEMALES												
1972.....	32,962	32,859	33,125	33,141	33,242	33,222	33,313	33,466	33,393	33,480	33,495	33,638
1973.....	33,471	33,948	34,096	34,321	34,364	34,666	34,527	34,601	34,846	34,896	35,224	35,186
1974.....	35,118	35,390	35,522	35,511	35,619	35,849	36,202	35,952	36,216	36,098	36,229	36,283
1975.....	36,635	36,359	36,664	36,805	36,986	36,969	37,037	37,212	37,215	37,293	37,271	37,491
1976.....	37,735	37,797	37,986	38,167	38,231	38,441	38,662	38,787	38,636	38,548	38,984	39,009
CIVILIAN LABOR FORCE - BOTH SEXES 16-19 YEARS												
1972.....	7,837	7,873	7,957	7,971	7,959	8,025	7,945	8,174	8,028	8,073	8,155	8,218
1973.....	7,929	8,271	8,412	8,455	8,388	8,566	8,317	8,349	8,634	8,707	8,771	8,762
1974.....	8,846	8,848	8,841	8,656	8,758	8,883	8,733	8,619	8,609	8,958	8,901	8,811
1975.....	8,874	8,736	8,762	8,699	8,905	8,838	8,817	8,833	8,823	8,743	8,697	8,812
1976.....	8,869	8,859	8,929	9,086	9,117	8,934	9,027	9,091	8,851	8,946	8,957	8,944
CIVILIAN LABOR FORCE - MALES 16-19 YEARS												
1972.....	4,329	4,376	4,416	4,388	4,417	4,447	4,366	4,571	4,499	4,504	4,519	4,547
1973.....	4,382	4,562	4,673	4,661	4,595	4,671	4,638	4,589	4,749	4,814	4,830	4,822
1974.....	4,870	4,851	4,853	4,761	4,829	4,868	4,771	4,708	4,906	4,863	4,854	4,819
1975.....	4,774	4,749	4,756	4,725	4,806	4,824	4,808	4,763	4,752	4,720	4,704	4,716
1976.....	4,794	4,783	4,801	4,932	4,885	4,771	4,852	4,866	4,755	4,842	4,821	4,873
CIVILIAN LABOR FORCE - FEMALES 16-19 YEARS												
1972.....	3,508	3,497	3,541	3,583	3,542	3,578	3,579	3,603	3,529	3,569	3,636	3,671
1973.....	3,547	3,709	3,739	3,794	3,793	3,895	3,679	3,760	3,885	3,893	3,941	3,940
1974.....	3,976	3,997	3,988	3,895	3,929	4,015	3,962	3,911	4,103	4,095	4,047	3,992
1975.....	4,100	3,987	4,006	3,974	4,099	4,014	4,009	4,070	4,071	4,023	3,993	4,096
1976.....	4,075	4,076	4,128	4,154	4,232	4,163	4,175	4,225	4,096	4,104	4,136	4,071
CIVILIAN LABOR FORCE - BOTH SEXES 20 YEARS AND OVER												
1972.....	77,759	77,694	78,232	78,161	78,381	78,509	78,690	78,808	78,874	78,954	78,845	79,113
1973.....	78,939	79,437	79,835	79,884	79,926	80,276	80,501	80,373	80,548	80,743	81,161	81,341
1974.....	81,462	81,734	81,770	81,717	81,962	82,114	82,472	82,413	82,577	82,610	82,813	82,889
1975.....	83,079	82,885	83,258	83,511	83,884	83,757	84,100	84,202	84,303	84,392	84,328	84,336
1976.....	84,604	84,738	84,933	85,290	85,434	85,770	86,162	86,260	86,391	86,356	86,914	87,016
CIVILIAN LABOR FORCE - MALES 20 YEARS AND OVER												
1972.....	48,305	48,332	48,648	48,603	48,681	48,865	48,956	48,945	49,010	49,043	48,986	49,146
1973.....	49,015	49,198	49,478	49,357	49,355	49,505	49,653	49,532	49,587	49,740	49,878	50,095
1974.....	50,320	50,341	50,236	50,101	50,272	50,280	50,232	50,372	50,464	50,607	50,631	50,598
1975.....	50,544	50,513	50,600	50,680	50,997	50,802	51,072	51,060	51,159	51,122	51,050	50,941
1976.....	50,944	51,017	51,075	51,277	51,435	51,492	51,675	51,698	51,851	51,912	52,066	52,078
CIVILIAN LABOR FORCE - FEMALES 20 YEARS AND OVER												
1972.....	29,454	29,362	29,584	29,558	29,700	29,644	29,734	29,863	29,864	29,911	29,859	29,967
1973.....	29,924	30,239	30,357	30,527	30,571	30,771	30,848	30,841	30,961	31,003	31,283	31,246
1974.....	31,142	31,393	31,534	31,616	31,690	31,834	32,240	32,041	32,113	32,003	32,182	32,291
1975.....	32,535	32,372	32,658	32,831	32,887	32,955	33,028	33,142	33,144	33,270	33,278	33,395
1976.....	33,660	33,721	33,858	34,013	33,999	34,278	34,487	34,562	34,540	34,444	34,848	34,938
CIVILIAN LABOR FORCE - BOTH SEXES 20-24 YEARS												
1972.....	11,675	11,715	11,798	11,836	11,907	11,985	12,046	12,098	12,147	12,248	12,240	12,325
1973.....	12,338	12,467	12,589	12,608	12,589	12,681	12,700	12,630	12,737	12,802	12,873	12,984
1974.....	12,850	12,967	12,947	12,945	13,035	13,010	13,054	13,112	13,245	13,239	13,315	13,368
1975.....	13,363	13,354	13,384	13,420	13,548	13,392	13,531	13,562	13,599	13,508	13,429	13,594
1976.....	13,638	13,725	13,751	13,923	13,945	13,949	14,055	13,958	13,960	14,046	14,180	14,238
CIVILIAN LABOR FORCE - MALES 20-24 YEARS												
1972.....	6,474	6,517	6,608	6,603	6,572	6,700	6,727	6,720	6,783	6,840	6,830	6,911
1973.....	6,896	6,948	7,036	7,045	7,031	7,067	7,083	7,045	7,075	7,164	7,209	7,321
1974.....	7,261	7,231	7,171	7,171	7,247	7,228	7,176	7,206	7,331	7,357	7,376	7,348
1975.....	7,350	7,353	7,369	7,366	7,438	7,322	7,430	7,445	7,496	7,444	7,379	7,453
1976.....	7,484	7,575	7,551	7,636	7,661	7,602	7,687	7,629	7,677	7,777	7,819	7,901

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB. '1	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE - FEMALES 20-24 YEARS												
IN THOUSANDS												
1972.....	5,201	5,198	5,190	5,233	5,335	5,285	5,319	5,378	5,364	5,468	5,410	5,414
1973.....	5,442	5,519	5,553	5,563	5,558	5,614	5,617	5,585	5,662	5,638	5,664	5,663
1974.....	5,589	5,736	5,776	5,774	5,788	5,782	5,878	5,906	5,914	5,882	5,939	6,020
1975.....	6,013	6,001	6,015	6,054	6,110	6,070	6,101	6,117	6,103	6,064	6,050	6,141
1976.....	6,154	6,150	6,200	6,287	6,284	6,347	6,368	6,329	6,283	6,269	6,361	6,337
CIVILIAN LABOR FORCE - BOTH SEXES 25 YEARS AND OVER												
1972.....	66,072	66,023	66,407	66,330	66,486	66,515	66,589	66,675	66,766	66,726	66,587	66,844
1973.....	66,609	67,007	67,221	67,294	67,361	67,562	67,739	67,673	67,846	67,976	68,246	68,382
1974.....	68,646	68,806	68,799	68,788	68,950	69,064	69,387	69,224	69,373	69,408	69,430	69,543
1975.....	69,748	69,548	69,848	70,117	70,345	70,375	70,611	70,569	70,761	70,623	70,610	70,748
1976.....	71,004	71,025	71,169	71,403	71,501	71,801	72,140	72,215	72,497	72,363	72,635	72,789
CIVILIAN LABOR FORCE - MALES 25 YEARS AND OVER												
1972.....	41,815	41,842	42,025	42,015	42,106	42,152	42,200	42,204	42,240	42,213	42,156	42,275
1973.....	42,109	42,273	42,426	42,334	42,323	42,417	42,531	42,436	42,533	42,596	42,663	42,809
1974.....	43,059	43,138	43,052	42,949	43,018	43,033	43,025	43,115	43,163	43,267	43,234	43,285
1975.....	43,193	43,171	43,222	43,350	43,523	43,486	43,640	43,581	43,715	43,694	43,636	43,513
1976.....	43,463	43,450	43,525	43,679	43,746	43,880	43,964	44,017	44,237	44,158	44,212	44,210
CIVILIAN LABOR FORCE - FEMALES 25 YEARS AND OVER												
1972.....	24,257	24,181	24,382	24,315	24,380	24,363	24,389	24,471	24,526	24,513	24,431	24,549
1973.....	24,500	24,734	24,795	24,960	25,038	25,145	25,208	25,237	25,313	25,380	25,583	25,573
1974.....	25,587	25,668	25,747	25,839	25,932	26,031	26,362	26,109	26,210	26,141	26,196	26,258
1975.....	26,555	26,377	26,626	26,767	26,822	26,889	26,971	26,988	27,046	27,229	27,174	27,235
1976.....	27,541	27,575	27,644	27,724	27,755	27,921	28,176	28,198	28,260	28,235	28,423	28,579
CIVILIAN LABOR FORCE - BOTH SEXES 25-54 YEARS												
1972.....	51,509	51,618	51,878	51,835	51,971	52,036	52,134	52,204	52,237	52,216	52,243	52,489
1973.....	52,501	52,852	52,980	53,150	53,215	53,425	53,570	53,539	53,710	53,862	54,034	54,250
1974.....	54,534	54,619	54,583	54,577	54,805	54,981	55,268	55,139	55,261	55,340	55,483	55,485
1975.....	55,627	55,386	55,660	55,880	56,063	56,232	56,331	56,570	56,599	56,611	56,661	56,644
1976.....	56,861	56,932	57,089	57,355	57,440	57,739	57,997	58,120	58,199	58,158	58,311	58,508
CIVILIAN LABOR FORCE - MALES 25-54 YEARS												
1972.....	32,619	32,719	32,805	32,851	32,934	32,988	33,056	33,045	33,051	33,036	33,084	33,160
1973.....	33,209	33,321	33,404	33,427	33,449	33,481	33,615	33,579	33,637	33,715	33,757	33,884
1974.....	34,132	34,095	34,056	33,946	34,101	34,129	34,122	34,162	34,186	34,299	34,351	34,334
1975.....	34,271	34,190	34,297	34,391	34,592	34,623	34,682	34,750	34,786	34,920	34,835	34,738
1976.....	34,712	34,746	34,809	34,952	35,008	35,066	35,184	35,205	35,298	35,367	35,380	35,382
CIVILIAN LABOR FORCE - FEMALES 25-54 YEARS												
1972.....	18,890	18,899	19,073	18,984	19,037	19,048	19,078	19,159	19,186	19,180	19,159	19,329
1973.....	19,292	19,531	19,576	19,723	19,766	19,944	19,955	19,960	20,073	20,147	20,337	20,366
1974.....	20,402	20,524	20,527	20,631	20,704	20,852	21,146	20,977	21,075	21,041	21,132	21,151
1975.....	21,356	21,196	21,363	21,489	21,471	21,609	21,649	21,820	21,813	21,891	21,826	21,906
1976.....	22,149	22,186	22,280	22,403	22,432	22,673	22,813	22,915	22,901	22,791	22,931	23,126
CIVILIAN LABOR FORCE - WHITE WORKERS												
1972.....	76,186	76,105	76,568	76,653	76,759	76,882	77,004	77,393	77,359	77,491	77,352	77,583
1973.....	77,270	77,935	78,174	78,336	78,341	78,863	78,665	78,632	79,068	79,369	79,775	79,764
1974.....	79,869	80,226	80,264	80,150	80,401	80,634	80,843	80,717	81,191	81,227	81,394	81,332
1975.....	81,517	81,260	81,631	81,810	82,287	82,068	82,395	82,429	82,430	82,598	82,419	82,439
1976.....	82,713	82,867	83,071	83,469	83,668	83,796	84,254	84,403	84,313	84,511	84,816	84,854
CIVILIAN LABOR FORCE - WHITE WORKERS 16-19 YEARS												
1972.....	7,059	7,045	7,086	7,152	7,106	7,154	7,091	7,271	7,221	7,247	7,294	7,354
1973.....	7,136	7,379	7,516	7,550	7,462	7,593	7,405	7,423	7,689	7,806	7,847	7,826
1974.....	7,877	7,909	7,873	7,785	7,796	7,897	7,779	7,679	8,044	7,969	7,952	7,886
1975.....	7,972	7,783	7,844	7,783	7,919	7,868	7,925	7,904	7,885	7,803	7,775	7,858
1976.....	7,937	7,932	7,964	8,156	8,134	8,014	8,133	8,126	7,948	8,036	8,011	8,019
CIVILIAN LABOR FORCE - WHITE MALES 16-19 YEARS												
1972.....	3,926	3,905	3,927	3,915	3,909	3,931	3,887	4,041	4,041	4,041	4,034	4,046
1973.....	3,946	4,079	4,176	4,143	4,054	4,158	4,125	4,075	4,244	4,300	4,315	4,294
1974.....	4,318	4,324	4,300	4,266	4,289	4,323	4,232	4,172	4,378	4,309	4,318	4,304
1975.....	4,298	4,250	4,266	4,231	4,280	4,299	4,326	4,265	4,287	4,235	4,225	4,227
1976.....	4,303	4,293	4,293	4,434	4,338	4,264	4,350	4,358	4,267	4,339	4,312	4,348
CIVILIAN LABOR FORCE - WHITE FEMALES 16-19 YEARS												
1972.....	3,133	3,140	3,159	3,237	3,197	3,223	3,204	3,230	3,180	3,206	3,260	3,308
1973.....	3,190	3,300	3,340	3,407	3,408	3,435	3,280	3,348	3,445	3,506	3,532	3,532
1974.....	3,559	3,585	3,573	3,519	3,507	3,574	3,547	3,507	3,666	3,660	3,634	3,582
1975.....	3,674	3,533	3,578	3,552	3,639	3,569	3,599	3,639	3,598	3,568	3,550	3,631
1976.....	3,634	3,639	3,671	3,722	3,796	3,750	3,783	3,768	3,681	3,697	3,699	3,671
CIVILIAN LABOR FORCE - WHITE WORKERS 20 YEARS AND OVER												
1972.....	69,127	69,060	69,482	69,501	69,653	69,728	69,913	70,122	70,138	70,244	70,058	70,229
1973.....	70,134	70,556	70,658	70,786	70,879	71,270	71,260	71,209	71,379	71,563	71,928	71,938
1974.....	71,992	72,317	72,391	72,365	72,605	72,737	73,064	73,038	73,147	73,258	73,442	73,446
1975.....	73,545	73,477	73,787	74,027	74,368	74,200	74,470	74,525	74,545	74,795	74,644	74,641
1976.....	74,776	74,935	75,107	75,313	75,534	75,782	76,121	76,277	76,365	76,475	76,805	76,835

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE - WHITE MALES 20 YEARS AND OVER												
IN THOUSANDS												
1972.....	43,567	43,551	43,764	43,791	43,839	44,002	44,051	44,088	44,158	44,225	44,142	44,231
1973.....	44,153	44,300	44,383	44,312	44,314	44,485	44,521	44,474	44,521	44,646	44,766	44,911
1974.....	45,043	45,110	45,009	44,947	45,115	45,124	45,078	45,246	45,337	45,495	45,488	45,412
1975.....	45,273	45,326	45,422	45,515	45,789	45,634	45,779	45,777	45,834	45,879	45,779	45,672
1976.....	45,631	45,743	45,839	45,949	46,083	46,143	46,287	46,355	46,489	46,561	46,667	46,624
CIVILIAN LABOR FORCE - WHITE FEMALES 20 YEARS AND OVER												
1972.....	25,560	25,509	25,718	25,710	25,814	25,726	25,862	26,034	25,980	26,019	25,916	25,998
1973.....	25,981	26,256	26,275	26,474	26,565	26,785	26,739	26,735	26,858	26,917	27,162	27,027
1974.....	26,949	27,207	27,382	27,418	27,490	27,613	27,986	27,792	27,810	27,763	27,954	28,034
1975.....	28,272	28,151	28,365	28,512	28,579	28,566	28,691	28,748	28,711	28,916	28,865	29,969
1976.....	29,145	29,192	29,268	29,364	29,451	29,639	29,834	29,922	29,876	29,914	30,138	30,211
CIVILIAN LABOR FORCE - BLACK AND OTHER WORKERS												
1972.....	9,410	9,480	9,532	9,453	9,589	9,634	9,583	9,612	9,592	9,621	9,703	9,713
1973.....	9,585	9,808	10,021	9,984	9,949	9,960	10,119	10,077	10,138	10,162	10,209	10,295
1974.....	10,392	10,356	10,294	10,199	10,290	10,318	10,311	10,309	10,410	10,436	10,368	10,367
1975.....	10,386	10,406	10,387	10,380	10,492	10,499	10,506	10,639	10,707	10,657	10,665	10,649
1976.....	10,706	10,800	10,812	10,876	10,846	10,844	10,868	10,979	10,906	10,910	11,114	11,109
CIVILIAN LABOR FORCE - BLACK AND OTHER WORKERS 16-19 YEARS												
1972.....	807	821	840	827	835	849	847	899	831	831	871	873
1973.....	824	900	885	928	895	933	917	902	961	906	928	941
1974.....	995	934	952	897	920	951	964	920	983	996	938	933
1975.....	924	968	910	942	947	944	931	933	954	953	921	954
1976.....	952	937	956	954	933	869	913	971	896	920	949	938
CIVILIAN LABOR FORCE - BLACK AND OTHER MALES 16-19 YEARS												
1972.....	436	470	480	470	491	509	477	516	478	470	503	511
1973.....	469	500	501	521	509	496	510	487	521	520	524	528
1974.....	574	530	549	505	499	530	532	520	544	562	541	517
1975.....	493	528	494	503	489	516	497	498	482	491	480	485
1976.....	501	505	511	506	500	472	490	516	490	512	517	533
CIVILIAN LABOR FORCE - BLACK AND OTHER FEMALES 16-19 YEARS												
1972.....	371	351	360	357	344	340	370	383	353	361	368	362
1973.....	355	400	384	407	386	437	407	415	440	386	404	413
1974.....	421	404	403	392	421	421	432	400	439	434	397	416
1975.....	431	440	416	439	458	428	434	435	472	462	441	469
1976.....	451	432	445	448	433	397	423	455	406	408	432	405
CIVILIAN LABOR FORCE - BLACK AND OTHER WORKERS 20 YEARS AND OVER												
1972.....	8,603	8,659	8,692	8,626	8,754	8,785	8,736	8,713	8,761	8,790	8,832	8,840
1973.....	8,761	8,908	9,136	9,056	9,054	9,027	9,202	9,175	9,177	9,256	9,281	9,354
1974.....	9,397	9,422	9,342	9,302	9,370	9,367	9,347	9,389	9,427	9,440	9,430	9,434
1975.....	9,462	9,438	9,477	9,438	9,545	9,555	9,575	9,706	9,753	9,704	9,744	9,695
1976.....	9,754	9,863	9,856	9,922	9,913	9,975	9,955	10,008	10,010	9,990	10,165	10,171
CIVILIAN LABOR FORCE - BLACK AND OTHER MALES 20 YEARS AND OVER												
1972.....	4,713	4,809	4,831	4,805	4,844	4,882	4,886	4,874	4,865	4,872	4,866	4,885
1973.....	4,812	4,916	5,050	5,035	5,040	5,047	5,102	5,071	5,071	5,144	5,139	5,161
1974.....	5,209	5,238	5,196	5,136	5,162	5,179	5,128	5,153	5,132	5,159	5,173	5,171
1975.....	5,198	5,180	5,170	5,147	5,213	5,198	5,269	5,319	5,340	5,286	5,306	5,262
1976.....	5,243	5,273	5,245	5,304	5,358	5,376	5,355	5,376	5,371	5,388	5,437	5,457
CIVILIAN LABOR FORCE - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1972.....	3,890	3,850	3,861	3,821	3,910	3,903	3,850	3,839	3,896	3,918	3,966	3,955
1973.....	3,949	3,992	4,086	4,021	4,014	3,980	4,100	4,104	4,106	4,112	4,142	4,193
1974.....	4,188	4,184	4,146	4,166	4,208	4,188	4,219	4,236	4,295	4,281	4,257	4,263
1975.....	4,264	4,258	4,307	4,291	4,332	4,357	4,306	4,387	4,413	4,418	4,438	4,433
1976.....	4,511	4,590	4,611	4,618	4,555	4,599	4,600	4,632	4,639	4,602	4,728	4,714
CIVILIAN LABOR FORCE BLACK WORKERS												
1972.....	8,472	8,544	8,607	8,582	8,664	8,754	8,625	8,678	8,676	8,657	8,741	8,753
1973.....	8,602	8,934	8,952	8,867	8,795	8,832	8,970	8,928	8,948	8,996	9,013	9,023
1974.....	9,102	9,052	8,993	8,983	9,068	9,037	9,041	9,000	9,129	9,170	9,081	9,050
1975.....	9,070	9,009	9,084	9,032	9,128	9,146	9,079	9,163	9,226	9,171	9,189	9,217
1976.....	9,262	9,288	9,337	9,477	9,356	9,373	9,341	9,460	9,375	9,392	9,561	9,564
CIVILIAN LABOR FORCE - BLACK WORKERS 16-19 YEARS												
1972.....	743	758	762	771	775	815	779	823	775	782	789	808
1973.....	726	919	887	847	809	854	840	809	875	845	841	837
1974.....	853	817	835	796	836	867	861	798	867	884	832	825
1975.....	815	828	816	843	837	847	815	773	822	823	809	846
1976.....	825	809	831	894	846	782	813	852	802	803	822	809
CIVILIAN LABOR FORCE - BLACK MALES 16-19 YEARS												
1972.....	394	431	425	449	469	489	453	486	436	437	451	463
1973.....	401	556	530	475	455	442	457	441	476	489	471	464
1974.....	478	457	484	450	461	479	480	451	491	501	480	468
1975.....	437	444	436	457	446	483	447	406	419	427	421	426
1976.....	429	419	426	494	458	424	447	461	446	454	448	461

HOUSEHOLD DATA SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE - BLACK FEMALES 16-19 YEARS												
IN THOUSANDS												
1972.....	349	327	337	322	306	326	326	337	339	345	338	345
1973.....	325	363	357	372	354	412	383	368	399	356	370	373
1974.....	375	360	351	346	375	388	381	347	376	383	352	357
1975.....	378	384	380	386	391	364	368	367	403	396	388	420
1976.....	396	390	405	400	388	358	366	391	356	349	374	348
CIVILIAN LABOR FORCE - BLACK WORKERS 20 YEARS AND OVER												
1972.....	7,729	7,786	7,845	7,811	7,889	7,939	7,846	7,855	7,901	7,875	7,952	7,945
1973.....	7,876	8,015	8,065	8,020	7,986	7,978	8,130	8,119	8,073	8,151	8,172	8,186
1974.....	8,249	8,235	8,158	8,187	8,232	8,170	8,180	8,262	8,262	8,286	8,249	8,225
1975.....	8,255	8,181	8,268	8,189	8,291	8,299	8,264	8,390	8,404	8,348	8,380	8,371
1976.....	8,437	8,479	8,506	8,583	8,510	8,591	8,528	8,603	8,573	8,589	8,739	8,755
CIVILIAN LABOR FORCE - BLACK MALES 20 YEARS AND OVER												
1972.....	4,227	4,293	4,333	4,329	4,348	4,390	4,368	4,373	4,372	4,348	4,345	4,349
1973.....	4,310	4,391	4,449	4,416	4,412	4,429	4,456	4,441	4,414	4,474	4,474	4,486
1974.....	4,553	4,549	4,523	4,498	4,501	4,498	4,441	4,470	4,467	4,508	4,501	4,466
1975.....	4,520	4,455	4,479	4,434	4,492	4,490	4,523	4,587	4,596	4,542	4,554	4,536
1976.....	4,517	4,527	4,499	4,568	4,555	4,593	4,568	4,604	4,592	4,607	4,676	4,687
CIVILIAN LABOR FORCE - BLACK FEMALES 20 YEARS AND OVER												
1972.....	3,502	3,493	3,512	3,482	3,541	3,549	3,478	3,482	3,529	3,527	3,607	3,596
1973.....	3,566	3,624	3,616	3,604	3,574	3,549	3,674	3,678	3,659	3,677	3,693	3,700
1974.....	3,696	3,686	3,635	3,689	3,731	3,672	3,739	3,732	3,795	3,778	3,748	3,739
1975.....	3,735	3,726	3,789	3,755	3,799	3,809	3,741	3,863	3,808	3,806	3,826	3,835
1976.....	3,920	3,952	4,007	4,015	3,955	3,998	3,960	4,004	3,981	3,982	4,063	4,068
CIVILIAN LABOR FORCE - FULL-TIME WORKERS												
1972.....	73,154	73,044	73,498	73,542	73,767	74,429	74,244	74,376	74,273	74,543	74,346	74,857
1973.....	74,766	75,176	75,424	75,428	75,495	76,118	75,994	75,914	76,035	76,315	76,740	76,825
1974.....	77,247	77,469	77,373	77,515	77,611	77,669	77,695	77,913	78,360	78,423	78,444	78,446
1975.....	78,703	78,432	78,557	78,785	79,422	78,856	78,938	79,315	79,615	79,641	79,536	79,780
1976.....	79,801	79,965	80,310	80,524	80,763	80,684	81,006	81,177	80,977	81,297	81,796	82,048
CIVILIAN LABOR FORCE - FULL-TIME WORKERS 16-19 YEARS												
1972.....	4,166	4,068	4,193	4,173	4,197	4,523	4,316	4,456	4,366	4,407	4,481	4,545
1973.....	4,559	4,649	4,675	4,607	4,646	4,828	4,634	4,600	4,732	4,830	4,884	4,851
1974.....	5,070	4,971	4,981	5,024	4,965	4,921	4,812	4,810	5,149	5,075	5,071	4,948
1975.....	4,903	4,824	4,736	4,830	5,069	4,880	4,834	4,878	4,797	4,799	4,708	4,774
1976.....	4,787	4,933	5,012	5,066	5,035	4,791	4,787	4,951	4,702	4,658	4,859	4,885
CIVILIAN LABOR FORCE - FULL-TIME MALES 20 YEARS AND OVER												
1972.....	45,954	45,964	46,124	46,204	46,237	46,462	46,540	46,522	46,560	46,666	46,525	46,660
1973.....	46,657	46,795	46,994	46,920	46,858	47,120	47,210	47,126	47,179	47,279	47,466	47,586
1974.....	47,771	47,911	47,785	47,726	47,818	47,835	47,766	47,944	47,907	48,094	48,136	48,044
1975.....	48,063	47,971	47,998	48,141	48,317	48,164	48,387	48,474	48,614	48,600	48,559	48,526
1976.....	48,422	48,410	48,604	48,663	48,830	48,882	49,177	49,179	49,271	49,391	49,479	49,456
CIVILIAN LABOR FORCE - FULL-TIME FEMALES 20 YEARS AND OVER												
1972.....	23,034	23,012	23,181	23,165	23,333	23,444	23,388	23,398	23,347	23,447	23,340	23,452
1973.....	23,550	23,732	23,755	23,901	23,991	24,170	24,150	24,188	24,124	24,206	24,456	24,388
1974.....	24,406	24,587	24,607	24,765	24,828	24,913	25,117	25,159	25,304	25,254	25,237	25,454
1975.....	25,737	25,637	25,823	25,814	26,036	25,812	25,717	25,963	26,204	26,242	26,269	26,480
1976.....	26,592	26,622	26,694	26,795	26,898	27,011	27,042	27,047	27,004	27,048	27,448	27,707
CIVILIAN LABOR FORCE - PART-TIME WORKERS												
1972.....	12,474	12,492	12,503	12,535	12,529	11,953	12,328	12,666	12,754	12,521	12,844	12,658
1973.....	12,238	12,617	12,731	12,959	12,864	12,485	12,571	12,693	13,238	13,169	13,171	13,233
1974.....	13,180	13,166	13,162	13,008	13,175	13,187	13,375	13,068	13,310	13,207	13,271	13,273
1975.....	13,341	13,239	13,340	13,467	13,408	13,716	14,078	13,833	13,637	13,562	13,473	13,344
1976.....	13,728	13,719	13,529	13,916	13,801	13,993	14,181	14,351	14,340	14,059	14,040	13,912
CIVILIAN LABOR FORCE - PART-TIME WORKERS 16-19 YEARS												
1972.....	3,643	3,708	3,684	3,763	3,705	3,386	3,658	3,737	3,700	3,668	3,703	3,691
1973.....	3,424	3,652	3,736	3,911	3,780	3,522	3,472	3,640	3,937	3,896	3,912	3,910
1974.....	3,825	3,898	3,869	3,787	3,856	3,875	3,822	3,737	3,904	3,914	3,867	3,887
1975.....	3,966	3,915	3,953	3,934	3,867	3,981	4,072	4,063	4,047	3,952	3,983	3,992
1976.....	4,039	3,949	3,908	4,090	4,078	4,193	4,285	4,340	4,151	4,091	4,108	4,038
CIVILIAN LABOR FORCE - PART-TIME MALES 20 YEARS AND OVER												
1972.....	2,369	2,395	2,471	2,399	2,416	2,422	2,393	2,444	2,452	2,392	2,458	2,477
1973.....	2,377	2,418	2,432	2,450	2,462	2,393	2,432	2,412	2,386	2,481	2,473	2,490
1974.....	2,566	2,434	2,409	2,396	2,415	2,439	2,472	2,437	2,545	2,538	2,499	2,535
1975.....	2,515	2,535	2,554	2,554	2,613	2,640	2,721	2,633	2,570	2,557	2,523	2,406
1976.....	2,563	2,606	2,459	2,642	2,555	2,595	2,508	2,541	2,593	2,544	2,600	2,610
CIVILIAN LABOR FORCE - PART-TIME FEMALES 20 YEARS AND OVER												
1972.....	6,462	6,389	6,348	6,373	6,408	6,145	6,277	6,485	6,602	6,461	6,483	6,490
1973.....	6,437	6,547	6,563	6,598	6,622	6,570	6,667	6,641	6,915	6,792	6,786	6,833
1974.....	6,789	6,828	6,884	6,825	6,904	6,873	7,081	6,834	6,861	6,755	6,905	6,851
1975.....	6,860	6,789	6,833	6,979	6,928	7,095	7,285	7,137	7,020	7,052	6,967	6,946
1976.....	7,126	7,164	7,162	7,184	7,168	7,205	7,388	7,470	7,596	7,424	7,338	7,264

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE												
1972.....	60.2	60.1	60.5	60.3	60.4	60.4	60.4	60.5	60.4	60.4	60.3	60.4
1973.....	60.0	60.5	60.8	60.8	60.7	60.9	60.8	60.7	60.9	61.0	61.2	61.2
1974.....	61.3	61.4	61.3	61.0	61.2	61.3	61.3	61.1	61.4	61.3	61.3	61.2
1975.....	61.3	61.0	61.2	61.2	61.5	61.3	61.4	61.4	61.3	61.2	61.1	61.1
1976.....	61.2	61.2	61.3	61.5	61.6	61.6	61.8	61.8	61.7	61.6	61.9	61.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES												
1972.....	78.8	78.7	79.1	78.9	78.9	79.0	78.9	79.1	79.0	78.9	78.8	79.0
1973.....	78.4	78.8	79.2	78.9	78.7	78.9	78.9	78.5	78.7	78.9	79.0	79.2
1974.....	79.4	79.3	79.0	78.6	78.8	78.7	78.4	78.4	78.7	78.7	78.6	78.4
1975.....	78.1	77.9	78.0	77.9	78.4	78.0	78.2	78.0	78.0	77.8	77.5	77.3
1976.....	77.2	77.2	77.2	77.6	77.6	77.5	77.7	77.7	77.6	77.7	77.8	77.7
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES												
1972.....	43.8	43.6	43.9	43.9	43.9	43.8	43.9	44.0	43.9	43.9	43.9	44.0
1973.....	43.7	44.3	44.4	44.6	44.6	44.9	44.7	44.7	45.0	45.0	45.3	45.2
1974.....	45.1	45.4	45.5	45.4	45.5	45.7	46.1	45.7	46.0	45.8	45.9	45.9
1975.....	46.2	45.8	46.1	46.3	46.4	46.3	46.3	46.5	46.4	46.5	46.4	46.6
1976.....	46.8	46.8	47.0	47.2	47.2	47.4	47.6	47.7	47.4	47.2	47.7	47.7
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 16-19 YEARS												
1972.....	51.2	51.3	51.8	51.8	51.6	52.0	51.4	52.0	51.7	52.0	52.4	52.9
1973.....	50.9	53.0	53.7	53.9	53.4	54.4	52.7	52.9	54.6	55.0	55.3	55.2
1974.....	55.5	55.5	55.3	54.1	54.6	55.3	54.3	53.6	55.9	55.6	55.1	54.5
1975.....	54.9	54.0	54.1	53.7	54.9	54.4	54.2	54.2	54.0	53.5	53.2	53.9
1976.....	54.2	54.1	54.5	55.4	55.5	54.3	54.9	55.3	53.8	54.4	54.4	54.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 16-19 YEARS												
1972.....	56.9	57.4	57.9	57.4	57.6	58.0	56.8	59.4	58.4	58.5	58.6	59.2
1973.....	56.9	59.1	60.3	60.0	59.0	59.9	59.3	58.6	60.5	61.3	61.4	61.3
1974.....	61.8	61.5	61.4	60.1	60.9	61.3	60.0	59.1	61.6	61.0	60.8	60.3
1975.....	59.8	59.4	59.5	59.0	59.9	60.0	59.8	59.0	58.8	58.3	58.1	58.2
1976.....	59.2	59.0	59.2	60.7	60.0	58.5	59.5	59.7	58.3	59.4	59.1	59.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 16-19 YEARS												
1972.....	45.5	45.3	45.8	46.3	45.7	46.1	46.0	46.2	45.2	45.6	46.4	46.8
1973.....	45.1	47.1	47.3	47.9	47.8	49.0	46.2	47.2	48.7	48.8	49.3	49.3
1974.....	49.4	49.5	49.4	48.2	48.5	49.5	48.8	48.1	50.4	50.3	49.6	48.9
1975.....	50.2	48.8	48.9	48.5	50.0	48.9	48.8	49.5	49.4	48.8	48.4	49.6
1976.....	49.3	49.3	49.9	50.2	51.1	50.2	50.3	50.9	49.3	49.5	49.8	49.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 20 YEARS AND OVER												
1972.....	61.3	61.2	61.5	61.4	61.4	61.4	61.5	61.5	61.4	61.4	61.3	61.4
1973.....	61.1	61.4	61.6	61.6	61.5	61.7	61.8	61.6	61.6	61.7	61.9	62.0
1974.....	62.0	62.1	62.0	61.9	62.0	62.0	62.2	62.0	62.1	62.0	62.1	62.0
1975.....	62.1	61.8	62.0	62.1	62.3	62.1	62.2	62.2	62.2	62.2	62.0	61.9
1976.....	62.0	62.0	62.1	62.3	62.3	62.4	62.6	62.6	62.6	62.5	62.8	62.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 20 YEARS AND OVER												
1972.....	81.6	81.5	81.8	81.6	81.6	81.7	81.8	81.6	81.6	81.6	81.4	81.5
1973.....	81.1	81.3	81.6	81.3	81.2	81.3	81.4	81.2	81.1	81.2	81.3	81.4
1974.....	81.7	81.6	81.3	80.9	81.1	81.0	80.8	80.9	80.9	81.0	80.9	80.7
1975.....	80.5	80.3	80.3	80.3	80.7	80.3	80.6	80.4	80.4	80.2	80.0	79.7
1976.....	79.5	79.5	79.5	79.7	79.9	79.8	80.0	79.9	80.0	80.0	80.1	79.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 20 YEARS AND OVER												
1972.....	43.6	43.4	43.7	43.6	43.7	43.6	43.6	43.8	43.7	43.7	43.6	43.7
1973.....	43.5	43.9	44.1	44.2	44.2	44.5	44.5	44.4	44.6	44.5	44.9	44.8
1974.....	44.6	44.9	45.0	45.1	45.1	45.3	45.8	45.4	45.5	45.2	45.4	45.5
1975.....	45.8	45.5	45.8	46.0	46.0	46.0	46.0	46.1	46.1	46.2	46.1	46.2
1976.....	46.5	46.5	46.7	46.8	46.7	47.0	47.3	47.3	47.2	47.0	47.5	47.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 20-24 YEARS												
1972.....	69.6	69.7	69.9	70.1	70.4	70.5	70.8	71.0	71.2	71.6	71.4	71.7
1973.....	71.6	72.2	72.6	72.6	72.4	72.6	72.6	72.1	72.5	72.8	73.0	73.4
1974.....	73.6	74.1	73.8	73.6	74.0	73.6	73.8	73.9	74.4	74.2	74.5	74.6
1975.....	74.3	74.1	74.1	74.1	74.6	73.6	74.1	74.2	74.2	73.5	73.0	73.7
1976.....	73.8	74.1	74.1	74.9	74.9	74.8	75.3	74.6	74.5	74.8	75.4	75.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 20-24 YEARS												
1972.....	83.2	83.4	83.8	83.5	82.9	83.6	83.9	83.7	84.4	84.7	84.4	85.0
1973.....	84.6	85.0	85.6	85.5	85.1	85.0	85.1	84.4	84.5	85.4	85.8	86.7
1974.....	87.4	86.9	85.8	85.6	86.3	85.8	85.1	85.1	86.2	86.3	86.3	85.8
1975.....	85.3	85.1	85.1	84.8	85.4	83.8	84.8	84.8	85.0	84.3	83.4	84.0
1976.....	84.0	84.9	84.5	85.3	85.4	84.6	85.4	84.6	84.9	85.9	86.2	87.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 20-24 YEARS												
1972.....	57.9	57.8	57.8	58.2	59.3	58.8	59.1	59.7	59.5	59.9	59.8	59.8
1973.....	60.0	60.7	60.9	61.0	60.8	61.4	61.3	60.9	61.6	61.2	61.4	61.3
1974.....	61.0	62.5	62.8	62.7	62.7	62.6	63.5	63.7	63.7	63.2	63.6	64.4
1975.....	64.2	63.9	63.9	64.3	64.7	64.1	64.3	64.3	64.1	63.6	63.4	64.2
1976.....	64.2	64.1	64.5	65.3	65.2	65.7	65.8	65.3	64.7	64.5	65.3	65.0

HOUSEHOLD DATA SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 25 YEARS AND OVER												
1972.....	60.1	59.9	60.2	60.0	60.1	60.0	60.0	60.0	60.0	59.9	59.7	59.8
1973.....	59.5	59.8	59.9	59.9	59.9	60.0	60.1	59.9	60.0	60.0	60.2	60.2
1974.....	60.2	60.3	60.2	60.1	60.2	60.2	60.4	60.2	60.2	60.1	60.1	60.1
1975.....	60.2	59.9	60.1	60.3	60.4	60.3	60.4	60.3	60.4	60.4	60.2	60.1
1976.....	60.2	60.2	60.2	60.3	60.3	60.5	60.7	60.7	60.8	60.6	60.7	60.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 25 YEARS AND OVER												
1972.....	81.3	81.2	81.5	81.4	81.4	81.4	81.4	81.3	81.2	81.1	80.9	81.0
1973.....	80.6	80.8	81.0	80.7	80.6	80.7	80.8	80.5	80.5	80.6	80.6	80.7
1974.....	80.8	80.8	80.6	80.2	80.3	80.2	80.1	80.1	80.1	80.2	80.0	80.0
1975.....	79.7	79.5	79.5	79.7	79.9	79.7	79.9	79.6	79.8	79.6	79.4	79.0
1976.....	78.8	78.7	78.7	78.9	78.9	79.1	79.1	79.1	79.3	79.1	79.0	78.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 25 YEARS AND OVER												
1972.....	41.4	41.2	41.5	41.3	41.4	41.3	41.2	41.3	41.4	41.3	41.1	41.2
1973.....	41.1	41.4	41.5	41.7	41.8	41.9	41.9	41.9	42.0	42.0	42.3	42.2
1974.....	42.2	42.2	42.3	42.4	42.5	42.6	43.1	42.6	42.7	42.5	42.6	42.6
1975.....	43.0	42.7	43.0	43.2	43.2	43.3	43.3	43.3	43.3	43.6	43.4	43.4
1976.....	43.9	43.9	43.9	44.0	44.0	44.2	44.5	44.5	44.5	44.4	44.6	44.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 25-34 YEARS												
1972.....	70.2	70.5	70.7	70.6	70.7	71.0	70.9	70.8	71.0	71.0	70.7	71.0
1973.....	71.3	71.8	71.7	71.8	71.9	72.2	72.2	72.3	72.2	72.6	72.9	73.2
1974.....	73.2	73.3	73.2	72.9	73.2	73.1	73.4	73.5	73.6	73.8	74.0	73.6
1975.....	73.9	73.4	73.8	74.1	74.3	74.6	74.6	74.6	74.8	74.8	74.6	74.3
1976.....	74.8	74.8	75.1	75.5	75.6	76.0	76.2	76.2	76.1	75.7	75.7	75.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 25-34 YEARS												
1972.....	95.7	95.8	96.0	95.7	95.6	95.8	95.7	95.7	95.6	95.5	95.2	95.3
1973.....	95.5	95.8	95.7	95.7	95.7	95.8	96.0	95.6	95.4	95.8	95.7	96.0
1974.....	96.5	96.0	96.0	95.6	95.9	95.9	95.8	95.7	95.6	95.8	96.1	95.7
1975.....	95.4	95.1	95.2	95.5	95.5	95.5	95.5	95.2	95.3	95.7	95.3	94.9
1976.....	94.7	95.0	95.1	95.4	95.5	95.6	95.5	95.3	95.5	95.6	95.5	95.2
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 25-34 YEARS												
1972.....	46.5	47.0	47.1	47.3	47.4	47.8	47.6	47.5	48.0	48.2	47.9	48.4
1973.....	48.7	49.4	49.3	49.4	49.7	50.1	50.0	50.4	50.3	50.9	51.6	51.7
1974.....	51.4	52.0	51.9	51.6	52.0	51.8	52.4	52.7	53.0	53.1	53.3	53.0
1975.....	53.8	53.1	53.7	54.2	54.4	54.9	55.0	55.2	55.6	55.2	55.1	55.0
1976.....	56.0	55.7	56.2	56.8	56.9	57.7	58.1	58.3	57.8	56.9	57.1	57.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 35-44 YEARS												
1972.....	73.1	72.9	73.3	73.2	73.4	73.2	73.3	73.4	73.3	73.1	73.6	73.6
1973.....	73.4	73.6	73.8	73.9	74.1	74.3	73.9	73.9	74.1	74.0	74.0	74.1
1974.....	74.3	74.3	74.0	74.2	74.2	74.7	75.2	74.8	74.9	74.6	74.8	74.9
1975.....	74.9	74.4	74.5	74.9	74.9	74.9	75.0	75.5	75.2	75.3	75.2	75.1
1976.....	75.2	75.5	75.7	75.7	75.5	75.7	75.9	76.1	76.3	76.2	76.5	76.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 35-44 YEARS												
1972.....	96.0	96.1	96.1	96.2	96.5	96.4	96.7	96.7	96.4	96.1	96.6	96.4
1973.....	96.3	96.4	96.3	96.3	96.2	95.9	96.2	96.0	96.1	96.0	96.0	96.2
1974.....	96.5	96.4	96.3	95.9	96.1	96.0	95.7	95.9	96.0	96.0	95.9	95.9
1975.....	95.5	95.2	95.3	95.4	96.0	96.0	96.1	96.1	96.0	95.8	95.8	95.3
1976.....	95.1	95.1	95.3	95.4	95.5	94.9	95.6	95.7	95.9	95.7	95.8	95.5
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 35-44 YEARS												
1972.....	52.0	51.5	52.3	52.0	52.1	51.6	51.6	51.8	51.9	51.9	52.4	52.5
1973.....	52.3	52.5	53.0	53.0	53.6	54.3	53.3	53.4	53.7	53.7	53.6	53.5
1974.....	53.7	53.8	53.5	54.2	54.0	54.9	56.2	55.2	55.3	54.9	55.3	55.4
1975.....	55.9	55.2	55.3	55.8	55.3	55.4	55.5	56.4	56.0	56.3	56.1	56.4
1976.....	56.8	57.3	57.6	57.5	57.1	58.0	57.7	58.1	58.3	58.2	58.6	58.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 45-54 YEARS												
1972.....	73.2	73.1	73.3	72.9	72.8	72.8	72.7	72.8	72.5	72.3	71.9	72.3
1973.....	71.9	72.3	72.3	72.6	72.2	72.3	72.8	72.4	72.8	72.6	72.8	72.8
1974.....	72.9	72.8	72.7	72.6	72.8	72.9	73.1	72.4	72.5	72.6	72.4	72.6
1975.....	72.5	72.2	72.6	72.5	72.8	72.8	72.7	73.0	72.6	73.2	72.6	72.6
1976.....	72.5	72.3	72.1	72.3	72.4	72.5	72.9	72.8	72.8	73.0	73.0	73.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 45-54 YEARS												
1972.....	93.4	93.4	93.4	93.5	93.4	93.5	93.4	92.9	93.0	93.0	92.9	93.1
1973.....	92.8	92.9	93.2	92.9	92.8	92.9	93.0	92.9	93.1	93.1	92.9	92.9
1974.....	93.0	93.0	92.4	91.8	92.1	92.1	92.0	91.9	91.8	92.2	91.9	91.9
1975.....	91.6	91.2	91.6	91.7	92.5	92.4	92.2	92.9	92.5	93.0	92.3	92.0
1976.....	91.7	91.2	91.1	91.4	91.4	91.4	91.8	91.8	91.7	91.9	91.6	91.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 45-54 YEARS												
1972.....	54.7	54.4	54.8	53.9	53.8	53.7	53.7	54.3	53.7	53.3	52.7	53.3
1973.....	52.7	53.4	53.1	53.9	53.3	53.4	54.3	53.6	54.1	53.9	54.5	54.3
1974.....	54.2	54.2	54.5	54.7	54.9	55.2	55.5	54.4	54.6	54.4	54.4	54.6
1975.....	54.7	54.6	55.0	54.7	54.5	54.7	54.5	54.5	54.2	54.9	54.4	54.6
1976.....	54.8	54.7	54.4	54.4	54.7	54.6	55.2	55.1	55.2	55.3	55.7	55.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 55 YEARS AND OVER												
1972.....	37.8	37.4	37.5	37.4	37.4	37.4	37.2	37.3	37.3	37.3	36.7	36.6
1973.....	36.1	36.2	36.2	36.0	35.9	36.1	36.1	36.0	35.8	35.8	35.7	35.6
1974.....	35.5	35.7	35.6	35.6	35.3	35.2	35.2	35.2	35.1	35.0	34.5	34.9
1975.....	35.0	35.0	34.8	35.0	35.0	34.7	34.8	34.4	34.4	34.5	34.3	34.3
1976.....	34.3	34.2	33.9	33.8	33.7	33.8	33.8	34.0	34.1	34.0	34.1	34.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 55 YEARS AND OVER												
1972.....	53.9	53.4	53.8	53.5	53.5	53.6	53.3	53.4	53.3	53.4	52.6	52.7
1973.....	51.6	51.8	52.1	51.5	51.3	51.7	51.5	51.1	51.1	51.2	51.1	51.1
1974.....	51.0	51.5	51.1	51.1	50.6	50.5	50.4	50.7	50.4	50.7	49.9	50.3
1975.....	50.2	50.1	49.7	49.9	49.8	49.3	49.7	49.2	49.0	48.8	48.6	48.4
1976.....	48.3	47.7	47.7	47.8	47.9	48.1	47.9	48.2	48.3	48.0	47.9	47.7
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 55 YEARS AND OVER												
1972.....	24.9	24.7	24.6	24.5	24.6	24.6	24.5	24.6	24.7	24.5	24.2	24.0
1973.....	23.8	23.9	23.7	23.8	23.8	23.8	23.9	24.0	23.8	23.6	23.6	23.5
1974.....	23.3	23.3	23.3	23.3	23.2	23.2	23.2	23.0	22.9	22.6	22.4	22.7
1975.....	23.0	23.1	23.1	23.2	23.3	23.2	23.1	22.8	22.9	23.2	23.1	23.2
1976.....	23.3	23.5	23.1	22.9	22.7	22.6	22.8	22.9	23.0	23.0	23.2	23.3
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 55-64 YEARS												
1972.....	60.8	60.2	60.2	60.4	60.5	60.4	60.1	60.1	60.2	60.0	59.5	59.4
1973.....	58.9	59.1	58.8	58.4	58.3	58.5	58.6	58.4	58.5	58.4	58.2	58.3
1974.....	58.4	58.7	58.6	58.6	58.1	58.0	58.1	58.0	57.6	57.3	57.0	57.5
1975.....	57.6	57.6	57.3	57.5	57.6	57.4	57.6	57.3	57.3	57.3	57.1	57.1
1976.....	56.9	56.7	56.4	56.7	56.3	56.7	56.8	57.3	57.2	57.1	57.1	56.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 55-64 YEARS												
1972.....	80.8	80.2	80.8	80.9	81.0	81.0	80.4	80.6	80.4	80.6	79.6	79.8
1973.....	78.9	79.2	78.9	78.3	77.9	78.5	78.1	77.6	78.1	78.0	77.8	78.0
1974.....	78.1	78.6	78.2	78.1	77.3	77.1	77.3	77.3	76.9	76.8	76.5	76.6
1975.....	76.6	76.4	75.6	76.1	76.2	75.7	76.2	75.9	75.6	75.4	75.1	74.8
1976.....	74.6	73.7	73.7	74.4	74.4	74.9	74.7	75.3	75.1	74.8	74.4	74.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 55-64 YEARS												
1972.....	43.0	42.4	42.0	42.2	42.3	42.2	42.1	42.0	42.3	41.9	41.7	41.4
1973.....	41.4	41.4	41.2	40.9	41.1	40.9	41.3	41.4	41.2	41.1	40.9	40.9
1974.....	40.9	40.9	41.2	41.3	40.9	41.1	41.2	40.7	40.5	40.0	39.7	40.4
1975.....	40.8	41.0	41.0	41.0	41.1	41.1	41.0	40.7	41.0	41.3	41.1	41.3
1976.....	41.1	41.6	40.9	40.9	40.3	40.5	40.9	41.2	41.2	41.3	41.5	41.5
CIVILIAN LABOR FORCE PARTICIPATION RATE - BOTH SEXES 65 YEARS AND OVER												
1972.....	16.0	15.8	15.9	15.5	15.5	15.5	15.6	15.7	15.7	15.7	15.2	15.1
1973.....	14.5	14.6	14.8	14.7	14.7	14.9	14.8	14.8	14.5	14.5	14.5	14.3
1974.....	14.2	14.3	14.1	14.1	14.0	14.0	14.0	14.1	14.1	14.3	13.7	14.0
1975.....	14.0	14.1	14.1	14.3	14.2	13.9	13.9	13.5	13.4	13.5	13.5	13.5
1976.....	13.6	13.6	13.5	13.0	13.1	13.0	12.9	12.8	13.1	13.0	13.2	13.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - MALES 65 YEARS AND OVER												
1972.....	25.3	24.7	24.9	24.1	24.2	24.2	24.3	24.3	24.5	24.3	23.7	23.7
1973.....	22.6	22.7	23.5	22.8	22.9	23.0	23.0	22.9	22.3	22.7	22.6	22.3
1974.....	22.3	22.6	22.3	22.5	22.2	22.3	22.2	22.6	22.5	23.1	21.9	22.5
1975.....	22.3	22.5	22.5	22.2	22.2	21.6	21.9	21.3	21.2	20.9	20.9	20.8
1976.....	20.8	20.6	20.6	19.9	20.1	20.1	19.9	20.0	20.2	20.0	20.3	20.5
CIVILIAN LABOR FORCE PARTICIPATION RATE - FEMALES 65 YEARS AND OVER												
1972.....	9.3	9.4	9.5	9.2	9.3	9.3	9.4	9.5	9.4	9.6	9.2	9.0
1973.....	8.7	8.9	8.7	9.1	9.0	9.1	9.0	9.2	8.9	8.7	8.8	8.6
1974.....	8.4	8.4	8.2	8.2	8.3	8.2	8.2	8.2	8.2	8.1	7.9	8.0
1975.....	8.1	8.2	8.2	8.5	8.5	8.4	8.3	8.0	7.9	8.3	8.3	8.4
1976.....	8.6	8.7	8.5	8.1	8.3	8.0	8.0	7.9	8.1	8.2	8.3	8.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE WORKERS												
1972.....	60.3	60.1	60.4	60.4	60.4	60.4	60.4	60.6	60.5	60.5	60.4	60.5
1973.....	60.1	60.6	60.8	60.8	60.7	61.1	60.8	60.7	60.9	61.1	61.3	61.3
1974.....	61.3	61.4	61.4	61.2	61.3	61.4	61.5	61.3	61.6	61.5	61.6	61.4
1975.....	61.5	61.2	61.4	61.5	61.8	61.5	61.7	61.6	61.5	61.6	61.4	61.3
1976.....	61.4	61.5	61.5	61.8	61.8	61.9	62.1	62.1	62.0	62.1	62.2	62.2
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE MALES 16-19 YEARS												
1972.....	59.8	59.3	59.7	59.4	59.2	59.5	58.7	61.0	60.9	60.9	60.7	61.1
1973.....	59.4	61.3	62.6	62.0	60.6	62.0	61.4	60.5	62.9	63.7	63.8	63.5
1974.....	63.9	63.9	63.4	62.8	63.0	63.4	62.0	61.1	64.0	63.0	63.1	62.8
1975.....	62.8	62.0	62.2	61.6	62.3	62.5	62.8	61.8	62.1	61.3	61.1	61.1
1976.....	62.2	62.1	62.0	64.0	62.6	61.4	62.6	62.7	61.4	62.4	62.0	62.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE FEMALES 16-19 YEARS												
1972.....	47.4	47.5	47.7	48.8	48.1	48.5	48.1	48.4	47.6	47.9	48.6	49.3
1973.....	47.5	49.0	49.6	50.5	50.4	50.7	48.4	49.3	50.7	51.5	51.9	51.9
1974.....	51.9	52.2	52.0	51.1	50.9	51.8	51.3	50.7	53.0	52.9	52.4	51.6
1975.....	52.9	50.9	51.5	51.1	52.3	51.2	51.6	52.1	51.5	51.1	50.8	51.9
1976.....	51.9	52.0	52.4	53.1	54.1	53.4	53.9	53.7	52.4	52.7	52.7	52.3

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE MALES 20 YEARS AND OVER												
1972.....	82.0	81.8	82.1	82.0	81.9	82.1	82.1	82.0	82.0	82.0	81.8	81.8
1973.....	81.5	81.7	81.9	81.6	81.5	81.7	81.7	81.5	81.4	81.5	81.6	81.7
1974.....	81.8	81.8	81.5	81.3	81.5	81.4	81.2	81.4	81.4	81.5	81.4	81.2
1975.....	80.7	80.7	80.8	80.9	81.2	80.8	81.0	80.9	80.8	80.8	80.5	80.2
1976.....	80.0	80.1	80.1	80.2	80.4	80.4	80.5	80.5	80.6	80.6	80.7	80.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - WHITE FEMALES 20 YEARS AND OVER												
1972.....	42.6	42.4	42.7	42.7	42.8	42.6	42.7	43.0	42.8	42.8	42.6	42.7
1973.....	42.6	43.0	43.1	43.3	43.4	43.7	43.6	43.5	43.7	43.7	44.0	43.8
1974.....	43.7	44.0	44.3	44.3	44.3	44.4	45.0	44.6	44.6	44.5	44.7	44.8
1975.....	45.1	44.8	45.1	45.3	45.4	45.3	45.4	45.4	45.3	45.6	45.4	45.5
1976.....	45.8	45.8	45.8	45.9	46.0	46.2	46.5	46.6	46.4	46.4	46.7	46.8
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER WORKERS												
1972.....	59.7	59.9	60.2	59.5	60.2	60.4	59.9	60.0	59.7	59.8	60.2	60.1
1973.....	59.2	60.4	60.6	60.2	59.9	59.8	60.6	60.2	60.5	60.5	60.6	60.7
1974.....	61.1	60.8	60.3	59.6	60.0	60.0	59.8	59.7	60.1	60.1	59.5	59.4
1975.....	59.4	59.4	59.1	59.0	59.4	59.3	59.0	59.5	59.7	59.3	59.2	59.0
1976.....	59.1	59.5	59.4	59.7	59.4	59.2	59.2	59.7	59.1	59.0	60.0	59.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER MALES 16-19 YEARS												
1972.....	41.7	44.8	45.8	44.6	46.4	48.0	44.8	48.4	44.7	44.0	47.0	48.0
1973.....	43.9	46.6	46.2	47.9	46.7	45.4	46.5	44.3	47.3	47.1	47.4	47.7
1974.....	51.6	47.5	49.1	45.0	44.4	47.0	47.1	45.9	48.1	49.5	47.5	45.4
1975.....	43.4	46.3	43.2	43.8	42.5	44.7	42.8	42.5	40.9	41.6	40.6	40.9
1976.....	42.2	42.4	42.9	42.3	41.7	39.2	40.7	42.9	40.7	42.5	42.9	44.5
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER FEMALES 16-19 YEARS												
1972.....	33.8	31.8	32.5	32.2	30.9	30.4	33.0	34.0	31.3	31.9	32.5	31.8
1973.....	31.1	34.9	33.0	34.9	33.0	37.3	34.6	35.2	37.3	32.7	34.1	34.6
1974.....	35.1	33.7	33.5	32.5	34.9	34.8	35.6	32.9	36.0	35.5	32.4	33.9
1975.....	35.1	35.7	33.7	35.5	37.0	34.5	34.7	34.7	37.6	36.7	35.0	37.2
1976.....	35.7	34.1	35.1	35.3	34.0	31.2	33.2	35.6	31.8	31.9	33.8	31.6
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER MALES 20 YEARS AND OVER												
1972.....	77.2	78.6	78.8	78.2	78.6	79.1	79.0	78.6	78.3	78.3	78.0	78.2
1973.....	76.8	78.3	78.8	78.4	78.3	78.2	78.9	78.3	78.1	79.1	78.8	78.7
1974.....	79.3	79.5	78.8	77.7	77.9	77.0	77.2	77.2	76.8	77.0	77.0	76.8
1975.....	77.0	76.6	76.2	75.8	76.5	76.1	76.7	77.2	77.2	76.2	76.3	75.5
1976.....	75.0	75.3	74.7	75.4	76.0	76.1	75.6	75.7	75.4	75.5	76.0	76.1
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1972.....	51.7	51.0	51.1	50.5	51.6	51.4	50.5	50.3	50.9	51.1	51.6	51.4
1973.....	51.2	51.6	51.8	50.9	50.7	50.1	51.5	51.5	51.4	51.3	51.6	51.7
1974.....	51.6	51.4	50.8	50.9	51.3	50.9	51.2	51.3	51.8	51.5	51.1	51.1
1975.....	51.0	50.8	51.2	50.9	51.3	51.4	50.4	51.2	51.5	51.4	51.5	51.3
1976.....	52.1	52.8	53.0	52.9	52.1	52.4	52.3	52.5	52.5	52.0	53.2	52.9
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK WORKERS												
1972.....	59.4	59.7	60.1	59.8	60.2	60.7	59.7	59.9	59.7	59.5	60.0	60.0
1973.....	58.9	61.0	61.0	60.3	59.7	59.8	60.6	60.2	60.1	60.3	60.4	60.3
1974.....	60.7	60.3	59.4	59.6	59.9	59.6	59.5	59.2	59.9	60.1	59.4	59.1
1975.....	59.1	58.6	58.9	58.4	59.0	58.9	58.4	58.8	59.0	58.5	58.5	58.6
1976.....	58.7	58.7	59.0	59.7	58.8	58.8	58.5	59.2	58.5	58.5	59.5	59.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK MALES 16-19 YEARS												
1972.....	41.4	44.6	44.0	46.3	48.1	50.1	46.5	49.6	44.5	45.0	46.2	47.9
1973.....	40.5	55.5	53.3	47.8	46.8	44.5	46.2	44.1	47.5	47.9	46.6	46.5
1974.....	47.9	45.8	47.9	44.6	45.1	47.3	47.2	44.6	47.8	49.2	47.0	45.8
1975.....	43.1	43.9	43.1	44.4	43.1	46.3	42.5	38.9	40.4	41.1	40.2	41.1
1976.....	40.9	40.3	40.0	45.5	41.3	38.2	40.6	42.4	40.9	42.3	41.7	43.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK FEMALES 16-19 YEARS												
1972.....	34.5	32.3	33.5	31.8	29.6	31.4	31.4	32.2	32.3	32.5	32.4	32.9
1973.....	31.1	34.3	33.3	34.7	32.4	37.8	35.4	34.2	36.6	32.9	34.2	33.9
1974.....	34.2	33.4	32.2	31.8	34.1	35.1	34.4	31.1	34.0	34.9	32.2	32.5
1975.....	34.3	34.3	33.7	34.4	34.9	32.3	32.8	33.1	35.7	34.8	33.6	36.4
1976.....	34.9	33.9	35.6	34.6	33.2	31.0	31.6	34.1	31.4	30.6	32.6	30.4
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK MALES 20 YEARS AND OVER												
1972.....	77.3	78.4	78.9	78.6	78.7	79.4	78.7	78.7	78.4	77.9	77.8	77.8
1973.....	77.1	78.4	79.2	78.6	78.1	78.2	78.5	78.1	77.4	78.5	78.3	78.2
1974.....	79.3	79.0	78.6	77.9	77.8	77.5	76.4	76.7	76.7	77.2	77.0	76.5
1975.....	76.8	75.5	75.7	75.0	75.8	75.6	76.0	76.9	76.7	75.7	75.7	75.1
1976.....	74.8	74.6	74.2	75.1	75.1	75.6	74.9	75.3	75.0	75.0	75.9	76.0
CIVILIAN LABOR FORCE PARTICIPATION RATE - BLACK FEMALES 20 YEARS AND OVER												
1972.....	51.3	51.0	51.2	50.7	51.5	50.4	50.4	50.4	51.0	50.9	51.9	51.6
1973.....	51.0	51.8	51.7	51.4	50.9	50.5	52.1	52.0	51.6	51.8	52.0	51.8
1974.....	51.6	51.3	49.9	51.2	51.7	50.8	51.6	51.4	52.1	51.7	51.2	51.0
1975.....	50.9	50.7	51.4	50.8	51.3	51.4	50.3	51.0	51.0	50.8	51.0	51.0
1976.....	51.9	52.3	53.0	53.1	52.3	52.6	52.0	52.4	51.9	51.8	52.8	52.6

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYED - ALL CIVILIAN WORKERS												
IN THOUSANDS												
1972.....	80,630	80,691	81,208	81,230	81,464	81,654	81,758	82,070	82,069	82,103	82,443	82,853
1973.....	82,622	83,330	83,939	83,962	84,046	84,541	84,567	84,458	84,850	85,287	85,590	85,686
1974.....	85,789	85,953	86,091	85,881	86,098	86,151	86,213	86,056	86,147	85,988	85,608	85,136
1975.....	84,673	84,259	84,243	84,246	84,475	84,496	84,856	85,114	85,115	85,087	85,212	85,443
1976.....	86,226	86,471	86,845	87,329	87,640	87,533	87,783	87,834	87,794	87,738	88,220	88,441
EMPLOYED - MALES												
1972.....	49,866	49,916	50,293	50,304	50,428	50,702	50,767	50,897	50,920	50,892	51,037	51,291
1973.....	51,187	51,471	51,880	51,718	51,649	51,962	52,113	51,926	52,127	52,368	52,473	52,649
1974.....	52,845	52,744	52,733	52,468	52,707	52,621	52,453	52,440	52,529	52,449	52,260	51,855
1975.....	51,399	51,192	51,067	50,960	51,138	51,024	51,267	51,365	51,296	51,244	51,324	51,401
1976.....	51,789	51,942	52,078	52,397	52,490	52,332	52,507	52,596	52,546	52,576	52,643	52,799
EMPLOYED - FEMALES												
1972.....	30,764	30,775	30,915	30,926	31,036	30,952	30,991	31,173	31,149	31,211	31,406	31,562
1973.....	31,435	31,859	32,059	32,244	32,397	32,579	32,454	32,532	32,723	32,919	33,117	33,037
1974.....	32,944	33,209	33,358	33,413	33,391	33,530	33,760	33,616	33,618	33,539	33,348	33,281
1975.....	33,274	33,067	33,176	33,286	33,337	33,472	33,589	33,749	33,819	33,843	33,888	34,042
1976.....	34,437	34,529	34,767	34,932	35,150	35,201	35,276	35,238	35,248	35,162	35,577	35,642
EMPLOYED - BOTH SEXES 16-19 YEARS												
1972.....	6,518	6,450	6,583	6,657	6,746	6,753	6,704	6,824	6,721	6,805	6,875	6,935
1973.....	6,850	7,014	7,220	7,156	7,140	7,378	7,125	7,175	7,374	7,457	7,465	7,483
1974.....	7,566	7,539	7,532	7,429	7,417	7,431	7,258	7,331	7,475	7,423	7,320	7,211
1975.....	7,148	7,038	7,006	6,976	7,095	7,003	7,008	7,020	7,092	7,006	7,040	7,069
1976.....	7,144	7,164	7,230	7,328	7,427	7,289	7,386	7,313	7,187	7,243	7,239	7,242
EMPLOYED - MALES 16-19 YEARS												
1972.....	3,598	3,544	3,641	3,685	3,727	3,794	3,758	3,844	3,793	3,831	3,820	3,847
1973.....	3,810	3,924	4,044	3,983	3,933	4,051	4,006	3,955	4,089	4,144	4,131	4,141
1974.....	4,205	4,156	4,160	4,090	4,130	4,092	4,031	4,010	4,066	4,058	4,003	3,946
1975.....	3,850	3,806	3,805	3,753	3,851	3,758	3,799	3,775	3,820	3,785	3,812	3,794
1976.....	3,848	3,863	3,877	3,942	3,948	3,889	3,963	3,958	3,845	3,892	3,870	3,940
EMPLOYED - FEMALES 16-19 YEARS												
1972.....	2,920	2,906	2,942	2,972	3,019	2,959	2,946	2,980	2,928	2,974	3,055	3,088
1973.....	3,040	3,090	3,176	3,173	3,207	3,327	3,119	3,220	3,285	3,313	3,334	3,342
1974.....	3,361	3,383	3,372	3,339	3,287	3,339	3,227	3,321	3,409	3,365	3,317	3,265
1975.....	3,298	3,232	3,201	3,223	3,244	3,245	3,209	3,245	3,272	3,221	3,228	3,275
1976.....	3,296	3,301	3,353	3,386	3,479	3,400	3,423	3,355	3,342	3,351	3,369	3,302
EMPLOYED - BOTH SEXES 20 YEARS AND OVER												
1972.....	74,112	74,241	74,625	74,573	74,718	74,901	75,054	75,246	75,348	75,298	75,568	75,918
1973.....	75,772	76,316	76,719	76,806	76,906	77,163	77,442	77,283	77,476	77,830	78,125	78,203
1974.....	78,223	78,414	78,559	78,452	78,681	78,720	78,955	78,725	78,672	78,565	78,288	77,925
1975.....	77,525	77,221	77,237	77,270	77,380	77,493	77,848	78,094	78,023	78,081	78,172	78,374
1976.....	79,082	79,307	79,615	80,001	80,213	80,244	80,397	80,521	80,607	80,495	80,981	81,199
EMPLOYED - MALES 20 YEARS AND OVER												
1972.....	46,268	46,372	46,652	46,619	46,701	46,908	47,009	47,053	47,127	47,061	47,217	47,444
1973.....	47,377	47,547	47,836	47,735	47,716	47,911	48,107	47,971	48,038	48,224	48,342	48,508
1974.....	48,640	48,588	48,573	48,378	48,577	48,529	48,422	48,430	48,463	48,391	48,257	47,909
1975.....	47,549	47,386	47,262	47,207	47,287	47,266	47,468	47,590	47,476	47,459	47,512	47,607
1976.....	47,941	48,079	48,201	48,455	48,542	48,443	48,544	48,638	48,701	48,684	48,773	48,859
EMPLOYED - FEMALES 20 YEARS AND OVER												
1972.....	27,844	27,869	27,973	27,954	28,017	27,993	28,045	28,193	28,221	28,237	28,351	28,474
1973.....	28,395	28,769	28,883	29,071	29,190	29,252	29,335	29,312	29,438	29,606	29,783	29,695
1974.....	29,583	29,826	29,986	30,074	30,104	30,191	30,533	30,295	30,209	30,174	30,031	30,016
1975.....	29,976	29,835	29,975	30,063	30,093	30,227	30,380	30,504	30,547	30,622	30,660	30,767
1976.....	31,141	31,228	31,414	31,546	31,671	31,801	31,853	31,883	31,906	31,811	32,208	32,340
EMPLOYED - BOTH SEXES 25 YEARS AND OVER												
1972.....	63,586	63,636	63,953	63,866	63,950	63,986	64,104	64,223	64,349	64,250	64,367	64,666
1973.....	64,436	64,868	65,086	65,203	65,321	65,464	65,699	65,587	65,796	65,960	66,159	66,238
1974.....	66,459	66,576	66,611	66,534	66,771	66,809	67,017	66,813	66,731	66,594	66,336	66,147
1975.....	65,829	65,660	65,686	65,762	65,823	65,848	66,184	66,295	66,364	66,473	66,551	66,597
1976.....	67,196	67,266	67,502	67,730	67,855	67,892	67,911	68,140	68,317	68,257	68,533	68,762
EMPLOYED - MALES 25 YEARS AND OVER												
1972.....	40,438	40,497	40,701	40,678	40,730	40,787	40,893	40,895	40,949	40,873	40,978	41,141
1973.....	40,995	41,156	41,297	41,231	41,218	41,363	41,487	41,381	41,491	41,558	41,628	41,732
1974.....	41,932	41,978	41,930	41,752	41,919	41,880	41,808	41,838	41,826	41,753	41,657	41,441
1975.....	41,113	41,043	40,940	40,966	40,989	40,966	41,139	41,165	41,164	41,137	41,189	41,198
1976.....	41,406	41,438	41,549	41,692	41,762	41,722	41,743	41,828	41,955	41,922	41,931	42,016
EMPLOYED - FEMALES 25 YEARS AND OVER												
1972.....	23,148	23,139	23,252	23,188	23,220	23,199	23,211	23,328	23,400	23,377	23,389	23,525
1973.....	23,441	23,712	23,789	23,972	24,103	24,101	24,212	24,206	24,305	24,402	24,531	24,506
1974.....	24,527	24,598	24,681	24,782	24,852	24,929	25,209	24,975	24,905	24,841	24,679	24,706
1975.....	24,716	24,617	24,746	24,796	24,834	24,882	25,045	25,130	25,200	25,336	25,362	25,399
1976.....	25,790	25,828	25,953	26,038	26,093	26,170	26,168	26,312	26,362	26,335	26,602	26,746

HOUSEHOLD DATA SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYED - BOTH SEXES 25-54 YEARS												
IN THOUSANDS												
1972.....	49,485	49,685	49,929	49,883	49,944	50,006	50,133	50,238	50,298	50,273	50,427	50,739
1973.....	50,733	51,096	51,237	51,404	51,516	51,680	51,931	51,820	52,063	52,243	52,398	52,459
1974.....	52,738	52,786	52,781	52,666	52,995	53,104	53,313	53,154	53,083	52,981	52,845	52,614
1975.....	52,304	52,143	52,162	52,198	52,217	52,387	52,637	52,902	52,911	53,056	53,093	53,183
1976.....	53,695	53,830	54,093	54,306	54,376	54,485	54,502	54,682	54,751	54,688	54,873	55,059
EMPLOYED - MALES 25-54 YEARS												
1972.....	31,531	31,677	31,815	31,834	31,862	31,919	32,024	32,031	32,067	32,041	32,147	32,292
1973.....	32,321	32,415	32,495	32,535	32,566	32,657	32,819	32,744	32,850	32,943	32,965	33,021
1974.....	33,234	33,199	33,155	32,952	33,200	33,191	33,141	33,155	33,118	33,047	33,021	32,800
1975.....	32,532	32,455	32,426	32,424	32,459	32,502	32,595	32,696	32,692	32,774	32,797	32,839
1976.....	33,013	33,134	33,263	33,346	33,395	33,324	33,337	33,392	33,468	33,505	33,478	33,529
EMPLOYED - FEMALES 25-54 YEARS												
1972.....	17,954	18,008	18,114	18,049	18,082	18,087	18,109	18,207	18,231	18,232	18,280	18,447
1973.....	18,412	18,681	18,742	18,869	18,950	19,023	19,112	19,076	19,213	19,300	19,433	19,438
1974.....	19,504	19,587	19,626	19,714	19,795	19,913	20,172	19,999	19,965	19,934	19,824	19,814
1975.....	19,772	19,688	19,736	19,774	19,758	19,885	20,042	20,206	20,219	20,282	20,296	20,344
1976.....	20,682	20,696	20,830	20,960	20,981	21,161	21,165	21,290	21,283	21,183	21,395	21,530
EMPLOYED - AGRICULTURAL INDUSTRIES												
1972.....	3,347	3,341	3,430	3,370	3,401	3,390	3,452	3,594	3,561	3,624	3,505	3,587
1973.....	3,425	3,381	3,451	3,387	3,359	3,494	3,526	3,414	3,338	3,414	3,582	3,651
1974.....	3,704	3,769	3,688	3,555	3,508	3,375	3,418	3,416	3,456	3,418	3,391	3,354
1975.....	3,337	3,286	3,301	3,283	3,535	3,361	3,435	3,417	3,506	3,389	3,315	3,255
1976.....	3,305	3,198	3,215	3,398	3,332	3,313	3,333	3,372	3,278	3,310	3,248	3,257
EMPLOYED - AGRICULTURAL INDUSTRIES BOTH SEXES 16-19 YEARS												
1972.....	373	379	439	392	401	415	413	477	384	422	388	393
1973.....	398	377	386	335	366	410	424	400	377	422	453	470
1974.....	466	486	459	479	460	438	409	431	468	458	476	425
1975.....	431	373	417	396	531	460	490	446	486	441	427	443
1976.....	447	441	448	447	429	404	418	447	417	423	407	411
EMPLOYED - AGRICULTURAL INDUSTRIES MALES 16-19 YEARS												
1972.....	305	317	340	309	311	345	355	404	323	339	314	313
1973.....	327	298	305	281	311	344	350	329	300	353	386	396
1974.....	393	413	387	404	389	366	343	366	377	380	388	367
1975.....	353	290	351	321	443	384	411	362	416	396	377	376
1976.....	373	382	377	372	360	332	344	375	350	354	342	351
EMPLOYED - AGRICULTURAL INDUSTRIES FEMALES 16-19 YEARS												
1972.....	68	62	99	83	90	70	58	73	61	83	74	80
1973.....	71	79	81	54	55	66	74	71	77	69	67	74
1974.....	73	73	72	75	71	72	66	65	91	78	88	58
1975.....	78	83	66	75	88	76	79	84	70	45	50	67
1976.....	74	59	71	75	69	72	74	72	67	69	65	60
EMPLOYED - AGRICULTURAL INDUSTRIES BOTH SEXES 20 YEARS AND OVER												
1972.....	2,974	2,962	2,991	2,978	3,000	2,975	3,039	3,117	3,177	3,202	3,117	3,194
1973.....	3,027	3,004	3,065	3,052	2,993	3,084	3,102	3,014	2,961	2,992	3,129	3,181
1974.....	3,238	3,283	3,229	3,076	3,048	2,937	3,009	2,985	2,988	2,960	2,915	2,929
1975.....	2,906	2,913	2,884	2,887	3,004	2,901	2,945	2,971	3,020	2,948	2,888	2,812
1976.....	2,858	2,757	2,767	2,951	2,903	2,909	2,915	2,925	2,861	2,887	2,841	2,846
EMPLOYED - AGRICULTURAL INDUSTRIES MALES 20 YEARS AND OVER												
1972.....	2,435	2,413	2,402	2,413	2,433	2,457	2,487	2,531	2,610	2,618	2,556	2,636
1973.....	2,525	2,460	2,507	2,497	2,467	2,513	2,494	2,474	2,458	2,469	2,563	2,586
1974.....	2,662	2,665	2,626	2,525	2,518	2,438	2,485	2,500	2,503	2,476	2,442	2,468
1975.....	2,421	2,449	2,424	2,422	2,450	2,402	2,424	2,441	2,487	2,421	2,395	2,326
1976.....	2,353	2,331	2,309	2,401	2,418	2,422	2,429	2,393	2,341	2,334	2,283	2,273
EMPLOYED - AGRICULTURAL INDUSTRIES FEMALES 20 YEARS AND OVER												
1972.....	539	549	589	565	567	518	552	586	567	584	561	558
1973.....	502	544	558	555	526	571	608	540	503	523	566	595
1974.....	576	618	603	551	530	499	524	485	485	484	473	461
1975.....	485	464	460	465	554	499	521	530	533	527	493	486
1976.....	505	426	458	550	485	487	486	532	520	553	558	573
EMPLOYED - NONAGRICULTURAL INDUSTRIES												
1972.....	77,283	77,350	77,778	77,860	78,063	78,264	78,306	78,476	78,508	78,479	78,938	79,266
1973.....	79,197	79,949	80,488	80,575	80,687	81,047	81,041	81,044	81,512	81,873	82,008	82,035
1974.....	82,085	82,184	82,403	82,326	82,590	82,776	82,795	82,640	82,691	82,570	82,217	81,782
1975.....	81,336	80,973	80,942	80,963	80,940	81,135	81,421	81,697	81,609	81,698	81,897	82,188
1976.....	82,921	83,273	83,630	83,931	84,308	84,220	84,450	84,462	84,516	84,428	84,972	85,184
EMPLOYED - NONAGRICULTURAL INDUSTRIES BOTH SEXES 16-19 YEARS												
1972.....	6,145	6,071	6,144	6,265	6,345	6,338	6,291	6,347	6,337	6,383	6,487	6,542
1973.....	6,452	6,637	6,834	6,821	6,774	6,968	6,701	6,775	6,997	7,035	7,012	7,013
1974.....	7,100	7,053	7,073	6,950	6,957	6,993	6,849	6,900	7,007	6,965	6,844	6,786
1975.....	6,717	6,665	6,589	6,580	6,564	6,543	6,518	6,574	6,606	6,565	6,613	6,626
1976.....	6,697	6,723	6,782	6,881	6,998	6,885	6,968	6,866	6,770	6,820	6,832	6,831

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYED - NONAGRICULTURAL INDUSTRIES MALES 16-19 YEARS												
IN THOUSANDS												
1972.....	3,293	3,227	3,301	3,376	3,416	3,449	3,403	3,440	3,470	3,492	3,506	3,534
1973.....	3,483	3,626	3,739	3,702	3,622	3,707	3,656	3,626	3,789	3,791	3,745	3,745
1974.....	3,812	3,743	3,773	3,686	3,741	3,726	3,688	3,644	3,689	3,678	3,615	3,579
1975.....	3,497	3,516	3,454	3,432	3,408	3,374	3,388	3,413	3,404	3,389	3,435	3,418
1976.....	3,475	3,481	3,500	3,570	3,588	3,557	3,619	3,583	3,495	3,538	3,528	3,589
EMPLOYED - NONAGRICULTURAL INDUSTRIES FEMALES 16-19 YEARS												
1972.....	2,852	2,844	2,843	2,889	2,929	2,889	2,888	2,907	2,867	2,891	2,981	3,008
1973.....	2,969	3,011	3,095	3,119	3,152	3,261	3,045	3,149	3,208	3,244	3,267	3,268
1974.....	3,288	3,310	3,300	3,264	3,216	3,267	3,161	3,256	3,318	3,287	3,229	3,207
1975.....	3,220	3,149	3,135	3,148	3,156	3,169	3,130	3,161	3,202	3,176	3,178	3,208
1976.....	3,222	3,242	3,282	3,311	3,410	3,328	3,349	3,283	3,275	3,282	3,304	3,242
EMPLOYED - NONAGRICULTURAL INDUSTRIES BOTH SEXES 20 YEARS AND OVER												
1972.....	71,138	71,279	71,634	71,595	71,718	71,926	72,015	72,129	72,171	72,096	72,451	72,724
1973.....	72,745	73,312	73,654	73,754	73,913	74,079	74,340	74,269	74,515	74,838	74,996	75,022
1974.....	74,985	75,131	75,330	75,376	75,633	75,783	75,946	75,740	75,684	75,605	75,373	74,996
1975.....	74,619	74,308	74,353	74,383	74,376	74,592	74,903	75,123	75,003	75,133	75,284	75,562
1976.....	76,224	76,550	76,848	77,050	77,310	77,335	77,482	77,596	77,746	77,608	78,140	78,353
EMPLOYED - NONAGRICULTURAL INDUSTRIES MALES 20 YEARS AND OVER												
1972.....	43,833	43,959	44,250	44,206	44,268	44,451	44,522	44,522	44,517	44,443	44,661	44,808
1973.....	44,852	45,087	45,329	45,238	45,249	45,398	45,613	45,497	45,580	45,755	45,779	45,922
1974.....	45,978	45,923	45,947	45,853	46,059	46,091	45,937	45,930	45,960	45,915	45,815	45,441
1975.....	45,128	44,937	44,838	44,785	44,837	44,864	45,044	45,149	44,989	45,038	45,117	45,281
1976.....	45,588	45,748	45,892	46,054	46,124	46,021	46,115	46,245	46,360	46,350	46,490	46,586
EMPLOYED - NONAGRICULTURAL INDUSTRIES FEMALES 20 YEARS AND OVER												
1972.....	27,305	27,320	27,384	27,389	27,450	27,475	27,493	27,607	27,654	27,653	27,790	27,916
1973.....	27,893	28,225	28,325	28,516	28,664	28,681	28,727	28,772	28,935	29,083	29,217	29,100
1974.....	29,007	29,208	29,383	29,523	29,574	29,692	30,009	29,810	29,724	29,680	29,558	29,555
1975.....	29,491	29,371	29,515	29,598	29,539	29,728	29,859	29,974	30,014	30,095	30,167	30,281
1976.....	30,636	30,802	30,956	30,996	31,186	31,314	31,367	31,351	31,386	31,258	31,650	31,767
EMPLOYED - MALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1972.....	1,189	1,232	1,189	1,296	1,301	1,250	1,326	1,316	1,297	1,274	1,336	1,376
1973.....	1,168	1,321	1,363	1,379	1,380	1,161	1,272	1,302	1,313	1,373	1,356	1,349
1974.....	1,353	1,329	1,392	1,142	1,256	1,321	1,341	1,335	1,384	1,389	1,376	1,351
1975.....	1,345	1,374	1,424	1,459	1,361	1,413	1,360	1,356	1,351	1,306	1,309	1,324
1976.....	1,381	1,351	1,311	1,286	1,377	1,496	1,356	1,361	1,411	1,406	1,409	1,382
EMPLOYED - MALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1972.....	4,458	4,410	4,568	4,486	4,590	4,883	4,708	4,856	4,798	4,807	4,789	4,781
1973.....	4,938	4,976	5,075	4,931	4,953	5,417	5,246	5,135	5,194	5,225	5,251	5,288
1974.....	5,360	5,319	5,271	5,425	5,409	5,379	5,259	5,240	5,270	5,216	5,198	5,104
1975.....	5,004	4,949	4,847	4,639	4,879	4,765	4,847	4,902	4,911	4,925	4,928	4,954
1976.....	4,940	5,073	5,096	5,188	5,148	4,962	5,211	5,275	5,060	5,124	5,105	5,204
EMPLOYED - FEMALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1972.....	997	986	951	1,070	1,119	963	1,072	1,086	1,114	1,024	1,045	1,116
1973.....	1,011	1,144	1,147	1,229	1,155	1,002	1,097	1,111	1,194	1,131	1,195	1,224
1974.....	1,140	1,173	1,144	971	1,099	1,106	1,155	1,133	1,142	1,235	1,202	1,185
1975.....	1,215	1,153	1,188	1,247	1,148	1,176	1,170	1,177	1,174	1,223	1,202	1,151
1976.....	1,201	1,195	1,195	1,123	1,236	1,254	1,201	1,225	1,318	1,292	1,297	1,302
EMPLOYED - FEMALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1972.....	3,773	3,822	3,866	3,874	3,863	3,915	3,856	3,845	3,716	3,908	3,985	3,958
1973.....	4,035	3,997	4,077	4,038	4,087	4,306	4,147	4,131	4,090	4,251	4,199	4,161
1974.....	4,241	4,319	4,365	4,533	4,312	4,370	4,337	4,348	4,337	4,342	4,310	4,281
1975.....	4,215	4,135	4,049	4,095	4,175	4,162	4,215	4,193	4,144	4,080	4,086	4,201
1976.....	4,231	4,297	4,348	4,469	4,448	4,379	4,662	4,384	4,187	4,267	4,322	4,296
EMPLOYED - MARRIED WORKERS, SPOUSE PRESENT												
1972.....	56,225	56,327	56,537	56,468	56,572	56,496	56,620	56,780	56,800	56,723	56,985	57,305
1973.....	57,334	57,606	57,905	57,805	58,096	58,083	58,244	57,783	58,027	58,528	58,623	58,545
1974.....	58,560	58,685	58,531	58,590	58,660	58,678	58,652	58,613	58,536	58,575	58,172	57,784
1975.....	57,322	57,234	57,221	57,316	57,262	57,302	57,512	57,527	57,585	57,672	57,690	57,581
1976.....	57,997	58,054	58,218	58,338	58,496	58,456	58,499	58,581	58,610	58,373	58,377	58,496
EMPLOYED - MARRIED MEN, SPOUSE PRESENT												
1972.....	38,116	38,140	38,282	38,350	38,408	38,455	38,520	38,589	38,610	38,462	38,598	38,750
1973.....	38,751	38,847	38,959	38,864	38,834	38,944	39,123	38,858	38,903	39,109	39,144	39,202
1974.....	39,346	39,315	39,115	39,035	39,079	39,012	38,868	38,853	38,812	38,843	38,606	38,303
1975.....	37,948	37,899	37,829	37,863	37,874	37,842	37,953	37,956	37,890	37,900	37,880	37,715
1976.....	37,955	38,006	38,134	38,225	38,196	38,122	38,146	38,179	38,140	37,969	37,895	37,998
EMPLOYED - MARRIED WOMEN, SPOUSE PRESENT												
1972.....	18,109	18,187	18,255	18,118	18,164	18,041	18,100	18,191	18,190	18,261	18,387	18,555
1973.....	18,583	18,759	18,946	18,941	19,262	19,139	19,121	18,925	19,124	19,419	19,479	19,343
1974.....	19,214	19,370	19,416	19,555	19,581	19,666	19,784	19,760	19,724	19,732	19,566	19,481
1975.....	19,374	19,335	19,392	19,453	19,388	19,460	19,559	19,571	19,695	19,772	19,810	19,866
1976.....	20,042	20,048	20,084	20,113	20,300	20,334	20,353	20,402	20,470	20,384	20,482	20,498

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYED - HOUSEHOLD HEADS												
IN THOUSANDS												
1972.....	48,186	48,278	48,489	48,546	48,557	48,740	48,794	48,883	49,043	48,977	49,122	49,313
1973.....	49,201	49,535	49,723	49,673	49,525	49,836	50,152	50,059	50,144	50,316	50,362	50,551
1974.....	50,807	50,843	50,867	50,825	50,870	51,005	50,953	50,942	50,786	50,840	50,643	50,360
1975.....	50,054	49,801	49,791	49,871	49,945	49,920	50,179	50,378	50,217	50,239	50,306	50,264
1976.....	50,660	50,778	50,948	51,151	51,170	51,132	51,038	51,120	51,185	51,159	51,356	51,525
EMPLOYED - MALE HOUSEHOLD HEADS												
1972.....	41,566	41,649	41,789	41,855	41,836	41,942	42,028	42,094	42,205	42,156	42,287	42,377
1973.....	42,426	42,664	42,784	42,737	42,670	42,844	43,084	42,852	42,543	43,229	43,268	43,305
1974.....	43,576	43,539	43,489	43,455	43,472	43,557	43,408	43,468	43,354	43,384	43,251	42,852
1975.....	42,570	42,372	42,274	42,369	42,403	42,332	42,579	42,622	42,554	42,542	42,602	42,513
1976.....	42,847	42,895	42,955	43,128	43,195	43,107	43,111	43,149	43,248	43,173	43,280	43,311
EMPLOYED - MALE HOUSEHOLD HEADS LIVING WITH RELATIVES												
1972.....	38,470	38,522	38,613	38,688	38,683	38,781	38,841	38,974	38,972	38,883	38,993	39,042
1973.....	39,060	39,234	39,328	39,278	39,295	39,415	39,538	39,249	38,805	39,520	39,557	39,563
1974.....	39,817	39,724	39,629	39,540	39,615	39,518	39,352	39,383	39,254	39,351	39,202	38,832
1975.....	38,565	38,425	38,346	38,373	38,369	38,281	38,495	38,468	38,467	38,454	38,478	38,301
1976.....	38,580	38,579	38,624	38,780	38,722	38,723	38,693	38,675	38,727	38,521	38,501	38,599
EMPLOYED - MALE HOUSEHOLD HEADS NOT LIVING WITH RELATIVES												
1972.....	3,096	3,127	3,176	3,167	3,153	3,161	3,187	3,120	3,233	3,275	3,294	3,335
1973.....	3,366	3,430	3,456	3,459	3,375	3,429	3,546	3,603	3,738	3,709	3,711	3,742
1974.....	3,759	3,815	3,860	3,915	3,857	4,039	4,056	4,085	4,100	4,033	4,049	4,020
1975.....	4,005	3,947	3,928	3,996	4,034	4,051	4,084	4,154	4,087	4,088	4,124	4,212
1976.....	4,267	4,316	4,331	4,348	4,473	4,384	4,418	4,474	4,521	4,652	4,779	4,712
EMPLOYED - FEMALE HOUSEHOLD HEADS												
1972.....	6,650	6,627	6,667	6,710	6,751	6,779	6,771	6,757	6,891	6,837	6,833	6,866
1973.....	6,797	6,896	6,911	6,960	6,877	6,974	7,080	7,183	7,140	7,112	7,097	7,188
1974.....	7,241	7,321	7,342	7,393	7,410	7,423	7,555	7,459	7,453	7,484	7,398	7,299
1975.....	7,481	7,450	7,478	7,524	7,541	7,563	7,611	7,708	7,679	7,731	7,718	7,743
1976.....	7,803	7,906	7,950	8,041	7,968	8,003	7,933	7,968	7,942	8,025	8,105	8,186
EMPLOYED - FEMALE HOUSEHOLD HEADS LIVING WITH RELATIVES												
1972.....	3,006	3,005	3,034	3,083	3,128	3,146	3,154	3,151	3,280	3,230	3,206	3,210
1973.....	3,179	3,247	3,261	3,300	3,192	3,177	3,203	3,248	3,293	3,312	3,313	3,297
1974.....	3,325	3,378	3,412	3,482	3,501	3,517	3,595	3,514	3,526	3,494	3,511	3,546
1975.....	3,536	3,505	3,507	3,498	3,526	3,545	3,559	3,645	3,581	3,617	3,591	3,649
1976.....	3,718	3,756	3,751	3,748	3,732	3,746	3,742	3,743	3,707	3,860	3,870	3,934
EMPLOYED - FEMALE HOUSEHOLD HEADS NOT LIVING WITH RELATIVES												
1972.....	3,644	3,622	3,633	3,627	3,623	3,633	3,617	3,606	3,611	3,607	3,627	3,656
1973.....	3,618	3,649	3,650	3,660	3,685	3,797	3,877	3,935	3,847	3,800	3,784	3,891
1974.....	3,916	3,943	3,930	3,911	3,909	3,906	3,960	3,945	3,927	3,990	3,887	3,753
1975.....	3,945	3,945	3,971	4,026	4,015	4,018	4,052	4,063	4,098	4,114	4,127	4,094
1976.....	4,085	4,150	4,199	4,293	4,236	4,257	4,191	4,225	4,235	4,225	4,235	4,252
EMPLOYED - WHITE-COLLAR WORKERS												
1972.....	38,555	38,752	38,671	38,917	38,907	38,820	39,163	39,239	39,398	39,401	39,596	39,657
1973.....	39,796	40,045	40,071	39,904	40,126	40,102	40,156	40,381	40,637	40,979	41,253	41,229
1974.....	41,302	41,457	41,612	41,640	41,693	41,976	41,936	41,657	41,889	42,006	41,797	41,817
1975.....	41,969	41,758	41,926	42,155	42,144	42,244	42,429	42,495	42,380	42,496	42,351	42,390
1976.....	42,836	43,084	43,369	43,431	43,757	43,583	43,503	43,731	44,023	44,207	44,297	44,648
EMPLOYED - PROFESSIONAL AND TECHNICAL WORKERS												
1972.....	11,197	11,244	11,391	11,450	11,415	11,398	11,419	11,566	11,587	11,485	11,657	11,694
1973.....	11,800	11,681	11,622	11,522	11,576	11,678	11,656	11,747	11,857	12,064	12,039	12,104
1974.....	12,096	12,304	12,201	12,353	12,283	12,433	12,516	12,417	12,451	12,429	12,295	12,280
1975.....	12,413	12,462	12,657	12,709	12,767	12,663	12,936	12,895	12,778	12,847	12,791	13,090
1976.....	13,150	13,081	13,182	13,067	13,236	13,363	13,291	13,471	13,581	13,427	13,597	13,544
EMPLOYED - MANAGERS AND ADMINISTRATORS, EXCEPT FARM												
1972.....	7,976	8,064	7,946	7,905	7,887	7,911	8,038	8,069	8,036	8,104	8,136	8,282
1973.....	8,311	8,494	8,494	8,577	8,543	8,495	8,611	8,679	8,705	8,791	8,976	9,050
1974.....	9,082	9,049	8,947	9,013	9,112	9,120	9,008	8,744	8,702	8,910	8,809	8,770
1975.....	8,858	8,701	8,773	8,744	8,859	8,943	8,763	8,989	9,092	9,037	9,097	8,832
1976.....	9,057	9,170	9,279	9,382	9,210	9,230	9,226	9,309	9,446	9,436	9,491	9,564
EMPLOYED - SALES WORKERS												
1972.....	5,252	5,301	5,270	5,339	5,399	5,240	5,361	5,333	5,417	5,417	5,473	5,467
1973.....	5,548	5,414	5,435	5,408	5,414	5,481	5,433	5,273	5,372	5,393	5,472	5,374
1974.....	5,414	5,421	5,464	5,409	5,407	5,329	5,342	5,413	5,499	5,469	5,433	5,398
1975.....	5,442	5,476	5,424	5,497	5,490	5,536	5,574	5,480	5,446	5,523	5,327	5,310
1976.....	5,274	5,357	5,401	5,458	5,539	5,467	5,442	5,504	5,555	5,551	5,597	5,815
EMPLOYED - CLERICAL WORKERS												
1972.....	14,130	14,143	14,064	14,223	14,206	14,271	14,345	14,271	14,358	14,395	14,330	14,214
1973.....	14,137	14,456	14,520	14,397	14,593	14,448	14,456	14,682	14,703	14,731	14,766	14,701
1974.....	14,710	14,683	15,000	14,865	14,891	15,094	15,070	15,083	15,237	15,198	15,260	15,369
1975.....	15,256	15,119	15,072	15,205	15,028	15,102	15,156	15,131	15,064	15,089	15,136	15,158
1976.....	15,355	15,476	15,507	15,524	15,772	15,523	15,544	15,447	15,441	15,793	15,612	15,725

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYED - BLUE-COLLAR WORKERS												
(IN THOUSANDS)												
1972.....	28,437	28,248	29,507	28,302	28,525	28,776	28,366	28,675	28,604	28,605	28,633	28,984
1973.....	29,197	29,497	29,838	29,962	29,868	30,042	30,053	29,888	30,015	30,047	29,874	30,039
1974.....	30,317	30,053	30,035	29,794	30,114	29,823	29,843	29,850	29,732	29,571	29,331	28,881
1975.....	28,253	28,040	27,771	27,817	27,782	27,729	27,661	28,016	27,930	28,029	28,045	28,428
1976.....	28,706	28,809	28,853	29,118	29,066	29,132	29,100	28,912	28,745	28,921	29,001	29,150
EMPLOYED - CRAFT AND KINDRED WORKERS												
1972.....	10,899	10,848	10,868	10,769	10,776	10,854	10,712	10,825	10,817	10,778	10,741	10,844
1973.....	10,954	11,025	11,178	11,242	11,354	11,570	11,385	11,300	11,378	11,284	11,394	11,370
1974.....	11,455	11,412	11,644	11,558	11,564	11,459	11,505	11,530	11,495	11,421	11,440	11,192
1975.....	10,951	10,977	10,788	10,916	10,876	10,914	10,951	11,081	10,891	11,059	10,982	11,254
1976.....	11,222	11,294	11,139	11,189	11,259	11,268	11,329	11,286	11,340	11,352	11,353	11,302
EMPLOYED - OPERATIVES, EXCEPT TRANSPORT												
1972.....	10,340	10,133	11,234	10,175	10,365	10,408	10,227	10,366	10,337	10,327	10,414	10,598
1973.....	10,757	10,960	11,123	11,010	10,942	10,977	11,057	11,012	10,914	11,031	10,942	10,910
1974.....	10,899	10,860	10,686	10,709	10,824	10,752	10,832	10,582	10,588	10,430	10,282	10,098
1975.....	9,824	9,676	9,597	9,620	9,543	9,427	9,390	9,555	9,687	9,665	9,766	9,880
1976.....	10,126	10,072	10,159	10,190	10,192	10,257	10,131	10,015	9,820	9,885	9,970	10,231
EMPLOYED - TRANSPORT EQUIPMENT OPERATIVES												
1972.....	3,216	3,223	3,258	3,224	3,187	3,230	3,133	3,163	3,191	3,203	3,227	3,254
1973.....	3,191	3,318	3,297	3,377	3,308	3,181	3,280	3,267	3,329	3,325	3,336	3,343
1974.....	3,363	3,283	3,261	3,266	3,308	3,290	3,348	3,389	3,264	3,234	3,247	3,257
1975.....	3,274	3,227	3,243	3,225	3,198	3,203	3,190	3,262	3,211	3,224	3,211	3,161
1976.....	3,166	3,228	3,245	3,299	3,296	3,365	3,275	3,266	3,275	3,297	3,258	3,283
EMPLOYED - NONFARM LABORERS												
1972.....	3,982	4,044	4,147	4,134	4,197	4,284	4,294	4,321	4,259	4,297	4,251	4,288
1973.....	4,295	4,194	4,240	4,333	4,264	4,314	4,331	4,309	4,394	4,407	4,202	4,416
1974.....	4,600	4,498	4,444	4,261	4,418	4,322	4,158	4,349	4,385	4,466	4,362	4,334
1975.....	4,204	4,160	4,143	4,056	4,165	4,185	4,130	4,118	4,141	4,081	4,086	4,133
1976.....	4,192	4,215	4,310	4,440	4,319	4,242	4,365	4,345	4,310	4,387	4,420	4,334
EMPLOYED - SERVICE WORKERS												
1972.....	10,899	10,860	10,865	10,973	11,077	11,112	11,052	10,955	10,929	10,903	10,953	10,968
1973.....	10,847	10,849	10,995	11,116	11,149	11,361	11,113	11,146	11,232	11,293	11,192	11,216
1974.....	11,111	11,192	11,202	11,319	11,262	11,434	11,356	11,563	11,482	11,569	11,420	11,511
1975.....	11,620	11,619	11,610	11,487	11,522	11,627	11,656	11,621	11,697	11,758	11,833	11,830
1976.....	11,910	11,840	11,810	11,930	12,034	12,058	12,178	12,265	12,165	11,972	12,026	11,880
EMPLOYED - PRIVATE HOUSEHOLD WORKERS												
1972.....	1,499	1,463	1,498	1,472	1,488	1,493	1,450	1,367	1,380	1,372	1,392	1,363
1973.....	1,360	1,346	1,330	1,351	1,336	1,331	1,377	1,331	1,369	1,372	1,351	1,374
1974.....	1,287	1,345	1,237	1,312	1,281	1,240	1,246	1,235	1,216	1,167	1,096	1,080
1975.....	1,187	1,161	1,191	1,162	1,193	1,251	1,149	1,203	1,137	1,176	1,121	1,126
1976.....	1,082	1,037	1,091	1,100	1,093	1,149	1,140	1,131	1,177	1,158	1,201	1,143
EMPLOYED - OTHER SERVICE WORKERS												
1972.....	9,400	9,397	9,367	9,501	9,589	9,619	9,602	9,588	9,549	9,531	9,561	9,605
1973.....	9,487	9,503	9,665	9,765	9,813	10,030	9,736	9,815	9,863	9,921	9,841	9,842
1974.....	9,824	9,847	9,965	10,007	9,981	10,194	10,110	10,328	10,266	10,402	10,322	10,431
1975.....	10,433	10,458	10,419	10,325	10,329	10,376	10,507	10,418	10,560	10,582	10,712	10,704
1976.....	10,828	10,803	10,719	10,830	10,941	10,909	11,038	11,134	10,988	10,814	10,825	10,737
EMPLOYED - FARM WORKERS												
1972.....	2,987	2,966	3,039	2,980	2,987	2,979	3,030	3,175	3,145	3,212	3,125	3,175
1973.....	3,019	3,028	3,027	2,964	2,947	3,090	3,107	2,993	2,885	3,009	3,100	3,131
1974.....	3,238	3,320	3,212	3,152	3,066	2,985	2,978	2,949	2,960	2,956	2,923	2,945
1975.....	2,916	2,861	2,862	2,824	3,080	2,960	3,006	2,972	3,025	2,966	2,845	2,811
1976.....	2,826	2,787	2,758	2,918	2,839	2,826	2,861	2,913	2,772	2,829	2,743	2,791
EMPLOYED - FARMERS AND FARM MANAGERS												
1972.....	1,663	1,651	1,644	1,619	1,642	1,659	1,655	1,711	1,753	1,792	1,725	1,735
1973.....	1,696	1,673	1,680	1,670	1,657	1,701	1,650	1,636	1,604	1,635	1,675	1,694
1974.....	1,753	1,766	1,700	1,668	1,623	1,608	1,625	1,630	1,615	1,606	1,530	1,603
1975.....	1,553	1,619	1,608	1,602	1,637	1,610	1,601	1,575	1,618	1,592	1,564	1,538
1976.....	1,528	1,495	1,474	1,524	1,535	1,550	1,568	1,564	1,458	1,520	1,500	1,440
EMPLOYED - FARM LABORERS AND SUPERVISORS												
1972.....	1,324	1,315	1,395	1,361	1,345	1,320	1,375	1,464	1,392	1,420	1,400	1,440
1973.....	1,323	1,355	1,347	1,294	1,290	1,389	1,457	1,357	1,281	1,374	1,425	1,437
1974.....	1,485	1,554	1,512	1,484	1,443	1,377	1,353	1,319	1,345	1,350	1,393	1,342
1975.....	1,363	1,242	1,254	1,222	1,443	1,350	1,405	1,397	1,407	1,374	1,281	1,273
1976.....	1,298	1,292	1,284	1,394	1,304	1,276	1,293	1,349	1,314	1,309	1,243	1,351
EMPLOYED - WAGE AND SALARY WORKERS												
1972.....	72,356	72,560	73,000	73,121	73,291	73,752	73,678	73,918	74,064	74,041	74,462	74,712
1973.....	74,546	75,398	75,692	75,908	75,908	76,248	76,202	76,286	76,671	77,171	77,417	77,347
1974.....	77,550	77,689	77,841	77,495	77,765	77,881	77,758	77,860	77,861	77,800	77,481	76,942
1975.....	76,431	76,239	76,008	75,985	76,147	76,409	76,565	77,004	76,913	77,102	76,707	77,306
1976.....	77,958	78,393	78,797	79,177	79,367	79,434	79,556	79,762	79,749	79,808	80,051	80,337

HOUSEHOLD DATA SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
EMPLOYED - WAGE AND SALARY WORKERS IN AGRICULTURAL INDUSTRIES												
IN THOUSANDS												
1972.....	1,142	1,151	1,182	1,202	1,169	1,216	1,242	1,280	1,223	1,236	1,238	1,272
1973.....	1,222	1,228	1,215	1,225	1,224	1,269	1,283	1,216	1,198	1,260	1,345	1,377
1974.....	1,423	1,446	1,433	1,312	1,352	1,292	1,282	1,316	1,354	1,359	1,403	1,281
1975.....	1,274	1,209	1,208	1,168	1,300	1,287	1,345	1,340	1,334	1,297	1,282	1,247
1976.....	1,296	1,306	1,327	1,354	1,297	1,317	1,306	1,339	1,309	1,310	1,285	1,380
EMPLOYED - SELF-EMPLOYED WORKERS IN AGRICULTURAL INDUSTRIES												
1972.....	1,719	1,714	1,720	1,704	1,732	1,760	1,776	1,845	1,896	1,911	1,828	1,848
1973.....	1,787	1,764	1,775	1,781	1,754	1,791	1,775	1,749	1,743	1,763	1,807	1,820
1974.....	1,866	1,894	1,828	1,773	1,746	1,720	1,740	1,728	1,719	1,704	1,630	1,691
1975.....	1,679	1,750	1,730	1,732	1,748	1,730	1,709	1,693	1,756	1,699	1,689	1,667
1976.....	1,646	1,603	1,585	1,641	1,664	1,671	1,686	1,700	1,608	1,671	1,627	1,530
EMPLOYED - UNPAID-FAMILY WORKERS IN AGRICULTURAL INDUSTRIES												
1972.....	501	497	514	460	479	440	430	470	452	489	455	451
1973.....	421	410	464	369	373	452	466	433	400	404	437	419
1974.....	408	448	429	442	396	389	384	367	373	360	360	370
1975.....	386	367	370	350	457	379	397	392	405	405	355	309
1976.....	341	317	299	364	357	342	336	352	344	343	342	340
EMPLOYED - PRIVATE WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1972.....	58,045	58,216	58,597	58,669	58,864	59,222	59,160	59,266	59,265	59,355	59,739	60,019
1973.....	59,975	60,650	61,014	61,204	61,159	61,452	61,436	61,554	61,816	62,112	62,296	62,353
1974.....	62,500	62,455	62,462	62,199	62,372	62,518	62,377	62,543	62,509	62,347	61,972	61,394
1975.....	60,819	60,674	60,470	60,347	60,413	60,602	60,526	60,915	61,070	61,275	60,766	61,312
1976.....	61,898	62,220	62,531	63,017	63,212	63,218	63,308	63,161	63,297	63,500	63,721	63,990
EMPLOYED - SELF-EMPLOYED WORKERS IN NONAGRICULTURAL INDUSTRIES												
1972.....	5,475	5,504	5,387	5,341	5,328	5,229	5,328	5,359	5,251	5,250	5,238	5,299
1973.....	5,351	5,314	5,472	5,385	5,438	5,452	5,430	5,407	5,491	5,471	5,411	5,479
1974.....	5,451	5,518	5,440	5,630	5,671	5,722	5,724	5,711	5,670	5,738	5,664	5,627
1975.....	5,597	5,450	5,591	5,654	5,560	5,612	5,640	5,627	5,606	5,561	5,946	5,659
1976.....	5,707	5,696	5,647	5,617	5,759	5,642	5,640	5,661	5,701	5,632	5,771	5,798
EMPLOYED - UNPAID-FAMILY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1972.....	539	529	559	550	581	517	471	517	490	483	475	490
1973.....	480	528	506	467	537	636	589	573	565	550	526	478
1974.....	461	472	517	494	486	490	483	415	539	482	478	496
1975.....	520	484	479	469	505	407	426	464	483	474	543	490
1976.....	507	482	450	465	463	453	447	444	433	448	449	460
EMPLOYED - PERSONS AT WORK IN NONAGRICULTURAL INDUSTRIES												
1972.....	72,742	72,753	73,210	73,580	73,635	73,357	73,647	73,913	74,004	73,913	74,255	74,479
1973.....	73,688	75,138	75,515	76,046	75,999	76,132	76,616	76,491	76,707	77,044	77,077	77,440
1974.....	76,933	77,330	77,366	75,884	77,598	77,701	77,906	77,676	77,693	77,466	77,223	76,559
1975.....	76,531	76,051	75,949	76,527	75,951	76,209	75,236	76,371	76,686	76,764	77,028	77,385
1976.....	78,325	78,362	78,919	77,632	78,960	79,331	79,257	78,991	79,796	79,469	79,940	80,369
EMPLOYED - NONAGRICULTURAL WORKERS ON FULL-TIME SCHEDULES												
1972.....	60,393	60,463	60,907	61,154	61,253	61,237	61,353	61,333	61,540	61,730	62,013	62,253
1973.....	62,038	62,846	63,133	63,513	63,490	63,632	64,301	63,852	63,734	63,977	64,041	64,123
1974.....	64,021	64,165	64,343	63,513	64,477	64,615	64,583	64,439	64,334	64,032	63,488	62,743
1975.....	62,438	62,060	61,781	62,124	61,920	61,860	61,014	62,248	62,766	62,795	63,071	63,625
1976.....	64,190	64,395	64,517	63,853	64,877	64,858	65,261	64,687	64,965	64,955	65,385	65,846
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR ECONOMIC REASONS												
1972.....	2,456	2,323	2,418	2,499	2,361	2,557	2,493	2,526	2,408	2,295	2,230	2,174
1973.....	2,003	2,153	2,145	2,115	2,181	2,509	2,460	2,419	2,403	2,397	2,412	2,555
1974.....	2,461	2,627	2,431	2,326	2,628	2,538	2,567	2,707	2,892	2,948	3,208	3,330
1975.....	3,614	3,579	3,725	3,750	3,676	3,479	3,381	3,344	3,320	3,352	3,322	3,290
1976.....	3,336	3,201	3,173	3,194	3,287	3,150	3,136	3,178	3,376	3,448	3,545	3,454
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR ECONOMIC REASONS - USUALLY WORK FULL TIME												
1972.....	1,132	1,112	1,141	1,094	1,083	1,081	1,089	1,092	1,125	1,053	1,019	956
1973.....	868	965	938	969	1,022	1,113	1,202	1,231	1,172	1,132	1,161	1,182
1974.....	1,144	1,268	1,220	1,048	1,229	1,234	1,212	1,259	1,355	1,396	1,617	1,601
1975.....	1,887	1,892	1,842	1,804	1,722	1,587	1,576	1,483	1,439	1,462	1,414	1,333
1976.....	1,335	1,283	1,231	1,307	1,438	1,326	1,311	1,350	1,378	1,339	1,289	1,234
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR ECONOMIC REASONS - USUALLY WORK PART TIME												
1972.....	1,324	1,211	1,277	1,405	1,278	1,476	1,404	1,434	1,283	1,242	1,211	1,218
1973.....	1,135	1,188	1,207	1,146	1,159	1,396	1,258	1,188	1,231	1,265	1,251	1,373
1974.....	1,317	1,359	1,211	1,278	1,399	1,304	1,355	1,448	1,537	1,552	1,591	1,529
1975.....	1,727	1,687	1,883	1,946	1,954	1,892	1,805	1,861	1,881	1,890	1,908	1,957
1976.....	2,001	1,918	1,942	1,887	1,849	1,824	1,825	1,828	1,998	2,109	2,256	2,220
EMPLOYED - NONAGRICULTURAL WORKERS ON PART-TIME SCHEDULES FOR NONECONOMIC REASONS - USUALLY WORK PART TIME												
1972.....	9,903	9,967	9,885	9,927	10,021	9,563	9,801	10,054	10,056	9,888	10,012	10,052
1973.....	9,647	10,139	10,237	10,418	10,328	9,991	9,855	10,220	10,570	10,670	10,624	10,762
1974.....	10,451	10,538	10,592	10,045	10,493	10,548	10,756	10,530	10,467	10,486	10,527	10,486
1975.....	10,479	10,412	10,443	10,653	10,355	10,870	10,841	10,779	10,600	10,617	10,635	10,470
1976.....	10,799	10,766	10,629	10,585	10,796	11,323	10,860	11,126	11,455	11,066	11,010	11,069

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - ALL CIVILIAN WORKERS												
IN THOUSANDS												
1972.....	4,966	4,876	4,981	4,902	4,876	4,880	4,877	4,912	4,833	4,924	4,557	4,478
1973.....	4,246	4,378	4,308	4,377	4,268	4,301	4,251	4,264	4,332	4,163	4,342	4,417
1974.....	4,519	4,629	4,520	4,492	4,622	4,846	4,992	4,976	5,439	5,580	6,106	6,564
1975.....	7,280	7,362	7,777	7,964	8,314	8,099	8,061	7,921	8,011	8,048	7,813	7,705
1976.....	7,247	7,126	7,017	7,047	6,911	7,171	7,406	7,517	7,448	7,564	7,651	7,519
UNEMPLOYED - MALES												
1972.....	2,768	2,792	2,771	2,687	2,670	2,610	2,555	2,619	2,589	2,655	2,468	2,402
1973.....	2,210	2,289	2,271	2,300	2,301	2,214	2,178	2,195	2,209	2,186	2,235	2,268
1974.....	2,345	2,448	2,356	2,394	2,394	2,527	2,550	2,640	2,841	3,021	3,225	3,562
1975.....	3,919	4,070	4,289	4,445	4,665	4,602	4,613	4,458	4,615	4,598	4,430	4,256
1976.....	3,949	3,858	3,798	3,812	3,830	3,931	4,020	3,968	4,060	4,178	4,244	4,152
UNEMPLOYED - FEMALES												
1972.....	2,198	2,084	2,210	2,215	2,206	2,270	2,322	2,293	2,244	2,269	2,089	2,076
1973.....	2,036	2,089	2,037	2,077	1,967	2,087	2,073	2,069	2,123	1,977	2,107	2,149
1974.....	2,174	2,181	2,164	2,098	2,228	2,319	2,442	2,336	2,598	2,559	2,881	3,002
1975.....	3,361	3,292	3,488	3,519	3,649	3,497	3,448	3,463	3,396	3,450	3,383	3,449
1976.....	3,298	3,268	3,219	3,235	3,081	3,240	3,386	3,549	3,388	3,386	3,407	3,367
UNEMPLOYED - BOTH SEXES 16-19 YEARS												
1972.....	1,319	1,423	1,374	1,314	1,213	1,272	1,241	1,350	1,307	1,268	1,280	1,283
1973.....	1,079	1,257	1,192	1,299	1,248	1,188	1,192	1,174	1,260	1,250	1,306	1,279
1974.....	1,280	1,309	1,309	1,227	1,341	1,452	1,475	1,288	1,534	1,535	1,581	1,600
1975.....	1,726	1,698	1,756	1,723	1,810	1,835	1,809	1,813	1,731	1,737	1,657	1,743
1976.....	1,725	1,695	1,699	1,758	1,690	1,645	1,641	1,778	1,664	1,703	1,718	1,702
UNEMPLOYED - MALES 16-19 YEARS												
1972.....	731	832	775	703	690	653	608	727	706	673	699	700
1973.....	572	638	629	678	662	620	632	634	660	670	699	681
1974.....	665	695	693	671	699	776	740	698	840	805	851	873
1975.....	924	943	951	972	955	1,066	1,009	988	932	935	892	922
1976.....	946	920	924	990	937	882	869	908	910	950	951	933
UNEMPLOYED - FEMALES 16-19 YEARS												
1972.....	588	591	599	611	523	619	633	623	601	595	581	583
1973.....	507	619	563	621	586	568	560	540	600	580	607	598
1974.....	515	614	616	556	642	676	735	590	694	730	730	727
1975.....	802	755	805	751	855	769	800	825	799	802	765	821
1976.....	779	775	775	768	753	763	752	870	754	753	767	769
UNEMPLOYED - BOTH SEXES 20 YEARS AND OVER												
1972.....	3,647	3,453	3,607	3,588	3,663	3,608	3,636	3,562	3,526	3,656	3,277	3,195
1973.....	3,167	3,121	3,116	3,078	3,020	3,113	3,059	3,090	3,072	2,913	3,036	3,138
1974.....	3,239	3,320	3,211	3,265	3,281	3,394	3,517	3,688	3,905	4,045	4,525	4,964
1975.....	5,554	5,664	6,021	6,241	6,504	6,264	6,252	6,108	6,280	6,311	6,156	5,962
1976.....	5,522	5,431	5,318	5,289	5,221	5,526	5,765	5,739	5,784	5,861	5,933	5,817
UNEMPLOYED - MALES 20 YEARS AND OVER												
1972.....	2,037	1,960	1,996	1,984	1,980	1,957	1,947	1,892	1,883	1,982	1,769	1,702
1973.....	1,638	1,651	1,642	1,622	1,639	1,594	1,546	1,561	1,549	1,516	1,536	1,587
1974.....	1,680	1,753	1,663	1,723	1,695	1,751	1,810	1,942	2,001	2,216	2,374	2,689
1975.....	2,995	3,127	3,338	3,473	3,710	3,536	3,604	3,470	3,683	3,663	3,538	3,334
1976.....	3,003	2,938	2,874	2,822	2,893	3,049	3,131	3,060	3,150	3,228	3,293	3,219
UNEMPLOYED - FEMALES 20 YEARS AND OVER												
1972.....	1,610	1,493	1,611	1,604	1,683	1,651	1,689	1,670	1,643	1,674	1,508	1,493
1973.....	1,529	1,470	1,474	1,456	1,381	1,519	1,513	1,529	1,523	1,397	1,500	1,551
1974.....	1,559	1,567	1,548	1,542	1,586	1,643	1,707	1,746	1,904	1,829	2,151	2,275
1975.....	2,559	2,537	2,683	2,768	2,794	2,728	2,648	2,638	2,597	2,648	2,618	2,628
1976.....	2,519	2,493	2,444	2,467	2,328	2,477	2,634	2,679	2,634	2,633	2,640	2,598
UNEMPLOYED - BOTH SEXES 20-24 YEARS												
1972.....	1,157	1,081	1,156	1,132	1,122	1,084	1,157	1,096	1,109	1,171	1,066	1,040
1973.....	991	989	976	1,000	975	1,000	1,018	988	1,024	896	949	991
1974.....	1,058	1,092	1,019	1,026	1,101	1,111	1,154	1,256	1,273	1,234	1,419	1,561
1975.....	1,638	1,763	1,850	1,918	1,978	1,745	1,870	1,823	1,912	1,868	1,872	1,796
1976.....	1,723	1,646	1,645	1,654	1,572	1,606	1,598	1,657	1,639	1,767	1,802	1,779
UNEMPLOYED - MALES 20-24 YEARS												
1972.....	666	619	680	661	597	588	637	584	589	635	589	572
1973.....	529	536	513	532	521	527	500	510	507	473	495	511
1974.....	562	596	544	540	579	580	592	673	669	696	784	843
1975.....	924	994	1,061	1,125	1,131	1,011	1,111	1,080	1,156	1,101	1,067	1,011
1976.....	959	913	903	866	869	882	921	903	899	990	987	1,022
UNEMPLOYED - FEMALES 20-24 YEARS												
1972.....	491	462	476	471	525	496	520	512	520	536	477	468
1973.....	462	453	463	468	454	473	518	478	517	423	454	480
1974.....	496	496	475	486	522	531	562	583	604	538	635	718
1975.....	714	769	789	793	847	734	759	743	756	767	805	785
1976.....	764	733	742	788	703	724	677	754	740	777	815	757

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - BOTH SEXES 25 YEARS AND OVER												
IN THOUSANDS												
1972.....	2,486	2,387	2,454	2,464	2,536	2,529	2,485	2,452	2,417	2,476	2,220	2,158
1973.....	2,173	2,139	2,135	2,091	2,040	2,098	2,040	2,086	2,050	2,016	2,087	2,144
1974.....	2,187	2,230	2,188	2,254	2,179	2,255	2,370	2,411	2,642	2,814	3,094	3,396
1975.....	3,919	3,888	4,162	4,355	4,522	4,527	4,427	4,274	4,397	4,450	4,259	4,151
1976.....	3,808	3,759	3,667	3,673	3,646	3,909	4,229	4,075	4,180	4,106	4,102	4,027
UNEMPLOYED - MALES 25 YEARS AND OVER												
1972.....	1,377	1,345	1,324	1,337	1,376	1,365	1,307	1,369	1,291	1,340	1,178	1,134
1973.....	1,114	1,117	1,129	1,103	1,105	1,054	1,044	1,055	1,042	1,038	1,035	1,077
1974.....	1,127	1,160	1,122	1,197	1,099	1,153	1,217	1,277	1,337	1,514	1,577	1,844
1975.....	2,080	2,128	2,282	2,384	2,534	2,520	2,501	2,416	2,551	2,557	2,447	2,315
1976.....	2,057	2,012	1,976	1,987	1,984	2,158	2,221	2,189	2,282	2,236	2,281	2,194
UNEMPLOYED - FEMALES 25 YEARS AND OVER												
1972.....	1,109	1,042	1,130	1,127	1,160	1,164	1,178	1,143	1,126	1,136	1,042	1,024
1973.....	1,059	1,022	1,006	988	935	1,044	996	1,031	1,008	978	1,052	1,067
1974.....	1,060	1,070	1,066	1,057	1,080	1,102	1,153	1,134	1,305	1,300	1,517	1,552
1975.....	1,839	1,760	1,880	1,971	1,988	2,007	1,926	1,858	1,846	1,893	1,812	1,836
1976.....	1,751	1,747	1,691	1,686	1,662	1,751	2,008	1,886	1,898	1,870	1,821	1,833
UNEMPLOYED - BOTH SEXES 25-54 YEARS												
1972.....	2,024	1,933	1,949	1,952	2,027	2,030	2,001	1,966	1,939	1,943	1,816	1,750
1973.....	1,768	1,756	1,743	1,746	1,699	1,745	1,639	1,719	1,647	1,619	1,696	1,791
1974.....	1,796	1,833	1,802	1,911	1,810	1,877	1,955	1,985	2,178	2,359	2,638	2,871
1975.....	3,323	3,243	3,498	3,682	3,846	3,845	3,694	3,668	3,688	3,755	3,568	3,461
1976.....	3,166	3,102	2,996	3,049	3,064	3,254	3,495	3,438	3,448	3,470	3,438	3,449
UNEMPLOYED - MALES 25-54 YEARS												
1972.....	1,088	1,042	990	1,017	1,072	1,069	1,032	1,014	984	995	937	868
1973.....	888	906	909	892	883	824	796	835	787	772	792	863
1974.....	898	896	901	994	901	938	981	1,007	1,068	1,252	1,330	1,534
1975.....	1,739	1,735	1,871	1,967	2,133	2,121	2,087	2,054	2,094	2,146	2,038	1,899
1976.....	1,699	1,612	1,546	1,606	1,613	1,742	1,847	1,813	1,830	1,862	1,902	1,853
UNEMPLOYED - FEMALES 25-54 YEARS												
1972.....	936	891	959	935	955	961	969	952	955	948	879	882
1973.....	880	850	834	854	816	921	843	884	860	847	904	928
1974.....	898	937	901	917	909	939	974	978	1,110	1,107	1,308	1,337
1975.....	1,584	1,508	1,627	1,715	1,713	1,724	1,607	1,614	1,594	1,609	1,530	1,562
1976.....	1,467	1,490	1,450	1,443	1,451	1,512	1,648	1,625	1,618	1,608	1,536	1,596
UNEMPLOYED - BOTH SEXES 55-64 YEARS												
1972.....	363	361	378	392	395	403	384	380	335	379	295	326
1973.....	308	310	297	279	269	257	289	286	281	302	295	277
1974.....	288	303	280	272	282	294	306	340	338	338	348	437
1975.....	461	499	500	526	514	525	532	520	530	559	531	520
1976.....	468	503	493	508	462	512	522	549	557	519	519	477
UNEMPLOYED - MALES 55-64 YEARS												
1972.....	224	228	249	235	237	246	227	240	216	245	163	198
1973.....	171	160	164	177	177	170	175	163	170	190	179	161
1974.....	174	200	155	154	150	164	182	205	189	185	184	243
1975.....	261	287	293	305	311	293	307	308	316	318	312	309
1976.....	259	291	305	298	290	316	289	316	323	301	295	266
UNEMPLOYED - FEMALES 55-64 YEARS												
1972.....	139	133	129	157	158	157	157	140	119	134	132	128
1973.....	137	150	133	112	92	87	114	123	111	112	116	116
1974.....	114	103	125	118	132	130	124	135	149	153	164	194
1975.....	200	212	207	221	203	232	225	212	214	241	219	211
1976.....	209	212	188	210	172	196	233	233	234	218	224	211
UNEMPLOYED - BOTH SEXES 65 YEARS AND OVER												
1972.....	98	102	101	120	111	103	109	136	124	126	107	100
1973.....	91	80	73	73	81	109	106	103	99	78	87	88
1974.....	97	102	95	90	93	87	91	115	102	111	103	109
1975.....	125	144	151	170	192	160	157	148	131	149	161	202
1976.....	166	152	178	132	144	145	163	139	131	133	145	131
UNEMPLOYED - MALES 65 YEARS AND OVER												
1972.....	65	74	70	87	73	66	60	69	83	82	75	69
1973.....	55	48	41	45	52	66	77	66	69	61	59	55
1974.....	62	62	57	57	56	53	57	81	61	71	66	75
1975.....	86	97	105	114	111	107	107	95	95	101	105	116
1976.....	107	104	123	81	97	95	83	92	87	84	92	83
UNEMPLOYED - FEMALES 65 YEARS AND OVER												
1972.....	33	28	31	33	38	37	49	67	41	44	32	31
1973.....	36	32	32	28	29	43	29	37	30	17	28	33
1974.....	35	40	38	33	37	34	34	34	41	40	37	34
1975.....	39	47	46	56	81	53	50	53	36	48	56	86
1976.....	59	48	55	51	47	50	80	47	44	49	53	48

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - MALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
IN THOUSANDS												
1972.....	331	357	395	307	280	266	289	306	363	305	336	319
1973.....	229	237	278	323	284	241	298	307	266	288	279	282
1974.....	278	290	290	226	308	321	333	333	355	328	364	364
1975.....	378	403	368	404	380	368	338	333	377	372	350	367
1976.....	426	395	409	362	399	375	342	351	354	404	436	408
UNEMPLOYED - MALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1972.....	719	758	707	698	667	626	623	707	587	626	614	631
1973.....	570	597	577	579	605	537	579	562	614	610	668	644
1974.....	639	644	670	675	688	722	711	728	793	814	837	874
1975.....	952	959	1,045	1,007	1,092	1,155	1,236	1,133	1,046	1,030	1,005	979
1976.....	990	974	934	959	890	879	1,026	1,000	955	964	969	991
UNEMPLOYED - FEMALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1972.....	216	213	220	257	158	206	220	228	245	240	250	223
1973.....	166	237	212	247	221	203	233	233	222	214	210	245
1974.....	223	260	221	165	230	251	258	260	259	280	274	286
1975.....	328	304	345	292	332	301	274	281	290	316	306	296
1976.....	297	287	300	296	295	310	284	273	320	252	367	308
UNEMPLOYED - FEMALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1972.....	616	590	610	608	593	633	656	646	609	630	574	585
1973.....	556	585	543	575	556	586	533	551	591	553	623	602
1974.....	641	634	647	636	683	645	742	666	715	721	726	751
1975.....	786	810	855	795	920	809	889	959	834	847	833	895
1976.....	810	783	778	812	745	786	771	983	711	819	781	798
UNEMPLOYED - WHITE WORKERS												
1972.....	3,975	3,864	3,998	4,024	3,938	3,940	3,906	3,953	3,896	3,977	3,601	3,550
1973.....	3,427	3,484	3,419	3,474	3,386	3,383	3,275	3,355	3,401	3,317	3,436	3,535
1974.....	3,594	3,671	3,582	3,613	3,703	3,877	3,957	3,998	4,409	4,460	4,909	5,267
1975.....	5,922	5,972	6,332	6,500	6,851	6,609	6,619	6,405	6,454	6,564	6,355	6,252
1976.....	5,835	5,659	5,659	5,651	5,598	5,705	5,959	6,033	6,037	6,127	6,169	6,026
UNEMPLOYED - WHITE WORKERS 16-19 YEARS												
1972.....	1,047	1,085	1,076	1,058	948	1,008	972	1,064	1,055	981	964	971
1973.....	850	963	937	1,023	976	894	891	900	952	996	1,034	1,007
1974.....	1,013	1,021	1,000	977	1,047	1,130	1,104	1,233	1,192	1,192	1,231	1,248
1975.....	1,373	1,336	1,394	1,385	1,454	1,484	1,467	1,465	1,395	1,388	1,337	1,399
1976.....	1,408	1,356	1,361	1,406	1,326	1,282	1,314	1,393	1,321	1,353	1,377	1,378
UNEMPLOYED - WHITE WORKERS 20 YEARS AND OVER												
1972.....	2,928	2,779	2,922	2,966	2,990	2,932	2,934	2,889	2,841	2,996	2,637	2,579
1973.....	2,577	2,521	2,482	2,451	2,410	2,489	2,384	2,455	2,449	2,321	2,402	2,528
1974.....	2,581	2,650	2,582	2,636	2,656	2,747	2,853	3,001	3,176	3,268	3,678	4,019
1975.....	4,549	4,636	4,938	5,115	5,397	5,125	5,152	4,940	5,059	5,176	5,018	4,853
1976.....	4,427	4,303	4,298	4,245	4,272	4,423	4,645	4,640	4,716	4,774	4,792	4,648
UNEMPLOYED - WHITE MALES												
1972.....	2,284	2,242	2,278	2,229	2,170	2,174	2,076	2,138	2,160	2,218	2,015	1,929
1973.....	1,834	1,872	1,859	1,853	1,844	1,790	1,710	1,770	1,801	1,752	1,809	1,862
1974.....	1,893	1,947	1,853	1,934	1,945	2,013	2,068	2,136	2,311	2,435	2,609	2,873
1975.....	3,179	3,323	3,532	3,642	3,860	3,795	3,820	3,660	3,811	3,773	3,637	3,451
1976.....	3,195	3,095	3,109	3,098	3,126	3,167	3,296	3,244	3,369	3,394	3,444	3,331
UNEMPLOYED - WHITE MALES 16-19 YEARS												
1972.....	598	635	620	570	538	527	501	578	591	532	535	528
1973.....	460	497	504	526	517	481	487	507	530	541	557	537
1974.....	524	538	514	524	565	592	568	532	662	628	660	682
1975.....	733	765	770	785	776	868	832	806	780	759	745	764
1976.....	789	740	762	803	747	690	735	720	724	759	773	751
UNEMPLOYED - WHITE MALES 20 YEARS AND OVER												
1972.....	1,686	1,607	1,658	1,659	1,632	1,647	1,575	1,560	1,569	1,686	1,480	1,401
1973.....	1,374	1,375	1,355	1,327	1,327	1,309	1,223	1,263	1,271	1,211	1,252	1,325
1974.....	1,369	1,409	1,339	1,410	1,380	1,421	1,500	1,604	1,649	1,807	1,949	2,191
1975.....	2,446	2,558	2,762	2,857	3,084	2,927	2,988	2,854	3,031	3,014	2,892	2,687
1976.....	2,406	2,355	2,347	2,295	2,379	2,477	2,561	2,524	2,645	2,635	2,671	2,580
UNEMPLOYED - WHITE FEMALES												
1972.....	1,691	1,622	1,720	1,795	1,768	1,766	1,830	1,815	1,736	1,759	1,586	1,621
1973.....	1,593	1,612	1,560	1,621	1,542	1,593	1,565	1,585	1,600	1,565	1,627	1,673
1974.....	1,701	1,724	1,729	1,679	1,758	1,864	1,889	1,862	2,098	2,025	2,300	2,394
1975.....	2,743	2,649	2,800	2,858	2,991	2,814	2,799	2,745	2,643	2,791	2,718	2,801
1976.....	2,640	2,564	2,550	2,553	2,472	2,538	2,663	2,789	2,668	2,733	2,725	2,695
UNEMPLOYED - WHITE FEMALES 16-19 YEARS												
1972.....	449	450	456	488	410	481	471	486	464	449	429	443
1973.....	390	466	433	497	459	413	404	393	422	455	477	470
1974.....	489	483	486	453	482	538	536	465	571	564	571	566
1975.....	640	571	624	600	678	616	635	659	615	629	592	635
1976.....	619	616	599	603	579	592	579	673	597	594	604	627

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - WHITE FEMALES 20 YEARS AND OVER												
IN THOUSANDS												
1972.....	1,242	1,172	1,264	1,307	1,358	1,285	1,359	1,329	1,272	1,310	1,157	1,178
1973.....	1,203	1,146	1,127	1,124	1,083	1,180	1,161	1,192	1,178	1,110	1,150	1,203
1974.....	1,212	1,241	1,243	1,226	1,276	1,326	1,353	1,397	1,527	1,461	1,729	1,828
1975.....	2,103	2,078	2,176	2,258	2,313	2,198	2,164	2,086	2,028	2,162	2,126	2,166
1976.....	2,021	1,948	1,951	1,950	1,893	1,946	2,084	2,116	2,071	2,139	2,121	2,068
UNEMPLOYED - BLACK AND OTHER WORKERS												
1972.....	1,014	996	974	887	959	925	954	951	956	973	961	913
1973.....	832	878	885	911	895	901	953	901	940	857	910	872
1974.....	936	951	938	887	936	953	1,018	977	1,028	1,142	1,207	1,286
1975.....	1,353	1,379	1,446	1,472	1,498	1,481	1,414	1,522	1,552	1,515	1,472	1,447
1976.....	1,408	1,471	1,359	1,410	1,337	1,456	1,404	1,495	1,398	1,466	1,496	1,486
UNEMPLOYED - BLACK AND OTHER WORKERS 16-19 YEARS												
1972.....	284	327	295	270	261	258	258	283	268	283	318	310
1973.....	242	280	254	292	267	286	294	270	320	249	273	274
1974.....	282	277	310	265	286	311	363	289	309	339	353	351
1975.....	369	351	367	355	348	338	329	348	342	347	322	345
1976.....	333	331	344	367	353	348	312	388	343	350	346	326
UNEMPLOYED - BLACK AND OTHER WORKERS 20 YEARS AND OVER												
1972.....	730	669	679	617	698	667	696	668	688	690	643	603
1973.....	590	598	631	619	628	615	659	631	620	608	637	598
1974.....	654	674	628	622	650	642	655	688	719	803	854	935
1975.....	984	1,028	1,079	1,117	1,150	1,143	1,085	1,174	1,210	1,168	1,150	1,102
1976.....	1,075	1,140	1,015	1,043	984	1,108	1,092	1,107	1,055	1,116	1,150	1,160
UNEMPLOYED - BLACK AND OTHER MALES												
1972.....	491	537	493	458	498	429	489	480	451	439	462	456
1973.....	375	402	416	449	451	415	472	424	428	425	435	396
1974.....	450	495	511	459	441	505	488	512	548	580	629	673
1975.....	728	736	771	805	797	806	791	818	831	819	810	785
1976.....	744	757	703	714	694	761	712	748	714	779	814	803
UNEMPLOYED - BLACK AND OTHER MALES 16-19 YEARS												
1972.....	140	189	153	132	146	121	114	147	127	137	168	169
1973.....	118	132	126	151	139	132	151	125	142	126	145	146
1974.....	146	152	182	144	126	175	174	166	187	176	196	192
1975.....	196	174	188	185	173	187	172	185	160	176	152	159
1976.....	161	179	170	183	182	179	146	194	190	193	183	184
UNEMPLOYED - BLACK AND OTHER MALES 20 YEARS AND OVER												
1972.....	351	348	340	326	352	308	375	333	324	302	294	287
1973.....	257	270	290	298	312	283	321	299	286	299	290	250
1974.....	304	343	329	315	315	330	314	346	361	404	433	481
1975.....	532	562	583	620	624	619	619	633	671	643	658	626
1976.....	583	578	533	531	512	582	566	554	524	586	631	619
UNEMPLOYED - BLACK AND OTHER FEMALES												
1972.....	523	459	481	429	461	496	465	471	505	534	499	457
1973.....	457	476	469	462	444	486	481	477	512	432	475	476
1974.....	486	456	427	428	495	448	530	465	480	562	578	613
1975.....	625	643	675	667	701	675	623	704	721	696	662	662
1976.....	664	714	656	696	643	695	692	747	684	687	682	683
UNEMPLOYED - BLACK AND OTHER FEMALES 16-19 YEARS												
1972.....	144	138	142	138	115	137	144	136	141	146	150	141
1973.....	124	148	128	141	128	154	143	145	178	123	128	128
1974.....	136	125	128	121	160	136	189	123	122	163	157	159
1975.....	173	177	179	170	175	151	157	163	182	171	170	186
1976.....	172	152	174	184	171	169	166	194	153	157	163	142
UNEMPLOYED - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1972.....	379	321	339	291	346	359	321	335	364	388	349	316
1973.....	333	328	341	321	316	332	338	332	334	309	347	348
1974.....	350	331	299	307	335	312	341	342	358	399	421	454
1975.....	452	466	496	497	526	524	466	541	539	525	492	476
1976.....	492	562	482	512	472	526	526	553	531	530	519	541
UNEMPLOYED - BLACK WORKERS												
1972.....	929	925	882	831	883	887	911	930	907	929	877	816
1973.....	764	926	901	867	840	856	886	822	869	802	833	802
1974.....	847	845	848	837	876	898	940	892	988	1,063	1,132	1,185
1975.....	1,262	1,249	1,333	1,363	1,387	1,357	1,286	1,406	1,423	1,388	1,351	1,343
1976.....	1,296	1,290	1,221	1,280	1,238	1,315	1,302	1,373	1,276	1,338	1,348	1,341
UNEMPLOYED - BLACK MALES 16-19 YEARS												
1972.....	129	170	130	138	153	119	123	151	128	142	156	157
1973.....	101	224	202	145	143	127	146	111	135	130	132	134
1974.....	134	131	160	136	126	164	171	148	179	161	183	176
1975.....	185	152	165	184	171	182	165	181	154	169	143	150
1976.....	146	149	144	167	184	172	159	184	175	178	165	169

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - BLACK FEMALES 16-19 YEARS												
IN THOUSANDS												
1972.....	137	136	135	134	109	143	140	138	134	142	139	139
1973.....	117	138	123	137	121	146	142	133	166	119	125	126
1974.....	131	126	126	119	153	131	175	109	124	154	150	149
1975.....	163	162	165	157	162	140	139	150	175	160	153	168
1976.....	159	149	165	171	162	156	155	178	144	145	157	140
UNEMPLOYED - BLACK MALES 20 YEARS AND OVER												
1972.....	340	313	290	279	299	279	342	320	310	291	274	256
1973.....	243	244	258	267	275	261	283	272	261	270	258	231
1974.....	281	299	296	291	289	312	272	324	352	385	409	455
1975.....	498	501	535	559	554	568	554	578	611	587	610	599
1976.....	537	519	479	481	459	510	509	510	493	541	581	559
UNEMPLOYED - BLACK FEMALES 20 YEARS AND OVER												
1972.....	323	306	327	280	322	346	306	321	335	354	308	264
1973.....	303	320	318	318	301	322	315	306	307	283	318	311
1974.....	301	289	266	291	308	291	322	311	333	363	390	405
1975.....	416	434	468	463	500	467	428	497	483	472	445	426
1976.....	454	473	433	461	433	477	479	501	464	474	445	473
UNEMPLOYED - MARRIED WORKERS, SPOUSE PRESENT												
1972.....	2,200	2,147	2,142	2,157	2,181	2,179	2,177	2,118	2,122	2,137	1,973	1,938
1973.....	1,902	1,896	1,863	1,832	1,818	1,800	1,770	1,860	1,788	1,740	1,826	1,875
1974.....	1,883	1,986	1,870	1,851	1,814	1,991	2,117	2,216	2,362	2,348	2,735	3,023
1975.....	3,460	3,534	3,760	3,979	4,125	3,938	3,792	3,740	3,810	3,759	3,603	3,473
1976.....	3,162	3,190	3,091	3,053	3,080	3,274	3,371	3,383	3,411	3,361	3,388	3,266
UNEMPLOYED - MARRIED MEN, SPOUSE PRESENT												
1972.....	1,179	1,126	1,097	1,111	1,101	1,118	1,093	1,046	1,104	1,131	1,007	971
1973.....	954	960	960	928	900	869	838	860	849	869	893	914
1974.....	920	973	918	936	872	998	1,056	1,107	1,136	1,229	1,367	1,545
1975.....	1,766	1,881	1,995	2,144	2,293	2,190	2,157	2,105	2,171	2,137	2,014	1,918
1976.....	1,636	1,663	1,632	1,576	1,618	1,707	1,743	1,704	1,803	1,756	1,796	1,719
UNEMPLOYED - MARRIED WOMEN, SPOUSE PRESENT												
1972.....	1,021	1,021	1,045	1,046	1,080	1,061	1,084	1,072	1,018	1,006	966	967
1973.....	948	936	903	904	918	931	932	1,000	939	871	933	961
1974.....	963	1,013	952	915	942	993	1,061	1,109	1,226	1,119	1,368	1,478
1975.....	1,694	1,653	1,765	1,835	1,832	1,748	1,635	1,635	1,639	1,622	1,589	1,555
1976.....	1,526	1,527	1,459	1,477	1,462	1,567	1,628	1,679	1,608	1,605	1,592	1,547
UNEMPLOYED - HOUSEHOLD HEADS												
1972.....	1,763	1,685	1,682	1,674	1,736	1,746	1,701	1,674	1,691	1,762	1,494	1,460
1973.....	1,495	1,520	1,490	1,478	1,444	1,461	1,440	1,467	1,421	1,432	1,497	1,486
1974.....	1,534	1,530	1,513	1,555	1,548	1,593	1,612	1,717	1,871	1,979	2,130	2,403
1975.....	2,770	2,809	2,990	3,099	3,316	3,217	3,229	3,078	3,178	3,204	3,061	3,006
1976.....	2,776	2,659	2,659	2,602	2,632	2,727	2,884	2,816	2,922	2,928	2,878	2,795
UNEMPLOYED - MALE HOUSEHOLD HEADS												
1972.....	1,378	1,321	1,325	1,294	1,306	1,334	1,295	1,253	1,286	1,313	1,170	1,141
1973.....	1,119	1,140	1,118	1,104	1,061	1,032	1,016	1,066	1,006	1,036	1,078	1,111
1974.....	1,138	1,183	1,113	1,142	1,074	1,185	1,218	1,300	1,407	1,518	1,640	1,900
1975.....	2,160	2,225	2,364	2,486	2,603	2,598	2,570	2,472	2,609	2,572	2,457	2,339
1976.....	2,069	2,027	2,042	2,004	2,005	2,134	2,190	2,122	2,224	2,228	2,270	2,162
UNEMPLOYED - MALE HOUSEHOLD HEADS LIVING WITH RELATIVES												
1972.....	1,160	1,116	1,101	1,094	1,096	1,093	1,061	1,013	1,065	1,101	969	933
1973.....	944	945	924	920	877	854	833	857	832	847	883	901
1974.....	906	967	918	932	850	970	1,033	1,110	1,151	1,256	1,358	1,525
1975.....	1,799	1,858	1,992	2,090	2,218	2,201	2,139	2,094	2,155	2,120	1,975	1,910
1976.....	1,669	1,646	1,623	1,576	1,601	1,701	1,766	1,702	1,802	1,780	1,796	1,731
UNEMPLOYED - MALE HOUSEHOLD HEADS NOT LIVING WITH RELATIVES												
1972.....	218	205	224	200	210	241	234	240	221	212	201	208
1973.....	175	195	194	184	184	178	183	209	174	189	195	210
1974.....	232	216	195	210	224	215	185	190	256	262	282	375
1975.....	361	367	372	396	385	397	431	378	454	452	482	429
1976.....	400	381	419	428	404	433	424	420	422	448	474	431
UNEMPLOYED - FEMALE HOUSEHOLD HEADS												
1972.....	378	363	349	378	391	411	395	406	395	448	360	341
1973.....	371	396	374	375	345	428	405	389	396	391	441	404
1974.....	389	359	406	416	425	412	384	419	456	472	530	540
1975.....	560	594	607	600	625	651	645	631	597	665	665	715
1976.....	675	663	623	607	547	605	668	702	687	706	650	678
UNEMPLOYED - FEMALE HOUSEHOLD HEADS LIVING WITH RELATIVES												
1972.....	234	225	229	237	233	262	250	249	253	291	224	212
1973.....	239	227	243	243	222	275	242	227	238	249	289	251
1974.....	236	229	233	242	253	250	237	250	282	275	328	321
1975.....	340	373	383	365	394	402	417	412	393	426	406	423
1976.....	420	421	392	393	355	396	424	462	443	457	420	449

HOUSEHOLD DATA SEASONALLY ADJUSTED

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - FEMALE HOUSEHOLD HEADS NOT LIVING WITH RELATIVES												
IN THOUSANDS												
1972.....	144	138	120	141	158	149	145	157	142	157	136	129
1973.....	132	169	131	132	123	153	163	162	158	142	152	153
1974.....	153	130	173	174	172	162	147	169	174	197	202	219
1975.....	220	221	224	235	231	249	228	219	204	239	259	292
1976.....	255	242	231	214	192	209	244	240	244	249	230	229
UNEMPLOYED - FULL-TIME WORKERS												
1972.....	3,896	3,811	3,857	3,812	3,916	3,800	3,875	3,853	3,720	3,812	3,439	3,382
1973.....	3,344	3,395	3,337	3,318	3,264	3,195	3,202	3,255	3,257	3,144	3,353	3,378
1974.....	3,474	3,541	3,476	3,529	3,565	3,669	3,861	3,877	4,211	4,423	4,844	5,237
1975.....	5,895	6,015	6,327	6,594	6,936	6,636	6,658	6,472	6,685	6,685	6,484	6,263
1976.....	5,813	5,702	5,637	5,626	5,573	5,830	5,878	6,085	6,098	6,162	6,185	6,125
UNEMPLOYED - FULL-TIME WORKERS 16-19 YEARS												
1972.....	749	777	758	764	715	717	711	770	714	695	678	726
1973.....	657	705	680	694	673	568	660	647	698	699	772	729
1974.....	751	744	751	726	752	787	848	774	891	904	934	889
1975.....	1,017	1,006	1,036	1,055	1,118	1,121	1,097	1,099	1,027	1,024	977	1,015
1976.....	1,005	973	995	1,079	993	967	859	1,070	989	1,009	967	967
UNEMPLOYED - FULL-TIME MALES 20 YEARS AND OVER												
1972.....	1,855	1,786	1,807	1,802	1,796	1,767	1,786	1,740	1,728	1,819	1,598	1,561
1973.....	1,511	1,521	1,512	1,458	1,486	1,443	1,379	1,409	1,371	1,357	1,391	1,432
1974.....	1,512	1,577	1,523	1,592	1,535	1,581	1,661	1,762	1,823	2,051	2,179	2,500
1975.....	2,817	2,915	3,107	3,271	3,387	3,323	3,379	3,257	3,486	3,452	3,320	3,126
1976.....	2,775	2,696	2,644	2,583	2,631	2,831	2,916	2,861	2,978	3,024	3,067	3,009
UNEMPLOYED - FULL-TIME FEMALES 20 YEARS AND OVER												
1972.....	1,292	1,248	1,292	1,246	1,405	1,316	1,378	1,343	1,278	1,298	1,163	1,095
1973.....	1,176	1,169	1,145	1,166	1,105	1,184	1,163	1,199	1,188	1,088	1,190	1,217
1974.....	1,211	1,220	1,202	1,211	1,278	1,301	1,352	1,341	1,497	1,468	1,731	1,848
1975.....	2,061	2,094	2,184	2,268	2,431	2,192	2,182	2,116	2,172	2,209	2,187	2,122
1976.....	2,033	2,033	1,998	1,964	1,949	2,032	2,103	2,154	2,131	2,129	2,151	2,149
UNEMPLOYED - PART-TIME WORKERS												
1972.....	1,069	1,045	1,109	1,109	1,002	1,060	1,017	1,066	1,091	1,111	1,111	1,081
1973.....	896	968	965	1,089	1,050	1,088	1,067	1,014	1,043	1,013	988	1,013
1974.....	1,037	1,080	1,046	1,001	1,107	1,146	1,127	1,105	1,211	1,174	1,264	1,296
1975.....	1,369	1,338	1,440	1,401	1,431	1,408	1,369	1,443	1,377	1,418	1,364	1,411
1976.....	1,414	1,417	1,384	1,473	1,398	1,286	1,500	1,429	1,377	1,449	1,469	1,366
UNEMPLOYED - PART-TIME WORKERS 16-19 YEARS												
1972.....	583	614	614	567	499	533	550	583	588	572	611	549
1973.....	432	529	513	629	577	595	540	531	558	553	544	538
1974.....	538	553	560	534	589	632	620	522	640	634	661	697
1975.....	716	688	724	707	690	677	686	724	703	719	693	713
1976.....	724	726	709	718	693	642	749	721	674	703	764	720
UNEMPLOYED - PART-TIME MALES 20 YEARS AND OVER												
1972.....	177	171	186	185	179	195	159	159	157	165	160	154
1973.....	125	126	126	175	145	158	170	161	164	150	132	160
1974.....	169	172	140	139	148	180	151	193	175	170	178	196
1975.....	185	202	220	212	280	219	225	225	230	233	227	212
1976.....	237	232	231	260	232	229	217	214	199	218	211	212
UNEMPLOYED - PART-TIME FEMALES 20 YEARS AND OVER												
1972.....	309	260	309	357	324	332	308	324	346	374	340	378
1973.....	339	313	326	285	328	335	357	322	321	310	312	315
1974.....	330	355	346	328	370	334	356	390	396	370	425	403
1975.....	468	448	496	482	461	512	458	494	444	466	444	486
1976.....	453	459	444	495	473	415	534	494	504	528	494	434
UNEMPLOYED - JOB LOSERS												
1972.....	2,213	2,102	2,118	2,021	2,205	2,126	2,149	2,221	2,103	2,015	1,908	1,865
1973.....	1,756	1,711	1,646	1,619	1,606	1,673	1,603	1,650	1,667	1,500	1,724	1,794
1974.....	1,983	2,004	1,931	1,922	1,886	1,932	2,058	2,117	2,325	2,428	2,917	3,253
1975.....	3,826	3,983	4,201	4,412	4,806	4,692	4,612	4,574	4,748	4,497	4,311	3,964
1976.....	3,611	3,490	3,472	3,461	3,506	3,580	3,758	3,790	3,727	3,756	3,802	3,736
UNEMPLOYED - JOB LOSERS ON LAYOFF												
1972.....	652	604	586	578	565	611	633	576	561	538	522	484
1973.....	479	487	462	449	497	426	426	495	434	390	508	528
1974.....	614	692	648	611	542	617	678	689	781	853	1,075	1,267
1975.....	1,443	1,607	1,707	1,820	1,875	1,987	1,788	1,740	1,839	1,770	1,427	1,303
1976.....	970	1,013	953	990	963	1,031	1,142	1,191	1,222	1,107	1,067	1,057
UNEMPLOYED - JOB LOSERS NOT ON LAYOFF												
1972.....	1,561	1,498	1,532	1,443	1,640	1,515	1,516	1,645	1,542	1,477	1,386	1,381
1973.....	1,277	1,224	1,184	1,170	1,109	1,247	1,177	1,155	1,233	1,110	1,216	1,266
1974.....	1,369	1,312	1,283	1,311	1,344	1,315	1,380	1,428	1,544	1,575	1,842	1,986
1975.....	2,383	2,376	2,494	2,592	2,931	2,705	2,824	2,834	2,909	2,727	2,884	2,661
1976.....	2,641	2,477	2,519	2,471	2,543	2,549	2,616	2,599	2,505	2,649	2,735	2,679

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYED - JOB LEAVERS												
IN THOUSANDS												
1972.....	575	596	643	604	654	621	644	663	659	682	628	635
1973.....	574	661	688	663	635	682	671	647	678	657	783	746
1974.....	740	752	719	732	697	760	759	777	750	826	764	773
1975.....	765	744	802	815	876	794	810	781	825	815	870	858
1976.....	845	847	775	841	892	895	957	994	934	936	858	831
UNEMPLOYED - REENTRANTS												
1972.....	1,556	1,499	1,535	1,524	1,384	1,380	1,444	1,408	1,413	1,476	1,400	1,326
1973.....	1,366	1,382	1,333	1,469	1,408	1,232	1,317	1,363	1,299	1,260	1,240	1,257
1974.....	1,209	1,248	1,238	1,277	1,464	1,431	1,483	1,465	1,621	1,458	1,684	1,737
1975.....	1,862	1,682	1,884	1,914	1,981	1,881	1,825	1,878	1,824	1,912	1,818	1,956
1976.....	1,933	1,861	1,861	1,840	1,775	1,813	1,879	1,941	1,912	1,927	2,061	1,957
UNEMPLOYED - NEW ENTRANTS												
1972.....	655	670	670	794	693	708	632	676	652	640	640	639
1973.....	632	656	677	678	668	678	642	625	635	607	598	607
1974.....	641	615	632	574	630	660	678	657	720	758	766	743
1975.....	767	799	765	755	825	739	836	912	806	846	836	859
1976.....	866	849	858	888	860	831	794	955	926	894	920	942
UNEMPLOYED - LESS THAN 5 WEEKS												
1972.....	2,298	2,075	2,294	2,214	2,175	2,263	2,231	2,269	2,336	2,345	2,166	1,974
1973.....	1,997	2,203	2,121	2,244	2,197	2,300	2,249	2,268	2,189	2,053	2,252	2,289
1974.....	2,338	2,344	2,401	2,331	2,429	2,467	2,498	2,585	2,692	2,722	3,002	3,040
1975.....	3,196	2,818	3,198	2,936	3,038	2,829	2,850	2,783	2,839	2,960	2,662	2,651
1976.....	2,635	2,637	2,630	2,988	2,795	2,730	2,931	2,867	2,852	2,952	2,759	2,765
UNEMPLOYED - 5-14 WEEKS												
1972.....	1,478	1,451	1,408	1,476	1,519	1,467	1,499	1,536	1,382	1,464	1,383	1,456
1973.....	1,325	1,237	1,320	1,441	1,295	1,219	1,290	1,255	1,341	1,316	1,250	1,305
1974.....	1,371	1,386	1,368	1,410	1,371	1,474	1,561	1,494	1,694	1,787	1,928	2,154
1975.....	2,578	2,536	2,558	2,621	2,621	2,465	2,200	2,445	2,419	2,448	2,373	2,200
1976.....	2,065	1,890	1,915	1,902	1,978	2,215	2,093	2,433	2,426	2,367	2,494	2,319
UNEMPLOYED - 15 WEEKS AND OVER												
1972.....	1,252	1,298	1,223	1,167	1,158	1,131	1,144	1,146	1,123	1,117	1,047	999
1973.....	938	892	871	784	802	759	738	771	773	782	842	761
1974.....	790	822	821	857	857	891	897	936	1,009	1,065	1,162	1,342
1975.....	1,566	1,843	2,001	2,356	2,586	2,718	2,879	2,823	2,922	2,734	2,949	2,981
1976.....	2,781	2,531	2,325	2,103	2,042	2,173	2,247	2,341	2,311	2,360	2,517	2,514
UNEMPLOYED - 15-26 WEEKS												
1972.....	662	648	590	497	581	587	638	615	584	600	576	544
1973.....	532	523	485	449	458	442	468	446	487	450	492	437
1974.....	463	491	494	510	510	538	529	563	631	671	728	801
1975.....	939	1,122	1,234	1,404	1,515	1,467	1,535	1,405	1,341	1,261	1,253	1,349
1976.....	1,165	968	870	715	850	902	1,058	1,127	1,118	1,094	1,188	1,130
UNEMPLOYED - 27 WEEKS AND OVER												
1972.....	590	650	633	670	577	544	506	531	539	517	471	451
1973.....	406	369	386	335	344	317	270	325	286	332	350	324
1974.....	327	331	327	347	347	353	368	373	378	394	434	541
1975.....	627	721	767	952	1,071	1,251	1,344	1,418	1,581	1,473	1,696	1,632
1976.....	1,616	1,563	1,455	1,388	1,192	1,271	1,189	1,214	1,193	1,266	1,329	1,384
UNEMPLOYED - 15 WEEKS AND OVER AS A PERCENT OF THE CIVILIAN LABOR FORCE												
1972.....	1.5	1.5	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.1
1973.....	1.1	1.0	1.0	.9	.9	.9	.8	.9	.9	.9	.9	.8
1974.....	.9	.9	.9	.9	.9	1.0	1.0	1.0	1.1	1.2	1.3	1.5
1975.....	1.7	2.0	2.2	2.6	2.8	2.9	3.1	3.0	3.1	2.9	3.2	3.2
1976.....	3.0	2.7	2.5	2.2	2.2	2.3	2.4	2.5	2.4	2.5	2.6	2.6
UNEMPLOYED - AVERAGE DURATION OF UNEMPLOYMENT: WEEKS												
1972.....	12.2	12.4	12.3	12.4	12.3	12.4	11.8	11.8	12.1	11.7	11.4	11.4
1973.....	11.0	10.5	10.6	10.0	10.1	9.6	9.6	9.8	9.4	10.2	10.0	9.5
1974.....	9.6	9.6	9.6	9.8	9.6	9.7	9.8	9.8	9.6	9.9	9.7	10.2
1975.....	10.8	11.7	11.5	12.9	13.5	15.3	14.9	15.4	16.1	15.5	16.8	16.9
1976.....	16.9	16.3	16.0	15.8	15.1	16.9	15.6	15.4	15.4	15.3	15.5	15.6
LABOR FORCE TIME LOST												
1972.....	6.2	5.9	6.1	6.0	6.1	5.9	5.9	6.2	5.9	5.9	5.5	5.4
1973.....	5.2	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.2	5.1	5.3	5.4
1974.....	5.6	5.5	5.4	5.5	5.6	5.7	5.9	6.1	6.5	6.5	7.3	7.8
1975.....	8.7	8.7	9.2	9.3	9.7	9.1	9.1	9.0	9.2	9.2	9.1	8.8
1976.....	8.4	8.1	8.1	8.1	8.1	7.9	8.1	8.4	8.4	8.6	8.6	8.4

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - ALL CIVILIAN WORKERS												
1972.....	5.8	5.7	5.8	5.7	5.6	5.6	5.6	5.6	5.6	5.7	5.2	5.1
1973.....	4.9	5.0	4.9	5.0	4.8	4.8	4.8	4.8	4.9	4.7	4.8	4.9
1974.....	5.0	5.1	5.0	5.0	5.1	5.3	5.5	5.5	5.9	6.1	6.7	7.2
1975.....	7.9	8.0	8.5	8.6	9.0	8.7	8.7	8.5	8.6	8.6	8.4	8.3
1976.....	7.8	7.6	7.5	7.5	7.3	7.6	7.8	7.9	7.8	7.9	8.0	7.8
UNEMPLOYMENT RATE - MALES												
1972.....	5.3	5.3	5.2	5.1	5.0	4.9	4.8	4.9	4.8	5.0	4.6	4.5
1973.....	4.1	4.3	4.2	4.3	4.3	4.1	4.0	4.1	4.1	4.0	4.1	4.1
1974.....	4.2	4.4	4.3	4.4	4.3	4.6	4.6	4.8	5.1	5.4	5.8	6.4
1975.....	7.1	7.4	7.7	8.0	8.4	8.3	8.3	8.0	8.3	8.2	7.9	7.6
1976.....	7.1	6.9	6.8	6.8	6.8	7.0	7.1	7.0	7.2	7.4	7.5	7.3
UNEMPLOYMENT RATE - FEMALES												
1972.....	6.7	6.3	6.7	6.7	6.6	6.8	7.0	6.9	6.7	6.8	6.2	6.2
1973.....	6.1	6.2	6.0	6.1	5.7	6.0	6.0	6.0	6.1	5.7	6.0	6.1
1974.....	6.2	6.2	6.1	5.9	6.3	6.5	6.7	6.5	7.2	7.1	8.0	8.3
1975.....	9.2	9.1	9.5	9.6	9.9	9.5	9.3	9.3	9.1	9.3	9.1	9.2
1976.....	8.7	8.6	8.5	8.5	8.1	8.4	8.8	9.1	8.8	8.8	8.7	8.6
UNEMPLOYMENT RATE - BOTH SEXES 16-19 YEARS												
1972.....	16.8	18.1	17.3	16.5	15.2	15.9	15.6	16.5	16.3	15.7	15.7	15.6
1973.....	13.6	15.2	14.2	15.4	14.9	13.9	14.3	14.1	14.6	14.4	14.9	14.6
1974.....	14.5	14.8	14.8	14.2	15.3	16.3	16.9	14.9	17.0	17.1	17.8	18.2
1975.....	19.5	19.4	20.0	19.8	20.3	20.8	20.5	20.5	19.6	19.9	19.1	19.8
1976.....	19.4	19.1	19.0	19.3	18.5	18.4	18.2	19.6	18.8	19.0	19.2	19.0
UNEMPLOYMENT RATE - MALES 16-19 YEARS												
1972.....	16.9	19.0	17.5	16.0	15.6	14.7	13.9	15.9	15.7	14.9	15.5	15.4
1973.....	13.1	14.0	13.5	14.5	14.4	13.3	13.6	13.8	13.9	13.9	14.5	14.1
1974.....	13.7	14.3	14.3	14.1	14.5	15.9	15.5	14.8	17.1	16.6	17.5	18.1
1975.....	19.4	19.9	20.0	20.6	19.9	22.1	21.0	20.7	19.6	19.8	19.0	19.6
1976.....	19.7	19.2	19.2	20.1	19.2	18.5	18.3	18.7	19.1	19.6	19.7	19.1
UNEMPLOYMENT RATE - FEMALES 16-19 YEARS												
1972.....	16.8	16.9	16.9	17.1	14.8	17.3	17.7	17.3	17.0	16.7	16.0	15.9
1973.....	14.3	16.7	15.1	16.4	15.4	14.6	15.2	14.4	15.4	14.9	15.4	15.2
1974.....	15.5	15.4	15.4	14.3	16.3	16.8	18.6	15.1	16.9	17.8	18.0	18.2
1975.....	19.6	18.9	20.1	18.9	20.9	19.2	20.0	20.3	19.6	19.9	19.2	20.0
1976.....	19.1	19.0	18.8	18.5	17.8	18.3	18.0	20.6	18.4	18.3	18.5	18.9
UNEMPLOYMENT RATE - BOTH SEXES 20 YEARS AND OVER												
1972.....	4.7	4.4	4.6	4.6	4.7	4.6	4.6	4.5	4.5	4.6	4.2	4.0
1973.....	4.0	3.9	3.9	3.9	3.8	3.9	3.8	3.8	3.8	3.6	3.7	3.9
1974.....	4.0	4.1	3.9	4.0	4.0	4.1	4.3	4.5	4.7	4.9	5.5	6.0
1975.....	6.7	6.8	7.2	7.5	7.8	7.5	7.4	7.3	7.4	7.5	7.3	7.1
1976.....	6.5	6.4	6.3	6.2	6.1	6.4	6.7	6.7	6.7	6.8	6.8	6.7
UNEMPLOYMENT RATE - MALES 20 YEARS AND OVER												
1972.....	4.2	4.1	4.1	4.1	4.1	4.0	4.0	3.9	3.8	4.0	3.6	3.5
1973.....	3.3	3.4	3.3	3.3	3.3	3.2	3.1	3.2	3.1	3.0	3.1	3.2
1974.....	3.3	3.5	3.3	3.4	3.4	3.5	3.6	3.9	4.0	4.4	4.7	5.3
1975.....	5.9	6.2	6.6	6.9	7.3	7.0	7.1	6.8	7.2	7.2	6.9	6.5
1976.....	5.9	5.8	5.6	5.5	5.6	5.9	6.1	5.9	6.1	6.2	6.3	6.2
UNEMPLOYMENT RATE - FEMALES 20 YEARS AND OVER												
1972.....	5.5	5.1	5.4	5.4	5.7	5.6	5.7	5.6	5.5	5.6	5.1	5.0
1973.....	5.1	4.9	4.9	4.8	4.5	4.9	4.9	5.0	4.9	4.5	4.8	5.0
1974.....	5.0	5.0	4.9	4.9	5.0	5.2	5.3	5.4	5.9	5.7	6.7	7.0
1975.....	7.9	7.8	8.2	8.4	8.5	8.3	8.0	8.0	7.8	8.0	7.9	7.9
1976.....	7.5	7.4	7.2	7.3	6.8	7.2	7.6	7.8	7.6	7.6	7.6	7.4
UNEMPLOYMENT RATE - BOTH SEXES 20-24 YEARS												
1972.....	9.9	9.2	9.8	9.6	9.4	9.0	9.6	9.1	9.1	9.6	8.7	8.4
1973.....	8.0	7.9	7.8	7.9	7.7	7.9	8.0	7.8	8.0	7.0	7.4	7.6
1974.....	8.2	8.4	7.9	7.9	8.4	8.5	8.8	9.6	9.6	9.3	10.7	11.7
1975.....	12.3	13.2	13.8	14.3	14.6	13.0	13.8	13.4	14.1	13.8	13.9	13.2
1976.....	12.6	12.0	12.0	11.9	11.3	11.5	11.4	11.9	11.7	12.6	12.7	12.5
UNEMPLOYMENT RATE - MALES 20-24 YEARS												
1972.....	10.3	9.5	10.3	10.0	9.1	8.8	9.5	8.7	8.7	9.3	8.6	8.3
1973.....	7.7	7.7	7.3	7.6	7.4	7.5	7.1	7.2	7.2	6.6	6.9	7.0
1974.....	7.7	8.2	7.6	7.5	8.0	8.0	8.2	9.3	9.1	9.5	10.6	11.5
1975.....	12.6	13.5	14.4	15.3	15.2	13.8	15.0	14.5	15.4	14.8	14.5	13.6
1976.....	12.8	12.1	12.0	11.3	11.3	11.6	12.0	11.8	11.7	12.7	12.6	12.9
UNEMPLOYMENT RATE - FEMALES 20-24 YEARS												
1972.....	9.4	8.9	9.2	9.0	9.8	9.4	9.8	9.5	9.7	9.9	8.8	8.6
1973.....	8.5	8.2	8.3	8.4	8.2	8.4	9.2	8.6	9.1	7.5	8.0	8.5
1974.....	8.9	8.6	8.2	8.4	9.0	9.2	9.6	9.9	10.2	9.1	10.7	11.9
1975.....	11.9	12.8	13.1	13.1	13.9	12.1	12.4	12.1	12.4	12.6	13.3	12.8
1976.....	12.4	11.9	12.0	12.5	11.2	11.4	10.6	11.9	11.8	12.4	12.8	11.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BOTH SEXES 25 YEARS AND OVER												
1972.....	3.8	3.6	3.7	3.7	3.8	3.8	3.7	3.7	3.6	3.7	3.3	3.2
1973.....	3.3	3.2	3.2	3.1	3.0	3.1	3.0	3.1	3.0	3.0	3.1	3.1
1974.....	3.2	3.2	3.2	3.3	3.2	3.3	3.4	3.5	3.8	4.1	4.5	4.9
1975.....	5.6	5.6	6.0	6.2	6.4	6.4	6.3	6.1	6.2	6.3	6.0	5.9
1976.....	5.4	5.3	5.2	5.1	5.1	5.4	5.9	5.6	5.8	5.7	5.6	5.5
UNEMPLOYMENT RATE - MALES 25 YEARS AND OVER												
1972.....	3.3	3.2	3.2	3.2	3.3	3.2	3.1	3.1	3.1	3.2	2.8	2.7
1973.....	2.6	2.6	2.7	2.6	2.6	2.5	2.5	2.5	2.4	2.4	2.4	2.5
1974.....	2.6	2.7	2.6	2.8	2.6	2.7	2.8	3.0	3.1	3.5	3.6	4.3
1975.....	4.8	4.9	5.3	5.5	5.8	5.8	5.7	5.5	5.8	5.9	5.6	5.3
1976.....	4.7	4.6	4.5	4.5	4.5	4.9	5.1	5.0	5.2	5.1	5.2	5.0
UNEMPLOYMENT RATE - FEMALES 25 YEARS AND OVER												
1972.....	4.6	4.3	4.6	4.6	4.8	4.8	4.8	4.7	4.6	4.6	4.3	4.2
1973.....	4.3	4.1	4.1	4.0	3.7	4.2	4.0	4.1	4.0	3.9	4.1	4.2
1974.....	4.1	4.2	4.1	4.1	4.2	4.2	4.4	4.3	5.0	5.0	5.8	5.9
1975.....	6.9	6.7	7.1	7.4	7.4	7.5	7.1	6.9	6.8	7.0	6.7	6.7
1976.....	6.4	6.3	6.1	6.1	6.0	6.3	7.1	6.7	6.7	6.6	6.4	6.4
UNEMPLOYMENT RATE - BOTH SEXES 25-54 YEARS												
1972.....	3.9	3.7	3.8	3.8	3.9	3.9	3.8	3.8	3.7	3.7	3.5	3.3
1973.....	3.4	3.3	3.3	3.3	3.2	3.3	3.1	3.2	3.1	3.0	3.1	3.3
1974.....	3.3	3.4	3.3	3.5	3.3	3.4	3.5	3.6	3.9	4.3	4.8	5.2
1975.....	6.0	5.9	6.3	6.6	6.9	6.8	6.6	6.5	6.5	6.6	6.3	6.1
1976.....	5.6	5.4	5.2	5.3	5.3	5.6	6.0	5.9	5.9	6.0	5.9	5.9
UNEMPLOYMENT RATE - MALES 25-54 YEARS												
1972.....	3.3	3.2	3.0	3.1	3.3	3.2	3.1	3.1	3.0	3.0	2.8	2.6
1973.....	2.7	2.7	2.7	2.7	2.6	2.5	2.4	2.5	2.3	2.3	2.3	2.5
1974.....	2.6	2.6	2.6	2.9	2.6	2.7	2.9	2.9	3.1	3.7	3.9	4.5
1975.....	5.1	5.1	5.5	5.7	6.2	6.1	6.0	5.9	6.0	6.1	5.9	5.5
1976.....	4.9	4.6	4.4	4.6	4.6	5.0	5.2	5.1	5.2	5.3	5.4	5.2
UNEMPLOYMENT RATE - FEMALES 25-54 YEARS												
1972.....	5.0	4.7	5.0	4.9	5.0	5.0	5.1	5.0	5.0	4.9	4.6	4.6
1973.....	4.6	4.4	4.3	4.3	4.1	4.6	4.2	4.4	4.3	4.2	4.4	4.6
1974.....	4.4	4.6	4.4	4.4	4.4	4.5	4.6	4.7	5.3	5.3	6.2	6.3
1975.....	7.4	7.1	7.6	8.0	8.0	8.0	7.4	7.4	7.3	7.4	7.0	7.1
1976.....	6.6	6.7	6.5	6.4	6.5	6.7	7.2	7.1	7.1	7.1	6.7	6.9
UNEMPLOYMENT RATE - MALES 25-34 YEARS												
1972.....	4.1	4.1	3.5	4.0	4.0	3.9	3.6	3.5	3.6	3.6	3.3	3.4
1973.....	3.4	3.4	3.5	3.3	3.6	3.2	3.3	3.5	3.3	3.2	2.9	3.2
1974.....	3.4	3.3	3.4	4.1	3.5	3.6	3.7	3.8	3.7	4.8	4.9	5.8
1975.....	6.2	6.5	6.9	7.2	7.3	7.6	7.4	6.9	7.3	7.1	7.1	6.7
1976.....	6.1	6.0	5.5	5.8	5.9	6.2	6.6	6.4	6.4	6.5	6.7	6.4
UNEMPLOYMENT RATE - FEMALES 25-34 YEARS												
1972.....	6.4	6.1	6.0	6.1	6.2	6.5	6.5	6.3	6.5	6.4	5.8	5.8
1973.....	6.0	5.5	5.5	5.6	5.9	6.6	5.7	6.0	5.4	5.4	6.0	5.9
1974.....	5.7	5.9	5.7	5.6	5.2	5.4	6.0	6.0	6.6	6.7	7.6	7.6
1975.....	8.9	8.6	9.4	9.7	10.1	10.0	9.5	9.1	8.8	9.0	8.4	8.7
1976.....	8.1	8.4	8.1	7.8	8.1	8.5	8.7	8.9	8.8	9.0	8.2	8.6
UNEMPLOYMENT RATE - MALES 35-44 YEARS												
1972.....	3.0	2.7	3.0	2.7	2.8	2.6	2.9	2.9	2.7	2.7	2.7	2.0
1973.....	2.1	2.2	2.2	2.1	2.1	2.0	1.8	1.8	1.8	1.7	1.9	2.3
1974.....	2.2	2.2	2.0	2.2	2.2	2.3	2.4	2.5	2.9	3.1	3.4	3.8
1975.....	4.3	4.4	4.8	5.1	5.7	5.1	5.1	5.1	4.9	5.0	5.2	4.6
1976.....	4.1	3.9	3.6	3.8	3.8	4.2	4.6	4.6	4.7	4.5	4.4	4.0
UNEMPLOYMENT RATE - FEMALES 35-44 YEARS												
1972.....	4.6	4.4	5.1	5.0	5.2	5.3	5.2	5.0	5.0	4.8	4.4	4.5
1973.....	4.4	4.0	3.9	3.7	3.8	3.7	3.8	3.9	4.2	3.7	4.0	3.8
1974.....	3.9	4.1	4.2	4.4	4.7	4.5	4.4	4.6	4.8	4.7	5.6	5.9
1975.....	7.3	6.8	6.9	7.6	6.7	7.0	6.0	6.7	6.8	7.0	6.7	6.6
1976.....	6.2	6.1	5.9	6.1	5.8	6.0	6.4	6.2	6.3	6.1	6.1	6.4
UNEMPLOYMENT RATE - MALES 45-54 YEARS												
1972.....	2.7	2.6	2.5	2.5	2.8	3.1	2.8	2.7	2.5	2.7	2.4	2.3
1973.....	2.4	2.4	2.3	2.4	2.1	2.0	1.8	1.9	1.6	1.8	2.1	2.0
1974.....	2.2	2.2	2.3	2.2	2.0	2.1	2.3	2.3	2.5	2.7	3.0	3.3
1975.....	4.4	3.9	4.2	4.4	5.1	5.2	5.1	5.3	5.4	6.0	4.9	4.7
1976.....	4.1	3.5	3.7	3.8	3.7	4.0	4.1	4.0	4.1	4.3	4.5	4.9
UNEMPLOYMENT RATE - FEMALES 45-54 YEARS												
1972.....	3.9	3.7	4.0	3.7	3.6	3.4	3.5	3.6	3.4	3.6	3.6	3.3
1973.....	3.2	3.4	3.2	3.5	2.5	3.3	3.1	3.1	3.1	3.3	3.1	3.7
1974.....	3.3	3.4	3.1	3.2	3.2	3.5	3.2	3.2	4.2	4.1	5.0	5.2
1975.....	5.7	5.6	6.1	6.2	6.5	6.4	6.2	5.9	5.7	5.6	5.5	5.6
1976.....	5.1	5.1	4.9	4.9	4.9	4.9	6.0	5.5	5.4	5.4	5.2	5.0

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - MALES 55 YEARS AND OVER												
1972.....	3.1	3.3	3.5	3.5	3.4	3.4	3.1	3.4	3.3	3.6	2.6	2.9
1973.....	2.5	2.3	2.3	2.4	2.6	2.6	2.8	2.6	2.7	2.8	2.7	2.4
1974.....	2.6	2.9	2.4	2.3	2.3	2.4	2.7	3.2	2.8	2.8	2.8	3.6
1975.....	3.9	4.3	4.5	4.7	4.7	4.5	4.6	4.5	4.6	4.7	4.7	4.8
1976.....	4.2	4.5	4.9	4.3	4.4	4.7	4.2	4.6	4.6	4.4	4.4	3.9
UNEMPLOYMENT RATE - FEMALES 55 YEARS AND OVER												
1972.....	3.2	3.0	3.0	3.6	3.7	3.7	3.9	3.9	3.0	3.3	3.1	3.0
1973.....	3.3	3.5	3.2	2.7	2.3	2.5	2.7	3.0	2.7	2.5	2.8	2.9
1974.....	2.9	2.8	3.1	2.9	3.3	3.2	3.0	3.3	3.7	3.8	4.0	4.4
1975.....	4.6	5.0	4.8	5.2	5.4	5.4	5.2	5.1	4.8	5.4	5.2	5.5
1976.....	5.0	4.8	4.5	4.9	4.2	4.7	5.9	5.2	5.2	4.9	5.1	4.7
UNEMPLOYMENT RATE - MALES 55-64 YEARS												
1972.....	3.1	3.2	3.5	3.3	3.3	3.4	3.2	3.4	3.0	3.4	2.3	2.8
1973.....	2.4	2.3	2.3	2.4	2.5	2.4	2.5	2.3	2.4	2.7	2.6	2.3
1974.....	2.5	2.8	2.2	2.2	2.1	2.3	2.6	2.9	2.7	2.6	2.6	3.5
1975.....	3.7	4.1	4.2	4.4	4.4	4.2	4.4	4.4	4.5	4.6	4.5	4.4
1976.....	3.7	4.2	4.4	4.3	4.2	4.5	4.1	4.5	4.6	4.3	4.2	3.8
UNEMPLOYMENT RATE - FEMALES 55-64 YEARS												
1972.....	3.2	3.1	3.1	3.7	3.7	3.7	3.7	3.3	2.8	3.2	3.1	3.1
1973.....	3.3	3.6	3.2	2.7	2.2	2.1	2.7	2.9	2.6	2.7	2.8	2.8
1974.....	2.7	2.5	3.0	2.8	3.2	3.1	3.0	3.2	3.6	3.7	4.0	4.7
1975.....	4.8	5.0	4.9	5.2	4.8	5.5	5.3	5.0	5.0	5.6	5.1	4.9
1976.....	4.9	4.9	4.4	4.9	4.1	4.6	5.4	5.4	5.4	5.0	5.1	4.8
UNEMPLOYMENT RATE - MALES 65 YEARS AND OVER												
1972.....	3.1	3.6	3.4	4.4	3.7	3.3	3.0	3.4	4.1	4.0	3.8	3.5
1973.....	2.9	2.5	2.1	2.4	2.7	3.4	4.0	3.4	3.7	3.2	3.1	2.9
1974.....	3.3	3.2	3.0	3.0	2.9	2.8	3.0	4.2	3.1	3.6	3.5	3.8
1975.....	4.4	4.9	5.4	5.8	5.7	5.7	5.6	5.1	5.1	5.5	5.7	6.3
1976.....	5.8	5.7	6.7	4.6	5.4	5.3	4.6	5.1	4.8	4.6	5.6	4.5
UNEMPLOYMENT RATE - FEMALES 65 YEARS AND OVER												
1972.....	3.1	2.6	2.8	3.1	3.5	3.4	4.5	6.0	3.7	3.9	3.0	2.9
1973.....	3.5	3.0	3.1	2.6	2.7	4.0	2.7	3.4	2.8	1.6	2.6	3.2
1974.....	3.4	4.0	3.8	3.3	3.7	3.4	3.4	3.4	4.1	4.0	3.8	3.5
1975.....	3.9	4.7	4.5	5.3	7.6	5.0	4.8	5.3	3.6	4.6	5.3	8.1
1976.....	5.4	4.3	5.1	4.9	4.5	4.9	7.8	4.6	4.2	4.6	4.9	4.5
UNEMPLOYMENT RATE - MALES 16-21 YEARS												
1972.....	15.7	16.5	16.1	14.8	13.8	12.7	13.1	14.1	13.5	13.3	13.4	13.4
1973.....	11.6	11.7	11.7	12.5	12.3	10.6	11.9	11.9	11.9	12.0	12.5	12.2
1974.....	12.0	12.3	12.6	12.1	13.0	13.5	13.7	13.9	14.7	14.7	15.4	16.1
1975.....	17.3	17.7	18.4	18.8	19.1	19.8	20.2	19.0	18.5	18.4	17.8	17.9
1976.....	18.3	17.6	17.3	16.9	16.5	16.3	17.2	16.9	16.8	17.3	17.7	17.5
UNEMPLOYMENT RATE - MALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1972.....	21.8	22.5	24.9	19.2	17.7	17.5	17.9	18.9	21.9	19.3	20.1	18.8
1973.....	16.4	15.2	16.9	19.0	17.1	17.2	19.0	19.1	16.8	17.3	17.1	17.3
1974.....	17.0	17.9	17.2	16.5	19.7	19.5	19.9	20.0	20.4	19.1	20.9	21.2
1975.....	21.9	22.7	20.5	21.7	21.8	20.7	19.9	19.7	21.8	22.2	21.1	22.6
1976.....	23.6	22.6	23.8	22.0	22.5	20.0	20.1	20.5	20.1	22.3	23.6	22.8
UNEMPLOYMENT RATE - MALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1972.....	13.9	14.7	13.4	13.5	12.7	11.4	11.7	12.7	10.9	11.5	11.4	11.7
1973.....	10.3	10.7	10.2	10.5	10.9	9.0	9.9	9.9	10.6	10.5	11.3	10.9
1974.....	10.7	10.8	11.3	11.1	11.3	11.8	11.9	12.2	13.1	13.5	13.9	14.6
1975.....	16.0	16.2	17.7	17.8	18.3	19.5	20.3	18.8	17.6	17.3	16.9	16.5
1976.....	16.7	16.1	15.5	15.6	14.7	15.0	16.5	15.9	15.9	15.8	16.0	16.6
UNEMPLOYMENT RATE - FEMALES 16-21 YEARS												
1972.....	14.9	14.3	14.7	14.9	13.1	14.7	15.1	15.1	15.0	15.0	14.1	13.7
1973.....	12.5	13.8	12.6	13.5	12.9	12.9	12.7	13.0	13.3	12.5	13.4	13.6
1974.....	13.8	14.0	13.6	12.7	14.4	14.1	15.4	14.5	15.1	15.2	15.4	15.9
1975.....	17.0	17.4	18.6	16.9	19.0	17.2	17.8	18.8	17.4	18.0	17.7	18.2
1976.....	16.9	16.3	16.3	16.5	15.5	16.3	15.3	18.3	15.8	16.2	17.0	16.5
UNEMPLOYMENT RATE - FEMALES 16-21 YEARS: MAJOR ACTIVITY SCHOOL												
1972.....	17.8	17.8	18.8	19.4	12.4	17.6	17.6	17.4	18.0	19.0	19.3	16.7
1973.....	14.1	17.2	15.6	16.7	16.1	16.8	17.5	17.3	15.7	15.9	14.9	16.7
1974.....	16.4	18.1	16.2	14.5	17.3	18.5	18.3	18.7	18.5	18.5	18.6	19.4
1975.....	21.3	20.9	22.5	19.0	22.4	20.4	19.0	19.3	19.8	20.5	20.3	20.5
1976.....	19.8	19.4	20.1	20.9	19.3	19.8	19.1	18.2	19.5	16.3	22.1	19.1
UNEMPLOYMENT RATE - FEMALES 16-21 YEARS: MAJOR ACTIVITY OTHER												
1972.....	14.0	13.4	13.6	13.6	13.3	13.9	14.5	14.4	14.1	13.9	12.6	12.9
1973.....	12.1	12.8	11.8	12.5	12.0	12.0	11.4	11.8	12.6	11.5	12.9	12.6
1974.....	13.1	12.8	12.9	12.3	13.7	12.9	14.6	13.3	14.2	14.2	14.4	14.9
1975.....	15.7	16.4	17.4	16.3	18.1	16.3	17.4	18.6	16.8	17.2	16.9	17.6
1976.....	16.1	15.4	15.2	15.4	14.3	15.2	14.2	18.3	14.5	16.1	15.3	15.7

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - WHITE WORKERS												
1972.....	5.2	5.1	5.2	5.2	5.1	5.1	5.1	5.1	5.0	5.1	4.7	4.6
1973.....	4.4	4.5	4.4	4.4	4.3	4.3	4.2	4.3	4.3	4.2	4.3	4.4
1974.....	4.5	4.6	4.5	4.5	4.6	4.8	4.9	5.0	5.4	5.5	6.0	6.5
1975.....	7.3	7.3	7.8	7.9	8.3	8.1	8.0	7.8	7.8	7.9	7.7	7.6
1976.....	7.1	6.8	6.8	6.8	6.7	6.8	7.1	7.1	7.2	7.2	7.3	7.1
UNEMPLOYMENT RATE - WHITE WORKERS 16-19 YEARS												
1972.....	14.8	15.4	15.2	14.8	13.3	14.1	13.7	14.6	14.6	13.5	13.2	13.2
1973.....	11.9	13.1	12.5	13.5	13.1	11.8	12.0	12.1	12.4	12.8	13.2	12.9
1974.....	12.9	12.9	12.7	12.5	13.4	14.3	14.2	13.0	15.3	15.0	15.5	15.8
1975.....	17.2	17.2	17.8	17.8	18.4	18.9	18.5	18.5	17.7	17.8	17.2	17.8
1976.....	17.7	17.1	17.1	17.2	16.3	16.0	16.2	17.1	16.6	16.8	17.2	17.2
UNEMPLOYMENT RATE - WHITE WORKERS 20 YEARS AND OVER												
1972.....	4.2	4.0	4.2	4.3	4.3	4.2	4.2	4.1	4.1	4.3	3.8	3.7
1973.....	3.7	3.6	3.5	3.5	3.4	3.5	3.3	3.4	3.4	3.2	3.3	3.5
1974.....	3.6	3.7	3.6	3.6	3.7	3.8	3.9	4.1	4.3	4.5	5.0	5.5
1975.....	6.2	6.3	6.7	6.9	7.3	6.9	6.9	6.6	6.8	6.9	6.7	6.5
1976.....	5.9	5.7	5.7	5.6	5.7	5.8	6.1	6.1	6.2	6.2	6.2	6.0
UNEMPLOYMENT RATE - WHITE MALES												
1972.....	4.8	4.7	4.8	4.7	4.5	4.5	4.3	4.4	4.5	4.6	4.2	4.0
1973.....	3.8	3.9	3.8	3.8	3.8	3.7	3.5	3.6	3.7	3.6	3.7	3.8
1974.....	3.8	3.9	3.8	3.9	3.9	4.1	4.2	4.3	4.6	4.9	5.2	5.8
1975.....	6.4	6.7	7.1	7.3	7.7	7.6	7.6	7.3	7.6	7.5	7.3	6.9
1976.....	6.4	6.2	6.2	6.1	6.2	6.3	6.5	6.4	6.6	6.7	6.8	6.5
UNEMPLOYMENT RATE - WHITE MALES 16-19 YEARS												
1972.....	15.2	16.3	15.8	14.6	13.8	13.4	12.9	14.3	14.6	13.2	13.3	13.0
1973.....	11.7	12.2	12.1	12.7	12.8	11.6	11.8	12.4	12.5	12.6	12.9	12.5
1974.....	12.1	12.4	12.0	12.3	13.2	13.7	13.4	12.8	15.1	14.6	15.3	15.8
1975.....	17.1	18.0	18.0	18.6	18.1	20.2	19.2	18.9	18.2	17.9	17.6	18.1
1976.....	18.3	17.2	17.7	18.1	17.2	16.2	16.9	16.5	17.0	17.5	17.9	17.3
UNEMPLOYMENT RATE - WHITE MALES 20 YEARS AND OVER												
1972.....	3.9	3.7	3.8	3.8	3.7	3.7	3.6	3.5	3.6	3.8	3.4	3.2
1973.....	3.1	3.1	3.1	3.0	3.0	2.9	2.7	2.8	2.9	2.7	2.8	3.0
1974.....	3.0	3.1	3.0	3.1	3.1	3.1	3.3	3.5	3.6	4.0	4.3	4.8
1975.....	5.4	5.6	6.1	6.3	6.7	6.4	6.5	6.2	6.6	6.6	6.3	5.5
1976.....	5.3	5.1	5.1	5.0	5.2	5.4	5.5	5.4	5.7	5.7	5.7	5.5
UNEMPLOYMENT RATE - WHITE FEMALES												
1972.....	5.9	5.7	6.0	6.2	6.1	6.1	6.3	6.2	6.0	6.0	5.4	5.5
1973.....	5.5	5.5	5.3	5.4	5.1	5.3	5.2	5.3	5.3	5.1	5.3	5.5
1974.....	5.6	5.6	5.6	5.4	5.7	6.0	6.0	5.9	6.7	6.4	7.3	7.6
1975.....	8.6	8.4	8.8	8.9	9.3	8.8	8.7	8.5	8.2	8.6	8.4	8.6
1976.....	8.1	7.8	7.7	7.7	7.4	7.6	7.9	8.3	8.0	8.1	8.1	8.0
UNEMPLOYMENT RATE - WHITE FEMALES 16-19 YEARS												
1972.....	14.3	14.3	14.4	15.1	12.8	14.9	14.7	15.0	14.6	14.0	13.2	13.4
1973.....	12.2	14.1	13.0	14.6	13.5	12.0	12.3	11.7	12.2	13.0	13.5	13.3
1974.....	13.7	13.5	13.6	12.9	13.7	15.1	15.1	13.3	15.6	15.4	15.7	15.8
1975.....	17.4	16.2	17.4	16.9	18.6	17.3	17.6	18.1	17.1	17.6	16.7	17.5
1976.....	17.0	16.9	16.3	16.2	15.3	15.8	15.3	17.9	16.2	16.1	16.3	17.1
UNEMPLOYMENT RATE - WHITE FEMALES 20 YEARS AND OVER												
1972.....	4.9	4.6	4.9	5.1	5.3	5.0	5.3	5.1	4.9	5.0	4.5	4.5
1973.....	4.6	4.4	4.3	4.2	4.1	4.4	4.3	4.5	4.4	4.1	4.2	4.5
1974.....	4.5	4.6	4.5	4.5	4.6	4.8	4.8	5.0	5.5	5.3	6.2	6.5
1975.....	7.4	7.4	7.7	7.9	8.1	7.7	7.5	7.3	7.1	7.5	7.4	7.5
1976.....	6.9	6.7	6.7	6.6	6.4	6.6	7.0	7.1	6.9	7.2	7.0	6.8
UNEMPLOYMENT RATE - BLACK AND OTHER WORKERS												
1972.....	10.8	10.5	10.2	9.4	10.0	9.6	10.0	9.9	10.0	10.1	9.9	9.4
1973.....	8.7	9.0	8.8	9.1	9.0	9.0	9.4	8.9	9.3	8.4	8.9	8.5
1974.....	9.0	9.2	9.1	8.7	9.1	9.2	9.9	9.5	9.9	10.9	11.6	12.4
1975.....	13.0	13.3	13.9	14.2	14.3	14.1	13.5	14.3	14.5	14.2	13.8	13.6
1976.....	13.2	13.6	12.6	13.0	12.3	13.4	12.9	13.6	12.8	13.4	13.5	13.4
UNEMPLOYMENT RATE - BLACK AND OTHER WORKERS 16-19 YEARS												
1972.....	35.2	39.8	35.1	32.6	31.3	30.4	30.5	31.5	32.3	34.1	36.5	35.5
1973.....	29.4	31.1	28.7	31.5	29.8	30.7	32.1	29.9	33.3	27.5	29.4	29.1
1974.....	28.3	29.7	32.6	29.5	31.1	32.7	37.7	31.4	31.4	34.0	37.6	37.6
1975.....	39.9	36.3	40.3	37.7	36.7	35.8	35.3	37.3	35.8	36.4	35.0	36.2
1976.....	35.0	35.3	36.0	38.5	37.8	40.0	34.2	40.0	38.3	38.0	36.5	34.8
UNEMPLOYMENT RATE - BLACK AND OTHER WORKERS 20 YEARS AND OVER												
1972.....	8.5	7.7	7.8	7.2	8.0	7.6	8.0	7.7	7.9	7.8	7.3	6.8
1973.....	6.7	6.7	6.9	6.8	6.9	6.8	7.2	6.9	6.8	6.6	6.9	6.4
1974.....	7.0	7.2	6.7	6.7	6.9	6.9	7.0	7.3	7.6	8.5	9.1	9.9
1975.....	10.4	10.9	11.4	11.8	12.0	12.0	11.3	12.1	12.4	12.0	11.8	11.4
1976.....	11.0	11.6	10.3	10.5	9.9	11.1	11.0	11.1	10.5	11.2	11.3	11.4

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BLACK AND OTHER MALES												
1972.....	9.5	10.2	9.3	8.7	9.3	8.0	9.1	8.9	8.4	8.2	8.6	8.5
1973.....	7.1	7.4	7.5	8.1	8.1	7.5	8.4	7.6	7.7	7.5	7.7	7.0
1974.....	7.8	8.6	8.9	8.1	7.8	8.8	8.6	9.0	9.7	10.1	11.0	11.8
1975.....	12.8	12.9	13.6	14.2	14.0	14.1	13.7	14.1	14.3	14.2	14.0	13.7
1976.....	13.0	13.1	12.2	12.3	11.8	13.0	12.2	12.7	12.2	13.2	13.7	13.4
UNEMPLOYMENT RATE - BLACK AND OTHER MALES 16-19 YEARS												
1972.....	32.1	40.2	31.9	28.1	29.7	23.8	23.9	28.5	26.6	29.1	33.4	33.1
1973.....	25.2	26.4	25.1	29.0	27.3	26.6	29.6	25.7	27.3	24.2	27.7	27.7
1974.....	25.4	28.7	33.2	28.5	25.3	33.0	32.7	31.9	34.4	31.3	36.2	37.1
1975.....	39.8	33.0	38.1	36.8	35.4	36.2	34.6	37.1	33.2	35.8	31.7	32.8
1976.....	32.1	35.4	33.3	36.2	36.4	37.9	29.8	37.6	38.8	37.7	35.4	34.5
UNEMPLOYMENT RATE - BLACK AND OTHER MALES 20 YEARS AND OVER												
1972.....	7.4	7.2	7.0	6.8	7.3	6.3	7.7	6.8	6.7	6.2	6.0	5.9
1973.....	5.3	5.5	5.7	5.9	6.2	5.6	6.3	5.9	5.6	5.8	5.6	4.8
1974.....	5.8	6.5	6.3	6.1	6.1	6.4	6.1	6.7	7.0	7.8	8.4	9.3
1975.....	10.2	10.8	11.3	12.0	12.0	11.9	11.7	11.9	12.6	12.2	12.4	11.9
1976.....	11.1	11.0	10.2	10.0	9.6	10.8	10.6	10.3	9.8	10.9	11.6	11.3
UNEMPLOYMENT RATE - BLACK AND OTHER FEMALES												
1972.....	12.3	10.9	11.4	10.3	10.8	11.7	11.0	11.2	11.9	12.5	11.5	10.6
1973.....	10.6	10.8	10.5	10.4	10.1	11.0	10.7	10.6	11.3	9.6	10.4	10.3
1974.....	10.5	9.9	9.4	9.4	10.7	9.7	11.4	10.0	10.1	11.9	12.4	13.1
1975.....	13.3	13.7	14.3	14.1	14.6	14.1	13.1	14.6	14.8	14.3	13.6	13.5
1976.....	13.4	14.2	13.0	13.7	12.9	13.9	13.8	14.7	13.6	13.7	13.2	13.3
UNEMPLOYMENT RATE - BLACK AND OTHER FEMALES 16-19 YEARS												
1972.....	38.8	39.3	39.4	38.7	33.4	40.3	38.9	35.5	39.9	40.4	40.8	39.0
1973.....	34.9	37.0	33.3	34.6	33.2	35.2	35.1	34.9	40.5	31.9	31.7	31.0
1974.....	32.3	30.9	31.8	30.9	38.0	32.3	43.8	30.8	27.8	37.6	35.5	38.2
1975.....	40.1	40.2	43.0	38.7	38.2	35.3	36.2	37.5	38.6	37.0	38.5	39.7
1976.....	38.1	35.2	39.1	41.1	39.5	42.6	39.2	42.6	37.7	38.5	37.7	35.1
UNEMPLOYMENT RATE - BLACK AND OTHER FEMALES 20 YEARS AND OVER												
1972.....	9.7	8.3	8.8	7.6	8.8	9.2	8.3	8.7	9.3	9.9	8.8	8.0
1973.....	8.4	8.2	8.3	8.0	7.9	8.3	8.2	8.1	8.1	7.5	8.4	8.3
1974.....	8.4	7.9	7.2	7.4	8.0	7.4	8.1	8.1	8.3	9.3	9.9	10.6
1975.....	10.6	10.9	11.5	11.6	12.1	12.0	10.8	12.3	12.2	11.9	11.1	10.7
1976.....	10.9	12.2	10.5	11.1	10.4	11.4	11.4	11.9	11.4	11.5	11.0	11.5
UNEMPLOYMENT RATE - BLACK WORKERS												
1972.....	11.0	10.8	10.2	9.7	10.2	10.1	10.6	10.7	10.5	10.7	10.0	9.3
1973.....	8.9	10.4	10.1	9.8	9.6	9.7	9.9	9.2	9.7	8.9	9.2	8.9
1974.....	9.3	9.3	9.4	9.3	9.7	9.9	10.4	9.9	10.8	11.6	12.5	13.1
1975.....	13.9	13.9	14.7	15.1	15.2	14.8	14.2	15.3	15.4	15.1	14.7	14.6
1976.....	14.0	13.9	13.1	13.5	13.2	14.0	13.9	14.5	13.6	14.2	14.1	14.0
UNEMPLOYMENT RATE - BLACK WORKERS 16-19 YEARS												
1972.....	35.8	40.4	34.8	35.3	33.8	32.1	33.8	35.1	33.8	36.3	37.4	36.6
1973.....	30.0	39.4	36.6	33.3	32.6	32.0	34.3	30.2	34.4	29.5	30.6	31.1
1974.....	31.1	31.5	34.3	32.0	33.4	34.0	40.2	32.2	34.9	35.6	40.0	39.4
1975.....	42.7	37.9	40.4	40.5	39.8	38.0	37.3	42.8	40.0	40.0	36.6	37.6
1976.....	37.0	36.8	37.2	37.8	40.9	41.9	38.6	42.5	39.8	40.2	39.2	38.2
UNEMPLOYMENT RATE - BLACK WORKERS 20 YEARS AND OVER												
1972.....	8.6	8.0	7.9	7.2	7.9	7.9	8.3	8.2	8.2	8.2	7.3	6.5
1973.....	6.9	7.0	7.1	7.3	7.2	7.3	7.4	7.1	7.0	6.8	7.0	6.8
1974.....	7.1	7.1	6.9	7.1	7.3	7.4	7.3	7.7	8.3	9.0	9.7	10.5
1975.....	11.1	11.4	12.1	12.5	12.7	12.5	11.9	12.8	13.0	12.7	12.6	12.2
1976.....	11.7	11.7	10.7	11.0	10.5	11.5	11.6	11.7	11.2	11.8	11.7	11.8
UNEMPLOYMENT RATE - BLACK MALES												
1972.....	10.1	10.2	6.8	8.7	9.4	8.2	9.6	9.7	9.1	9.0	9.0	8.6
1973.....	7.3	9.5	9.2	8.4	8.6	8.0	8.7	7.8	8.1	8.1	7.9	7.4
1974.....	8.2	8.6	9.1	8.6	8.4	9.6	9.0	9.6	10.7	10.9	11.9	12.7
1975.....	13.8	13.3	14.2	15.2	14.7	15.1	14.5	15.2	15.3	15.2	15.1	15.1
1976.....	13.8	13.5	12.6	12.8	12.8	13.6	13.3	13.7	13.3	14.2	14.6	14.1
UNEMPLOYMENT RATE - BLACK MALES 16-19 YEARS												
1972.....	32.7	39.4	30.6	30.7	32.6	24.3	27.2	31.1	29.4	32.5	34.6	33.9
1973.....	25.2	40.3	38.1	30.5	31.4	28.7	31.9	25.2	28.4	26.6	28.0	28.9
1974.....	28.0	28.7	33.1	30.2	27.3	34.2	35.6	32.8	36.5	32.1	38.1	37.6
1975.....	42.3	34.2	37.8	40.3	38.3	37.7	36.9	44.6	36.8	39.6	34.0	35.2
1976.....	34.0	35.6	33.3	33.8	40.2	40.6	35.6	39.9	39.2	39.2	36.8	36.7
UNEMPLOYMENT RATE - BLACK MALES 20 YEARS AND OVER												
1972.....	3.0	7.3	6.7	6.4	6.9	6.4	7.8	7.3	7.1	6.7	6.3	5.9
1973.....	5.6	5.6	5.8	6.0	6.2	5.9	6.4	6.1	5.9	6.0	5.8	5.1
1974.....	6.2	6.6	6.5	6.5	6.4	6.9	6.1	7.2	7.9	8.5	9.1	10.1
1975.....	11.0	11.2	11.9	12.6	12.3	12.7	12.2	12.6	13.3	12.9	13.4	13.2
1976.....	11.9	11.5	10.6	10.5	10.1	11.1	11.1	11.1	10.7	11.7	12.4	11.9

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - BLACK FEMALES												
1972.....	11.9	11.6	12.0	10.9	11.2	12.6	11.7	12.0	12.1	12.8	11.3	10.2
1973.....	10.6	11.5	11.1	11.4	10.7	11.8	11.3	10.9	11.7	10.0	10.9	10.7
1974.....	10.6	10.3	9.8	10.2	11.2	10.4	12.1	10.3	11.0	12.4	13.2	13.5
1975.....	14.1	14.5	15.2	15.0	15.9	14.5	13.8	15.5	15.6	15.0	14.2	14.0
1976.....	14.2	14.3	13.6	14.3	13.7	14.5	14.7	15.4	14.0	14.3	13.6	13.9
UNEMPLOYMENT RATE - BLACK FEMALES 16-19 YEARS												
1972.....	39.3	41.6	40.1	41.6	35.6	43.9	42.9	40.9	39.5	41.2	41.1	40.3
1973.....	36.0	38.0	34.5	36.8	34.2	35.4	37.1	36.1	41.6	33.4	33.8	33.8
1974.....	34.9	35.0	35.9	34.4	40.8	33.8	45.9	31.4	33.0	40.2	42.6	41.7
1975.....	43.1	42.2	43.4	40.7	41.4	38.5	37.8	40.9	43.4	40.4	39.4	40.0
1976.....	40.2	38.2	40.7	42.8	41.8	43.6	42.3	45.5	40.4	41.5	42.0	40.2
UNEMPLOYMENT RATE - BLACK FEMALES 20 YEARS AND OVER												
1972.....	9.2	8.8	5.3	8.0	9.1	9.7	8.8	9.2	9.5	10.0	8.5	7.3
1973.....	8.5	8.8	8.8	8.8	8.4	9.1	8.6	8.3	8.4	7.7	8.6	8.4
1974.....	8.1	7.8	7.3	7.9	8.3	7.9	8.6	8.3	8.8	9.6	10.4	10.8
1975.....	11.1	11.6	12.4	12.3	13.2	12.3	11.4	13.1	12.7	12.4	11.6	11.1
1976.....	11.6	12.0	10.8	11.5	10.9	11.9	12.1	12.5	11.7	11.9	11.0	11.6
UNEMPLOYMENT RATE - MARRIED WORKERS, SPOUSE PRESENT												
1972.....	3.8	3.7	3.7	3.7	3.7	3.7	3.7	3.6	3.6	3.6	3.3	3.3
1973.....	3.2	3.2	3.1	3.1	3.0	3.0	2.9	3.1	3.0	2.9	3.0	3.1
1974.....	3.1	3.3	3.1	3.1	3.0	3.3	3.5	3.6	3.9	3.9	4.5	5.0
1975.....	5.7	5.8	6.2	6.5	6.7	6.4	6.2	6.1	6.2	6.1	5.9	5.7
1976.....	5.2	5.2	5.0	5.0	5.0	5.3	5.4	5.5	5.5	5.4	5.5	5.3
UNEMPLOYMENT RATE - MARRIED MEN, SPOUSE PRESENT												
1972.....	3.0	2.9	2.8	2.8	2.8	2.8	2.8	2.6	2.8	2.9	2.5	2.4
1973.....	2.4	2.4	2.4	2.3	2.3	2.2	2.1	2.2	2.1	2.2	2.2	2.3
1974.....	2.3	2.4	2.3	2.3	2.2	2.5	2.6	2.8	2.8	3.1	3.4	3.9
1975.....	4.4	4.7	5.0	5.4	5.7	5.5	5.4	5.3	5.4	5.3	5.0	4.8
1976.....	4.1	4.2	4.1	4.0	4.1	4.3	4.4	4.3	4.5	4.4	4.5	4.3
UNEMPLOYMENT RATE - MARRIED WOMEN, SPOUSE PRESENT												
1972.....	5.3	5.3	5.4	5.5	5.6	5.6	5.7	5.6	5.3	5.2	5.0	5.0
1973.....	4.9	4.8	4.5	4.6	4.5	4.6	4.6	5.0	4.7	4.3	4.6	4.7
1974.....	4.8	5.0	4.7	4.5	4.6	4.8	5.1	5.3	5.9	5.4	6.5	7.1
1975.....	8.0	7.9	8.3	8.6	8.6	8.2	7.7	7.7	7.7	7.6	7.4	7.3
1976.....	7.1	7.1	6.8	6.8	6.7	7.2	7.4	7.6	7.3	7.3	7.2	7.0
UNEMPLOYMENT RATE - HOUSEHOLD HEADS												
1972.....	3.5	3.4	3.4	3.3	3.5	3.5	3.4	3.3	3.3	3.5	3.0	2.9
1973.....	2.9	3.0	2.9	2.9	2.8	2.8	2.8	2.8	2.8	2.8	2.9	2.9
1974.....	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.3	3.6	3.7	4.0	4.6
1975.....	5.2	5.3	5.7	5.9	6.2	6.1	6.0	5.8	6.0	6.0	5.7	5.6
1976.....	5.2	5.0	5.0	4.8	4.9	5.1	5.3	5.2	5.4	5.4	5.3	5.1
UNEMPLOYMENT RATE - MALE HOUSEHOLD HEADS												
1972.....	3.2	3.1	3.1	3.0	3.0	3.1	3.0	2.9	3.0	3.0	2.7	2.6
1973.....	2.6	2.6	2.5	2.5	2.4	2.4	2.3	2.4	2.3	2.3	2.4	2.5
1974.....	2.5	2.6	2.5	2.6	2.4	2.6	2.7	2.9	3.1	3.4	3.7	4.2
1975.....	4.8	5.0	5.3	5.5	5.8	5.8	5.7	5.5	5.8	5.7	5.5	5.2
1976.....	4.6	4.5	4.5	4.4	4.4	4.7	4.8	4.7	4.9	4.9	5.0	4.8
UNEMPLOYMENT RATE - MALE HOUSEHOLD HEADS LIVING WITH RELATIVES												
1972.....	2.9	2.8	2.8	2.8	2.8	2.7	2.7	2.5	2.7	2.8	2.4	2.3
1973.....	2.4	2.4	2.3	2.3	2.2	2.1	2.1	2.1	2.1	2.1	2.2	2.2
1974.....	2.2	2.4	2.3	2.3	2.1	2.4	2.6	2.7	2.8	3.1	3.3	3.8
1975.....	4.5	4.6	4.9	5.2	5.5	5.4	5.3	5.2	5.3	5.2	4.9	4.7
1976.....	4.1	4.1	4.0	3.9	4.0	4.2	4.4	4.2	4.4	4.4	4.5	4.3
UNEMPLOYMENT RATE - MALE HOUSEHOLD HEADS NOT LIVING WITH RELATIVES												
1972.....	6.6	6.2	6.6	5.9	6.2	7.1	6.8	7.1	6.4	6.1	5.8	5.9
1973.....	4.9	5.4	5.3	5.1	5.2	4.9	4.9	5.5	4.4	4.8	5.0	5.3
1974.....	5.8	5.4	4.8	5.1	5.5	5.1	4.4	4.4	5.9	6.1	6.5	8.5
1975.....	8.3	8.5	8.7	9.0	8.7	8.9	9.5	8.3	10.0	10.0	10.5	9.2
1976.....	8.6	8.1	8.8	9.0	8.3	9.0	8.8	8.6	8.5	8.8	9.0	8.4
UNEMPLOYMENT RATE - FEMALE HOUSEHOLD HEADS												
1972.....	5.4	5.2	5.0	5.3	5.5	5.7	5.5	5.7	5.4	6.1	5.0	4.7
1973.....	5.2	5.4	5.1	5.1	4.8	5.8	5.4	5.1	5.3	5.2	5.9	5.3
1974.....	5.1	4.7	5.2	5.3	5.4	5.3	4.8	5.3	5.8	5.9	6.7	6.9
1975.....	7.0	7.4	7.5	7.4	7.7	7.9	7.8	7.6	7.2	7.9	7.9	8.5
1976.....	8.0	7.7	7.3	7.0	6.4	7.0	7.8	8.1	8.0	8.1	7.4	7.6
UNEMPLOYMENT RATE - FEMALE HOUSEHOLD HEADS LIVING WITH RELATIVES												
1972.....	7.2	7.0	7.0	7.1	6.9	7.7	7.3	7.3	7.2	8.3	6.5	6.2
1973.....	7.0	6.5	6.9	6.9	6.5	8.0	7.0	6.5	6.7	7.0	8.0	7.1
1974.....	6.6	6.3	6.4	6.5	6.7	6.6	6.2	6.6	7.4	7.3	8.5	8.3
1975.....	8.8	9.6	9.8	9.4	10.1	10.2	10.5	10.2	9.9	10.5	10.2	10.4
1976.....	10.1	10.1	9.5	9.5	8.7	9.6	10.2	11.0	10.7	10.7	9.8	10.2

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - FEMALE HOUSEHOLD HEADS NOT LIVING WITH RELATIVES												
1972.....	3.8	3.7	3.2	3.7	4.2	3.9	3.9	4.2	3.8	4.2	3.6	3.4
1973.....	3.5	4.4	3.5	3.5	3.2	3.9	4.0	4.0	3.9	3.6	3.9	3.8
1974.....	3.8	3.2	4.2	4.3	4.2	4.0	3.6	4.1	4.2	4.7	4.9	5.5
1975.....	5.3	5.3	5.3	5.5	5.4	5.8	5.3	5.1	4.7	5.5	5.9	6.7
1976.....	5.9	5.5	5.2	4.7	4.3	4.7	5.5	5.4	5.4	5.6	5.2	5.1
UNEMPLOYMENT RATE - FULL-TIME WORKERS												
1972.....	5.3	5.2	5.2	5.2	5.3	5.1	5.2	5.2	5.0	5.1	4.6	4.5
1973.....	4.5	4.5	4.4	4.4	4.3	4.2	4.2	4.3	4.3	4.1	4.4	4.4
1974.....	4.5	4.6	4.5	4.6	4.6	4.7	5.0	5.0	5.4	5.6	6.2	6.7
1975.....	7.5	7.7	8.1	8.4	8.7	8.4	8.4	8.2	8.4	8.4	8.2	7.9
1976.....	7.3	7.1	7.0	7.0	6.9	7.2	7.3	7.5	7.5	7.6	7.6	7.5
UNEMPLOYMENT RATE - FULL-TIME WORKERS 16-19 YEARS												
1972.....	18.0	19.1	18.1	18.3	17.0	15.9	16.5	17.3	16.4	15.8	15.1	16.0
1973.....	14.4	15.2	14.5	15.1	14.5	11.8	14.2	14.1	14.8	14.5	15.8	15.0
1974.....	14.8	15.0	15.1	14.5	15.1	16.0	17.6	16.1	17.3	17.8	18.4	18.0
1975.....	20.7	20.9	21.9	21.8	22.1	23.0	22.7	22.5	21.4	21.3	20.8	21.3
1976.....	21.0	19.7	19.9	21.3	19.7	20.2	17.9	21.6	21.0	20.8	19.9	19.8
UNEMPLOYMENT RATE - FULL-TIME MALES 20 YEARS AND OVER												
1972.....	4.0	3.9	3.9	3.9	3.9	3.8	3.8	3.7	3.7	3.9	3.4	3.3
1973.....	3.2	3.3	3.2	3.1	3.2	3.1	2.9	3.0	2.9	2.9	2.9	3.0
1974.....	3.2	3.3	3.2	3.3	3.2	3.3	3.5	3.7	3.8	4.3	4.5	5.2
1975.....	5.9	6.1	6.5	6.8	7.0	6.9	7.0	6.7	7.2	7.1	6.8	6.4
1976.....	5.7	5.6	5.4	5.3	5.4	5.8	5.9	5.8	6.0	6.1	6.2	6.1
UNEMPLOYMENT RATE - FULL-TIME FEMALES 20 YEARS AND OVER												
1972.....	5.6	5.4	5.6	5.4	6.0	5.6	5.9	5.7	5.5	5.5	5.0	4.7
1973.....	5.0	4.9	4.8	4.9	4.6	4.9	4.8	5.0	4.9	4.5	4.9	5.0
1974.....	5.0	5.0	4.9	4.9	5.1	5.2	5.4	5.3	5.9	5.8	6.9	7.3
1975.....	8.0	8.2	8.5	8.8	9.3	8.5	8.5	8.2	8.3	8.4	8.3	8.0
1976.....	7.6	7.6	7.5	7.3	7.2	7.5	7.8	8.0	7.9	7.9	7.8	7.8
UNEMPLOYMENT RATE - PART-TIME WORKERS												
1972.....	8.6	8.4	8.9	8.8	8.0	8.9	8.2	8.4	8.6	8.9	8.8	8.5
1973.....	7.3	7.7	7.6	8.4	8.2	8.7	8.5	8.0	7.9	7.7	7.5	7.7
1974.....	7.9	8.2	7.9	7.7	8.4	8.7	8.4	8.5	9.1	8.9	9.5	9.8
1975.....	10.3	10.1	10.8	10.4	10.7	10.3	9.7	10.4	10.1	10.5	10.1	10.6
1976.....	10.3	10.3	10.2	10.6	10.1	9.2	10.6	10.0	9.6	10.3	10.5	9.8
UNEMPLOYMENT RATE - PART-TIME WORKERS 16-19 YEARS												
1972.....	16.0	16.6	16.7	15.1	13.5	15.7	15.0	15.6	15.9	15.6	16.5	14.9
1973.....	12.6	14.5	13.7	16.1	15.3	16.9	15.6	14.6	14.2	14.2	13.9	13.8
1974.....	14.1	14.2	14.5	14.1	15.3	16.3	16.2	14.0	16.4	16.2	17.1	17.9
1975.....	18.1	17.6	18.3	18.0	17.8	17.0	16.8	17.8	17.4	18.2	17.4	17.9
1976.....	17.9	18.4	18.1	17.6	17.0	15.3	17.5	16.6	16.2	17.2	18.6	17.8
UNEMPLOYMENT RATE - PART-TIME MALES 20 YEARS AND OVER												
1972.....	7.5	7.1	7.5	7.7	7.4	8.1	6.6	6.5	6.4	6.9	6.5	6.2
1973.....	5.3	5.2	5.2	7.1	5.9	6.6	7.0	6.7	6.9	6.0	5.3	6.4
1974.....	6.6	7.1	5.8	5.8	6.1	7.4	6.1	7.9	6.9	6.7	7.1	7.7
1975.....	7.4	8.0	8.6	8.3	10.7	8.3	8.3	8.5	8.9	9.1	9.0	8.8
1976.....	9.2	8.9	9.4	9.8	9.1	8.8	8.7	8.4	7.7	8.6	8.1	8.1
UNEMPLOYMENT RATE - PART-TIME FEMALES 20 YEARS AND OVER												
1972.....	4.8	4.1	4.9	5.6	5.1	5.4	4.9	5.0	5.2	5.8	5.2	5.8
1973.....	5.3	4.8	5.0	4.3	5.0	5.1	5.4	4.8	4.6	4.6	4.6	4.6
1974.....	4.9	5.2	5.0	4.8	5.4	4.9	5.0	5.7	5.8	5.5	6.2	5.9
1975.....	6.8	6.6	7.3	6.9	6.7	7.2	6.3	6.9	6.3	6.6	6.4	7.0
1976.....	6.4	6.4	6.2	6.9	6.6	5.8	7.2	6.6	6.6	7.1	6.7	6.0
UNEMPLOYMENT RATE - WHITE-COLLAR WORKERS												
1972.....	3.5	3.4	3.5	3.3	3.5	3.3	3.4	3.5	3.4	3.5	3.1	3.2
1973.....	3.0	3.0	3.0	3.1	2.8	3.0	2.9	3.0	3.0	2.7	2.8	3.1
1974.....	3.1	3.1	2.9	2.9	3.1	3.2	3.3	3.2	3.6	3.3	3.8	4.1
1975.....	4.4	4.4	4.6	4.8	5.3	4.9	4.8	4.6	4.9	4.8	4.8	4.8
1976.....	4.6	4.6	4.6	4.7	4.5	4.5	4.7	4.9	4.6	4.6	4.7	4.5
UNEMPLOYMENT RATE - PROFESSIONAL AND TECHNICAL WORKERS												
1972.....	2.7	2.5	2.4	2.2	2.3	2.4	2.5	2.4	2.3	2.6	2.2	2.5
1973.....	2.1	2.0	2.3	2.1	2.0	2.3	1.9	2.2	2.2	2.2	2.0	2.3
1974.....	2.3	2.0	2.0	2.2	2.1	2.1	2.1	2.2	2.6	2.4	2.5	2.6
1975.....	2.9	3.1	2.9	3.3	3.5	3.3	3.5	3.0	3.3	3.3	3.5	3.2
1976.....	3.0	3.5	3.5	3.3	3.1	3.0	3.1	3.1	3.0	3.2	3.4	3.3
UNEMPLOYMENT RATE - MANAGERS AND ADMINISTRATORS, EXCEPT FARM												
1972.....	1.8	1.7	2.0	1.7	1.5	1.4	1.8	2.0	1.8	2.0	1.9	1.7
1973.....	1.5	1.6	1.3	1.5	1.4	1.4	1.5	1.3	1.3	1.5	1.3	1.4
1974.....	1.6	1.7	1.6	1.6	1.7	1.8	1.4	2.0	2.1	1.9	2.3	2.6
1975.....	3.1	2.6	2.9	3.2	3.2	3.0	2.9	3.0	3.4	3.0	3.0	3.0
1976.....	2.9	2.9	2.9	2.8	3.1	3.1	3.4	3.5	3.2	3.0	3.1	3.1

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - SALES WORKERS												
1972.....	4.4	4.1	4.2	3.8	4.1	4.3	4.3	4.6	4.7	4.4	4.4	3.9
1973.....	3.7	3.7	3.6	4.0	3.6	3.5	3.7	3.8	3.7	3.1	3.3	4.2
1974.....	3.7	4.2	3.9	3.4	4.2	4.6	4.2	3.7	4.3	4.6	5.0	5.6
1975.....	5.4	5.4	6.0	5.9	6.0	6.1	5.1	5.8	5.9	6.0	6.0	6.1
1976.....	6.1	5.3	5.0	5.0	4.9	5.3	5.4	5.8	5.6	5.4	5.7	5.0
UNEMPLOYMENT RATE - CLERICAL WORKERS												
1972.....	4.6	4.7	4.9	4.9	5.1	4.8	4.6	4.9	4.7	4.6	4.1	4.4
1973.....	4.3	4.2	4.2	4.5	3.9	4.2	4.1	4.2	4.2	3.6	4.2	4.3
1974.....	4.3	4.4	4.0	4.1	4.3	4.4	5.0	4.5	5.0	4.4	5.3	5.4
1975.....	6.0	6.1	6.5	6.5	7.6	6.7	6.7	6.5	6.6	6.7	6.4	6.6
1976.....	6.4	6.1	6.3	7.0	6.3	6.2	6.6	7.0	6.2	6.2	6.3	6.1
UNEMPLOYMENT RATE - BLUE-COLLAR WORKERS												
1972.....	6.8	6.7	6.5	6.5	6.6	6.5	6.8	6.7	6.3	6.4	5.9	5.7
1973.....	5.3	5.4	5.2	5.1	5.3	5.3	5.5	5.5	5.4	5.4	5.6	5.3
1974.....	5.7	5.9	5.8	6.0	5.7	6.2	6.4	6.8	7.2	7.7	8.5	9.6
1975.....	10.6	10.7	12.0	12.4	12.8	12.5	12.4	12.0	12.0	11.7	11.2	10.6
1976.....	9.4	9.3	9.1	8.9	9.0	9.3	9.7	9.8	9.8	9.8	9.7	9.6
UNEMPLOYMENT RATE - CRAFT AND KINDRED WORKERS												
1972.....	4.5	4.5	4.2	4.3	4.4	4.4	4.2	4.3	4.0	4.2	4.1	3.9
1973.....	3.7	3.8	3.8	3.7	3.7	3.5	3.9	3.8	3.7	3.7	3.9	3.3
1974.....	3.8	3.9	3.6	3.8	3.7	4.0	4.1	4.4	4.9	5.2	5.2	6.5
1975.....	7.2	6.5	8.5	8.6	9.2	9.0	9.2	8.5	8.7	8.7	8.1	7.3
1976.....	6.8	6.8	6.7	6.9	6.3	7.0	7.2	7.0	6.9	6.8	7.0	7.0
UNEMPLOYMENT RATE - OPERATIVES, EXCEPT TRANSPORT												
1972.....	7.5	7.7	7.2	7.4	8.0	7.9	8.9	7.7	7.6	7.3	6.9	6.6
1973.....	6.1	6.0	5.7	5.8	6.0	6.1	6.3	6.3	6.5	6.5	6.4	6.3
1974.....	6.9	7.0	7.1	7.0	6.8	7.3	7.5	8.4	8.9	9.4	11.2	12.3
1975.....	13.6	14.4	15.2	16.0	16.0	15.9	15.4	14.9	14.5	13.7	13.4	12.9
1976.....	10.4	10.5	10.2	9.9	10.6	10.7	11.1	11.3	11.5	11.6	11.3	11.0
UNEMPLOYMENT RATE - TRANSPORT EQUIPMENT OPERATIVES												
1972.....	5.4	5.1	4.6	4.8	4.2	4.0	4.4	5.4	4.9	5.8	3.8	3.9
1973.....	3.9	4.7	4.1	3.0	4.4	4.3	4.2	4.1	3.3	3.8	4.0	4.8
1974.....	4.3	4.4	4.7	4.8	4.7	5.2	4.9	4.7	5.3	5.8	6.3	6.4
1975.....	7.3	7.8	7.5	8.3	8.7	8.3	8.7	9.2	9.6	9.5	9.0	9.1
1976.....	8.5	7.6	7.6	6.3	6.5	7.2	8.2	8.1	8.0	8.3	8.2	8.1
UNEMPLOYMENT RATE - NONFARM LABORERS												
1972.....	11.6	11.3	12.0	10.5	10.4	9.6	9.6	10.9	9.7	9.5	9.3	8.5
1973.....	8.5	8.6	8.4	8.3	8.4	8.6	8.3	8.3	8.4	8.2	9.1	8.5
1974.....	8.4	9.1	8.8	9.8	8.5	9.6	10.7	10.4	10.5	11.0	11.6	13.3
1975.....	14.2	14.1	16.0	16.2	17.0	15.9	16.2	15.9	15.7	16.4	15.8	14.9
1976.....	14.3	13.9	13.2	13.0	13.6	12.8	13.4	14.5	14.6	14.0	13.5	13.9
UNEMPLOYMENT RATE - SERVICE WORKERS												
1972.....	6.2	6.0	6.4	6.2	6.2	6.0	6.5	6.4	6.9	6.4	6.2	6.1
1973.....	5.6	6.1	6.0	6.1	5.8	5.2	5.6	5.5	5.7	5.1	5.8	6.1
1974.....	5.6	6.0	5.9	5.8	6.7	6.0	6.3	6.3	6.5	6.6	7.0	7.2
1975.....	7.9	7.6	8.2	8.3	8.7	8.5	8.5	9.3	8.8	9.0	8.7	9.2
1976.....	9.0	8.8	8.6	8.3	8.2	8.6	8.6	8.5	8.7	9.4	9.3	9.0
UNEMPLOYMENT RATE - PRIVATE HOUSEHOLD WORKERS												
1972.....	4.9	4.1	5.2	2.3	4.0	3.1	3.4	6.2	4.2	3.8	2.8	4.3
1973.....	3.5	4.1	4.6	5.1	4.8	5.5	3.2	4.4	4.3	4.4	4.5	4.6
1974.....	4.7	4.3	4.3	4.1	4.0	4.3	4.7	4.0	4.3	4.3	4.9	4.2
1975.....	4.7	4.8	4.9	4.7	6.0	3.2	5.2	6.0	6.7	6.1	5.8	7.2
1976.....	5.9	7.1	6.2	5.6	5.9	5.4	5.6	5.8	3.4	6.2	6.2	5.5
UNEMPLOYMENT RATE - OTHER SERVICE WORKERS												
1972.....	6.4	6.2	6.6	6.8	6.5	6.5	7.0	6.5	7.2	6.8	6.7	6.3
1973.....	5.8	6.4	6.2	6.2	5.9	5.2	5.9	5.7	5.9	5.2	6.0	6.3
1974.....	5.7	6.2	6.1	6.0	7.0	6.2	6.6	6.5	6.7	6.8	7.2	7.5
1975.....	8.2	8.0	8.6	8.7	9.0	9.1	8.8	9.7	9.1	9.3	8.9	9.4
1976.....	9.3	9.0	8.8	8.6	8.5	8.9	8.9	8.8	9.2	9.7	9.6	9.4
UNEMPLOYMENT RATE - FARM WORKERS												
1972.....	2.8	2.7	2.2	2.3	2.6	2.6	2.4	2.6	2.8	3.2	3.0	2.5
1973.....	2.5	2.6	2.3	2.5	3.3	2.6	2.0	2.5	2.5	2.6	2.5	2.4
1974.....	2.0	2.2	2.5	2.4	2.5	2.6	3.0	2.7	2.7	2.7	2.8	2.4
1975.....	3.7	3.2	3.7	3.5	3.1	3.2	2.9	3.8	3.7	3.9	3.8	4.1
1976.....	4.2	4.0	4.5	4.5	4.6	4.2	4.3	3.6	4.0	4.2	5.1	6.1
UNEMPLOYMENT RATE - FARM LABORERS AND SUPERVISORS												
1972.....	6.0	5.7	4.5	4.9	5.5	5.6	4.8	4.6	5.9	6.8	6.0	5.0
1973.....	5.4	5.4	4.7	5.9	7.0	5.4	5.4	5.4	5.3	5.3	5.1	5.0
1974.....	4.1	4.5	5.1	4.7	4.5	5.2	6.1	5.5	5.3	5.5	5.3	4.9
1975.....	7.5	6.8	7.5	7.6	6.4	6.8	5.9	7.7	7.4	7.8	8.0	8.4
1976.....	8.5	8.0	8.8	8.7	9.5	8.5	8.7	7.3	7.9	8.6	10.4	11.4

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - TOTAL WAGE AND SALARY WORKERS												
1972.....	5.5	5.4	5.4	5.3	5.3	5.2	5.3	5.4	5.2	5.3	4.9	4.8
1973.....	4.5	4.6	4.5	4.6	4.5	4.4	4.4	4.5	4.5	4.3	4.5	4.6
1974.....	4.7	4.8	4.7	4.8	4.8	5.0	5.1	5.2	5.6	5.8	6.4	6.9
1975.....	7.7	7.7	8.2	8.5	8.9	8.6	8.4	8.3	8.4	8.4	8.2	8.0
1976.....	7.5	7.3	7.1	7.1	7.1	7.2	7.4	7.5	7.4	7.5	7.6	7.4
UNEMPLOYMENT RATE - WAGE AND SALARY WORKERS IN AGRICULTURAL INDUSTRIES												
1972.....	8.6	8.1	6.8	6.3	8.0	7.4	6.7	6.6	8.8	9.8	8.2	7.0
1973.....	6.7	7.3	6.5	7.3	8.9	6.8	5.5	7.3	6.3	6.7	7.4	6.6
1974.....	6.6	6.8	7.0	7.1	6.9	7.3	8.2	7.1	7.2	8.2	7.5	7.7
1975.....	10.5	9.1	10.7	11.1	9.2	10.2	8.9	10.8	10.9	10.9	10.2	11.9
1976.....	11.2	10.8	11.2	11.4	12.5	11.0	11.8	10.4	11.2	11.5	13.2	14.0
UNEMPLOYMENT RATE - WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1972.....	5.5	5.4	5.4	5.3	5.3	5.1	5.3	5.3	5.1	5.2	4.9	4.8
1973.....	4.5	4.6	4.5	4.6	4.4	4.4	4.4	4.5	4.5	4.3	4.5	4.6
1974.....	4.6	4.8	4.6	4.7	4.8	4.9	5.1	5.2	5.6	5.7	6.3	6.9
1975.....	7.6	7.7	8.2	8.5	8.9	8.6	8.4	8.3	8.4	8.3	8.1	7.9
1976.....	7.4	7.3	7.1	7.1	7.0	7.1	7.4	7.5	7.3	7.5	7.5	7.3
UNEMPLOYMENT RATE - GOVERNMENT WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1972.....	3.0	2.9	2.9	2.8	2.9	2.8	2.8	3.0	3.1	3.0	2.8	3.1
1973.....	2.4	2.6	2.6	3.3	2.6	2.7	2.8	2.7	2.9	2.7	2.6	2.6
1974.....	2.6	2.8	2.8	2.8	3.3	2.9	2.9	2.9	3.1	3.1	3.5	3.3
1975.....	3.5	3.6	3.8	3.6	4.7	4.0	4.1	4.1	4.2	4.3	3.9	4.4
1976.....	4.3	4.4	4.4	4.8	4.6	4.3	4.5	4.4	3.9	4.4	4.3	4.4
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN NONAGRICULTURAL INDUSTRIES												
1972.....	6.0	5.9	6.0	5.8	5.8	5.6	5.8	5.9	5.6	5.8	5.3	5.1
1973.....	5.0	5.0	4.8	4.8	4.8	4.7	4.8	4.8	4.8	4.6	4.9	5.0
1974.....	5.1	5.2	5.0	5.1	5.1	5.4	5.5	5.7	6.1	6.3	7.0	7.7
1975.....	8.5	8.6	9.1	9.6	9.9	9.6	9.4	9.2	9.3	9.2	9.1	8.7
1976.....	8.1	7.9	7.7	7.6	7.5	7.8	8.0	8.2	8.1	8.2	8.2	7.9
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN CONSTRUCTION												
1972.....	10.3	10.8	10.2	10.5	11.0	9.7	10.5	11.3	8.9	10.1	10.0	9.7
1973.....	9.4	9.3	8.9	9.0	8.7	7.9	9.2	8.4	8.9	8.9	8.9	8.3
1974.....	9.5	8.5	8.6	9.8	9.4	9.8	10.2	10.9	11.6	12.2	13.6	15.2
1975.....	15.9	16.5	18.0	18.9	21.4	19.8	19.7	19.1	18.6	18.2	17.4	16.7
1976.....	15.7	15.9	15.9	15.2	14.5	16.3	17.0	16.5	15.7	15.1	15.4	14.1
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN MANUFACTURING												
1972.....	6.1	6.0	5.9	5.8	5.8	5.6	5.8	5.6	5.3	5.4	4.8	4.6
1973.....	4.7	4.3	4.4	4.2	4.4	4.3	4.0	4.2	4.4	4.1	4.5	4.4
1974.....	4.7	5.0	4.9	4.8	4.6	5.1	5.4	5.7	6.2	6.6	7.7	8.8
1975.....	10.2	10.6	11.1	11.7	11.9	11.9	11.5	11.0	11.0	10.6	10.4	9.4
1976.....	8.2	7.9	7.3	7.6	7.4	7.6	7.8	8.1	8.1	8.2	8.2	8.2
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN DURABLE GOODS												
1972.....	6.2	6.1	5.9	5.7	5.9	5.6	5.9	5.4	5.0	4.8	4.5	4.2
1973.....	4.3	4.1	4.1	3.6	3.9	3.6	3.5	3.8	4.3	3.9	3.9	4.0
1974.....	4.5	4.9	4.7	4.7	4.2	4.7	4.9	5.1	5.5	6.4	7.4	8.7
1975.....	10.2	10.7	10.9	12.1	12.2	12.6	12.2	11.9	11.8	11.0	10.8	9.6
1976.....	8.3	8.0	7.5	7.5	7.3	7.4	7.5	7.7	7.6	8.0	7.7	8.0
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN NONDURABLE GOODS												
1972.....	5.9	6.0	6.0	5.9	5.7	5.7	5.7	5.8	5.7	6.2	5.2	5.1
1973.....	5.3	4.7	4.8	5.1	5.2	5.4	4.7	4.8	4.6	4.3	5.4	5.0
1974.....	5.1	5.3	5.2	5.0	5.1	5.8	6.2	6.5	7.2	7.0	8.1	9.1
1975.....	10.1	10.6	11.3	11.2	11.5	11.0	10.6	9.6	9.9	10.0	9.8	9.0
1976.....	8.0	7.9	7.1	7.7	7.5	7.9	8.4	8.7	8.9	8.5	8.9	8.6
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN TRANSPORTATION AND PUBLIC UTILITIES												
1972.....	3.9	3.8	3.7	3.7	3.6	3.2	3.8	3.8	3.8	3.4	2.9	2.8
1973.....	2.9	3.0	3.0	2.7	2.9	3.5	2.7	2.9	2.8	3.0	3.3	3.2
1974.....	3.0	3.0	2.8	3.0	2.8	3.1	3.4	3.5	3.4	3.5	3.6	4.2
1975.....	5.9	5.1	5.6	6.4	6.1	5.6	5.5	5.7	5.8	5.6	4.9	5.2
1976.....	4.9	4.7	4.6	4.2	5.0	5.0	5.2	4.8	5.4	5.6	5.7	5.2
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN WHOLESALE AND RETAIL TRADE												
1972.....	6.3	6.3	6.7	6.3	6.2	6.6	6.5	6.6	6.7	6.5	6.3	5.9
1973.....	5.5	6.0	5.4	5.7	5.5	5.4	5.9	6.0	5.6	5.2	5.5	5.9
1974.....	5.8	6.0	5.8	5.9	6.3	6.4	6.5	6.2	6.7	6.9	7.1	7.8
1975.....	8.2	8.0	8.6	8.9	8.9	8.7	8.5	8.8	9.0	9.0	9.2	9.2
1976.....	8.6	8.5	8.6	8.3	8.2	8.4	8.6	8.9	8.9	8.9	9.0	8.2
UNEMPLOYMENT RATE - PRIVATE WAGE AND SALARY WORKERS IN FINANCE AND SERVICE INDUSTRIES												
1972.....	5.2	4.9	5.0	4.8	4.9	4.5	4.7	4.8	4.8	5.1	4.5	4.7
1973.....	4.3	4.4	4.4	4.4	4.1	4.2	4.1	4.3	4.1	4.2	4.3	4.5
1974.....	4.3	4.6	4.3	4.3	4.2	4.4	4.5	4.6	5.0	4.7	5.4	5.5
1975.....	6.1	6.2	6.5	6.5	7.0	6.6	6.6	6.3	6.6	7.1	6.9	6.9
1976.....	6.9	6.6	6.2	6.3	6.3	6.3	6.4	6.6	6.4	6.7	6.8	6.8

**HOUSEHOLD DATA
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	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
UNEMPLOYMENT RATE - VETERANS 20-34 YEARS												
1972.....	7.7	6.8	7.4	7.3	7.0	6.4	7.0	6.7	6.2	6.4	6.2	5.5
1973.....	5.2	5.0	5.3	5.3	5.1	5.2	5.0	5.2	5.3	4.6	4.0	4.3
1974.....	4.9	4.8	4.9	5.0	4.8	4.9	5.0	5.1	5.6	5.8	6.3	7.6
1975.....	8.5	8.4	8.9	9.8	9.5	9.2	9.6	9.6	9.5	9.6	10.0	10.0
1976.....	8.0	7.8	7.2	6.9	7.4	8.5	8.3	7.6	8.9	8.7	8.5	8.3
UNEMPLOYMENT RATE - VETERANS 20-24 YEARS												
1972.....	12.1	3.3	11.9	11.6	10.1	9.5	11.5	11.1	10.1	10.2	10.6	9.1
1973.....	8.4	9.2	9.2	9.0	8.8	9.9	9.1	9.4	8.3	8.4	7.6	7.7
1974.....	9.8	9.4	9.2	9.2	10.2	9.6	10.1	11.7	12.8	11.9	13.3	15.5
1975.....	18.1	16.8	18.1	23.0	21.2	19.0	18.4	18.6	20.1	21.6	23.4	20.5
1976.....	18.3	17.7	16.1	15.4	15.2	19.2	20.4	16.1	19.2	19.0	16.8	16.8
UNEMPLOYMENT RATE - VETERANS 25-29 YEARS												
1972.....	5.5	5.8	5.4	5.1	5.8	5.2	4.6	4.8	4.6	4.9	4.1	3.8
1973.....	4.1	3.1	3.7	4.1	4.2	3.6	3.9	4.1	4.4	3.5	2.8	3.4
1974.....	3.6	3.7	4.1	4.3	3.7	4.1	4.2	3.7	4.3	5.0	5.1	6.5
1975.....	6.8	7.0	7.8	7.3	7.4	7.7	8.6	8.5	8.2	8.3	8.4	9.7
1976.....	7.1	7.1	6.6	6.4	6.9	7.6	6.8	7.1	7.9	7.9	8.6	8.7
UNEMPLOYMENT RATE - VETERANS 30-34 YEARS												
1972.....	2.9	2.8	1.5	2.9	2.6	2.4	4.3	2.8	2.6	2.9	4.0	3.7
1973.....	2.4	2.8	3.1	2.6	2.1	2.4	2.1	2.3	3.8	3.0	2.7	2.9
1974.....	2.7	2.5	2.6	2.6	2.4	2.5	2.4	2.8	2.7	2.5	3.5	4.1
1975.....	5.4	5.6	5.3	6.4	6.4	6.3	6.6	6.4	6.2	5.8	5.8	5.5
1976.....	4.8	4.6	4.1	3.9	4.9	5.2	5.5	5.1	6.2	5.7	5.0	4.7
UNEMPLOYMENT RATE - NONVETERANS 20-34 YEARS												
1972.....	6.4	6.2	6.1	6.0	5.7	5.7	5.7	5.2	5.8	5.9	5.2	5.4
1973.....	5.1	5.1	5.1	4.9	5.1	4.8	4.8	4.9	4.9	4.5	4.8	4.8
1974.....	5.2	5.4	5.2	5.5	5.3	5.5	5.6	6.2	5.9	6.9	7.6	8.3
1975.....	8.7	9.5	10.1	10.1	10.3	10.1	10.6	9.8	10.6	10.1	9.9	9.1
1976.....	8.9	8.4	8.2	8.0	7.9	7.9	8.7	8.7	8.2	8.9	9.3	9.1
UNEMPLOYMENT RATE - NONVETERANS 20-24 YEARS												
1972.....	9.7	9.5	9.6	9.2	8.7	8.5	8.9	7.7	8.3	9.1	8.0	8.0
1973.....	7.4	7.1	6.7	7.1	7.1	6.8	6.6	6.6	6.9	6.2	6.7	6.8
1974.....	7.2	7.9	7.3	7.2	7.5	7.7	7.9	8.8	8.4	9.0	10.2	10.7
1975.....	11.6	12.9	13.9	14.1	14.2	13.0	14.5	13.8	14.4	13.8	13.2	12.5
1976.....	12.1	11.2	11.4	10.8	10.8	10.6	10.9	11.2	10.5	11.9	12.1	12.4
UNEMPLOYMENT RATE - NONVETERANS 25-29 YEARS												
1972.....	4.7	4.5	4.2	4.6	4.2	4.4	4.0	3.8	4.1	3.9	3.7	3.9
1973.....	4.1	4.2	5.0	3.8	4.4	4.1	4.7	4.7	4.3	3.9	4.1	4.1
1974.....	4.0	4.0	4.2	5.0	4.6	4.4	4.2	4.5	4.2	6.1	6.6	7.3
1975.....	7.2	8.2	8.4	7.4	8.4	9.4	8.7	8.1	8.7	8.0	7.6	6.9
1976.....	7.2	6.5	6.1	6.3	6.1	6.5	8.4	7.9	7.2	7.6	7.9	7.2
UNEMPLOYMENT RATE - NONVETERANS 30-34 YEARS												
1972.....	3.6	3.4	3.0	2.8	2.9	3.0	2.7	3.0	3.7	3.0	2.7	2.9
1973.....	2.5	3.2	2.7	2.4	2.6	2.3	2.2	2.3	2.3	2.2	2.3	2.2
1974.....	3.1	2.7	3.0	3.2	2.5	3.0	3.5	3.7	3.6	4.1	4.2	5.5
1975.....	5.4	5.1	5.5	6.1	5.7	6.0	5.9	4.7	6.1	6.0	7.0	5.8
1976.....	5.1	5.4	4.9	4.8	4.9	5.0	5.1	5.0	5.4	5.1	5.8	5.4

Interim Revision of Selected Establishment Series

The Bureau of Labor Statistics is introducing in this issue of *Employment and Earnings* several revisions in its establishment series. These revisions are necessary in order to correct the employment levels of a few industries that did not adequately reflect the formation of new businesses during the recovery phase of the 1973-75 recession.

Normally, the BLS adjusts the levels of its establishment payroll series annually to reflect the most recent complete employment counts, called benchmarks. Delays in the completion of the necessary benchmark tabulations, however, prevented the scheduled March 1975 benchmark revision. The introduction of a new coding structure—the 1972 SIC—has necessitated the recoding of all establishment reports and is largely responsible for these delays. Recent comparisons with the March 1975 benchmarks for broad industry levels have indicated that discrepancies were very small. Therefore, the Bureau will not introduce a March 1975 benchmark revision; rather a complete revision of all the establishment series based on March 1976 benchmarks will be made available in the Fall of 1977, at which time the series will be converted to the 1972 SIC.

The revision introduced in this report is an interim revision of selected employment series which deviated significantly from their true levels in the period subsequent to March 1975. Revised levels are based on December 1975 universe counts, the latest available at this time. Only a small number of series are affected by this interim revision: the contract construction division and its component indus-

tries, grocery, meat, and vegetable stores (SIC 541-3), restaurants (SIC 58) and hotels (SIC 701). Also included in the revision are the employment estimates for State and local governments which have been adjusted to the October 1975 Census Survey of Governments as modified with data obtained through a special study of employment generated by Federal funds. The total trade, retail trade, services, government, goods-producing, service-producing, total private and total nonagricultural series are all affected because of the revisions in their components. All other series continue to be based on the March 1974 benchmarks.

When adjusting most series, the difference in employment count is wedged for the period between the new benchmark month and the one which was previously used. For this revision, however, the difference between the December 1975 universe counts and the corresponding estimates was wedged back to July 1975, the point considered to be the beginning of the deviations in the sample-based estimates. No revisions were necessary in the hours and earnings estimates for the detailed industries. Since employment figures are used as weights in computing the hours and earnings averages, revisions in employment may result in the reallocation of weights which, in turn, may slightly change the averages of the broader levels.

All series revised by the interim revision are published on the following pages for the period July 1975 through October 1976. The B and C tables in the main body of this publication reflect new levels.

Table A. Revised employment, hours, and earnings for selected nonagricultural industries, July 1975–October 1976

(Employment in thousands)

Item	1975 annual average	1975						1976									
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
TOTAL NONAGRICULTURAL																	
All employees	77,051	76,457	76,979	77,729	78,327	78,532	78,778	77,334	77,586	78,169	78,976	79,424	80,142	79,242	79,555	80,277	80,572
Women	30,157	29,298	29,551	30,325	30,840	31,097	31,368	30,711	30,859	31,110	31,445	31,576	31,686	30,857	31,046	31,646	32,031
TOTAL PRIVATE																	
All employees	62,330	62,289	62,926	63,262	63,406	63,486	63,693	62,431	62,488	62,991	63,823	64,277	65,109	64,902	65,325	65,617	65,468
Women	23,607	23,398	23,672	23,966	24,134	24,311	24,608	24,025	24,084	24,280	24,570	24,727	24,958	24,752	25,020	25,230	25,285
Production workers ¹	51,149	51,102	51,722	52,055	52,189	52,244	52,453	51,199	51,241	51,710	52,473	52,887	53,637	53,397	53,792	54,077	53,928
Average weekly earnings	\$163.89	\$164.89	\$167.26	\$168.43	\$168.69	\$169.42	\$171.19	\$169.92	\$170.64	\$170.88	\$171.12	\$174.36	\$176.54	\$177.88	\$178.97	\$179.55	\$180.28
Average weekly hours	36.1	36.4	36.6	36.3	36.2	36.2	36.5	36.0	36.0	35.9	35.8	36.1	36.4	36.6	36.2	36.2	36.2
Average hourly earnings	\$4.54	\$4.53	\$4.57	\$4.64	\$4.66	\$4.68	\$4.69	\$4.72	\$4.74	\$4.76	\$4.78	\$4.83	\$4.85	\$4.86	\$4.89	\$4.96	\$4.98
Gross average weekly earnings (1967 dollars)	\$101.67	\$101.60	\$102.74	\$102.95	\$102.48	\$102.31	\$102.94	\$101.93	\$102.12	\$102.02	\$101.74	\$103.05	\$103.79	\$103.96	\$104.11	\$104.03	\$104.03
Spendable earnings—																	
Worker with no dependents:																	
Current dollars	\$132.74	\$134.43	\$136.08	\$136.88	\$137.06	\$137.56	\$138.77	\$139.31	\$139.83	\$140.00	\$140.17	\$142.51	\$144.08	\$145.05	\$145.84	\$146.26	\$146.78
1967 dollars	\$82.34	\$82.83	\$83.59	\$83.67	\$83.27	\$83.07	\$83.45	\$83.57	\$83.68	\$83.58	\$83.34	\$84.23	\$84.70	\$84.77	\$84.84	\$84.74	\$84.70
Worker with 3 dependents:																	
Current dollars	\$145.93	\$148.89	\$150.75	\$151.65	\$151.85	\$152.41	\$153.76	\$151.61	\$152.17	\$152.35	\$152.54	\$155.04	\$156.69	\$157.70	\$158.52	\$158.95	\$159.50
1967 dollars	\$90.53	\$91.74	\$92.60	\$92.70	\$92.25	\$92.04	\$92.46	\$90.95	\$91.07	\$90.96	\$90.69	\$91.63	\$92.12	\$92.17	\$92.22	\$92.09	\$92.04
Indexes (1967=100):																	
Aggregate hours	107.5	108.5	110.3	110.1	110.2	110.1	111.5	107.3	107.5	108.1	109.5	111.3	113.7	113.9	114.6	113.9	113.6
Aggregate payrolls	182.2	183.6	188.2	191.0	191.6	192.4	195.1	189.1	190.4	192.0	195.4	200.6	205.7	206.8	209.2	211.0	211.5
GOODS PRODUCING																	
All employees	22,603	22,402	22,965	23,208	23,198	23,074	22,861	22,479	22,482	22,723	23,047	23,245	23,662	23,446	23,806	24,027	23,804
Indexes (1967=100):																	
Aggregate hours	91.2	90.1	94.3	96.5	96.0	95.0	95.5	91.5	91.8	92.8	93.3	96.4	98.9	96.9	98.7	99.7	99.2
Aggregate payrolls	157.8	157.0	164.8	171.0	170.3	169.0	171.4	163.9	164.5	167.6	169.3	177.1	183.0	181.5	185.1	189.1	189.9
CONTRACT CONSTRUCTION																	
All employees	3,512	3,637	3,752	3,756	3,748	3,676	3,514	3,228	3,185	3,285	3,468	3,598	3,750	3,821	3,869	3,815	3,815
Women	231	230	230	234	236	237	238	236	236	237	239	242	250	249	249	249	249
Construction workers	2,805	2,930	3,043	3,035	3,024	2,940	2,776	2,498	2,456	2,552	2,723	2,851	2,989	3,063	3,117	3,066	3,077
Average weekly earnings	\$265.35	\$270.05	\$274.81	\$278.99	\$278.25	\$270.44	\$275.62	\$270.00	\$272.66	\$269.54	\$278.25	\$283.09	\$288.04	\$291.07	\$292.21	\$287.41	\$299.87
Average weekly hours	36.6	37.3	37.8	37.6	37.5	36.3	36.7	36.0	36.5	35.7	37.1	37.2	37.9	37.9	37.9	36.8	38.2
Average hourly earnings	\$7.25	\$7.24	\$7.27	\$7.42	\$7.42	\$7.45	\$7.51	\$7.50	\$7.47	\$7.55	\$7.50	\$7.61	\$7.60	\$7.68	\$7.71	\$7.81	\$7.85
Gross average weekly earnings (1967 dollars)	\$164.61	\$166.39	\$168.80	\$170.53	\$169.05	\$163.31	\$165.74	\$161.97	\$163.17	\$160.92	\$165.43	\$167.31	\$169.34	\$170.12	\$169.99	\$166.52	\$173.04
Spendable earnings—																	
Worker with no dependents:																	
Current dollars	\$205.86	\$210.15	\$213.87	\$217.02	\$216.48	\$210.43	\$214.51	\$212.06	\$213.96	\$211.73	\$217.96	\$221.41	\$224.95	\$227.00	\$227.74	\$224.50	\$233.07
1967 dollars	\$127.70	\$129.48	\$131.37	\$132.65	\$131.52	\$127.07	\$128.99	\$127.21	\$128.04	\$126.41	\$129.58	\$130.86	\$132.25	\$132.67	\$132.48	\$130.07	\$134.49
Worker with 3 dependents:																	
Current dollars	\$223.10	\$228.34	\$232.24	\$235.72	\$235.11	\$228.64	\$232.92	\$227.70	\$229.75	\$227.34	\$234.01	\$237.67	\$241.42	\$243.71	\$244.58	\$240.94	\$250.70
1967 dollars	\$138.40	\$140.69	\$142.65	\$144.08	\$142.84	\$138.07	\$140.06	\$136.59	\$137.49	\$135.73	\$139.13	\$140.47	\$141.93	\$142.44	\$142.28	\$139.59	\$144.66
Indexes (1967=100):																	
Aggregate hours	100.6	107.1	112.7	111.8	111.2	104.7	99.9	88.2	87.7	89.4	98.9	103.9	110.9	113.9	115.6	110.5	115.2
Aggregate payrolls	177.5	188.5	199.2	201.7	200.7	189.6	182.3	160.8	159.3	163.9	180.3	192.4	204.8	212.7	216.6	210.0	219.9
GENERAL BUILDING CONTRACTORS																	
All employees	1,064.2	1,085.7	1,120.8	1,119.8	1,120.4	1,103.3	1,069.3	986.6	968.6	992.7	1,035.3	1,064.7	1,117.3	1,134.5	1,160.8	1,132.9	1,136.5
Women	73.5	73.9	72.1	73.6	74.4	74.6	75.5	74.8	74.6	75.5	75.5	76.3	77.6	77.9	78.4	78.6	78.4
Construction workers	839.5	862.2	897.7	891.6	887.6	866.4	829.5	752.7	736.0	760.6	798.9	829.3	876.1	893.3	922.0	895.2	901.5
Average weekly earnings	\$254.88	\$257.71	\$261.28	\$265.70	\$267.55	\$262.06	\$267.17	\$257.28	\$264.25	\$260.19	\$273.06	\$271.18	\$272.69	\$273.80	\$276.75	\$275.08	\$283.79
Average weekly hours	36.0	36.4	36.8	36.8	36.6	35.8	36.3	35.1	36.1	35.4	37.0	36.4	36.9	36.9	36.9	36.1	37.0
Average hourly earnings	\$7.08	\$7.08	\$7.10	\$7.22	\$7.31	\$7.32	\$7.36	\$7.33	\$7.32	\$7.35	\$7.38	\$7.45	\$7.39	\$7.42	\$7.50	\$7.62	\$7.67
HEAVY CONSTRUCTION CONTRACTORS																	
All employees	703.5	777.9	807.6	807.4	795.7	749.5	660.0	564.4	558.6	593.1	679.7	738.9	793.0	809.2	809.9	801.2	791.5
Women	38.2	38.8	39.9	39.5	39.8	39.5	39.4	38.1	38.7	38.6	39.5	39.9	42.7	43.7	43.2	43.0	42.9
Construction workers	581.7	652.8	682.7	684.7	673.4	623.6	533.8	441.7	433.3	465.5	550.7	608.6	658.7	675.0	677.6	668.9	661.8
Average weekly earnings	\$261.10	\$275.22	\$279.30	\$284.41	\$281.39	\$262.48	\$261.97	\$257.28	\$255.58	\$250.28	\$265.49	\$278.78	\$294.47	\$297.25	\$298.70	\$291.73	\$307.86
Average weekly hours	39.5	41.2	41.5	41.1	40.9	38.6	39.1	39.1	39.2	37.3	39.1	39.6	41.3	41.0	41.2	39.8	42.0
Average hourly earnings	\$6.61	\$6.68	\$6.73	\$6.92	\$6.88	\$6.80	\$6.70	\$6.58	\$6.52	\$6.71	\$6.79	\$7.04	\$7.13	\$7.25	\$7.25	\$7.33	\$7.33

¹ See footnote 1, table B-2.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table A. Revised employment, hours, and earnings for selected nonagricultural industries, July 1975–October 1976—Continued

Item	1975 annual average	1975						1976									
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
HIGHWAY AND STREET CONSTRUCTION																	
All employees	301.3	360.1	370.5	369.7	360.7	327.3	264.0	203.8	201.7	220.3	281.3	324.2	349.6	357.5	359.7	353.1	346.1
Women	12.7	13.2	13.4	13.6	13.7	13.2	12.8	12.3	12.2	12.3	12.8	13.0	13.8	14.7	14.6	14.4	14.2
Construction workers	257.2	315.8	325.4	323.4	314.9	280.5	218.0	159.9	157.9	175.5	234.9	277.3	302.2	310.1	312.4	306.1	301.3
Average weekly earnings	\$251.77	\$274.26	\$277.75	\$282.07	\$276.39	\$247.27	\$238.16	\$234.82	\$231.47	\$225.09	\$249.32	\$269.74	\$289.93	\$291.33	\$293.41	\$289.98	\$308.73
Average weekly hours	39.9	42.0	42.6	42.1	41.5	38.1	38.6	39.4	39.5	36.9	39.7	40.2	42.7	42.1	42.4	40.9	43.3
Average hourly earnings	\$6.31	\$6.53	\$6.52	\$6.70	\$6.66	\$6.49	\$6.17	\$5.96	\$5.86	\$6.10	\$6.28	\$6.71	\$6.79	\$6.92	\$6.92	\$7.09	\$7.13
HEAVY CONSTRUCTION, nec																	
All employees	402.2	417.8	437.1	437.7	435.0	422.2	396.0	360.6	356.9	372.8	398.4	414.7	443.4	451.7	450.2	448.1	445.4
Women	25.4	25.6	26.5	25.9	26.1	26.3	26.6	25.8	26.5	26.3	26.7	26.9	28.9	29.0	28.6	28.6	28.7
Construction workers	324.5	337.0	357.3	361.3	358.5	343.1	315.8	281.8	275.4	290.0	315.8	331.3	356.5	364.9	365.2	362.8	360.5
Average weekly earnings	\$268.13	\$276.21	\$280.67	\$286.63	\$284.92	\$274.56	\$278.48	\$269.97	\$270.18	\$265.13	\$277.87	\$286.21	\$297.94	\$302.00	\$303.11	\$292.55	\$307.16
Average weekly hours	39.2	40.5	40.5	40.2	40.3	39.0	39.5	38.9	39.1	37.5	38.7	39.1	40.0	40.2	40.2	38.8	40.9
Average hourly earnings	\$6.84	\$6.82	\$6.93	\$7.13	\$7.07	\$7.04	\$7.05	\$6.94	\$6.91	\$7.07	\$7.18	\$7.32	\$7.43	\$7.55	\$7.54	\$7.54	\$7.51
SPECIAL TRADE CONTRACTORS																	
All employees	1,743.8	1,773.4	1,823.5	1,828.6	1,831.9	1,823.4	1,784.6	1,676.9	1,657.4	1,699.3	1,753.0	1,794.6	1,840.1	1,877.3	1,898.4	1,880.7	1,887.1
Women	119.2	117.4	118.4	120.8	122.1	122.9	123.4	123.0	122.5	122.5	124.4	125.5	129.3	127.0	127.7	127.0	127.2
Construction workers	1,384.0	1,415.3	1,462.4	1,458.4	1,462.6	1,450.3	1,413.0	1,303.4	1,286.4	1,326.2	1,373.3	1,413.1	1,454.0	1,494.8	1,516.9	1,501.9	1,513.4
Average weekly earnings	\$273.11	\$275.04	\$281.12	\$284.70	\$284.75	\$279.53	\$285.91	\$281.52	\$282.03	\$282.14	\$286.04	\$292.07	\$293.72	\$299.46	\$297.78	\$293.30	\$306.61
Average weekly hours	35.7	36.0	36.7	36.5	36.6	35.7	36.1	35.5	35.7	35.4	36.3	36.3	36.9	37.2	36.9	35.9	37.3
Average hourly earnings	\$7.65	\$7.64	\$7.66	\$7.80	\$7.78	\$7.83	\$7.92	\$7.93	\$7.90	\$7.97	\$7.88	\$7.98	\$7.96	\$8.05	\$8.07	\$8.17	\$8.22
PLUMBING, HEATING, AIR CONDITIONING																	
All employees	420.2	418.2	428.3	431.1	432.0	430.6	426.0	416.5	411.4	415.1	414.4	420.7	428.2	438.5	439.8	433.7	436.2
Women	35.6	35.3	35.6	36.0	36.5	36.2	36.6	36.5	37.0	36.3	36.1	36.6	36.6	36.7	36.6	36.2	36.3
Construction workers	319.2	316.4	326.2	329.3	329.4	326.7	324.2	314.6	309.7	313.5	308.8	316.6	322.0	331.6	333.7	330.0	332.5
Average weekly earnings	\$288.70	\$291.00	\$291.06	\$296.32	\$296.29	\$295.83	\$303.62	\$302.44	\$292.13	\$299.09	\$300.80	\$309.04	\$309.08	\$315.65	\$313.68	\$308.10	\$318.27
Average weekly hours	37.3	37.5	37.8	37.7	37.6	37.4	38.0	37.9	36.7	37.2	37.6	38.2	38.3	38.4	38.3	37.3	38.3
Average hourly earnings	\$7.74	\$7.76	\$7.70	\$7.86	\$7.88	\$7.91	\$7.99	\$7.98	\$7.96	\$8.04	\$8.00	\$8.09	\$8.07	\$8.22	\$8.19	\$8.26	\$8.31
PAINTING, PAPER HANGING, DECORATING																	
All employees	124.9	139.6	140.4	135.5	132.4	128.0	118.0	107.6	105.8	111.0	122.0	128.7	136.6	141.8	148.0	143.9	143.4
Women	7.9	8.0	7.5	7.9	8.1	7.7	7.7	7.6	7.5	7.5	8.1	8.2	8.9	8.4	8.8	9.4	9.1
Construction workers	106.7	121.5	122.2	117.3	114.3	109.1	99.9	89.2	87.8	92.8	103.8	109.8	116.9	121.5	127.8	123.4	123.0
Average weekly earnings	\$242.89	\$243.60	\$250.26	\$250.56	\$254.17	\$249.15	\$252.89	\$250.24	\$250.39	\$252.20	\$253.69	\$260.87	\$254.10	\$259.81	\$263.77	\$271.46	\$279.78
Average weekly hours	34.6	34.8	35.7	34.8	35.4	34.7	34.5	34.0	34.3	34.5	34.8	35.3	35.0	35.3	35.5	35.3	36.1
Average hourly earnings	\$7.02	\$7.00	\$7.01	\$7.20	\$7.18	\$7.18	\$7.33	\$7.36	\$7.30	\$7.31	\$7.29	\$7.39	\$7.26	\$7.36	\$7.43	\$7.69	\$7.75
ELECTRICAL WORK																	
All employees	320.7	320.6	323.1	325.8	325.9	328.8	330.7	321.6	319.2	319.3	321.1	323.9	325.9	326.1	331.1	331.5	330.6
Women	19.7	19.4	19.6	19.8	19.9	20.4	20.1	20.3	20.2	20.1	20.2	20.2	20.4	20.3	20.5	20.6	20.6
Construction workers	250.9	250.1	251.8	255.1	255.3	257.8	259.0	248.7	247.4	247.3	249.4	252.2	255.6	256.7	262.7	261.0	260.2
Average weekly earnings	\$309.67	\$311.63	\$314.87	\$321.77	\$321.77	\$319.50	\$324.05	\$324.60	\$326.11	\$330.87	\$328.62	\$337.42	\$339.98	\$340.74	\$342.52	\$331.52	\$348.56
Average weekly hours	37.4	37.5	37.8	37.9	37.9	37.5	37.9	37.7	37.7	37.9	37.6	38.3	38.2	38.2	38.1	37.0	38.6
Average hourly earnings	\$8.28	\$8.31	\$8.33	\$8.49	\$8.49	\$8.52	\$8.55	\$8.61	\$8.65	\$8.73	\$8.74	\$8.81	\$8.90	\$8.92	\$8.99	\$8.96	\$9.03
MASONRY, STONEMAN, AND PLASTERING																	
All employees	192.0	197.5	200.8	198.2	198.2	200.5	194.4	178.6	177.2	183.9	191.4	192.7	198.2	201.8	207.5	205.1	206.6
Women	9.3	9.0	9.4	9.4	9.4	9.4	9.5	9.4	9.4	9.3	9.4	9.9	9.6	9.4	9.2	9.8	9.8
Construction workers	166.2	171.3	174.4	171.9	171.9	174.4	167.8	151.7	150.8	157.4	164.4	165.6	172.0	175.6	181.3	178.9	180.9
Average weekly earnings	\$248.52	\$255.18	\$262.47	\$261.37	\$263.00	\$254.65	\$259.07	\$239.32	\$261.18	\$252.40	\$262.57	\$264.42	\$268.47	\$269.26	\$272.00	\$264.06	\$275.99
Average weekly hours	32.7	33.4	34.4	33.9	34.2	32.9	33.3	30.8	33.7	32.4	34.1	33.9	34.2	34.3	34.3	32.6	34.2
Average hourly earnings	\$7.60	\$7.64	\$7.63	\$7.71	\$7.69	\$7.74	\$7.78	\$7.77	\$7.75	\$7.79	\$7.70	\$7.80	\$7.85	\$7.85	\$7.93	\$8.10	\$8.07
ROOFING AND SHEET METAL WORK																	
All employees	121.9	125.7	130.7	130.5	134.8	132.7	127.1	112.6	114.8	118.9	124.0	125.7	126.8	133.6	136.1	136.9	139.8
Women	8.1	7.9	7.9	8.1	8.3	8.4	8.8	8.4	8.4	8.5	8.6	8.7	9.1	9.0	9.1	9.2	9.1
Construction workers	98.0	101.8	106.6	106.1	110.3	108.2	102.4	88.5	90.5	94.3	98.6	100.2	101.6	108.5	111.8	112.3	115.4
Average weekly earnings	\$221.71	\$233.02	\$235.94	\$239.19	\$242.86	\$223.92	\$220.90	\$201.95	\$223.73	\$213.54	\$234.77	\$234.65	\$244.50	\$251.76	\$254.56	\$250.00	\$263.44
Average weekly hours	31.9	33.1	33.9	33.5	34.4	31.2	31.2	31.2	31.6	34.4	33.3	32.5	34.1	34.3	34.4	33.2	34.8
Average hourly earnings	\$6.95	\$7.04	\$6.96	\$7.14	\$7.06	\$7.20	\$7.08	\$6.94	\$7.08	\$7.19	\$7.05	\$7.22	\$7.17	\$7.34	\$7.40	\$7.53	\$7.57

Table A. Revised employment, hours, and earnings for selected nonagricultural industries, July 1975—October 1976—Continued

(Employment in thousands)

Item	1975 annual average	1975						1976									
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
SERVICE PRODUCING																	
All employees	54,448	54,055	54,014	54,521	55,129	55,458	55,917	54,855	55,104	55,446	55,929	56,179	56,480	55,796	55,749	56,250	56,768
Indexes (1967=100):																	
Aggregate hours	118.8	121.0	121.4	119.7	120.0	120.5	122.6	118.2	118.5	118.7	120.8	121.6	124.0	125.6	125.7	123.8	123.7
Aggregate payrolls	203.3	206.3	208.4	208.4	210.0	212.5	215.5	210.8	212.7	213.0	217.8	220.8	225.3	228.6	229.8	229.9	230.9
WHOLESALE AND RETAIL TRADE																	
All employees	17,000	16,966	17,020	17,176	17,257	17,464	17,918	17,205	17,109	17,216	17,490	17,606	17,757	17,723	17,754	17,870	17,922
Women	7,053	6,966	6,995	7,118	7,177	7,354	7,686	7,182	7,113	7,157	7,306	7,345	7,384	7,346	7,372	7,473	7,519
Nonsupervisory workers	15,013	14,980	15,029	15,188	15,264	15,458	15,906	15,188	15,086	15,189	15,446	15,564	15,705	15,672	15,696	15,797	15,850
Average weekly earnings	\$126.75	\$129.40	\$130.44	\$128.06	\$128.73	\$128.69	\$129.92	\$129.93	\$130.26	\$129.48	\$130.99	\$132.33	\$133.51	\$136.62	\$136.51	\$135.74	\$135.20
Average weekly hours	33.8	34.6	34.6	33.7	33.7	33.6	34.1	33.4	33.4	33.2	33.5	33.5	33.8	34.5	34.3	33.6	33.3
Average hourly earnings	\$3.75	\$3.74	\$3.77	\$3.80	\$3.82	\$3.83	\$3.81	\$3.89	\$3.90	\$3.90	\$3.91	\$3.95	\$3.95	\$3.96	\$3.98	\$4.04	\$4.06
Gross average weekly earnings (1967 dollars)	\$78.63	\$79.73	\$80.12	\$78.28	\$78.21	\$77.71	\$78.12	\$77.94	\$77.95	\$77.30	\$77.88	\$78.21	\$78.49	\$79.85	\$79.41	\$78.64	\$78.02
Spendable earnings—																	
Workers with no dependents:																	
Current dollars	\$105.67	\$108.51	\$109.27	\$107.53	\$108.02	\$107.99	\$108.89	\$109.48	\$109.73	\$109.14	\$110.28	\$111.29	\$112.17	\$114.51	\$114.43	\$113.85	\$113.44
1967 dollars	\$65.55	\$66.86	\$67.12	\$65.73	\$65.63	\$65.21	\$65.48	\$65.67	\$65.67	\$65.16	\$65.56	\$65.77	\$65.94	\$66.93	\$66.57	\$65.96	\$65.44
Worker with 3 dependents:																	
Current dollars	\$119.34	\$121.83	\$122.81	\$120.57	\$121.20	\$121.16	\$122.32	\$122.33	\$122.64	\$121.91	\$123.33	\$124.49	\$125.30	\$127.45	\$127.38	\$126.84	\$126.47
1967 dollars	\$74.03	\$75.06	\$75.44	\$73.70	\$73.63	\$73.16	\$73.55	\$73.38	\$73.39	\$72.78	\$73.32	\$73.58	\$73.66	\$74.49	\$74.10	\$73.49	\$72.98
Indexes (1967=100):																	
Aggregate hours	114.7	117.1	117.5	115.6	116.2	117.2	122.6	114.6	113.7	114.0	117.0	117.6	120.0	122.0	121.7	120.0	119.3
Aggregate payrolls	191.3	195.2	197.4	195.8	197.8	200.2	208.1	198.5	197.4	198.0	204.0	206.8	211.0	215.4	215.6	215.8	216.0
RETAIL TRADE																	
All employees	12,824	12,776	12,828	12,982	13,048	13,257	13,703	13,016	12,920	13,022	13,278	13,378	13,477	13,426	13,452	13,570	13,600
Women	6,052	5,970	5,999	6,112	6,158	6,332	6,658	6,164	6,097	6,140	6,283	6,318	6,344	6,308	6,328	6,427	6,455
Nonsupervisory workers	11,552	11,504	11,550	11,711	11,777	11,975	12,415	11,724	11,623	11,723	11,965	12,068	12,161	12,112	12,130	12,236	12,268
Average weekly earnings	\$108.22	\$110.89	\$112.22	\$109.50	\$109.46	\$109.78	\$111.18	\$110.35	\$110.35	\$109.97	\$112.35	\$112.29	\$114.02	\$116.82	\$117.15	\$115.88	\$115.43
Average weekly hours	32.4	33.3	33.4	32.3	32.1	32.1	32.7	31.8	31.8	31.6	32.1	31.9	32.3	33.0	33.0	32.1	31.8
Average hourly earnings	\$3.34	\$3.33	\$3.36	\$3.39	\$3.41	\$3.42	\$3.40	\$3.47	\$3.47	\$3.48	\$3.50	\$3.52	\$3.53	\$3.54	\$3.55	\$3.61	\$3.63
Indexes (1967 = 100):																	
Aggregate hours	115.8	118.7	119.5	117.2	117.1	119.1	125.8	115.5	114.5	114.8	119.0	119.3	121.7	123.8	124.0	121.7	120.9
Aggregate payrolls	192.3	196.7	199.9	197.7	198.8	202.7	212.8	199.5	197.8	198.8	207.3	208.9	213.8	218.2	219.1	218.6	218.4
FOOD STORES																	
All employees	1,968.4	1,945.1	1,946.6	1,979.9	2,000.4	2,028.1	2,064.3	2,042.0	2,042.2	2,037.3	2,036.7	2,052.1	2,053.8	2,043.4	2,038.7	2,066.3	2,080.6
Women	765.6	755.4	756.4	772.7	784.0	799.1	816.8	798.6	795.6	796.2	795.4	803.1	804.7	800.6	798.9	814.9	825.9
Nonsupervisory workers	1,825.0	1,804.0	1,803.8	1,834.7	1,853.7	1,878.5	1,915.0	1,893.1	1,892.4	1,887.5	1,886.3	1,900.9	1,901.6	1,888.3	1,883.3	1,909.7	1,924.0
Average weekly earnings	\$127.59	\$133.85	\$132.78	\$130.00	\$131.14	\$131.54	\$133.01	\$132.72	\$135.24	\$135.36	\$137.05	\$138.57	\$142.66	\$146.45	\$145.58	\$145.64	\$142.56
Average weekly hours	32.3	33.8	33.7	32.5	32.3	32.4	32.6	32.3	32.2	32.0	32.4	32.3	33.1	33.9	33.7	33.1	32.4
Average hourly earnings	\$3.95	\$3.96	\$3.94	\$4.00	\$4.06	\$4.06	\$4.08	\$4.14	\$4.20	\$4.23	\$4.23	\$4.29	\$4.31	\$4.32	\$4.32	\$4.40	\$4.40
GROCERY, MEAT, AND VEGETABLE STORES																	
All employees	1,792.4	1,770.6	1,774.0	1,804.2	1,822.8	1,845.2	1,873.9	1,863.3	1,863.2	1,858.0	1,853.6	1,868.6	1,869.2	1,861.0	1,855.4	1,882.4	1,892.4
Women	655.4	647.0	649.4	662.3	671.9	683.0	694.8	686.1	683.9	684.8	682.0	690.5	692.0	690.8	688.3	702.1	709.7
Nonsupervisory workers	1,661.8	1,642.0	1,643.4	1,671.2	1,689.6	1,710.3	1,738.5	1,727.7	1,727.1	1,722.1	1,716.8	1,730.8	1,731.0	1,719.8	1,714.5	1,739.6	1,749.9
Average weekly earnings	\$131.70	\$137.76	\$136.68	\$134.15	\$134.88	\$135.71	\$136.78	\$137.57	\$139.00	\$139.10	\$141.16	\$142.68	\$146.96	\$151.16	\$149.94	\$149.97	\$147.27
Average weekly hours	32.6	34.1	34.0	32.8	32.5	32.7	32.8	32.6	32.4	32.2	32.6	32.5	33.4	34.2	34.0	33.4	32.8
Average hourly earnings	\$4.04	\$4.04	\$4.02	\$4.09	\$4.15	\$4.15	\$4.17	\$4.22	\$4.29	\$4.32	\$4.33	\$4.39	\$4.40	\$4.42	\$4.41	\$4.49	\$4.49
EATING AND DRINKING PLACES																	
All employees	3,332.2	3,411.0	3,458.5	3,492.1	3,442.9	3,450.7	3,432.3	3,341.7	3,377.3	3,464.1	3,601.9	3,665.7	3,728.6	3,713.4	3,749.9	3,773.5	3,706.7
Women	1,882.9	1,920.1	1,946.2	1,963.3	1,929.4	1,953.3	1,943.4	1,886.5	1,911.5	1,957.9	2,041.9	2,071.9	2,098.4	2,089.3	2,110.4	2,141.4	2,104.6
Nonsupervisory workers	3,111.5	3,185.2	3,232.4	3,267.7	3,221.0	3,224.7	3,205.2	3,110.6	3,146.8	3,229.5	3,359.4	3,422.1	3,482.2	3,469.5	3,502.0	3,521.2	3,458.2
Average weekly earnings	\$71.75	\$74.50	\$75.25	\$71.35	\$71.63	\$71.66	\$72.24	\$70.91	\$70.59	\$70.10	\$71.40	\$71.68	\$72.73	\$75.08	\$77.06	\$76.45	\$76.45
Average weekly hours	28.7	29.8	30.1	28.2	28.2	28.1	28.0	27.7	27.9	27.6	28.0	28.0	28.3	29.1	29.3	27.9	27.5
Average hourly earnings	\$2.50	\$2.50	\$2.50	\$2.53	\$2.54	\$2.55	\$2.58	\$2.56	\$2.53	\$2.54	\$2.55	\$2.56	\$2.57	\$2.58	\$2.63	\$2.74	\$2.78
SERVICES																	
All employees	14,006	14,151	14,175	14,132	14,210	14,204	14,194	14,084	14,224	14,344	14,536	14,654	14,815	14,825	14,869	14,813	14,849
Women	7,737	7,758	7,762	7,816	7,883	7,891	7,903	7,868	7,947	8,021	8,114	8,177	8,254	8,217	8,270	8,301	8,333
Nonsupervisory workers	12,617	12,744	12,767	12,728	12,808	12,798	12,791	12,681	12,816	12,928	13,100	13,207	13,360	13,349	13,385	13,337	13,375
Average weekly earnings	\$137.23	\$138.23	\$138.23	\$139.18	\$139.86	\$141.88	\$142.13	\$142.71	\$143.72	\$142.52	\$143.19	\$144.96	\$145.82	\$146.88	\$146.88	\$148.07	\$148.74
Average weekly hours	33.8	34.3	34.3	33.7	33.7	33.7	33.6	33.5	33.5	33.3	33.3	33.6	33.6	34.0	34.0	33.5	33.5
Average hourly earnings	\$4.06	\$4.03	\$4.03	\$4.13	\$4.15	\$4.21	\$4.23	\$4.26	\$4.29	\$4.28	\$4.30	\$4.34	\$4.34	\$4.32	\$4.32	\$4.42	\$4.44

Table A. Revised employment, hours, and earnings for selected nonagricultural industries, July 1975—October 1976—Continued

(Employment in thousands)

Item	1975 annual average	1975						1976									
		July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
SERVICES—Continued																	
Gross average weekly earnings (1967 dollars)	\$85.13	\$85.17	\$84.91	\$85.07	\$84.97	\$85.68	\$85.47	\$85.61	\$86.01	\$85.09	\$85.13	\$85.67	\$85.73	\$85.84	\$85.45	\$85.79	\$85.83
Spendable earnings—																	
Worker with no dependents:																	
Current dollars	\$113.33	\$114.97	\$114.97	\$115.66	\$116.16	\$117.64	\$117.82	\$119.09	\$119.85	\$118.94	\$119.45	\$120.78	\$121.42	\$122.22	\$122.22	\$123.11	\$123.62
1967 dollars	\$70.30	\$70.84	\$70.62	\$70.70	\$70.57	\$71.04	\$70.85	\$71.44	\$71.72	\$71.01	71.02	\$71.38	\$71.38	\$71.43	\$71.10	\$71.33	\$71.33
Workers with 3 dependents:																	
Current dollars	\$126.86	\$130.14	\$130.14	\$131.00	\$131.43	\$132.72	\$132.88	\$131.60	\$132.29	\$131.47	\$131.92	\$133.13	\$133.72	\$134.44	\$134.44	\$135.25	\$135.71
1967 dollars	\$78.70	\$80.18	\$79.94	\$80.07	\$79.85	\$80.14	\$79.90	\$78.94	\$79.17	\$78.49	\$78.43	\$78.68	\$78.61	\$78.57	\$78.22	\$78.36	\$78.31
Indexes (1967=100):																	
Aggregate hours	130.9	134.2	134.5	131.7	132.4	132.4	131.8	130.3	131.9	132.0	133.7	135.3	137.9	139.5	139.8	137.2	137.7
Aggregate payrolls	232.3	236.3	236.7	237.6	239.9	243.7	243.5	242.3	247.2	246.6	251.2	256.1	261.3	263.4	263.9	265.0	267.1
HOTELS AND OTHER LODGING PLACES																	
All employees	989.7	1,106.3	1,136.0	1,039.7	991.8	972.6	968.2	960.6	987.0	988.2	1,012.8	1,046.9	1,104.0	1,194.1	1,211.3	1,109.6	1,043.8
HOTELS, TOURIST COURTS, AND MOTELS																	
All employees	816.2	873.6	894.6	858.8	829.5	814.0	813.0	793.4	817.1	828.0	848.4	880.1	917.6	932.6	944.1	907.6	866.4
Women	437.3	472.8	487.7	465.3	447.0	435.1	430.7	421.2	435.1	441.6	453.9	471.4	491.6	504.1	514.9	494.0	468.6
Nonsupervisory workers	740.0	812.0	831.8	795.9	768.1	753.2	752.3	734.0	756.3	765.9	784.8	815.2	852.9	867.4	878.5	842.4	802.9
Average weekly earnings	\$89.64	\$89.65	\$90.48	\$88.86	\$91.27	\$92.27	\$92.65	\$92.98	\$95.38	\$92.63	\$93.85	\$96.28	\$96.34	\$98.43	\$98.94	\$96.39	\$97.64
Average weekly hours	31.9	32.6	32.9	31.4	31.8	31.6	31.3	31.2	31.9	31.4	31.6	32.2	31.9	32.7	33.2	31.5	31.7
Average hourly earnings	\$2.81	\$2.75	\$2.75	\$2.83	\$2.87	\$2.92	\$2.96	\$2.98	\$2.99	\$2.95	\$2.97	\$2.99	\$3.02	\$3.01	\$2.98	\$3.06	\$3.08
GOVERNMENT:																	
All employees	14,720	14,168	14,053	14,467	14,921	15,046	15,085	14,903	15,098	15,178	15,153	15,147	15,033	14,340	14,230	14,660	15,104
Women	6,550	5,900	5,879	6,359	6,706	6,786	6,760	6,686	6,775	6,830	6,875	6,849	6,728	6,105	6,026	6,418	6,746
STATE AND LOCAL GOVERNMENT:																	
All employees	11,973	11,368	11,278	11,721	12,179	12,304	12,314	12,179	12,372	12,454	12,423	12,412	12,275	11,565	11,476	11,943	12,393
Women	5,745	5,113	5,067	5,558	5,903	5,984	5,951	5,885	5,972	6,030	6,073	6,064	5,913	5,288	5,215	5,618	5,945
STATE GOVERNMENT:																	
All employees	3,184.7	3,006.5	3,014.4	3,119.1	3,252.0	3,271.3	3,258.0	3,205.2	3,276.9	3,298.1	3,293.5	3,257.4	3,168.4	3,091.3	3,079.8	3,180.8	3,344.5
Women	1,401.5	1,311.1	1,320.2	1,367.8	1,435.7	1,443.2	1,442.5	1,417.0	1,450.1	1,456.5	1,454.6	1,440.0	1,402.4	1,358.7	1,358.9	1,408.6	1,484.7
STATE EDUCATION:																	
All employees	1,322.1	1,118.0	1,105.2	1,246.8	1,400.2	1,424.7	1,411.3	1,357.0	1,427.2	1,443.1	1,438.5	1,402.4	1,273.7	1,175.8	1,160.5	1,295.8	1,463.4
Women	575.4	477.3	477.3	541.2	612.2	619.6	615.5	593.6	626.1	633.1	631.2	616.6	561.3	508.4	506.9	571.8	649.7
OTHER STATE GOVERNMENT:																	
All employees	1,862.6	1,888.5	1,909.2	1,872.3	1,851.8	1,846.6	1,846.7	1,848.2	1,849.7	1,855.0	1,855.0	1,855.0	1,894.7	1,915.5	1,919.3	1,885.0	1,881.1
Women	826.1	833.8	842.9	826.6	823.5	823.6	827.0	823.4	824.0	823.4	823.4	823.4	841.1	850.3	852.0	836.8	835.0
LOCAL GOVERNMENT:																	
All employees	8,787.8	8,361.3	8,263.4	8,601.9	8,927.0	9,033.0	9,056.3	8,974.0	9,095.3	9,155.9	9,129.0	9,154.7	9,106.3	8,474.1	8,396.2	8,762.5	9,048.6
Women	4,343.9	3,801.4	3,747.0	4,190.1	4,467.3	4,540.9	4,508.6	4,467.7	4,521.7	4,573.9	4,618.8	4,624.4	4,510.1	3,929.2	3,856.4	4,209.1	4,460.4
LOCAL EDUCATION:																	
All employees	4,863.2	4,100.8	4,006.7	4,655.8	5,043.9	5,139.4	5,152.9	5,081.0	5,191.9	5,243.6	5,224.0	5,215.1	5,037.9	4,228.1	4,165.0	4,792.1	5,142.9
Women	3,017.1	2,380.4	2,319.4	2,860.3	3,143.0	3,207.7	3,174.0	3,133.1	3,182.8	3,224.4	3,268.0	3,264.4	3,103.5	2,458.3	2,388.5	2,823.9	3,092.0
OTHER LOCAL GOVERNMENT:																	
All employees	3,924.7	4,260.5	4,256.7	3,946.1	3,883.1	3,893.6	3,903.4	3,893.0	3,903.4	3,912.3	3,905.0	3,939.6	4,068.4	4,246.0	4,231.2	3,970.4	3,905.7
Women	1,326.9	1,421.0	1,427.6	1,329.8	1,324.3	1,333.2	1,334.6	1,334.6	1,338.9	1,349.5	1,350.8	1,360.0	1,406.6	1,470.9	1,467.9	1,385.3	1,368.4

Table B. Revised employment, hours, and earnings for selected nonagricultural industries, July 1975–October 1976, seasonally adjusted

(Employment in thousands)

Item	1975						1976									
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.
TOTAL NONAGRICULTURAL																
All employees	76,719	77,059	77,344	77,596	77,730	78,012	78,406	78,635	78,980	79,312	79,319	79,368	79,513	79,618	79,918	79,819
TOTAL PRIVATE																
All employees	61,954	62,270	62,590	62,789	62,911	63,151	63,551	63,775	64,083	64,400	64,396	64,414	64,565	64,638	64,966	64,831
Production workers ¹	50,829	51,132	51,423	51,584	51,684	51,916	52,250	52,460	52,728	53,004	52,998	53,007	53,104	53,151	53,474	53,309
Average weekly earnings	\$163.80	\$165.34	\$166.06	\$167.61	\$169.52	\$170.25	\$171.81	\$172.90	\$172.67	\$172.92	\$175.69	\$175.09	\$176.17	\$177.25	\$177.12	\$178.70
Average weekly hours	36.0	36.1	36.1	36.2	36.3	36.3	36.4	36.4	36.2	36.1	36.3	36.1	36.1	36.1	36.0	36.1
Average hourly earnings	\$4.55	\$4.58	\$4.60	\$4.63	\$4.67	\$4.69	\$4.72	\$4.75	\$4.77	\$4.79	\$4.84	\$4.85	\$4.88	\$4.91	\$4.92	\$4.95
Indexes (1967=100):																
Aggregate hours	106.6	107.7	108.3	108.8	109.2	109.9	110.7	111.1	111.1	111.5	112.0	111.6	111.8	111.8	112.2	112.2
GOODS PRODUCING																
All employees	22,294	22,493	22,658	22,730	22,788	22,892	23,066	23,112	23,248	23,403	23,381	23,357	23,344	23,310	23,463	23,323
Production workers ¹	16,183	16,367	16,507	16,574	16,615	16,708	16,867	16,894	17,012	17,154	17,141	17,101	17,085	17,029	17,180	17,032
Indexes (1967=100):																
Aggregate hours	89.8	91.5	92.5	92.9	93.4	94.7	96.0	96.1	96.0	95.6	97.2	96.8	96.5	95.7	95.9	96.0
CONTRACT CONSTRUCTION																
All employees	3,434	3,471	3,510	3,519	3,555	3,571	3,595	3,571	3,578	3,620	3,605	3,592	3,608	3,579	3,565	3,582
Construction workers	2,743	2,774	2,797	2,803	2,824	2,833	2,852	2,817	2,823	2,866	2,860	2,844	2,868	2,841	2,826	2,852
Average weekly earnings	36.4	36.7	36.7	36.7	36.9	37.2	37.6	37.7	36.0	37.4	37.1	37.3	36.9	36.8	35.9	37.3
Average hourly earnings	\$7.32	\$7.30	\$7.32	\$7.34	\$7.40	\$7.45	\$7.48	\$7.47	\$7.58	\$7.57	\$7.66	\$7.68	\$7.77	\$7.74	\$7.71	\$7.76
Indexes (1967=100):																
Aggregate hours	97.8	99.8	100.6	100.8	102.1	103.3	105.1	104.1	99.6	105.0	104.0	104.0	103.7	102.5	99.4	104.2
SERVICE PRODUCING																
All employees	54,425	54,566	54,686	54,866	54,942	55,120	55,340	55,523	55,732	55,909	55,938	56,011	56,169	56,308	56,455	56,496
Nonsupervisory workers	34,646	34,765	34,916	35,010	35,069	35,208	35,383	35,566	35,716	35,850	35,857	35,906	36,019	36,122	36,294	36,277
Indexes (1967=100):																
Aggregate hours	118.2	118.9	119.2	119.8	120.1	120.5	120.9	121.6	121.6	122.6	122.3	121.8	122.5	123.0	123.6	123.5
WHOLESALE AND RETAIL TRADE																
All employees	16,979	17,030	17,107	17,163	17,175	17,257	17,388	17,496	17,592	17,662	17,663	17,664	17,737	17,764	17,839	17,824
Nonsupervisory workers	14,998	15,056	15,127	15,177	15,172	15,249	15,366	15,472	15,553	15,618	15,620	15,623	15,668	15,700	15,771	15,761
Average weekly hours	33.7	33.8	33.7	33.8	33.8	33.9	33.8	33.8	33.6	33.9	33.7	33.5	33.6	33.6	33.6	33.5
Average hourly earnings	\$3.76	\$3.79	\$3.79	\$3.81	\$3.83	\$3.84	\$3.87	\$3.87	\$3.89	\$3.91	\$3.94	\$3.95	\$3.98	\$4.00	\$4.03	\$4.05
Indexes (1967=100):																
Aggregate hours	114.3	115.0	115.2	115.8	116.0	116.6	117.3	118.0	118.0	119.8	118.9	118.1	118.9	119.0	119.7	119.3
RETAIL TRADE																
All employees	12,814	12,867	12,930	12,983	12,997	13,063	13,174	13,265	13,356	13,412	13,405	13,410	13,466	13,492	13,556	13,532
Nonsupervisory workers	11,550	11,608	11,664	11,718	11,717	11,779	11,878	11,970	12,048	12,098	12,092	12,100	12,136	12,166	12,224	12,207
Average weekly hours	32.3	32.4	32.3	32.3	32.4	32.4	32.3	32.3	32.1	32.5	32.2	31.9	32.0	32.0	32.1	32.0
Indexes (1967=100):																
Aggregate hours	115.6	116.5	116.7	117.2	117.6	118.2	118.9	119.8	119.8	121.8	120.6	119.6	120.3	120.6	121.6	121.0
SERVICES																
All employees	13,997	14,063	14,118	14,182	14,218	14,265	14,342	14,397	14,460	14,536	14,567	14,610	14,664	14,751	14,798	14,819
Nonsupervisory workers	12,605	12,666	12,728	12,770	12,811	12,868	12,913	12,972	13,032	13,087	13,115	13,163	13,204	13,279	13,337	13,335
Average weekly hours	33.7	33.8	33.7	33.8	33.8	33.7	33.7	33.7	33.5	33.5	33.6	33.4	33.4	33.5	33.5	33.6
Average hourly earnings	\$4.06	\$4.09	\$4.11	\$4.14	\$4.20	\$4.21	\$4.24	\$4.26	\$4.27	\$4.30	\$4.34	\$4.36	\$4.35	\$4.39	\$4.39	\$4.43
Indexes (1967=100):																
Aggregate hours	130.4	131.4	131.7	132.5	132.9	133.1	133.6	134.2	134.0	134.6	135.3	135.0	135.4	136.6	137.2	137.6
HOTELS AND OTHER LODGING PLACES																
All employees	983	995	1,001	1,016	1,025	1,029	1,037	1,044	1,045	1,053	1,056	1,044	1,060	1,061	1,068	1,069
GOVERNMENT																
All employees	14,765	14,789	14,754	14,807	14,819	14,861	14,855	14,860	14,897	14,912	14,923	14,954	14,948	14,980	14,952	14,988
STATE AND LOCAL GOVERNMENT																
All employees	12,017	12,036	11,997	12,046	12,063	12,108	12,106	12,118	12,162	12,179	12,193	12,226	12,225	12,248	12,224	12,258

¹ See footnote 1, table B-2.

Explanatory Notes

Introduction

Household Data (A tables)

Establishment Data (B, C, and D tables)

State and Area Unemployment Data (E table)

Unemployment Insurance Data (F tables)

Seasonal Adjustment

Introduction

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

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

Data based on establishment records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment survey is designed to provide 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 employment, hours, and earnings series are based on payroll reports from a sample of establishments employing over 30 million nonagricultural wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month. Based on a somewhat smaller sample, labor turnover data relate to actions occurring during the entire month.

Data based on administrative records of unemployment insurance systems furnish a complete count of insured unemployment among the three-fourths 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-Armed Forces personnel, and railroad workers. These statistics are published by the Employment and Training Administration, U.S. Department of Labor, in "Unemployment Insurance Claims."

RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

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

rived only from establishment reports.

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

Employment

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

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

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

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

Hours of work

The household survey measures hours actually worked whereas the payroll survey measures hours paid for by em-

ployers. 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 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 Employment and Training 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, some State and local government, domestic service, self-employment, unpaid family work, and religious organizations).

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

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

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they work 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 professional services, public utilities, and financial establishments, whereas these are included in BLS statistics.

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

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

Household data

(A tables)

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Manpower Statistics from the Current Population Survey*. BLS Report 463. 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. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. Separate statistics are also collected and published for 14 and 15 year olds. The inquiry relates to activity or status during the calen-

dar 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, members of the Armed Forces, and persons under 14 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Each month, 47,000 occupied units are eligible for interview. About 2,000 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 8,000 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 1 month to the next, and one-half to be common with the same month a year earlier.

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) Re-entrants are persons who previously worked at a full-time job lasting 2 weeks or longer but 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.

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (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. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community

organization, or waiting at a designated pick-up point.

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, race, etc. The job-loser, job-leaver, reentrant, and new entrant rates are each calculated as a percent of the civilian labor force; the sum of the rates for the four groups thus equals the total unemployment rate.

Participation rates represent the proportion of the noninstitutional population that is in the labor force. Two types of participation rates are published: The total labor force participation rate, which is the ratio of the total labor force and the total noninstitutional population; and the civilian labor force participation rate, which is the ratio of the civilian labor force and the civilian noninstitutional population. Participation rates are usually published for sex-age groups, often cross-classified by other demographic characteristics such as race and educational attainment.

Not in labor force includes all civilians 16 years and over who are not classified as employed or unemployed. These persons are further classified as "engaged in own home housework," "in school," "unable to work" because of long-term physical or mental illness, and "other." The "other" group includes for the most part retired persons, those reported as too old to work, the voluntarily idle, and seasonal workers for whom the survey week fell in an "off" season and who were not reported as unemployed. Persons doing only incidental unpaid family work (less than 15 hours) are also classified as not in the labor force.

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

Occupation, industry, and class of worker for the employed apply to the job held in the survey week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their last full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1970 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a government 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 Columbus Day holiday would be reported as working 32 hours even though he was paid for the holiday.

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

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

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

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

Labor force time lost is a measure of aggregate hours lost to the economy through unemployment and involuntary part-time employment and is expressed as a percent of potentially available aggregate 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.

Race. White and black and other are terms used to describe the race of workers. The black and other category, which until recently had been identified as "Negro and other races" and prior to 1969 as "nonwhite," includes all persons who are observed in the enumeration process to be other than white. At the time of the 1970 Census of Population, 89 percent of the black and other population group were black; the remainder were American Indians, Eskimos, Orientals, and all other non-white groups. The term "black" is used in this volume when the relevant data are provided exclusively for the black population.

Spanish origin refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican living on the mainland, Cuban, Central or South American or other Spanish origin or descent. According to the 1970 Census, approximately 96 percent of their population is white.

Major activity: going to school and major activity: *other* are terms used to describe whether the activity of young persons during the reference week are primarily one of going to school or not. Statistics on major activities are published every month in table A-7 for 16-21 year-olds by employment status, race,

sex, and, if unemployed, whether seeking full- or part-time work.

Household head. One person in each household is designated as the head. The head is usually the person regarded as the head by the members of the group. If a husband and wife family occupy the unit, the husband is designated as the head. The number of heads is equal to the number of households.

Vietnam-era veterans are those who served in the Armed Forces of the United States between August 5, 1964, and April 30, 1975. Tables for veterans in this volume are limited to males in the civilian noninstitutional population; i.e., veterans in institutions and females are excluded.

Nonveterans are males who never served in the Armed Forces.

Poverty areas classification consists of all Census geographical divisions in which 20 percent or more of the residents were poor according to the 1970 Decennial Census. Persons were classified as poor or nonpoor by using income thresholds adopted by a Federal interagency committee in 1969. These thresholds vary by family size, composition, and residence (farm-nonfarm). While poverty areas have a substantial concentration of low-income residents, many poor persons live outside these areas and, conversely, the areas include many people who are not poor.

HISTORIC COMPARABILITY

Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. At the same time, several definitions were sharpened to clear up ambiguities. The principal definitional changes were: (1) Counting as unemployed only persons who were currently available for work and who had engaged in some specific job-seeking activity within the past 4 weeks, an exception to the latter condition is made for persons waiting to start a new job in 30 days or waiting to be recalled from layoff; in the past, the current availability test was not applied and the time period for jobseeking was ambiguous; (2) counting as employed persons who were absent from their jobs in the survey week because of strikes, bad weather, etc. and were also looking for other jobs; previously, these persons had been classified as unemployed; (3) sharpening the questions on hours of work, duration of unemployment, and self-employment in order to increase their reliability.

These changes did not affect the unemployment rate by more than one-fifth of a percentage point in either direction, although the distribution of unemployment by sex was affected. The number of employed was reduced about 1 million because of the exclusion of 14- and 15-year-olds. For persons 16 years and over, the only employment series appreciably affected were those relating to hours of work and class of worker. A detailed discussion of the changes and their effect on the various series is contained in "New Definitions for Employment and Unemployment" by Robert L. Stein in the February 1967 issue of *Employment and Earnings and Monthly Report on the Labor Force*. Reprints may be obtained upon request.

Noncomparability of labor force levels

Before the changes introduced in 1967, the labor force data were not comparable for three earlier periods: (1) Beginning 1953, as a result of the introduction of data from the 1950 census into the estimation procedure, population levels were raised by about 600,000; labor force, total employment, and

agricultural employment by about 350,000, primarily affecting the figures for totals and males; other categories were relatively unaffected; (2) beginning 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force, four-fifths of this in nonagricultural employment; other labor force categories were not appreciably affected; (3) beginning 1962, the introduction of figures from the 1960 census reduced the population by about 50,000, labor force and employment by about 200,000; unemployment totals were virtually unchanged. In addition, beginning 1972, information from the 1970 census was introduced into the estimation procedures, producing an increase in the civilian noninstitutional population of about 800,000; labor force and employment totals were raised by a little more than 300,000, and unemployment levels and rates were essentially unchanged. A subsequent population adjustment based on the 1970 census was introduced in March 1973. This adjustment affected the white and black and other groups but had little effect on totals. The adjustment resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black and other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black and other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

Beginning in January 1974, the methodology used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the population estimates had its greatest impact on estimates of 20-24 year-old males—particularly those of the black and other population—but had little effect on 16 and over totals. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation" in the February 1974 issue of *Employment and Earnings*.

Effective July 1975, as a result of the immigration of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—30,000 males and 46,000 females. The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, and all of the changes were in the "other" population.

Changes in occupational classification system

Beginning with 1971, the comparability of occupational employment data was affected as a result of changes in census occupational classifications introduced into the Current Population Survey (CPS). These changes stemmed from an exhaustive review of the classification system to be used for the 1970 Census of Population. This review, the most comprehensive since the 1940 census, was to reduce the size of large groups, to be more specific about general and "not elsewhere classified" groups, and to provide information on emerging significant occupations. Differences in March 1970 employment levels tabulated on both the 1960 and 1970 classification systems ranged from a drop of 650,000 in operatives to an increase of 570,000 in service workers, much of which resulted from a shift between these two groups; the nonfarm laborers group increased by 420,000, and changes in other groups amounted to 220,000 or less.

An additional major group was created by splitting the operatives category into two: operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of presenta-

tion, were introduced; for example, the title of the managers, officials, and proprietors group was changed to "managers and administrators, except farm," since only proprietors performing managerial duties are included in the category.

Apart from the effects of revisions in the occupation classification system beginning in 1971, comparability of occupational employment data was further affected in December 1971, when a question eliciting information on major activities or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. This change resulted in several dramatic occupational shifts, particularly from managers and administrators to other groups. Thus, meaningful comparisons of occupational levels cannot always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

Additional information on changes in the occupational classification system of the CPS appears in "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of *Employment and Earnings*.

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas and, within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 3 to 5 percent depending on weather, vacations, etc.

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

a. *First-stage ratio estimate.* This is a procedure in which the sample proportions are weighted by the known 1970 Census data on the race-residence distribution of the population. This step takes into account the differences existing at the time of the 1970 census between the race-residence distribution for the Nation and for the sample areas.

b. *Second-stage ratio estimate.* In this step, the sample pro-

portions are applied to independent current estimates of the population by age, sex, and race. Prior to January 1974 these estimates were prepared by carrying forward the most recent census data (1970) after taking account of subsequent aging of the population, births, deaths, and migration between the United States and other countries.

Beginning in 1974, the "inflation-deflation" method of deriving independent population controls was introduced into the CPS estimation procedures. In this procedure, the most recent census population adjusted to include estimated net census undercount by age, sex, and race (i.e., "inflated") is carried forward to each subsequent month and later age by adding births, subtracting deaths, and adding net migration. These postcensal population estimates are then "deflated" to census level to reflect the pattern of net undercount in the most recent census by age, sex, and race. The actual percent change over time in the population in any age group is preserved.

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

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)
BOTH SEXES		
Labor force	205	150
Total employment	210	155
Agriculture	95	50
Nonagricultural employment	216	155
Unemployment	139	106
MALES		
Labor force	115	95
Total employment	125	100
Agriculture	85	55
Nonagricultural employment	130	105
Unemployment	81	89
FEMALES		
Labor force	140	110
Total employment	140	110
Agriculture	35	25
Nonagricultural employment	140	110
Unemployment	74	83

Table B. Standard error of level of monthly estimates

Size of estimate	Both sexes		Males		Females	
	Total of white	Black and other	Total of white	Black and other	Total of white	Black and other
10	4	4	6	4	6	4
50	9	9	11	9	11	9
100	12	12	16	12	16	12
250	20	17	25	17	25	17
500	30	25	34	25	34	25
1 000	40	35	50	35	50	35
2 500	60	40	75	40	75	40
5 000	85	45	90	—	90	—
10 000	115	—	115	—	115	—
20 000	150	—	125	—	125	—
30 000	170	—	—	—	—	—
40 000	180	—	—	—	—	—

the standard error of the month-to-month change in table C corresponding to this standard error of level. It should be noted that table C applies to estimates of change between 2 consecutive months. For changes between the current month and the same month last year, the standard errors of level shown in table B are acceptable approximations.

Illustration. Assume that the tables showed the total number of persons working a specific number of hours as 15,000,000, an increase of 500,000 over the previous month. Linear interpolation in the first column of table B shows that the standard error of 15,000,000 is about 133,000. Consequently, the chances are about 68 out of 100 that the sample estimate differs by less than 133,000 from the figure which would have been obtained from a complete count of the number of persons working the given number of hours. Using the 133,000 as the standard error of the monthly level in table C, it may be seen that the standard error of the 500,000 increase is about 126,000.

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total

Table C. Standard error 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

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 unemployment percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D. As a general rule, percentages will not be published when the monthly base is less

Table D. Standard error of unemployment percentages

Base of percentages (thousands)	Estimated percentage									
	1 or 99	2 or 98	5 or 95	10 or 90	15 or 85	20 or 80	25 or 75	35 or 65	50	
75	1.5	2.1	3.2	4.5	5.4	6.1	6.7	7.5	8.3	
150	1.1	1.5	2.4	3.3	4.0	4.5	4.9	5.5	6.1	
250	.9	1.3	2.0	2.8	3.3	3.7	4.1	4.6	5.1	
500	.6	.8	1.3	1.7	2.1	2.4	2.6	2.9	3.2	
1,000	.4	.6	.9	1.2	1.5	1.7	1.8	2.1	2.3	
2,000	.3	.4	.6	.9	1.0	1.2	1.3	1.5	1.6	
3,000	.2	.3	.5	.7	.9	1.0	1.1	1.2	1.3	
5,000	.2	.3	.4	.6	.7	.7	.8	.9	1.0	
10,000	.1	.2	.3	.4	.5	.5	.6	.7	.7	
25,000	.1	.1	.2	.3	.3	.3	.4	.4	.4	
50,000	.1	.1	.1	.2	.2	.2	.3	.3	.3	
75,000	.1	.1	.1	.1	.2	.2	.2	.2	.3	

than 75,000 or the annual base is less than 35,000. Table E shows the standard error of percentage of monthly levels and consecutive month change for frequently analyzed unemployment rate series. These errors are computed from data for recent months. Errors on change for nonconsecutive months are slightly greater (by roughly a factor of 1.1 times the month-to-month error).

Table E. Standard error of percentages for major unemployment rates

Selected categories	Monthly level	Consecutive month change	Selected categories	Monthly level	Consecutive month change
Total (all civilian workers)	12	14	OCCUPATION - Continued		
Males 20 years and over	14	17	Blue-collar workers	.23	.28
Females 20 years and over	19	24	Craft and kindred workers	.32	.39
Both sexes 16-19 years	56	72	Operatives	.36	.46
White workers	12	15	Nonfarm laborers	.66	.84
Black (and other) workers	43	55	Service workers	.32	.40
Household heads	12	15	Farm workers	.43	.53
Married men	13	16	INDUSTRY		
Full-time workers	12	15	Nonagricultural private wage and salary workers	.14	.17
Part-time workers	35	44	Construction	.75	.95
Unemployed 15 weeks and over	06	07	Manufacturing	.27	.34
Labor force time lost	12	15	Durable goods	.36	.45
OCCUPATION			Non-durable goods	.43	.54
White-collar workers	13	15	Transportation and public utilities	.41	.52
Professional and technical	20	24	Wholesale and retail trade	.28	.35
Managers and administrators except farm	23	28	Finance and service industries	.23	.29
Sales workers	39	48	Government wage and salary workers	.19	.24
Clerical workers	24	30	Agricultural wage and salary workers	1.11	1.39

Establishment data

(B, C, and D tables)

COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, and labor turnover in non-agricultural 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 Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collection agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability

and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of nonagricultural establishments and, for most industries, payroll and 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.

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 been paid during the period.

Industry hours and earnings

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining private nonagricultural components. For Federal Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

Production and related workers include working supervisors and all nonsupervisory workers (including group leaders and

trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard 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 supervisors, qualified craft workers, mechanic's apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

Nonsupervisory employees include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, 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 the 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.

Hours cover the hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. Included are 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 amount stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction-worker, or nonsupervisory-employee definitions.

Gross average weekly earnings are derived by multiplying

average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as proportion of part-time workers, stoppages for varying causes, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of gross average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the service industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

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

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

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

Hours and earnings for total private nonagricultural industries. The series covers all nonagricultural industry divisions except government. The principal source of payroll data is Form BLS 790. Secondary source material such as the Bureau's *Employment and Wages*, *County Business Patterns* of the 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*. Reprints are available upon request.

Railroad hours and earnings. The figures for class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Gross average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by

the number of employees, as defined above. Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

Spendable average weekly earnings. Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

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

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

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

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

Indexes of aggregate weekly payrolls and hours. The indexes of aggregate weekly payrolls and hours are prepared by dividing the current month's aggregate by the monthly average for the 1967 period. The hour aggregates are the product of average weekly hours and production-worker or nonsupervisory worker employment, and the payroll aggregates are the product of hour aggregates and average hourly earnings. At all higher levels of aggregation, hour and payroll aggregates are the sum of the component aggregates.

Indexes of diffusion of changes in number of employees on nonagricultural payrolls. These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing

industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December, 1974 issue of *Employment and Earnings*.

Labor turnover

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

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

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

Other accessions, which are not published separately but are included in total accessions, are all additions to the employment roll which are not classified as new hires, including transfers from other establishments of the company and employees recalled from layoff.

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

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

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

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

Relationship of labor turnover to employment series

Month-to-month changes in total employment in manufacturing industries reflected by labor turnover rates are not comparable with the changes shown in the Bureau's employment series for the following reasons: (1) Accessions and separations are computed for the entire calendar month; the employment reports refer to the pay period which includes the 12th of the month; and (2) employees on strike are not counted as turnover actions although such employees are excluded from the employment estimates if the work stoppage extends through the report period.

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 in table F. Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover.

Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods, 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 1974 levels. Normally, benchmark adjustments are made annually.

The primary sources of benchmark information are employment data, by industry, compiled quarterly by State agencies from reports of establishments covered under State unemployment insurance laws. These tabulations cover nearly nine-tenths of the total nonagricultural employment in the United States. Benchmark data for the residual are obtained from the records of the Social Security Administration, the Interstate Commerce Commission, and a number of other agencies in private industry or government.

The estimates relating to the benchmark month are compared with new benchmark levels, industry by industry. If revisions are necessary, the monthly series of estimates are adjusted between the new benchmark and the preceding one, and the new benchmark for each industry is then carried forward progressively to the current month by use of the sample trends. Thus, under this procedure, the benchmark is used to establish the level of employment; the sample is used to measure the month-to-month changes in the level. A comparison of the actual amounts of revisions due to benchmark adjustment for the last 3 years is shown in table G.

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, entitled *Employment and Earnings*, United States.

Table F. Summary of methods for computing industry statistics on employment, hours, and labor turnover

Item	Basic estimating cell (industry, region, size, or region/size cell)	Aggregate industry levels (divisions, groups and, where stratified, individual cells)
Monthly data		
All employees	All employees 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 hours divided by number of production or nonsupervisory workers	Average, weighted by production or nonsupervisory employment, of the average weekly hours for component cells.
Average weekly overtime hours	Production worker overtime 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 hours.	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Gross average weekly earnings	Product of gross average weekly hours and average hourly earnings.	Product of gross average weekly hours and average hourly earnings.
Labor turnover rates	The number of particular actions (e.g., quits) in reporting establishments divided by total employment in those firms. The result is multiplied by 100.	Average, weighted by employment, of the rates for component cells.
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 hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours	Annual total of aggregate overtime hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime 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 hours.	Annual total of aggregate payrolls divided by annual aggregate 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.

Table G. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1971, 1973¹, and 1974

Industry division	1971	1973 ¹	1974
Total	100.2	98.4	99.9
Mining	99.8	96.5	97.0
Contract construction	96.9	90.4	100.6
Manufacturing	100.4	98.9	99.9
Transportation and public utilities	100.9	99.3	100.0
Wholesale and retail trade	100.3	97.8	100.1
Finance, insurance, and real estate	100.2	99.5	98.9
Services	100.4	99.1	99.3
Government	100.0	99.5	100.6

¹ 2-year revision.

average size of establishments. The universe of establishments is stratified first by industry and then within each industry by size of establishment in terms of employment. For each industry, the number of sample units is distributed among the size class cells on the basis of average employment per establishment in each cell. In practice, this is equivalent to distributing the predetermined total number of establishments required in the sample among the cells on the basis of the ratio of employment in each cell to total employment in the industry. Within each noncertainty stratum the sample members are selected at random.

Under this type of design, large establishments fall into the sample with certainty. The size of the sample for the various industries is determined empirically on the basis of experience and of cost considerations. In a manufacturing industry in which a high proportion of total employment is concentrated in relatively few establishments, a large percentage of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments with only a few chosen from among the smaller establishments or none at all if the concentration of employment is great enough. On the other hand, in an industry in which a large proportion of total employment is in small

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

establishments, the sample design calls for inclusion of all large establishments and also for a substantial number of the small ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to accept samples in these divisions with a smaller proportion of universe employment than is the case for most manufacturing industries. Since individual establishments in these nonmanufacturing divisions generally show less fluctuation from regular cyclical or seasonal patterns than establishments in manufacturing industries, these smaller samples (in terms of employment) generally produce reliable estimates.

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

Coverage

The BLS sample of establishment employment and payrolls is the largest monthly sampling operation in the field of social statistics. Table H shows the approximate proportion of total employment in each industry division covered by the group of establishments furnishing monthly employment data. The coverage for individual industries within the division may vary from the proportions shown. Table I shows the approximate coverage, in terms of employment, of the labor turnover sample.

Table H. Approximate size and coverage of BLS employment and payrolls sample, March 1974¹

Industry division	Number of establishments in samples	Employees	
		Number reported	Percent of total
Total	158,400	31,637,000	41
Mining	2,100	307,000	46
Contract construction	16,500	771,000	20
Manufacturing	47,000	11,821,000	59
Transportation and public utilities			
Railroad transportation (ICC)	95	537,000	94
Other transportation and public utilities	7,300	2,181,000	53
Wholesale and retail trade	38,200	3,050,000	18
Finance, insurance, and real estate	10,100	1,507,000	36
Services	23,500	2,740,000	20
Government:			
Federal (Civil Service Commission) ²	3,200	2,691,000	100
State and local	10,400	6,032,000	52

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

² National estimates of Federal employment are provided to the BLS by the Civil Service Commission. State and area estimates are based on a sample of 3,200 reports covering about 53 percent of employment in Federal establishments.

Table I. Approximate size and coverage of BLS labor turnover sample, March 1974

Industry	Employees	
	Number reported	Percent of total
Total	10,873,730	52
Manufacturing	10,007,800	51
Metal mining	61,850	66
Coal mining	56,770	35
Communications:		
Telephone	734,270	74
Telegraph	13,040	61

Reliability of the employment estimates

Although the relatively large size of the BLS establishment sample assures a high degree of accuracy, the estimates derived from it may differ from the figures that would be obtained if it were possible to take a complete census using the same schedules and procedures. As discussed under the previous section, a link relative technique is used to estimate employment. This requires the use of the previous month's estimate as the base in computing the current month's estimate. Thus, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are usually adjusted annually to new benchmarks. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences arises from improvements in the quality of the benchmark data. Improvements brought about by the most recent expansion in unemployment insurance coverage were the major cause of differences in the March 1973 benchmark adjustments. (See article by Carol M. Utter, "BLS Establishment Estimates Revised to March 1973 Benchmark Levels", in the December 1974 issue.) Table J presents the average percent revisions of the six most recent benchmarks (excluding the March 1973 adjustment) for major industry divisions. Detailed descriptions of individual benchmark revisions are available from the Bureau upon request.

The hours and earnings estimates for cells are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. The hours and earnings estimates, however, are subject to sampling errors which may be expressed as relative errors of the estimates. (A relative error is a standard error expressed as a percent of the estimate.) Relative errors for major industries are presented in table J and for individual industries with the specified number of employees in table K. The chances are about 2 out of 3 that the hours and earnings estimates from the sample would differ by a smaller percentage than the relative error

Table J. Average benchmark percent revision in employment estimates and relative errors¹ for average weekly hours and average hourly earnings by industry division

Industry division	Average benchmark revision in estimates of employment ²	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment	0.2	-	-
Total private	1	0.1	0.2
Mining	1.2	5	5
Contract construction	1.2	2	3
Manufacturing	3	1	1
Durable goods	4	1	1
Nondurable goods	3	1	1
Transportation and public utilities	4	7	4
Trade	3	1	2
Wholesale	1.0	2	3
Retail	2	2	2
Finance, insurance, and real estate	4	2	4
Services	6	4	8
Government ³	6	-	-

¹ Relative errors relate to March 1971 data

² The average percent revision in employment for the 1967-71 and 1974 benchmarks

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

from the averages that would have been obtained from a complete census.

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

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

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 6 years) of differences between final estimates and benchmarks are presented in table K.

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

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

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

¹ Assuming 12-month intervals between benchmark revisions.

Table L. Errors of preliminary employment estimates

Size of employment estimate	Root-mean-square error of	
	Monthly level	Month-to-month change
50,000	600	600
100,000	1,000	900
200,000	1,700	1,700
500,000	2,600	2,400
1,000,000	5,000	4,900
2,000,000	9,000	8,700
10,000,000	29,000	26,000
Total nonagricultural employment	98,000	87,000
Mining	5,000	5,000
Contract construction	20,000	21,000
Manufacturing	45,000	42,000
Transportation and public utilities	13,000	11,000
Wholesale and retail trade	35,000	32,000
Finance, insurance, and real estate	7,000	7,000
Services	29,000	23,000
Government	44,000	42,000

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.

PRODUCTIVITY DATA

Tables C-10, C-11, and C-12 are compiled by the Bureau of Labor Statistics from establishment data and from estimates of compensation and gross national product supplied by the U.S. Department of Commerce and the Federal Reserve Board.

Definitions

Hours of wage and salary workers in nonagricultural establishments refer to hours paid for all employees—production workers, nonsupervisory workers, and salaried workers.

Output is the constant dollar market value of final goods and services produced in a given period. Indexes of *output per hour* of labor input, or labor productivity, measure changes in the volume of goods and services produced per unit of labor.

Compensation per hour includes wages and salaries of employees plus employers contributions for social insurance and private benefit plans. The data also include an estimate of wages, salaries, and supplementary payments for the self-employed, except for nonfinancial corporations, in which there are no self-employed.

Real compensation per hour is compensation per hour adjusted to eliminate the effect of changes in the Consumer Price Index.

Unit labor costs measure the labor compensation cost required to produce one unit of output and are derived by dividing compensation per hour by output per hour. *Unit nonlabor payments* include profits, depreciation, interest, and indirect taxes per unit of output. They are computed by subtracting compensation of all persons from the current dollar gross national product and dividing by output. In these tables, unit nonlabor costs contain all the components of unit nonlabor payments except unit profits. *Unit profits* includes corporate profits and inventory valuation adjustments per unit of output.

The *implicit price deflator* is derived by dividing the current dollar estimate of gross product by the constant dollar estimate, making the deflator, in effect, a price index for gross product of the sector reported.

Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the Gross Domestic Product less households and institutions, owner-occupied housing,

and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the Gross Domestic Product of nonfinancial corporate businesses.

Manufacturing data have been revised to reflect revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis.

U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hour data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

State and area unemployment data

(E table)

Since November 1972, the Bureau of Labor Statistics has been responsible for developing the concepts and methods used by State employment security agencies to estimate State and local area labor force, employment, and unemployment. In December 1975, the Office of Management and Budget extended this responsibility to include the publication of State and local area labor force and unemployment estimates. Prior to 1972, State agencies prepared estimates using a method developed by the Department of Labor in 1950, generally referred to as the Handbook method (BES Report No. R-185). The new system combines the Handbook method with a set of procedures based on the concepts and definitions used in the national Current Population Survey (CPS). Improvements have been in two areas: (1) The estimating methodology previously used by State agencies has been modified to more closely approximate CPS definitions; and (2) The State-prepared monthly estimates are benchmarked to annual average totals from the CPS.

Federal-State cooperative program

Labor force and unemployment estimates for States, labor market areas (LMA), and other areas specifically defined for fund allocation purposes are developed under a Federal-State cooperative program and transmitted each month to BLS. The local area unemployment estimates approved by BLS are the basis for determining eligibility of an area for benefits under Federal economic assistance programs, such as those established by the Comprehensive Employment and Training Act (CETA).

ESTIMATING METHODS

Monthly employment and unemployment estimates are prepared in several stages:

1. *Preliminary estimate—Employment:* The total employment estimate is based primarily on data from the survey of establishments which produces an estimate of payroll employment. This place-of-work estimate must be adjusted to refer to place of residence as used in the Current Population Survey. Adjustment factors for the major categories of employment by class of worker and industry have been developed on the basis of employment relationships which existed at the time of the 1970 Decennial Census. These factors are applied to the payroll employment estimates for the current period to obtain adjusted employment estimates.

2. *Preliminary estimate—Unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates

for each of three building block categories: (1) Persons who were previously employed in industries covered by State unemployment insurance (UI) laws; (2) those previously employed in industries not covered by these laws; and (3) those who were either entering the labor force for the first time or reentering after a period of separation.

An estimate for those previously employed in covered industries is derived from a count of current unemployment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving benefits for nonmonetary reasons (because they quit, were discharged for cause, etc.), but would otherwise have been eligible, and persons who either filed claims late or not at all.

The estimate of those previously employed in industries not covered by UI is derived by applying the current ratio of covered unemployment to covered employment to the employment estimate for each industry or class of worker subgroup in the State, weighted by factors reflecting national historical relationships.

For the third category, new entrants and reentrants into the labor force, a composite estimate is developed from equations that relate the total entrants into the labor force to the experienced unemployed and the experienced labor force. For each month, the estimate of entrants into the labor force is a function of: (a) the month of the year; (b) the level of the experienced unemployed; (c) the level of the experienced labor force; and (d) the proportion of the working age population that is considered "youth." The composite estimate of total entrants is defined as:

$$U = A(X + E) + BX, \text{ Where}$$

U = total entrant unemployment

E = total employment

X = total experienced unemployment

A, B = synthetic factors incorporating seasonal variation, and an assumed relationship between the proportion of youths in the working population and the historical relationship of entrants to the experienced unemployed (B factor) or the experienced labor force (A factor)

3. *Adjustment for additivity:* Using the Handbook method, States prepare independent employment and unemployment estimates for the State, and for many substate areas. An adjustment is applied to all substate estimates to ensure that the substate estimates add to the independent State totals. Specific additivity adjustment procedures vary from State to State, but are generally one of the three following basic methods: (a) If a State is comprised of mutually exclusive and exhaustive LMA's, then the difference between the independent State estimate and the sum of the estimates for the LMA's is prorated over all LMA's in the State, to produce a set of substate estimates which add to the independent State estimate; (b) If the

mutually exclusive LMA's do not exhaust the geographic area of the State, then the difference between the independent State estimate and the sum of the LMA estimates, or residual, becomes the balance-of-State estimate; (c) If a State contains LMA's which are benchmarked independently (see below), estimates for these areas are subtracted from the independent State estimate and the additivity adjustment is then applied to the remaining areas in the balance of the State.

4. *Benchmark correction and extrapolation procedures.* Once each year all monthly estimates prepared by State employment security agencies under the Handbook method are adjusted, or benchmarked, by BLS to the annual average estimates resulting from the CPS. This adjustment is necessary because the State-prepared estimates are not as reliable as the CPS estimates, due to differences in State UI laws, the structural limitations of the Handbook method, and errors in the UI data.

The benchmarked estimates are produced in three stages.

First, the monthly Handbook estimates are adjusted by the ratio of the CPS and Handbook annual averages. Second, the difference between the ratio of annual averages for two consecutive years is wedged into the monthly estimates in order to minimize the disturbance to the original series. Finally, the second-stage estimates are forced into agreement with CPS annual averages.

The benchmarked estimates are extrapolated into the current year by applying the latest relevant correction factor to the current Handbook estimates of employment and unemployment. The employment factor used in year (t) is the quotient of the December employment benchmarked and Handbook estimates in year (t-1). The unemployment factor for year (t) is the algebraic difference between the December unemployment benchmarked and Handbook estimates in year (t-1). The preliminary estimate in the current year is then the result of applying the correction factor by multiplication (for employment), or by addition (for unemployment) to the current Handbook estimate.

Unemployment insurance data

(F tables)

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

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

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitations of unemployment insurance data should address their inquiries to Employment and Training 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 methods used for these series are 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 two publications, *BLS Seasonal Factor Method (1966)* and *X-11 Variant of the Census Method II Seasonal Adjustment Program*, Technical Paper No. 15, Bureau of the Census (1967).

Data for the household series are seasonally adjusted utilizing the Census Bureau's X-11 Method. Each January, seasonal adjustment factors for unemployment and other labor force series are revised to take into account data from the previous year. In January 1976, in addition to the routine annual revisions, the Bureau introduced a modification in the procedure for seasonally adjusting teenage unemployment and those few other unemployment series (e.g., unemployed new entrants) of which teenagers are the exclusive or major part. All other series are adjusted following past procedures.

All civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment,

and unemployment—data for four sex-age groups (males and females under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. In order to provide seasonally adjusted total employment and civilian labor force estimates, the appropriate series are aggregated. The unemployment rate for all civilian workers is derived by dividing the estimate for total unemployment (the sum of 4 seasonally adjusted sex-age components) by the civilian labor force (the sum of 12 seasonally adjusted sex-age components).

Revised seasonally adjusted series for major components of the labor force based on data through December 1976, new seasonal factors for the 12 major components of the civilian labor force, and a description of the seasonal adjustment methodology are published in the February 1977 *Employment and Earnings*. Many additional series, which are either components or aggregates of the series presented, are available from the BLS upon request.

For establishment data, seasonally adjusted series for all employees, production workers, hours, and earnings, are computed using the BLS Seasonal Factor Method. Seasonal adjustment factors are directly applied to the component levels. Seasonally adjusted totals for most of these series are then obtained by taking a weighted average of the seasonally adjusted data for the component series. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. Indexes of aggregate weekly hours, seasonally

adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and nondurable goods the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1967 base.

The seasonally adjusted establishment data for Federal Government are based on a series which excludes the Christmas temporary help employed by the Postal Service in December. The employment of these workers constitutes the only significant seasonal change in Federal Government employment during the winter months. Furthermore, the volume of such employment may change substantially from year to year because of administrative decisions by the Postal Service. Hence, it was considered desirable to exclude this group from the data upon which the seasonally adjusted series is based.

For labor turnover rates, seasonal adjustment factors are applied directly to the component series. These series are then aggregated to obtain total levels (total accessions and total separations). These factors are derived by the Census X-11 Method using the trading day option. As a result these series are adjusted for the number of times each day of the week occurs in a given month, as well as for the month of the year.

The revised seasonally adjusted series for the establishment data reflect experience through August 1976. Seasonal factors to be used for current adjustment appear in the December 1976 issue of *Employment and Earnings*.

Additional information concerning the preparation of the labor force, employment, hours, earnings, and labor turnover series—concepts and scope, survey methods, and limitations—is contained in the *Handbook of Methods, BLS Bulletin 1910*.

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