

# Employment and Earnings

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<b>CALENDAR OF FEATURES</b>											
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	June	July	Aug.	Oct.	Nov.	Dec.
<b>Household data</b>											
Annual averages	x										
Revised seasonally adjusted series		x									
<b>Quarterly averages:</b>											
Seasonally adjusted data											
Persons not in labor force											
Persons of Spanish origin											
Vietnam-Era veterans and nonveterans	x			x			x		x		
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<b>Establishment data</b>											
<b>National annual averages:</b>											
Industry divisions (preliminary)	x										
Industry detail (final)			x								
Women employment (National)		x			x			x		x	
National data adjusted to new benchmarks									(1)		
Revised seasonally adjusted series									(1)		
State and area annual averages					x						
Area definitions					x						

<sup>1</sup> The issue that introduces the establishment data adjusted to new benchmarks varies. The October 1975 issue marks the introduction of March 1974 benchmarks.

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<sup>1</sup> Monthly data in February, May, August, and November issues; annual averages in March issue.

# Employment and Unemployment Developments, February 1976

The Nation's overall employment situation continued to improve in February, as unemployment declined and employment rose. The unemployment rate was 7.6 percent, down from the recession peak of 8.9 percent reached last May. Most of the reduction has taken place in the 4-month period since October.

Total employment—as measured by the monthly survey of households—moved up slightly in February, following a very large gain in the previous month. After plunging by 2.2 million, the employed total has now fully returned to the July 1974 pre-recession peak of 86.3 million. A large part of this recovery has been among adult women, as employment of adult men was still nearly 700,000 below its high point.

Nonagricultural payroll employment—as measured by the monthly survey of establishments—increased by 210,000 in February. Since last June's low, payroll jobs have risen by 2 million, still half a million below the September 1974 peak.

## Unemployment

The number of persons unemployed declined by 150,000 in February to 7.1 million, after adjustment for seasonality. While this drop was relatively small, it continued the downtrend which had begun in June and accelerated after October. The unemployment rate, at 7.6 percent in February, was down from 7.8 percent in January and 8.6 percent last October.

The small February unemployment decline was diffused among many component groups, such that there were very few dramatic changes. The jobless rate for household heads continued its descent, moving below the 5-percent mark for the first time since late 1974. The rate for full-time workers also declined, while that for married men was unchanged. The jobless rate for white workers continued to decrease—to 6.8 percent. However, the rate for blacks (Negro and other races) was little changed in February (13.7 percent) and also has shown little change over the past year.

The decline in joblessness since October has occurred primarily among adult men. Substantial declines over the last 4 months were also registered in most industry and occupational groups, particularly among blue-collar

workers and those who last worked in the manufacturing and construction industries.

The average (mean) duration of unemployment dropped to 16.2 weeks in February, after holding at a high of 17 weeks in the prior 3-month period. This movement was largely due to a substantial decrease in the number of persons unemployed 15 weeks or longer, particularly those who were unemployed 15-26 weeks. After declining sharply in December and January, the number of unemployed persons who had lost their jobs was unchanged in February. There was a decline, however, in the number of unemployed persons who had reentered the labor force.

After rising to 3.5 million in January, the number of employed persons on part-time schedules for economic reasons returned to the 3.3 million level that had prevailed since last July. Labor force time lost—a measure that combines the involuntary part-time employed with unemployment on a worker-hours basis—also dropped over the month.

## Total employment and labor force

Total employment edged up in February to 86.3 million, seasonally adjusted, after increasing by 800,000 in the previous month. There were, however, contrasting movements within the total, as agricultural employment dropped by 170,000 while nonagricultural employment grew 300,000. Since the March 1975 low, total employment has risen by 2.2 million persons to a level equal to the previous alltime peak registered in July 1974. Adult women accounted for over half of this gain.

The civilian labor force held steady in February at 93.5 million persons. Over the past year, labor force growth has totaled 1.9 million, with adult women comprising more than 1.3 million of the increase. During this period, the labor force participation rate for adult women increased by a full percentage point (to 46.5 percent), while that for adult men declined by nearly a point.

## Industry payroll employment

Total nonagricultural payroll employment advanced for the eighth straight month, increasing by 210,000 in

February to 78.3 million (seasonally adjusted). The payroll job count was 2 million above the June low level, but still 490,000 below the alltime high recorded in September 1974. Over-the-month employment gains occurred in 64 percent of the 172 industries comprising the diffusion index of nonagricultural payroll employment.

Employment in manufacturing continued to rise, although modestly when contrasted with the expansion in earlier months. However, the limited increase reflected a netting out of generally small movements among the component industries. Within durable goods, increases in fabricated metal products and lumber were partially offset by a decrease in transportation equipment (other than automobiles). In nondurables, the only notable increase was in food and kindred products.

After a slight upturn in January, employment in contract construction dropped by nearly 60,000 in February. The job count in that industry has hovered around the recessionary low level of 3.4 million for almost a year.

In contrast to the goods-producing industries, increases were posted in all but one of the service-producing industries. Trade led the expansion with a gain of nearly 100,000, more than two-thirds of which occurred in the retail sector. Employment in services continued to climb, adding 70,000 to payrolls over the month. Transportation and public utilities also increased, with a gain of 30,000 jobs.

### Hours

The average workweek for all production or nonsupervisory workers on private nonfarm payrolls edged down by 0.1 hour in February to 36.5 hours (seasonally adjusted). The manufacturing workweek was the key factor in this decline, dropping 0.2 hour to 40.3 hours. Having risen unevenly since last February's recession low—by 1.5 hours—the factory workweek was still

0.7 hour below the pre-recession high of February 1973. Factory overtime was 3.0 hours for the third consecutive month.

As the increase in employment outweighed the decrease in average weekly hours, the index of aggregate hours of private nonagricultural production or nonsupervisory employees inched up by 0.3 percent to 110.8 (1967=100), continuing the growth exhibited for the previous 7 months. The aggregate factory hours index remained at the January level of 93.7, marking the first pause in an otherwise consistent pattern of growth that had prevailed since last May.

### Hourly and weekly earnings

Average hourly earnings of production or nonsupervisory workers on total private nonagricultural payrolls were 0.4 percent above the January level, seasonally adjusted, and 7.2 percent above the previous February's level. Average weekly earnings increased 0.2 percent from January and 8.4 percent over the last 12 months.

Before adjustment for seasonality, average hourly earnings went up 2 cents to \$4.74. Since last February, the increase has been 32 cents. Average weekly earnings were \$171.11, 72 cents higher than in January and \$13.32 above February a year ago.

### 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 180.7 (1967=100) in February, 0.5 percent higher than in January. The index was 7.7 percent above February a year ago. During the 12-month period ended in January, the Hourly Earnings Index in dollars of constant purchasing power rose 1.3 percent.

# Changes in the Spendable Earnings Series for 1976: Effects of The Tax Adjustment Act of 1975 and the Social Security Tax Base Change

\*by Eric Dmytrow and  
Janet Grimes.

The Tax Adjustment Act of 1975, which was signed into law on December 23, 1975, essentially continues the provisions of the Tax Reduction Act of March 1975 into the first 6 months of 1976. This article discusses the effects of the new act and the change in the social security tax base on the spendable earnings series published by the Bureau of Labor Statistics, and presents the new formulas for use in calculating spendable earnings.<sup>1</sup>

The spendable earnings series are based on average earnings for all full-time and part-time production or nonsupervisory jobs in the private nonfarm sector of the U.S. economy. Two sets of spendable earnings data are derived based on the assumptions that the worker earned the gross average weekly earnings and that he or she was taxed at the rates applicable to (1) a worker with no dependents or (2) a married worker with three dependents who files a joint return.<sup>2</sup> The income tax liability is based on the standard deduction allowable under the income tax law. The social security tax rate (5.85 percent) is applied to gross average weekly earnings up to \$294.23 (\$271.15 in 1975) and results in a maximum weekly deduction of \$17.21 (\$15.86 in 1975).

The low-income allowance, the standard deduction, and the tax credit for personal exemptions (now the taxable income credit) from the Tax Reduction Act of 1975, have been increased by the December act. The low-income allowance, which is designed to remove poverty-level taxpayers from the tax rolls, is currently \$2,100 for taxpayers filing jointly and \$1,700 for single taxpayers. The standard deduction is 16 percent of adjusted gross income, not to exceed \$2,800 on a joint return or \$2,400 for single taxpayers.

Under the March 1975 act, low-income allowances for joint and single taxpayers were \$1,900 and \$1,600 respectively, and the maximum standard deductions for joint and single taxpayers were \$2,600 and \$2,300 respectively.

For 1976 there is a \$35 tax credit (taxable income credit) for each personal exemption claimed, changed

from only \$30 in 1975. Another change is that the taxpayer may take the greater of either the \$35 exemption or 2 percent of up to \$9,000 taxable income, for a maximum of \$180.

The earned income credit is still 10 percent of adjusted gross income for a low-income wage earner with at least one child. The credit reaches \$400 at the \$4,000 income level, and is decreased by 10 percent of adjusted gross income in excess of \$4,000 until it disappears at the \$8,000 income level.

As a result of the increased low-income allowance, the taxable income credit, and the earned income credit, a married worker with three dependents pays no Federal income tax, based on the January-June 1976 formulas, until the worker's income exceeds \$6,860 per year or the equivalent of \$131.92 per week.<sup>3</sup> A worker with no dependents, who is not entitled to claim the earned income credit, pays no income tax until the worker's income exceeds \$2,700 per year or \$51.92 per week.<sup>4</sup> Social security taxes are paid on all income up to the \$15,300 per year or \$294.23 per week maximum.

Table 1 indicates the changes in tax liability resulting from the revisions in the tax law calculated for the December 1975 levels of gross average weekly earnings. The tax liabilities derived by the 1976 formulas are compared with the results of the May-December 1975 formulas and the annual average 1975 formulas. A comparison with the May-December 1975 formulas shows a reduction in tax liability, for the period January-June 1976, for all the income levels shown for the worker with no dependents, and a slight increase in tax liability for most income levels of the worker with three dependents. In all cases the January-June 1976 tax liabilities will be lower than the liabilities for the full tax year 1975.

The reduction in tax liabilities from May-December 1975 to January-June 1976 for the worker with no dependents is primarily due to the introduction of the taxable income credit. Under this provision, a taxpayer can claim a tax credit of up to \$180 regardless of the

number of dependents. In the case of the worker with three dependents, the taxable income credit does not offset the loss in the maximum deductions; in the case of the worker with no dependents, the increase to the

maximum \$180 credit more than offsets the loss in maximum deductions.

The spendable average weekly earnings formulas for the years 1939-76 follow.

—FOOTNOTES—

\* Eric Dmytrow and Janet Grimes are economists in the Division of Industry Employment Statistics, Bureau of Labor Statistics.

<sup>1</sup> The formulas do not necessarily reflect the amount actually withheld from paychecks for income and social security tax payments.

<sup>2</sup> For a technical description of the calculation, uses, and limitations of the spendable earnings series, see Carol M. Utter, "The Spendable Earnings Series: A Technical Note on its Calculation," Employment and Earnings and Monthly Report on the Labor Force, February 1969, pp. 6-10; Paul M. Schwab, "Two Measures of Purchasing Power Contrasted," Monthly Labor Review, April 1971, pp. 3-14; Jack Alterman, "Compensation per Man-Hour and Take-Home Pay," Monthly Labor Review, June 1971, pp. 25-34; and John F. Early, "Factors Affecting Trends in Real Spendable Earnings," Monthly Labor Review, May 1973, pp. 16-19.

<sup>3</sup> The formula for estimating the weekly earned income credit (Q) is:

$$Q = 1/52 \{ \$400 - 0.1 (52X - \$4,000) \}$$

$$Q = \$15.38 - 0.1X$$

where

X = gross average weekly earnings

The formula for estimating the taxable income weekly credit (K) is:

$$K = (n \cdot \$35) / 52$$

where

n = number of exemptions

Adding the two new factors, Q and K, yields the following formula for income through the \$8,000 level:

$$X(0.9 - s - t) + t(X_0 + E) - C + \$15.38 + K$$

Under tax laws prior to 1975, the general formula was:

$$X(1 - s - t) + t(X_0 + E) - C$$

where

s = social security tax rate

t = maximum Federal income tax rate applicable to taxable income

$X_0$  = weekly earnings subject to Federal income tax at lower rates than t

E = total exemptions in dollars on a weekly basis

C = cumulation of tax paid on  $X_0$

The point at which income tax owed equals tax credits may be defined as follows:

$$T = 52(Q + K)$$

where T is the tax liability excluding social security, given by

$$T = t(Y - X_0 - E) + C$$

where Y = gross annual earnings

Then, substituting,

$$0.15(Y - \$1,000 - \$5,100) + \$140 = (\$800 - 0.1Y) + \$140$$

Solving this equation yields

$$Y = \$6,860$$

<sup>4</sup> The point at which income tax owed equals tax credits may be defined as follows (note there is no Q in this case):

$$T = 52K$$

$$\text{and } T = t(Y - X_0 - E) + C$$

where T, t, Y,  $X_0$ , E, C, and K are defined in the same way as in footnote 3.

Then

$$0.14(Y - \$2,450) = \$35$$

Solving the equation yields

$$Y = \$2,700$$

**Table 1. Changes in tax liabilities in the spendable average weekly earnings series for January-June 1976**

Industry	Gross average weekly earnings Dec. 1975	Workers with no dependents, change from			
		May-December 1975 formulas to January-June 1976 formulas		1975 annual formulas to January-June 1976 formulas	
		Actual	Percent	Actual	Percent
Trade .....	\$130.30	-\$0.60	-0.5	-\$1.50	-1.4
Services .....	142.13	-.83	-.7	-1.73	-1.5
Finance .....	153.97	-1.07	-.8	-1.97	-1.5
Total private .....	170.82	-1.44	-1.0	-2.36	-1.7
Manufacturing .....	204.00	-2.02	-1.2	-2.57	-1.6
Transportation and public utilities .....	246.58	-2.24	-1.1	-2.88	-1.5
Mining .....	264.69	-2.06	-1.0	-2.88	-1.4
Construction .....	275.62	-1.57	-.7	-2.62	-1.2
		Worker with 3 dependents, change from			
		May-December 1975 formulas to January-June 1976 formulas		1975 annual formulas to January-June 1976 formulas	
		Actual	Percent	Actual	Percent
Trade .....		0	0	-\$0.56	-0.5
Services .....		\$1.68	1.3	-1.00	-.8
Finance .....		1.13	.8	-1.01	-.7
Total private .....		1.17	.8	-1.03	-.7
Manufacturing .....		.62	.3	-1.11	-.6
Transportation and public utilities .....		.57	.3	-.84	-.4
Mining .....		.60	.3	-.99	-.4
Construction .....		.90	.4	-.88	-.4



**Spendable Average Weekly Earnings Formulas, 1939-76**

Period	Worker with no dependents		Married worker with 3 dependents	
	Gross average weekly earnings	Formula (X = gross average weekly earnings)	Gross average weekly earnings	Formula (X = gross average weekly earnings)
January 1939-December 1939 .....	\$0 - \$22.73 22.74 - 57.69	0.99X .95616X + \$0.77	\$0 - \$57.69	0.99X
January 1940-December 1940 .....	0 - 18.18 18.19 - 57.69	.99X .95278X + .68	0 - 57.69	.99X
January 1941-December 1941 .....	0 - 15.34 15.35 - 17.04 17.05 - 56.25	.99X .9336X + .87 .89976X + 1.44	0 - 47.05 47.06 - 52.28 52.29 - 57.69	.99X .9336X + \$2.65 .89976X + 4.42
January 1942-December 1942 .....	0 - 10.23 10.24 - 11.36 11.37 - 51.15 51.16 - 57.69	.99X .8678X + 1.25 .81704X + 1.83 .78884X + 3.27	0 - 38.87 38.88 - 43.19 43.20 - 57.69	.99X .8678X + 4.75 .81704X + 6.94
January 1943-December 1943 .....	0 - 10.23 10.24 - 11.36 11.37 - 12.76 12.77 - 51.15 51.16 - 57.69	.99X .8678X + 1.25 .81704X + 1.83 .78179X + 2.28 .75359X + 3.72	0 - 12.76 12.77 - 38.87 38.88 - 43.19 43.20 - 57.69	.99X .96368X + .34 .84148X + 5.09 .79072X + 7.28
January 1944-December 1945 .....	0 - 10.68 10.69 - 53.41 53.42 - 57.69 57.70 - 96.15	.99X .783X + 2.21 .765X + 3.17 .775X + 2.59	0 - 10.68 10.69 - 42.74 42.75 - 57.69 57.70 - 85.47	.99X .963X + .29 .783X + 7.98 .793X + 7.40
January 1946-December 1947 .....	0 - 10.68 10.69 - 53.41 53.42 - 57.69 57.70 - 96.15	.99X .819X + 1.83 .8019X + 2.74 .8119X + 2.16	0 - 42.74 42.75 - 57.69 57.70 - 85.47	.99X .819X + 7.31 .829X + 6.73
January 1948-December 1949 .....	0 - 12.82 12.83 - 55.56 55.57 - 57.69 57.70 - 98.29	.99X .8406X + 1.92 .81576X + 3.30 .82576X + 2.72	0 - 51.28 51.29 - 57.69 57.70 - 136.75	.99X .8406X + 7.66 .8506X + 7.08
January 1950-September 1950 .....	0 - 12.82 12.83 - 55.56 55.57 - 57.69 57.70 - 98.29	.985X .8356X + 1.92 .81076X + 3.30 .82576X + 2.43	0 - 51.28 51.29 - 57.69 57.70 - 136.75	.985X .8356X + 7.66 .8506X + 6.80
October 1950-December 1950 .....	0 - 12.82 12.83 - 55.56 55.57 - 57.69 57.70 - 98.29	.985X .805X + 2.31 .787X + 3.31 .802X + 2.44	0 - 51.28 51.29 - 57.69 57.70 - 136.75	.985X .805X + 9.23 .82X + 8.37
1950 annual average <sup>1</sup> .....	0 - 12.82 12.83 - 55.56 55.57 - 57.69 57.70 - 98.29	.985X .8284X + 2.01 .80482X + 3.32 .81982X + 2.45	0 - 51.28 51.29 - 57.69 57.70 - 136.75	.985X .8284X + 8.03 .8434X + 7.17
January 1951-October 1951 .....	0 - 12.82 12.83 - 55.56 55.57 - 69.23 69.24 - 98.29	.985X .805X + 2.31 .787X + 3.31 .802X + 2.27	0 - 51.28 51.29 - 69.23 69.24 - 136.75	.985X .805X + 9.23 .82X + 8.19
November 1951-December 1951 .....	0 - 12.82 12.83 - 55.56 55.57 - 69.23 69.24 - 98.29	.985X .7852X + 2.56 .7636X + 3.76 .7786X + 2.72	0 - 51.28 51.29 - 69.23 69.24 - 136.75	.985X .7852X + 10.25 .8002X + 9.21
1951 annual average <sup>1</sup> .....	0 - 12.82 12.83 - 55.56 55.57 - 69.23 69.24 - 98.29	.985X .8014X + 2.35 .7834X + 3.35 .7984X + 2.32	0 - 51.28 51.29 - 69.23 69.24 - 136.75	.985X .8014X + 9.42 .8164X + 8.38
January 1952-December 1953 .....	0 - 12.82 12.83 - 55.56 55.57 - 69.23 69.24 - 98.29	.985X .7852X + 2.56 .7636X + 3.76 .7786X + 2.72	0 - 51.28 51.29 - 69.23 69.24 - 136.75	.985X .7852X + 10.25 .8002X + 9.21
January 1954-December 1954 .....	0 - 12.82 12.83 - 55.56 55.57 - 69.23 69.24 - 98.29	.98X .80X + 2.31 .782X + 3.31 .802X + 1.92	0 - 51.28 51.29 - 69.23 69.24 - 136.75	.98X .80X + 9.23 .82X + 7.85
January 1955-December 1956 .....	0 - 12.82 12.83 - 55.56 55.57 - 80.77 80.78 - 98.29 98.30 - 141.03	.98X .80X + 2.31 .782X + 3.31 .802X + 1.69 .766X + 5.23	0 - 51.28 51.29 - 80.77 80.78 - 136.75	.98X .80X + 9.23 .82X + 7.62

See footnotes at end of table.

**Spendable Average Weekly Earnings Formulas, 1939-76-Continued**

Period	Worker with no dependents		Married worker with 3 dependents	
	Gross average weekly earnings	Formula (X = gross average weekly earnings)	Gross average weekly earnings	Formula (X = gross average weekly earnings)
January 1957-December 1958	0 - 12.82 12.83- 55.56 55.57- 80.77 80.78- 98.29 98.30-141.03	.9775X .7975X+ 2.31 .7795X+ 3.31 .802X+ 1.49 .766X+ 5.03	0 - 51.28 51.29- 80.77 80.78-136.75	.9775X .7975X+ 9.23 .82X+ 7.41
January 1959-December 1959	0 - 12.82 12.83- 55.56 55.57- 92.31 92.32- 98.29 98.30-141.03	.975X .795X+ 2.31 .777X+ 3.31 .802X+ 1.00 .766X+ 4.54	0 - 51.28 51.29- 92.31 92.32-136.75	.975X .795X+ 9.23 .82X+ 6.92
January 1960-December 1961	0 - 12.82 12.83- 55.56 55.57- 92.31 92.32- 98.29 98.30-141.03	.97X .79X+ 2.31 .772X+ 3.31 .802X+ .54 .766X+ 4.08	0 - 51.28 51.29- 92.31 92.32-136.75	.97X .79X+ 9.23 .82X+ 6.46
January 1962-December 1962	0 - 12.81 12.82- 55.56 55.47- 92.31 92.32- 98.29 98.30-141.03	.96875X .78875X+ 2.31 .77075X+ 3.31 .802X+ .42 .766X+ 3.96	0 - 51.28 51.29- 92.31 92.32-136.75	0.96875X .78875X+ 9.23 .82X+ 6.35
January 1963-December 1963	0 - 12.81 12.82- 55.56 55.57- 92.31 92.32- 98.29 98.30-141.03	.96375X .78375X+ 2.31 .76575X+ 3.31 .802X- .766X+ 3.50	0 - 51.28 51.29- 92.31 92.32-136.75	.96375X .78375X+ 9.23 .82X+ 5.88
January 1964-December 1964	0 - 17.31 17.32- 26.92 26.93- 36.54 36.55- 46.15 46.16- 55.77 55.78- 57.69 57.70- 92.31 92.32- 98.28 98.29-141.02 141.03-183.77	.96375X .80375X+ 2.77 .79875X+ 2.90 .78875X+ 3.27 .78375X+ 3.50 .76375X+ 4.62 .78375X+ 3.46 .82X+ .12 .7885X+ 3.21 .757X+ 7.65	0 - 57.69 57.70- 76.92 76.93- 92.31 92.32- 96.15 96.16-115.38 115.39-136.75 136.76-192.31	.96375X .80375X+ 9.23 .79875X+ 9.62 .835X+ 6.27 .825X+ 7.23 .838X+ 5.73 .82X+ 8.19
January 1965-December 1965	0 - 17.31 17.32- 26.92 26.93- 36.54 36.55- 46.15 46.16- 55.77 55.78- 57.69 57.70- 92.31 92.32- 98.28 98.29-141.02 141.03-183.77	.96375X .82375X+ 2.42 .81375X+ 2.69 .80375X+ 3.06 .79375X+ 3.52 .77375X+ 4.64 .79275X+ 3.54 .829X+ 0.19 .802X+ 2.84 .775X+ 6.65	0 - 57.69 57.70- 76.92 76.93- 92.31 92.32- 96.15 96.16-115.38 115.39-136.75 136.76-192.31	.96375X .82375X+ 8.08 .81375X+ 8.85 .85X+ 5.50 .84X+ 6.45 .847X+ 5.65 .829X+ 8.11
January-December 1966	0 - 17.31 17.32- 26.92 26.93- 36.54 36.55- 46.15 46.16- 55.77 55.78- 57.69 57.70- 98.28 98.29-126.92 126.93-141.02 141.03-183.77	.958X .818X+ 2.42 .808X+ 2.69 .798X+ 3.06 .788X+ 3.52 .768X+ 4.64 .787X+ 3.54 .76X+ 6.19 .802X+ .86 .775X+ 4.67	0 - 57.69 57.70- 76.92 76.93- 96.15 96.16-115.38 115.39-126.92 126.93-136.75 136.76-192.31	.958X .818X+ 8.08 .808X+ 8.85 .798X+ 9.80 .805X+ 9.00 .847X+ 3.67 .829X+ 6.13
January 1967-December 1967	0 - 17.31 17.32- 26.92 26.93- 36.54 36.55- 46.15 46.16- 55.77 55.78- 57.69 57.70- 98.28 98.29-126.92 126.93-141.02 141.03-183.77 183.78-192.31 192.32-223.07	.956X .816X+ 2.42 .806X+ 2.69 .796X+ 3.06 .786X+ 3.52 .766X+ 4.64 .785X+ 3.54 .758X+ 6.19 .802X+ .61 .775X+ 4.42 .748X+ 9.38 .720X+14.76	0 - 57.69 57.70- 76.92 76.93- 96.15 96.16-115.38 115.39-126.92 126.93-136.75 136.76-192.31 192.32-219.23	.956X .816X+ 8.08 .806X+ 8.85 .796X+ 9.80 .803X+ 9.00 .847X+ 3.42 .829X+ 5.88 .810X+ 9.54

See footnotes at end of table.

**Spendable Average Weekly Earnings Formulas, 1939-76-Continued**

Period	Worker with no dependents		Married worker with 3 dependents	
	Gross average weekly earnings	Formula (X = gross average weekly earnings)	Gross average weekly earnings	Formula (X = gross average weekly earnings)
January 1968-March 1968 .....	0 - 17.31 17.32- 26.92 26.93- 36.54 36.55- 46.15 46.16- 55.77 55.78- 57.69 57.70- 98.28 98.29-141.02 141.03-150.00 150.01-183.77 183.78-192.31 192.32-223.07 223.08-261.54	.956X .816X+ 2.42 .806X+ 2.69 .796X+ 3.06 .786X+ 3.52 .766X+ 4.64 .785X+ 3.54 .758X+ 6.19 .731X+10.00 .775X+ 3.40 .748X+ 8.36 .720X+13.74 .680X+22.67	0 - 57.69 57.70- 76.92 76.93- 96.15 96.16-115.38 115.39-136.75 136.76-150.00 150.01-192.31 192.32-219.23 219.24-296.15	.956X .816X+ 8.08 .806X+ 8.85 .796X+ 9.80 .803X+ 9.00 .785X+11.46 .829X+ 4.86 .810X+ 8.52 .780X+15.09
April 1968-December 1968 .....	0 - 17.31 17.32- 26.92 26.93- 36.54 36.55- 46.15 46.16- 53.56 53.57- 55.77 55.78- 57.69 57.70- 98.28 98.29-141.02 141.03-150.00 150.01-183.77 183.78-192.31 192.32-223.07 223.08-261.54	.956X .816X+ 2.42 .806X+ 2.69 .764X+ 4.23 .752X+ 4.78 .769X+ 3.87 .747X+ 5.10 .7679X+ 3.89 .7382X+ 6.81 .7085X+11.00 .7525X+ 4.40 .7228X+ 9.85 .692X+15.77 .648X+25.59	0 - 57.69 57.70- 76.92 76.93- 96.15 96.16-115.38 115.39-131.71 131.72-136.75 136.76-150.00 150.01-192.31 192.32-219.23 219.24-296.15	.956X .816X+ 8.08 .806X+ 8.85 .764X+12.89 .7724X+11.92 .7877X+ 9.90 .7679X+12.60 .8119X+ 6.00 .791X+10.02 .758X+17.26
1968 annual average <sup>1</sup> .....	0 - 17.31 17.32- 26.92 26.93- 36.54 36.55- 46.15 46.16- 53.56 53.57- 55.77 55.78- 57.69 57.70- 98.28 98.29-141.02 141.03-150.00 150.01-183.77 183.78-192.31 192.32-223.07 223.08-261.54	.956X .816X+ 2.42 .806X+ 2.69 .772X+ 3.94 .7605X+ 4.47 .7733X+ 3.78 .7518X+ 4.99 .7722X+ 3.81 .7432X+ 6.65 .7141X+10.75 .7581X+ 4.15 .7291X+ 9.49 .699X+15.27 .656X+24.87	0 - 57.69 57.70- 76.92 76.93- 96.15 96.16-115.38 115.39-131.71 131.72-136.75 136.76-150.00 150.01-192.31 192.32-219.23 219.24-296.15	.956X .816X+ 8.08 .806X+ 8.85 .772X+12.11 .780X+11.19 .7915X+ 9.68 .7722X+12.32 .8162X+ 5.72 .7958X+ 9.66 .7635X+16.72
January 1969-December 1969 .....	0 - 17.31 17.32- 26.92 26.93- 36.54 36.55- 46.15 46.16- 53.56 53.57- 55.77 55.78- 57.69 57.70- 98.28 98.29-141.02 141.03-150.00 150.01-183.77 183.78-192.31 192.32-223.07 223.08-261.54	.952X .812X+ 2.42 .802X+ 2.69 .760X+ 4.23 .748X+ 4.78 .765X+ 3.87 .743X+ 5.10 .7639X+ 3.89 .7342X+ 6.81 .7045X+11.00 .7525X+ 3.80 .7228X+ 9.26 .692X+15.17 .648X+25.00	0 - 57.69 57.70- 76.92 76.93- 96.15 96.16-115.38 115.39-131.71 131.72-136.75 136.76-150.00 150.01-192.31 192.32-219.23 219.24-296.15	.952X .812X+ 8.08 .802X+ 8.85 .760X+12.89 .7684X+11.92 .7837X+ 9.90 .7639X+12.61 .8119X+ 5.41 .791X+ 9.43 .758X+16.66
January 1970-December 1970 .....	0 - 33.17 33.18- 39.59 39.60- 46.00 46.01- 52.40 52.41- 57.31 57.32- 58.82 58.83- 62.88 62.89- 98.82 98.83-141.56 141.57-150.00 150.01-184.28 184.29-192.31 192.32-223.56 223.57-262.02	.952X .742X+ 6.97 .727X+ 7.56 .700X+ 8.80 .6842X+ 9.62 .6906X+ 9.26 .6599X+11.07 .7767X+ 3.72 .749X+ 6.46 .7214X+10.38 .7694X+ 3.18 .7417X+ 8.27 .713X+13.79 .672X+22.96	0 - 69.23 69.24- 82.06 82.07- 88.46 88.47- 98.08 98.09-115.38 115.39-117.50 117.51-133.85 133.86-138.87 138.88-150.00 150.01-192.31 192.32-221.15 221.16-298.08	.952X .742X+14.54 .727X+15.77 .802X+ 9.14 .784X+10.90 .801X+ 8.96 .7913X+10.08 .7952X+ 9.56 .7767X+12.12 .8247X+ 4.92 .8052X+ 8.67 .7745X+15.47

See footnotes at end of table.

**Spendable Average Weekly Earnings Formulas, 1939-76-Continued**

Period	Worker with no dependents		Married worker with 3 dependents	
	Gross average weekly earnings	Formula (X = gross average weekly earnings)	Gross average weekly earnings	Formula (X = gross average weekly earnings)
January 1971-December 1971 .....	0 - 33.17 33.18- 42.79 42.80- 52.40 52.41- 62.02 62.03- 71.63 71.64-110.10 110.11-148.56 148.57-150.00 150.01-155.33 155.34-191.75 191.76-221.88 221.89-234.13 234.14-272.60	.948X .808X+ 4.64 .798X+ 5.07 .788X+ 5.59 .778X+ 6.21 .758X+ 7.65 .738X+ 9.85 .708X+14.30 .76X+ 6.50 .7912X+ 1.66 .7825X+ 3.33 .75X+10.54 .73X+15.23	0 - 72.12 72.13- 91.35 91.36-110.58 110.59-129.81 129.82-149.04 149.05-150.00 150.01-155.33 155.34-221.89 221.90-234.62 234.63-311.54	.948X .808X+10.10 .798X+11.01 .788X+12.11 .778X+13.42 .758X+16.40 .81X+ 8.60 .8347X+ 4.76 .81X+10.24 .78X+17.28
January 1972-December 1972 .....	0 - 39.42 39.43- 49.04 49.05- 58.65 58.66- 68.27 68.28- 77.88 77.89-116.35 116.36-154.81 154.82-166.67 166.68-173.08 173.09-197.96 197.97-243.21 243.22-256.40 256.41-283.65	.948X .808X+ 5.52 .798X+ 6.01 .788X+ 6.59 .778X+ 7.28 .758X+ 8.84 .738X+11.16 .708X+15.80 .744X+ 9.80 .796X+ .80 .7875X+ 2.49 .7705X+ 6.63 .73X+17.01	0 - 82.69 82.70-101.92 101.93-121.15 121.16-140.38 140.39-159.62 159.63-166.67 166.68-173.01 173.02-248.87 248.88-256.40 256.41-326.92	.948X .808X+11.58 .798X+12.60 .788X+13.80 .778X+15.21 .758X+18.41 .7865X+13.66 .8385X+ 4.66 .813X+11.00 .78X+19.46
January 1973-December 1973 .....	0 - 39.42 39.43- 49.04 49.05- 58.65 58.66- 68.27 68.28- 77.88 77.89-116.35 116.36-154.81 154.82-166.67 166.68-197.96 197.97-207.69 207.70-243.21 243.22-256.40 256.41-283.65	.9415X .8015X+ 5.52 .7915X+ 6.01 .7815X+ 6.59 .7715X+ 7.28 .7515X+ 8.84 .7315X+11.16 .7015X+15.80 .7375X+ 9.80 .729X+11.49 .7875X- .66 .7705X+ 3.48 .73X+13.86	0 - 82.69 82.70-101.92 101.93-121.15 121.16-140.38 140.39-159.62 159.63-166.67 166.68-207.69 207.70-248.87 248.88-256.40 256.41-326.92	.9415X .8015X+11.58 .7915X+12.60 .7815X+13.80 .7715X+15.21 .7515X+18.41 .78X+13.66 .8385X+ 1.51 .813X+ 7.85 .78X+16.31
January 1974-December 1974 .....	0 - 39.42 39.43- 49.04 49.05- 58.65 58.66- 68.27 68.28- 77.88 77.89-116.35 116.36-154.81 154.82-166.67 166.68-197.96 197.97-243.21 243.22-253.85 253.86-256.40 256.41-283.65 283.66-322.12 322.13-360.58	.9415X .8015X+ 5.52 .7915X+ 6.01 .7815X+ 6.59 .7715X+ 7.28 .7515X+ 8.84 .7315X+11.16 .7015X+15.80 .7375X+ 9.80 .729X+11.49 .712X+15.63 .7705X+ .78 .73X+11.16 .71X+16.83 .69X+23.27	0 - 82.69 82.70-101.92 101.93-121.15 121.16-140.38 140.39-159.62 159.63-166.67 166.68-248.87 248.88-253.85 253.86-256.40 256.41-326.92 326.93-403.85	.9415X .8015X+11.58 .7915X+12.60 .7815X+13.80 .7715X+15.21 .7515X+18.41 .78X+13.66 .7545X+20.00 .813X+ 5.15 .78X+13.61 .75X+23.42
January 1975-April 1975 .....	0 - 39.42 39.43- 49.04 49.05- 58.65 58.66- 68.27 68.28- 77.88 77.89-116.35 116.36-154.81 154.82-166.67 166.68-197.96 197.97-243.21 243.22-256.40 256.41-271.15 271.16-283.65 283.66-322.12 322.13-360.58 360.59-399.04	.9415X .8015X+ 5.52 .7915X+ 6.01 .7815X+ 6.59 .7715X+ 7.28 .7515X+ 8.84 .7315X+11.16 .7015X+15.80 .7375X+ 9.80 .729X+11.49 .712X+15.63 .6715X+26.01 .73X+10.15 .71X+15.82 .69X+22.26 .66X+33.08	0 - 82.69 82.70-101.92 101.93-121.15 121.16-140.38 140.39-159.62 159.63-166.67 166.68-248.87 248.88-256.40 256.41-271.15 271.16-326.92 326.93-403.85	.9415X .8015X+11.58 .7915X+12.60 .7815X+13.80 .7715X+15.21 .7515X+18.41 .78X+13.66 .7545X+20.00 .7215X+28.46 .78X+12.60 .75X+22.41

See footnotes at end of table.

**Spendable Average Weekly Earnings Formulas, 1939-76-Continued**

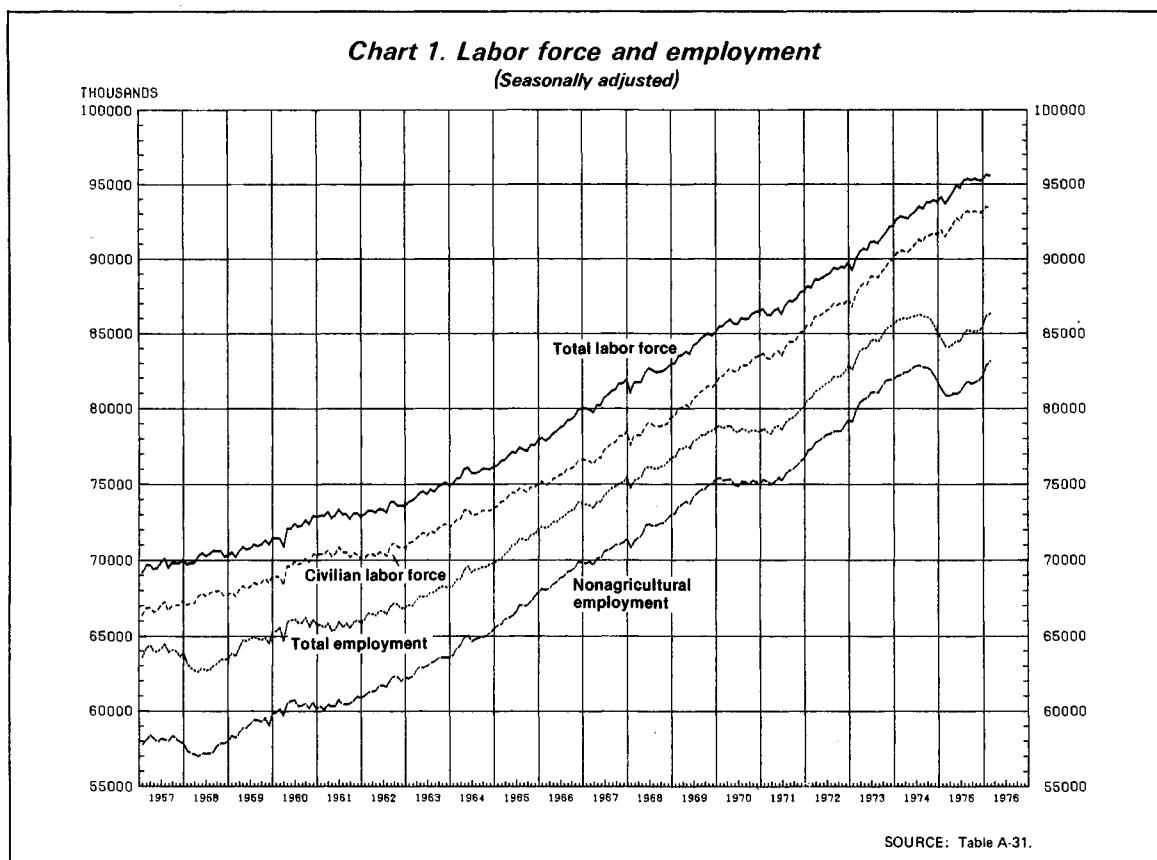
Period	Worker with no dependents		Married worker with 3 dependents	
	Gross average weekly earnings	Formula (X = gross average weekly earnings)	Gross average weekly earnings	Formula (X = gross average weekly earnings)
May 1975-December 1975 .....	0 - 54.52	.9415X	0 - 139.06	.9415X
	54.53- 54.81	.8065X+ 7.36	139.07-140.38	.6315X+43.11
	54.82- 58.65	.7915X+ 8.17	140.39-151.92	.6365X+42.41
	58.66- 64.42	.7965X+ 7.88	151.93-153.85	.6215X+44.70
	64.43- 68.27	.7815X+ 8.86	153.86-159.62	.7715X+21.63
	68.28- 74.04	.7865X+ 8.51	159.63-166.67	.7815X+20.03
	74.05- 77.88	.7715X+ 9.62	166.68-171.15	.7673X+22.41
	77.89- 83.65	.7815X+ 8.84	171.16-228.37	.7373X+27.54
	83.66-116.35	.7515X+11.35	228.38-248.87	.7829X+17.13
	116.36-122.12	.7615X+10.19	248.88-251.83	.7956X+13.96
	122.13-154.81	.7315X+13.85	251.84-256.40	.7578X+23.47
	154.82-160.58	.7465X+11.53	256.41-271.15	.7743X+19.24
	160.59-166.67	.7015X+18.76	271.16-312.50	.8328X+ 3.38
	166.68-192.31	.6835X+21.76	312.51-326.92	.78X+19.88
	192.32-197.96	.7411X+10.67	326.93-338.46	.795X+14.97
	197.97-200.32	.7454X+ 9.83	338.47-403.85	.75X+30.21
	200.33-243.21	.7328X+12.36	403.86-415.38	.765X+24.15
	243.22-246.11	.7413X+10.29		
	246.12-256.40	.7161X+16.50		
	256.41-271.15	.7363X+11.31		
	271.16-276.44	.7948X- 4.55		
	276.45-283.65	.73X+13.36		
	283.66-289.42	.74X+10.53		
	289.43-322.12	.71X+19.20		
	322.13-327.88	.72X+15.98		
	327.89-360.58	.69X+25.82		
	360.59-366.35	.705X+20.41		
	366.36-399.04	.66X+36.91		
	399.05-404.81	.67X+32.92		
1975 annual average <sup>1</sup> .....	0 - 49.31	.9415X	0 - 128.08	.9415X
	49.32- 54.81	.8015X+ 6.91	128.09-132.69	.6915X+32.02
	54.82- 64.42	.7915X+ 7.45	132.70-151.92	.6815X+33.34
	64.43- 74.04	.7815X+ 8.10	151.93-153.85	.6715X+34.87
	74.05- 83.65	.7715X+ 8.84	153.86-171.15	.7715X+19.49
	83.66-122.12	.7515X+10.51	171.16-228.37	.7515X+22.91
	122.13-160.58	.7315X+12.95	228.38-251.83	.7819X+15.97
	160.59-192.31	.7015X+17.77	251.84-271.15	.7567X+22.31
	192.32-200.32	.7399X+10.38	271.16-312.50	.8152X+ 6.45
	200.33-246.11	.7315X+12.07	312.51-338.46	.78X+17.45
	246.12-271.15	.7147X+16.21	338.47-415.38	.75X+27.61
	271.16-276.44	.7732X+ .35		
	276.45-289.42	.73X+12.29		
	289.43-327.88	.71X+18.07		
	327.89-366.35	.69X+24.63		
	366.36-404.81	.66X+35.63		
January 1976-June 1976 .....	0 - 51.92	.9415X	0 - 131.92	.9415X
	51.93- 56.73	.8015X+ 7.27	131.93-136.54	.6915X+32.98
	56.74- 66.35	.7915X+ 7.83	136.55-153.85	.6815X+34.34
	66.36- 75.96	.7815X+ 8.50	153.86-155.77	.7815X+18.96
	75.97- 80.77	.7715X+ 9.25	155.78-175.00	.7715X+20.52
	80.78- 85.58	.7915X+ 7.64	175.01-232.69	.7515X+24.02
	85.59-124.04	.7715X+ 9.36	232.70-251.92	.7715X+19.37
	124.05-162.50	.7515X+11.84	251.93-252.40	.7415X+26.92
	162.51-200.96	.7215X+16.71	252.41-274.73	.7735X+18.85
	200.97-204.33	.7115X+18.72	274.74-294.23	.7567X+23.46
	204.34-223.21	.7483X+11.20	294.24-336.54	.8152X+ 6.25
	223.22-246.11	.7315X+14.95	336.55-342.31	.78X+18.10
	246.12-288.46	.7147X+19.09	342.32-419.23	.75X+28.37
	288.47-291.35	.6715X+31.55	419.24-496.15	.72X+40.94
	291.36-294.23	.6515X+37.37	496.16-573.08	.68X+60.79
	294.24-329.81	.71X+20.16	573.09-650.00	.64X+83.71
	329.82-368.27	.69X+26.76	650.01-726.92	.61X+103.21
	368.28-406.73	.66X+37.81		
	406.74-445.19	.64X+45.94		

<sup>1</sup>Formulas for computing annual averages take into account the changes during the year in income tax rates.

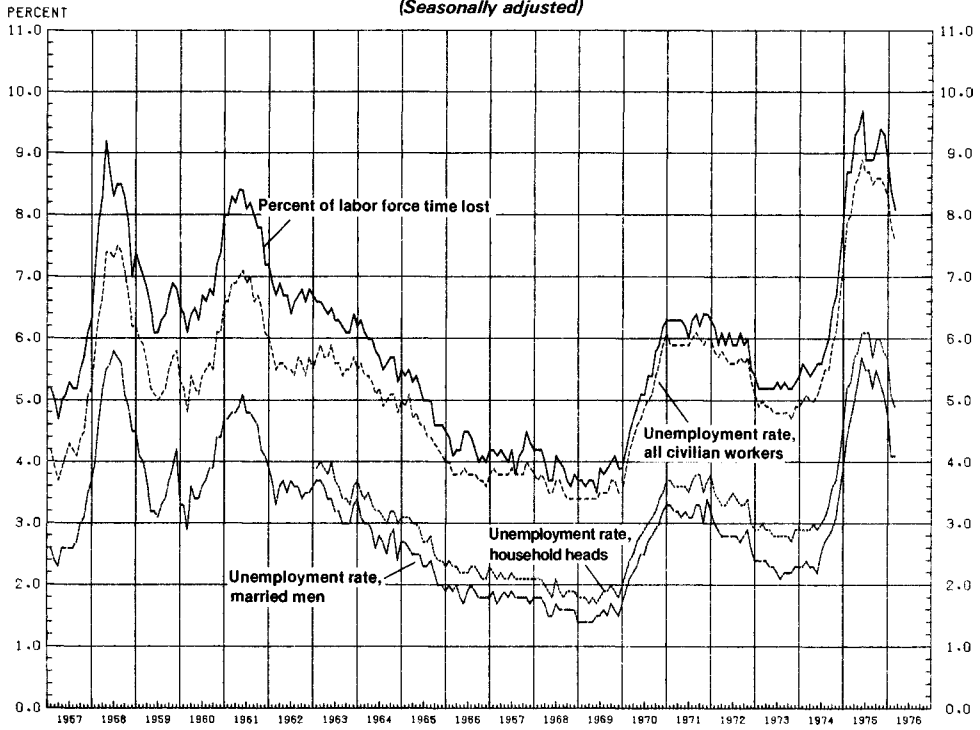
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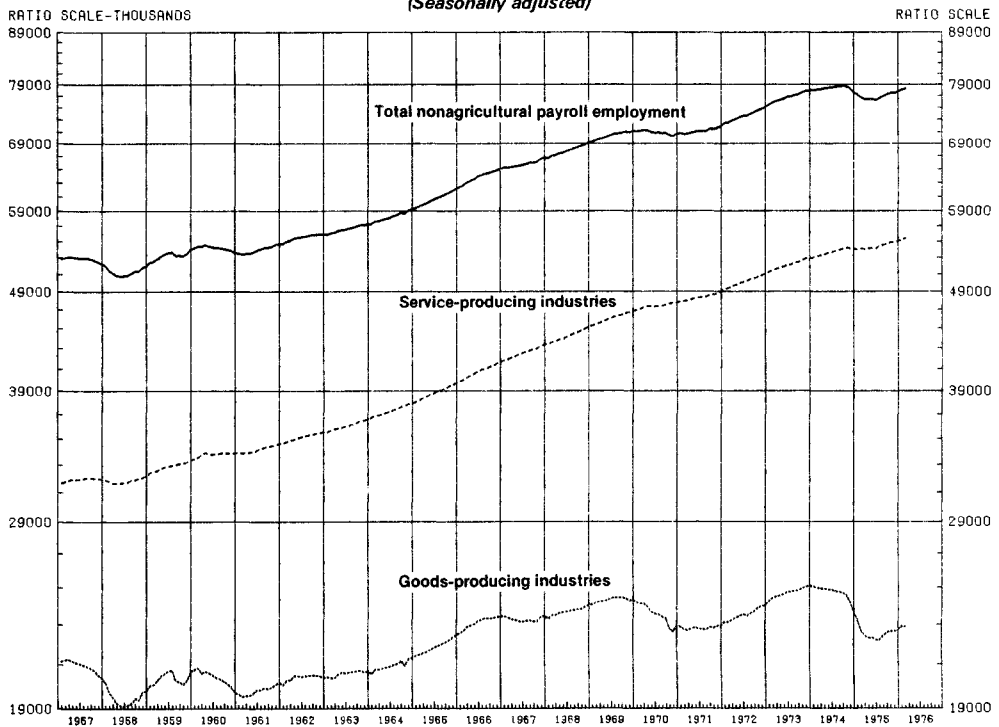


**Chart 2. Major unemployment indicators**  
(Seasonally adjusted)



SOURCE: Table A 34.

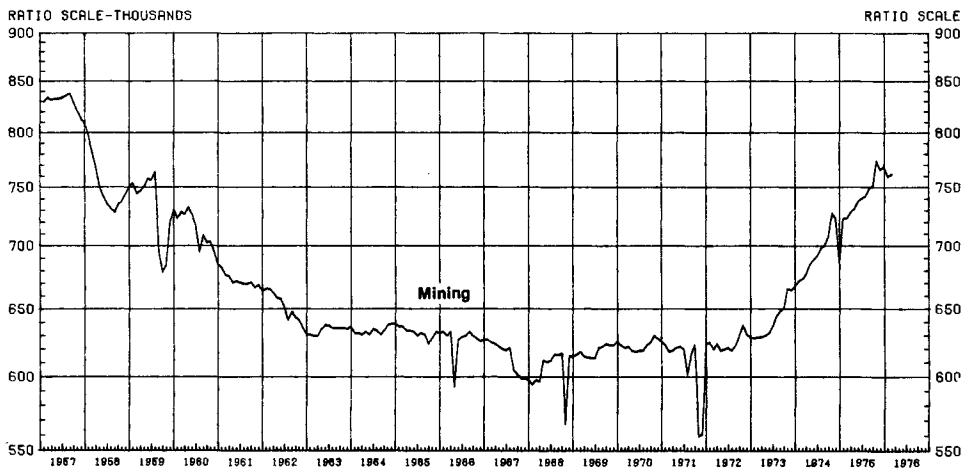
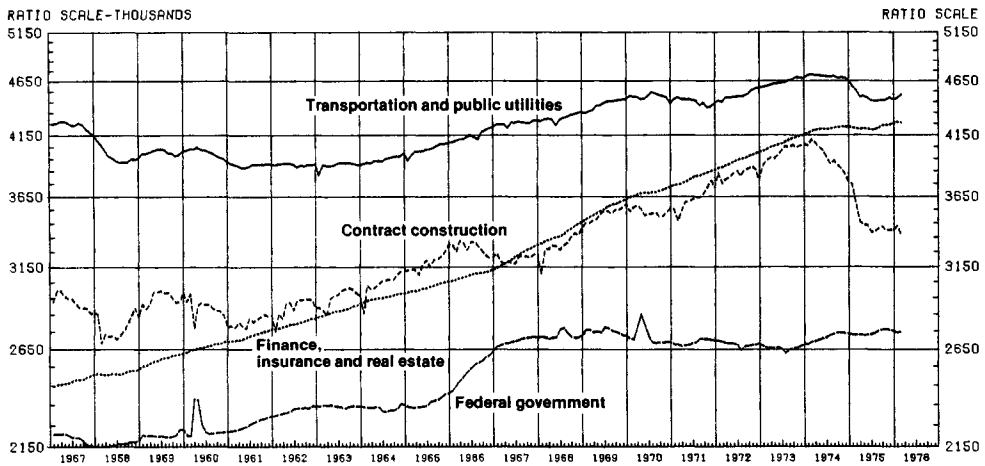
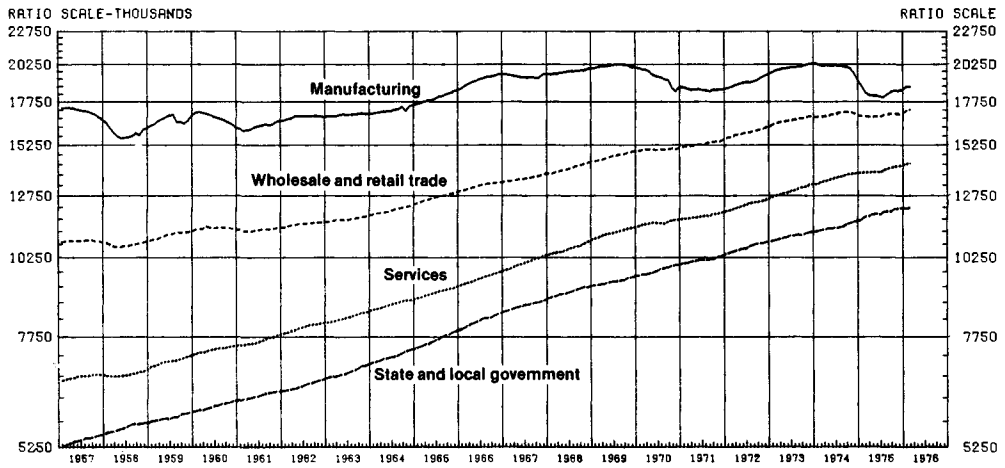
**Chart 3. Payroll employment in goods- and service-producing industries**  
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

**Chart 4. Nonagricultural payroll employment by industry**  
(Seasonally adjusted)

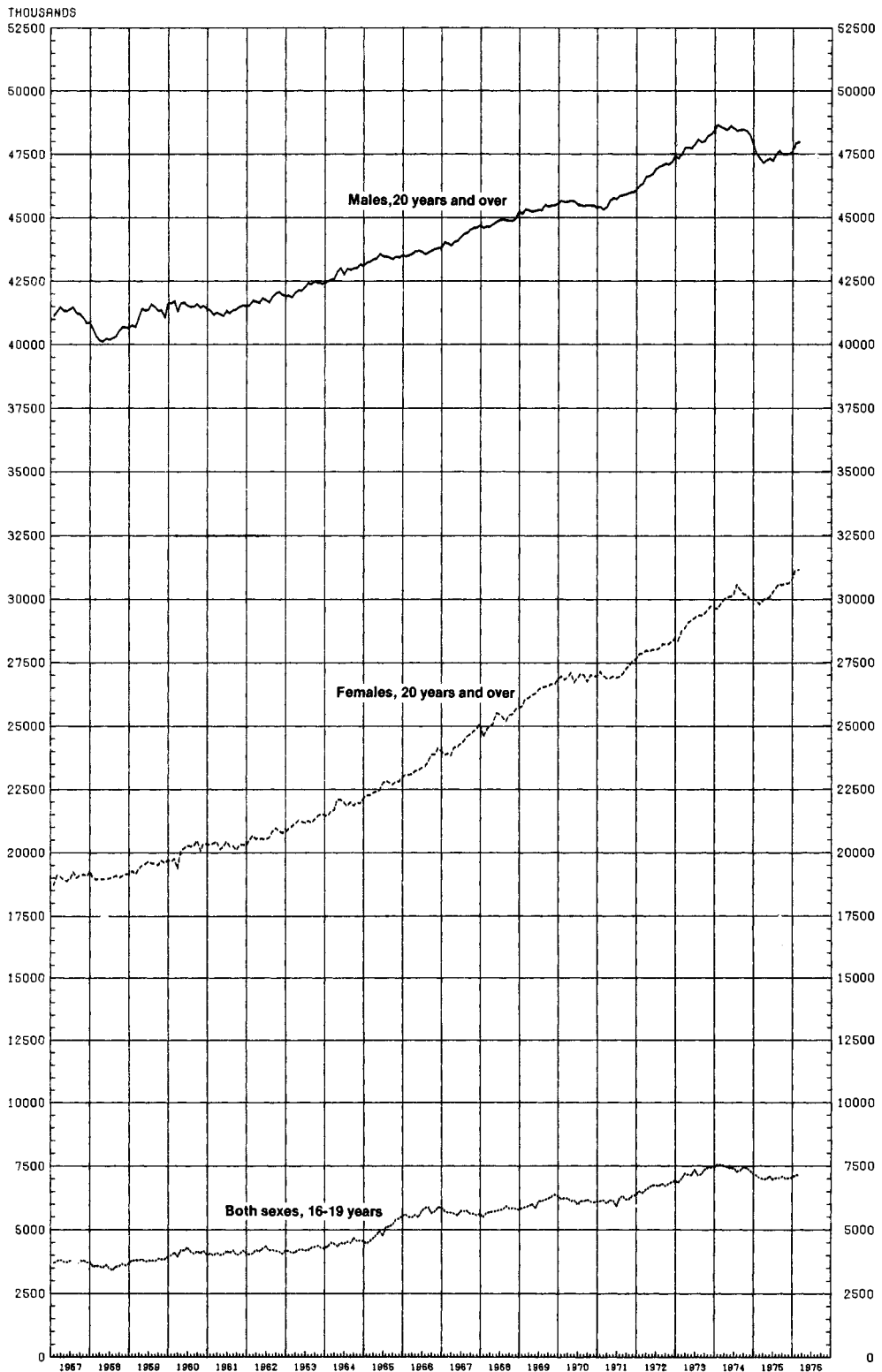


NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

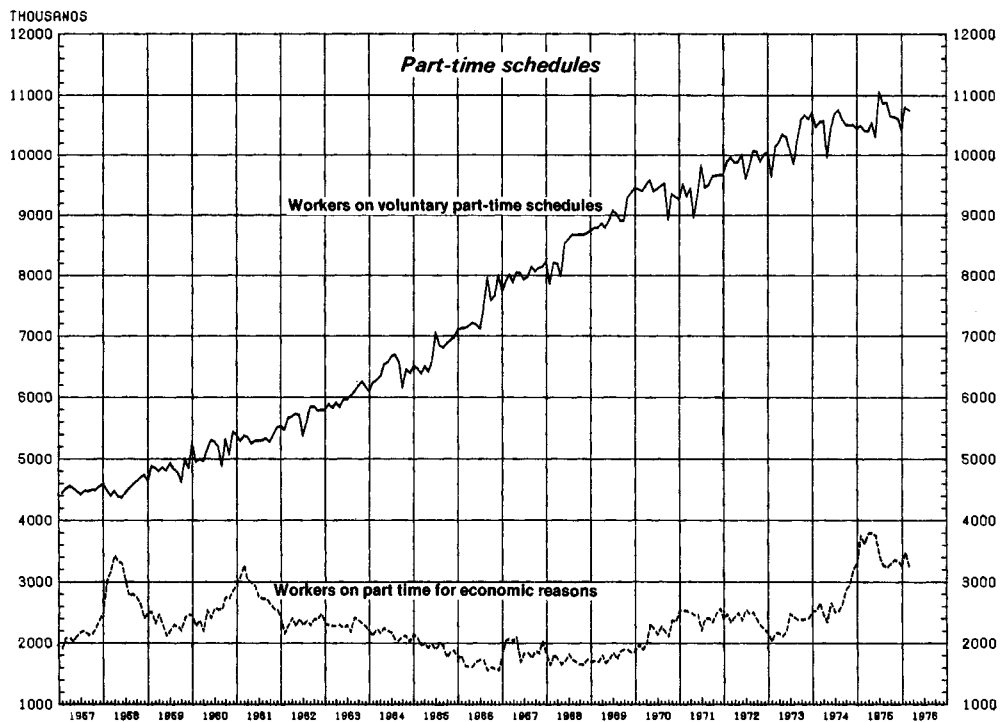
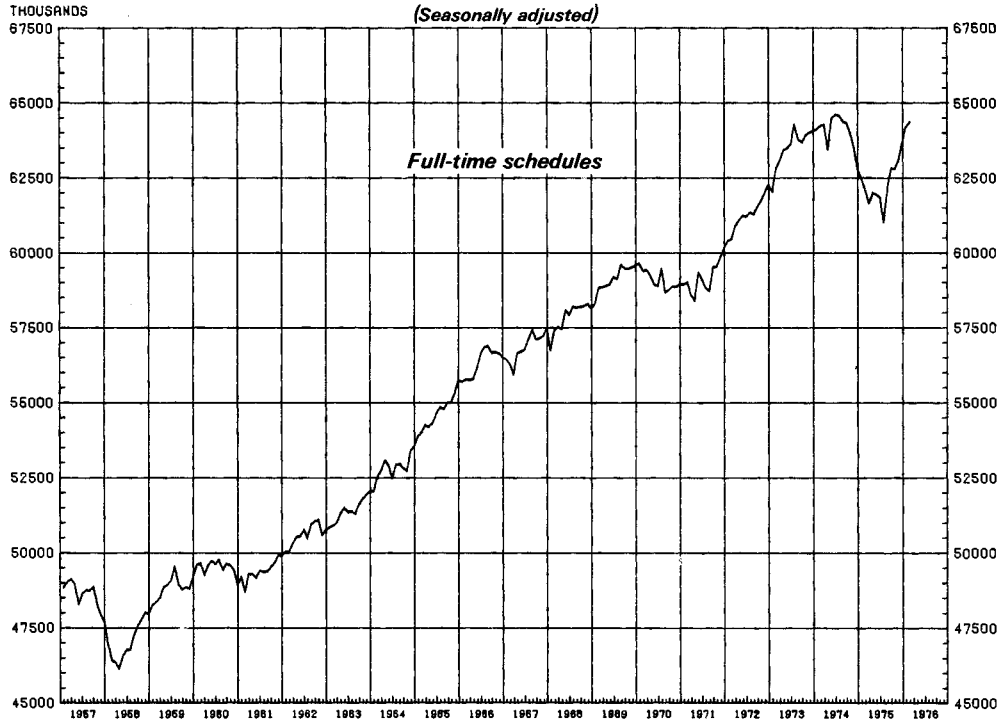


**Chart 5. Total employment by age and sex**  
*(Seasonally adjusted)*



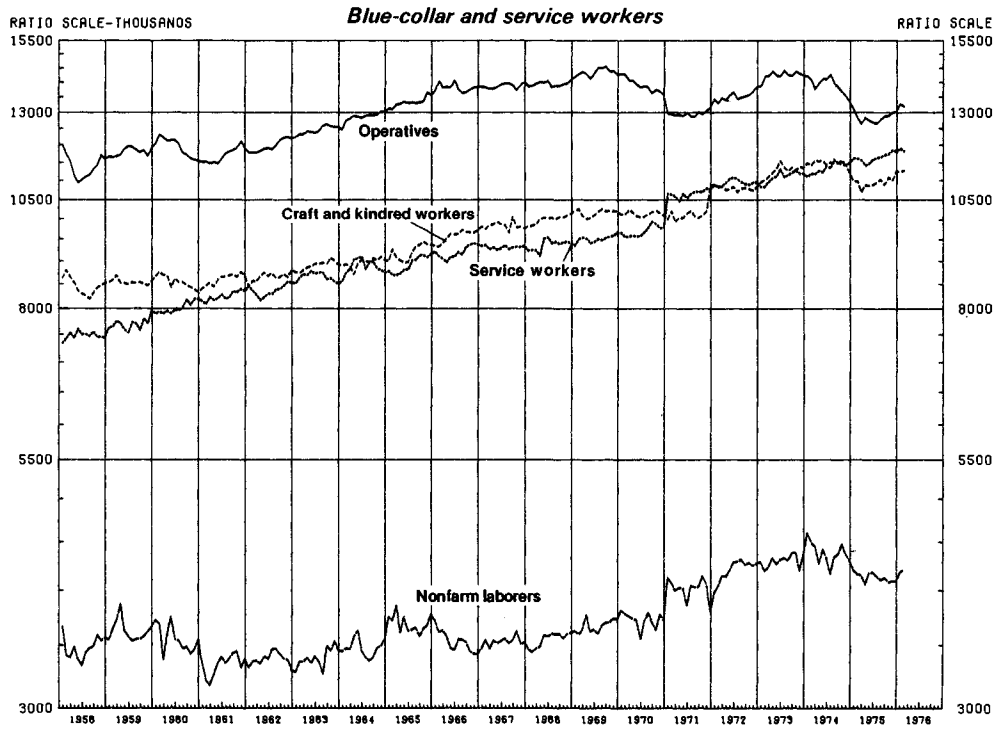
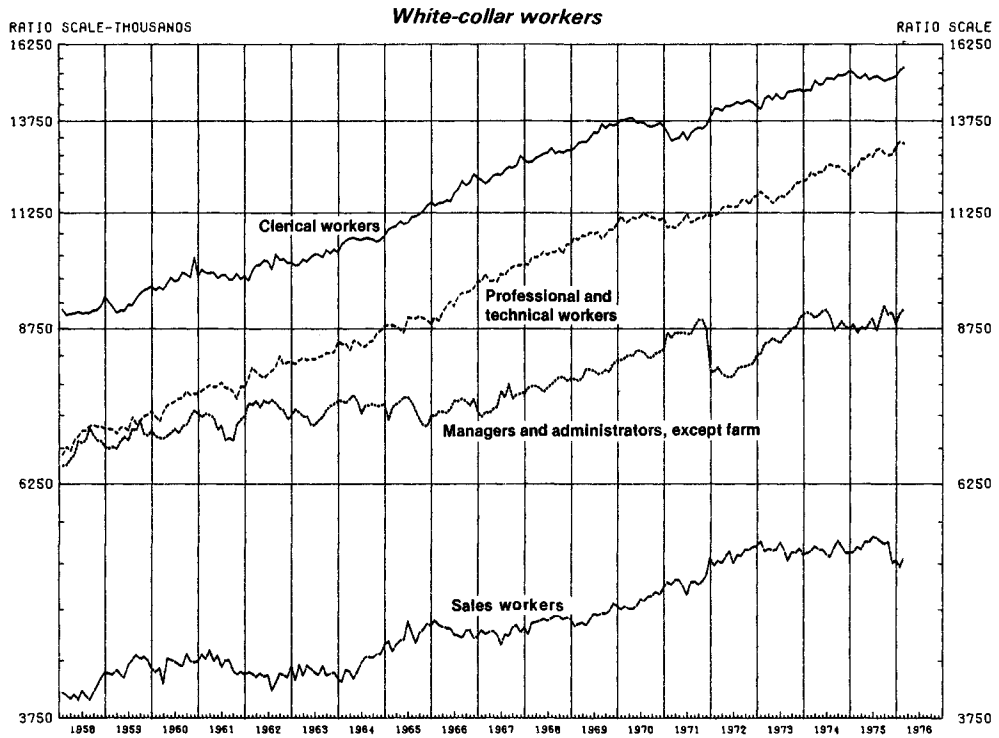
SOURCE: Table A-31.

**Chart 6. Persons at work full and part time  
in nonagricultural industries**



SOURCE: Table A-39.

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

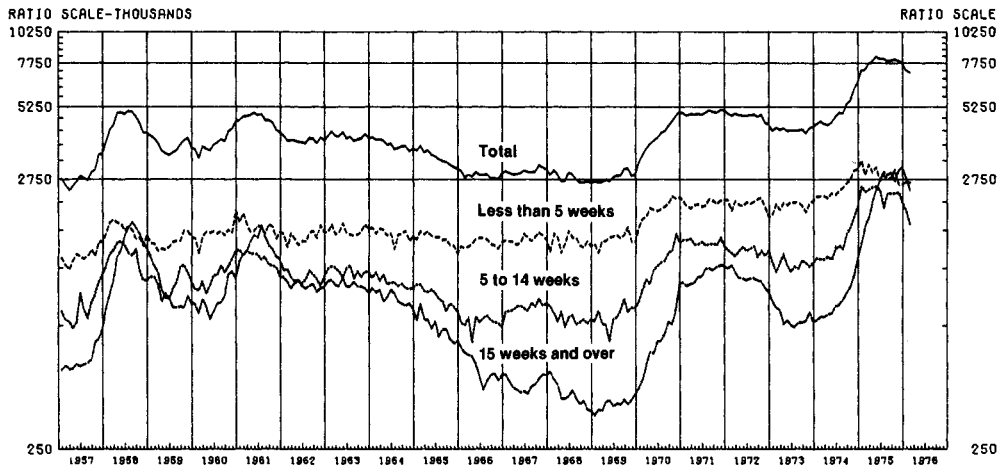


NOTE: Two breaks in series occurred in 1971 stemming from the reclassification of occupations introduced in January and from a questionnaire change concerning "major activity" introduced in December. See "Changes in occupational classification system" in the Explanatory Notes.

SOURCE: Table A-39.

**Chart 8. Duration of unemployment**  
(Seasonally adjusted)

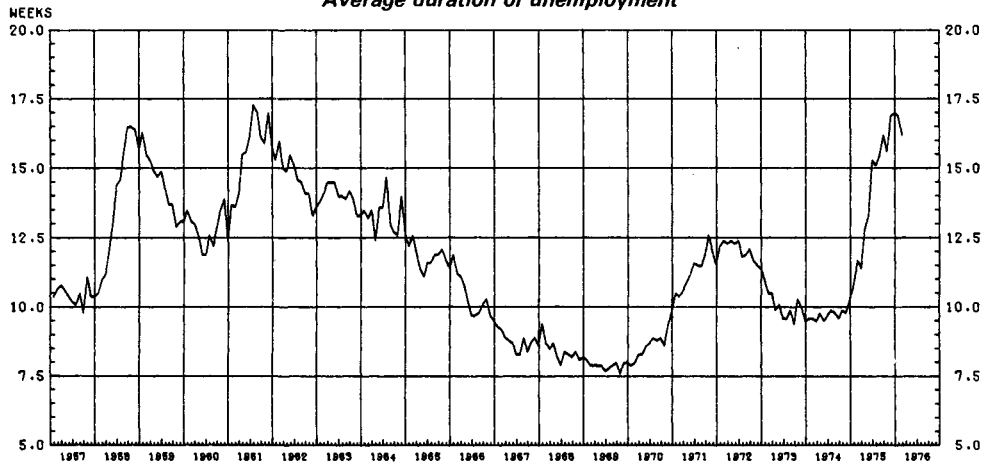
**Number of workers unemployed**



**Percent of civilian labor force**

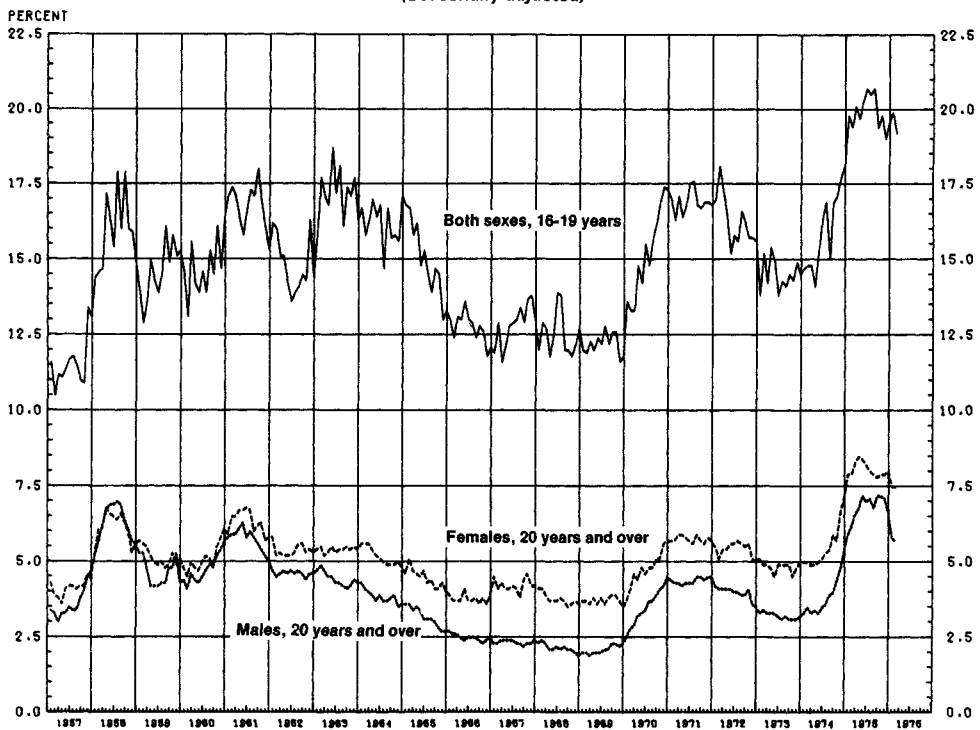


**Average duration of unemployment**



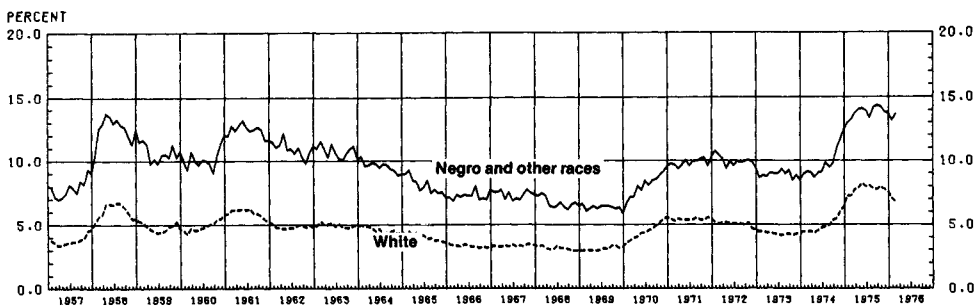
SOURCE: Table A-35.

**Chart 9. Unemployment rates by age and sex**  
(Seasonally adjusted)

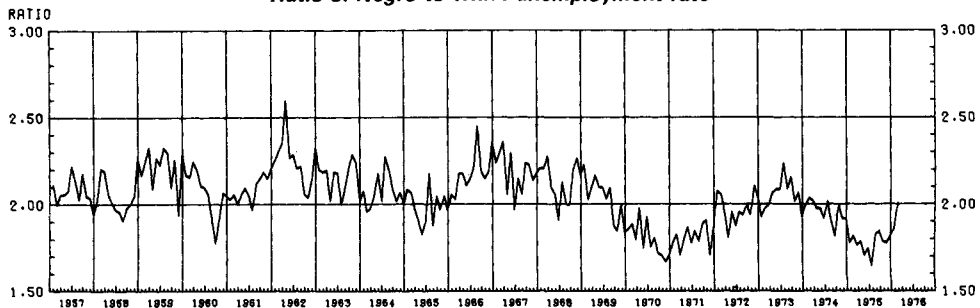


SOURCE: Table A-34.

**Chart 10. Unemployment rates by color**  
(Seasonally adjusted)

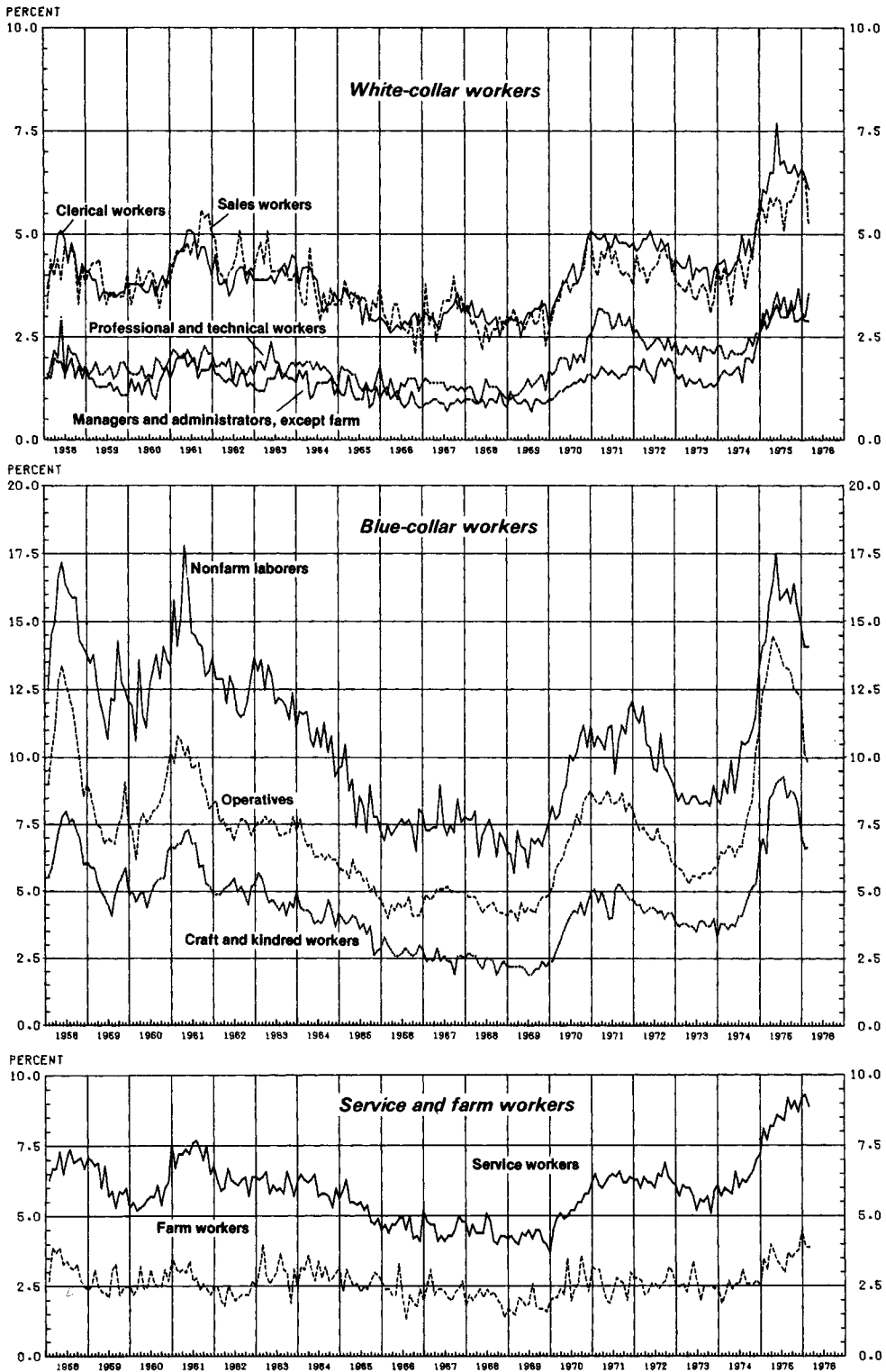


**Ratio of Negro-to-white unemployment rate**



SOURCE: Table A-33.

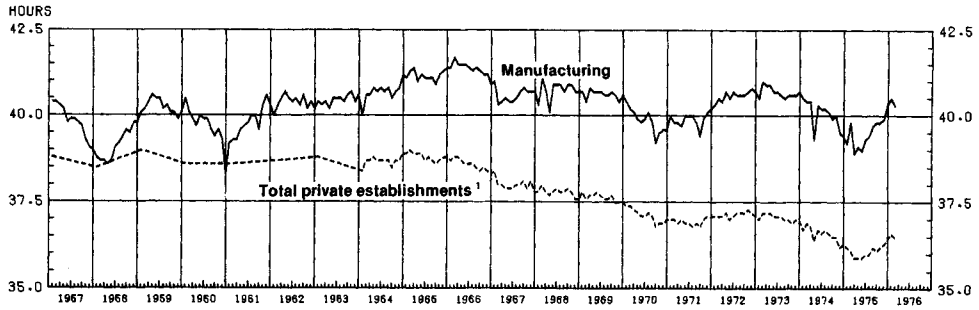
**Chart 11. Unemployment rates by major occupational groups**  
(Seasonally adjusted)



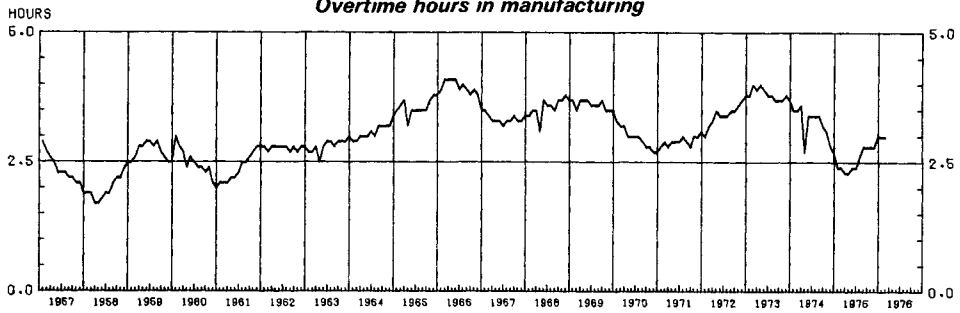
SOURCE: Table A-34.

**Chart 12. Average weekly hours in nonagricultural industries**

*(Seasonally adjusted)*



**Overtime hours in manufacturing**



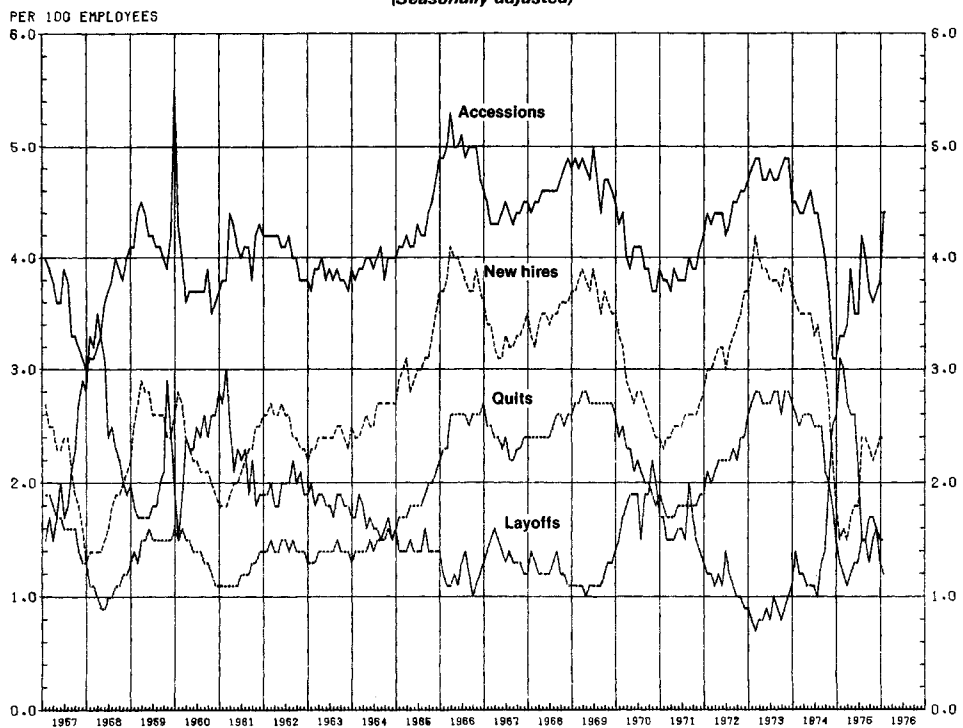
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

**Chart 13. Labor turnover rates in manufacturing**

*(Seasonally adjusted)*

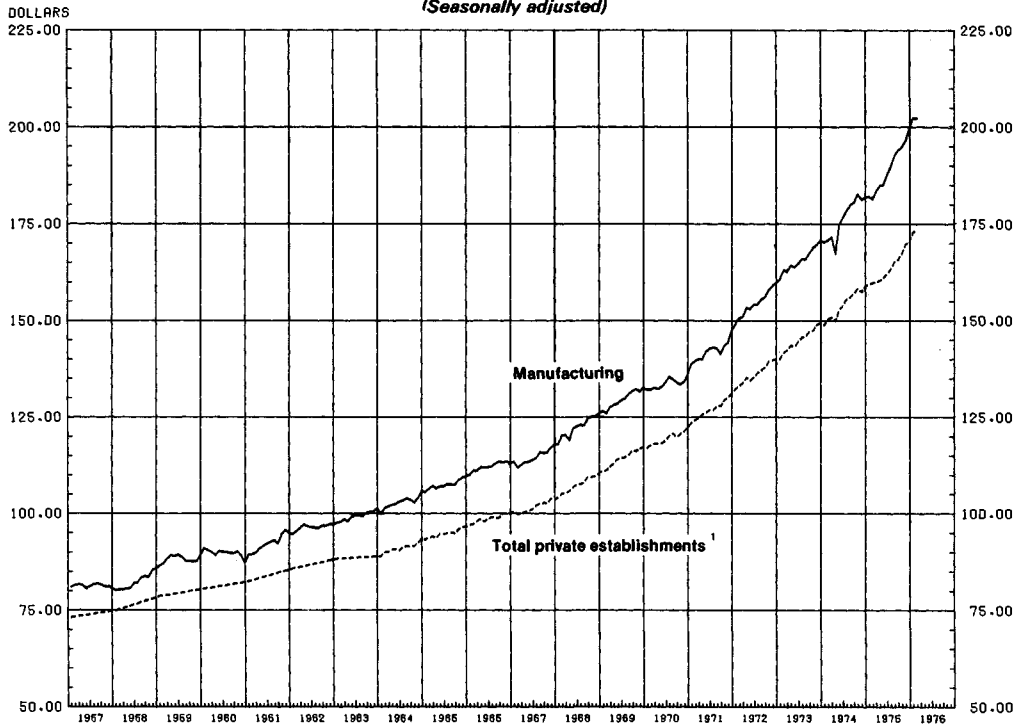


NOTE: Data for current month are preliminary.

SOURCE: Table D-3.

**Chart 14. Average weekly earnings in nonagricultural industries**

*(Seasonally adjusted)*



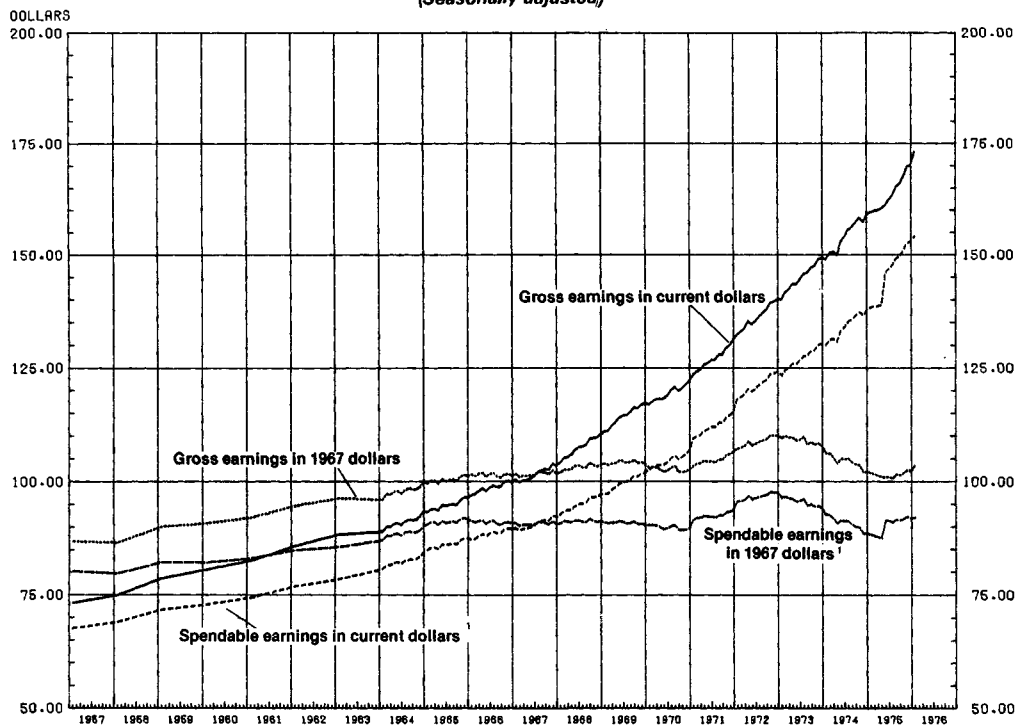
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Tables C-7 and C-8.

**Chart 15. Total private gross and spendable weekly earnings**

*(Seasonally adjusted)*



<sup>1</sup> Worker with three dependents.

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

SOURCE: Table C-8.



## 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		
									Not seasonally adjusted	Seasonally adjusted	
Persons 14 years of age and over											
1929.....	(1)	49,440	(1)	49,180	47,630	10,450	37,180	1,550	3.2	-	(1)
1930.....	(1)	50,080	(1)	49,820	45,480	10,340	35,140	4,340	8.7	-	(1)
1931.....	(1)	50,680	(1)	50,420	42,400	10,290	32,110	8,020	15.9	-	(1)
1932.....	(1)	51,250	(1)	51,000	38,940	10,170	28,770	12,060	23.6	-	(1)
1933.....	(1)	51,840	(1)	51,590	38,760	10,090	28,670	12,830	24.9	-	(1)
1934.....	(1)	52,490	(1)	52,230	40,890	9,900	30,990	11,340	21.7	-	(1)
1935.....	(1)	53,140	(1)	52,870	42,260	10,110	32,150	10,610	20.1	-	(1)
1936.....	(1)	53,740	(1)	53,440	44,410	10,000	34,410	9,030	16.9	-	(1)
1937.....	(1)	54,320	(1)	54,000	46,300	9,820	36,480	7,700	14.3	-	(1)
1938.....	(1)	54,950	(1)	54,610	44,220	9,690	34,530	10,390	19.0	-	(1)
1939.....	(1)	55,600	(1)	55,230	45,750	9,610	36,140	9,480	17.2	-	(1)
1940.....	100,380	56,180	56.0	55,640	47,520	9,540	37,980	8,120	14.6	-	44,200
1941.....	101,520	57,530	56.7	55,910	50,350	9,100	41,250	5,560	9.9	-	43,990
1942.....	102,610	60,380	58.8	56,410	53,750	9,250	44,500	2,660	4.7	-	42,230
1943.....	103,660	64,560	62.3	55,540	54,470	9,080	45,390	1,070	1.9	-	39,100
1944.....	104,630	66,040	63.1	54,630	53,960	8,950	45,010	670	1.2	-	38,590
1945.....	105,530	65,300	61.9	53,860	52,820	8,580	44,240	1,040	1.9	-	40,230
1946.....	106,520	60,970	57.2	57,520	55,250	8,320	46,930	2,270	3.9	-	45,550
1947.....	107,608	61,758	57.4	60,168	57,812	8,256	49,557	2,356	3.9	-	45,850
Persons 16 years of age and over											
1947.....	103,418	60,941	58.9	59,350	57,038	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 <sup>2</sup> .....	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 <sup>2</sup> .....	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 <sup>2</sup> .....	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	-	50,558
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 <sup>2</sup> .....	145,775	88,991	61.0	86,542	81,702	3,472	78,230	4,840	5.6	-	56,785
1973 <sup>2</sup> .....	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	85,936	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
November.....	154,476	94,943	61.5	92,787	85,556	3,156	82,400	7,231	7.8	8.5	59,533
December.....	154,700	94,888	61.3	92,731	85,536	2,856	82,680	7,195	7.8	8.3	59,812
1976: January.....	154,915	94,805	61.2	92,665	84,491	2,853	81,638	8,174	6.8	7.8	60,110
February.....	155,106	94,944	61.2	92,798	84,764	2,802	81,963	8,033	8.7	7.6	60,163

<sup>1</sup> Not available.<sup>2</sup> 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.

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	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force		
		Not seasonally adjusted	Seasonally adjusted								
<b>MALES</b>											
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 <sup>1</sup> .....	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	5.3	-	8,907
1960.....	58,144	48,870	84.0	46,388	43,904	4,472	39,431	2,486	5.4	-	9,274
1961.....	58,826	49,193	83.6	46,653	43,656	4,298	39,359	2,997	6.4	-	9,633
1962.....	59,626	49,395	82.8	46,600	44,177	4,069	40,108	2,423	5.2	-	10,231
1963.....	60,627	49,835	82.2	47,129	44,657	3,809	40,849	2,472	5.2	-	10,792
1964.....	61,556	50,387	81.9	47,679	45,474	3,691	41,782	2,205	4.6	-	11,169
1965.....	62,473	50,946	81.5	48,255	46,340	3,547	42,792	1,914	4.0	-	11,527
1966.....	63,351	51,560	81.4	48,471	46,919	3,243	43,675	1,551	3.2	-	11,792
1967.....	64,316	52,398	81.5	48,987	47,479	3,164	44,315	1,508	3.1	-	11,919
1968.....	65,345	53,030	81.2	49,533	48,114	3,157	44,957	1,419	2.9	-	12,315
1969.....	66,365	53,688	80.9	50,221	48,818	2,963	45,855	1,403	2.8	-	12,677
1970.....	67,409	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 <sup>1</sup> .....	69,864	55,671	79.7	53,265	50,630	2,839	47,791	2,635	4.9	-	14,193
1973.....	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: February.....	74,288	57,207	77.0	55,161	50,551	2,434	48,118	4,610	8.4	6.9	17,080
<b>FEMALES</b>											
1947.....	52,450	16,683	31.8	16,664	16,045	1,248	14,797	619	3.7	-	35,767
1948.....	53,088	17,351	32.7	17,335	16,617	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 <sup>1</sup> .....	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.....	61,615	23,272	37.8	23,240	21,874	986	20,887	1,366	5.9	-	38,343
1961.....	62,517	23,838	38.1	23,806	22,090	902	21,187	1,717	7.2	-	38,679
1962.....	63,355	24,047	38.0	24,014	22,525	875	21,651	1,488	6.2	-	39,308
1963.....	64,527	24,736	38.3	24,704	23,105	878	22,227	1,598	6.5	-	39,791
1964.....	65,668	25,443	38.7	25,412	23,811	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 <sup>1</sup> .....	75,911	33,320	43.9	33,277	31,072	633	30,439	2,205	6.6	-	42,591
1973 <sup>1</sup> .....	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: February.....	80,819	37,737	46.7	37,637	34,213	368	33,845	3,424	9.1	8.7	43,082

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

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

(Numbers in thousands)

Sex, age, and color	February 1976										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>MALES</b>											
16 years and over .....	57,207	77.0	55,161	50,551	4,610	8.4	17,080	285	5,102	1,835	9,858
16 to 21 years .....	7,906	62.9	7,170	5,736	1,434	20.0	4,662	22	4,200	41	399
16 to 19 years .....	4,669	55.1	4,311	3,370	941	21.8	3,798	17	3,482	26	274
16 to 17 years .....	1,761	41.6	1,732	1,306	425	24.6	2,471	12	2,323	5	131
18 to 19 years .....	2,907	68.7	2,579	2,063	516	20.0	1,327	5	1,158	20	143
20 to 64 years .....	50,743	89.1	49,054	45,507	3,548	7.2	6,183	136	1,616	1,314	3,116
20 to 24 years .....	8,130	84.0	7,374	6,302	1,071	14.5	1,546	16	1,219	40	270
25 to 54 years .....	35,721	94.1	34,780	32,681	2,109	6.1	2,221	67	387	725	1,042
25 to 29 years .....	8,089	94.2	7,719	7,055	663	8.6	494	18	264	59	153
30 to 34 years .....	6,644	96.1	6,414	5,994	420	6.5	270	11	67	68	125
35 to 39 years .....	5,468	95.9	5,267	4,971	296	5.6	232	7	23	93	109
40 to 44 years .....	5,147	95.2	5,055	4,805	251	5.0	260	1	17	102	140
45 to 49 years .....	5,263	93.3	5,234	4,982	252	4.8	376	17	10	160	160
50 to 54 years .....	5,109	89.7	5,102	4,875	227	4.5	589	14	8	242	325
55 to 64 years .....	6,891	74.1	6,890	6,523	367	5.3	2,415	52	10	549	1,804
55 to 59 years .....	4,205	83.7	4,204	3,996	208	4.9	821	18	5	284	514
60 to 64 years .....	2,686	62.8	2,686	2,527	159	5.9	1,594	34	5	265	1,290
65 years and over .....	1,796	20.2	1,796	1,675	121	6.7	7,100	132	4	496	6,469
65 to 69 years .....	1,038	29.3	1,038	948	90	8.6	2,505	24	4	174	2,302
70 years and over .....	759	14.2	759	727	32	4.2	4,596	108	--	321	4,167
<b>White</b>											
16 years and over .....	51,195	77.9	49,487	45,721	3,766	7.6	14,558	230	4,195	1,439	8,693
16 to 21 years .....	6,979	64.9	6,372	5,194	1,179	18.5	3,771	19	3,440	27	284
16 to 19 years .....	4,176	57.9	3,876	3,095	781	20.2	3,043	13	2,808	17	204
16 to 17 years .....	1,619	45.1	1,593	1,221	372	23.3	1,973	9	1,854	4	106
18 to 19 years .....	2,557	70.5	2,283	1,874	410	17.9	1,069	4	954	13	98
20 to 64 years .....	45,380	89.9	43,974	41,091	2,883	6.6	5,118	100	1,383	1,020	2,615
20 to 24 years .....	7,103	84.7	6,490	5,627	864	13.3	1,286	14	1,062	27	183
25 to 54 years .....	31,934	94.8	31,141	29,457	1,683	5.4	1,741	49	311	555	846
25 to 29 years .....	13,104	95.6	12,594	11,722	872	6.9	598	19	262	92	224
30 to 34 years .....	9,436	96.0	9,186	8,763	423	4.6	392	5	36	151	201
35 to 44 years .....	9,394	92.6	9,361	8,972	389	4.2	751	25	13	293	421
55 to 64 years .....	6,344	75.2	6,343	6,007	336	5.3	2,090	38	9	458	1,586
55 to 59 years .....	3,873	85.1	3,872	3,681	191	4.9	680	13	4	229	435
60 to 64 years .....	2,471	63.7	2,471	2,326	145	5.9	1,410	25	5	229	1,151
65 years and over .....	1,638	20.4	1,638	1,535	102	6.2	6,397	117	4	402	5,874
<b>Negro and other races</b>											
16 years and over .....	6,013	70.4	5,674	4,830	843	14.9	2,523	54	907	396	1,165
16 to 21 years .....	927	51.0	797	542	255	32.0	892	3	760	14	115
16 to 19 years .....	492	39.5	435	275	160	36.8	755	4	673	8	69
16 to 17 years .....	142	22.3	139	85	54	38.7	498	2	469	1	25
18 to 19 years .....	350	57.6	296	190	106	35.9	258	2	204	7	45
20 to 64 years .....	5,361	83.4	5,080	4,415	664	13.1	1,064	35	233	295	501
20 to 24 years .....	1,028	79.8	883	676	207	23.5	260	3	157	13	87
25 to 54 years .....	3,787	88.8	3,649	3,224	426	11.7	481	19	76	190	196
25 to 29 years .....	1,629	90.7	1,538	1,327	211	13.7	167	10	68	36	53
30 to 34 years .....	1,179	92.2	1,137	1,012	124	10.9	99	4	3	44	48
35 to 54 years .....	979	82.1	975	885	90	9.2	214	5	4	110	94
55 to 64 years .....	547	62.8	547	516	32	5.8	324	14	1	91	218
55 to 59 years .....	332	70.3	332	315	17	5.2	140	5	1	56	79
60 to 64 years .....	215	53.9	215	201	14	6.7	184	9	--	36	139
65 years and over .....	159	18.4	159	140	19	12.0	703	15	--	93	595

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

[Numbers in thousands]

Sex, age, and color	February 1976										
	Total labor force		Civilian labor force				Not in labor force				
	Number	Percent of population	Total	Employed	Unemployed		Total	Keeping house	Going to school	Unable to work	Other reasons
					Number	Percent of labor force					
<b>FEMALES</b>											
16 years and over .....	37,737	46.7	37,637	34,213	3,424	9.1	43,082	34,137	4,138	941	3,166
16 to 21 years .....	6,191	50.3	6,143	5,119	1,024	16.7	6,121	1,568	4,248	24	281
16 to 19 years .....	3,745	45.2	3,725	3,012	713	19.1	4,542	688	3,622	14	217
16 to 17 years .....	1,475	35.9	1,474	1,158	316	21.4	2,635	189	2,369	1	75
18 to 19 years .....	2,271	54.3	2,251	1,854	397	17.6	1,908	499	1,253	13	142
20 to 64 years .....	32,900	55.0	32,821	30,167	2,654	8.1	26,911	23,988	1,206	407	1,310
20 to 24 years .....	6,105	63.3	6,051	5,284	767	12.7	3,545	2,497	890	21	137
25 to 54 years .....	22,412	56.4	22,387	20,728	1,659	7.4	17,315	16,112	312	197	694
25 to 29 years .....	5,110	58.5	5,094	4,619	475	9.3	3,626	3,325	152	24	475
30 to 34 years .....	3,853	54.1	3,849	3,515	335	8.7	3,269	3,079	62	14	335
35 to 39 years .....	3,451	57.4	3,449	3,229	220	6.4	2,565	2,419	36	28	220
40 to 44 years .....	3,340	58.7	3,339	3,112	227	6.8	2,348	2,187	23	37	227
45 to 49 years .....	3,391	56.7	3,391	3,190	201	5.9	2,592	2,424	18	40	201
50 to 54 years .....	3,266	52.8	3,266	3,065	201	6.2	2,915	2,679	20	55	201
55 to 64 years .....	4,383	42.0	4,383	4,155	228	5.2	6,051	5,378	5	189	479
55 to 59 years .....	2,672	48.3	2,672	2,538	134	5.0	2,864	2,578	4	87	187
60 to 64 years .....	1,711	34.9	1,711	1,617	94	5.5	3,187	2,800	1	102	284
65 years and over .....	1,091	8.6	1,091	1,034	57	5.2	11,629	9,461	10	520	1,638
65 to 69 years .....	699	15.6	699	663	36	5.1	3,793	3,232	6	87	468
70 years and over .....	392	4.8	392	371	21	5.3	7,836	6,229	4	433	1,170
<b>White</b>											
16 years and over .....	32,774	46.3	32,690	29,968	2,722	8.3	38,077	30,721	3,889	720	2,747
16 to 21 years .....	5,539	53.0	5,499	4,686	812	14.8	4,905	1,274	3,412	16	204
16 to 19 years .....	3,364	47.9	3,347	2,764	582	17.4	3,655	586	2,899	9	160
16 to 17 years .....	1,351	38.9	1,350	1,092	258	19.1	2,118	159	1,905	--	55
18 to 19 years .....	2,013	56.7	1,997	1,672	325	16.3	1,537	427	994	10	106
20 to 64 years .....	28,462	54.5	28,397	26,309	2,088	7.4	23,790	21,398	979	291	1,121
20 to 24 years .....	5,345	64.9	5,300	4,721	580	10.9	2,889	2,055	722	15	96
25 to 54 years .....	19,181	55.4	19,159	17,846	1,315	6.9	15,428	14,454	253	129	592
25 to 34 years .....	7,534	55.0	7,516	6,902	614	8.2	6,169	5,768	175	25	201
35 to 44 years .....	5,811	57.4	5,809	5,449	360	6.2	4,319	4,091	45	33	151
45 to 54 years .....	5,836	54.2	5,835	5,495	340	5.8	4,939	4,595	33	71	239
55 to 64 years .....	3,937	41.8	3,937	3,743	194	4.9	5,473	4,889	5	146	433
55 to 59 years .....	2,397	48.1	2,397	2,279	117	4.9	2,590	2,349	5	64	172
60 to 64 years .....	1,540	34.8	1,540	1,464	76	5.0	2,883	2,540	--	82	261
65 years and over .....	947	8.2	947	895	52	5.5	10,633	8,737	11	420	1,466
<b>Negro and other races</b>											
16 years and over .....	4,963	49.8	4,946	4,245	702	14.2	5,005	3,416	949	221	419
16 to 21 years .....	652	34.9	644	432	211	32.8	1,216	294	837	8	77
16 to 19 years .....	381	30.0	378	247	131	34.5	888	102	723	5	57
16 to 17 years .....	124	19.3	124	66	58	46.8	517	31	464	1	21
18 to 19 years .....	257	40.9	254	182	73	28.6	371	72	259	3	37
20 to 64 years .....	4,438	58.7	4,424	3,858	566	12.8	3,122	2,590	226	116	190
20 to 24 years .....	761	53.7	750	563	187	24.9	656	442	167	6	41
25 to 54 years .....	3,232	63.1	3,228	2,882	345	12.8	1,888	1,658	58	67	103
25 to 34 years .....	1,430	66.3	1,427	1,231	195	13.7	726	636	39	12	38
35 to 44 years .....	979	62.3	979	891	88	9.0	594	515	14	32	34
45 to 54 years .....	822	59.1	822	760	62	7.5	568	508	6	23	31
55 to 64 years .....	446	43.5	446	412	34	7.7	578	489	--	42	46
55 to 59 years .....	275	50.1	275	258	17	6.1	274	229	--	23	23
60 to 64 years .....	171	45.9	171	153	17	10.2	305	261	1	19	23
65 years and over .....	144	12.7	144	139	5	3.3	995	723	--	100	172

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
<b>MALES</b>								
16 years and over	56,831	57,207	77.8	77.0	54,714	55,161	77.2	76.4
16 to 19 years	4,682	4,669	55.9	55.1	4,298	4,311	53.8	53.2
16 to 17 years	1,837	1,761	43.4	41.6	1,794	1,732	42.8	41.2
18 to 19 years	2,844	2,907	68.7	68.7	2,504	2,579	65.9	66.0
20 to 24 years	7,979	8,130	84.5	84.0	7,177	7,374	83.1	82.7
25 to 54 years	35,225	35,721	94.4	94.1	34,297	34,790	94.2	94.0
25 to 34 years	14,230	14,733	95.4	95.1	13,630	14,132	95.2	94.9
35 to 44 years	10,576	10,615	95.8	95.6	10,284	10,322	95.7	95.5
45 to 54 years	10,419	10,373	91.6	91.5	10,382	10,336	91.6	91.5
55 to 64 years	7,030	6,891	76.7	74.1	7,028	6,890	76.7	74.0
55 to 59 years	4,187	4,205	85.1	83.7	4,185	4,204	85.1	83.7
60 to 64 years	2,843	2,686	66.9	62.8	2,843	2,686	66.9	62.8
65 years and over	1,915	1,796	22.0	20.2	1,915	1,796	22.0	20.2
<b>White</b>								
16 years and over	50,887	51,195	78.6	77.9	49,115	49,487	78.0	77.3
16 to 19 years	4,156	4,176	58.0	57.9	3,843	3,876	56.1	56.0
16 to 17 years	1,664	1,619	46.1	45.1	1,627	1,593	45.6	44.7
18 to 19 years	2,492	2,557	70.1	70.5	2,216	2,283	67.6	68.1
20 to 24 years	7,008	7,103	85.3	84.7	6,349	6,490	84.1	83.5
25 to 54 years	31,571	31,934	95.1	94.8	30,771	31,141	95.0	94.7
25 to 34 years	12,674	13,104	95.9	95.6	12,160	12,594	95.7	95.5
35 to 44 years	9,451	9,436	96.6	96.0	9,200	9,186	96.5	95.9
45 to 54 years	9,445	9,394	92.6	92.6	9,412	9,361	92.6	92.6
55 to 64 years	6,433	6,344	77.4	75.2	6,431	6,343	77.4	75.2
55 to 59 years	3,836	3,873	85.9	85.1	3,835	3,872	85.9	85.1
60 to 64 years	2,597	2,471	67.6	63.7	2,597	2,471	67.6	63.7
65 years and over	1,719	1,638	21.8	20.4	1,719	1,638	21.8	20.4
<b>Negro and other races</b>								
16 years and over	5,944	6,013	72.0	70.4	5,599	5,674	70.8	69.2
16 to 19 years	525	492	43.4	39.5	454	435	39.9	36.5
16 to 17 years	173	142	27.7	22.3	167	139	26.9	21.8
18 to 19 years	352	350	60.2	57.6	287	296	55.3	53.4
20 to 24 years	971	1,028	79.0	79.8	828	883	76.3	77.3
25 to 54 years	3,655	3,787	88.5	88.8	3,525	3,649	88.2	88.4
25 to 34 years	1,556	1,629	91.4	90.7	1,470	1,538	91.0	90.2
35 to 44 years	1,125	1,179	89.7	92.2	1,085	1,137	89.3	92.0
45 to 54 years	974	979	83.1	82.1	971	975	83.0	82.0
55 to 64 years	597	547	69.8	62.8	596	547	69.8	62.8
55 to 59 years	351	332	77.8	70.3	351	332	77.8	70.3
60 to 64 years	246	215	60.8	53.9	246	215	60.8	53.9
65 years and over	196	159	23.6	18.4	196	159	23.6	18.4

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

Sex, age, and color	Total labor force				Civilian labor force			
	Thousands of persons		Participation rates		Thousands of persons		Participation rates	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
<b>FEMALES</b>								
16 years and over	36,280	37,737	45.7	46.7	36,198	37,637	45.6	46.6
16 to 19 years	3,656	3,745	44.6	45.2	3,636	3,725	44.5	45.1
16 to 17 years	1,452	1,475	35.3	35.9	1,451	1,474	35.3	35.9
18 to 19 years	2,204	2,271	53.9	54.3	2,185	2,251	53.7	54.1
20 to 24 years	5,958	6,105	63.2	63.3	5,915	6,051	63.0	63.1
25 to 54 years	21,415	22,412	54.7	56.4	21,396	22,387	54.7	56.4
25 to 34 years	8,233	8,964	53.9	56.5	8,218	8,943	53.8	56.5
35 to 44 years	6,496	6,791	55.9	58.0	6,493	6,788	55.9	58.0
45 to 54 years	6,685	6,658	54.7	54.7	6,684	6,657	54.7	54.7
55 to 64 years	4,258	4,383	41.4	42.0	4,258	4,383	41.4	42.0
55 to 59 years	2,609	2,672	48.1	48.3	2,609	2,672	48.1	48.3
60 to 64 years	1,648	1,711	33.8	34.9	1,648	1,711	33.8	34.9
65 years and over	994	1,091	8.0	8.6	994	1,091	8.0	8.6
<b>White</b>								
16 years and over	31,641	32,774	45.3	46.3	31,572	32,690	45.3	46.2
16 to 19 years	3,265	3,364	46.9	47.9	3,249	3,347	46.8	47.8
16 to 17 years	1,312	1,351	37.7	38.9	1,311	1,350	37.7	38.9
18 to 19 years	1,954	2,013	56.1	56.7	1,938	1,997	55.9	56.5
20 to 24 years	5,227	5,345	64.8	64.9	5,192	5,300	64.6	64.7
25 to 54 years	18,453	19,180	54.0	55.4	18,436	19,159	54.0	55.4
25 to 34 years	7,005	7,534	52.9	55.0	6,992	7,516	52.8	54.9
35 to 44 years	5,528	5,811	54.9	57.4	5,525	5,809	54.8	57.4
45 to 54 years	5,920	5,836	54.5	54.2	5,919	5,835	54.5	54.2
55 to 64 years	3,805	3,937	41.0	41.8	3,806	3,937	41.0	41.8
55 to 59 years	2,331	2,397	47.6	48.1	2,331	2,397	47.6	48.1
60 to 64 years	1,475	1,540	33.6	34.8	1,475	1,540	33.6	34.8
65 years and over	890	947	7.9	8.2	890	947	7.9	8.2
<b>Negro and other races</b>								
16 years and over	4,640	4,963	48.2	49.8	4,626	4,946	48.1	49.7
16 to 19 years	390	381	31.6	30.0	387	378	31.4	29.9
16 to 17 years	140	124	22.4	19.3	140	124	22.3	19.3
18 to 19 years	250	257	41.2	40.9	247	254	40.9	40.7
20 to 24 years	731	761	53.8	53.7	723	750	53.5	53.4
25 to 54 years	2,962	3,232	59.9	63.1	2,960	3,228	59.9	63.1
25 to 34 years	1,229	1,430	60.2	66.3	1,227	1,427	60.2	66.3
35 to 44 years	968	979	62.9	62.3	968	979	62.9	62.2
45 to 54 years	765	822	56.0	59.1	765	822	56.0	59.1
55 to 64 years	451	446	45.0	43.5	451	446	45.0	43.5
55 to 59 years	278	275	52.9	50.1	278	275	52.9	50.1
60 to 64 years	174	171	36.3	35.9	173	171	36.3	35.9
65 years and over	105	144	9.6	12.7	105	144	9.6	12.7

## A-5. Employment status of the noninstitutional population by sex, age, and color

[Numbers in thousands]

Employment status and color	Total		Males, 20 years and over		Females, 20 years and over		Both sexes, 16-19 years	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
	<b>TOTAL</b>							
Total noninstitutional population	152,445	155,106	64,644	65,821	71,229	72,531	16,572	16,754
Total labor force	93,111	94,944	52,149	52,539	32,625	33,991	8,337	8,414
Percent of population	61.1	61.2	80.7	79.8	45.8	46.9	50.3	50.2
Civilian labor force	90,913	92,798	50,417	50,850	32,563	33,912	7,934	8,035
Employed	82,604	84,764	46,512	47,182	29,813	31,201	6,280	6,381
Agriculture	2,890	2,802	2,282	2,174	362	333	246	294
Nonagricultural industries	79,714	81,963	44,230	45,007	29,450	30,868	6,034	6,087
Unemployed	8,309	8,033	3,905	3,669	2,750	2,711	1,654	1,654
Percent of labor force	9.1	8.7	7.7	7.2	8.4	8.0	20.8	20.6
Not in labor force	59,333	60,163	12,494	13,283	38,604	38,540	8,235	8,340
<b>White</b>								
Total noninstitutional population	134,560	136,603	57,604	58,533	62,830	63,832	14,126	14,238
Total labor force	82,528	83,968	46,731	47,018	28,375	29,409	7,422	7,541
Percent of population	61.3	61.5	81.1	80.3	45.2	46.1	52.5	53.0
Civilian labor force	80,688	82,178	45,272	45,612	28,323	29,344	7,092	7,223
Employed	73,825	75,689	42,028	42,626	26,048	27,204	5,749	5,859
Agriculture	2,651	2,586	2,078	1,984	342	319	230	283
Nonagricultural industries	71,174	73,103	39,950	40,642	25,705	26,885	5,519	5,576
Unemployed	6,863	6,488	3,244	2,985	2,276	2,140	1,343	1,364
Percent of labor force	8.5	7.9	7.2	6.5	8.0	7.3	18.9	18.9
Not in labor force	52,032	52,635	10,873	11,515	34,455	34,423	6,705	6,697
<b>Negro and other races</b>								
Total noninstitutional population	17,885	18,861	7,040	7,288	8,399	8,699	2,446	2,555
Total labor force	10,583	10,976	5,418	5,520	4,249	4,582	916	873
Percent of population	59.2	59.3	77.0	75.7	50.6	52.7	37.4	34.7
Civilian labor force	10,225	10,620	5,145	5,239	4,239	4,568	841	813
Employed	8,779	9,075	4,483	4,555	3,765	3,997	530	522
Agriculture	239	215	204	190	20	14	15	11
Nonagricultural industries	8,540	8,859	4,280	4,365	3,745	3,983	515	511
Unemployed	1,447	1,545	661	683	474	571	311	291
Percent of labor force	14.1	14.5	12.9	13.0	11.2	12.5	36.9	35.7
Not in labor force	7,301	7,527	1,622	1,767	4,149	4,117	1,530	1,643

## A-6. Employment status of the noninstitutional population 16-21 years of age by color and sex

[Numbers in thousands]

Employment status	February 1976								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Total noninstitutional population	24,880	12,568	12,360	21,194	10,749	10,444	3,686	1,819	1,867
Total labor force	14,097	7,906	6,191	12,518	6,979	5,539	1,579	927	652
Percent of population	56.7	62.9	50.3	59.1	64.9	53.0	42.8	51.0	34.9
Civilian labor force	13,312	7,170	6,143	11,871	6,372	5,499	1,441	797	644
Employed	10,855	5,736	5,119	9,880	5,194	4,686	974	542	432
Agriculture	400	350	50	279	330	49	22	21	1
Nonagricultural industries	10,454	5,386	5,068	9,502	4,864	4,637	953	521	431
Unemployed	2,458	1,434	1,024	1,991	1,179	812	467	255	211
Percent of labor force	18.5	20.0	16.7	16.8	18.5	14.8	32.4	32.0	32.8
Looking for full-time work	1,530	891	639	1,201	712	489	329	179	151
Looking for part-time work	927	543	385	790	466	324	138	77	61
Not in labor force	10,783	4,662	6,121	8,676	3,771	4,905	2,107	892	1,216
<b>MAJOR ACTIVITY: GOING TO SCHOOL</b>									
Civilian labor force	4,208	2,296	1,912	3,877	2,105	1,772	331	191	140
Employed	3,343	1,765	1,578	3,136	1,652	1,483	207	113	95
Agriculture	153	137	16	149	133	16	4	4	--
Nonagricultural industries	3,190	1,628	1,562	2,987	1,519	1,468	203	109	95
Unemployed	865	531	334	741	452	288	124	78	46
Percent of labor force	20.6	23.1	17.5	19.1	21.5	16.3	37.4	41.0	32.5
Looking for full-time work	90	56	34	74	47	27	16	10	7
Looking for part-time work	775	475	300	667	406	261	108	69	39
Not in labor force	8,449	4,200	4,248	6,852	3,440	3,412	1,597	760	837
<b>MAJOR ACTIVITY: OTHER</b>									
Civilian labor force	9,104	4,874	4,230	7,995	4,268	3,727	1,110	606	504
Employed	7,511	3,971	3,541	6,744	3,542	3,203	767	429	338
Agriculture	248	213	34	230	197	33	18	17	1
Nonagricultural industries	7,264	3,758	3,506	6,515	3,345	3,170	749	413	337
Unemployed	1,593	903	690	1,250	726	524	343	177	166
Percent of labor force	17.5	18.5	16.3	15.6	17.0	14.1	30.9	29.2	32.9
Looking for full-time work	1,441	835	606	1,127	666	462	313	169	144
Looking for part-time work	152	68	84	123	60	62	30	8	22
Not in labor force	2,334	462	1,872	1,823	330	1,493	511	132	379

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

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

[Numbers in thousands]

Color, sex, and age	February 1976								
	Full-time labor force					Part-time labor force			
	Total	Employed		Unemployed (looking for full-time work)		Total	Employed on voluntary part time <sup>1</sup>	Unemployed (looking for part-time work)	
		Full-time schedules <sup>1</sup>	Part time for economic reasons	Number	Percent of full-time labor force			Number	Percent of part-time labor force
<b>TOTAL</b>									
Both sexes, 16 years and over	78,411	68,549	3,409	6,482	8.2	14,387	12,806	1,581	11.0
16 to 21 years	7,898	5,588	779	1,530	19.4	5,415	4,487	927	17.1
16 to 19 years	3,772	2,439	482	851	22.6	4,262	3,460	803	18.8
16 to 17 years	614	290	116	208	33.8	2,592	2,058	533	20.6
18 to 19 years	3,158	2,149	366	643	20.4	1,671	1,402	270	16.1
20 years and over	74,639	66,110	2,928	5,601	7.5	13,124	9,346	778	7.7
20 to 24 years	11,544	9,072	674	1,598	14.1	2,080	1,841	240	11.5
25 years and over	63,294	57,038	2,253	4,003	6.3	8,044	7,505	538	6.7
25 to 54 years	51,799	46,638	1,743	3,372	6.5	5,379	4,983	396	7.4
55 years and over	11,495	10,353	510	631	5.5	2,665	2,522	142	5.3
Males, 16 years and over	50,225	44,665	1,694	3,866	7.7	4,936	4,192	744	15.1
16 to 21 years	4,414	3,160	363	891	20.2	2,756	2,213	543	19.7
16 to 19 years	2,092	1,393	220	479	22.9	2,219	1,757	462	20.8
20 years and over	48,133	43,272	1,475	3,386	7.0	2,717	2,435	282	10.4
20 to 24 years	6,406	5,142	328	936	14.6	968	832	135	14.0
25 years and over	41,727	38,130	1,147	2,451	5.9	1,750	1,602	148	8.5
25 to 54 years	34,125	31,206	877	2,042	6.0	665	598	67	10.1
55 years and over	7,602	6,924	270	409	5.4	1,085	1,005	80	7.4
Females, 16 years and over	28,186	23,884	1,715	2,586	9.2	9,451	8,614	837	8.9
16 to 21 years	3,484	2,428	417	639	18.4	2,659	2,274	385	14.5
16 to 19 years	1,680	1,046	262	372	22.1	2,044	1,703	241	16.7
20 years and over	26,505	22,838	1,453	2,215	8.4	7,406	6,911	496	6.7
20 to 24 years	4,938	3,930	346	662	13.4	1,113	1,008	105	9.4
25 years and over	21,567	18,908	1,107	1,553	7.2	6,294	5,903	391	6.2
25 to 54 years	17,673	15,477	867	1,330	7.5	4,714	4,385	328	7.0
55 years and over	3,894	3,431	240	222	5.7	1,580	1,517	63	4.0
<b>White</b>									
Males, 16 years and over	45,022	40,480	1,398	3,144	7.0	4,466	3,844	622	13.9
16 to 21 years	3,855	2,824	318	712	18.5	2,518	2,052	466	18.5
16 to 19 years	1,848	1,222	188	388	21.0	2,028	1,635	394	19.4
20 years and over	43,174	39,207	1,210	2,757	6.4	2,438	2,209	228	9.4
20 to 24 years	5,609	4,577	287	745	13.3	882	763	119	13.5
25 years and over	37,565	34,631	923	2,012	5.4	1,555	1,446	110	7.1
25 to 54 years	30,561	28,225	696	1,641	5.4	579	536	44	7.6
55 years and over	7,004	6,406	227	371	5.3	977	910	66	6.8
Females, 16 years and over	24,098	20,672	1,403	2,023	8.4	8,593	7,893	699	8.1
16 to 21 years	3,056	2,183	384	489	16.0	2,443	2,119	324	13.2
16 to 19 years	1,460	931	243	285	19.5	1,887	1,590	297	15.8
20 years and over	22,638	19,742	1,159	1,738	7.7	6,706	6,304	402	6.0
20 to 24 years	4,304	3,508	292	505	11.7	996	921	75	7.5
25 years and over	18,334	16,234	867	1,233	6.7	5,709	5,382	327	5.7
25 to 54 years	14,832	13,102	691	1,039	7.0	4,327	4,053	274	6.3
55 years and over	3,502	3,131	176	194	5.5	1,382	1,330	52	3.8
<b>Negro and other races</b>									
Males, 16 years and over	5,203	4,185	297	722	13.9	470	349	122	25.9
16 to 21 years	559	336	44	179	32.0	238	162	77	32.1
16 to 19 years	244	121	32	92	37.7	191	123	68	35.7
20 years and over	4,959	4,065	265	630	12.7	280	226	54	19.2
20 to 24 years	797	563	41	191	24.0	86	70	16	18.6
25 years and over	4,162	3,499	224	439	10.5	193	156	38	19.7
25 to 54 years	3,564	2,931	181	401	11.3	85	62	24	28.2
55 years and over	598	518	43	38	6.4	108	94	14	13.0
Females, 16 years and over	4,088	3,212	313	563	13.8	858	720	138	16.1
16 to 21 years	428	245	32	151	35.2	216	155	61	28.2
16 to 19 years	321	175	19	86	39.2	157	113	44	28.1
20 years and over	3,667	3,036	294	477	12.3	701	607	94	13.4
20 to 24 years	634	422	55	157	24.8	117	87	30	25.6
25 years and over	3,034	2,615	238	320	9.9	584	520	64	11.0
25 to 54 years	2,842	2,525	175	291	10.2	386	333	54	14.0
55 years and over	192	100	63	29	7.4	198	188	10	5.1

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



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

Age	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
Total, 16 years and over .....	4,867	4,610	8.9	8.4	3,443	3,424	9.5	9.1
16 to 19 years .....	961	941	22.4	21.8	693	713	19.0	19.1
16 to 17 years .....	450	425	25.1	24.6	290	316	20.0	21.4
18 to 19 years .....	512	516	20.4	20.0	402	397	18.4	17.6
20 years and over .....	3,905	3,669	7.7	7.2	2,750	2,711	8.4	8.0
20 to 24 years .....	1,163	1,071	16.2	14.5	799	767	13.5	12.7
25 years and over .....	2,742	2,597	6.3	6.0	1,951	1,944	7.3	7.5
25 to 34 years .....	1,132	1,083	8.3	7.7	755	810	9.2	9.1
35 to 44 years .....	600	547	5.8	5.3	477	448	7.4	6.6
45 to 54 years .....	538	479	5.2	4.6	438	402	6.5	6.0
55 to 64 years .....	361	367	5.1	5.3	226	228	5.3	5.2
65 years and over .....	150	159	5.3	5.9	83	94	5.0	5.5
Household heads, 16 years and over .....	2,826	2,571	6.3	5.7	632	710	7.8	8.3
16 to 24 years .....	525	425	12.8	10.3	114	136	10.7	12.0
25 to 54 years .....	1,856	1,683	5.8	5.2	385	459	8.1	8.7
55 years and over .....	446	462	5.1	5.5	133	114	6.0	5.2

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

Marital status, sex, age, and color	Males				Females			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
Total, 16 years and over .....	4,867	4,610	8.9	8.4	3,443	3,424	9.5	9.1
Married, spouse present .....	2,419	2,139	6.1	5.4	1,792	1,662	8.5	7.7
Widowed, divorced, or separated .....	442	483	12.5	12.8	627	692	9.3	9.9
Single (never married) .....	2,005	1,987	17.6	16.8	1,024	1,069	12.2	11.9
White, 16 years and over .....	4,050	3,766	8.2	7.6	2,813	2,722	8.9	8.3
Married, spouse present .....	2,079	1,823	5.7	5.0	1,590	1,423	8.4	7.3
Widowed, divorced, or separated .....	316	357	11.1	11.8	461	493	8.6	8.8
Single (never married) .....	1,655	1,586	16.6	15.3	762	806	10.5	10.5
Negro and other races, 16 years and over .....	817	843	14.6	14.9	630	702	13.6	14.2
Married, spouse present .....	339	316	9.8	9.1	202	240	9.5	10.8
Widowed, divorced, or separated .....	127	126	18.2	16.8	166	199	12.4	13.9
Single (never married) .....	351	402	24.6	27.3	262	263	22.7	20.4
Total, 20 to 64 years of age .....	3,794	3,548	7.8	7.2	2,695	2,654	8.5	8.1
Married, spouse present .....	2,287	2,003	6.0	5.3	1,678	1,560	8.3	7.5
Widowed, divorced, or separated .....	418	456	12.8	12.9	582	628	9.5	9.9
Single (never married) .....	1,089	1,089	14.9	14.0	435	465	8.5	8.3
White, 20 to 64 years of age .....	3,145	2,883	7.2	6.6	2,226	2,088	8.1	7.4
Married, spouse present .....	1,958	1,698	5.7	4.9	1,500	1,330	8.2	7.1
Widowed, divorced, or separated .....	296	340	11.3	12.0	418	443	8.6	8.8
Single (never married) .....	889	845	14.1	14.1	308	315	7.1	6.7
Negro and other races, 20 to 64 years of age .....	649	664	13.1	13.0	469	566	11.3	12.8
Married, spouse present .....	328	305	9.9	9.1	178	229	8.7	10.7
Widowed, divorced, or separated .....	122	116	18.8	16.8	164	186	12.8	14.1
Single (never married) .....	199	244	20.2	23.3	128	150	16.1	15.7

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

Occupation	Thousands of persons		Unemployment rates					
			Total		Males		Females	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
Total	8,309	8,033	9.1	8.7	8.9	8.4	9.5	9.1
White-collar workers	2,007	2,151	4.6	4.8	3.3	3.3	5.9	6.1
Professional and technical	368	443	2.8	3.2	2.5	2.7	3.3	3.9
Managers and administrators, except farm	275	320	3.1	3.4	2.6	2.8	5.2	5.9
Sales workers	352	340	6.2	6.1	4.6	4.2	8.4	8.7
Clerical workers	1,012	1,048	6.3	6.3	5.0	5.1	6.6	6.7
Blue-collar workers	4,448	3,754	14.2	12.0	13.1	11.5	19.5	14.0
Craft and kindred workers	1,213	1,087	10.3	9.1	10.2	9.1	11.2	9.3
Carpenters and other construction craft	683	633	19.3	17.5	19.3	17.5	(1)	(1)
All other	530	454	6.4	5.4	6.1	6.0	10.8	8.6
Operatives, except transport	2,014	1,457	17.7	13.0	15.0	11.5	21.7	15.1
Transport equipment operatives	358	348	10.2	10.0	10.6	10.3	4.0	5.7
Nonfarm laborers	863	862	19.0	18.8	19.6	19.2	12.7	14.3
Construction laborers	287	300	33.7	33.1	33.9	33.0	(1)	(1)
All other	576	562	15.6	15.3	15.9	15.5	12.5	13.4
Service workers	1,049	1,253	8.3	9.6	8.2	9.9	8.4	9.5
Private household	58	80	4.7	7.0	(1)	(1)	4.5	7.0
All other	991	1,173	8.7	9.9	8.2	10.0	9.2	9.8
Farm workers	96	119	3.7	4.7	3.5	4.0	5.0	10.0
No previous work experience	709	756	--	--	--	--	--	--
16 to 19 years	552	576	--	--	--	--	--	--
20 to 24 years	109	124	--	--	--	--	--	--
25 years and over	48	57	--	--	--	--	--	--

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

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

Industry	Percent distribution		Unemployment rates					
			Total		Males		Females	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
Total	100.0	100.0	9.1	8.7	8.9	8.4	9.5	9.1
Nonagricultural private wage and salary workers	81.7	78.8	10.3	9.4	10.1	9.3	10.5	9.6
Mining	.6	.6	6.0	6.2	6.3	5.6	(1)	(1)
Construction	12.2	12.0	24.0	22.9	25.1	23.9	6.1	9.3
Manufacturing	32.3	25.3	12.6	9.5	10.3	8.0	17.9	12.9
Durable goods	19.2	14.9	12.6	9.5	10.8	8.4	18.3	12.9
Lumber and wood products	1.6	1.0	20.9	12.3	20.2	12.0	(1)	(1)
Furniture and fixtures	1.1	.7	17.5	10.6	17.0	9.6	19.0	13.3
Stone, clay, and glass products	1.1	.9	13.6	10.5	13.3	11.9	14.8	4.4
Primary metal industries	1.6	1.3	9.4	8.2	9.1	8.1	12.2	9.4
Fabricated metal products	2.2	2.0	12.2	11.1	11.4	10.1	15.4	14.9
Machinery, except electrical equipment	2.1	2.4	7.0	7.8	6.2	7.4	10.7	9.4
Electrical equipment	3.3	2.3	13.0	8.8	7.5	6.1	20.6	12.7
Transportation equipment	4.3	2.4	17.2	9.4	16.0	8.1	24.0	17.1
Automobiles	3.4	1.0	24.9	7.8	24.7	6.9	26.2	13.0
Other transportation equipment	1.0	1.4	8.3	11.2	5.9	9.3	21.9	21.7
Instruments and related products	.5	.6	8.2	7.5	3.8	4.1	14.8	12.1
Other durable goods industries	1.3	1.2	15.5	13.5	9.0	10.5	23.4	17.7
Nondurable goods	13.1	10.4	12.6	9.6	9.2	7.2	17.5	13.0
Food and kindred products	2.7	2.4	12.3	10.4	8.8	7.8	21.2	17.4
Textile mill products	1.9	1.3	17.9	11.0	12.1	9.5	24.1	12.6
Apparel and other textile products	3.2	2.1	18.8	12.0	19.5	10.3	18.7	12.4
Paper and allied products	7.1	.8	12.4	8.7	9.8	6.7	22.6	15.2
Printing and publishing	1.1	1.1	6.8	6.9	5.8	6.0	8.5	8.2
Chemicals and allied products	1.0	.9	6.5	5.6	5.4	4.5	9.8	8.8
Rubber and plastics products	1.4	1.0	15.7	11.4	14.0	8.1	18.8	17.7
Other nondurable goods industries	.8	.9	11.6	12.8	8.3	7.9	16.1	18.8
Transportation and public utilities	4.0	3.7	6.6	6.1	6.9	6.6	5.6	4.7
Railroads and railway express	.4	.4	5.8	5.6	6.0	4.9	(1)	(1)
Other transportation	2.7	2.7	9.7	9.5	10.5	10.4	6.1	6.3
Communication and other public utilities	.8	.6	3.3	2.5	2.1	2.2	5.5	3.1
Wholesale and retail trade	18.1	20.4	9.2	9.8	8.1	8.6	10.5	11.2
Finance, insurance, and real estate	2.4	2.7	4.5	4.9	3.6	4.0	5.1	5.7
Service industries	12.2	14.1	7.2	7.7	7.1	7.9	7.2	7.5
Professional services	4.8	5.5	5.1	5.2	4.0	5.2	5.7	5.2
All other service industries	7.3	8.5	9.8	11.0	10.0	8.8	9.7	11.4
Agricultural wage and salary workers	1.7	2.3	12.1	14.2	11.8	13.9	13.6	15.8
All other classes of workers	8.1	9.6	2.9	3.3	2.9	2.9	3.1	3.8
No previous work experience	8.5	9.4	--	--	--	--	--	--

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

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

Reason for unemployment	Total unemployed		Males, 20 years and over		Females, 20 years and over		Both sexes, 16 to 19 years		White		Negro and other races	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
<b>UNEMPLOYMENT LEVEL</b>												
Total unemployed, in thousands .....	8,309	8,033	3,905	3,669	2,750	2,711	1,654	1,654	6,863	6,488	1,447	1,545
Job losers .....	5,110	4,493	3,094	2,726	1,457	1,285	559	482	4,248	3,694	862	799
Job leavers .....	758	863	268	311	357	391	134	162	665	740	93	123
Reentrants .....	1,740	1,925	481	565	843	922	416	438	1,449	1,487	292	439
New entrants .....	701	752	63	66	93	113	545	573	501	567	200	184
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 .....	61.5	56.0	79.2	74.3	53.0	47.4	33.8	29.1	61.9	57.0	59.6	51.7
Job leavers .....	9.1	10.7	6.9	8.5	13.0	14.4	8.1	9.8	9.7	11.4	6.4	8.0
Reentrants .....	20.9	24.0	12.3	15.4	30.7	34.0	25.2	26.5	21.1	22.9	20.2	28.4
New entrants .....	8.4	9.4	1.6	1.8	3.4	4.2	33.0	34.6	7.3	8.7	13.8	11.9
<b>UNEMPLOYMENT RATE</b>												
Total unemployment rate .....	9.1	8.7	7.7	7.2	8.4	8.0	20.8	20.6	8.5	7.9	14.2	14.5
Job loser rate <sup>1</sup> .....	5.6	4.8	6.1	5.4	4.5	3.8	7.0	6.0	5.3	4.5	8.4	7.5
Job leaver rate <sup>1</sup> .....	.8	.9	.5	.6	1.1	1.2	1.2	1.7	2.0	.8	.9	1.2
Reentrant rate <sup>1</sup> .....	1.9	2.1	1.0	1.1	2.6	2.7	5.2	5.5	1.8	1.8	2.9	4.1
New entrant rate <sup>1</sup> .....	.8	.8	.1	.1	.3	.3	6.9	7.1	.6	.7	2.0	1.7

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

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

[Percent distribution]

Reason, sex, and age	February 1976						
	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 .....	8,033	100.0	33.6	31.6	34.8	15.4	19.3
Job losers .....	4,493	100.0	25.6	32.0	42.4	17.7	24.7
Job leavers .....	863	100.0	40.4	29.9	29.7	13.8	15.9
Reentrants .....	1,925	100.0	44.6	32.2	23.2	12.1	11.1
New entrants .....	752	100.0	45.6	29.7	24.7	12.6	12.1
Males, 20 years and over .....	3,669	100.0	25.4	33.4	41.2	17.2	24.0
Job losers .....	2,726	100.0	22.8	33.0	44.3	17.9	26.4
Job leavers .....	311	100.0	35.4	31.5	33.4	14.8	18.6
Reentrants .....	565	100.0	33.3	36.7	30.0	14.5	15.4
New entrants .....	66	100.0	(1)	(1)	(1)	(1)	(1)
Females, 20 years and over .....	2,711	100.0	37.6	28.1	34.4	14.2	20.1
Job losers .....	1,285	100.0	27.3	26.8	45.8	17.1	28.7
Job leavers .....	391	100.0	40.5	26.9	32.6	14.6	17.9
Reentrants .....	922	100.0	49.8	30.3	20.0	10.0	10.0
New entrants .....	113	100.0	44.2	28.3	27.4	14.2	13.3
Both sexes, 16 to 19 years .....	1,654	100.0	45.3	33.6	21.2	13.5	7.6
Job losers .....	482	100.0	36.7	40.8	22.5	17.7	4.8
Job leavers .....	161	100.0	49.7	35.0	15.3	10.4	4.9
Reentrants .....	438	100.0	48.3	30.5	21.2	13.4	7.7
New entrants .....	573	100.0	48.8	29.5	21.7	11.2	10.5

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

A-14. Unemployed jobseekers by the jobsearch methods used, sex, age, and color

Sex, age, and color	February 1976								
	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	
<b>Total, 16 years and over</b> .....	8,033	6,430	28.0	5.7	70.3	29.1	13.7	6.2	1.53
16 to 19 years .....	1,654	1,494	18.8	4.7	77.6	25.9	12.1	4.4	1.44
20 to 24 years .....	1,838	1,505	32.6	5.8	70.4	31.0	12.6	5.3	1.58
25 to 34 years .....	1,893	1,439	30.8	7.8	69.8	29.3	13.9	5.9	1.58
35 to 44 years .....	994	778	31.0	5.9	63.5	31.4	12.5	6.7	1.51
45 to 54 years .....	881	628	31.2	5.6	67.0	29.6	15.9	8.6	1.58
55 to 64 years .....	595	429	28.2	4.0	67.4	26.8	16.8	13.1	1.56
65 years and over .....	178	157	19.1	--	60.5	30.6	23.6	4.5	1.38
<b>Males, 16 years and over</b> .....	4,610	3,504	30.1	5.8	71.5	27.8	15.7	7.5	1.58
16 to 19 years .....	941	841	18.2	3.8	81.8	27.2	12.8	3.4	1.47
20 to 24 years .....	1,071	832	33.8	5.9	80.0	28.6	17.2	5.8	1.71
25 to 34 years .....	1,083	748	36.5	7.0	70.6	29.4	15.0	7.5	1.66
35 to 44 years .....	547	404	35.1	9.2	63.6	31.2	12.6	9.9	1.62
45 to 54 years .....	479	320	32.5	7.5	65.3	26.3	19.1	13.8	1.65
55 to 64 years .....	367	253	31.2	4.0	62.1	22.5	19.4	15.4	1.55
65 years and over .....	121	106	20.8	--	64.2	18.9	22.6	7.5	1.34
<b>Females, 16 years and over</b> .....	3,424	2,927	25.6	5.6	68.9	30.6	11.2	4.6	1.47
16 to 19 years .....	713	653	19.6	5.8	72.3	24.3	11.2	5.5	1.39
20 to 24 years .....	767	673	31.2	5.6	68.2	34.0	7.1	4.8	1.51
25 to 34 years .....	810	692	24.6	8.7	68.9	29.2	12.7	4.3	1.48
35 to 44 years .....	448	374	26.5	2.4	63.4	31.6	12.3	3.5	1.40
45 to 54 years .....	402	308	29.9	3.6	68.8	33.1	12.7	3.2	1.51
55 to 64 years .....	228	176	23.9	4.0	75.0	33.0	12.5	9.7	1.58
65 years and over .....	57	51	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>White</b> .....	6,488	5,112	26.3	5.4	71.9	30.8	12.7	6.6	1.54
<b>Males</b> .....	3,766	2,816	28.3	5.6	73.0	29.1	14.5	8.3	1.59
<b>Females</b> .....	2,722	2,296	23.9	5.2	70.5	32.8	10.5	4.4	1.47
<b>Negro and other races</b> .....	1,545	1,319	34.6	6.8	64.2	22.4	17.4	4.9	1.50
<b>Males</b> .....	843	688	37.1	6.7	65.3	22.4	20.6	4.2	1.56
<b>Females</b> .....	702	631	31.9	7.0	63.1	22.5	13.8	5.7	1.44

<sup>1</sup> 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

A-15. Unemployed jobseekers by the jobsearch methods used, sex, and reason for unemployment

Sex and reason	February 1976								
	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	
<b>Total, 16 years and over</b> .....	8,033	6,430	28.0	5.7	70.3	29.1	13.7	6.2	1.53
Job losers .....	4,493	3,007	34.5	5.6	70.1	30.4	16.0	7.1	1.64
Job leavers .....	863	867	27.9	6.5	72.5	27.5	12.1	4.2	1.51
Reentrants .....	1,925	1,818	22.4	5.9	66.8	30.0	11.1	6.5	1.43
New entrants .....	752	738	15.7	4.7	77.4	24.3	12.2	4.1	1.38
<b>Males, 16 years and over</b> .....	4,610	3,504	30.1	5.8	71.5	27.8	15.7	7.5	1.58
Job losers .....	3,060	2,010	34.6	4.9	71.0	28.2	17.1	8.8	1.65
Job leavers .....	399	398	30.2	8.3	74.6	27.4	14.8	2.3	1.58
Reentrants .....	807	756	24.6	7.0	66.9	29.1	13.2	9.0	1.50
New entrants .....	344	340	15.0	5.3	80.9	22.6	13.8	3.2	1.41
<b>Females, 16 years and over</b> .....	3,424	2,927	25.6	5.6	68.9	30.6	11.2	4.6	1.47
Job losers .....	1,433	997	34.1	7.0	68.1	34.9	13.7	3.9	1.62
Job leavers .....	464	469	26.0	4.9	70.8	27.5	9.8	5.8	1.45
Reentrants .....	1,118	1,063	20.9	5.0	66.8	29.8	9.7	4.7	1.37
New entrants .....	408	398	16.3	4.3	74.4	25.9	10.8	4.8	1.37

NOTE: See note, table A-14.

## A-16. Unemployed persons by duration of unemployment

Duration of unemployment	Total				Household heads			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
Total	8,309	8,633	100.0	100.0	3,459	3,280	100.0	100.0
Less than 5 weeks	2,879	2,699	34.7	31.0	1,084	917	31.3	27.9
5 to 14 weeks	3,399	2,541	40.9	31.6	1,540	1,047	44.5	31.9
5 to 10 weeks	3,505	1,807	36.2	22.5	1,107	702	32.0	21.4
11 to 14 weeks	894	733	16.8	24.1	433	346	12.5	10.5
15 weeks and over	2,031	2,794	24.4	34.2	835	1,316	24.1	40.1
15 to 26 weeks	1,312	1,241	15.9	15.4	614	534	14.9	16.3
27 weeks and over	718	1,552	8.6	19.5	321	782	9.3	23.8
Average (mean) duration	11.8	16.4	--	--	12.3	18.7	--	--

## A-17. Unemployed persons by duration, sex, age, color, and marital status

Sex, age, color, and marital status	Thousands of persons					Average (mean) duration, in weeks	Less than 5 weeks as a percent of unemployed in group		15 weeks and over as a percent of unemployed in group	
	Total	Less than 5 weeks	5 to 14 weeks	15 to 26 weeks	27 weeks and over		Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
	February 1976									
<b>Total, 16 years and over</b>	8,033	2,699	2,541	1,211	1,552	16.4	34.7	33.6	24.4	34.8
16 to 21 years	2,458	1,018	823	359	258	11.9	41.1	41.4	21.5	25.1
16 to 19 years	1,654	749	555	225	125	10.2	40.7	45.3	22.1	21.2
20 to 24 years	1,838	618	614	304	303	15.3	37.2	33.6	22.5	33.0
25 to 34 years	1,893	618	582	301	392	16.9	31.7	32.7	23.6	36.6
35 to 44 years	994	310	302	152	231	18.4	33.8	31.2	25.3	38.5
45 to 54 years	881	230	271	121	258	20.4	29.1	26.2	26.6	43.0
55 to 64 years	595	137	157	114	187	23.3	31.6	23.0	31.9	50.6
65 years and over	178	36	61	25	57	25.4	25.4	20.0	35.7	45.9
<b>Males, 16 years and over</b>	4,610	1,312	1,562	784	952	17.5	31.4	28.5	25.2	37.7
16 to 21 years	1,424	510	512	274	165	12.9	38.4	35.5	23.2	28.7
16 to 19 years	941	380	337	152	72	10.7	38.2	40.4	23.2	23.8
20 to 24 years	1,071	280	399	204	189	16.4	33.8	26.1	22.1	36.6
25 to 34 years	1,063	312	359	171	241	18.2	26.8	28.8	25.5	38.0
35 to 44 years	547	134	159	93	162	21.5	31.1	24.5	26.6	46.5
45 to 54 years	479	107	153	74	145	21.6	27.0	22.4	26.4	45.6
55 to 64 years	367	80	109	73	105	22.2	27.2	21.9	32.6	48.5
65 years and over	121	18	46	17	40	26.4	31.8	14.7	32.5	47.1
<b>Females, 16 years and over</b>	3,424	1,387	979	456	600	14.9	39.2	40.5	23.4	30.9
16 to 21 years	1,024	508	310	112	93	10.4	44.8	49.6	19.1	20.1
16 to 19 years	713	369	218	72	54	9.6	44.2	51.7	20.5	17.7
20 to 24 years	767	338	215	100	114	13.9	42.3	44.1	23.0	27.9
25 to 34 years	610	306	223	129	151	15.3	39.0	37.8	20.8	34.7
35 to 44 years	448	176	143	60	69	14.7	37.2	39.3	23.7	28.8
45 to 54 years	402	123	118	47	114	19.0	31.7	30.6	26.9	40.0
55 to 64 years	228	57	48	42	81	25.1	39.1	25.0	30.8	54.0
65 years and over	57	18	14	6	17	23.5	(1)	(1)	(1)	(1)
<b>White</b>	6,488	2,160	2,125	990	1,213	16.1	35.5	33.3	23.4	34.0
Males	3,756	1,076	1,326	634	730	16.8	32.4	28.6	24.4	36.2
Females	2,722	1,083	799	356	484	15.0	40.0	39.8	22.0	30.8
<b>Negro and other races</b>	1,545	539	416	251	339	17.9	30.6	34.9	29.3	38.2
Males	843	235	236	149	223	20.5	26.8	27.9	28.9	44.1
Females	702	304	180	102	117	14.7	35.5	43.3	29.8	31.1
<b>Males:</b>										
Married, spouse present	2,139	552	733	334	520	18.9	29.9	25.8	22.6	39.9
Widowed, divorced, or separated	483	116	135	99	133	22.1	26.6	24.1	30.6	48.0
Single (never married)	1,987	644	694	351	299	14.9	34.4	32.4	27.1	32.7
<b>Females:</b>										
Married, spouse present	1,662	666	457	221	318	15.7	38.1	40.1	23.4	32.4
Widowed, divorced, or separated	692	241	214	102	135	16.3	40.6	34.8	23.5	34.2
Single (never married)	1,069	480	307	135	147	12.8	40.3	44.9	23.4	26.4

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

## A-18. 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		Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
	February 1976									
<b>OCCUPATION</b>										
White-collar workers	2,151	745	627	337	443	16.7	37.4	34.6	25.0	36.2
Professional and managerial	443	150	128	72	93	16.5	39.3	33.8	28.0	37.2
Sales workers	340	153	100	32	55	12.8	38.2	44.9	19.8	25.7
Clerical workers	1,048	353	296	182	217	17.3	35.9	33.6	25.0	38.1
Blue-collar workers	3,754	1,040	1,278	628	807	18.0	30.8	27.7	23.1	38.2
Craft and kindred workers	1,087	270	399	192	226	17.9	30.6	24.8	22.6	38.4
Operatives, except transport	1,457	439	438	218	361	18.6	32.8	30.2	22.8	39.8
Transport equipment operatives	348	111	117	47	73	16.5	28.3	32.0	21.2	34.3
Nonfarm laborers	862	220	324	171	147	17.9	27.3	25.5	25.2	36.9
Service workers	1,253	530	365	164	195	14.1	38.3	42.3	26.7	28.6
<b>INDUSTRY<sup>1</sup></b>										
Agriculture	181	52	81	41	22	13.1	36.3	26.7	27.5	31.9
Construction	1,001	268	394	164	175	17.1	28.4	26.8	22.3	33.9
Manufacturing	2,037	538	592	336	571	20.4	31.4	26.4	23.4	44.5
Durable goods	1,203	276	358	195	374	22.1	30.2	23.0	24.1	47.3
Nondurable goods	834	261	234	141	198	18.1	33.2	31.3	22.4	40.6
Transportation and public utilities	329	95	105	54	74	18.4	33.8	29.0	26.9	38.9
Wholesale and retail trade	1,650	605	572	222	251	14.0	37.3	36.7	22.7	28.6
Finance and service industries	1,683	645	485	265	289	15.3	36.9	39.0	27.1	33.6
Public administration	228	78	57	44	48	17.3	32.4	34.4	36.6	40.7
No previous work experience	756	347	224	94	91	11.9	45.6	45.8	27.1	24.6

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

## A-19. Employed persons by sex and age

(In thousands)

Age and type of industry	Total		Males		Females	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
All industries	82,604	84,764	49,848	50,551	32,756	34,213
16 to 19 years	6,280	6,381	3,336	3,370	2,943	3,012
16 to 17 years	2,505	2,464	1,344	1,306	1,161	1,158
18 to 19 years	3,775	3,917	1,992	2,063	1,783	1,854
20 to 24 years	11,130	11,587	6,014	6,302	5,116	5,284
25 to 54 years	51,753	53,409	32,027	32,681	19,726	20,728
25 to 34 years	19,961	21,182	12,498	13,049	7,464	8,133
35 to 44 years	15,701	16,116	9,685	9,775	6,016	6,340
45 to 54 years	16,091	16,112	9,845	9,857	6,246	6,255
55 to 64 years	10,698	10,678	6,666	6,523	4,031	4,155
55 to 59 years	6,440	6,534	3,974	3,996	2,466	2,538
60 to 64 years	4,258	4,144	2,693	2,527	1,565	1,617
65 years and over	2,744	2,709	1,804	1,675	940	1,034
Nonagricultural industries	79,714	81,963	47,370	48,118	32,344	33,845
16 to 19 years	6,034	6,087	3,140	3,111	2,894	2,976
16 to 17 years	2,373	2,331	1,245	1,189	1,129	1,142
18 to 19 years	3,661	3,756	1,896	1,922	1,765	1,834
20 to 24 years	10,853	11,318	5,767	6,073	5,086	20,517
25 to 54 years	50,289	51,978	30,794	31,462	19,494	5,245
25 to 34 years	19,510	20,718	12,111	12,648	7,399	8,071
35 to 44 years	15,251	15,690	9,313	9,423	5,937	6,266
45 to 54 years	15,528	15,570	9,370	9,391	6,158	6,179
55 to 64 years	10,157	10,185	6,196	6,088	3,961	4,097
55 to 59 years	6,148	6,271	3,729	3,771	2,420	2,499
60 to 64 years	4,008	3,914	2,467	2,317	1,542	1,597
65 years and over	2,382	2,394	1,473	1,384	908	1,010
Agriculture	2,890	2,802	2,477	2,434	412	368
16 to 19 years	246	294	196	259	50	35
16 to 17 years	132	134	100	118	32	16
18 to 19 years	114	161	96	142	18	19
20 to 24 years	276	268	247	230	29	211
25 to 54 years	1,465	1,432	1,233	1,219	231	39
25 to 34 years	451	464	387	401	64	63
35 to 44 years	450	426	371	352	78	74
45 to 54 years	564	542	475	466	89	76
55 to 64 years	541	493	471	434	70	58
55 to 59 years	292	263	245	225	47	39
60 to 64 years	249	230	226	210	23	20
65 years and over	362	315	331	291	31	24

## A-20. Employed persons by occupational group, 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	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
	<b>TOTAL</b> .....	82,604	84,764	46,512	47,182	29,813	31,201	3,336	3,370	2,943
<b>White-collar workers</b> .....	41,776	43,092	20,381	20,695	19,241	20,229	579	597	1,576	1,571
Professional and technical .....	12,717	13,356	7,443	7,767	5,102	5,425	95	78	77	86
Health workers .....	2,109	2,162	783	758	1,315	1,390	--	2	10	12
Teachers, except college .....	3,103	3,306	931	1,000	2,145	2,279	10	9	17	17
Other professional and technical .....	7,505	7,888	5,729	6,008	1,642	1,756	85	67	50	57
<b>Managers and administrators, except farm</b> .....	8,570	9,025	6,918	7,129	1,604	1,823	35	41	13	31
Salaried workers .....	6,921	7,296	5,610	5,735	1,268	1,498	30	33	12	30
Self-employed workers in retail trade .....	884	892	653	663	229	224	1	3	1	2
Self-employed workers, except retail trade .....	864	837	654	731	106	100	4	5	--	--
<b>Sales workers</b> .....	5,319	5,200	2,903	2,782	1,871	1,830	198	242	346	346
Retail trade .....	2,939	2,808	956	870	1,481	1,437	167	185	334	316
Other industries .....	2,380	2,392	1,947	1,912	389	393	31	57	12	31
<b>Clerical workers</b> .....	15,172	15,512	3,116	3,017	10,665	11,152	250	236	1,140	1,107
Stenographers, typists, and secretaries .....	4,348	4,584	55	78	3,942	4,160	4	4	346	343
Other clerical workers .....	10,824	10,928	3,061	2,939	6,723	6,992	246	232	794	764
<b>Blue-collar workers</b> .....	26,789	27,497	20,471	20,792	4,291	4,687	1,783	1,692	244	326
<b>Craft and kindred workers</b> .....	10,584	10,879	9,792	10,041	446	530	330	277	16	30
Carpenters .....	874	933	844	895	5	3	26	35	--	--
Construction craft, except carpenters .....	1,987	2,044	1,926	1,966	10	27	48	49	4	2
Mechanics and repairers .....	2,917	2,895	2,750	2,755	20	20	146	115	2	4
Metal craft .....	1,244	1,276	1,168	1,213	30	35	43	28	2	--
Blue-collar worker supervisors, not elsewhere classified .....	1,311	1,369	1,176	1,234	127	130	8	3	--	1
All other .....	2,252	2,363	1,928	1,978	254	315	60	48	10	23
<b>Operatives, except transport</b> .....	9,387	9,757	5,264	5,367	3,411	3,660	547	517	165	213
Durable goods manufacturing .....	4,015	4,325	2,593	2,783	1,221	1,350	147	134	53	60
Nondurable goods manufacturing .....	3,059	3,198	1,272	1,256	1,634	1,768	82	62	72	111
Other industries .....	2,313	2,234	1,399	1,328	556	542	318	321	40	42
<b>Transport equipment operatives</b> .....	3,143	3,140	2,805	2,754	171	207	156	164	11	16
Drivers, motor vehicles .....	2,694	2,681	2,391	2,327	168	197	125	143	11	13
All other .....	449	460	414	426	3	9	31	21	--	3
<b>Nonfarm laborers</b> .....	3,674	3,721	2,610	2,630	263	290	750	734	52	67
Construction .....	565	605	470	498	9	9	87	99	--	--
Manufacturing .....	951	970	763	773	91	105	87	80	10	12
Other industries .....	2,158	2,146	1,376	1,360	163	176	576	555	42	55
<b>Service workers</b> .....	11,535	11,749	3,640	3,749	6,006	6,055	802	850	1,087	1,095
Private household workers .....	1,190	1,063	13	21	908	805	9	12	259	224
Service workers, except private household .....	10,345	10,686	3,627	3,728	5,098	5,249	792	838	828	871
Food service workers .....	3,456	3,765	604	669	1,864	2,046	444	488	544	561
Protective service workers .....	1,337	1,341	1,242	1,226	64	89	27	24	5	1
All other .....	5,552	5,581	1,781	1,833	3,170	3,114	321	326	279	309
<b>Farm workers</b> .....	2,503	2,425	2,020	1,945	275	231	173	230	36	19
Farmers and farm managers .....	1,537	1,420	1,433	1,345	87	66	15	9	2	--
<b>Farm laborers and supervisors</b> .....	966	1,005	586	600	188	165	158	221	34	19
Paid workers .....	740	815	552	569	67	60	99	174	22	12
Unpaid family workers .....	226	190	34	30	121	104	59	48	12	8

## A-21. Employed persons by major occupational group, sex, and color

[Percent (distribution)]

Occupational group and color	Total		Males		Females	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
<b>TOTAL</b>						
Total employed (thousands)	82,604	84,764	49,848	50,551	32,756	34,213
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	50.6	50.8	42.0	42.1	63.5	63.7
Professional and technical	15.4	15.8	15.1	15.5	15.8	16.1
Managers and administrators, except farm	10.4	10.6	13.9	14.2	4.9	5.4
Sales workers	6.4	6.1	6.2	6.0	6.8	6.4
Clerical workers	18.4	18.3	6.8	6.4	36.0	35.8
Blue-collar workers	32.4	32.4	44.6	44.5	13.8	14.7
Craft and kindred workers	12.8	12.8	20.3	20.4	1.4	1.6
Operatives, except transport	11.4	11.5	11.7	11.6	10.9	11.3
Transport equipment operatives	3.8	3.7	5.9	5.8	.6	.6
Nonfarm laborers	4.4	4.4	6.7	6.7	1.0	1.0
Service workers	14.0	13.9	8.9	9.1	21.7	20.9
Private household workers	1.4	1.3	(1)	(1)	3.6	3.0
Other service workers	12.5	12.6	8.9	9.0	18.1	17.9
Farm workers	3.0	2.9	4.4	4.3	.9	.7
Farmers and farm managers	1.9	1.7	2.9	2.7	.3	.2
Farm laborers and supervisors	1.2	1.2	1.5	1.6	.7	.5
<b>White</b>						
Total employed (thousands)	73,825	75,689	45,065	45,721	28,760	29,968
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	52.5	52.7	43.8	43.9	66.2	66.2
Professional and technical	15.9	16.2	15.7	16.1	16.3	16.3
Managers and administrators, except farm	11.1	11.4	14.8	15.1	5.3	5.7
Sales workers	6.9	6.6	6.7	6.4	7.3	6.9
Clerical workers	18.6	18.6	6.6	6.3	37.4	37.3
Blue-collar workers	31.8	32.0	43.6	43.7	13.4	14.2
Craft and kindred workers	13.3	13.3	20.8	20.9	1.4	1.7
Operatives, except transport	11.0	11.1	11.2	11.3	10.5	10.8
Transport equipment operatives	3.7	3.6	5.6	5.5	.6	.7
Nonfarm laborers	4.0	4.0	5.9	6.0	.9	1.0
Service workers	12.5	12.3	8.1	8.1	19.3	18.8
Private household workers	1.0	.9	(1)	(1)	2.5	2.1
Other service workers	11.5	11.4	8.1	8.0	16.9	16.7
Farm workers	3.1	3.0	4.5	4.4	1.0	.8
Farmers and farm managers	2.0	1.8	3.1	2.9	.3	.2
Farm laborers and supervisors	1.1	1.1	1.4	1.5	.7	.6
<b>Negro and other races</b>						
Total employed (thousands)	8,779	9,075	4,782	4,830	3,996	4,245
Percent	100.0	100.0	100.0	100.0	100.0	100.0
White-collar workers	34.0	35.0	25.5	25.4	44.1	45.9
Professional and technical	10.9	12.3	9.8	10.2	12.4	14.8
Managers and administrators, except farm	4.3	4.5	5.6	5.6	2.7	3.2
Sales workers	2.3	2.5	2.0	2.1	2.7	2.8
Clerical workers	16.5	15.8	8.1	7.5	26.5	25.1
Blue-collar workers	37.4	36.3	54.4	52.3	17.1	18.1
Craft and kindred workers	9.0	8.7	15.2	15.4	1.6	1.2
Operatives, except transport	14.7	15.1	15.7	15.1	13.6	15.0
Transport equipment operatives	5.1	4.9	8.9	8.8	.6	.4
Nonfarm laborers	8.6	7.6	14.6	13.1	1.4	1.4
Service workers	26.4	26.7	16.5	18.8	38.3	35.7
Private household workers	5.1	4.4	(1)	(1)	11.3	9.2
Other service workers	21.2	22.3	16.4	18.6	27.0	26.5
Farm workers	2.2	2.0	3.6	3.5	.5	.3
Farmers and farm managers	.5	.3	1.0	.6	--	--
Farm laborers and supervisors	1.7	1.7	2.7	2.9	.5	.3

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



## A-22. Employed persons by class of worker, age, and sex

[In thousands]

Age and sex	February 1976								
	Nonagricultural industries					Agriculture			
	Wage and salary workers				Self employed	Unpaid family workers	Wage and salary workers	Self employed	Unpaid family workers
	Total	Private household workers	Government	Other					
<b>Total, 16 years and over</b> .....	75,971	1,178	15,159	59,633	5,563	429	1,094	1,503	205
16 to 19 years .....	5,969	257	581	5,131	94	23	229	11	54
16 to 17 years .....	2,272	190	157	1,925	45	13	96	--	37
18 to 19 years .....	3,697	67	424	3,206	48	10	133	11	17
20 to 24 years .....	11,090	67	1,768	9,254	218	11	183	74	11
25 to 34 years .....	19,538	119	4,249	15,170	1,096	85	202	233	28
35 to 44 years .....	14,324	156	3,134	11,033	1,263	104	164	231	30
45 to 54 years .....	14,083	179	3,128	10,776	1,362	125	145	352	44
55 to 64 years .....	9,096	242	1,995	6,860	1,028	61	111	356	26
55 to 59 years .....	5,647	118	1,257	4,272	585	39	59	188	17
60 to 64 years .....	3,449	124	737	2,588	443	22	53	168	9
65 years and over .....	1,871	157	304	1,410	503	21	59	245	11
<b>Males, 16 years and over</b> .....	43,944	100	7,819	36,025	4,144	30	941	1,415	77
16 to 19 years .....	3,036	37	250	2,749	61	14	201	11	47
16 to 17 years .....	1,146	26	78	1,043	34	8	84	1	33
18 to 19 years .....	1,890	11	172	1,707	27	5	117	11	14
20 to 24 years .....	5,907	6	765	5,136	162	4	152	71	7
25 to 34 years .....	11,854	7	2,235	9,612	790	3	176	219	7
35 to 44 years .....	8,461	4	1,624	6,833	961	2	135	214	3
45 to 54 years .....	8,342	16	1,683	6,643	1,048	1	123	338	5
55 to 64 years .....	5,324	13	1,087	4,224	761	3	102	332	--
55 to 59 years .....	3,332	6	680	2,646	438	1	56	169	--
60 to 64 years .....	1,992	7	407	1,578	323	2	46	164	--
65 years and over .....	1,020	18	175	828	361	3	53	230	8
<b>Females, 16 years and over</b> .....	32,027	1,078	7,340	23,609	1,418	399	153	87	128
16 to 19 years .....	2,934	220	331	2,382	33	10	28	--	7
16 to 17 years .....	1,126	164	79	883	11	5	12	--	5
18 to 19 years .....	1,808	56	252	1,499	22	5	16	--	3
20 to 24 years .....	5,183	62	1,003	4,118	55	7	37	3	4
25 to 34 years .....	7,684	112	2,015	5,558	305	81	26	15	21
35 to 44 years .....	5,863	153	1,510	4,201	302	102	29	17	27
45 to 54 years .....	5,741	163	1,445	4,133	315	124	23	14	39
55 to 64 years .....	3,772	228	908	2,636	267	58	9	24	26
55 to 59 years .....	2,315	112	577	1,626	147	38	2	19	17
60 to 64 years .....	1,457	117	331	1,010	120	20	6	5	9
65 years and over .....	850	140	129	582	142	17	7	15	3

**A-23. 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 <sup>1</sup>			
					Paid absences <sup>2</sup>		Unpaid absences <sup>2</sup>	
	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976	Feb. 1975	Feb. 1976
<b>Total</b> .....	3,673	3,700	3,438	3,478	1,305	1,396	1,603	1,639
Vacation .....	961	988	926	936	650	604	176	218
Illness .....	1,504	1,701	1,440	1,622	549	675	745	835
Bad weather .....	298	171	224	132	--	--	--	--
Industrial dispute .....	55	41	55	41	--	--	--	--
All other reasons .....	855	799	792	748	106	117	682	586
<b>Males</b> .....	2,276	2,190	2,051	1,975	871	849	819	820
Vacation .....	627	593	597	543	444	363	90	100
Illness .....	870	979	809	902	358	416	369	423
All other reasons <sup>3</sup> .....	778	618	645	530	68	70	360	297
<b>Females</b> .....	1,397	1,511	1,386	1,503	433	547	784	819
Vacation .....	334	395	329	393	206	241	86	117
Illness .....	634	721	631	719	190	259	376	412
All other reasons <sup>3</sup> .....	430	394	427	390	37	47	322	289

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

<sup>3</sup> Includes bad weather and industrial dispute, not shown separately.

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

**A-24. Persons at work by type of industry and hours of work**

Hours of work	February 1976					
	Thousands of persons			Percent distribution		
	All industries	Nonagri-cultural industries	Agri-culture	All industries	Nonagri-cultural industries	Agri-culture
<b>Total at work</b> .....	81,064	78,485	2,579	100.0	100.0	100.0
<b>1-34 hours</b> .....	21,830	20,909	922	26.9	26.6	35.7
1-4 hours .....	844	803	42	1.0	1.0	1.6
5-14 hours .....	4,238	3,983	255	5.2	5.1	9.9
15-29 hours .....	10,530	10,100	430	13.0	12.9	16.7
30-34 hours .....	6,218	6,023	195	7.7	7.7	7.6
<b>35 hours and over</b> .....	59,234	57,577	1,658	73.1	73.4	64.3
35-39 hours .....	5,355	5,201	154	6.6	6.6	6.0
40 hours .....	33,640	33,218	422	41.5	42.3	16.4
<b>41 hours and over</b> .....	20,239	19,158	1,082	25.0	24.4	41.9
41 to 48 hours .....	8,329	8,109	220	10.3	10.3	8.5
49 to 59 hours .....	6,808	6,456	352	8.4	8.2	13.6
60 hours and over .....	5,102	4,593	510	6.3	5.9	19.8
Average hours, total at work .....	38.0	37.9	40.1	--	--	--
Average hours, workers on full-time schedules .....	42.5	42.3	49.0	--	--	--

## A-25. Persons at work 1 - 34 hours by usual status and reason working less than 35 hours

[In thousands]

Reasons working less than 35 hours	February 1976					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total	21,830	8,019	13,812	20,909	7,653	13,256
Economic reasons	3,410	1,607	1,803	3,154	1,427	1,727
Slack work	1,885	1,271	614	1,658	1,098	560
Material shortages or repairs to plant and equipment	61	61	--	60	60	--
New job started during week	193	193	--	188	188	--
Job terminated during week	82	82	--	81	81	--
Could find only part-time work	1,188	--	1,188	1,166	--	1,166
Other reasons	18,419	6,410	12,009	17,755	6,225	11,529
Does not want, or unavailable for, full-time work	9,888	--	9,888	9,551	--	9,551
Vacation	575	575	--	569	569	--
Illness	2,439	2,265	174	2,380	2,236	144
Bad weather	371	371	--	271	271	--
Industrial dispute	29	29	--	29	29	--
Legal or religious holiday	1,924	1,924	--	1,919	1,919	--
Full time for this job	1,380	--	1,380	1,334	--	1,334
All other reasons	1,812	1,245	567	1,700	1,200	500
Average hours:						
Economic reasons	21.4	24.1	18.9	21.4	24.4	18.6
Other reasons	20.9	26.4	17.9	21.0	26.5	18.0
Worked 30 to 34 hours:						
Economic reasons	1,007	698	309	927	630	297
Other reasons	4,348	2,550	1,798	5,096	3,342	1,754

## A-26. Nonagricultural workers by industry and full- or part-time status

[Numbers in thousands]

Industry	February 1976								
	Percent distribution						Average hours, total at work	Average hours, workers on full-time schedules	
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules					
			Total	40 hours or less	41 to 48 hours	49 hours or more			
Total <sup>1</sup>	78,485	3,154	11,529	63,802	44,644	8,109	11,049	37.9	42.3
Wage and salary workers	72,891	2,819	10,523	59,549	42,890	7,645	9,014	37.6	41.8
Construction	3,583	269	132	3,182	2,496	348	338	38.1	40.3
Manufacturing	18,627	605	600	17,422	12,619	2,717	2,086	40.3	41.6
Durable goods	11,040	238	232	10,570	7,679	1,590	1,301	40.9	41.6
Nondurable goods	7,588	367	368	6,853	4,941	1,127	785	39.5	41.5
Transportation and public utilities	5,113	152	351	4,610	3,411	510	689	39.8	41.9
Wholesale and retail trade	14,668	789	3,769	10,110	6,350	1,642	2,118	35.8	43.2
Finance, insurance, and real estate	4,244	61	460	3,723	2,753	393	577	38.4	41.1
Service industries	21,396	871	4,917	15,608	11,410	1,572	2,626	35.2	41.9
Private households	1,133	158	645	330	224	34	72	27.9	45.3
All other industries	20,263	713	4,272	15,278	11,186	1,538	2,554	35.9	41.7
Public administration	4,621	58	282	4,281	3,469	366	446	38.5	40.1
Self-employed workers	5,165	320	850	3,995	1,628	426	1,941	42.2	49.6
Unpaid family workers	429	15	156	258	126	38	94	37.8	48.0

<sup>1</sup> Includes mining not shown separately.

A-27. Persons at work in nonagricultural industries by full- or part-time status, sex and age, color, and marital status

[Numbers in thousands]

Sex and age, color and marital status	February 1976							
	Total at work	On part time for economic reasons	On voluntary part time	On full-time schedules			Average hours, total at work	Average hours, workers on full-time schedules
				Total	40 hours or less	41 hours or more		
<b>Total, 16 years and over</b> .....	78,485	3,154	11,529	63,802	44,644	19,158	37.9	42.3
16 to 21 years .....	10,114	737	4,169	5,208	4,094	1,114	28.8	40.2
16 to 19 years .....	5,911	452	3,209	2,250	1,801	449	25.0	39.7
16 to 17 years .....	2,271	108	1,906	257	219	38	17.2	37.9
18 to 19 years .....	3,640	343	1,303	1,994	1,583	411	29.9	40.0
20 years and over .....	72,574	2,702	8,321	61,551	42,842	18,709	38.9	42.4
20 to 24 years .....	10,943	646	1,724	8,573	6,452	2,121	36.3	41.0
25 years and over .....	61,630	2,057	6,598	52,975	36,387	16,588	39.4	42.5
25 to 44 years .....	35,049	1,153	3,275	30,641	20,669	9,972	39.8	42.7
45 to 64 years .....	24,381	812	2,323	21,246	14,944	6,302	39.6	42.3
65 years and over .....	2,201	90	1,020	1,091	776	315	29.6	42.7
<b>Males, 16 years and over</b> .....	46,143	1,481	3,529	41,133	25,924	15,209	40.9	43.7
16 to 21 years .....	5,206	332	1,987	2,887	2,052	835	30.6	41.4
16 to 19 years .....	3,007	196	1,564	1,247	910	337	26.6	40.9
16 to 17 years .....	1,149	52	945	152	122	30	18.7	39.3
18 to 19 years .....	1,858	144	618	1,096	789	307	31.5	41.1
20 years and over .....	43,136	1,285	1,965	39,886	25,014	14,872	41.9	43.7
20 to 24 years .....	5,880	311	773	4,796	3,213	1,583	38.0	42.3
25 years and over .....	37,256	974	1,192	35,090	21,801	13,289	42.6	44.0
25 to 44 years .....	21,332	580	352	20,400	12,343	8,057	43.2	44.3
45 to 64 years .....	14,667	338	346	13,983	8,954	5,029	42.6	43.6
65 years and over .....	1,256	56	494	706	501	205	31.1	42.1
<b>Females, 16 years and over</b> .....	32,342	1,672	8,001	22,669	18,722	3,947	33.5	39.7
16 to 21 years .....	4,908	404	2,181	2,323	2,044	279	26.9	38.7
16 to 19 years .....	2,904	256	1,645	1,003	891	112	23.4	38.3
16 to 17 years .....	1,122	55	960	107	100	7	15.7	35.9
18 to 19 years .....	1,782	200	685	897	793	104	28.2	38.6
20 years and over .....	29,438	1,418	6,356	21,664	17,828	3,836	34.5	39.8
20 to 24 years .....	5,062	335	951	3,776	3,239	537	34.2	39.3
25 years and over .....	24,377	1,083	5,405	17,889	14,590	3,299	34.5	40.0
25 to 44 years .....	13,717	574	2,903	10,240	8,326	1,914	34.6	39.7
45 to 64 years .....	9,714	474	1,977	7,263	5,989	1,274	35.1	40.0
65 years and over .....	946	34	525	387	277	110	27.6	43.8
<b>COLOR</b>								
White .....	70,017	2,596	10,566	56,855	38,886	17,969	38.0	42.5
<b>Males</b> .....	41,731	1,231	3,237	37,263	22,893	14,370	41.2	43.9
<b>Females</b> .....	28,286	1,364	7,329	19,593	15,994	3,599	33.3	39.8
Negro and other races .....	8,468	558	964	6,946	5,757	1,189	36.8	40.5
<b>Males</b> .....	4,412	251	292	3,869	3,025	840	38.8	41.5
<b>Females</b> .....	4,056	308	672	3,076	2,728	348	34.6	39.2
<b>MARITAL STATUS</b>								
<b>Males:</b>								
Married, spouse present .....	34,228	860	1,014	32,354	19,881	12,473	42.6	43.9
Widowed, divorced, or separated .....	3,004	114	155	2,735	1,757	978	41.7	43.9
Single (never married) .....	8,911	507	2,360	6,044	4,286	1,758	34.2	42.2
<b>Females:</b>								
Married, spouse present .....	18,718	842	4,669	13,207	11,031	2,176	33.7	39.5
Widowed, divorced, or separated .....	5,982	344	959	4,679	3,693	986	35.8	40.4
Single (never married) .....	7,642	486	2,373	4,783	3,998	785	31.1	39.8

## A-28. Persons at work in nonfarm occupations by full- or part-time status and sex

[Numbers in thousands]

Occupational group and sex	February 1976								
	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		
<b>TOTAL</b>									
White-collar workers	41,434	942	5,998	34,494	23,449	3,877	7,168	38.7	42.7
Professional and technical	12,873	218	1,521	11,134	7,377	1,257	2,500	39.3	42.8
Managers and administrators, except farm	8,666	109	364	8,193	3,984	1,143	3,066	45.5	46.9
Sales workers	4,983	179	1,236	3,568	2,119	469	980	36.8	44.1
Clerical workers	14,913	436	2,877	11,600	9,971	1,008	621	34.8	39.2
Blue-collar workers	26,107	1,439	1,777	22,891	16,320	3,509	3,062	39.2	41.8
Craft and kindred workers	10,367	416	326	9,625	6,628	1,519	1,478	40.8	42.3
Operatives, except transport	9,269	554	566	8,149	6,158	1,227	764	38.8	41.1
Transport equipment operatives	2,974	163	311	2,500	1,510	391	599	40.0	43.9
Nonfarm laborers	3,497	305	575	2,617	2,023	372	222	34.6	40.1
Service workers	11,283	807	3,817	6,659	5,017	753	889	31.9	41.7
Private household	1,023	130	600	293	198	24	71	23.0	46.2
Other service workers	10,260	677	3,217	6,366	4,820	729	817	32.7	41.5
<b>Males</b>									
White-collar workers	20,543	280	1,327	18,936	10,590	2,497	5,849	43.1	45.2
Professional and technical	7,561	90	456	7,015	4,298	779	1,938	42.3	44.3
Managers and administrators, except farm	6,913	68	147	6,698	2,969	978	2,751	46.9	47.8
Sales workers	2,942	43	352	2,547	1,296	384	967	41.8	45.5
Clerical workers	3,126	78	372	2,676	2,026	357	293	37.7	41.0
Blue-collar workers	21,389	1,052	1,245	19,092	13,177	3,042	2,873	39.9	42.2
Craft and kindred workers	9,845	396	250	9,199	6,311	1,452	1,436	41.0	42.4
Operatives, except transport	5,634	237	305	5,092	3,592	861	639	40.1	42.1
Transport equipment operatives	2,765	151	188	2,426	1,445	392	589	41.2	44.1
Nonfarm laborers	3,145	267	502	2,376	1,830	337	209	34.8	40.2
Service workers	4,436	172	977	3,287	2,263	441	583	36.1	43.0
Private household	28	2	17	9	6	2	1	19.7	44.6
Other service workers	4,408	171	960	3,277	2,256	439	582	36.3	43.0
<b>Females</b>									
White-collar workers	20,891	661	4,671	15,559	12,860	1,380	1,319	34.3	39.7
Professional and technical	5,312	127	1,065	4,120	3,080	478	562	35.1	40.3
Managers and administrators, except farm	1,753	41	217	1,495	1,016	165	314	39.8	42.3
Sales workers	2,040	136	884	1,020	822	85	113	29.5	40.4
Clerical workers	11,787	357	2,505	8,925	7,946	651	328	34.0	38.7
Blue-collar workers	4,718	387	531	3,800	3,144	467	189	36.0	39.6
Craft and kindred workers	522	20	76	426	318	67	41	37.3	41.5
Operatives, except transport	3,635	317	260	3,058	2,567	366	125	36.8	39.4
Transport equipment operatives	209	12	122	75	65	--	10	24.9	38.5
Nonfarm laborers	352	37	73	242	194	35	13	32.8	39.7
Service workers	6,847	635	2,840	3,372	2,754	312	306	29.1	40.4
Private household	995	129	583	283	190	22	71	23.1	46.3
Other service workers	5,852	506	2,257	3,089	2,564	290	235	30.1	39.8

## A-29. Employment status of 14-15 year-olds by sex and color

[Numbers in thousands]

Employment status	February 1976								
	Total			White			Negro and other races		
	Both sexes	Males	Females	Both sexes	Males	Females	Both sexes	Males	Females
Civilian noninstitutional population	8,448	4,299	4,149	7,136	3,641	3,495	1,312	658	654
Civilian labor force	1,212	612	600	1,131	570	561	81	42	39
Employed	1,028	500	529	988	478	509	41	21	19
Agriculture	73	66	8	70	64	6	3	2	1
Nonagricultural industries	955	434	521	917	414	503	38	20	18
Unemployed	183	112	71	143	92	52	40	20	20
Unemployment rate	15.1	18.3	11.3	12.6	16.1	9.3	49.4	(1)	(1)
Not in labor force	7,236	3,687	3,549	6,005	3,071	2,934	1,231	616	615
Keeping house	55	8	47	45	8	37	10	-	10
Going to school	7,040	3,609	3,432	5,838	3,002	2,836	1,202	606	596
Unable to work	7	4	3	6	4	2	2	1	1
All other reasons	134	66	67	116	57	59	18	10	9

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

## A-30. Employed 14-15 year-olds by sex, class of worker, and major occupational group

Characteristics	February 1976					
	Thousands of persons			Percent distribution		
	Both sexes	Males	Females	Both sexes	Males	Females
<b>CLASS OF WORKER</b>						
Total	1,028	500	529	100.0	100.0	100.0
Nonagricultural industries	955	434	521	92.9	86.8	98.3
Wage and salary workers	855	342	513	83.1	68.3	97.0
Private household workers	423	58	365	41.1	11.6	68.9
Government workers	43	21	22	4.2	4.2	4.2
Other wage and salary workers	389	262	127	37.8	52.5	24.0
Self-employed workers	90	80	9	8.7	16.0	1.7
Unpaid family workers	11	12	-	1.1	2.4	-
Agriculture	73	66	8	7.1	13.2	1.3
Wage and salary workers	41	37	4	4.0	7.4	.8
Self-employed workers	8	7	1	.8	1.4	.2
Unpaid family workers	24	22	2	2.3	4.4	.4
<b>OCCUPATION</b>						
Total	1,028	500	529	100.0	100.0	100.0
White-collar workers	277	197	80	26.9	39.5	15.1
Professional and technical	16	5	11	1.6	1.0	2.1
Managers and administrators, except farm	7	7	-	.7	1.4	-
Sales workers	210	178	32	20.4	35.7	6.0
Clerical workers	44	7	37	4.3	1.4	7.0
Blue-collar workers	113	100	13	11.0	20.0	2.5
Craft and kindred workers	6	4	2	.6	.8	.4
Operatives, except transport	34	25	9	3.3	5.0	1.7
Transport equipment operatives	6	6	-	.6	1.2	-
Nonfarm laborers	67	65	2	6.5	13.0	.4
Service workers	572	141	431	55.6	28.3	81.3
Private household workers	399	38	361	38.8	7.6	68.1
Other service workers	173	103	70	16.8	20.6	13.2
Farm workers	67	61	6	6.5	12.2	1.1
Farmers and farm managers	9	8	1	.9	1.6	.2
Farm laborers and supervisors	58	53	5	5.6	10.6	.9

**A-31. Employment status of the noninstitutional population by sex and age, seasonally adjusted**

[Numbers in thousands]

Employment status	1975												1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	
Total noninstitutional population <sup>1</sup>	152,445	152,646	152,840	153,051	153,278	153,585	153,824	154,052	154,256	154,476	154,700	154,915	155,106	
Total labor force	93,721	94,078	94,449	94,950	94,747	95,249	95,397	95,298	95,377	95,272	95,286	95,624	95,601	
Percent of total population	61.5	61.6	61.8	62.0	61.8	62.0	62.0	61.9	61.8	61.7	61.6	61.7	61.6	
Civilian noninstitutional population <sup>1</sup>	150,246	150,447	150,645	150,870	151,100	151,399	151,639	151,882	152,092	152,320	152,543	152,775	152,960	
Civilian labor force	91,523	91,880	92,254	92,769	92,569	93,063	93,212	93,128	93,213	93,117	93,129	93,484	93,455	
Percent of civilian population	60.9	61.1	61.2	61.5	61.3	61.5	61.5	61.3	61.3	61.1	61.1	61.2	61.1	
Employed	84,163	84,110	84,313	84,519	84,498	84,967	85,288	85,158	85,151	85,178	85,394	86,194	86,319	
Percent of civilian population	56.0	55.9	56.0	56.0	55.9	56.1	56.2	56.1	56.0	55.9	56.0	56.4	56.4	
Agriculture	3,252	3,268	3,301	3,528	3,350	3,439	3,464	3,512	3,408	3,301	3,236	3,343	3,170	
Nonagricultural industries	80,911	80,842	81,012	80,991	81,148	81,528	81,824	81,646	81,743	81,877	82,158	82,851	83,149	
Unemployed	7,360	7,770	7,941	8,250	8,071	8,096	7,924	7,970	8,062	7,939	7,735	7,290	7,136	
Unemployment rate	8.0	8.5	8.6	8.9	8.7	8.7	8.5	8.6	8.6	8.5	8.3	7.8	7.6	
Not in labor force	58,723	58,567	58,391	58,101	58,531	58,336	58,427	58,754	58,879	59,203	59,414	59,291	59,505	
<b>Males, 20 years and over</b>														
Total noninstitutional population <sup>1</sup>	64,644	64,730	64,812	64,901	65,000	65,128	65,234	65,353	65,444	65,542	65,643	65,739	65,821	
Total labor force	52,176	52,200	52,432	52,724	52,519	52,848	52,866	52,931	52,944	52,888	52,651	52,576	52,603	
Percent of total population	80.7	80.6	80.9	81.2	80.8	81.1	81.0	81.0	80.9	80.7	80.2	80.0	79.9	
Civilian noninstitutional population <sup>1</sup>	62,911	62,997	63,080	63,180	63,282	63,403	63,498	63,629	63,725	63,830	63,929	64,055	64,133	
Civilian labor force	50,443	50,467	50,701	51,003	50,801	51,123	51,130	51,208	51,225	51,176	50,937	50,892	50,914	
Percent of civilian population	80.2	80.1	80.4	80.7	80.3	80.6	80.5	80.4	80.5	80.2	79.7	79.5	79.4	
Employed	47,339	47,158	47,271	47,336	47,250	47,481	47,655	47,516	47,513	47,521	47,586	47,916	47,997	
Agriculture	2,420	2,413	2,427	2,458	2,413	2,443	2,461	2,473	2,430	2,382	2,316	2,351	2,305	
Nonagricultural industries	44,919	44,745	44,844	44,878	44,837	45,038	45,194	45,043	45,083	45,135	45,270	45,565	45,692	
Unemployed	3,104	3,309	3,430	3,667	3,551	3,642	3,475	3,692	3,712	3,655	3,351	2,976	2,917	
Unemployment rate	6.2	6.6	6.8	7.2	7.0	7.1	6.8	7.2	7.2	7.1	6.6	5.8	5.7	
Not in labor force	12,468	12,530	12,379	12,177	12,481	12,280	12,368	12,421	12,500	12,654	12,992	13,163	13,219	
<b>Females, 20 years and over</b>														
Civilian noninstitutional population <sup>1</sup>	71,167	71,266	71,358	71,463	71,574	71,729	71,839	71,926	72,029	72,139	72,251	72,354	72,452	
Civilian labor force	32,351	32,659	32,835	32,848	32,964	33,097	33,227	33,121	33,236	33,256	33,415	33,683	33,687	
Percent of population	45.5	45.8	46.0	46.0	46.1	46.1	46.3	46.0	46.1	46.1	46.2	46.6	46.5	
Employed	29,792	29,959	30,043	30,077	30,266	30,453	30,607	30,551	30,621	30,619	30,755	31,140	31,165	
Agriculture	457	445	459	541	494	521	542	536	534	491	483	545	420	
Nonagricultural industries	29,335	29,514	29,584	29,536	29,772	29,932	30,065	30,015	30,087	30,128	30,272	30,595	30,745	
Unemployed	2,559	2,700	2,792	2,771	2,698	2,644	2,620	2,570	2,615	2,637	2,660	2,543	2,522	
Unemployment rate	7.9	8.3	8.5	8.4	8.2	8.0	7.9	7.8	7.9	7.9	8.0	7.5	7.5	
Not in labor force	38,816	38,607	38,523	38,615	38,610	38,632	38,612	38,805	38,793	38,883	38,836	38,671	38,765	
<b>Both sexes, 16-19 years</b>														
Civilian noninstitutional population <sup>1</sup>	16,168	16,184	16,207	16,226	16,244	16,267	16,302	16,327	16,338	16,352	16,363	16,366	16,376	
Civilian labor force	8,729	8,754	8,718	8,918	8,804	8,843	8,855	8,799	8,752	8,685	8,777	8,909	8,854	
Percent of population	54.0	54.1	53.8	55.0	54.2	54.4	54.3	53.9	53.6	53.1	53.6	54.4	54.1	
Employed	7,032	6,993	6,999	7,106	6,982	7,033	7,026	7,091	7,017	7,038	7,053	7,138	7,157	
Agriculture	375	410	415	529	443	475	461	503	444	424	437	447	445	
Nonagricultural industries	6,657	6,583	6,584	6,577	6,539	6,558	6,565	6,588	6,573	6,614	6,616	6,691	6,712	
Unemployed	1,697	1,761	1,719	1,812	1,822	1,810	1,829	1,708	1,735	1,647	1,724	1,771	1,697	
Unemployment rate	19.4	20.1	19.7	20.3	20.7	20.5	20.7	19.4	19.8	19.0	19.6	19.9	19.2	
Not in labor force	7,439	7,430	7,489	7,308	7,440	7,424	7,447	7,528	7,586	7,667	7,586	7,457	7,522	

<sup>1</sup> Because seasonality, by definition, does not exist in population figures, these figures are not seasonally adjusted. NOTE: Detail for the household data shown in tables A-31 through A-40 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

**A-32. Full- and part-time status of the civilian labor force, seasonally adjusted**

[Numbers in thousands]

Full- and part-time employment status	1975												1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	
<b>FULL TIME</b>														
Total, 16 years and over:														
Civilian labor force	78,393	78,523	78,859	79,371	78,723	79,004	79,348	79,593	79,790	79,738	79,824	79,801	79,800	
Employed	72,414	72,206	72,295	72,596	72,078	72,311	72,882	72,899	73,032	73,112	73,500	73,962	74,222	
Unemployed	5,979	6,317	6,564	6,775	6,645	6,693	6,466	6,694	6,758	6,626	6,324	5,839	5,678	
Unemployment rate	7.6	8.0	8.3	8.5	8.4	8.5	8.1	8.4	8.5	8.3	7.9	7.3	7.1	
<b>PART TIME</b>														
Total, 16 years and over:														
Civilian labor force	13,199	13,301	13,464	13,288	13,838	14,165	13,969	13,743	13,534	13,411	13,295	13,760	13,722	
Employed	11,855	11,863	12,051	11,866	12,441	12,769	12,524	12,389	12,127	12,049	11,893	12,317	12,231	
Unemployed	1,344	1,438	1,413	1,422	1,397	1,396	1,445	1,354	1,407	1,362	1,402	1,442	1,426	
Unemployment rate	10.2	10.8	10.5	10.7	10.1	9.9	10.3	9.9	10.4	10.2	10.5	10.5	10.4	

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**

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**A-33. Employment status by color, sex, and age, seasonally adjusted**

(Numbers in thousands)

Characteristics	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
<b>WHITE</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force	81,143	81,551	81,777	82,260	82,044	82,520	82,556	82,478	82,725	82,517	82,474	82,738	82,715
Employed	75,225	75,216	75,356	75,462	75,457	75,831	76,130	76,041	76,077	76,059	76,223	76,839	77,101
Unemployed	5,918	6,335	6,421	6,798	6,587	6,689	6,426	6,437	6,648	6,458	6,251	5,899	5,614
Unemployment rate	7.3	7.8	7.9	8.3	8.0	8.1	7.8	7.8	8.0	7.8	7.6	7.1	6.8
<b>Males, 20 years and over:</b>													
Civilian labor force	45,248	45,346	45,515	45,793	45,623	45,831	45,822	45,888	46,025	45,878	45,631	45,620	45,659
Employed	42,752	42,611	42,698	42,725	42,688	42,774	42,949	42,840	42,920	42,905	42,954	43,229	43,363
Unemployed	2,496	2,735	2,817	3,068	2,935	3,057	2,873	3,048	3,105	2,973	2,677	2,391	2,296
Unemployment rate	5.5	6.0	6.2	6.7	6.4	6.7	6.3	6.6	6.7	6.5	5.9	5.2	5.0
<b>Females, 20 years and over:</b>													
Civilian labor force	28,118	28,365	28,512	28,537	28,575	28,732	28,808	28,703	28,886	28,882	29,012	29,137	29,137
Employed	26,034	26,164	26,239	26,261	26,405	26,577	26,738	26,703	26,726	26,724	26,830	27,086	27,177
Unemployed	2,084	2,201	2,273	2,276	2,170	2,155	2,070	2,000	2,160	2,158	2,182	2,051	1,960
Unemployment rate	7.4	7.8	8.0	8.0	7.6	7.5	7.2	7.0	7.5	7.5	7.5	7.0	6.7
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force	7,777	7,840	7,750	7,930	7,846	7,957	7,926	7,887	7,814	7,757	7,831	7,981	7,919
Employed	6,439	6,441	6,419	6,476	6,364	6,480	6,443	6,498	6,431	6,430	6,439	6,524	6,561
Unemployed	1,338	1,399	1,331	1,454	1,482	1,477	1,483	1,389	1,383	1,327	1,392	1,457	1,358
Unemployment rate	17.2	17.8	17.2	18.3	18.9	18.6	18.7	17.6	17.7	17.1	17.8	18.3	17.1
<b>NEGRO AND OTHER RACES</b>													
<b>Total, 16 years and over:</b>													
Civilian labor force	10,405	10,330	10,403	10,479	10,484	10,503	10,659	10,728	10,668	10,684	10,653	10,731	10,795
Employed	9,019	8,903	8,931	8,996	9,013	9,093	9,134	9,180	9,147	9,197	9,188	9,314	9,315
Unemployed	1,386	1,427	1,472	1,483	1,471	1,410	1,525	1,548	1,521	1,487	1,465	1,417	1,480
Unemployment rate	13.3	13.8	14.1	14.2	14.0	13.4	14.3	14.4	14.3	13.9	13.8	13.2	13.7
<b>Males, 20 years and over:</b>													
Civilian labor force	5,183	5,115	5,158	5,199	5,190	5,262	5,320	5,360	5,294	5,338	5,285	5,245	5,276
Employed	4,612	4,535	4,541	4,595	4,579	4,654	4,702	4,692	4,650	4,653	4,633	4,657	4,686
Unemployed	571	580	617	604	611	608	618	668	644	685	652	588	590
Unemployment rate	11.0	11.3	12.0	11.6	11.8	11.6	11.6	12.5	12.2	12.8	12.3	11.2	11.2
<b>Females, 20 years and over:</b>													
Civilian labor force	4,254	4,304	4,300	4,330	4,354	4,313	4,400	4,420	4,422	4,421	4,419	4,527	4,581
Employed	3,789	3,823	3,806	3,805	3,832	3,839	3,846	3,881	3,894	3,936	3,940	4,030	4,021
Unemployed	465	481	494	525	522	474	554	539	528	485	479	497	560
Unemployment rate	10.9	11.2	11.5	12.1	12.0	11.0	12.6	12.2	11.9	11.0	10.8	11.0	12.2
<b>Both sexes, 16 to 19 years:</b>													
Civilian labor force	968	911	945	950	940	928	939	948	952	925	949	959	938
Employed	618	545	584	596	602	600	586	607	603	608	615	627	608
Unemployed	350	366	361	354	338	328	353	341	349	317	334	332	330
Unemployment rate	36.2	40.2	38.2	37.3	36.0	35.3	37.6	36.0	36.7	34.3	35.2	34.6	35.2



## A-34. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

Selected categories	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
Total (all civilian workers)	8.0	8.5	8.6	8.9	8.7	8.7	8.5	8.6	8.6	8.5	8.3	7.8	7.6
Males, 20 years and over	6.2	6.6	6.8	7.2	7.0	7.1	6.8	7.2	7.2	7.1	6.6	5.8	5.7
Females, 20 years and over	7.9	8.3	8.5	8.4	8.2	8.0	7.9	7.8	7.9	7.9	8.0	7.5	7.5
Both sexes, 16-19 years	19.4	20.1	19.7	20.3	20.7	20.5	20.7	19.4	19.8	19.0	19.6	19.9	19.2
White	7.3	7.8	7.9	8.3	8.0	8.1	7.8	7.8	8.0	7.8	7.6	7.1	6.8
Negro and other races	13.3	13.8	14.1	14.2	14.0	13.4	14.3	14.4	14.3	13.9	13.8	13.2	13.7
Household heads	5.3	5.7	5.8	6.1	6.1	6.1	5.7	6.0	6.0	5.8	5.7	5.1	4.9
Married men	4.7	5.0	5.3	5.7	5.5	5.5	5.2	5.5	5.3	5.1	4.8	4.1	4.1
Full-time workers	7.6	8.0	8.3	8.5	8.4	8.5	8.1	8.4	8.5	8.3	7.9	7.3	7.1
Part-time workers	10.2	10.8	10.5	10.7	10.1	9.9	10.3	9.9	10.4	10.2	10.5	10.5	10.4
Unemployed 15 weeks and over <sup>1</sup>	2.0	2.2	2.5	2.7	3.0	3.2	3.1	3.2	2.9	3.2	3.3	3.0	2.7
Labor force time lost <sup>2</sup>	8.7	9.3	9.4	9.7	8.9	8.9	8.9	9.1	9.4	9.3	8.9	8.4	8.1
<b>OCCUPATION</b>													
White-collar workers	4.4	4.6	4.8	5.3	4.8	4.8	4.6	4.8	4.8	4.8	4.8	4.7	4.6
Professional and technical	3.2	2.9	3.3	3.6	3.2	3.5	3.0	3.2	3.2	3.7	3.1	3.0	3.6
Managers and administrators, except farm	2.7	2.9	3.1	3.3	3.0	3.0	3.0	3.4	2.9	2.9	3.0	2.9	2.9
Sales workers	5.3	5.9	5.7	5.9	5.8	5.1	5.8	5.8	6.0	6.3	6.3	6.4	5.2
Clerical workers	6.0	6.5	6.5	7.7	6.7	6.8	6.5	6.5	6.7	6.4	6.6	6.4	6.1
Blue-collar workers	10.6	12.0	12.6	12.8	12.4	12.3	11.9	11.9	11.6	11.3	10.7	9.4	9.3
Craft and kindred workers	6.4	8.5	8.7	9.1	9.2	9.3	8.5	8.8	8.7	8.3	7.2	6.6	6.7
Operatives	12.8	13.6	14.5	14.2	13.9	13.4	13.3	13.2	12.5	12.4	12.2	10.2	9.8
Nonfarm laborers	14.3	15.7	16.4	17.5	15.8	16.0	16.2	15.7	16.4	15.5	14.9	14.1	14.1
Service workers	7.7	8.2	8.2	8.6	8.5	8.4	9.2	8.8	9.1	8.7	9.2	9.3	8.9
Farm workers	3.1	4.0	3.7	3.4	3.2	3.0	3.7	3.5	3.7	3.8	4.5	3.9	3.9
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers <sup>3</sup>	8.6	9.1	9.6	9.8	9.6	9.4	9.3	9.2	9.2	9.2	8.9	8.1	8.0
Construction	16.3	18.0	19.0	20.9	20.5	20.4	19.7	18.7	18.1	17.5	16.6	15.4	15.5
Manufacturing	10.7	11.0	11.8	11.9	12.0	11.5	11.1	10.8	10.6	10.5	9.6	8.1	8.0
Durable goods	10.6	10.8	12.2	12.3	12.7	12.1	12.0	11.5	11.1	10.8	9.9	8.2	8.0
Nondurable goods	10.8	11.2	11.2	11.3	10.9	10.6	9.8	9.9	9.7	10.0	9.2	8.0	8.1
Transportation and public utilities	5.1	5.5	6.2	6.3	5.8	5.6	5.6	5.8	5.6	4.9	5.1	4.9	4.7
Wholesale and retail trade	7.9	8.7	8.9	8.8	8.5	8.4	8.9	8.9	9.1	9.4	9.4	8.7	8.4
Finance and service industries	6.3	6.5	6.5	7.0	6.6	6.5	6.2	6.5	7.0	7.0	7.0	7.0	6.8
Government workers	3.6	3.8	3.7	4.8	3.9	4.1	4.0	4.1	4.3	4.0	4.4	4.2	4.4
Agricultural wage and salary workers	9.0	11.1	11.2	9.6	10.1	9.3	10.5	10.6	10.7	10.2	12.4	10.8	10.6

<sup>1</sup> Unemployment rate calculated as a percent of civilian labor force.<sup>3</sup> Includes mining, not shown separately.<sup>2</sup> Aggregate hours lost by the unemployed and persons on part-time for economic reasons as a percent of potentially available labor force hours.

## A-35. Unemployed persons by duration of unemployment, seasonally adjusted

[Numbers in thousands]

Weeks of unemployment	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
Less than 5 weeks	2,886	3,165	2,935	3,081	2,733	2,868	2,758	2,820	3,015	2,641	2,648	2,706	2,686
5 to 14 weeks	2,484	2,540	2,590	2,589	2,511	2,141	2,449	2,444	2,446	2,469	2,244	2,091	1,856
15 weeks and over	1,828	1,978	2,278	2,529	2,751	2,954	2,878	2,934	2,719	3,004	3,080	2,785	2,515
15 to 26 weeks	1,107	1,240	1,341	1,479	1,480	1,600	1,431	1,352	1,238	1,286	1,413	1,155	957
27 weeks and over	721	738	937	1,050	1,271	1,354	1,447	1,582	1,481	1,718	1,667	1,630	1,558
Average (mean) duration, in weeks	11.7	11.4	12.8	13.3	15.3	15.1	15.5	16.2	15.6	16.9	17.0	16.9	16.2
<b>Percent distribution</b>													
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	39.9	41.2	37.6	37.6	34.2	36.0	34.1	34.4	36.9	32.5	33.2	35.7	38.1
5 to 14 weeks	34.6	33.1	33.2	31.6	31.4	26.9	30.3	29.8	29.9	30.4	28.1	27.6	26.3
15 weeks and over	25.5	25.7	29.2	30.8	34.4	37.1	35.6	35.8	33.2	37.0	38.6	36.7	35.6
15 to 26 weeks	15.4	16.1	17.2	18.0	18.5	20.1	17.7	16.5	15.1	15.8	17.7	15.2	13.6
27 weeks and over	10.0	9.6	12.0	12.8	15.9	17.0	17.9	19.3	18.1	21.2	20.9	21.5	22.1

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-36. Rates of unemployment by sex and age, seasonally adjusted**

Sex and age	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
Total, 16 years and over .....	8.0	8.5	8.6	8.9	8.7	8.7	8.5	8.6	8.6	8.5	8.3	7.8	7.6
16 to 19 years .....	19.4	20.1	19.7	20.3	20.7	20.5	20.7	19.4	19.8	19.0	19.6	19.9	19.2
16 to 17 years .....	21.0	21.5	21.0	21.6	21.4	21.5	22.8	22.0	21.9	20.1	20.6	21.2	21.4
18 to 19 years .....	18.1	19.1	18.8	19.6	19.5	19.4	19.4	18.2	18.2	18.1	18.9	19.0	17.5
20 to 24 years .....	13.2	13.9	14.2	14.4	12.9	13.7	13.4	13.9	14.0	14.2	13.5	12.7	12.1
25 years and over .....	5.6	5.9	6.2	6.3	6.5	6.3	6.0	6.2	6.3	6.1	5.9	5.4	5.3
25 to 54 years .....	5.9	6.2	6.6	6.8	6.9	6.7	6.4	6.5	6.6	6.4	6.2	5.5	5.5
55 years and over .....	4.6	4.6	4.9	4.9	4.8	4.8	4.7	4.7	4.9	5.0	5.0	4.5	4.8
<b>Males, 16 years and over .....</b>	<b>7.3</b>	<b>7.7</b>	<b>8.0</b>	<b>8.3</b>	<b>8.3</b>	<b>8.3</b>	<b>8.0</b>	<b>8.2</b>	<b>8.3</b>	<b>8.1</b>	<b>7.6</b>	<b>7.1</b>	<b>6.9</b>
16 to 19 years .....	19.8	20.1	20.6	20.1	22.1	21.1	20.8	19.3	19.8	18.8	19.0	20.1	19.3
16 to 17 years .....	21.5	20.8	22.0	21.6	22.9	22.4	22.9	22.2	21.6	19.6	19.3	21.5	21.0
18 to 19 years .....	18.2	19.5	19.6	19.0	20.7	19.8	19.5	17.9	18.2	18.2	18.7	19.6	17.8
20 to 24 years .....	13.4	14.4	15.1	15.1	13.9	14.9	14.5	15.3	15.1	14.6	13.8	12.8	11.9
25 years and over .....	4.9	5.2	5.5	5.7	5.8	5.8	5.5	5.8	6.0	5.8	5.4	4.7	4.6
25 to 54 years .....	5.0	5.3	5.7	6.1	6.2	6.1	5.9	6.1	6.2	6.0	5.6	4.8	4.6
55 years and over .....	4.3	4.6	4.7	4.7	4.6	4.5	4.5	4.6	4.6	4.8	4.7	4.2	4.6
<b>Females, 16 years and over .....</b>	<b>9.1</b>	<b>9.6</b>	<b>9.6</b>	<b>9.8</b>	<b>9.4</b>	<b>9.3</b>	<b>9.3</b>	<b>9.1</b>	<b>9.2</b>	<b>9.1</b>	<b>9.3</b>	<b>8.9</b>	<b>8.7</b>
16 to 19 years .....	19.0	20.2	18.6	20.6	19.0	19.7	20.5	19.6	19.9	19.1	20.3	19.6	19.1
16 to 17 years .....	20.4	22.5	19.7	21.5	19.4	20.3	22.6	21.7	22.3	20.7	22.2	20.8	21.7
18 to 19 years .....	17.9	18.5	18.0	20.3	18.3	18.8	19.3	18.5	18.2	17.9	19.1	18.4	17.2
20 to 24 years .....	13.0	13.4	13.2	13.4	11.7	12.2	12.0	12.1	12.7	13.7	13.1	12.7	12.2
25 years and over .....	6.7	7.1	7.4	7.4	7.5	7.1	6.8	6.8	6.8	6.7	6.8	6.4	6.4
25 to 54 years .....	7.2	7.6	8.0	7.9	8.0	7.5	7.4	7.2	7.3	7.0	7.2	6.6	6.9
55 years and over .....	5.1	4.7	5.3	5.2	5.2	5.2	5.1	4.7	5.4	5.3	5.4	5.1	5.0

**A-37. Unemployed persons by reason for unemployment, seasonally adjusted**

[Numbers in thousands]

Reason for unemployment	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers .....	3,914	3,216	4,442	4,745	4,738	4,715	4,588	4,797	4,531	4,444	3,955	3,481	3,440
Job leavers .....	745	790	807	868	784	815	792	824	829	872	862	849	848
Reentrants .....	1,684	1,887	1,912	1,974	1,860	1,808	1,873	1,808	1,892	1,846	1,975	1,985	1,864
New entrants .....	798	761	763	821	717	835	909	812	844	837	865	886	849
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	54.8	55.1	56.1	56.4	58.5	57.7	56.2	58.2	56.0	55.6	51.7	48.3	49.1
Job leavers .....	10.4	10.3	10.2	10.3	9.7	10.0	9.7	10.0	10.2	10.9	11.3	11.8	12.1
Reentrants .....	23.6	24.7	24.1	23.5	23.0	22.1	22.9	21.9	23.4	23.1	25.8	27.6	26.6
New entrants .....	11.2	9.9	9.6	9.8	8.9	10.2	11.1	9.9	10.4	10.5	11.3	12.3	12.1
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers .....	4.2	4.5	4.7	5.0	5.0	5.0	4.8	5.0	4.8	4.7	4.2	3.7	3.7
Job leavers .....	.8	.8	.9	.9	.8	.9	.8	.9	.9	.9	.9	.9	.9
Reentrants .....	1.8	2.0	2.0	2.1	2.0	2.0	2.0	1.9	2.0	1.9	2.1	2.1	2.0
New entrants .....	.9	.8	.8	.9	.8	.9	1.0	.9	.9	.9	.9	.9	.9

## A-38. Employed persons by sex and age, seasonally adjusted

[Numbers in thousands]

Sex and age	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
<b>Total, 16 years and over</b> .....	84,163	84,110	84,313	84,519	84,498	84,967	85,288	85,158	85,151	85,178	85,394	86,194	86,319
16 to 19 years .....	7,032	6,993	6,999	7,106	6,982	7,033	7,026	7,091	7,017	7,038	7,053	7,138	7,157
16 to 17 years .....	2,927	2,904	2,892	2,885	2,861	2,893	2,873	2,883	2,872	2,920	2,887	2,973	2,877
18 to 19 years .....	4,127	4,075	4,116	4,189	4,125	4,173	4,153	4,225	4,150	4,121	4,162	4,197	4,281
20 to 24 years .....	11,580	11,512	11,520	11,615	11,675	11,705	11,743	11,702	11,620	11,550	11,753	11,898	12,056
25 years and over .....	65,557	65,608	65,759	65,812	65,856	66,177	66,402	66,412	66,542	66,552	66,634	67,257	67,116
25 to 54 years .....	52,073	52,136	52,202	52,216	52,427	52,646	53,002	52,989	53,126	53,056	53,133	53,702	53,732
55 years and over .....	13,551	13,502	13,542	13,536	13,443	13,547	13,445	13,470	13,447	13,441	13,455	13,547	13,491
<b>Males, 16 years and over</b> .....	51,151	50,952	51,046	51,195	50,978	51,280	51,446	51,334	51,300	51,325	51,390	51,761	51,870
16 to 19 years .....	3,812	3,794	3,775	3,859	3,728	3,799	3,791	3,818	3,787	3,804	3,804	3,845	3,873
16 to 17 years .....	1,619	1,634	1,595	1,607	1,575	1,600	1,585	1,581	1,581	1,608	1,587	1,610	1,573
18 to 19 years .....	2,221	2,154	2,184	2,220	2,164	2,229	2,199	2,254	2,210	2,196	2,211	2,230	2,300
20 to 24 years .....	6,373	6,303	6,264	6,338	6,303	6,333	6,355	6,342	6,332	6,303	6,418	6,525	6,675
25 years and over .....	40,963	40,866	40,972	40,996	40,953	41,115	41,219	41,202	41,204	41,227	41,205	41,466	41,328
25 to 54 years .....	32,431	32,418	32,428	32,479	32,506	32,577	32,738	32,742	32,817	32,790	32,798	33,017	33,092
55 years and over .....	8,575	8,488	8,527	8,513	8,430	8,542	8,497	8,471	8,413	8,406	8,379	8,416	8,295
<b>Females, 16 years and over</b> .....	33,012	33,158	33,267	33,324	33,520	33,687	33,842	33,824	33,851	33,853	34,004	34,433	34,449
16 to 19 years .....	3,220	3,199	3,224	3,247	3,254	3,234	3,235	3,273	3,230	3,234	3,249	3,293	3,284
16 to 17 years .....	1,308	1,270	1,297	1,278	1,286	1,293	1,288	1,302	1,291	1,312	1,300	1,363	1,304
18 to 19 years .....	1,906	1,921	1,932	1,969	1,961	1,944	1,954	1,971	1,940	1,925	1,951	1,967	1,981
20 to 24 years .....	5,207	5,209	5,256	5,277	5,372	5,372	5,388	5,360	5,288	5,247	5,335	5,373	5,381
25 years and over .....	24,594	24,742	24,787	24,816	24,903	25,062	25,183	25,210	25,338	25,325	25,429	25,791	25,788
25 to 54 years .....	19,642	19,718	19,774	19,737	19,921	20,069	20,264	20,247	20,309	20,266	20,335	20,685	20,640
55 years and over .....	4,976	5,014	5,015	5,023	5,013	5,005	4,948	4,999	5,034	5,035	5,076	5,131	5,196

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-39. Employed persons by selected social and economic categories, seasonally adjusted**

[In thousands]

Selected categories	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
Total employed	84,163	84,110	84,313	84,519	84,498	84,967	85,288	85,158	85,151	85,178	85,394	86,194	86,319
Household heads	49,760	49,677	49,890	49,975	49,940	50,191	50,437	50,279	50,258	50,316	50,332	50,628	50,737
Married men, spouse present	37,849	37,784	37,868	37,888	37,821	37,946	38,012	37,948	37,921	37,858	37,739	37,996	37,931
Married women, spouse present	19,279	19,337	19,423	19,381	19,467	19,584	19,603	19,758	19,799	19,833	19,859	20,065	19,976
<b>Occupation</b>													
White collar workers	41,730	42,001	42,154	42,184	42,373	42,405	42,536	42,540	42,386	42,253	42,326	42,797	43,028
Professional and technical	12,472	12,671	12,654	12,788	12,721	12,937	12,944	12,814	12,773	12,795	13,026	13,166	13,094
Managers and administrators, except farm	8,678	8,794	8,749	8,845	8,953	8,725	8,970	9,215	9,027	9,077	8,837	9,044	9,135
Sales workers	5,456	5,422	5,518	5,510	5,577	5,567	5,521	5,493	5,515	5,269	5,296	5,224	5,333
Clerical workers	15,124	15,114	15,233	15,041	15,122	15,176	15,101	15,018	15,071	15,112	15,167	15,363	15,466
Blue-collar workers	27,989	27,518	27,823	27,808	27,782	27,802	27,968	27,936	28,105	28,126	28,408	28,759	28,725
Craft and kindred workers	10,994	10,698	10,895	10,876	10,897	10,977	11,051	10,907	11,104	11,018	11,265	11,266	11,297
Operatives	12,833	12,662	12,867	12,756	12,701	12,684	12,807	12,899	12,915	13,010	13,043	13,303	13,214
Nonfarm laborers	4,162	4,158	4,061	4,176	4,184	4,141	4,110	4,130	4,086	4,098	4,100	4,190	4,214
Service workers	11,630	11,586	11,435	11,485	11,601	11,661	11,676	11,739	11,759	11,872	11,837	11,926	11,848
Farm workers	2,844	2,822	2,829	3,073	2,942	3,023	3,008	3,040	2,975	2,838	2,782	2,868	2,772
<b>Major industry and class of worker</b>													
Agriculture:													
Wage and salary workers	1,199	1,201	1,200	1,290	1,277	1,342	1,361	1,347	1,303	1,262	1,231	1,300	1,295
Self-employed workers	1,739	1,712	1,731	1,754	1,731	1,717	1,702	1,753	1,710	1,687	1,663	1,649	1,596
Unpaid family workers	350	354	376	460	379	400	397	411	408	349	300	331	300
Nonagricultural industries:													
Wage and salary workers	74,979	74,739	74,852	74,910	75,098	75,343	75,711	75,716	75,760	75,468	76,038	76,568	77,023
Private households	1,311	1,354	1,318	1,396	1,468	1,350	1,366	1,320	1,349	1,307	1,309	1,287	1,200
Government	14,374	14,365	14,459	14,424	14,512	14,723	14,805	14,551	14,443	14,628	14,719	14,779	14,891
Other	59,294	59,020	59,075	59,090	59,118	59,270	59,540	59,845	59,968	59,533	60,010	60,502	60,932
Self-employed workers	5,449	5,545	5,642	5,574	5,619	5,645	5,633	5,621	5,531	5,991	5,683	5,693	5,684
Unpaid family workers	493	473	468	503	405	415	457	478	478	540	510	528	490
<b>Persons at work<sup>1</sup></b>													
Nonagricultural industries	76,132	75,853	76,366	76,022	76,346	75,187	76,323	76,784	76,822	77,103	77,380	78,506	78,399
Full-time schedules	62,092	61,656	62,025	61,969	61,861	61,035	62,198	62,838	62,824	63,141	63,730	64,211	64,381
Part time for economic reasons	3,627	3,799	3,803	3,750	3,422	3,277	3,234	3,291	3,361	3,353	3,243	3,482	3,262
Usually work full time	1,912	1,839	1,841	1,737	1,569	1,526	1,436	1,409	1,459	1,405	1,332	1,415	1,308
Usually work part time	1,715	1,960	1,962	2,013	1,853	1,751	1,798	1,882	1,902	1,948	1,911	2,067	1,954
Part time for noneconomic reasons	10,413	10,398	10,538	10,303	11,063	10,875	10,891	10,655	10,637	10,609	10,407	10,813	10,755

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

## A-40. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years of age

[Numbers in thousands]

Employment status	Feb. 1975	Jan. 1976	Feb. 1976	Seasonally adjusted					
				Feb. 1975	Oct. 1975	Nov. 1975	Dec. 1975	Jan. 1976	Feb. 1976
<b>VETERANS<sup>1</sup></b>									
<b>Total, 20 to 34 years:</b>									
Civilian noninstitutional population <sup>2</sup>	6,369	6,629	6,644	6,369	6,560	6,585	6,606	6,629	6,644
Civilian labor force	5,967	6,235	6,242	5,937	6,183	6,195	6,227	6,218	6,214
Employed	5,312	5,615	5,602	5,439	5,573	5,566	5,585	5,716	5,727
Unemployed	655	620	640	498	610	629	642	502	487
Unemployment rate	11.0	9.9	10.3	8.4	9.9	10.2	10.3	8.1	7.8
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,234	1,103	1,096	1,234	1,140	1,129	1,115	1,103	1,096
Civilian labor force	1,077	926	939	1,061	992	978	949	903	921
Employed	833	717	715	881	771	752	740	732	756
Unemployed	244	209	224	180	221	226	209	171	165
Unemployment rate	22.7	22.6	23.9	17.0	22.3	23.1	22.0	18.9	17.9
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,505	3,453	3,429	3,505	3,467	3,463	3,458	3,453	3,429
Civilian labor force	3,306	3,296	3,248	3,293	3,312	3,287	3,312	3,295	3,234
Employed	3,011	3,005	2,955	3,064	3,033	2,992	2,983	3,060	3,006
Unemployed	295	291	293	229	279	295	329	235	228
Unemployment rate	8.9	8.8	9.0	7.0	8.4	9.0	9.9	7.1	7.1
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	1,630	2,073	2,119	1,630	1,953	1,993	2,033	2,073	2,119
Civilian labor force	1,584	2,013	2,055	1,583	1,879	1,930	1,966	2,020	2,059
Employed	1,468	1,893	1,932	1,494	1,769	1,822	1,862	1,924	1,965
Unemployed	116	120	123	89	110	108	104	96	94
Unemployment rate	7.3	6.0	6.0	5.6	5.9	5.6	5.3	4.8	4.6
<b>NONVETERANS</b>									
<b>Total, 20 to 34 years:</b>									
Civilian noninstitutional population <sup>2</sup>	15,537	16,349	16,415	15,537	16,134	16,201	16,266	16,349	16,415
Civilian labor force	13,829	14,478	14,536	14,003	14,530	14,494	14,531	14,594	14,763
Employed	12,258	12,952	13,071	12,688	13,055	13,036	13,192	13,312	13,537
Unemployed	1,571	1,526	1,465	1,315	1,475	1,458	1,339	1,282	1,226
Unemployment rate	11.4	10.5	10.1	9.4	10.2	10.1	9.2	8.8	8.3
<b>20 to 24 years</b>									
Civilian noninstitutional population <sup>2</sup>	7,404	7,802	7,824	7,404	7,693	7,724	7,754	7,802	7,824
Civilian labor force	6,100	6,427	6,435	6,304	6,455	6,420	6,487	6,584	6,678
Employed	5,181	5,522	5,588	5,509	5,562	5,570	5,669	5,794	5,945
Unemployed	919	905	847	795	893	850	818	790	733
Unemployment rate	15.1	14.1	13.2	12.6	13.8	13.2	12.6	12.0	11.0
<b>25 to 29 years</b>									
Civilian noninstitutional population <sup>2</sup>	4,260	4,708	4,767	4,260	4,583	4,626	4,688	4,708	4,767
Civilian labor force	4,030	4,409	4,454	4,104	4,352	4,354	4,356	4,392	4,455
Employed	3,616	4,015	4,085	3,683	3,994	4,010	4,058	4,072	4,160
Unemployed	414	394	369	331	358	344	298	320	295
Unemployment rate	10.3	8.9	8.3	8.2	8.2	7.9	6.8	7.3	6.6
<b>30 to 34 years</b>									
Civilian noninstitutional population <sup>2</sup>	3,873	3,839	3,824	3,873	3,858	3,851	3,844	3,839	3,824
Civilian labor force	3,699	3,642	3,647	3,685	3,723	3,720	3,688	3,618	3,630
Employed	3,461	3,415	3,398	3,496	3,499	3,456	3,465	3,446	3,432
Unemployed	238	227	249	189	224	264	223	172	198
Unemployment rate	6.4	6.2	6.8	5.1	6.0	7.1	6.0	4.8	5.5

<sup>1</sup> Vietnam-era veterans are those who served after August 4, 1964.

appear in the unadjusted and seasonally adjusted columns.

<sup>2</sup> Since seasonal variations are not present in the population figures, identical numbers

## 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.....	76,985	22,549	745	3,457	18,347	54,436	4,498	16,947	4,177	12,771	4,223	13,995	14,773	2,748	12,025
Feb ..	75,772	22,087	714	3,208	18,165	53,685	4,492	16,493	4,143	12,350	4,172	13,699	14,829	2,719	12,110
Mar... ..	75,778	21,953	719	3,197	18,037	53,825	4,470	16,530	4,136	12,394	4,178	13,753	14,894	2,724	12,170
Apr... ..	76,177	22,036	726	3,310	18,000	54,141	4,472	16,691	4,134	12,557	4,192	13,878	14,908	2,732	12,176
May... ..	76,689	22,250	740	3,439	18,071	54,439	4,487	16,819	4,142	12,677	4,208	13,986	14,939	2,741	12,198
June... ..	77,183	22,566	756	3,555	18,255	54,617	4,523	16,971	4,178	12,793	4,248	14,079	14,796	2,771	12,025
July... ..	76,439	22,370	758	3,605	18,007	54,069	4,504	16,936	4,190	12,746	4,266	14,144	14,219	2,800	11,419
Aug... ..	76,900	22,901	763	3,688	18,450	53,999	4,493	16,959	4,192	12,767	4,273	14,162	14,112	2,775	11,337
Sept... ..	77,614	23,111	758	3,659	18,694	54,503	4,503	17,084	4,194	12,890	4,243	14,113	14,560	2,746	11,814
Oct... ..	78,193	23,070	763	3,620	18,687	55,123	4,503	17,136	4,209	12,927	4,238	14,185	15,061	2,742	12,319
Nov... ..	78,339	22,920	763	3,522	18,635	55,419	4,509	17,313	4,207	13,106	4,235	14,174	15,188	2,742	12,446
Dec... ..	78,527	22,685	763	3,338	18,584	55,842	4,477	17,737	4,215	13,522	4,243	14,158	15,227	2,771	12,456
1976:															
Jan P... ..	77,045	22,311	752	3,067	18,492	54,734	4,436	17,004	4,186	12,818	4,226	14,027	15,041	2,724	12,317
Feb P... ..	77,316	22,314	751	3,014	18,549	55,002	4,446	16,908	4,191	12,717	4,230	14,182	15,236	2,736	12,500

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 <sup>1</sup>				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>
-	<b>TOTAL</b> .....	76,985	76,207	78,527	77,045	77,316	-	-	-	-	-
-	<b>PRIVATE SECTOR</b> .....	62,212	61,669	63,300	62,004	62,080	51,046	50,509	52,113	50,831	50,874
-	<b>MINING</b> .....	745	715	763	752	751	565	544	580	570	568
10	<b>METAL MINING</b> .....	92.3	95.0	91.3	88.8	-	71.8	74.8	70.7	68.3	-
101	Iron ores .....	24.8	24.4	23.5	23.5	-	20.0	19.8	18.8	18.8	-
102	Copper ores .....	37.1	41.6	36.2	34.0	-	28.4	32.6	27.8	25.7	-
11,12	<b>COAL MINING</b> .....	201.8	187.9	212.1	212.3	-	171.9	159.3	181.8	182.3	-
12	Bituminous coal and lignite mining .....	198.2	184.5	208.2	208.4	-	168.8	156.4	178.4	178.9	-
13	<b>OIL AND GAS EXTRACTION</b> .....	335.7	322.1	348.4	345.8	-	230.5	223.1	240.3	237.9	-
131,2	Crude petroleum and natural gas fields .....	159.5	152.9	161.8	159.4	-	82.0	78.8	82.7	81.2	-
138	Oil and gas field services .....	176.2	169.2	186.6	186.4	-	148.5	144.3	157.6	156.7	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	115.1	110.2	110.9	105.5	-	90.6	86.3	86.8	81.9	-
142	Crushed and broken stone .....	40.2	38.0	37.7	34.5	-	32.4	30.3	30.2	27.2	-
144	Sand and gravel .....	34.6	32.7	32.7	31.3	-	-	-	-	-	-
-	<b>CONTRACT CONSTRUCTION</b> .....	3,457	3,348	3,338	3,067	3,014	2,762	2,658	2,637	2,375	2,327
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	1,047.9	1,047.2	1,015.9	943.9	-	826.7	827.6	788.0	720.8	-
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	692.5	587.4	627.0	532.6	-	572.5	470.0	507.2	416.6	-
161	Highway and street construction .....	296.5	220.2	250.8	190.7	-	253.0	177.4	207.1	149.4	-
162	Heavy construction, nec .....	396.0	367.2	376.2	341.9	-	319.5	292.6	300.1	267.2	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	1,716.8	1,713.5	1,694.9	1,590.6	-	1,362.6	1,360.1	1,341.9	1,237.6	-
171	Plumbing, heating, air conditioning .....	413.8	430.7	404.6	393.0	-	314.3	330.4	307.9	296.5	-
172	Painting, paper hanging, decorating .....	123.0	113.6	112.0	101.8	-	105.0	95.7	94.8	84.0	-
173	Electrical work .....	315.9	328.4	314.1	305.9	-	247.1	259.2	245.9	236.1	-
174	Masonry, stonework, and plastering .....	189.1	185.5	184.7	169.6	-	163.6	160.1	159.5	144.2	-
176	Roofing and sheet metal work .....	119.9	117.0	120.8	106.5	-	96.5	93.4	97.4	83.6	-
-	<b>MANUFACTURING</b> .....	18,347	18,573	18,584	18,492	18,549	13,070	13,237	13,329	13,246	13,313
19,24,25, 32-39	<b>DURABLE GOODS</b> .....	10,679	10,994	10,735	10,717	10,733	7,543	7,805	7,625	7,608	7,634
20-23, 26-31	<b>NONDURABLE GOODS</b> .....	7,668	7,579	7,849	7,775	7,816	5,528	5,432	5,704	5,638	5,679
	<b>DURABLE GOODS</b>										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	170.6	177.2	163.6	162.5	160.9	79.7	85.1	74.4	73.6	72.7
192	Ammunition, except for small arms .....	114.7	121.1	108.6	107.7	105.6	43.3	48.1	39.2	38.6	37.1
1925	Complete guided missiles .....	90.2	91.7	89.0	88.3	-	24.9	25.2	24.8	24.4	-
1929	Ammunition, exc. for small arms, nec .....	24.5	29.4	19.6	19.4	-	18.4	22.9	14.4	14.2	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	556.9	529.3	569.5	570.1	584.7	463.8	438.9	474.4	475.0	488.5
241	Logging camps and logging contractors .....	72.6	70.1	72.3	71.4	74.8	-	-	-	-	-
242	Sawmills and planing mills .....	196.3	185.8	200.7	201.6	(*)	173.5	164.0	177.7	178.6	(*)
2421	Sawmills and planing mills, general .....	168.2	158.1	170.8	171.7	-	148.8	139.7	151.0	151.8	-
243	Millwork, plywood and related products .....	178.3	164.3	185.3	186.3	(*)	144.5	130.2	151.6	153.1	(*)
2431	Millwork .....	78.0	70.6	83.7	84.4	-	62.6	55.5	67.9	68.5	-
2432	Veneer and plywood .....	67.2	63.0	68.9	69.8	-	58.9	54.0	61.1	62.3	-
244	Wooden containers .....	21.3	21.1	21.2	20.7	20.9	18.7	18.4	18.7	18.2	18.4
2441,2	Wooden boxes, shooks, and crates .....	17.2	17.2	17.1	16.6	-	15.3	15.2	15.2	14.7	-
249	Miscellaneous wood products .....	88.4	88.0	90.0	90.1	91.6	70.8	70.2	72.1	71.9	73.3

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. <sub>P</sub> 1976	Feb. <sub>P</sub> 1976	Avg. 1975	Jan. 1975	Dec. 1975	Jan. <sub>P</sub> 1976	Feb. <sub>P</sub> 1976
<b>DURABLE GOODS—Continued</b>											
25	<b>FURNITURE AND FIXTURES</b> .....	450.7	453.6	475.8	475.9	480.4	364.3	364.0	389.0	389.5	393.9
251	Household furniture .....	321.2	317.3	344.9	345.5	(*)	268.2	263.2	291.0	291.8	(*)
2511	Wood household furniture .....	163.9	166.1	175.6	175.6	—	142.6	144.0	154.1	154.0	—
2512	Upholstered household furniture .....	92.8	88.5	101.1	101.0	—	76.0	71.9	83.7	83.8	—
2515	Mattresses and bedsprings .....	32.5	30.0	33.9	33.8	—	24.5	22.0	25.8	25.6	—
252	Office furniture .....	35.7	40.0	36.4	36.5	—	27.4	30.9	28.5	28.6	—
254	Partitions and fixtures .....	49.0	50.0	50.2	50.2	—	36.0	36.8	37.1	37.2	—
253,9	Other furniture and fixtures .....	44.8	46.3	44.3	43.7	44.2	32.7	33.1	32.4	31.9	32.2
<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....											
32	Flat glass .....	613.5	613.9	608.1	595.3	593.2	484.5	481.6	482.2	470.7	469.3
321	Glass and glassware, pressed or blown .....	15.8	16.0	16.6	16.4	—	11.5	10.8	13.2	13.0	—
322	Glass containers .....	125.8	124.1	128.5	126.7	128.0	107.7	105.6	110.7	109.1	110.4
3221	Pressed and blown glass, nec .....	72.9	69.3	75.1	74.0	—	64.0	60.4	66.1	65.0	—
3229	Cement, hydraulic .....	52.9	54.8	53.4	52.7	—	43.7	45.2	44.6	44.1	—
324	Structural clay products .....	30.3	29.9	27.7	28.1	(*)	23.8	23.2	21.4	21.9	(*)
325	Brick and structural clay tile .....	47.7	48.9	46.8	45.4	(*)	38.1	38.8	37.4	36.2	(*)
3251	Pottery and related products .....	20.1	19.6	20.5	19.6	—	16.7	16.0	17.1	16.2	—
326	Concrete, gypsum, and plaster products .....	42.3	43.7	42.6	42.3	—	35.2	36.3	35.9	35.8	—
327	Other stone and nonmetallic mineral products .....	187.8	182.2	181.3	172.3	(*)	145.2	139.5	139.4	131.0	(*)
328,9	Abrasive products .....	130.2	136.8	128.8	127.6	127.0	97.7	103.4	96.8	95.8	95.7
3291	Iron and steel forgings .....	23.8	26.3	23.8	24.1	—	16.5	18.4	16.7	16.8	—
<b>PRIMARY METAL INDUSTRIES</b> .....											
33	Blast furnace and basic steel products .....	1,179.7	1,277.4	1,152.5	1,155.9	1,152.6	919.0	1,010.5	898.2	901.0	898.0
331	Blast furnaces and steel mills .....	544.8	590.8	519.1	520.1	(*)	424.0	469.3	402.1	402.8	(*)
3312	Iron and steel foundries .....	470.1	506.7	448.8	450.0	—	367.3	403.7	349.0	349.8	—
332	Gray iron foundries .....	224.8	243.8	219.4	219.6	218.0	185.1	203.1	180.5	180.8	179.2
3321	Malleable iron foundries .....	138.0	151.7	136.6	137.5	—	115.6	128.8	114.3	115.2	—
3322	Steel foundries .....	21.9	24.0	20.9	20.9	—	17.2	18.8	16.6	16.6	—
3323	Nonferrous metals .....	64.9	68.1	61.9	61.2	—	52.4	55.5	49.6	49.0	—
333,4	Primary aluminum .....	82.2	90.2	82.2	81.7	81.6	62.1	69.2	62.4	61.7	61.7
3334	Nonferrous rolling and drawing .....	29.2	33.4	30.4	30.3	—	23.1	27.0	24.3	24.1	—
335	Copper rolling and drawing .....	181.1	194.2	186.0	188.0	188.7	130.2	140.7	136.3	138.1	139.2
3351	Aluminum rolling and drawing .....	32.2	33.9	34.0	33.8	—	23.5	24.6	25.7	25.6	—
3352	Nonferrous wire drawing and insulating .....	55.5	61.7	57.3	57.8	—	38.3	43.5	40.4	41.0	—
3357	Other nonferrous castings .....	75.7	79.7	77.4	76.8	—	56.0	59.1	57.9	57.4	—
336	Aluminum castings .....	74.6	81.5	75.7	75.9	77.4	60.8	66.6	62.2	62.5	63.8
3361	Other nonferrous castings .....	40.2	45.3	40.7	40.7	—	33.1	37.4	33.8	33.9	—
3362,9	Miscellaneous primary metal products .....	34.4	36.2	35.0	35.2	—	27.7	29.2	28.4	28.6	—
339	Iron and steel forgings .....	72.3	76.9	70.1	70.6	70.7	56.9	61.6	54.7	55.1	55.4
3391	Valves, pipe, and pipe fittings .....	48.5	51.5	46.1	46.6	—	38.7	41.7	36.1	36.5	—
<b>FABRICATED METAL PRODUCTS</b> .....											
34	Metal cans .....	1,335.8	1,362.8	1,350.7	1,347.9	1,356.5	996.0	1,016.7	1,013.2	1,009.2	1,018.2
341	Cutlery, hand tools, and hardware .....	63.5	66.2	59.9	59.9	61.1	54.6	57.0	51.1	51.1	52.4
342	Cutlery and hand tools, including saws .....	154.8	162.3	160.0	160.5	161.8	117.4	124.5	122.7	123.0	124.3
3421,3,5	Hardware, nec .....	67.9	73.1	68.6	68.6	—	51.4	56.7	52.1	52.0	—
3429	Plumbing and heating, except electric .....	86.9	89.2	91.4	91.9	—	65.9	67.8	70.6	71.0	—
343	Sanitary ware and plumbers' brass goods .....	64.3	65.5	67.4	66.6	67.4	45.9	46.8	49.4	48.5	49.7
3431,2	Heating equipment, except electric .....	28.3	27.8	30.1	30.5	—	20.9	20.5	23.0	23.3	—
3433	Fabricated structural steel .....	36.0	37.7	37.3	36.1	—	25.0	26.3	26.4	25.2	—
344	Fabricated structural steel .....	452.7	460.0	447.3	444.4	441.2	314.6	320.5	310.6	307.1	303.6
3441	Metadoors, sash, and trim .....	106.6	108.3	102.6	101.2	—	76.9	79.0	73.4	71.8	—
3442	Fabricated plate work (boiler shops) .....	66.2	63.6	67.6	65.7	—	47.0	44.1	48.8	47.3	—
3443	Sheet metal work .....	141.5	142.3	141.1	140.8	—	94.0	95.0	93.5	92.8	—
3444	Architectural and miscellaneous metal work .....	83.3	85.8	81.9	82.1	—	59.7	61.6	58.5	58.4	—
3446,9	Screw machine products, bolts, etc .....	55.2	60.0	54.1	54.6	—	37.0	40.8	36.4	36.8	—
345	Screw machine products .....	94.8	107.1	92.8	93.2	94.5	73.4	85.1	71.3	71.4	72.8
3451	Bolts, nuts, rivets, and washers .....	43.5	48.7	42.9	43.0	—	35.6	41.0	35.0	34.9	—
3452	Metal stampings .....	51.4	58.4	49.9	50.2	—	37.8	44.1	36.3	36.5	—
346	Metal services, nec .....	204.8	184.4	220.2	220.6	(*)	162.8	141.0	178.4	178.1	(*)
347	Miscellaneous fabricated wire products .....	82.5	84.6	84.7	84.4	(*)	66.7	68.7	68.8	68.7	(*)
348	Miscellaneous fabricated metal products .....	57.5	62.2	57.2	57.3	57.7	44.5	48.3	45.1	45.1	45.7
349	Valves, pipe, and pipe fittings .....	160.8	170.5	161.2	161.0	163.8	116.1	124.8	115.8	116.2	118.8
3494,8	Valves, pipe, and pipe fittings .....	107.1	113.4	106.4	106.8	—	73.6	79.4	72.7	73.2	—

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT**

58

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>b</sup>	Feb. 1976 <sup>b</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>b</sup>	Feb. 1976 <sup>b</sup>
<b>DURABLE GOODS—Continued</b>											
35	<b>MACHINERY, EXCEPT ELECTRICAL</b> . . . . .	2,068.8	2,184.8	2,038.4	2,041.3	2,042.2	1,346.0	1,454.4	1,319.4	1,321.4	1,321.2
351	Engines and turbines . . . . .	111.1	118.7	113.3	112.9	111.9	71.5	78.5	73.6	73.4	72.3
3511	Steam engines and turbines . . . . .	42.5	44.9	43.1	43.2	—	22.2	24.3	23.0	23.2	—
3519	Internal combustion engines, nec . . . . .	68.6	73.8	70.2	69.7	—	49.3	54.2	50.6	50.2	—
352	Farm machinery . . . . .	151.7	163.4	146.1	147.2	—	108.4	120.4	101.9	103.2	—
353	Construction and related machinery . . . . .	344.2	349.6	341.5	339.5	(*)	226.5	232.6	223.9	222.1	(*)
3531.2	Construction and mining machinery . . . . .	188.6	191.6	185.3	183.1	—	124.7	129.1	121.5	119.9	—
3533	Oil field machinery . . . . .	65.2	60.7	68.5	69.1	—	47.3	44.0	49.6	49.9	—
3535.6	Conveyors, hoists, cranes, monorails . . . . .	45.2	46.4	45.1	45.2	—	27.7	29.1	27.7	27.7	—
3537	Industrial trucks and tractors . . . . .	30.6	34.9	28.9	28.6	—	19.3	22.4	17.9	17.7	—
354	Metal working machinery . . . . .	309.5	335.9	301.4	303.3	302.3	225.4	249.7	218.8	220.3	219.9
3541	Machine tools, metal cutting types . . . . .	63.3	67.9	58.3	59.6	—	41.8	45.6	37.6	39.0	—
3544	Special dies, tools, jigs, and fixtures . . . . .	116.3	124.3	116.8	117.8	—	92.9	100.4	93.4	93.8	—
3545	Machine tool accessories . . . . .	55.0	59.7	52.9	52.9	—	39.5	44.1	37.6	37.7	—
3542.8	Miscellaneous metal working machinery . . . . .	74.9	84.0	73.4	73.0	—	51.2	59.6	50.2	49.8	—
355	Special industry machinery . . . . .	182.2	198.9	174.9	175.0	174.8	116.0	129.6	111.4	111.2	111.1
3551	Food products machinery . . . . .	41.7	44.7	40.1	40.2	—	27.1	29.6	25.7	25.9	—
3552	Textile machinery . . . . .	31.4	35.7	31.0	31.0	—	22.3	26.3	22.2	22.1	—
3555	Printing trades machinery . . . . .	26.3	29.0	25.2	25.2	—	15.9	17.9	15.3	15.2	—
356	General industrial machinery . . . . .	289.3	306.9	281.0	280.5	281.2	190.3	206.5	184.0	183.4	184.0
3561	Pumps and compressors . . . . .	81.7	85.0	80.4	80.4	—	49.1	52.3	47.7	47.8	—
3562	Ball and roller bearings . . . . .	53.9	58.7	52.8	52.7	—	41.1	45.8	40.0	39.8	—
3564	Blowers and fans . . . . .	35.3	38.0	32.4	32.2	—	22.3	24.4	20.7	20.7	—
3566	Power transmission equipment . . . . .	49.6	53.0	47.9	47.7	—	35.3	38.2	34.2	33.9	—
357	Office and computing machines . . . . .	283.7	293.4	282.3	282.0	281.8	116.4	127.0	113.2	113.4	112.9
3573	Electronic computing equipment . . . . .	212.6	217.5	211.9	211.9	—	72.5	77.4	70.8	70.7	—
358	Service industry machines . . . . .	148.4	158.2	151.0	155.0	157.5	100.3	107.9	103.3	106.6	108.9
3585	Refrigeration machinery . . . . .	101.3	107.4	105.0	108.4	—	69.6	74.5	73.0	76.4	—
359	Miscellaneous machinery, except electrical . . . . .	248.8	259.8	246.9	245.9	246.9	191.4	202.2	189.3	187.8	188.1
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> . . . . .	1,760.6	1,844.8	1,785.1	1,782.4	1,788.4	1,139.7	1,207.8	1,171.4	1,170.5	1,178.3
361	Electric test and distributing equipment . . . . .	192.1	208.5	190.5	189.9	190.7	126.6	140.7	125.8	126.0	126.9
3611	Electric measuring instruments . . . . .	68.8	74.3	67.7	68.3	—	41.2	45.7	40.5	41.0	—
3612	Transformers . . . . .	49.9	56.0	49.0	48.9	—	35.2	40.5	34.5	34.3	—
3613	Switchgear and switchboard apparatus . . . . .	73.5	78.2	73.8	72.7	—	50.3	54.5	50.8	50.7	—
362	Electrical industrial apparatus . . . . .	202.0	217.8	204.1	206.0	(*)	140.1	153.4	142.9	145.2	(*)
3621	Motors and generators . . . . .	99.0	106.1	101.5	103.2	—	72.1	78.0	75.1	77.0	—
3622	Industrial controls . . . . .	63.7	68.1	64.1	64.2	—	40.5	44.0	41.1	41.2	—
363	Household appliances . . . . .	153.8	154.2	160.3	160.5	160.7	116.2	114.8	124.0	123.8	124.3
3632	Household refrigerators and freezers . . . . .	37.1	36.0	36.5	37.9	—	28.4	27.1	27.9	29.0	—
3633	Household laundry equipment . . . . .	22.4	22.0	23.7	23.6	—	16.9	16.4	18.1	18.0	—
3634	Electric housewares and fans . . . . .	44.6	44.4	46.9	46.8	—	34.0	33.1	36.7	36.6	—
364	Electric lighting and wiring equipment . . . . .	180.7	186.7	187.5	186.9	189.3	136.3	140.2	142.9	142.1	143.9
3641	Electric lamps . . . . .	34.6	37.1	35.7	36.1	—	30.7	32.8	31.9	32.0	—
3642	Lighting fixtures . . . . .	59.2	60.8	61.6	60.6	—	44.7	45.7	46.9	46.1	—
3643.4	Wiring devices . . . . .	86.9	88.8	90.2	90.2	—	60.9	61.7	64.1	64.0	—
365	Radio and TV receiving equipment . . . . .	121.4	118.4	127.1	125.0	123.4	87.4	84.4	92.6	91.0	91.4
366	Communication equipment . . . . .	433.2	457.5	421.6	421.5	421.4	217.3	238.0	209.6	209.8	210.1
3661	Telephone and telegraph apparatus . . . . .	145.0	164.8	133.8	133.0	—	93.2	109.4	86.2	85.5	—
3662	Radio and TV communication equipment . . . . .	288.2	292.7	287.8	288.5	—	124.1	128.6	123.4	124.3	—
367	Electronic components and accessories . . . . .	348.2	367.7	357.8	357.2	357.8	216.8	233.3	228.1	228.1	229.0
3671.3	Electron tubes . . . . .	43.8	44.8	43.1	42.3	—	28.5	28.9	28.2	27.5	—
3674.9	Other electronic components . . . . .	304.4	322.9	314.7	314.9	—	188.4	204.4	199.9	200.6	—
369	Miscellaneous electrical equipment and supplies . . . . .	129.3	134.0	136.2	135.4	136.6	99.0	103.0	105.5	104.5	105.2
3694	Engine electrical equipment . . . . .	66.4	68.5	70.2	69.5	—	52.2	54.1	55.5	54.9	—
37	<b>TRANSPORTATION EQUIPMENT</b> . . . . .	1,649.1	1,655.5	1,691.2	1,691.7	1,677.2	1,147.9	1,145.0	1,194.9	1,195.4	1,187.1
371	Motor vehicles and equipment . . . . .	774.1	772.0	820.3	823.1	(*)	593.4	586.9	640.4	643.8	(*)
3711	Motor vehicles . . . . .	322.9	313.7	341.2	346.2	—	236.8	229.1	254.3	259.2	—
3712	Passenger car bodies . . . . .	42.9	39.6	46.6	45.8	—	33.7	30.2	37.9	37.2	—
3713	Truck and bus bodies . . . . .	38.5	40.3	38.0	37.7	—	29.6	31.1	29.2	28.9	—
3714	Motor vehicle parts and accessories . . . . .	351.5	356.8	376.8	375.1	—	280.4	280.9	306.7	305.4	—
3715	Truck trailers . . . . .	18.3	21.6	17.7	18.3	—	12.9	15.6	12.3	13.1	—
372	Aircraft and parts . . . . .	514.4	543.7	502.7	500.0	492.6	273.4	295.1	265.3	263.1	259.7
3721	Aircraft . . . . .	275.0	292.0	270.4	268.9	—	133.6	145.4	132.3	130.3	—
3722	Aircraft engines and engine parts . . . . .	139.6	147.9	135.9	135.7	—	76.8	82.8	74.3	74.3	—
3723.9	Other aircraft parts and equipment . . . . .	99.8	103.8	96.4	95.4	—	62.9	66.9	58.7	58.5	—
373	Ship and boat building and repairing . . . . .	194.0	191.4	204.9	206.0	205.8	153.0	151.6	163.4	164.1	164.6
3731	Ship building and repairing . . . . .	153.6	152.9	162.6	162.2	—	120.6	121.5	129.0	128.3	—

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
<b>TRANSPORTATION EQUIPMENT—Continued</b>											
3732	Boat building and repairing .....	40.4	38.5	42.3	43.8	—	32.4	30.1	34.4	35.8	—
374	Railroad equipment .....	52.0	56.1	48.4	46.4	—	39.1	42.9	36.3	34.5	—
375.9	Other transportation equipment .....	114.7	92.3	114.9	116.2	—	89.1	68.5	89.5	89.9	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b> .....	488.8	503.2	495.0	496.1	496.6	293.0	305.7	298.7	299.8	300.8
381	Engineering and scientific instruments .....	61.0	62.9	59.7	59.7	—	30.6	32.3	29.4	29.2	—
382	Mechanical measuring and control devices .....	108.6	112.3	112.7	113.6	114.0	67.2	70.3	71.5	72.1	72.6
3821	Mechanical measuring devices .....	74.7	77.5	75.2	75.7	—	44.1	46.6	44.5	44.8	—
3822	Automatic temperature controls .....	33.8	34.8	37.5	37.9	—	23.1	23.7	27.0	27.3	—
383.5	Optical and ophthalmic goods .....	59.8	61.3	61.2	61.3	61.3	40.4	42.1	41.5	41.7	42.0
385	Ophthalmic goods .....	38.9	40.0	40.1	40.1	—	28.2	29.1	29.4	29.3	—
384	Medical instruments and supplies .....	103.2	106.7	105.1	105.6	105.3	68.3	71.7	70.0	70.8	70.4
386	Photographic equipment and supplies .....	126.1	129.5	125.8	126.4	126.5	62.4	65.0	62.1	62.6	62.8
387	Watches, clocks, and watchcases .....	30.2	30.5	30.5	29.5	—	24.2	24.3	24.2	23.4	—
<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>											
39	<b>INDUSTRIES</b> .....	404.4	391.8	405.5	398.3	400.2	308.7	294.9	309.0	302.3	306.0
391	Jewelry, silverware, and plated ware .....	50.1	51.2	53.1	51.4	51.9	36.5	37.0	39.4	37.5	37.9
394	Toys and sporting goods .....	115.2	103.7	105.4	103.6	—	89.5	78.7	79.1	77.8	—
3941.3	Games, toys, dolls, and play vehicles .....	62.9	47.1	53.6	51.9	—	47.6	32.9	38.0	36.6	—
3949	Sporting and athletic goods, nec .....	52.4	56.6	51.8	51.7	—	41.9	45.8	41.1	41.2	—
395	Pens, pencils, office, and art supplies .....	34.2	32.4	34.4	34.3	—	24.3	22.0	24.4	24.4	—
396	Costume jewelry and notions .....	52.2	49.5	57.3	53.9	—	42.3	39.3	47.2	43.9	—
393.9	Other manufacturing industries .....	152.6	155.0	155.3	155.1	156.7	116.1	117.9	118.9	118.7	120.6
393	Musical instruments and parts .....	23.3	24.3	24.2	24.4	—	19.1	19.9	20.1	20.2	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b> .....	1,676.4	1,606.4	1,674.7	1,634.2	1,639.8	1,136.0	1,071.7	1,133.5	1,097.6	1,103.2
201	Meat products .....	338.6	331.8	347.2	340.4	337.8	277.1	270.4	285.5	278.7	276.0
2011	Meat packing plants .....	167.2	169.5	169.7	168.1	—	134.5	136.2	137.1	135.6	—
2013	Sausages and other prepared meats .....	65.3	64.5	66.4	66.3	—	45.8	45.5	47.0	46.6	—
2015	Poultry dressing plants .....	106.1	97.8	111.1	106.0	—	96.8	88.7	101.4	96.5	—
202	Dairy products .....	196.6	194.0	191.8	189.8	189.3	100.9	98.2	98.1	97.4	97.2
2024	Ice cream and frozen desserts .....	22.6	20.3	20.9	21.2	—	12.3	10.6	11.0	11.3	—
2026	Fluid milk .....	128.4	129.2	125.4	123.6	—	54.6	54.5	53.1	52.6	—
203	Canned, cured, and frozen foods .....	292.8	245.5	264.2	249.7	—	244.9	198.9	216.0	202.6	—
2031.6	Canned, cured, and frozen sea foods .....	44.6	42.1	45.4	43.3	—	37.9	35.6	38.9	37.6	—
2032.3	Canned food, except sea foods .....	137.5	104.3	107.4	102.1	—	113.4	81.0	83.0	78.2	—
2037	Frozen fruits and vegetables .....	66.6	59.9	67.0	62.2	—	58.6	52.0	58.9	54.0	—
204	Grain mill products .....	137.5	134.7	140.0	139.7	139.4	96.1	94.0	98.8	98.2	97.9
2041	Flour and other grain mill products .....	26.0	26.4	26.2	26.3	—	18.6	18.9	19.0	18.8	—
2042	Prepared feeds for animals and fowls .....	71.1	68.7	72.7	72.8	—	46.9	45.0	48.7	48.8	—
205	Bakery products .....	235.9	231.4	239.0	235.7	(*)	134.6	130.7	137.4	134.4	(*)
2051	Bread, cake, and related products .....	196.0	192.7	198.0	195.4	—	103.4	100.7	104.9	102.6	—
2052	Cookies and crackers .....	39.9	38.7	41.0	40.3	—	31.3	30.0	32.5	31.8	—
206	Sugar .....	35.4	38.2	43.2	40.3	—	27.1	30.0	34.6	32.0	—
207	Confectionery and related products .....	72.3	69.3	78.2	76.1	(*)	54.9	52.2	60.2	58.3	(*)
2071	Confectionery products .....	53.5	51.4	58.6	56.6	—	41.5	39.6	46.1	44.3	—
208	Beverages .....	222.8	216.7	223.3	216.4	215.9	107.7	104.3	107.3	101.6	101.6
2082	Malt liquors .....	51.1	50.1	50.0	47.2	—	34.2	33.6	33.2	31.2	—
2086	Bottled and canned soft drinks .....	125.6	120.8	126.9	125.7	—	46.0	43.1	46.1	45.3	—
209	Miscellaneous foods and kindred products .....	144.6	144.8	147.8	146.1	145.9	92.6	93.0	95.6	94.4	94.9
21	<b>TOBACCO MANUFACTURES</b> .....	78.3	80.3	83.7	79.5	75.6	64.8	66.8	70.2	66.2	62.8
211	Cigarettes .....	45.0	45.6	46.4	46.1	—	36.6	37.3	37.9	37.7	—
212	Cigars .....	11.8	13.5	11.3	11.1	—	10.4	12.1	9.9	9.8	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	901.5	867.2	957.4	954.8	959.4	782.1	747.0	836.5	833.5	838.2
221	Weaving mills, cotton .....	163.9	161.6	174.0	173.8	173.6	148.1	146.0	158.4	158.2	158.1
222	Weaving mills, synthetics .....	113.8	113.2	121.4	121.8	122.7	101.0	99.2	108.7	108.9	110.0
223	Weaving and finishing mills, wool .....	20.6	20.4	21.9	22.1	22.5	16.9	16.5	18.2	18.3	18.8
224	Narrow fabric mills .....	22.7	21.3	25.5	25.8	26.0	19.5	18.2	22.2	22.5	22.5
225	Knitting mills .....	243.9	232.1	253.7	251.0	254.3	209.4	198.6	218.1	214.9	217.7
2251	Women's hosiery, except socks .....	37.9	36.6	38.6	38.1	—	33.3	32.0	34.1	33.6	—
2252	Hosiery, nec .....	31.8	30.1	33.5	33.4	—	28.2	26.6	29.7	29.7	—
2253	Knit outerwear mills .....	71.3	69.5	73.7	71.1	—	60.1	58.3	62.2	59.2	—
2254	Knit underwear mills .....	36.0	34.6	38.0	38.2	—	31.4	30.5	33.2	33.4	—

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 <sup>1</sup>				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>TEXTILE MILL PRODUCTS—Continued</b>										
226	Textile finishing, except wool .....	77.2	73.4	82.4	82.6	83.0	64.9	60.9	70.1	70.3	70.6
227	Floor covering mills .....	57.5	55.7	59.7	58.5	—	45.5	43.5	47.4	46.3	—
228	Yarn and thread mills .....	138.8	126.5	153.0	153.5	153.6	125.7	113.3	139.7	140.4	140.5
229	Miscellaneous textile goods .....	63.1	63.0	65.8	65.7	65.7	51.1	50.8	53.7	53.7	54.0
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	1,235.1	1,191.0	1,295.0	1,284.9	1,308.0	1,061.3	1,018.5	1,117.0	1,106.9	1,131.1
231	Men's and boys' suits and coats .....	86.9	94.9	87.5	87.5	87.4	75.6	82.1	76.5	76.6	77.2
232	Men's and boys' furnishings .....	355.1	354.7	375.6	376.4	382.5	304.2	304.3	322.7	323.5	329.8
2321	Men's and boys' shirts and nightwear .....	111.7	113.4	116.3	116.1	—	97.3	99.2	101.7	101.4	—
2327	Men's and boys' separate trousers .....	80.6	82.0	86.3	86.3	—	70.5	72.1	75.8	75.8	—
2328	Men's and boys' work clothing .....	85.8	84.0	92.1	93.1	—	70.8	69.1	76.2	77.1	—
233	Women's and misses' outerwear .....	383.8	359.3	397.9	395.1	406.6	336.1	312.5	349.8	347.0	357.8
2331	Women's and misses' blouses and waists .....	48.5	45.0	50.4	50.8	—	42.7	39.2	44.5	45.0	—
2335	Women's and misses' dresses .....	169.2	155.9	172.8	170.0	—	151.8	138.9	155.3	151.8	—
2337	Women's and misses' suits and coats .....	57.6	51.1	58.8	57.8	—	48.4	42.4	49.8	49.1	—
2339	Women's and misses' outerwear, nec .....	108.5	107.3	115.9	116.5	—	93.2	92.0	100.2	101.1	—
234	Women's and children's undergarments .....	96.2	93.2	100.8	97.8	(*)	81.9	79.1	85.6	83.0	(*)
2341	Women's and children's underwear .....	72.8	69.6	76.0	73.5	—	63.1	60.1	65.6	63.4	—
2342	Corsets and allied garments .....	23.4	23.6	24.8	24.3	—	18.8	19.0	20.0	19.6	—
235	Hats, caps, and millinery .....	15.5	15.7	15.4	15.5	—	13.7	14.0	13.6	13.7	—
236	Children's outerwear .....	70.5	65.0	74.7	75.4	76.6	60.9	55.5	64.7	65.2	66.3
2361	Children's dresses and blouses .....	28.3	26.7	30.6	30.7	—	25.5	23.9	27.7	27.7	—
237,8	Fur goods and miscellaneous apparel .....	62.9	59.2	65.0	64.4	—	53.9	49.8	56.1	55.9	—
239	Miscellaneous fabricated textile products .....	164.1	149.0	178.1	172.8	174.3	135.1	121.2	148.0	142.0	145.0
2391,2	Housefurnishings .....	69.0	60.9	76.9	76.1	—	57.6	50.3	64.7	64.0	—
26	<b>PAPER AND ALLIED PRODUCTS</b>	642.7	657.5	660.5	658.4	662.8	482.6	495.5	499.1	496.8	499.3
261,2,6	Paper and pulp mills .....	191.8	198.1	194.5	194.7	193.4	146.3	152.7	148.6	148.1	146.9
263	Paperboard mills .....	66.5	67.8	68.4	68.2	68.7	52.3	53.4	54.3	54.2	54.8
264	Miscellaneous converted paper products .....	189.5	195.8	193.3	192.2	(*)	134.7	139.6	138.1	137.4	(*)
2643	Bags, except textile bags .....	41.5	44.5	43.1	42.6	—	33.0	36.0	34.5	34.1	—
265	Paperboard containers and boxes .....	194.9	195.8	204.3	203.3	204.2	149.3	149.8	158.1	157.1	157.6
2651,2	Folding and setup paperboard boxes .....	54.5	54.7	57.7	57.2	—	43.5	43.5	46.8	45.8	—
2653	Corrugated and solid fiber boxes .....	94.7	95.5	98.5	98.3	—	69.1	69.8	72.4	72.6	—
2654	Sanitary food containers .....	28.3	27.9	29.9	29.7	—	23.2	22.7	24.6	24.4	—
27	<b>PRINTING AND PUBLISHING</b>	1,079.3	1,100.6	1,081.6	1,071.5	1,066.2	636.3	655.7	636.9	630.2	625.2
271	Newspapers .....	378.5	384.3	377.2	374.8	374.0	168.4	173.2	167.2	165.7	165.0
272	Periodicals .....	69.3	69.7	70.3	69.9	—	18.7	20.1	18.6	18.1	—
273	Books .....	92.2	94.5	91.4	91.5	—	49.4	51.6	48.7	48.9	—
275	Commercial printing .....	358.5	363.8	362.4	358.3	356.5	270.4	275.4	273.4	270.4	267.7
2751	Commercial printing, except lithographic .....	202.2	204.6	204.6	201.2	—	155.0	157.7	156.5	153.8	—
2752	Commercial printing, lithographic .....	146.0	148.5	147.5	146.6	—	107.8	109.9	109.3	108.8	—
278	Blankbooks and bookbinding .....	49.5	51.4	49.2	48.5	(*)	40.7	42.5	40.5	39.8	(*)
274,6,7,9	Other publishing and printing ind .....	131.2	136.9	131.1	128.5	(*)	88.7	92.9	88.5	87.3	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	1,012.5	1,026.1	1,016.3	1,017.1	1,021.8	569.8	577.6	577.4	577.7	580.1
281	Industrial chemicals .....	323.9	327.4	327.2	328.4	329.9	171.4	176.2	173.6	175.0	176.4
2812	Alkalies and chlorine .....	21.6	22.1	21.4	21.4	—	15.5	15.0	15.6	15.6	—
2818	Industrial organic chemicals, nec .....	135.1	136.3	135.9	136.1	—	58.7	60.2	58.9	59.1	—
2819	Industrial inorganic chemicals, nec .....	106.3	106.1	107.2	108.2	—	59.5	60.5	59.8	61.2	—
282	Plastics materials and synthetics .....	203.0	206.1	206.6	206.0	207.2	132.5	132.7	137.5	136.9	136.6
2821	Plastics materials and resins .....	86.2	91.8	85.9	85.7	—	51.4	55.4	52.5	52.2	—
2823,4	Synthetic fibers .....	104.9	102.1	108.5	108.1	—	72.9	69.0	76.3	76.1	—
283	Drugs .....	164.0	164.3	164.9	164.7	164.1	80.8	81.5	82.0	82.3	81.8
2834	Pharmaceutical preparations .....	130.5	130.3	131.7	131.5	—	61.9	62.1	63.6	63.8	—
284	Soap, cleaners, and toilet goods .....	118.7	118.7	118.1	117.4	118.7	68.2	67.4	69.0	67.3	68.1
2841	Soap and other detergents .....	38.5	39.5	38.7	38.3	—	25.5	26.4	25.7	25.5	—
2844	Toilet preparations .....	48.4	47.2	47.3	46.2	—	27.0	25.5	27.0	25.5	—
285	Paints and allied products .....	64.9	65.3	63.6	64.1	64.1	34.4	34.1	33.6	34.0	34.3
287	Agricultural chemicals .....	55.3	55.5	54.7	55.8	57.7	34.0	34.0	33.9	34.7	36.2
2871,2	Fertilizers, complete and mixing only .....	33.7	34.7	32.4	33.7	—	23.0	23.7	22.4	23.4	—
286,9	Other chemical products .....	82.7	88.8	81.2	80.7	80.1	48.6	53.7	47.8	47.5	46.7
2892	Explosives .....	18.4	21.4	16.8	16.4	—	12.0	14.4	10.8	10.5	—
29	<b>PETROLEUM AND COAL PRODUCTS</b>	197.4	189.2	200.2	197.3	196.5	124.9	115.5	128.4	126.2	126.3
291	Petroleum refining .....	154.2	150.5	156.5	155.7	154.8	93.9	88.7	96.7	96.4	96.4
295,9	Other petroleum and coal products .....	43.2	38.7	43.7	41.6	41.7	31.0	26.8	31.7	29.8	29.9

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC.</b>	587.6	607.9	608.7	607.3	612.1	450.4	467.4	470.6	469.4	475.4
301	Tires and inner tubes	117.6	128.3	117.5	117.7	118.1	84.7	93.6	84.8	85.3	85.9
302,3,6	Other rubber products	157.3	166.9	160.9	159.6	159.7	122.2	130.4	125.7	124.8	125.1
302	Rubber footwear	23.7	26.3	23.1	22.6	—	20.0	22.6	19.4	19.2	—
307	Miscellaneous plastics products	312.7	312.7	330.3	330.0	334.3	243.5	243.4	260.1	259.3	264.4
31	<b>LEATHER AND LEATHER PRODUCTS</b>	256.8	253.2	271.3	270.3	273.6	219.4	214.7	233.9	233.2	236.9
311	Leather tanning and finishing	22.6	20.9	24.2	24.1	24.3	19.4	17.8	20.9	20.9	21.1
314	Footwear, except rubber	163.0	166.2	170.4	171.2	173.3	141.4	143.6	148.8	149.8	152.1
312,3,5-7,9	Other leather products	71.2	66.1	76.7	75.0	76.0	58.6	53.3	64.2	62.5	63.7
316	Luggage	15.6	14.0	17.1	16.6	—	12.3	10.7	13.6	13.2	—
317	Handbags and personal leather goods	33.1	29.1	35.7	35.2	—	27.3	23.4	30.2	29.5	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	4,498	4,548	4,477	4,436	4,446	3,857	3,905	3,836	3,801	3,810
40	<b>RAILROAD TRANSPORTATION</b>	537.6	563.4	520.7	513.6	—	—	—	—	—	—
4011	Class I railroads <sup>2</sup>	490.5	510.3	481.0	476.3	—	—	—	—	—	—
	<b>LOCAL AND INTERURBAN PASSENGER TRANSPORTATION</b>										
41	<b>TRANSIT</b>	270.2	280.3	278.4	277.2	—	—	—	—	—	—
411	Local and suburban transportation	69.4	69.6	69.4	72.1	—	64.3	65.0	64.3	66.9	—
412	Taxis	83.4	89.3	80.4	80.1	—	—	—	—	—	—
413	Intercity highway transportation	39.2	40.5	39.2	38.1	—	35.3	36.6	35.2	34.2	—
42	<b>TRUCKING AND WAREHOUSING</b>	1,085.5	1,072.0	1,109.3	1,057.9	—	968.6	952.8	993.6	941.4	—
421,3	Trucking and trucking terminals	996.4	981.4	1,017.5	970.9	—	891.8	874.1	914.6	867.2	—
422	Public warehousing	89.1	90.6	91.8	87.0	—	76.8	78.7	79.0	74.2	—
45	<b>TRANSPORTATION BY AIR</b>	361.9	370.6	331.3	367.2	—	—	—	—	—	—
451,2	Air transportation	325.5	332.9	296.1	332.0	—	—	—	—	—	—
46	<b>PIPELINE TRANSPORTATION</b>	16.5	16.2	16.4	16.4	—	12.6	12.7	12.1	12.4	—
44,47	<b>OTHER TRANSPORTATION AND SERVICES</b>	328.6	331.9	335.6	318.3	—	—	—	—	—	—
44	<b>WATER TRANSPORTATION</b>	189.6	196.8	193.3	180.1	—	—	—	—	—	—
47	<b>TRANSPORTATION SERVICES</b>	139.0	135.1	142.3	138.2	—	—	—	—	—	—
48	<b>COMMUNICATION</b>	1,165.5	1,178.2	1,155.9	1,154.3	—	897.5	908.5	889.0	888.7	—
481	Telephone communication	962.3	978.7	949.4	947.6	—	734.8	749.4	723.3	722.9	—
482	Telegraph communication <sup>3</sup>	18.5	19.2	18.2	18.2	—	13.0	13.4	12.8	12.8	—
483	Radio and television broadcasting	152.4	148.7	155.3	155.4	—	122.0	119.0	124.0	124.2	—
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	732.5	735.0	729.0	730.8	—	611.4	615.2	607.5	608.8	—
491	Electric companies and systems	314.0	321.0	312.9	314.5	—	259.8	266.6	258.3	259.6	—
492	Gas companies and systems	159.5	157.1	159.1	159.0	—	132.3	130.3	131.1	130.8	—
493	Combination companies and systems	194.8	193.9	192.6	192.6	—	164.5	164.1	163.3	163.4	—
494-7	Water, steam, and sanitary systems	64.2	63.0	64.4	64.7	—	54.8	54.2	54.8	55.0	—
—	<b>WHOLESALE AND RETAIL TRADE</b>	16,947	16,700	17,737	17,004	16,908	14,964	14,731	15,738	15,001	14,894
50	<b>WHOLESALE TRADE</b>	4,177	4,180	4,215	4,186	4,191	3,462	3,471	3,491	3,464	3,468
501	Motor vehicles and automotive equipment	367.1	372.3	371.2	371.9	—	298.9	298.3	303.6	303.2	—
502	Drugs, chemicals, and allied products	239.2	239.4	240.0	237.5	—	192.9	194.8	192.4	190.6	—
503	Dry goods and apparel	154.2	156.2	155.2	153.4	—	120.4	122.4	121.5	120.7	—
504	Groceries and related products	596.6	578.8	616.7	606.4	—	520.0	505.9	538.8	527.9	—
506	Electrical goods	323.4	334.4	318.4	318.2	—	272.8	283.5	267.9	267.9	—
507	Hardware, plumbing and heating equipment	182.4	185.1	182.6	182.8	—	151.4	154.4	150.8	150.9	—
508	Machinery, equipment, and supplies	875.6	884.8	868.8	870.7	—	725.6	736.9	716.6	718.4	—
509	Miscellaneous wholesalers	1,334.0	1,323.7	1,349.9	1,335.4	—	1,094.3	1,088.8	1,106.2	1,094.3	—
52-59	<b>RETAIL TRADE</b>	12,771	12,520	13,522	12,818	12,717	11,502	11,260	12,247	11,537	11,426
53	<b>Retail General Merchandise</b>	2,469.3	2,523.4	2,885.5	2,482.6	—	2,260.9	2,307.1	2,679.4	2,278.2	—
531	Department stores	1,657.8	1,701.7	1,973.3	1,691.0	—	1,522.3	1,559.4	1,840.0	1,560.3	—
532	Mail order houses	128.3	136.6	148.7	120.2	—	121.5	129.7	142.0	113.2	—
533	Variety stores	309.2	315.9	350.4	303.9	—	286.5	292.3	328.6	282.1	—
54	<b>FOOD STORES</b>	1,950.1	1,947.3	2,001.0	1,981.6	—	1,808.1	1,806.0	1,856.3	1,835.6	—
541-3	Grocery, meat, and vegetable stores	1,774.1	1,777.1	1,810.6	1,803.4	—	1,644.8	1,647.9	1,679.8	1,670.9	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>
-	<b>WHOLESALE AND RETAIL TRADE—Continued</b>										
56	<b>APPAREL AND ACCESSORY STORES</b>	784.1	786.9	891.8	809.8	-	686.8	689.7	792.6	711.8	-
561	Men's and boys' clothing and furnishings	137.4	144.3	161.6	145.3	-	119.5	125.9	143.9	127.4	-
562	Women's ready-to-wear stores	292.1	291.2	330.8	300.0	-	257.2	256.3	294.9	264.8	-
565	Family clothing stores	122.5	120.5	146.0	129.0	-	111.6	109.9	134.9	117.6	-
566	Shoe stores	161.2	160.1	173.7	163.7	-	135.6	134.5	147.9	138.6	-
57	<b>FURNITURE AND HOME FURNISHINGS STORES</b>	510.0	511.7	533.4	523.8	-	433.0	435.6	454.8	443.2	-
571	Furniture and home furnishings	313.3	315.7	322.9	318.5	-	266.2	268.8	275.4	271.6	-
58	<b>EATING AND DRINKING PLACES</b>	3,297.6	3,048.6	3,315.3	3,225.5	-	3,079.2	2,842.3	3,096.0	3,001.3	-
52,55,59	<b>OTHER RETAIL TRADE</b>	3,759.6	3,702.1	3,895.3	3,794.2	-	3,234.2	3,179.6	3,368.3	3,266.4	-
52	Building materials and farm equipment	603.8	588.1	614.7	602.5	-	515.0	498.5	525.2	511.3	-
55	Automotive dealers and service stations	1,692.4	1,669.2	1,702.6	1,702.0	-	-	-	-	-	-
551.2	Motor vehicle dealers	760.8	759.7	768.8	771.4	-	632.8	631.2	640.6	642.8	-
553.9	Other automotive and accessory dealers	315.4	301.2	318.8	314.8	-	264.3	252.4	267.0	263.3	-
554	Gasoline service stations	616.2	608.3	615.0	615.8	-	-	-	-	-	-
59	Miscellaneous retail stores	1,463.5	1,444.8	1,578.0	1,489.7	-	-	-	-	-	-
591	Drug stores and proprietary stores	469.7	469.7	493.4	480.0	-	419.4	419.3	442.0	428.4	-
594	Book and stationery stores	78.7	79.4	82.4	78.3	-	67.1	67.9	70.3	66.6	-
596	Farm and garden supply stores	130.7	126.1	131.2	128.5	-	-	-	-	-	-
598	Fuel and ice dealers	99.3	106.6	102.1	108.3	-	84.6	91.5	87.9	93.4	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b>	4,223	4,177	4,243	4,226	4,230	3,221	3,180	3,235	3,214	3,217
60	Banking	1,274.5	1,267.0	1,283.3	1,282.7	-	1,006.5	1,001.4	1,012.8	1,010.1	-
61	Credit agencies other than banks	437.5	428.8	447.6	449.0	-	335.2	328.2	342.7	342.9	-
612	Savings and loan associations	165.2	156.2	174.5	176.2	-	132.7	125.4	140.4	141.2	-
614	Personal credit institutions	193.5	195.1	192.4	192.2	-	-	-	-	-	-
62	Security, commodity brokers and services	170.2	165.7	170.7	169.9	-	138.8	133.9	139.5	137.6	-
63	Insurance carriers	1,105.4	1,106.8	1,103.9	1,096.7	-	742.3	740.8	743.9	737.4	-
631	Life insurance	524.1	525.6	518.9	512.2	-	303.7	305.1	299.1	294.9	-
632	Accident and health insurance	118.8	117.4	120.0	119.4	-	98.7	97.7	99.9	99.0	-
633	Fire, marine, and casualty insurance	406.3	409.6	406.6	407.3	-	293.9	293.8	297.0	296.3	-
64	Insurance agents, brokers, and service	330.5	324.2	335.6	334.3	-	-	-	-	-	-
65	Real estate	790.7	771.4	788.6	780.0	-	-	-	-	-	-
655	Subdividers and developers	117.3	112.7	108.3	104.7	-	-	-	-	-	-
656	Operative builders	55.3	55.4	54.2	52.9	-	-	-	-	-	-
66,67	Other finance, insurance, and real estate	113.8	113.2	112.8	113.3	-	-	-	-	-	-
-	<b>SERVICES</b>	13,995	13,608	14,158	14,027	14,182	12,607	12,254	12,758	12,624	12,745
70	Hotels and other lodging places	978.9	900.9	932.5	929.2	-	-	-	-	-	-
701	Hotels, tourist courts, and motels	805.3	738.5	777.3	762.6	-	746.6	683.5	719.3	699.7	-
72	Personal services	834.6	833.2	838.6	823.8	-	-	-	-	-	-
721	Laundries and dry cleaning plants	358.4	360.7	354.5	352.3	-	321.3	323.2	317.8	315.2	-
722*	Photographic studios	44.4	41.7	48.5	41.2	-	39.6	36.8	43.9	35.4	-
73	Miscellaneous business services	1,996.0	1,976.9	2,049.5	2,034.8	-	-	-	-	-	-
731	Advertising	119.9	120.6	121.6	120.2	-	-	-	-	-	-
732	Credit reporting and collection	79.0	76.6	79.6	78.0	-	-	-	-	-	-
734*	Services to buildings	391.6	392.0	397.1	398.8	-	-	-	-	-	-
76	Miscellaneous repair services	217.3	224.2	215.5	215.6	-	-	-	-	-	-
78	Motion pictures	202.0	190.8	193.9	191.1	-	-	-	-	-	-
781	Motion picture filming and distributing	63.0	61.9	63.9	63.4	-	45.7	44.4	47.6	48.0	-
782,3	Motion picture theaters and services	139.0	128.9	130.0	127.7	-	-	-	-	-	-
80	Medical and other health services	4,193.5	4,088.9	4,290.6	4,299.8	-	-	-	-	-	-
806	Hospitals	2,292.3	2,245.0	2,328.0	2,327.7	-	2,096.2	2,054.2	2,129.6	2,129.6	-
81	Legal services	341.0	329.2	351.5	350.9	-	-	-	-	-	-
82	Educational services	1,216.1	1,211.2	1,300.1	1,252.1	-	-	-	-	-	-
821	Elementary and secondary schools	395.8	408.0	417.7	419.7	-	-	-	-	-	-
822	Colleges and universities	668.7	654.6	719.3	669.3	-	-	-	-	-	-
89	Miscellaneous services	877.8	879.1	881.5	888.7	-	-	-	-	-	-
891	Engineering and architectural services	402.2	400.6	404.0	401.0	-	-	-	-	-	-
892	Nonprofit research agencies	139.8	132.8	144.5	143.2	-	-	-	-	-	-

See footnotes at end of table.

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

[In thousands]

SIC Code	Industry	All employees					Production workers <sup>1</sup>				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>
—	GOVERNMENT .....	14,773	14,538	15,227	15,041	15,236	—	—	—	—	—
91	FEDERAL GOVERNMENT <sup>5</sup> .....	2,748	2,711	2,771	2,724	2,736	—	—	—	—	—
	Executive .....	2,700.1	2,663.9	2,722.6	2,675.6	—	—	—	—	—	
	Department of Defense .....	954.7	953.1	945.6	941.1	—	—	—	—	—	
	Postal Service .....	696.6	697.4	724.0	677.9	—	—	—	—	—	
	Other agencies .....	1,048.9	1,013.4	1,053.0	1,056.6	—	—	—	—	—	
	Legislative .....	37.3	36.8	37.6	37.5	—	—	—	—	—	
	Judicial .....	10.3	9.8	10.7	10.7	—	—	—	—	—	
92,93	STATE AND LOCAL GOVERNMENT .....	12,025	11,827	12,456	12,317	12,500	—	—	—	—	
92	State government .....	3,206.7	3,152.1	3,311.7	3,248.9	—	—	—	—	—	
	State education .....	1,348.4	1,322.1	1,476.4	1,415.6	—	—	—	—	—	
	Other State government .....	1,858.3	1,830.0	1,835.3	1,833.3	—	—	—	—	—	
93	Local government .....	8,818.1	8,674.5	9,144.2	9,067.6	—	—	—	—	—	
	Local education .....	4,879.7	4,959.1	5,202.5	5,134.8	—	—	—	—	—	
	Other local government .....	3,938.4	3,715.4	3,941.7	3,932.8	—	—	—	—	—	

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

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

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

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

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

\* Not available.

p=preliminary.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

SIC Code	Industry	1973		1974		1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
-	<b>TOTAL</b> .....	28,924	38	30,026	38	30,146	39
-	<b>PRIVATE SECTOR</b> .....	22,912	36	23,756	37	23,572	38
-	<b>MINING</b> .....	40	6	45	6	52	7
10	<b>METAL MINING</b> .....	2.9	3	3.7	4	4.3	5
11,12	<b>COAL MINING</b> .....	2.6	2	3.0	2	3.8	2
13	<b>OIL AND GAS EXTRACTION</b> .....	28.4	10	32.0	11	37.4	11
131,2	Crude petroleum and natural gas fields .....	19.2	14	21.4	14	24.3	15
138	Oil and gas field services .....	9.2	7	10.6	7	13.1	7
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	5.6	5	6.3	5	6.5	6
142	Crushed and broken stone .....	1.9	5	2.1	5	2.1	5
144	Sand and gravel .....	1.7	4	1.8	5	1.9	5
-	<b>CONTRACT CONSTRUCTION</b> .....	221	6	234	6	228	7
15	<b>GENERAL BUILDING CONTRACTORS</b> .....	70.9	6	75.1	6	72.4	7
16	<b>HEAVY CONSTRUCTION CONTRACTORS</b> .....	34.5	5	38.5	5	37.6	5
161	Highway and street construction .....	12.5	4	13.0	4	12.6	4
162	Heavy construction, nec .....	22.0	5	25.4	6	25.1	6
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	116.0	6	120.7	6	117.7	7
171	Plumbing, heating, air conditioning .....	35.9	7	36.0	8	35.0	8
172	Painting, paper hanging, decorating .....	8.6	6	8.6	6	7.9	6
173	Electrical work .....	18.5	5	19.6	6	19.5	6
174	Masonry, stonework, and plastering .....	10.6	4	10.1	4	9.3	5
176	Roofing and sheet metal work .....	7.5	6	7.8	6	8.0	7
-	<b>MANUFACTURING</b> .....	5,803	29	5,819	29	5,259	29
19,24,25,32-39	<b>DURABLE GOODS</b> .....	2,547	22	2,606	22	2,274	21
20-23,26-31	<b>NONDURABLE GOODS</b> .....	3,256	40	3,213	39	2,985	39
	<b>DURABLE GOODS</b>						
19	<b>ORDNANCE AND ACCESSORIES</b> .....	43.9	24	43.1	24	41.5	24
192	Ammunition, except for small arms .....	32.3	25	31.7	26	28.7	25
1925	Complete guided missiles .....	16.2	19	18.8	21	19.5	22
1929	Ammunition, except for small arms, nec .....	16.0	39	12.9	39	9.2	38
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	74.2	12	76.0	12	68.4	12
241	Logging camps, and logging contractors .....	3.0	4	3.8	5	3.9	5
242	Sawmills and planing mills .....	14.6	7	15.5	7	14.2	7
2421	Sawmills and planing mills, general .....	10.5	6	11.2	6	10.6	6
243	Millwork, plywood and related products .....	26.9	13	27.0	14	24.9	14
2431	Millwork .....	14.5	16	14.2	17	13.7	18
2432	Veneer and plywood .....	8.9	11	9.4	13	8.1	12
244	Wooden containers .....	5.5	20	5.4	21	4.2	20
2441,2	Wooden boxes, shooks, and crates .....	4.6	21	4.6	22	3.5	20
249	Miscellaneous wood products .....	24.1	24	24.3	24	21.4	24
25	<b>FURNITURE AND FIXTURES</b> .....	146.6	27	146.1	28	125.4	28
251	Household furniture .....	116.1	30	114.7	31	98.3	31
2511	Wood household furniture .....	54.9	28	56.2	30	47.7	29
2512	Upholstered household furniture .....	36.6	33	35.3	34	31.3	34
2515	Mattresses and bedsprings .....	11.8	29	10.8	29	9.3	29
252	Office furniture .....	7.7	18	8.2	19	6.9	19
254	Partitions and fixtures .....	7.4	13	8.1	15	7.6	16
253,9	Other furniture and fixtures .....	15.4	30	15.1	30	12.8	29
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	116.4	17	117.8	17	105.3	17
321	Flat glass .....	1.9	8	1.8	8	1.3	8
322	Glass and glassware, pressed or blown .....	46.2	34	45.6	34	42.5	34
3221	Glass containers .....	27.7	36	26.6	36	26.2	36
3229	Pressed and blown glass nec .....	18.5	30	19.0	31	16.4	31
324	Cement, hydraulic .....	1.2	4	1.3	4	1.3	4
325	Structural clay products .....	6.8	12	6.7	12	5.6	12
3251	Brick and structural clay tile .....	1.3	5	1.3	5	1.1	5
326	Pottery and related products .....	15.8	34	16.5	34	13.8	33
327	Concrete, gypsum, and plaster products .....	12.0	6	12.5	6	11.8	6
328,9	Other stone and nonmetallic mineral products .....	22.2	16	22.7	15	19.9	15
3291	Abrasive products .....	5.5	20	5.9	21	5.2	22

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

SIC Code	Industry	1973		1974		1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<b>DURABLE GOODS—Continued</b>						
33	<b>PRIMARY METAL INDUSTRIES</b>	100.1	8	104.5	8	92.2	8
331	Blast furnace and basic steel products	27.5	5	29.6	5	27.8	5
3312	Blast furnaces and steel mills	20.3	4	22.1	4	21.6	5
332	Iron and steel foundries	12.0	5	13.6	5	12.9	6
3321	Gray iron foundries	6.4	4	7.0	4	6.0	4
3322	Malleable iron foundries	1.0	4	1.2	5	1.1	5
3323	Steel foundries	4.6	8	5.4	8	5.8	9
333,4	Nonferrous metals	3.6	4	4.2	5	3.9	5
3334	Primary aluminum	.8	3	1.0	3	.9	3
335	Nonferrous rolling and drawing	37.6	17	37.3	17	31.2	17
3351	Copper rolling and drawing	3.2	8	3.5	8	2.8	9
3352	Aluminum rolling and drawing	7.4	10	7.6	11	6.7	12
3357	Nonferrous wire drawing and insulating	23.9	26	23.0	26	19.3	25
336	Nonferrous foundries	13.8	15	13.7	15	10.8	14
3361	Aluminum castings	6.1	12	6.3	12	5.0	12
3362,9	Other nonferrous castings	7.7	18	7.4	18	5.8	17
339	Miscellaneous primary metal products	5.7	7	6.2	8	5.6	8
3391	Iron and steel forgings	2.7	5	3.0	6	3.1	6
34	<b>FABRICATED METAL PRODUCTS</b>	282.5	19	284.3	19	247.0	18
341	Metal cans	12.3	17	12.4	17	10.6	17
342	Cutlery, hand tools, and hardware	56.9	33	57.2	33	50.1	32
3421,3,5	Cutlery and hand tools, including saws	19.9	28	22.2	29	19.7	29
3429	Hardware, nec	37.0	36	35.0	36	30.4	35
343	Plumbing and heating, except electric	14.4	17	14.0	19	11.9	19
3431,2	Sanitary ware and plumbers' brass goods	7.3	19	7.0	20	5.7	20
3433	Heating equipment, except electric	7.1	16	7.0	17	6.2	17
344	Fabricated structural metal products	53.7	11	54.3	11	52.3	12
3441	Fabricated structural steel	5.8	5	6.5	6	6.7	6
3442	Metal doors, sash, and trim	19.3	24	17.4	23	16.8	25
3443	Fabricated plate work (boiler shops)	9.9	8	11.0	8	11.5	8
3444	Sheet metal work	12.4	13	13.0	14	11.8	14
3446,9	Architectural and miscellaneous metal work	6.3	10	6.5	10	5.6	10
345	Screw machine products, bolts, etc.	23.0	22	24.5	22	20.4	22
3451	Screw machine products	12.0	24	13.0	25	10.7	25
3452	Bolts, nuts, rivets, and washers	11.0	19	11.5	19	9.7	19
346	Metal stampings	54.4	21	52.5	22	42.3	21
347	Metal services, nec	19.0	20	19.5	21	16.5	20
348	Misc. fabricated wire products	18.6	26	17.8	25	14.1	25
349	Misc. fabricated metal products	30.3	18	32.2	18	28.9	18
3494,8	Valves, pipe, and pipe fittings	18.4	18	19.8	18	18.3	17
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	325.4	16	361.7	16	329.6	16
351	Engines and turbines	17.9	15	18.8	16	17.1	15
3511	Steam engines and turbines	5.4	12	5.4	12	5.2	12
3519	Internal combustion engines, nec	12.4	17	13.4	18	11.8	17
352	Farm machinery	15.3	10	18.4	11	17.1	11
353	Construction and related machinery	29.6	9	33.7	10	35.0	10
3531,2	Construction and mining machinery	14.2	8	16.0	8	16.8	9
3533	Oil field machinery	4.8	10	5.7	11	7.1	11
3535,6	Conveyors, hoists, cranes, monorails	4.5	11	5.2	11	5.2	12
3537	Industrial trucks and tractors	3.0	8	3.6	9	3.1	10
354	Metal working machinery	41.6	13	46.7	14	42.2	14
3541	Machine tools, metal cutting types	6.4	10	7.1	10	6.6	10
3544	Special dies, tools, jigs and fixtures	10.4	8	11.9	9	11.1	10
3545	Machine tool accessories	10.9	19	11.8	20	10.8	20
3542,8	Miscellaneous metal working machinery	13.9	18	16.0	19	13.8	18
355	Special industry machinery	24.4	12	26.8	13	23.6	13
3551	Food products machinery	4.8	11	5.1	11	4.8	12
3552	Textile machinery	6.2	16	6.7	17	5.2	17
3555	Printing trades machinery	3.7	13	4.0	13	3.5	13
356	General industrial machinery	48.6	17	52.8	17	48.1	17
3561	Pumps and compressors	11.2	14	12.5	15	11.7	14
3562	Ball and roller bearings	12.7	23	13.5	23	12.2	23
3564	Blowers and fans	6.9	19	7.4	19	6.4	18
3566	Power transmission equipment	7.3	14	8.1	15	7.3	15
357	Office and computing machines	78.1	29	90.1	31	82.4	29
3573	Electronic computing equipment	56.0	29	66.3	31	62.0	29
358	Service industry machines	32.8	19	33.6	19	26.3	18
3585	Refrigeration machinery	20.9	17	21.7	18	16.5	16
359	Miscellaneous machinery, except electrical	37.3	15	40.9	16	37.9	15



**ESTABLISHMENT DATA .  
WOMEN EMPLOYEES**

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

SIC Code	Industry	1973		1974		1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>DURABLE GOODS — CONTINUED</b>							
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	845.1	42	847.1	42	695.3	39
361	Electrical test and distributing equipment	75.7	35	80.3	36	64.8	34
3611	Electric measuring instruments	33.2	44	35.8	46	30.4	44
3612	Transformers	16.7	28	18.1	29	13.0	26
3613	Switchgear and switchboard apparatus	25.8	31	26.5	32	21.4	29
362	Electrical industrial apparatus	79.7	36	83.4	36	67.9	34
3621	Motors and generators	40.1	36	41.4	36	33.4	34
3622	Industrial controls	28.6	43	30.5	43	25.3	40
363	Household appliances	57.0	29	58.0	31	44.0	29
3632	Household refrigerators and freezers	10.1	21	11.2	24	6.6	18
3633	Household laundry equipment	5.2	18	4.8	18	4.1	18
3634	Electric housewares and fans	27.4	50	28.1	51	22.5	50
364	Electric lighting and wiring equipment	100.6	44	95.2	44	77.0	43
3641	Electric lamps	27.9	65	26.1	66	22.5	65
3642	Lighting fixtures	26.0	35	24.4	35	20.5	35
3643,4	Wiring devices	46.6	42	44.8	41	33.9	39
365	Radio and TV receiving equipment	85.0	56	77.6	54	64.7	53
366	Communication equipment	169.3	37	171.1	37	155.3	36
3661	Telephone and telegraph apparatus	79.8	46	78.6	47	65.6	45
3662	Radio and TV communication equipment	89.5	32	92.4	32	89.7	31
367	Electronic components and accessories	232.9	56	235.8	55	180.8	52
3671-3	Electron tubes	23.0	44	22.1	44	17.7	40
3674,9	Other electronic components	209.9	57	213.7	57	163.1	54
369	Miscellaneous electrical equipment and supplies	44.9	33	45.7	33	40.7	31
3694	Engine electrical equipment	25.2	35	24.9	35	22.6	34
37	<b>TRANSPORTATION EQUIPMENT</b>	216.3	11	215.1	12	196.5	12
371	Motor vehicles and equipment	92.6	10	87.4	10	75.5	10
3711	Motor vehicles	31.8	8	28.8	8	25.0	8
3712	Passenger car bodies	3.2	7	2.5	6	2.6	6
3713	Truck and bus bodies	3.8	8	4.3	9	3.5	9
3714	Motor vehicle parts and accessories	52.3	12	50.1	13	43.0	12
3715	Truck trailers	1.5	5	1.7	5	1.3	7
372	Aircraft and parts	77.9	15	83.6	15	80.0	16
3721	Aircraft	44.8	15	47.0	16	44.3	16
3722	Aircraft engines and engine parts	19.0	13	20.5	14	19.7	14
3723,9	Other aircraft parts and equipment	14.1	15	16.1	16	16.0	16
373	Ship and boat building and repairing	15.2	8	16.8	8	16.1	8
3731	Ship building and repairing	8.3	6	10.3	7	10.6	7
3732	Boat building and repairing	6.9	13	6.5	14	5.6	14
374	Railroad equipment	4.0	8	4.7	8	5.8	11
375,9	Other transportation equipment	26.6	16	22.6	17	19.1	17
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	194.2	39	205.9	40	188.3	39
381	Engineering and scientific instruments	17.9	27	18.2	29	17.6	29
382	Mechanical measuring and control devices	46.6	40	47.6	39	39.9	37
3821	Mechanical measuring devices	25.5	35	27.4	35	24.8	33
3822	Automatic temperature controls	21.1	48	20.2	48	15.1	45
383,5	Optical and ophthalmic goods	27.4	44	28.0	44	26.3	44
385	Ophthalmic goods	21.8	52	21.3	51	19.9	51
384	Medical instruments and supplies	48.6	50	54.7	52	51.7	50
386	Photographic equipment and supplies	32.5	26	35.4	27	33.6	27
387	Watches, clocks, and watchcases	21.2	65	22.0	65	19.1	63
39	<b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>	202.5	45	203.8	46	184.6	46
391	Jewelry, silverware, and plated ware	22.7	42	23.0	43	21.5	43
394	Toys and sporting goods	67.7	51	68.5	52	60.9	53
3941-3	Games, toys, dolls, and play vehicles	38.6	55	38.3	56	35.9	57
3949	Sporting and athletic goods, n e c	29.1	48	30.2	48	25.0	48
395	Pens, pencils, office and art supplies	18.1	53	19.1	54	18.8	55
396	Costume jewelry and notions	31.2	52	30.0	52	28.0	54
393,9	Other manufacturing industries	62.9	37	63.2	37	55.5	36
393	Musical instruments and parts	12.3	48	13.0	47	10.2	44
<b>NONDURABLE GOODS</b>							
20	<b>FOOD AND KINDRED PRODUCTS</b>	454.6	26	460.0	27	451.5	27
201	Meat products	100.0	30	102.5	30	100.5	30
2011	Meat packing plants	23.4	14	25.0	15	24.3	15
2013	Sausages and other prepared meats	18.5	29	18.6	28	18.5	28
2015	Poultry dressing plants	58.1	55	58.9	55	57.7	54
202 *	Dairy products	37.0	17	36.6	18	36.4	19
2024	Ice cream and frozen desserts	5.4	24	5.7	25	5.5	24

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

SIC Code	Industry	1973		1974		1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>NONDURABLE GOODS — CONTINUED</b>							
<b>FOOD AND KINDRED PRODUCTS — Continued</b>							
2026	Fluid milk	20.5	14	19.7	15	19.4	15
203	Canned, cured, and frozen foods	122.8	42	127.5	43	126.0	43
2031,6	Canned, cured, and frozen sea foods	27.3	58	28.7	59	24.8	56
2032,3	Canned food, except sea foods	45.4	34	48.2	35	51.2	37
2037	Frozen fruits and vegetables	35.4	49	33.8	49	32.7	49
204	Grain mill products	21.1	15	22.1	16	22.4	16
2041	Flour and other grain mill products	3.6	14	3.7	14	3.6	14
2042	Prepared feeds for animals and fowls	10.5	15	10.8	15	10.9	15
205	Bakery products	63.3	25	61.1	25	59.5	25
2051	Bread, cake, and related products	43.4	21	42.2	21	40.6	21
2052	Cookies and crackers	19.9	46	18.9	46	18.9	47
206	Sugar	3.2	9	3.2	9	3.6	10
207	Confectionery and related products	38.9	49	37.1	48	33.2	46
2071	Confectionery products	31.2	52	29.4	51	25.8	48
208	Beverages	30.9	13	31.8	14	32.1	14
2082	Malt liquors	3.7	7	4.0	8	4.2	8
2086	Bottled and canned soft drinks	13.2	10	13.6	11	13.6	11
209	Miscellaneous foods and kindred products	37.3	25	38.3	26	37.8	26
21	<b>TOBACCO MANUFACTURES</b>	33.5	42	33.0	42	31.7	40
211	Cigarettes	15.6	34	15.5	34	14.5	32
212	Cigars	10.1	70	9.6	70	8.2	69
22	<b>TEXTILE MILL PRODUCTS</b>	476.3	46	461.2	47	416.6	46
221	Weaving mills, cotton	79.1	42	75.8	42	68.5	42
222	Weaving mills, synthetics	46.4	39	49.3	40	44.6	39
223	Weaving and finishing mills, wool	9.7	37	9.1	38	7.6	37
224	Narrow fabric mills	18.0	59	15.9	58	12.9	57
225	Knitting mills	175.7	64	167.1	64	154.5	63
2251	Women's hosiery, except socks	34.9	77	29.5	75	28.5	75
2252	Hosiery, n e c	24.9	72	23.9	73	23.1	73
2253	Knit outerwear mills	58.9	72	58.1	72	51.3	72
2254	Knit underwear mills	25.5	71	26.2	72	25.1	70
226	Textile finishing, except wool	24.9	28	23.5	29	22.0	28
227	Floor covering mills	24.3	36	24.1	37	20.9	36
228	Yarn and thread mills	76.3	49	74.4	49	67.1	48
229	Miscellaneous textile goods	21.9	29	21.9	30	18.5	29
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	1,133.9	81	1,089.8	81	996.1	81
231	Men's and boys' suits and coats	83.7	74	77.8	76	66.1	76
232	Men's and boys' furnishings	333.9	84	325.9	84	296.9	84
2321	Men's and boys' shirts and nightwear	106.9	87	108.3	88	97.2	87
2327	Men's and boys' separate trousers	75.4	81	73.0	82	66.5	83
2328	Men's and boys' work clothing	81.8	83	76.8	82	70.8	83
233	Women's and misses' outerwear	372.0	86	357.2	86	329.6	86
2331	Women's and misses' blouses and waists	42.9	88	43.9	89	43.0	89
2335	Women's and misses' dresses	178.5	87	164.5	87	148.5	88
2337	Women's and misses' suits and coats	54.8	80	50.7	80	45.6	79
2339	Women's and misses' outerwear, n e c	95.8	85	98.1	85	92.5	85
234	Women's and children's undergarments	96.8	87	91.4	87	82.9	86
2341	Women's and children's underwear	72.2	88	68.8	88	63.7	88
2342	Corsets and allied garments	24.6	84	22.6	84	19.2	82
235	Hats, caps, and millinery	10.7	71	11.4	73	11.4	74
236	Children's outerwear	65.7	86	63.0	86	60.6	85
2361	Children's dresses and blouses	29.7	88	27.3	89	25.5	90
237,8	Fur goods and miscellaneous apparel	53.8	75	52.1	75	46.3	74
239	Miscellaneous fabricated textile products	117.2	63	111.0	63	102.3	62
2391,2	Housefurnishings	55.1	70	51.6	70	48.5	70
26	<b>PAPER AND ALLIED PRODUCTS</b>	145.6	21	145.9	21	131.5	20
261,2,6	Paper and pulp mills	21.6	10	21.9	11	21.1	11
263	Paperboard mills	5.0	7	5.3	7	4.9	7
264	Miscellaneous converted paper products	68.5	34	69.3	33	62.0	33
2643	Bags, except textile bags	14.4	33	15.0	33	13.7	33
265	Paperboard containers and boxes	50.5	23	49.3	23	43.5	22
2651,2	Folding and setup paperboard boxes	20.6	32	19.9	32	16.8	31
2653	Corrugated and solid fiber boxes	15.0	14	15.0	14	13.2	14
2654	Sanitary food containers	9.5	32	8.9	30	8.5	30

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

SIC Code	Industry	1973		1974		1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
<b>NONDURABLE GOODS — CONTINUED</b>							
27	<b>PRINTING AND PUBLISHING</b>	372.3	34	382.7	34	375.7	35
271	Newspapers	111.6	29	117.7	31	120.2	32
272	Periodicals	32.9	49	33.9	50	35.1	51
273	Books	46.3	50	48.0	51	46.6	51
275	Commercial printing	101.5	28	104.7	28	102.3	29
2751	Commercial printing, ex. lithographic	58.5	28	60.0	29	58.4	29
2752	Commercial printing, lithographic	39.8	27	41.7	28	40.9	28
278	Blankbooks and bookbinding	28.8	51	28.2	51	24.6	50
274,6,7,9	Other publishing and printing ind.	51.3	37	50.2	36	47.0	36
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	217.2	21	223.7	21	214.5	21
281	Industrial chemicals	34.7	11	38.0	12	39.8	12
2812	Alkalies and chlorines	1.7	8	1.7	8	1.8	8
2818	Industrial organic chemicals, n e c	16.3	13	18.2	14	19.1	14
2819	Industrial inorganic chemicals, n e c	10.4	11	11.6	11	12.7	12
282	Plastics materials and synthetics	41.6	19	42.6	19	36.5	18
2821	Plastics materials and resins	8.8	9	9.2	10	8.3	10
2823,4	Synthetic fibers	31.8	27	32.5	27	27.3	26
283	Drugs	61.1	39	63.7	39	63.4	39
2834	Pharmaceutical preparations	50.4	40	52.4	40	52.4	40
284	Soap, cleaners, and toilet goods	45.9	37	45.4	37	43.0	36
2841	Soap and other detergents	8.8	22	8.4	21	8.0	21
2844	Toilet preparations	27.2	53	27.5	54	26.1	54
285	Paints and allied products	11.2	16	11.1	16	10.7	16
287	Agricultural chemicals	5.7	11	6.0	11	6.4	12
2871,2	Fertilizers, complete and mixing only	2.6	8	2.6	8	2.7	8
286,9	Other chemical products	17.0	18	16.8	18	14.8	18
2892	Explosives	4.5	18	4.1	18	3.3	18
29	<b>PETROLEUM AND COAL PRODUCTS</b>	18.2	9	19.0	10	19.4	10
291	Petroleum refining	13.4	9	13.8	9	14.2	9
295,9	Other petroleum and coal products	4.8	11	5.2	12	5.1	12
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	229.8	34	229.7	34	193.1	33
301	Tires and inner tubes	11.7	9	12.1	9	10.5	9
302,3,6	Other rubber products	66.2	36	66.6	36	56.6	36
302	Rubber footwear	16.2	59	16.3	60	14.1	59
307	Miscellaneous plastics products	151.9	42	150.9	42	126.1	40
31	<b>LEATHER AND LEATHER PRODUCTS</b>	174.5	60	168.5	61	154.6	60
311	Leather tanning and finishing	3.5	15	3.4	16	3.3	15
314	Footwear, except rubber	123.7	65	117.6	66	107.6	66
312,3,5-7,9	Other leather products	47.4	60	47.5	61	43.8	62
316	Luggage	10.0	54	9.8	54	8.4	54
317	Handbags and personal leather goods	23.6	71	24.3	71	23.5	71
-	<b>TRANSPORTATION AND PUBLIC UTILITIES</b>	975	21	1,000	21	982	22
41	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT</b>	38.4	14	42.2	15	46.2	17
411	Local and suburban transportation	5.9	8	6.5	10	6.9	10
412	Taxicabs	5.0	5	5.3	6	5.2	6
413	Intercity highway transportation	3.8	9	4.2	10	4.4	11
42	<b>TRUCKING AND WAREHOUSING</b>	108.2	9	114.9	10	110.3	10
421,3	Trucking and trucking terminals	94.9	9	100.5	9	95.9	10
422	Public warehousing	13.3	15	14.4	16	14.4	16
45	<b>TRANSPORTATION BY AIR</b>	98.5	27	101.6	28	98.5	27
451,2	Air transportation	94.1	29	96.1	29	93.0	29
46	<b>PIPE LINE TRANSPORTATION</b>	1.2	7	1.3	8	1.3	8
44	<b>WATER TRANSPORTATION</b>	15.3	8	15.5	8	17.1	9
47	<b>TRANSPORTATION SERVICES</b>	29.2	24	32.3	24	33.8	24
48	<b>COMMUNICATION</b>	547.1	47	551.6	46	534.1	46
481	Telephone communication	496.6	51	498.5	50	476.4	50
483	Radio and television broadcasting	36.9	25	40.2	27	44.4	29
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	111.1	15	115.7	16	116.9	16
491	Electric companies and systems	46.9	15	49.6	15	49.3	16
492	Gas companies and systems	27.3	17	27.8	17	29.0	18

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

SIC Code	Industry	1973		1974		1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<b>NONDURABLE GOODS -- CONTINUED</b>						
	<b>ELECTRIC, GAS, AND SANITARY SERVICES -- Cont'd</b>						
493	Combination companies and systems . . . . .	28.7	15	29.7	15	29.7	15
494-7	Water, steam, and sanitary systems . . . . .	8.3	14	8.5	14	8.8	14
	<b>WHOLESALE AND RETAIL TRADE</b> . . . . .	6,712	40	7,003	41	7,027	41
	<b>WHOLESALE TRADE</b> . . . . .	956	23	1,004	24	1,002	24
501	Motor vehicles and automotive equipment . . . . .	73.7	20	77.1	20	77.1	21
502	Drugs, chemicals, and allied products . . . . .	83.7	35	86.8	36	84.3	35
503	Dry goods and apparel . . . . .	78.0	48	77.9	48	75.7	49
504	Groceries and related products . . . . .	125.3	22	125.8	22	129.5	22
506	Electrical goods . . . . .	85.2	25	89.7	26	84.1	26
507	Hardware, plumbing and heating equipment . . . . .	46.3	25	49.4	26	47.6	26
508	Machinery, equipment, and supplies . . . . .	154.7	19	172.7	20	176.3	20
509	Miscellaneous wholesalers . . . . .	288.8	22	302.7	23	303.8	23
	<b>RETAIL TRADE</b> . . . . .	5,756	46	5,999	47	6,025	47
52-59	<b>Retail general merchandise</b> . . . . .	1,724.3	68	1,742.4	68	1,680.1	68
531	Department stores . . . . .	1,169.0	69	1,184.7	69	1,147.6	69
532	Mail order houses . . . . .	85.2	61	88.2	61	80.2	63
533	Variety stores . . . . .	241.2	74	239.3	74	222.6	72
54	<b>Food stores</b> . . . . .	697.6	37	745.0	38	758.9	39
541-3	Grocery, meat, and vegetable stores . . . . .	586.9	35	632.7	36	648.6	37
56	<b>Apparel and accessory stores</b> . . . . .	518.8	66	529.8	66	523.4	67
561	Men's and boys' clothing and furnishings . . . . .	57.9	41	59.6	42	59.0	43
562	Women's ready-to-wear stores . . . . .	264.0	89	266.9	89	260.3	89
565	Family clothing stores . . . . .	81.4	69	83.2	68	85.7	70
566	Shoe stores . . . . .	60.3	38	63.2	39	61.8	38
57	<b>Furniture and home furnishings stores</b> . . . . .	158.1	30	162.0	30	156.4	31
571	Furniture and home furnishings . . . . .	104.2	31	106.5	32	103.0	33
58	<b>Eating and drinking places</b> . . . . .	1,681.6	55	1,797.4	56	1,863.4	57
52,55,59	<b>Other retail trade</b> . . . . .	975.2	26	1,022.1	27	1,042.9	28
52	Building materials and farm equipment . . . . .	106.7	17	113.8	18	113.4	19
55	Automotive dealers and service stations . . . . .	241.0	13	242.6	14	246.5	15
551-2	Motor vehicle dealers . . . . .	101.0	12	98.4	12	94.4	12
553,9	Other automotive and accessory dealers . . . . .	46.1	15	49.8	16	50.3	16
59	Miscellaneous retail stores . . . . .	627.5	46	665.7	46	683.0	47
591	Drug stores and proprietary stores . . . . .	281.4	61	287.2	62	288.2	61
594	Book and stationery stores . . . . .	35.0	47	37.4	48	37.7	48
596	Farm and garden supply stores . . . . .	23.9	20	28.4	22	30.2	23
598	Fuel and ice dealers . . . . .	18.6	18	18.3	18	18.6	19
	<b>FINANCE, INSURANCE, AND REAL ESTATE</b> . . . . .	2,141	52	2,246	53	2,293	54
60	Banking . . . . .	773.0	65	826.7	66	852.5	67
61	Credit agencies other than banks . . . . .	240.2	58	253.1	59	260.9	60
612	Savings and loan associations . . . . .	94.8	68	104.3	69	114.8	69
614	Personal credit institutions . . . . .	98.8	50	100.9	50	98.4	51
62	Security, commodity brokers and services . . . . .	66.3	34	60.0	34	59.7	35
63	Insurance carriers . . . . .	566.7	52	591.3	54	597.2	54
631	Life insurance . . . . .	237.1	45	242.0	46	240.6	46
632	Accident and health insurance . . . . .	72.7	71	79.1	71	84.7	71
633	Fire, marine, and casualty insurance . . . . .	222.4	57	235.2	58	236.9	58
64	Insurance agents, brokers, and service . . . . .	169.5	56	180.4	57	188.2	57
65	Real estate . . . . .	270.9	33	276.6	34	275.7	35
655	Subdividers and developers . . . . .	28.4	21	29.0	22	27.9	24
656	Operative builders . . . . .	11.6	15	12.2	18	11.3	20
66,67	Other finance, insurance, and real estate . . . . .	53.8	51	57.5	51	58.6	51
	<b>SERVICES</b> . . . . .	7,020	54	7,410	54	7,731	55
	<b>Hotels and other lodging places:</b>						
701	Hotels, tourist courts, and motels . . . . .	402.7	53	421.3	53	431.5	54
72	Personal services . . . . .	554.1	62	539.7	63	525.6	63
721	Laundries and dry cleaning plants . . . . .	260.5	64	240.5	64	224.7	63
722	Photographic studios . . . . .	28.5	64	29.6	66	30.7	69
73	Miscellaneous business services . . . . .	660.2	35	707.4	35	715.4	36
731	Advertising . . . . .	52.6	44	53.5	44	53.3	44
732	Credit reporting and collection . . . . .	57.1	71	55.9	70	54.3	69
734	Services to buildings . . . . .	130.7	36	146.5	38	152.7	39
76	Miscellaneous repair services . . . . .	32.9	15	35.3	16	35.6	16
78	Motion pictures . . . . .	79.0	38	77.3	37	75.6	37
781	Motion picture filming and distributing . . . . .	22.7	36	23.8	37	23.4	37
782,3	Motion picture theaters and services . . . . .	56.3	39	53.5	38	52.2	38

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES**

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

SIC Code	Industry	1973		1974		1975	
		Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment	Number (in thousands)	Percent of total employment
	<b>SERVICES -- Continued</b>						
80	Medical and other health services . . . . .	2,938.2	81	3,160.9	80	3,365.1	80
806	Hospitals . . . . .	1,648.6	80	1,739.1	80	1,826.6	80
81	Legal services . . . . .	184.5	63	201.5	63	216.8	64
82	Educational services . . . . .	561.5	48	565.5	48	599.4	49
821	Elementary and secondary schools . . . . .	232.3	61	233.0	60	243.3	61
822	Colleges and universities . . . . .	265.3	41	264.0	41	280.5	42
89	Miscellaneous services . . . . .	200.1	26	223.6	26	235.2	27
891	Engineering and architectural services . . . . .	54.2	15	62.0	16	64.8	16
892	Nonprofit research agencies . . . . .	37.8	32	41.8	33	48.2	34
	<b>GOVERNMENT . . . . .</b>	<b>6,012</b>	<b>44</b>	<b>6,270</b>	<b>44</b>	<b>6,575</b>	<b>45</b>
91	<b>FEDERAL GOVERNMENT . . . . .</b>	<b>780</b>	<b>29</b>	<b>798</b>	<b>29</b>	<b>805</b>	<b>29</b>
92.93	<b>STATE AND LOCAL GOVERNMENT . . . . .</b>	<b>5,232</b>	<b>47</b>	<b>5,472</b>	<b>48</b>	<b>5,770</b>	<b>48</b>
92	State government . . . . .	1,254.8	43	1,323.8	43	1,411.0	44
	State education . . . . .	519.9	43	548.2	43	586.8	44
	Other State government . . . . .	734.9	43	775.6	44	824.2	44
93	Local government . . . . .	3,977.2	49	4,147.9	49	4,358.8	49
	Local education . . . . .	2,804.2	62	2,912.3	62	3,027.4	62
	Other local government . . . . .	1,173.0	33	1,235.7	33	1,331.4	34

ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENTB-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....	441.1	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	51.1	40.8	89.8	43.2	-	-	44.5	32.3	26.3	-	-
1929....	47.6	57.1	177.3	46.7	55.0	42.4	91.9	45.0	-	-	46.8	34.1	26.9	19.6	29.2
1930....	44.7	51.3	164.6	42.8	49.2	41.0	86.5	42.6	-	-	45.7	33.4	27.6	19.3	30.2
1931....	40.5	44.1	142.4	37.8	42.0	38.5	76.4	38.8	-	-	43.6	31.5	28.6	20.6	31.2
1932....	35.9	37.1	119.2	30.2	35.6	35.2	66.1	34.4	-	-	41.6	29.0	28.3	20.6	30.7
1933....	36.0	38.5	121.4	25.2	38.0	34.7	62.7	34.9	-	-	40.2	28.4	27.8	20.8	30.0
1934....	39.4	44.0	144.0	26.9	43.7	36.9	64.5	38.8	-	-	40.9	30.3	28.9	24.0	30.5
1935....	41.1	46.8	146.3	28.4	46.6	38.0	65.4	39.9	-	-	41.4	31.1	30.5	27.7	31.4
1936....	44.2	51.2	154.3	35.7	50.5	40.3	69.8	42.7	-	-	43.0	32.9	32.2	30.4	32.7
1937....	47.1	55.5	165.6	34.7	55.5	42.5	73.6	46.0	-	-	44.4	34.8	33.0	30.6	33.7
1938....	44.4	48.9	145.4	32.9	48.5	41.8	67.2	45.4	-	-	44.2	34.4	34.1	30.5	35.2
1939....	46.5	52.8	139.3	35.8	52.9	43.1	68.9	47.2	47.8	47.0	45.3	34.8	35.1	33.3	35.6
1940....	49.2	56.7	150.9	40.3	56.5	45.0	71.3	49.6	49.8	49.6	46.6	36.4	36.9	36.6	36.9
1941....	55.5	68.5	156.1	55.8	67.8	48.4	76.8	53.0	53.1	53.0	48.0	38.8	40.9	49.3	38.3
1942....	60.9	79.3	161.8	67.6	78.6	50.9	81.2	52.3	51.7	52.5	47.7	40.4	48.1	81.4	37.7
1943....	64.5	86.4	150.9	48.8	90.5	52.5	85.6	51.3	49.4	52.0	46.6	41.1	53.3	106.8	36.6
1944....	63.6	83.0	145.5	34.1	89.1	53.0	89.9	51.9	50.0	52.5	45.8	41.2	53.0	107.7	35.9
1945....	61.3	75.2	136.4	35.3	79.8	53.8	91.7	53.8	52.8	54.1	46.4	42.0	52.1	103.3	36.1
1946....	63.3	74.0	140.6	51.8	75.6	57.4	95.3	61.6	62.1	61.4	52.6	46.7	49.1	82.9	38.5
1947....	66.6	79.4	155.8	61.8	79.9	59.6	97.8	65.8	67.0	65.4	54.4	50.0	48.0	69.6	41.3
1948....	68.2	80.6	162.2	67.6	80.1	61.4	98.3	68.1	70.6	67.3	56.7	51.5	49.6	68.5	43.6
1949....	66.5	75.4	151.7	67.5	74.3	61.6	93.9	68.1	70.6	67.2	57.6	52.1	51.4	70.2	45.5
1950....	68.7	79.4	147.0	72.7	78.4	62.8	94.7	69.0	71.4	68.1	59.5	53.3	52.9	70.9	47.2
1951....	72.7	85.6	151.5	81.1	84.3	65.6	99.2	71.6	73.9	70.8	61.7	55.2	56.1	84.7	47.1
1952....	74.1	86.7	146.5	82.1	85.5	67.3	99.7	73.5	76.2	72.6	64.2	56.7	58.0	89.0	48.3
1953....	76.3	90.4	141.3	81.8	90.2	68.6	100.7	75.3	77.4	74.6	66.5	58.1	58.3	84.8	50.0
1954....	74.4	84.7	129.0	81.4	83.9	68.8	95.8	75.2	77.7	74.4	69.3	59.4	59.2	80.5	52.6
1955....	76.9	88.0	129.2	87.3	86.8	70.9	97.2	77.4	79.3	76.8	72.4	62.1	60.7	80.4	54.5
1956....	79.6	90.5	134.1	93.5	88.7	73.6	99.6	79.8	81.8	79.1	75.3	64.7	63.8	81.2	58.4
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....	116.9	96.9	121.5	107.8	94.3	127.8	105.6	124.6	118.5	126.7	130.9	138.6	129.6	101.1	138.6
Jan.	116.6	97.5	118.1	112.0	94.5	127.1	107.1	124.1	118.8	125.9	130.5	137.3	128.0	100.5	136.7
Feb.	116.1	96.4	118.9	108.1	93.7	126.9	105.7	123.8	118.5	125.7	130.4	137.3	128.3	100.5	136.9
Mar.	116.1	96.0	119.4	107.3	93.4	127.1	105.8	123.8	118.5	125.7	130.5	137.4	128.9	100.4	137.8
Apr.	116.2	96.0	120.4	107.2	93.4	127.2	105.4	123.9	118.4	125.8	130.5	137.5	129.2	100.5	138.2
May	115.9	95.6	120.9	105.7	93.1	127.1	104.9	124.0	117.8	126.2	130.3	137.4	128.9	100.7	137.7
June	116.4	95.5	121.2	105.8	93.0	127.9	104.8	124.8	118.0	127.2	130.3	138.5	130.0	101.0	139.1
July	117.0	96.3	122.2	106.5	93.9	128.2	104.8	125.1	118.0	127.5	130.8	139.1	130.3	101.4	139.4
Aug.	117.4	97.1	122.7	107.0	94.7	128.5	104.8	125.3	118.6	127.6	131.4	139.7	130.2	101.7	139.2
Sept.	117.8	97.4	126.3	106.0	95.1	128.9	105.0	125.3	118.6	127.6	131.7	140.2	131.3	101.8	140.5
Oct.	117.8	97.4	125.0	106.3	95.0	128.9	105.5	125.0	118.4	127.3	131.7	140.5	131.4	101.5	140.7
Nov.	118.1	97.7	125.4	106.2	95.5	129.3	105.1	125.5	118.9	127.9	132.2	140.9	131.6	101.3	141.1
Dec.	118.1	97.7	125.4	106.2	95.5	129.3	105.1	125.5	118.9	127.9	132.2	140.9	131.6	101.3	141.1
1976:															
Jan <sup>p</sup>	118.6	98.5	124.0	107.0	96.3	129.7	105.4	126.5	119.5	129.0	132.4	141.4	131.3	101.0	140.8
Feb	119.0	98.4	124.3	105.2	96.5	130.2	106.0	127.2	120.2	129.6	132.3	142.1	131.5	101.1	141.1

p = preliminary.

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

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

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

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

[In thousands]

Industry division and group	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. <sup>P</sup>	Feb. <sup>P</sup>
<b>TOTAL</b> .....	76,804	76,468	76,462	76,510	76,343	76,679	77,023	77,310	77,555	77,574	77,796	78,137	78,344
<b>GOODS-PRODUCING</b> .....	22,691	22,422	22,328	22,339	22,233	22,222	22,418	22,601	22,669	22,657	22,743	22,918	22,903
<b>MINING</b> .....	724	729	732	738	741	743	749	752	774	766	769	760	762
<b>CONTRACT CONSTRUCTION</b> .....	3,592	3,467	3,441	3,439	3,392	3,395	3,415	3,432	3,402	3,409	3,406	3,434	3,375
<b>MANUFACTURING</b> .....	18,375	18,226	18,155	18,162	18,100	18,084	18,254	18,417	18,493	18,482	18,568	18,724	18,766
<b>DURABLE GOODS</b> .....	10,813	10,728	10,637	10,595	10,527	10,465	10,563	10,650	10,661	10,653	10,717	10,823	10,841
Ordnance and accessories .....	177	177	176	177	173	172	167	165	164	161	163	162	161
Lumber and wood products .....	537	539	536	546	552	557	563	568	576	576	581	593	605
Furniture and fixtures .....	441	434	436	439	437	441	452	464	467	470	473	476	484
Stone, clay, and glass products .....	620	610	608	609	605	604	610	615	615	616	616	616	612
Primary metal industries .....	1,248	1,218	1,189	1,168	1,149	1,134	1,148	1,169	1,149	1,146	1,158	1,162	1,162
Fabricated metal products .....	1,357	1,336	1,332	1,324	1,317	1,298	1,331	1,340	1,344	1,339	1,344	1,359	1,374
Machinery, except electrical .....	2,153	2,128	2,098	2,064	2,035	2,017	2,013	2,035	2,039	2,032	2,030	2,039	2,036
Electrical equipment and supplies .....	1,785	1,773	1,746	1,735	1,723	1,712	1,747	1,755	1,767	1,764	1,773	1,788	1,796
Transportation equipment .....	1,594	1,624	1,631	1,653	1,657	1,645	1,645	1,643	1,641	1,648	1,676	1,711	1,696
Instruments and related products .....	497	490	488	481	481	482	481	486	490	492	494	499	500
Miscellaneous manufacturing .....	404	399	397	399	398	403	406	410	409	409	409	418	415
<b>NONDURABLE GOODS</b> .....	7,562	7,498	7,518	7,567	7,573	7,619	7,691	7,767	7,832	7,829	7,851	7,901	7,925
Food and kindred products .....	1,662	1,659	1,664	1,670	1,671	1,668	1,688	1,693	1,695	1,688	1,688	1,697	1,717
Tobacco manufactures .....	79	77	75	75	75	79	78	80	79	81	79	80	78
Textile mill products .....	849	845	865	885	891	897	918	938	953	950	955	958	961
Apparel and other textile products .....	1,188	1,180	1,191	1,205	1,215	1,245	1,245	1,261	1,287	1,290	1,299	1,314	1,308
Paper and allied products .....	647	636	629	631	627	633	639	648	652	652	658	664	669
Printing and publishing .....	1,094	1,089	1,084	1,079	1,073	1,068	1,072	1,075	1,071	1,072	1,074	1,072	1,067
Chemicals and allied products .....	1,024	1,009	1,003	1,004	1,000	999	1,008	1,011	1,019	1,020	1,018	1,025	1,031
Petroleum and coal products .....	191	194	193	195	197	199	199	200	201	202	201	203	203
Rubber and plastics products, nec .....	579	564	568	574	572	575	588	599	608	604	608	613	616
Leather and leather products .....	249	245	246	249	252	256	256	262	267	270	271	275	275
<b>SERVICE-PRODUCING</b> .....	54,113	54,046	54,134	54,171	54,110	54,457	54,605	54,709	54,886	54,917	55,052	55,219	55,441
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	4,565	4,506	4,508	4,491	4,469	4,464	4,466	4,467	4,476	4,496	4,477	4,490	4,518
<b>WHOLESALE AND RETAIL TRADE</b> ..	16,879	16,851	16,847	16,857	16,877	16,984	17,016	17,045	17,043	17,010	17,080	17,211	17,308
<b>WHOLESALE TRADE</b> .....	4,189	4,178	4,176	4,175	4,153	4,161	4,159	4,181	4,180	4,174	4,190	4,211	4,238
<b>RETAIL TRADE</b> .....	12,690	12,673	12,671	12,682	12,724	12,823	12,857	12,864	12,863	12,836	12,890	13,000	13,070
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4,210	4,207	4,209	4,208	4,202	4,203	4,218	4,239	4,246	4,248	4,264	4,269	4,268
<b>SERVICES</b> .....	13,865	13,864	13,878	13,889	13,871	13,990	14,050	14,113	14,157	14,188	14,229	14,284	14,354
Hotels and other lodging places .....	977	974	969	970	962	976	986	982	993	997	990	1,002	-
Personal services .....	837	834	834	836	831	835	833	833	831	832	835	832	-
Medical and other health services .....	4,116	4,131	4,150	4,164	4,175	4,197	4,213	4,241	4,258	4,273	4,304	4,313	-
Educational services .....	1,207	1,210	1,211	1,211	1,204	1,215	1,212	1,225	1,233	1,236	1,241	1,228	-
<b>GOVERNMENT</b> .....	14,594	14,618	14,692	14,726	14,691	14,816	14,855	14,845	14,964	14,975	15,003	14,965	14,993
<b>FEDERAL</b> .....	2,733	2,733	2,731	2,732	2,738	2,745	2,756	2,765	2,767	2,761	2,755	2,746	2,750
<b>STATE AND LOCAL</b> .....	11,861	11,885	11,961	11,994	11,953	12,071	12,099	12,080	12,197	12,214	12,248	12,219	12,243

p = preliminary.

**B-6. Production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls,  
by industry division and major manufacturing group, seasonally adjusted**

(In thousands)

Industry division and group	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. <sup>P</sup>	Feb. <sup>P</sup>
<b>TOTAL</b> .....	51,005	50,663	50,585	50,629	50,536	50,736	51,052	51,315	51,435	51,420	51,592	51,922	52,070
<b>GOODS-PRODUCING</b> .....	16,487	16,230	16,161	16,194	16,122	16,115	16,312	16,467	16,532	16,512	16,600	16,751	16,750
<b>MINING</b> .....	550	553	553	560	561	564	567	569	585	581	587	579	577
<b>CONTRACT CONSTRUCTION</b> .....	2,886	2,762	2,745	2,747	2,712	2,711	2,734	2,741	2,712	2,709	2,702	2,721	2,662
<b>MANUFACTURING</b> .....	13,051	12,915	12,863	12,887	12,849	12,840	13,011	13,157	13,235	13,222	13,311	13,451	13,511
<b>DURABLE GOODS</b> .....	7,634	7,561	7,483	7,454	7,404	7,348	7,450	7,527	7,548	7,539	7,603	7,704	7,731
Ordnance and accessories .....	85	84	84	84	82	81	77	75	75	71	73	73	73
Lumber and wood products .....	445	448	444	454	459	463	469	475	483	481	485	497	507
Furniture and fixtures .....	354	347	349	354	351	355	366	379	381	384	387	390	397
Stone, clay, and glass products .....	487	479	478	479	477	477	483	488	488	489	489	490	487
Primary metal industries .....	979	950	923	905	889	878	892	911	894	892	903	906	905
Fabricated metal products .....	1,001	993	992	985	979	960	993	1,000	1,004	1,000	1,006	1,019	1,035
Machinery, except electrical .....	1,422	1,400	1,372	1,339	1,317	1,300	1,300	1,314	1,319	1,310	1,308	1,317	1,315
Electrical equipment and supplies .....	1,156	1,143	1,123	1,113	1,106	1,097	1,131	1,139	1,151	1,147	1,160	1,175	1,184
Transportation equipment .....	1,087	1,122	1,126	1,151	1,155	1,143	1,142	1,140	1,144	1,155	1,182	1,214	1,205
Instruments and related products .....	300	292	291	287	286	287	286	291	295	296	298	302	303
Miscellaneous manufacturing .....	308	303	301	303	303	307	311	315	314	314	312	321	320
<b>NONDURABLE GOODS</b> .....	5,417	5,354	5,380	5,433	5,445	5,492	5,561	5,630	5,687	5,683	5,708	5,747	5,780
Food and kindred products .....	1,123	1,119	1,125	1,131	1,133	1,131	1,147	1,150	1,154	1,143	1,144	1,154	1,175
Tobacco manufactures .....	66	64	62	62	62	65	65	66	65	67	66	66	65
Textile mill products .....	730	727	745	766	771	777	800	819	832	831	836	836	840
Apparel and other textile products .....	1,019	1,008	1,020	1,033	1,043	1,071	1,071	1,086	1,107	1,112	1,121	1,134	1,133
Paper and allied products .....	485	474	471	472	469	474	479	487	490	492	497	501	505
Printing and publishing .....	649	644	639	636	631	629	632	632	630	629	631	631	626
Chemicals and allied products .....	576	563	558	562	560	560	566	573	579	580	579	582	586
Petroleum and coal products .....	117	122	121	123	125	127	128	128	129	130	130	131	132
Rubber and plastics products, nec .....	441	426	430	436	436	439	453	463	471	466	470	475	479
Leather and leather products .....	211	207	209	212	215	219	220	226	230	233	234	237	239
<b>SERVICE-PRODUCING</b> .....	34,518	34,433	34,424	34,435	34,414	34,621	34,740	34,848	34,903	34,908	34,992	35,171	35,320
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	3,922	3,869	3,865	3,849	3,831	3,827	3,825	3,828	3,835	3,854	3,832	3,851	3,880
<b>WHOLESALE AND RETAIL TRADE</b> .....	14,896	14,863	14,858	14,862	14,896	14,992	15,032	15,076	15,077	15,031	15,087	15,205	15,281
<b>WHOLESALE TRADE</b> .....	3,480	3,464	3,461	3,458	3,440	3,448	3,445	3,463	3,459	3,452	3,467	3,492	3,514
<b>RETAIL TRADE</b> .....	11,416	11,399	11,397	11,404	11,456	11,544	11,587	11,613	11,618	11,579	11,620	11,713	11,767
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	3,217	3,210	3,206	3,209	3,208	3,203	3,218	3,234	3,232	3,240	3,251	3,260	3,259
<b>SERVICES</b> .....	12,483	12,491	12,495	12,515	12,479	12,599	12,665	12,710	12,759	12,783	12,822	12,855	12,900

<sup>1</sup> 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 employment<sup>1</sup> increased, 1973 to date**

Year and month	Over 1-month span	Over 3-month span	Over 6-month span	Over 12-month span
<b>1973</b>				
January .....	76.7	84.0	81.7	81.1
February .....	75.0	83.7	79.4	80.8
March .....	73.8	76.2	79.4	82.6
April .....	62.5	71.5	74.7	81.4
May .....	59.9	70.3	72.1	79.7
June .....	68.0	63.1	66.6	78.5
July .....	55.8	66.9	72.1	75.6
August .....	63.1	64.8	72.7	73.5
September .....	61.6	74.7	73.0	69.2
October .....	72.7	75.9	75.6	66.0
November .....	75.0	76.5	70.3	66.6
December .....	66.6	70.1	66.0	64.2
<b>1974</b>				
January .....	59.3	62.8	60.8	63.4
February .....	52.6	53.8	55.2	59.6
March .....	46.5	48.0	49.7	55.2
April .....	47.1	48.3	48.5	50.3
May .....	55.2	51.7	49.7	40.1
June .....	53.2	52.6	45.6	28.2
July .....	52.3	45.1	37.2	27.0
August .....	45.9	39.2	31.1	22.4
September .....	36.0	40.4	23.3	20.9
October .....	37.8	28.8	17.7	18.6
November .....	20.1	21.5	17.2	16.6
December .....	18.6	13.4	13.1	14.0
<b>1975</b>				
January .....	18.6	12.5	13.4	16.6
February .....	16.6	13.7	13.1	17.4
March .....	25.0	19.2	16.3	17.4
April .....	40.4	35.8	27.9	20.9
May .....	53.8	40.4	40.1	25.9
June .....	40.4	48.5	60.8	40.4
July .....	55.2	55.8	67.4	50.6p
August .....	73.5	80.2	67.4	61.3p
September .....	81.7	81.4	76.5	
October .....	64.8	70.3	80.2p	
November .....	54.7	68.9	78.8p	
December .....	66.6	69.5p		
<b>1976</b>				
January .....	74.4p	78.8p		
February .....	64.2p			
March .....				
April .....				
May .....				
June .....				
July .....				
August .....				
September .....				
October .....				
November .....				
December .....				

<sup>1</sup> 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		
	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P
1 ALABAMA <sup>1</sup>	1,137.4	1,172.0	1,162.5	11.5	12.0	11.9	63.7	68.2	63.6	321.8	327.5	325.9
2 Birmingham <sup>1</sup>	308.2	310.4	305.8	7.4	7.9	8.0	18.0	18.1	16.9	70.3	66.7	65.4
3 Huntsville <sup>1</sup>	57.4	100.3	98.9	(2)	(2)	(2)	3.8	3.9	3.4	22.7	24.1	24.2
4 Mobile <sup>1</sup>	122.8	125.4	124.1	(2)	(2)	(2)	9.7	9.5	9.3	25.5	26.2	26.1
5 Montgomery <sup>1</sup>	84.2	87.2	86.4	(2)	(2)	(2)	5.5	5.5	5.4	12.7	13.2	13.0
6 Tuscaloosa <sup>1</sup>	46.4	46.8	46.2	(2)	(2)	(2)	2.9	2.9	2.8	11.3	10.9	10.6
7 ALASKA	122.2	138.2	132.9	3.0	3.3	3.2	14.8	23.0	21.7	6.3	5.3	5.5
8 ARIZONA	728.1	745.6	736.4	26.4	23.6	23.4	51.1	48.8	48.1	102.7	98.7	98.5
9 Phoenix	436.1	446.2	441.2	.4	.4	.4	30.1	28.7	28.2	74.6	70.7	70.6
10 Tucson	140.1	143.7	141.0	8.4	7.6	7.5	10.5	10.0	10.1	12.2	11.9	11.9
11 ARKANSAS	613.4	630.1	626.7	4.2	4.2	4.1	30.9	27.8	27.7	175.1	178.5	179.5
12 Fayetteville-Springdale	49.3	49.5	49.3	(2)	(2)	(2)	2.4	2.1	2.0	15.3	14.1	14.2
13 Fort Smith	51.3	55.7	55.3	.3	.4	.4	2.4	2.2	2.3	17.0	19.9	20.4
14 Little Rock-North Little Rock	150.3	151.2	150.4	(2)	(2)	(2)	8.6	8.7	8.0	27.2	26.3	26.8
15 Pine Bluff	26.3	25.7	25.5	(2)	(2)	(2)	.9	.9	.8	6.3	5.5	5.5
16 CALIFORNIA	7,725.4	7,919.4	7,790.3	31.5	32.4	32.6	281.0	283.1	272.0	1,587.1	1,576.5	1,560.3
17 Anaheim-Santa Ana-Garden Grove	558.5	589.7	585.3	2.2	2.2	2.2	22.6	21.1	20.9	151.1	154.0	153.5
18 Bakersfield	100.7	104.0	102.7	7.3	7.4	7.5	3.6	3.6	3.7	9.0	8.9	8.8
19 Fresno	140.5	148.1	145.4	.8	.8	.8	6.2	6.3	6.0	17.8	20.2	19.0
20 Los Angeles-Long Beach	3,056.0	3,090.1	3,044.9	11.0	11.1	11.3	95.9	92.7	90.8	789.6	778.5	772.4
21 Modesto	64.6	69.0	67.1	.1	.1	.1	3.0	3.3	3.1	15.1	16.3	15.5
22 Oxnard-Simi Valley-Ventura	110.9	113.5	111.0	1.7	1.7	1.7	4.0	3.7	3.4	16.6	16.0	15.9
23 Riverside-San Bernardino-Ontario	333.0	338.5	335.2	2.6	2.3	2.3	12.6	11.8	11.4	53.2	49.6	49.5
24 Sacramento	302.8	318.1	313.6	.3	.4	.4	11.2	11.8	11.4	20.7	22.0	21.7
25 Salinas-Seaside-Monterey	72.4	75.3	73.1	.6	.6	.6	2.5	2.5	2.4	8.7	9.1	8.5
26 San Diego	464.1	476.2	471.1	.5	.5	.5	19.5	19.5	18.5	75.2	70.1	70.4
27 San Francisco-Oakland	1,317.7	1,323.7	1,314.1	1.5	1.6	1.5	57.2	56.6	54.7	190.4	185.4	183.5
28 San Jose	459.2	477.6	472.8	.1	.1	.1	17.3	17.1	16.5	144.8	152.6	151.0
29 Santa Barbara-Santa Maria-Lompoc	90.4	95.6	94.5	.7	.7	.7	3.0	3.0	3.0	11.8	12.5	12.0
30 Santa Rosa	61.7	65.3	64.4	.2	.2	.2	2.7	2.9	2.8	8.7	9.3	9.3
31 Stockton	96.1	103.4	97.8	.1	.1	.1	3.3	3.6	3.5	17.2	17.7	16.9
32 Vallejo-Fairfield-Napa	77.4	82.3	80.8	.1	.1	.1	2.0	3.3	3.0	8.1	8.2	7.9
33 COLORADO	936.6	962.2	945.6	17.3	19.2	19.0	51.6	53.7	48.1	137.4	136.4	136.0
34 Denver-Boulder	602.8	609.8	597.7	6.9	7.7	7.5	35.2	35.5	32.1	96.3	92.0	91.5
35 CONNECTICUT <sup>1</sup>	1,227.9	1,231.6	1,209.4	(3)	(3)	(3)	41.7	39.4	33.2	411.6	390.9	390.9
36 Bridgeport <sup>4</sup>	148.9	150.1	145.6	(3)	(3)	(3)	4.2	4.1	4.0	61.4	58.4	57.3
37 Hartford <sup>4</sup>	338.1	340.0	334.1	(3)	(3)	(3)	10.9	10.2	9.6	88.8	84.8	84.5
38 New Britain <sup>4</sup>	55.4	56.2	54.8	(3)	(3)	(3)	1.7	2.0	1.7	28.1	26.6	26.7
39 New Haven-West Haven <sup>4</sup>	174.3	174.6	170.0	(3)	(3)	(3)	5.9	6.0	5.6	46.9	44.2	43.9
40 Stamford <sup>1</sup>	86.6	89.7	88.3	(3)	(3)	(3)	2.6	2.7	2.4	28.0	27.9	28.2
41 Waterbury <sup>1</sup>	80.7	81.5	80.1	(3)	(3)	(3)	2.3	2.5	2.1	34.9	33.1	33.4
42 DELAWARE <sup>1</sup>	227.6	227.0	229.7	(2)	(2)	(2)	15.4	15.1	14.8	67.2	67.4	69.1
43 Wilmington <sup>1</sup>	204.0	203.5	205.5	(2)	(2)	(2)	15.1	13.7	13.5	65.0	65.3	67.4
44 DISTRICT OF COLUMBIA <sup>5</sup>	704.3	714.2	708.7	(2)	(2)	(2)	22.1	21.9	20.9	16.5	15.0	15.0
45 Washington SMSA	1,328.3	1,348.8	1,334.5	(2)	(2)	(2)	78.6	79.6	75.2	49.0	45.5	45.2
46 FLORIDA	2,789.1	2,715.6	2,714.9	10.9	10.7	10.6	217.9	167.9	162.2	361.2	352.9	354.9
47 Fort Lauderdale-Hollywood	234.7	225.2	226.1	(2)	(2)	(2)	21.1	15.0	14.2	25.2	25.4	25.3
48 Jacksonville	259.0	261.9	259.2	(2)	(2)	(2)	21.1	19.3	18.8	29.3	30.9	30.9
49 Miami	607.2	594.1	595.2	(2)	(2)	(2)	39.8	35.5	34.7	87.9	85.5	85.6
50 Orlando	222.6	219.6	219.4	(2)	(2)	(2)	16.6	15.2	15.3	26.1	24.5	24.7
51 Pensacola	83.4	84.4	83.4	(2)	(2)	(2)	7.5	7.7	7.6	13.9	13.3	13.3
52 Tampa-St. Petersburg	416.9	411.8	410.9	(2)	(2)	(2)	31.0	26.2	26.6	61.0	59.3	59.2
53 West Palm Beach-Boca Raton	149.6	146.9	147.3	(2)	(2)	(2)	16.1	14.0	13.8	19.4	18.4	18.4
54 GEORGIA <sup>1</sup>	1,748.6	1,758.8	1,737.1	7.0	6.9	6.8	84.6	76.4	72.7	428.9	453.6	453.2
55 Atlanta <sup>1</sup>	737.5	740.8	741.1	(2)	(2)	(2)	35.3	32.7	32.5	116.3	118.9	119.1
56 Augusta <sup>1</sup>	99.4	104.9	104.4	(2)	(2)	(2)	5.4	5.2	4.8	30.9	32.5	32.9
57 Columbus <sup>1</sup>	70.3	76.1	74.7	(2)	(2)	(2)	4.2	4.9	4.7	18.4	20.8	20.9
58 Macon <sup>1</sup>	89.1	91.7	90.8	(2)	(2)	(2)	4.7	4.6	4.6	13.6	13.9	14.1
59 Savannah <sup>1</sup>	71.9	72.7	72.0	(2)	(2)	(2)	4.5	4.6	4.6	14.8	14.9	15.2
60 HAWAII	333.8	339.1	335.3	(2)	(2)	(2)	28.7	25.4	24.8	22.3	23.0	22.9
61 Honolulu	283.0	285.9	282.1	(2)	(2)	(2)	24.7	21.7	21.0	16.3	16.5	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

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	
60.1	59.6	59.2	223.8	235.9	233.8	49.8	50.6	50.6	165.1	171.1	170.8	241.6	247.1	246.7	1
22.2	22.0	22.1	72.2	75.1	73.0	19.4	19.7	19.6	5.6	52.5	52.2	47.1	48.4	48.6	2
2.1	2.0	2.0	17.9	19.3	18.4	2.8	2.8	2.8	16.2	15.9	15.8	31.9	32.3	32.2	3
9.0	9.5	9.1	29.1	30.0	29.6	5.8	6.0	6.0	25.1	23.4	23.4	20.0	20.8	20.6	4
4.5	4.1	4.1	19.9	21.2	20.6	5.0	5.1	5.1	14.9	15.3	15.4	21.9	22.8	22.8	5
1.9	1.0	1.7	7.8	8.1	7.9	1.9	1.4	1.4	5.1	5.3	5.3	16.0	16.4	16.5	6
12.4	13.2	12.8	20.1	24.8	22.1	5.0	5.7	5.6	10.6	19.0	18.7	44.0	43.9	43.1	7
39.5	39.5	39.0	172.4	181.3	178.6	41.7	42.2	42.1	130.8	134.6	134.2	163.7	176.9	172.5	8
44.2	44.4	23.9	112.9	118.4	110.5	31.7	32.5	32.4	82.3	84.0	83.8	79.9	87.4	85.4	9
7.7	7.5	7.4	29.9	31.9	31.3	6.3	5.9	6.0	20.6	27.2	27.1	38.5	41.7	39.7	10
50.6	50.6	35.8	130.1	138.8	134.0	27.5	27.8	28.2	87.0	91.3	92.1	122.0	125.1	125.3	11
2.9	3.0	2.9	10.1	11.3	11.2	2.0	2.2	2.2	5.9	7.2	7.1	9.7	9.6	9.7	12
3.0	2.8	2.7	11.3	12.4	11.7	2.0	2.0	2.0	0.5	8.6	8.5	6.8	7.4	7.3	13
11.0	11.6	11.6	34.3	35.3	34.4	10.9	11.0	11.0	25.0	25.3	25.4	32.7	33.0	33.2	14
5.2	5.2	3.2	5.0	5.1	5.0	1.1	1.1	1.1	4.0	4.1	4.1	5.8	5.8	5.8	15
408.5	451.8	456.8	1,765.1	1,862.1	1,785.8	447.8	457.1	456.1	1,530.1	1,581.9	1,559.0	1,610.5	1,674.5	1,667.7	16
17.5	16.0	17.9	136.3	153.0	149.0	31.9	33.4	33.2	105.8	112.1	110.7	91.3	95.9	97.9	17
0.6	0.5	0.8	24.0	25.3	24.7	4.0	3.9	3.9	17.6	18.2	17.9	28.6	29.8	29.4	18
0.7	9.2	5.0	34.9	37.4	35.9	7.2	7.2	7.2	20.9	28.1	27.9	38.0	38.9	39.6	19
170.0	174.2	174.2	700.0	727.6	700.3	184.6	187.3	186.7	625.4	636.1	624.5	469.5	485.6	484.7	20
3.0	3.3	3.1	14.8	15.9	15.2	2.0	1.9	1.9	15.0	13.7	13.6	13.6	14.5	14.6	21
4.5	4.4	4.4	24.3	26.3	25.2	4.4	4.4	4.4	20.4	20.7	20.1	35.2	36.3	35.9	22
10.7	10.7	10.5	74.9	84.8	82.6	12.2	12.3	12.3	00.1	69.7	69.4	85.7	89.3	89.2	23
10.9	16.9	16.7	67.8	72.7	70.3	13.3	13.8	13.7	40.2	50.6	49.9	124.4	129.9	129.5	24
4.5	4.4	4.3	18.0	19.4	18.3	2.9	2.9	2.9	14.7	15.2	14.9	20.7	21.2	21.2	25
25.0	22.1	22.2	106.5	113.8	110.4	25.2	25.9	26.0	95.4	96.2	96.0	120.8	128.1	127.1	26
125.0	112.7	121.2	289.0	300.1	267.8	112.8	114.2	114.4	262.2	266.6	265.2	281.6	286.5	285.8	27
10.9	10.8	10.7	90.1	96.6	94.1	18.8	18.9	18.9	95.5	97.5	97.8	74.4	76.0	75.7	28
3.0	3.0	3.0	20.6	22.0	21.0	4.2	4.2	4.2	23.9	23.9	23.8	23.2	26.3	26.8	29
5.2	3.4	3.4	14.6	16.1	15.6	4.1	4.2	4.2	12.6	11.9	11.8	16.4	17.3	17.1	30
7.4	7.7	7.5	21.1	22.8	21.7	3.6	3.7	3.7	17.7	18.4	18.1	25.7	26.4	26.3	31
3.0	3.7	3.6	13.8	14.9	14.4	2.2	2.3	2.3	14.0	14.4	14.4	33.6	35.4	35.1	32
59.9	60.4	55.8	226.4	235.7	226.6	55.7	56.1	56.7	181.2	184.0	185.7	207.0	216.1	213.7	33
41.7	40.7	40.3	150.0	156.9	150.1	41.9	41.8	42.3	110.6	119.1	120.3	112.2	116.1	113.7	34
55.6	52.6	51.6	243.0	261.0	250.2	85.9	85.1	84.9	215.2	222.6	220.9	177.0	179.9	177.8	35
0.0	0.0	6.1	29.9	32.2	29.9	6.0	6.0	6.0	25.4	25.3	24.6	17.1	18.2	17.7	36
12.2	12.0	12.0	70.0	75.1	71.3	49.9	49.2	49.1	50.1	57.2	56.3	50.2	51.5	51.4	37
1.5	1.8	1.6	8.8	9.7	8.8	1.5	1.5	1.5	7.3	7.7	7.4	6.5	6.9	6.8	38
14.5	14.4	14.4	35.1	36.4	34.9	8.2	8.6	8.8	40.4	41.3	38.8	23.4	23.7	23.5	39
5.1	5.0	5.0	18.5	20.7	19.8	6.0	6.1	6.1	15.4	20.3	19.8	9.0	9.0	9.1	40
5.1	3.0	3.0	13.7	14.8	13.9	2.7	2.9	2.7	15.5	14.5	14.3	10.5	10.9	10.9	41
11.7	11.5	11.5	47.1	46.8	46.3	11.4	11.3	11.3	37.3	36.8	37.9	37.5	38.1	38.8	42
10.5	10.4	10.4	39.3	39.2	38.6	10.3	10.3	10.4	35.3	32.6	32.6	30.7	30.2	30.6	43
29.7	26.5	26.8	68.2	70.3	69.1	33.0	32.8	32.9	145.8	149.2	145.7	390.0	396.1	396.3	44
57.5	65.8	65.5	252.9	260.5	256.9	78.5	78.9	78.6	301.2	308.8	302.3	500.6	509.7	510.8	45
190.8	178.3	182.7	708.9	700.2	691.5	187.9	189.6	186.9	584.8	585.3	590.6	526.7	530.7	535.5	46
14.9	14.6	14.5	66.1	62.8	63.4	17.3	17.0	17.2	54.6	53.9	54.9	35.5	36.5	36.6	47
22.7	22.3	22.3	66.5	68.5	67.4	26.9	27.2	26.9	45.8	46.0	45.8	46.7	47.7	47.1	48
50.0	54.2	58.6	156.4	155.3	151.6	46.1	46.1	46.0	142.8	140.0	141.5	73.4	77.5	77.2	49
12.6	12.5	12.3	63.2	63.5	63.3	15.6	15.3	15.2	55.5	54.1	54.0	35.0	34.5	34.6	50
4.2	4.2	4.2	18.6	18.5	17.8	3.3	3.3	3.3	15.6	14.8	14.7	22.3	22.6	22.5	51
26.3	25.4	25.6	118.3	120.3	118.1	30.0	29.6	29.5	87.0	86.7	87.9	63.3	64.3	64.0	52
0.9	6.6	6.6	39.3	39.4	39.3	11.1	11.3	11.2	34.7	34.9	35.7	22.1	22.3	22.3	53
114.0	113.7	113.1	411.5	397.2	380.6	98.5	96.4	95.3	251.6	253.2	252.4	351.9	361.4	363.0	54
09.1	08.4	08.2	207.6	205.7	204.1	58.9	57.4	57.5	120.4	130.4	132.5	121.9	127.3	127.2	55
3.9	3.8	3.8	16.8	18.9	18.5	3.6	3.6	3.6	12.6	13.5	13.5	26.2	27.4	27.3	56
2.0	2.7	2.7	13.6	15.5	14.3	4.4	4.5	4.5	7.7	9.8	9.7	17.2	17.9	17.9	57
5.7	5.6	5.6	17.1	19.2	18.4	5.6	5.5	5.5	15.9	14.1	14.0	30.5	30.8	30.6	58
7.4	7.7	7.3	16.5	16.5	16.3	3.6	3.6	3.6	11.9	12.0	11.7	13.2	13.4	13.3	59
25.5	24.6	25.3	84.3	86.1	84.8	23.1	23.5	23.4	71.8	72.2	72.5	78.3	84.3	81.6	60
21.5	20.5	21.2	72.0	73.3	72.2	21.0	21.2	21.2	59.4	59.8	59.9	68.1	72.9	70.2	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		
	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P
1 IDAHO .....	255.2	272.6	264.2	3.5	3.7	3.6	12.6	15.4	12.9	44.6	48.1	47.1
2 Boise City .....	57.9	60.9	60.4	(2)	(2)	(2)	4.4	4.9	4.7	5.9	6.1	6.0
3 ILLINOIS .....	4,433.7	4,445.0	4,359.5	24.1	25.0	24.3	156.5	174.6	153.1	1,277.3	1,201.7	1,197.8
4 Bloomington—Normal .....	43.3	47.6	(*)	(3)	(3)	(*)	1.1	1.5	(*)	6.9	7.2	(*)
5 Champaign—Urbana—Rantoul .....	63.3	62.8	(*)	(3)	(3)	(*)	2.3	2.3	(*)	5.8	6.3	(*)
6 Chicago—Gary .....	(*)	3,212.9	(*)	(*)	4.3	(*)	(*)	122.6	(*)	(*)	900.2	(*)
7 Chicago SMSA <sup>6</sup> .....	2,995.0	2,984.7	(*)	4.2	4.2	(*)	103.9	111.7	(*)	853.6	806.5	(*)
8 Davenport—Rock Island—Moline .....	150.2	152.0	(*)	(3)	(3)	(*)	5.4	6.1	(*)	50.1	47.3	(*)
9 Decatur .....	52.4	52.7	(*)	(3)	(3)	(*)	2.4	2.7	(*)	19.8	19.3	(*)
10 Peoria .....	142.9	145.5	(*)	(3)	(3)	(*)	7.1	7.9	(*)	52.9	52.1	(*)
11 Rockford .....	112.2	112.8	(*)	(3)	(3)	(*)	2.5	3.1	(*)	53.0	50.2	(*)
12 Springfield .....	78.4	79.5	(*)	(3)	(3)	(*)	3.2	3.3	(*)	10.2	8.9	(*)
13 INDIANA <sup>1</sup> .....	1,915.9	1,951.3	1,925.6	6.9	7.6	7.4	70.7	78.3	71.4	657.4	649.5	650.6
14 Evansville <sup>1</sup> .....	103.6	105.6	104.7	2.0	2.2	2.2	4.9	4.8	4.4	32.3	32.9	33.4
15 Fort Wayne <sup>1</sup> .....	150.4	148.6	147.1	(2)	(2)	(2)	5.4	5.5	5.2	50.9	50.9	51.6
16 Gary—Hammond—East Chicago <sup>1, 5</sup> .....	232.7	230.2	227.1	(2)	(2)	(2)	11.3	11.8	11.0	100.4	93.8	93.7
17 Indianapolis <sup>1</sup> .....	445.1	449.4	446.5	(2)	(2)	(2)	16.1	13.7	12.1	120.2	119.6	119.6
18 Muncie <sup>1</sup> .....	46.0	46.0	45.2	(2)	(2)	(2)	1.4	1.3	1.2	15.5	14.5	14.5
19 South Bend <sup>1</sup> .....	95.6	99.7	99.3	(2)	(2)	(2)	3.8	3.5	3.4	30.3	29.6	30.1
20 Terre Haute <sup>1</sup> .....	57.1	58.8	58.0	.9	1.0	1.0	1.8	2.0	1.8	15.6	16.2	16.0
21 IOWA .....	990.3	1,021.9	1,005.8	2.5	2.9	2.6	43.0	48.3	42.6	242.6	228.6	233.0
22 Cedar Rapids .....	73.2	75.6	74.3	(2)	(2)	(2)	3.1	3.6	3.4	26.6	25.9	25.9
23 Des Moines .....	155.3	157.2	155.7	(2)	(2)	(2)	7.9	7.5	7.0	28.0	25.6	25.8
24 Dubuque .....	40.8	40.1	40.2	(2)	(2)	(2)	1.3	1.0	1.0	17.3	15.9	15.9
25 Sioux City .....	48.6	48.5	48.5	(2)	(2)	(2)	2.9	2.6	2.3	12.5	12.1	12.1
26 Waterloo—Cedar Falls .....	57.1	58.3	57.1	(2)	(2)	(2)	1.9	2.1	2.0	21.3	20.1	19.4
27 KANSAS .....	787.1	816.2	806.4	10.3	10.6	10.5	34.1	38.8	35.4	166.2	162.1	161.2
28 Topeka .....	74.7	75.7	75.1	.1	.1	.1	2.2	2.5	2.3	10.9	10.3	10.3
29 Wichita .....	169.1	168.6	167.1	2.1	2.1	2.1	8.0	7.6	7.3	54.1	52.2	52.0
30 KENTUCKY <sup>1</sup> .....	1,045.6	1,054.5	1,080.4	44.1	44.7	41.5	43.3	47.2	51.9	267.1	256.6	278.6
31 Lexington—Fayette <sup>1</sup> .....	121.2	121.4	(*)	(2)	(2)	(*)	5.4	5.4	(*)	31.8	29.1	(*)
32 Louisville <sup>1</sup> .....	345.1	350.6	344.0	(2)	(2)	(2)	14.5	13.7	11.9	110.3	105.9	105.4
33 LOUISIANA .....	1,197.9	1,216.1	1,206.9	54.5	55.5	55.7	90.7	90.4	90.4	183.0	182.9	182.0
34 Baton Rouge .....	157.2	159.0	159.6	.9	.9	.9	17.7	16.8	16.7	22.6	21.7	21.7
35 Lake Charles .....	48.2	48.1	47.9	1.2	1.3	1.3	5.4	4.8	4.7	10.5	10.5	10.5
36 Monroe .....	42.5	43.4	43.1	.4	.3	.4	4.0	4.0	3.8	7.1	6.7	6.7
37 New Orleans .....	417.5	424.6	421.7	14.9	15.6	15.6	27.2	26.2	26.1	50.3	49.4	49.2
38 Shreveport .....	122.3	127.0	126.0	4.4	4.4	4.4	8.0	8.3	8.5	24.2	25.2	25.0
39 MAINE <sup>1</sup> .....	347.3	359.3	351.4	(2)	(2)	(2)	15.3	16.9	15.6	96.4	99.1	99.4
40 Lewiston—Auburn <sup>1</sup> .....	28.6	29.8	29.4	(2)	(2)	(2)	1.0	.9	.8	10.4	11.1	11.0
41 Portland <sup>4</sup> .....	76.2	75.9	74.8	(2)	(2)	(2)	3.0	2.6	2.8	15.8	15.7	16.0
42 MARYLAND <sup>1</sup> .....	1,407.0	1,449.3	1,410.9	1.7	1.7	1.7	86.4	90.8	84.5	238.7	226.8	225.3
43 Baltimore <sup>1</sup> .....	838.4	856.6	838.0	.3	.3	.3	40.7	43.2	40.2	168.4	159.6	159.2
44 MASSACHUSETTS .....	2,323.6	2,356.7	2,317.8	(2)	(2)	(2)	75.6	71.9	63.9	607.5	601.0	597.7
45 Boston .....	1,289.0	1,327.4	1,298.2	(2)	(2)	(2)	45.9	49.3	43.7	263.9	260.9	258.7
46 Brockton <sup>1</sup> .....	48.7	50.4	49.3	-	-	-	1.3	1.4	1.2	11.7	11.6	11.4
47 Fall River <sup>1</sup> .....	46.9	49.9	49.2	(2)	(2)	(2)	(2)	(2)	(2)	18.6	20.5	20.5
48 Lawrence—Haverhill .....	98.7	98.9	96.1	(2)	(2)	(2)	2.6	3.0	2.6	41.0	37.9	37.1
49 Lowell .....	60.8	63.4	63.0	(2)	(2)	(2)	2.4	2.8	2.3	21.7	22.4	22.7
50 New Bedford .....	57.7	59.7	58.8	(2)	(2)	(2)	1.8	1.9	1.7	23.3	24.5	24.6
51 Springfield—Chicopee—Holyoke .....	208.4	213.7	206.5	(2)	(2)	(2)	6.5	7.4	6.7	61.0	58.9	58.9
52 Worcester .....	143.5	144.3	142.5	(2)	(2)	(2)	4.4	5.3	4.8	46.9	44.5	44.8
53 MICHIGAN .....	3,107.0	3,209.5	3,136.7	13.6	13.8	12.2	102.5	97.3	87.2	990.2	1,030.9	1,023.9
54 Ann Arbor .....	111.0	115.2	112.5	(2)	(2)	(2)	1.8	1.4	1.4	32.6	33.5	33.1
55 Battle Creek .....	62.0	63.1	62.0	(2)	(2)	(2)	1.4	1.3	1.2	23.1	23.1	22.5
56 Bay City .....	31.6	32.6	32.2	(2)	(2)	(2)	.8	.9	.8	9.9	10.6	10.4
57 Detroit .....	1,557.3	1,649.1	1,617.4	1.2	1.3	1.2	46.7	43.3	40.0	509.0	561.7	558.5
58 Flint .....	168.6	185.1	181.6	(2)	(2)	(2)	5.0	5.5	4.5	67.9	77.1	76.3
59 Grand Rapids .....	206.6	215.1	209.5	(2)	(2)	(2)	8.5	9.3	8.0	70.0	71.4	70.4
60 Jackson .....	51.1	49.5	48.9	(2)	(2)	(2)	1.5	1.3	1.2	16.7	14.7	14.6
61 Kalamazoo—Portage .....	93.0	96.1	94.2	(2)	(2)	(2)	3.6	4.0	3.5	31.6	32.2	31.8
62 Lansing—East Lansing .....	155.1	159.6	157.7	(2)	(2)	(2)	5.1	5.3	4.8	36.2	37.1	36.8
63 Muskegon—Norton Shores—Musk. Hgts. .....	55.2	54.4	54.4	(2)	(2)	(2)	1.6	1.7	1.4	22.5	20.7	21.3

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

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	
10.1	10.5	10.4	64.9	70.4	66.7	11.0	11.3	11.3	45.4	47.3	46.9	58.9	59.9	59.3	1
3.0	3.0	3.9	15.3	16.4	16.0	3.9	4.0	4.0	7.6	9.9	9.9	15.0	15.7	15.9	2
203.0	219.3	217.9	998.5	1,043.3	998.9	254.4	252.6	251.8	760.9	782.3	779.8	676.1	686.3	675.9	3
3.1	3.1	(*)	10.1	10.9	(*)	6.2	6.2	(*)	7.1	6.9	(*)	8.9	11.8	(*)	4
2.0	2.0	(*)	13.6	14.2	(*)	1.7	1.8	(*)	0.9	9.9	(*)	28.4	25.7	(*)	5
(*)	205.0	(*)	(*)	750.4	(*)	(*)	197.4	(*)	(*)	594.0	(*)	(*)	434.3	(*)	6
202.0	194.5	(*)	667.7	707.6	(*)	194.2	190.2	(*)	557.6	564.1	(*)	394.3	405.5	(*)	7
7.7	7.5	(*)	35.8	37.7	(*)	5.9	6.1	(*)	21.3	21.8	(*)	24.0	25.4	(*)	8
4.5	4.5	(*)	10.3	10.5	(*)	2.2	2.2	(*)	0.4	8.2	(*)	5.1	5.3	(*)	9
7.5	7.5	(*)	31.3	33.0	(*)	6.2	6.1	(*)	22.1	23.1	(*)	16.1	16.2	(*)	10
4.1	4.2	(*)	23.0	24.4	(*)	3.4	3.4	(*)	17.9	15.4	(*)	11.3	12.1	(*)	11
4.9	4.4	(*)	15.1	16.8	(*)	6.3	6.4	(*)	13.8	14.4	(*)	25.4	25.4	(*)	12
100.0	99.7	9.0	412.1	426.6	412.7	88.4	88.2	87.5	267.9	271.6	269.0	311.8	327.9	328.2	13
3.0	3.7	5.6	24.6	25.1	24.4	3.7	3.6	3.6	10.8	19.2	19.1	11.5	12.1	12.0	14
7.3	7.4	9.3	35.4	36.3	34.9	8.5	8.6	8.5	22.2	22.5	22.2	15.3	15.4	15.4	15
27.6	27.2	13.9	42.1	43.7	42.1	7.4	7.5	7.5	26.8	30.4	30.1	28.1	28.8	28.6	16
20.7	27.0	22.6	107.5	108.3	106.4	32.2	32.1	32.1	61.8	68.3	68.3	78.4	80.4	81.4	17
2.0	1.5	1.4	5.8	10.3	9.6	1.5	1.5	1.5	0.0	6.0	6.0	9.8	10.5	10.5	18
3.0	4.0	4.8	23.0	23.9	23.2	5.8	5.3	5.3	20.2	20.9	20.8	11.5	11.7	11.7	19
4.1	4.1	4.0	13.4	13.8	13.6	1.8	1.8	1.8	0.2	8.5	8.5	11.3	11.4	11.3	20
34.7	33.0	34.2	241.8	261.2	251.6	46.5	47.3	47.0	167.8	179.1	177.5	189.5	199.5	197.2	21
3.0	3.0	3.7	15.1	16.3	15.6	3.4	3.6	3.6	12.2	13.0	12.9	9.1	9.5	9.2	22
10.3	10.5	10.5	37.1	38.4	37.4	17.1	17.4	17.4	27.9	31.4	31.1	24.8	26.3	26.5	23
1.7	1.7	1.9	7.6	8.0	7.7	1.1	1.1	1.1	0.3	8.7	8.8	3.5	3.7	3.7	24
3.0	3.7	3.6	12.0	12.2	12.2	2.4	2.5	2.5	7.4	9.9	9.7	5.9	6.0	6.0	25
2.7	2.4	2.4	11.7	12.5	12.2	1.7	1.8	1.7	0.6	9.1	9.0	9.5	10.2	10.4	26
35.0	35.5	35.3	185.0	200.7	195.5	36.9	38.5	38.7	129.1	134.0	135.3	170.5	176.0	174.5	27
7.3	7.1	7.1	16.2	16.7	16.0	5.1	5.3	5.4	15.2	13.4	13.5	20.0	20.5	20.6	28
0.7	0.4	0.3	36.8	37.7	37.2	7.8	8.0	8.0	27.9	30.8	30.4	22.2	22.1	22.0	29
00.2	00.5	00.3	218.8	218.2	217.6	41.6	41.6	42.8	161.3	167.4	168.4	209.2	215.9	219.3	30
0.7	0.7	(*)	25.7	27.5	(*)	5.4	5.4	(*)	17.3	17.5	(*)	28.9	30.8	(*)	31
21.7	21.6	21.7	70.5	78.0	74.6	19.1	19.6	19.5	50.5	61.2	60.4	48.5	50.5	50.5	32
71.7	70.5	70.2	274.8	284.8	277.4	58.3	59.2	59.1	192.7	196.4	195.9	246.2	251.0	250.2	33
0.0	7.8	8.6	30.3	30.4	30.4	8.1	8.9	8.9	22.2	23.7	23.7	46.6	48.8	48.7	34
2.7	2.7	2.6	10.5	10.7	10.6	2.0	2.1	2.1	7.4	7.6	7.5	8.3	8.4	8.4	35
2.0	2.0	2.6	11.1	11.8	11.6	3.0	3.1	3.1	0.1	6.2	6.2	8.2	8.7	8.7	36
73.2	72.9	73.2	105.6	109.7	107.1	26.0	25.8	25.7	83.9	86.0	85.6	66.4	65.0	69.2	37
10.7	10.1	10.2	29.8	31.5	31.1	5.5	5.6	5.6	20.3	21.1	20.9	19.2	20.4	20.3	38
17.3	17.0	16.0	71.9	74.8	72.0	14.0	13.8	13.8	5.7	26.9	26.4	76.5	80.8	77.4	39
1.2	1.1	1.1	6.6	6.9	6.6	1.3	1.3	1.3	3.5	5.6	5.7	2.7	2.9	2.9	40
4.7	4.6	4.5	19.4	19.7	19.4	6.1	6.0	5.8	14.4	14.4	14.2	12.8	12.9	12.1	41
19.2	19.7	18.0	340.7	373.6	354.1	78.2	78.9	77.8	270.2	287.3	284.8	295.9	310.8	304.1	42
34.0	34.9	34.5	190.9	200.8	191.9	47.5	47.3	46.6	153.3	157.9	156.5	182.5	192.6	188.8	43
115.0	115.5	112.1	517.4	552.2	529.3	138.5	137.6	136.7	507.5	512.7	516.1	359.3	367.8	362.0	44
70.0	69.0	67.8	297.1	318.3	302.8	99.0	100.2	99.8	323.4	336.8	332.8	188.9	192.9	192.6	45
3.7	3.6	3.5	15.8	15.0	14.8	1.7	1.7	1.7	7.5	7.8	7.7	9.0	9.3	9.0	46
2.0	2.0	1.9	9.4	10.1	9.6	(2)	(2)	(2)	1.3	11.7	11.5	5.6	5.7	5.7	47
3.0	3.5	3.4	18.9	19.8	19.1	3.3	3.3	3.4	17.6	15.0	14.5	14.7	16.4	16.0	48
2.0	2.6	2.7	12.8	13.4	13.0	1.9	1.9	1.9	7.4	9.7	9.8	10.0	10.6	10.6	49
3.2	3.2	3.2	10.9	11.3	10.8	(2)	(2)	(2)	10.9	11.0	10.8	7.6	7.8	7.7	50
7.2	7.1	6.8	43.9	45.4	43.5	11.1	11.2	11.1	32.6	36.4	35.8	41.1	45.3	41.7	51
7.1	7.0	6.0	29.1	29.5	28.5	8.1	8.1	8.0	23.3	26.5	25.9	22.6	23.4	23.9	52
140.2	145.8	142.7	644.5	673.5	643.7	129.2	128.5	129.4	510.5	522.2	512.3	564.3	593.5	579.4	53
2.0	2.0	2.5	16.0	17.4	17.2	3.2	3.2	3.2	14.5	15.8	14.4	40.3	41.3	40.8	54
2.7	2.4	2.4	5.9	10.7	10.4	3.8	3.8	3.8	7.5	9.7	9.7	11.9	12.2	12.2	55
2.0	2.0	2.0	7.2	7.3	7.1	1.0	1.0	1.0	3.7	5.8	5.7	5.0	5.1	5.1	56
77.0	79.0	75.3	320.7	333.7	318.0	76.0	76.0	76.6	287.8	285.7	283.1	245.0	267.6	260.7	57
3.1	3.0	2.9	33.6	37.2	35.8	4.9	5.0	5.0	23.7	24.3	24.2	28.3	30.1	29.8	58
7.7	10.1	10.1	48.1	51.7	49.2	8.3	8.3	8.3	37.6	39.2	38.3	24.3	25.2	25.2	59
7.3	7.3	7.3	9.6	9.8	9.5	1.5	1.5	1.5	0.5	8.8	8.7	9.0	9.1	9.0	60
3.0	3.0	3.0	18.1	19.5	18.7	3.1	3.1	3.1	13.3	15.7	15.5	18.3	18.6	18.6	61
3.7	3.7	3.7	26.5	30.0	28.9	7.2	7.3	7.3	21.5	21.1	20.8	54.0	55.2	55.4	62
2.7	2.9	2.9	10.2	10.7	10.3	1.6	1.6	1.6	7.7	7.7	7.8	8.8	9.2	9.2	63

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

**B-8 Employees on nonagricultural payrolls for Stated areas, by industry division—Continued**

(In thousands)

State and area	Total			Mining			Contract construction			Manufacturing		
	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P
<b>MICHIGAN—Continued</b>												
1 Saginaw .....	75.1	79.5	78.5	(2)	(2)	(2)	1.9	2.1	2.0	29.6	32.0	31.5
<b>MINNESOTA</b>												
2 Duluth—Superior .....	1,453.8	1,490.7	1,451.5	13.1	13.1	12.5	53.6	66.4	57.2	326.1	312.0	307.7
3 Minneapolis—St. Paul .....	54.6	56.5	54.3	(2)	(2)	(2)	1.8	2.3	2.1	7.5	7.4	7.0
4 .....	887.5	895.1	873.3	(2)	(2)	(2)	31.6	36.5	31.4	215.3	201.6	199.9
<b>MISSISSIPPI<sup>1</sup></b>												
5 Jackson .....	668.7	685.3	674.5	5.9	6.2	6.3	36.9	35.8	34.0	200.4	206.6	204.5
6 .....	116.5	118.1	116.4	.8	.8	.9	7.6	5.8	5.2	16.8	17.1	17.0
<b>MISSOURI<sup>1</sup></b>												
7 Kansas City <sup>1</sup> .....	1,715.6	1,737.0	1,716.2	8.7	8.1	7.5	58.8	64.5	59.1	410.8	408.6	408.0
8 St. Joseph <sup>1</sup> .....	534.0	547.1	540.6	.5	.6	.6	19.8	23.3	21.9	106.9	108.3	107.9
9 .....	33.9	35.6	35.1	(3)	(3)	(3)	1.5	1.6	1.5	9.2	9.2	9.2
10 Springfield <sup>1</sup> .....	891.1	908.4	896.2	2.9	2.9	2.9	22.6	28.8	27.3	242.8	245.6	244.7
11 .....	69.3	70.2	70.0	.2	.1	.1	2.9	2.4	2.3	17.1	16.9	17.0
<b>MONTANA</b>												
12 Billings .....	226.9	243.0	234.6	7.2	6.1	6.1	10.6	11.4	9.9	21.6	22.2	21.5
13 Great Falls .....	36.9	40.0	38.4	(2)	(2)	(2)	2.0	2.0	1.8	3.7	3.5	3.4
14 .....	26.1	27.6	27.0	(2)	(2)	(2)	1.3	1.4	1.2	1.8	1.7	1.7
<b>NEBRASKA</b>												
15 Lincoln .....	542.5	562.1	552.6	1.5	1.5	1.5	24.6	28.5	26.1	86.0	85.5	85.9
16 Omaha .....	85.0	88.6	88.4	-	-	-	3.8	4.2	3.7	12.3	12.5	12.4
17 .....	230.8	240.2	234.9	(3)	(3)	(3)	9.5	11.7	10.6	37.3	34.5	34.4
<b>NEVADA<sup>1</sup></b>												
18 Las Vegas <sup>1</sup> .....	246.8	267.8	262.5	4.5	4.3	4.1	10.6	12.3	11.4	11.6	12.6	12.6
19 Reno <sup>1</sup> .....	135.4	145.3	144.0	.2	.2	.2	6.2	6.6	6.4	4.7	5.2	5.3
20 .....	68.6	77.2	73.8	.3	.4	.3	2.9	4.1	3.6	4.6	5.1	5.0
<b>NEW HAMPSHIRE</b>												
21 Manchester <sup>1</sup> .....	290.9	302.0	296.3	.3	.4	.4	13.7	15.4	13.1	88.3	88.5	88.5
22 .....	50.5	57.0	55.6	(2)	(2)	(2)	2.4	1.8	1.6	14.9	16.3	16.3
<b>NEW JERSEY</b>												
23 Atlantic City .....	2,653.7	2,663.4	2,601.0	2.8	2.7	2.6	93.4	90.0	78.3	751.9	722.0	715.0
24 Camden <sup>8</sup> .....	62.2	62.2	60.4	-	-	-	2.4	2.3	2.1	10.3	9.0	8.8
25 Hackensack <sup>9</sup> .....	285.1	289.7	283.3	.2	.2	.2	15.1	13.8	13.0	63.0	61.6	60.8
26 Jersey City <sup>9</sup> .....	335.6	341.6	328.1	(2)	(2)	(2)	11.1	12.4	9.6	98.0	99.2	98.4
27 Long Branch—Asbury Park .....	234.6	231.7	227.7	-	-	-	4.6	4.8	4.2	79.7	77.2	76.7
28 New Bruns.—Perth Amboy—Sayreville <sup>9</sup> .....	135.4	138.3	135.2	(2)	(2)	(2)	6.2	4.6	4.2	23.1	24.4	24.5
29 Newark <sup>9</sup> .....	241.8	243.6	237.8	(2)	(2)	(2)	9.5	9.3	8.3	82.0	77.1	76.7
30 Paterson—Clifton—Passaic <sup>9</sup> .....	847.5	843.9	823.8	1.0	1.1	1.1	28.8	28.7	25.3	239.6	225.8	223.8
31 Trenton .....	179.9	178.9	173.3	(2)	(2)	(2)	5.5	5.5	4.2	68.4	66.0	65.5
32 Vineland—Millville—Bridgeton .....	145.0	151.9	150.1	(2)	(2)	(2)	3.0	3.3	2.7	36.8	37.7	37.5
33 .....	49.1	48.9	48.1	(2)	(2)	(2)	2.0	1.8	1.7	17.3	16.6	16.4
<b>NEW MEXICO</b>												
34 Albuquerque .....	358.2	374.9	366.8	20.0	20.4	20.4	22.8	24.8	22.9	27.3	27.9	27.6
35 .....	142.5	148.9	146.3	(2)	(2)	(2)	9.6	9.8	9.2	14.4	15.3	14.9
<b>NEW YORK<sup>1</sup></b>												
36 Albany—Schenectady—Troy <sup>1</sup> .....	6,792.3	6,760.5	6,619.4	7.0	7.2	6.6	202.0	186.3	173.2	1,426.4	1,387.8	1,372.2
37 Binghamton <sup>1</sup> .....	303.0	304.2	298.2	(2)	(2)	(2)	10.1	10.1	8.8	62.4	60.2	59.4
38 Buffalo <sup>1</sup> .....	106.2	107.8	105.4	(2)	(2)	(2)	3.4	4.1	3.3	40.0	38.1	37.9
39 Elmira <sup>1</sup> .....	480.3	484.1	472.7	(2)	(2)	(2)	14.1	13.6	12.0	141.8	138.6	138.5
40 Monroe County <sup>1,10</sup> .....	37.6	36.9	36.2	(2)	(2)	(2)	1.2	1.1	.9	13.3	12.2	12.3
41 Nassau—Suffolk <sup>1,11</sup> .....	317.2	318.3	311.5	(2)	(2)	(2)	9.7	8.0	7.2	131.3	123.6	123.5
42 New York—Northeastern New Jersey .....	773.5	791.2	768.7	(2)	(2)	(2)	32.6	28.8	24.6	141.6	136.5	136.9
43 New York and Nassau—Suffolk <sup>1,9</sup> .....	6,385.8	6,343.0	(*)	3.0	2.6	(*)	199.5	187.7	(*)	1,359.4	1,320.1	(*)
44 New York SMSA <sup>1,11</sup> .....	4,465.0	4,421.4	(*)	1.9	1.9	(*)	132.8	116.2	(*)	739.6	731.2	(*)
45 New York City <sup>1,12</sup> .....	3,691.6	3,630.3	(*)	1.7	1.8	(*)	100.2	87.4	(*)	598.0	594.8	(*)
46 Poughkeepsie <sup>1</sup> .....	3,305.2	3,236.5	(*)	1.5	1.5	(*)	83.8	72.9	(*)	519.7	517.0	(*)
47 Rochester <sup>1</sup> .....	86.1	87.6	85.2	(2)	(2)	(2)	2.7	2.9	2.5	29.5	27.4	27.2
48 Rockland County <sup>1,12</sup> .....	384.1	389.0	380.0	(2)	(2)	(2)	11.5	9.8	8.6	149.1	142.0	141.1
49 Syracuse <sup>1</sup> .....	71.0	72.9	71.3	(2)	(2)	(2)	1.8	1.7	1.6	13.7	13.4	13.3
50 Utica—Rome <sup>1</sup> .....	234.6	236.5	(*)	(2)	(2)	(*)	9.3	9.3	(*)	57.1	52.8	(*)
51 Westchester County <sup>1,12</sup> .....	109.2	108.2	105.7	(2)	(2)	(2)	2.2	2.5	1.9	32.8	30.0	29.7
52 .....	305.5	310.9	300.3	(2)	(2)	(2)	13.8	12.0	10.6	63.6	63.4	63.0
<b>NORTH CAROLINA</b>												
53 Asheville .....	1,991.1	2,043.2	2,025.3	4.1	3.7	3.7	115.9	115.5	114.5	736.0	759.4	757.7
54 Charlotte—Gastonia .....	60.9	61.0	60.0	(2)	(2)	(2)	3.3	3.6	3.4	20.3	18.7	18.7
55 Greensboro—Winston-Salem—High Pt. .....	269.6	277.9	273.6	(2)	(2)	(2)	16.0	15.9	15.4	78.3	82.3	81.8
56 Raleigh—Durham .....	332.1	334.7	331.2	(2)	(2)	(2)	15.4	14.8	14.5	136.0	134.2	134.0
57 .....	211.6	215.2	212.7	(2)	(2)	(2)	12.6	11.9	11.8	35.1	35.0	35.0
<b>NORTH DAKOTA</b>												
58 Fargo—Moorhead .....	190.1	201.9	196.9	1.5	2.1	2.2	9.7	12.1	10.6	15.1	15.4	15.3
59 .....	49.5	52.9	51.8	.1	.1	.1	2.2	2.7	2.3	4.2	4.4	4.4

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

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	
3.0	4.1	4.0	14.8	15.4	15.3	3.2	3.2	3.2	11.2	11.7	11.5	10.6	11.0	10.9	1
91.7	92.5	90.7	358.5	373.0	357.4	72.0	71.5	71.7	265.4	283.5	277.9	272.3	278.7	276.6	2
0.5	0.9	6.0	13.9	14.8	14.0	2.0	1.9	2.0	11.4	11.7	11.7	11.7	11.6	11.5	3
00.4	60.9	61.2	219.1	226.4	216.0	55.1	55.3	55.4	160.8	179.2	174.9	137.2	135.2	134.5	4
34.0	34.3	33.9	129.5	137.6	131.4	27.3	27.6	27.6	80.6	87.4	86.8	147.2	149.9	150.0	5
7.0	7.7	7.6	27.5	28.9	27.8	9.3	9.5	9.5	21.7	22.7	22.3	25.1	25.7	26.0	6
125.1	122.5	121.2	407.1	413.6	402.9	92.7	92.4	92.3	290.7	306.5	306.1	315.7	320.8	319.1	7
50.0	49.5	49.3	136.8	144.9	140.9	36.1	36.2	36.3	97.7	102.1	101.3	83.4	82.2	82.4	8
2.5	2.3	2.4	8.6	8.9	8.6	1.5	1.7	1.5	5.4	6.0	5.9	5.5	5.9	6.0	9
04.0	05.3	64.4	203.6	209.1	203.2	48.8	49.2	49.0	174.5	175.5	174.3	131.3	132.0	130.4	10
5.0	5.0	5.0	18.2	18.9	18.7	2.8	2.6	2.6	15.2	13.7	13.7	9.9	10.6	10.6	11
16.0	15.1	16.5	55.4	61.3	56.8	9.7	10.4	10.2	42.2	45.3	44.8	61.6	67.2	66.8	12
3.4	3.3	3.2	11.5	13.3	12.5	1.8	2.0	2.0	7.6	8.2	8.1	6.9	7.7	7.4	13
1.4	1.8	2.0	7.7	8.6	8.0	1.8	1.9	1.9	5.7	6.2	6.2	5.9	6.0	6.0	14
40.0	39.4	35.1	139.7	148.1	143.1	33.8	35.3	35.2	90.4	100.7	100.2	119.9	122.7	121.5	15
5.2	5.3	5.3	18.0	19.3	19.3	5.9	6.1	6.0	14.8	15.4	15.7	25.1	25.8	25.9	16
22.0	20.7	20.7	59.4	61.9	58.9	19.6	20.2	20.3	45.8	48.5	48.0	39.2	42.7	42.0	17
16.0	17.4	17.3	47.6	53.9	51.5	10.4	10.8	10.6	101.2	109.5	109.2	44.1	47.0	45.8	18
9.0	9.5	5.3	25.8	29.3	28.4	5.6	5.6	5.6	64.7	68.7	68.9	19.2	20.2	19.9	19
5.5	5.7	5.7	15.4	17.2	16.0	3.8	4.0	3.9	25.4	26.8	26.2	12.7	13.9	13.1	20
15.1	12.5	12.8	60.9	66.2	62.8	14.7	15.8	15.8	55.3	55.4	55.5	46.6	47.8	47.4	21
3.0	3.5	3.5	11.4	14.0	12.8	3.7	3.9	3.9	5.5	10.6	10.5	5.0	6.9	7.0	22
174.1	174.9	174.5	578.0	612.9	576.2	137.6	137.1	137.7	465.0	462.1	458.7	450.9	461.7	458.0	23
5.0	5.3	3.4	16.2	17.6	16.3	3.8	4.1	4.2	15.2	13.4	13.3	12.7	12.5	12.3	24
16.2	15.5	15.1	70.6	78.3	74.8	14.1	14.0	13.9	52.5	53.0	52.4	53.4	53.3	53.1	25
18.5	18.1	17.2	96.7	99.9	94.9	14.7	15.3	15.1	50.9	60.7	57.2	37.7	36.0	35.7	26
31.5	31.0	30.8	43.2	44.3	42.5	8.7	8.7	8.7	26.3	27.4	27.2	38.5	38.3	37.6	27
5.5	5.8	5.7	33.2	35.0	33.4	5.5	5.6	5.5	30.7	30.5	29.8	31.2	32.4	32.1	28
17.1	16.9	16.3	53.4	58.2	55.0	7.2	7.5	7.4	30.2	31.9	31.9	42.4	42.7	42.2	29
04.5	05.4	05.4	167.2	170.5	159.5	61.1	60.1	60.5	150.1	158.4	156.0	129.2	133.9	132.2	30
0.4	0.7	0.6	43.0	45.0	41.8	8.3	8.2	8.2	20.2	26.7	26.4	22.1	21.8	21.4	31
5.2	4.9	4.8	21.1	23.8	22.8	6.2	6.1	6.1	34.9	35.2	35.5	37.8	40.9	40.7	32
5.5	3.1	3.0	7.9	8.1	7.9	2.5	2.5	2.5	7.0	7.1	7.0	9.1	9.7	9.6	33
22.9	23.2	22.9	80.0	86.8	83.0	16.2	16.8	16.6	65.5	69.0	68.7	103.5	106.0	104.7	34
0.5	6.2	8.1	35.0	38.1	36.7	8.2	8.6	8.5	32.2	33.5	33.6	34.8	35.4	35.3	35
442.5	426.6	424.4	1,396.9	1,446.6	1,376.8	577.2	578.7	574.9	1,421.0	1,433.9	1,415.3	1,319.3	1,293.5	1,276.0	36
15.5	14.6	14.6	59.0	61.4	59.7	13.4	13.5	13.3	55.8	58.2	57.9	87.0	86.0	84.4	37
4.0	4.7	4.6	18.8	20.6	19.8	3.5	3.5	3.5	15.6	13.9	13.8	22.3	22.9	22.5	38
27.8	26.7	26.2	105.9	110.3	105.1	19.9	19.8	19.7	85.3	87.7	85.4	85.6	87.4	85.9	39
1.5	1.5	1.5	7.9	8.2	7.8	1.0	1.0	1.0	0.1	6.1	6.0	6.6	6.9	6.8	40
9.7	10.7	10.5	57.1	61.0	57.4	13.4	13.8	13.7	57.3	60.8	59.9	38.8	40.3	39.3	41
35.0	34.6	34.4	205.0	218.1	206.9	42.0	42.3	42.2	155.9	163.9	161.2	161.3	166.7	162.5	42
477.0	400.9	(*)	1,355.2	1,411.7	(*)	587.3	589.2	(*)	1,329.0	1,343.7	(*)	1,074.6	1,021.1	(*)	43
553.2	515.4	(*)	937.8	970.7	(*)	482.3	483.5	(*)	1,018.8	1,025.9	(*)	818.6	772.5	(*)	44
298.2	284.6	(*)	732.9	752.6	(*)	440.3	441.2	(*)	865.1	862.1	(*)	657.3	605.8	(*)	45
215.8	202.6	(*)	644.1	657.5	(*)	420.8	421.4	(*)	770.7	771.5	(*)	582.8	532.2	(*)	46
2.0	2.7	2.7	14.5	15.9	15.0	2.4	2.5	2.4	14.1	15.3	14.6	20.1	20.8	20.7	47
12.2	13.4	13.0	71.6	78.1	73.4	15.0	15.7	15.5	60.7	69.9	69.1	57.9	60.2	59.2	48
3.8	5.6	3.6	15.3	16.8	16.0	2.4	2.5	2.4	14.5	15.1	14.6	19.6	19.7	19.8	49
13.7	13.6	(*)	52.6	54.1	(*)	14.2	14.3	(*)	41.9	44.8	(*)	45.9	47.6	(*)	50
4.2	4.0	3.9	19.6	20.4	19.6	4.9	4.8	4.8	11.2	17.6	17.5	28.4	28.8	28.3	51
16.1	17.5	17.5	71.1	75.6	70.2	16.7	17.0	17.1	75.0	73.7	71.2	52.2	51.4	50.2	52
100.7	100.7	95.9	373.2	384.9	374.3	86.5	86.3	86.3	262.6	265.6	264.5	312.1	327.1	324.4	53
5.5	5.2	3.1	12.6	13.2	12.7	2.3	2.4	2.4	10.1	10.4	10.4	9.0	9.5	9.3	54
25.5	24.2	23.7	65.3	66.8	65.1	17.9	17.8	17.7	37.5	37.3	36.8	31.3	33.6	33.1	55
16.7	15.2	15.0	61.2	62.7	60.7	15.5	15.3	15.2	44.0	44.9	44.5	41.3	43.6	43.3	56
10.0	10.2	10.1	41.0	42.7	40.7	13.8	13.6	13.5	40.4	41.3	41.3	58.1	60.5	60.3	57
12.8	12.9	12.6	52.0	56.3	54.3	8.4	9.0	9.0	36.1	39.8	39.5	52.6	54.2	53.5	58
3.4	3.5	3.4	15.2	16.3	15.8	2.8	2.9	2.9	10.9	11.5	11.6	10.9	11.5	11.5	59

**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		
	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P
1 OHIO .....	4,078.7	4,135.9	4,058.2	25.2	28.1	27.7	150.4	156.8	139.7	1,330.9	1,268.8	1,269.4
2 Akron .....	254.8	252.5	248.4	.3	.3	.3	7.1	7.6	6.8	89.4	84.1	83.6
3 Canton .....	152.5	152.1	150.7	.6	.6	.6	5.4	5.7	5.3	60.7	55.0	56.0
4 Cincinnati .....	534.6	549.8	538.1	.4	.4	.4	22.0	23.0	20.7	158.3	154.8	153.5
5 Cleveland .....	863.0	875.1	858.6	1.3	1.4	1.3	28.6	29.8	26.6	269.1	254.1	254.2
6 Columbus .....	452.3	463.0	452.9	.9	.9	.9	17.8	18.6	16.4	95.8	92.3	91.9
7 Dayton .....	328.9	332.1	325.0	.5	.5	.5	11.2	11.3	9.7	109.3	103.3	102.6
8 Toledo .....	278.9	286.9	280.1	.7	.7	.6	12.6	13.1	11.5	83.0	84.3	83.9
9 Youngstown—Warren .....	206.4	207.5	203.5	.3	.3	.3	7.0	6.7	6.0	86.0	81.1	81.0
10 OKLAHOMA .....	877.8	905.1	892.5	35.7	40.0	40.3	43.2	43.5	41.8	150.0	152.0	151.2
11 Oklahoma City .....	310.9	314.7	311.6	8.4	8.7	8.7	16.2	16.2	15.7	41.2	38.5	38.3
12 Tulsa .....	222.1	227.4	225.7	13.4	13.9	13.8	13.8	12.4	12.1	51.2	51.2	50.9
13 OREGON .....	808.5	841.8	827.5	1.5	1.3	1.1	32.0	31.1	28.5	173.3	182.4	178.6
14 Eugene—Springfield .....	79.6	83.9	83.5	(2)	(2)	(2)	3.3	3.3	3.1	17.0	17.5	17.9
15 Jackson County .....	-	-	-	-	-	-	-	-	-	4.9	6.4	6.2
16 Portland .....	437.4	444.7	440.7	(2)	(2)	(2)	17.3	17.4	16.4	93.6	91.3	90.8
17 Salem .....	65.1	67.8	66.8	(2)	(2)	(2)	3.4	3.1	2.9	9.2	10.2	9.8
18 PENNSYLVANIA .....	4,358.4	4,418.6	4,316.0	43.0	46.4	45.9	177.1	185.4	165.9	1,385.6	1,340.7	1,332.6
19 Allentown—Bethlehem—Easton .....	245.5	248.3	243.7	.6	.7	.7	10.9	11.9	11.1	109.4	107.1	106.4
20 Altoona .....	48.9	50.0	49.6	(2)	(2)	(2)	1.6	1.7	1.5	13.2	13.1	13.6
21 Delaware Valley <sup>3</sup> .....	1,499.6	1,545.5	1,511.7	1.2	1.2	1.1	60.8	60.9	54.4	414.0	404.0	403.0
22 Erie .....	109.4	108.0	105.7	(2)	(2)	(2)	3.3	3.1	2.6	47.2	42.8	42.5
23 Harrisburg .....	200.6	203.4	198.8	(2)	(2)	(2)	8.3	9.7	8.6	39.1	38.4	37.9
24 Johnstown .....	83.9	86.8	84.6	7.5	8.2	8.2	2.4	2.3	2.1	23.7	23.2	22.4
25 Lancaster .....	132.8	131.7	130.2	(2)	(2)	(2)	6.8	6.4	6.0	55.0	52.8	52.7
26 Northeast Pennsylvania .....	228.6	234.1	230.0	1.3	1.4	1.4	11.0	11.7	10.9	76.2	77.0	76.7
27 Philadelphia SMSA .....	1,783.4	1,835.1	1,794.7	1.4	1.4	1.2	75.9	74.7	67.5	476.0	465.7	463.6
28 Philadelphia City <sup>1,4</sup> .....	817.0	839.3	825.4	-	-	-	22.2	20.6	18.2	182.3	179.2	178.1
29 Pittsburgh .....	886.7	880.4	861.3	11.9	13.4	13.4	36.2	36.4	32.6	258.2	242.0	241.0
30 Reading .....	128.3	132.2	129.9	(2)	(2)	(2)	4.5	4.8	4.5	52.0	50.9	51.0
31 Scranton <sup>1,5</sup> .....	81.8	85.1	84.3	.3	.3	.3	2.5	2.8	2.3	27.6	28.6	28.5
32 Wilkes-Barre—Hazleton <sup>1,6</sup> .....	123.8	125.3	122.9	1.0	1.0	1.0	6.9	7.5	6.9	43.9	43.8	43.4
33 Williamsport .....	46.1	45.6	44.7	(2)	(2)	(2)	1.4	1.3	1.1	18.6	18.1	17.7
34 York .....	135.1	135.5	133.2	(2)	(2)	(2)	6.2	6.5	5.9	59.1	57.8	57.3
35 RHODE ISLAND <sup>1</sup> .....	339.6	348.0	336.3	(2)	(2)	(2)	9.8	9.8	8.7	109.8	112.5	109.6
36 Providence—Warwick—Pawtucket <sup>4</sup> .....	351.7	359.9	347.9	(2)	(2)	(2)	10.1	10.1	8.9	123.1	125.4	122.3
37 SOUTH CAROLINA <sup>1</sup> .....	954.1	1,008.9	(*)	2.0	1.8	(*)	62.1	60.6	(*)	326.4	354.8	(*)
38 Charleston <sup>1</sup> .....	112.8	117.2	(*)	(2)	(2)	(*)	8.5	9.5	(*)	14.3	14.8	(*)
39 Columbia <sup>1</sup> .....	142.6	146.4	(*)	(2)	(2)	(*)	7.8	7.6	(*)	22.5	22.0	(*)
40 Greenville—Spartanburg <sup>1</sup> .....	215.4	227.9	(*)	(2)	(2)	(*)	14.6	14.7	(*)	88.0	96.7	(*)
41 SOUTH DAKOTA .....	202.6	210.7	208.2	2.4	2.5	2.6	8.4	8.2	7.6	19.4	20.8	21.1
42 Rapid City .....	22.2	24.1	24.1	(3)	(3)	(3)	1.7	1.8	1.7	2.1	2.3	2.2
43 Sioux Falls .....	43.1	44.5	43.8	(3)	(3)	(3)	1.8	2.1	1.8	6.5	6.6	6.6
44 TENNESSEE .....	1,521.8	1,567.3	1,549.6	8.3	8.7	8.6	81.7	79.9	74.7	479.9	488.1	488.3
45 Chattanooga <sup>1</sup> .....	151.4	154.8	154.3	.8	.8	.7	5.7	5.6	5.4	53.2	54.3	54.4
46 Knoxville <sup>1</sup> .....	168.9	175.7	174.9	1.8	1.6	1.6	9.5	9.5	9.1	47.3	47.4	47.4
47 Memphis <sup>1</sup> .....	315.4	319.1	315.1	.2	.2	.2	15.6	13.2	12.5	56.9	56.6	56.5
48 Nashville—Davidson .....	304.4	309.6	303.7	(2)	(2)	(2)	20.1	18.4	16.0	79.4	80.7	80.8
49 TEXAS .....	4,367.8	4,491.7	4,449.4	25.3	131.5	131.8	286.5	276.0	273.4	804.9	809.0	810.9
50 Amarillo .....	60.0	62.8	61.7	(2)	(2)	(2)	4.0	3.1	2.9	6.4	8.2	8.4
51 Austin .....	163.4	169.9	168.6	(2)	(2)	(2)	10.6	11.5	11.5	14.6	15.0	15.2
52 Beaumont—Port Arthur—Orange <sup>1</sup> .....	121.6	130.4	129.9	(2)	(2)	(2)	11.8	10.1	9.9	33.6	41.4	41.6
53 Corpus Christi .....	97.4	98.3	97.8	3.6	3.5	3.5	7.1	7.8	8.0	11.6	11.4	11.4
54 Dallas—Fort Worth .....	1,072.1	1,088.7	1,073.4	12.0	12.3	12.3	51.3	44.5	43.6	237.4	240.3	240.2
55 El Paso .....	128.2	130.0	130.2	(2)	(2)	(2)	7.6	5.7	5.6	26.6	28.9	28.8
56 Galveston—Texas City .....	59.1	60.9	60.9	(2)	(2)	(2)	3.4	3.1	3.2	11.7	12.3	12.3
57 Houston .....	980.5	1,016.5	1,011.1	41.8	44.1	43.9	89.0	94.7	94.6	173.5	174.5	175.0
58 Lubbock .....	70.2	74.0	72.2	(2)	(2)	(2)	4.3	3.9	3.9	9.9	9.8	9.4
59 San Antonio <sup>1</sup> .....	310.2	315.3	313.8	1.6	1.6	1.6	18.6	18.3	18.4	38.6	38.1	38.2
60 Waco .....	55.6	56.4	56.1	(2)	(2)	(2)	2.8	3.1	3.1	12.7	12.4	12.4
61 Wichita Falls <sup>1</sup> .....	43.7	44.3	44.0	2.2	2.2	2.2	1.9	1.7	1.7	7.0	6.9	6.9
62 UTAH .....	439.1	(*)	(*)	14.4	(*)	(*)	20.3	(*)	(*)	69.7	(*)	(*)
63 Salt Lake City—Ogden .....	318.7	(*)	(*)	6.9	(*)	(*)	15.8	(*)	(*)	48.9	(*)	(*)

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			
JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	
224.3	223.0	215.6	873.6	930.1	888.6	176.4	179.6	178.6	669.0	706.5	698.2	629.0	643.2	636.4	1
13.3	14.7	14.7	53.3	56.4	53.8	8.6	8.4	8.4	37.6	39.9	39.9	41.2	41.2	41.1	2
1.1	1.1	7.7	31.3	34.0	32.3	5.8	5.9	5.0	27.6	26.0	26.0	16.3	17.1	17.1	3
33.4	33.1	32.4	120.0	126.2	121.5	27.9	28.1	27.8	95.7	103.3	102.0	76.8	80.8	79.8	4
77.2	40.5	47.7	200.1	211.2	202.3	43.6	44.0	44.1	155.5	163.4	161.8	115.1	122.4	120.5	5
22.0	22.7	22.3	104.0	112.6	107.2	31.1	31.9	31.8	85.5	89.3	88.4	96.3	94.6	94.1	6
12.1	12.4	12.2	65.8	70.2	66.4	11.4	11.8	11.7	55.0	57.5	57.5	63.7	65.1	64.5	7
15.0	19.1	18.7	63.6	67.0	63.5	9.4	9.4	9.4	40.1	50.1	50.1	42.6	43.2	42.4	8
11.2	11.2	11.1	41.8	44.6	42.2	6.5	6.7	6.7	35.2	33.2	32.9	23.4	23.5	23.2	9
33.1	34.7	34.5	202.7	219.1	210.4	45.8	46.7	46.6	137.3	143.1	141.8	204.0	206.0	205.9	10
19.4	19.0	19.7	76.2	81.2	78.5	20.2	19.9	20.0	47.5	48.9	49.3	81.8	81.5	81.4	11
17.9	16.0	17.9	51.6	54.7	54.1	12.3	13.3	13.3	30.3	39.7	39.7	23.6	24.2	23.9	12
30.0	30.4	30.5	191.5	207.2	200.1	45.3	46.3	46.2	141.4	145.5	144.7	172.9	177.6	177.8	13
4.0	4.4	4.4	18.5	20.6	20.0	3.7	3.7	3.7	15.7	14.7	14.5	18.8	19.7	19.9	14
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15
31.0	30.7	30.7	109.3	114.5	112.1	30.4	31.0	30.9	85.7	85.2	85.1	72.1	74.6	74.8	16
2.3	2.3	2.2	13.2	14.0	13.7	3.6	3.8	3.7	10.9	11.2	11.0	22.5	23.2	23.5	17
237.3	223.5	245.7	859.9	910.3	866.6	208.7	209.3	209.2	740.0	776.2	764.2	681.8	697.8	681.9	18
12.0	12.8	12.4	41.7	42.7	41.8	7.6	8.0	7.9	37.6	36.1	35.0	27.9	29.0	28.4	19
7.5	7.5	7.5	10.3	11.0	10.3	1.5	1.5	1.5	7.7	7.8	7.8	7.1	7.4	7.4	20
32.3	32.3	31.7	334.6	317.1	317.1	95.8	94.1	94.2	307.5	323.6	317.7	237.7	244.8	242.5	21
3.3	3.5	5.3	20.4	19.9	18.4	4.3	4.7	4.7	15.9	17.7	17.7	12.8	14.3	14.5	22
17.7	14.4	14.2	41.0	41.5	40.8	10.5	10.9	10.8	31.7	32.5	31.2	55.6	56.0	55.3	23
3.7	3.5	5.4	13.5	16.7	16.4	2.6	2.8	2.8	15.4	14.4	13.9	13.1	13.7	13.4	24
3.0	3.8	5.8	20.6	27.5	26.9	4.4	4.4	4.4	21.8	22.6	22.9	12.4	12.2	11.9	25
12.0	12.2	12.0	45.1	46.2	44.7	8.7	8.8	8.8	35.7	40.0	39.8	35.0	36.8	35.7	26
70.7	77.8	96.8	373.5	412.9	391.8	109.9	108.0	108.1	357.0	376.6	370.1	291.0	298.0	295.6	27
30.3	30.2	37.3	153.5	168.6	162.6	67.0	66.4	66.7	180.4	191.1	188.3	153.3	155.2	154.2	28
30.3	35.0	35.2	184.3	195.4	185.7	41.7	42.4	42.3	170.1	181.1	178.9	119.4	114.7	114.2	29
0.3	0.2	0.1	22.7	25.1	24.2	4.9	4.7	4.8	20.6	21.0	21.0	17.1	19.5	18.3	30
4.0	5.0	5.0	16.9	17.4	17.3	3.1	3.2	3.1	10.4	17.4	17.4	10.2	10.4	10.4	31
0.5	0.1	0.1	24.3	24.9	23.8	4.0	4.2	4.7	17.3	17.7	17.7	19.3	19.5	19.3	32
2.1	2.1	2.0	8.4	8.2	8.1	2.1	2.4	2.3	0.0	8.1	8.1	5.5	5.4	5.4	33
3.7	3.6	5.6	26.5	26.5	25.9	3.0	3.0	3.0	10.3	18.6	18.3	16.1	17.5	17.2	34
13.7	13.4	13.3	70.4	74.2	69.6	17.8	17.8	17.7	63.4	64.7	62.5	54.5	55.6	54.9	35
13.3	13.4	13.3	73.0	76.9	72.1	18.0	17.9	17.9	62.8	63.9	61.8	50.9	52.3	51.6	36
37.0	41.1	(*)	169.0	183.4	(*)	38.9	39.1	(*)	119.1	121.9	(*)	197.0	206.2	(*)	37
0.4	7.3	(*)	23.6	25.1	(*)	4.9	4.9	(*)	15.9	16.3	(*)	39.2	39.3	(*)	38
0.0	0.1	(*)	28.5	29.9	(*)	10.5	11.1	(*)	20.4	21.0	(*)	44.9	46.7	(*)	39
7.1	8.8	(*)	38.9	41.9	(*)	8.1	8.2	(*)	30.0	30.0	(*)	26.5	27.6	(*)	40
12.1	12.3	12.0	52.9	54.7	52.8	8.7	8.9	8.9	42.6	46.1	46.5	56.1	57.2	56.7	41
1.5	1.6	1.6	6.0	6.4	6.4	1.1	1.1	1.2	4.5	5.1	5.2	5.3	5.8	5.8	42
4.1	4.3	4.2	12.6	13.2	13.0	2.2	2.2	2.2	9.5	9.8	9.7	6.4	6.3	6.3	43
70.0	71.6	70.2	314.6	327.6	319.3	69.8	66.6	66.5	235.2	243.2	240.9	261.5	281.6	281.1	44
3.7	3.5	5.5	28.3	29.9	29.2	8.6	8.5	8.6	22.2	22.7	22.8	26.9	27.5	27.7	45
0.0	7.0	7.2	36.5	38.1	37.7	6.5	6.8	6.8	27.7	25.6	25.3	35.8	39.7	39.8	46
10.8	10.9	20.5	84.7	86.1	84.7	19.0	18.3	18.2	58.2	59.7	58.8	60.0	64.1	63.7	47
10.2	10.6	16.8	80.9	70.0	67.7	19.0	18.8	18.8	55.8	55.9	55.1	47.0	49.0	48.5	48
272.3	266.0	285.8	1,055.9	1,122.5	1,084.4	251.7	257.2	257.1	747.5	768.3	770.4	801.7	840.8	835.6	49
3.7	0.0	6.0	19.5	20.5	19.6	3.0	3.1	3.1	11.3	11.4	11.4	10.1	10.5	10.3	50
3.0	5.7	5.7	32.4	34.2	33.7	9.1	9.5	9.5	23.7	26.7	26.7	65.4	67.3	66.3	51
7.8	9.0	9.8	25.7	27.9	26.8	4.4	4.5	4.5	19.2	19.5	19.4	17.1	18.0	17.9	52
3.7	0.0	6.1	25.9	25.7	25.2	4.7	4.9	4.9	10.2	16.5	16.5	22.4	22.5	22.2	53
75.2	74.6	74.0	284.4	299.4	288.4	83.7	84.6	83.9	183.8	187.5	186.8	142.4	145.5	144.2	54
7.7	9.9	9.9	32.4	32.6	32.9	6.0	6.0	6.0	19.2	20.4	20.5	26.5	26.5	26.5	55
6.0	5.5	5.7	10.1	11.2	11.0	3.8	4.2	4.1	0.6	8.9	8.9	15.5	15.7	15.7	56
30.7	79.1	75.0	231.3	245.3	239.8	60.0	61.4	61.8	187.3	190.3	190.1	116.7	127.1	126.9	57
4.5	4.8	4.7	20.5	22.5	22.3	3.5	3.5	3.4	12.3	13.5	12.6	15.2	16.0	15.9	58
13.5	14.0	14.0	70.1	80.9	80.1	21.4	21.8	21.5	52.8	54.1	53.8	85.6	86.5	86.2	59
2.0	2.8	2.8	12.6	13.1	12.8	3.3	3.3	3.3	11.6	11.7	11.7	9.8	10.0	10.0	60
2.3	2.2	2.2	11.0	11.5	11.1	1.9	1.9	2.0	0.6	7.1	7.1	10.8	10.8	10.8	61
27.2	(*)	(*)	102.4	(*)	(*)	20.3	(*)	(*)	77.8	(*)	(*)	110.1	(*)	(*)	62
22.0	(*)	(*)	77.3	(*)	(*)	16.8	(*)	(*)	47.4	(*)	(*)	81.6	(*)	(*)	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		
	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P
1 VERMONT .....	158.2	160.7	158.3	.7	.7	.7	5.7	6.5	5.2	40.0	39.6	39.0
2 Burlington <sup>1,7</sup> .....	40.3	42.3	40.8	-	-	-	-	-	-	9.1	9.4	9.3
3 Springfield <sup>1,7</sup> .....	13.3	12.4	12.2	-	-	-	-	-	-	6.2	5.6	5.5
4 VIRGINIA <sup>1,18</sup> .....	1,766.2	1,779.5	1,757.7	17.7	20.6	20.5	114.8	100.0	96.8	376.9	373.4	370.5
5 Bristol .....	23.5	23.8	23.6	(2)	(2)	(2)	.9	1.0	1.0	8.9	8.4	8.4
6 Lynchburg .....	59.9	60.3	60.0	(2)	(2)	(2)	2.9	3.0	3.0	26.1	25.5	25.5
7 Newport News—Hampton .....	124.8	127.1	125.4	(2)	(2)	(2)	6.7	6.0	5.6	31.5	31.4	31.3
8 Norfolk—Virginia Beach—Portsmouth .....	239.9	242.5	240.5	(2)	(2)	(2)	18.2	17.5	16.7	25.3	24.2	24.4
9 Northern Virginia <sup>1,19</sup> .....	338.3	344.7	339.9	.3	.3	.3	21.3	21.2	20.4	12.4	11.0	11.0
10 Richmond .....	274.1	272.9	271.2	.4	.4	.4	17.6	15.6	15.0	52.1	50.3	50.0
11 Roanoke .....	94.7	94.6	93.2	.2	.2	.2	6.0	5.9	5.5	21.6	21.3	21.1
12 WASHINGTON <sup>1</sup> .....	1,183.3	1,215.1	1,189.7	1.8	1.9	1.8	48.1	53.6	48.9	242.0	235.7	233.5
13 Seattle—Everett <sup>1</sup> .....	559.7	568.6	559.2	(2)	(2)	(2)	20.0	22.3	20.3	127.1	117.3	116.1
14 Spokane <sup>1</sup> .....	98.9	103.2	101.3	(2)	(2)	(2)	3.8	5.1	4.7	13.7	13.0	13.3
15 Tacoma <sup>1</sup> .....	112.7	117.0	114.5	(2)	(2)	(2)	4.6	4.5	4.1	19.9	20.6	20.2
16 WEST VIRGINIA <sup>1</sup> .....	567.5	565.2	559.6	56.4	63.1	63.2	29.9	25.6	24.7	125.3	118.0	118.7
17 Charleston .....	98.3	98.7	97.1	4.8	5.1	5.0	6.2	6.0	5.7	18.2	17.4	17.4
18 Huntington—Ashland .....	91.1	91.4	90.5	.6	.6	.6	4.0	4.0	3.9	28.4	27.8	27.8
19 Parkersburg—Marietta .....	51.5	50.4	50.0	.4	.4	.4	3.2	3.0	2.8	17.1	15.6	15.5
20 Wheeling .....	60.6	60.2	59.8	5.6	5.8	5.9	1.8	1.8	1.7	14.6	13.8	13.9
21 WISCONSIN <sup>1</sup> .....	1,645.0	1,690.8	1,648.2	2.0	2.4	1.9	51.1	53.8	48.2	511.4	498.5	496.1
22 Appleton—Oshkosh <sup>1</sup> .....	105.5	106.7	103.6	(2)	(2)	(2)	3.6	4.0	3.8	43.0	40.3	40.0
23 Green Bay <sup>1</sup> .....	63.8	67.3	65.7	(2)	(2)	(2)	2.7	3.0	2.7	18.8	19.2	19.0
24 Kenosha <sup>1</sup> .....	30.9	43.5	41.8	(2)	(2)	(2)	1.0	1.0	.9	14.1	19.6	18.8
25 La Crosse <sup>1</sup> .....	33.9	34.9	34.2	(2)	(2)	(2)	1.0	1.1	1.0	9.1	8.4	8.3
26 Madison <sup>1</sup> .....	135.7	142.3	136.0	(2)	(2)	(2)	5.1	5.6	5.0	16.1	15.7	15.6
27 Milwaukee <sup>1</sup> .....	595.9	600.5	588.1	(2)	(2)	(2)	16.7	17.5	15.6	203.2	195.6	194.6
28 Racine <sup>1</sup> .....	61.6	62.6	61.8	(2)	(2)	(2)	1.5	1.7	1.5	28.0	26.8	26.7
29 WYOMING .....	131.8	144.5	(*)	17.3	18.4	(*)	12.0	12.4	(*)	7.8	8.4	(*)
30 Casper .....	23.2	24.7	(*)	4.5	4.5	(*)	1.7	1.9	(*)	1.5	1.7	(*)
31 Cheyenne .....	22.5	24.0	(*)	(2)	(2)	(*)	1.4	1.8	(*)	1.6	1.5	(*)

<sup>1</sup> Revised to 1975 benchmark; not strictly comparable with previously published data.  
<sup>2</sup> Combined with services.  
<sup>3</sup> Combined with construction.  
<sup>4</sup> Area definition revised; data adjusted to 1975 benchmark. For details see opposite page.  
<sup>5</sup> Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area is included in data for District of Columbia.  
<sup>6</sup> Area included in Chicago—Gary Standard Consolidated Area.  
<sup>7</sup> Data do not include Federal employment in the Maryland sector of the Washington, D.C. Standard Metropolitan Statistical Area.  
<sup>8</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>9</sup> Subarea of New York—Northeastern New Jersey.  
<sup>10</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>11</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>12</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>13</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>14</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Philadelphia County.  
<sup>15</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>16</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>17</sup> Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.  
<sup>18</sup> Federal employment in the Virginia sector of the Washington Standard Metropolitan Statistical Area is included in Virginia.  
<sup>19</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun and Prince William Counties Virginia.  
 \* Not available  
 p= preliminary.

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

Transportation and public utilities			Wholesale and retail trade			Finance, insurance, and real estate			Services			Government			
JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	
8.1	7.8	7.6	32.3	34.2	32.7	6.4	6.6	6.5	35.2	34.6	36.7	29.9	31.0	30.1	1
2.0	2.0	2.0	8.5	9.2	8.7	-	-	-	5.3	8.7	8.8	-	-	-	2
.7	.7	.6	1.9	2.0	1.8	-	-	-	2.3	2.0	2.1	-	-	-	3
105.0	102.6	101.9	363.1	373.4	360.6	85.4	86.6	86.4	285.8	294.2	293.6	416.7	428.7	427.4	4
.9	1.0	1.0	4.6	5.0	4.9	1.0	1.1	1.1	3.1	3.2	3.2	4.2	4.1	4.0	5
2.5	2.4	2.4	5.8	10.4	10.0	2.9	3.0	3.0	0.2	8.5	8.6	7.5	7.5	7.5	6
4.7	4.6	4.6	22.2	22.9	22.1	4.1	4.1	4.1	25.4	22.3	22.1	35.2	35.8	35.6	7
16.9	16.1	16.2	58.3	59.3	58.1	12.1	12.0	12.0	35.8	41.6	41.6	69.3	71.8	71.5	8
25.5	24.4	24.5	79.6	83.7	80.0	21.0	21.4	21.2	75.0	75.5	75.5	105.2	107.2	107.0	9
17.5	17.4	17.5	61.7	63.1	61.5	22.0	22.3	22.3	44.3	45.0	45.5	57.9	58.8	59.0	10
10.8	10.3	10.3	21.5	22.1	21.6	5.1	5.4	5.4	10.4	16.3	15.9	13.1	13.1	13.2	11
71.2	69.4	70.3	271.2	294.2	278.4	64.6	66.8	66.4	210.4	221.0	218.9	274.0	272.5	271.5	12
38.0	37.7	36.4	129.4	140.2	134.3	38.9	39.9	39.6	100.2	105.2	105.2	105.5	106.0	105.3	13
7.9	7.2	7.1	26.9	28.7	27.7	6.1	6.3	6.3	21.9	23.1	22.7	19.1	19.8	19.5	14
5.0	5.4	5.2	25.9	28.5	27.5	5.6	5.5	5.5	22.0	23.3	23.2	29.1	29.2	28.8	15
40.5	38.5	38.6	111.0	113.3	108.5	18.1	18.2	18.2	70.2	80.1	80.2	107.5	108.1	107.5	16
9.2	9.2	9.1	22.5	23.4	22.4	4.3	4.3	4.3	15.7	15.9	15.9	17.4	17.6	17.2	17
0.0	0.1	0.1	18.6	19.3	18.8	3.4	3.4	3.4	12.4	12.6	12.6	15.0	15.5	15.2	18
2.5	2.3	2.3	11.6	12.1	11.8	1.7	1.7	1.7	7.4	7.7	7.7	7.9	7.7	7.9	19
3.0	3.7	3.7	13.7	14.1	13.7	2.6	2.6	2.6	11.7	11.5	11.6	6.9	7.0	6.8	20
81.1	82.6	80.4	363.4	391.1	368.7	72.5	73.8	73.8	282.3	296.2	291.9	281.2	292.5	287.1	21
4.1	4.1	4.0	20.5	22.9	21.1	4.1	4.1	4.1	15.7	16.3	16.1	14.6	14.9	14.5	22
4.4	4.6	4.4	15.8	16.8	16.1	1.9	2.0	2.0	10.9	12.1	11.8	9.4	9.5	9.6	23
1.3	1.4	1.2	7.2	7.8	7.4	.8	.8	.8	0.7	7.2	7.1	5.8	5.8	5.6	24
1.8	1.8	1.8	8.8	9.6	9.3	.9	.9	.9	7.0	7.2	7.1	5.4	5.8	5.8	25
5.3	5.2	5.1	20.5	31.7	29.4	8.5	9.2	9.1	22.6	23.6	23.6	49.6	51.3	48.2	26
50.3	49.7	49.3	120.7	134.4	127.1	32.4	32.4	32.6	100.8	113.5	111.6	75.8	77.5	77.3	27
2.0	2.4	2.2	11.4	12.0	11.6	1.7	1.6	1.6	5.3	9.6	9.5	7.8	8.6	8.5	28
12.0	12.4	(*)	26.9	30.8	(*)	4.6	4.8	(*)	15.0	18.7	(*)	32.2	38.6	(*)	29
1.9	1.8	(*)	5.3	6.4	(*)	.9	1.0	(*)	3.4	3.8	(*)	4.0	3.6	(*)	30
3.1	3.3	(*)	4.5	5.1	(*)	1.3	1.3	(*)	3.5	4.1	(*)	6.7	6.9	(*)	31

## Redefined areas

Bridgeport, Conn .....	Bridgeport and Shelton cities, and Easton, Fairfield, Monroe, Stratford, and Trumbull towns in Fairfield County; Derby and Milford cities in New Haven County.
Hartford, Conn .....	Hartford city, and Avon, Bloomfield, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Marlborough, Newington, Rocky Hill, Simsbury, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Colchester town in New London County; Andover, Bolton, Columbia, Coventry, Ellington, Hebron, Somers, Stafford, Tolland, Vernon, and Willington towns in Tolland County.
Manchester, N.H .....	Manchester city, and Bedford and Goffstown towns in Hillsborough County; Allenstown, Hooksett, and Pembroke towns in Merrimack County; Derry and Londonderry towns in Rockingham County.
New Britain, Conn .....	New Britain city and Berlin, Plainville, and Southington towns in Hartford County.
New Haven—West Haven, Conn .....	Clinton and Killingworth towns in Middlesex County; New Haven and West Haven cities, and Bethany, Branford, East Haven, Guilford, Hamden, Madison, North Branford, North Haven, Orange, Wallingford, and Woodbridge towns in New Haven County.
Providence—Warwick—Pawtucket, R.I. ....	Barrington, Bristol, and Warren towns in Bristol County, R.I.; Warwick city, and Coventry, East Greenwich, West Greenwich, and West Warwick towns in Kent County, R.I.; Jamestown and New Shoreham towns in Newport County, R.I.; Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Foster, Gloucester, Johnston, Lincoln, North Providence, North Smithfield, Scituate, and Smithfield towns in Providence County, R.I.; Exeter, Narragansett, North Kingstown, Richmond, and South Kingstown towns in Washington County, R.I.; Attleboro City, and North Attleboro, Norton, Rehoboth, and Seekonk towns in Bristol County, Mass.; Plainville town in Norfolk County, Mass.; Blackstone and Millville towns in Worcester County, Mass.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>
-	<b>TOTAL PRIVATE</b> .....	\$163.89	\$157.08	\$170.82	\$170.39	\$171.11	\$4.54	\$4.40	\$4.68	\$4.72	\$4.74
-	<b>MINING</b> .....	249.57	238.98	264.69	265.85	269.86	5.90	5.69	6.17	6.27	6.32
10	METAL MINING .....	250.72	244.85	265.15	269.45	-	6.13	5.90	6.42	6.54	-
101	Iron ores .....	271.35	254.99	284.60	294.98	-	6.34	5.93	6.76	6.86	-
102	Copper ores .....	248.14	245.41	264.27	267.70	-	6.33	6.12	6.64	6.76	-
11,12	<b>COAL MINING</b> .....	283.35	273.70	306.03	304.56	-	7.21	7.00	7.67	7.73	-
12	Bituminous coal and lignite mining .....	284.53	275.26	307.23	305.36	-	7.23	7.04	7.70	7.77	-
13	<b>OIL AND GAS EXTRACTION</b> .....	237.10	229.99	250.25	253.01	-	5.34	5.18	5.50	5.61	-
131,2	Crude petroleum and natural gas fields .....	246.84	245.53	258.13	273.19	-	6.05	5.75	6.25	6.52	-
138	Oil and gas field services .....	232.00	222.01	246.13	242.89	-	5.00	4.89	5.16	5.19	-
14	<b>NONMETALLIC MINERALS, EXCEPT FUELS</b> .....	213.09	193.02	219.60	213.03	-	4.91	4.64	5.06	5.06	-
142	Crushed and broken stone .....	210.98	192.04	207.10	201.20	-	4.85	4.54	4.85	4.86	-
-	<b>CONTRACT CONSTRUCTION</b> .....	265.35	250.99	275.62	270.72	272.66	7.25	7.07	7.51	7.52	7.47
15	GENERAL BUILDING CONTRACTORS .....	254.88	241.14	266.43	258.37	-	7.08	6.87	7.36	7.34	-
16	HEAVY CONSTRUCTION CONTRACTORS .....	261.10	233.23	261.97	259.11	-	6.61	6.17	6.70	6.61	-
161	Highway and street construction .....	251.77	215.45	238.16	234.43	-	6.31	5.73	6.17	5.95	-
162	Heavy construction, nec .....	268.13	243.32	278.48	272.92	-	6.84	6.42	7.05	6.98	-
17	<b>SPECIAL TRADE CONTRACTORS</b> .....	273.11	262.45	285.91	281.78	-	7.65	7.52	7.92	7.96	-
171	Plumbing, heating, air conditioning .....	288.70	283.46	303.62	303.20	-	7.74	7.62	7.99	8.00	-
172	Painting, paper hanging, decorating .....	242.89	233.56	252.89	245.48	-	7.02	6.91	7.33	7.22	-
173	Electrical work .....	309.67	301.76	324.05	324.11	-	8.28	8.09	8.55	8.62	-
174	Masonry, stonework, and plastering .....	248.52	223.20	259.07	241.47	-	7.60	7.49	7.78	7.84	-
176	Roofing and sheetmetal work .....	221.71	200.01	220.58	204.62	-	6.95	6.78	7.07	6.96	-
-	<b>MANUFACTURING</b> .....	189.51	180.73	204.00	200.30	200.30	4.81	4.67	5.00	5.02	5.02
19,24,25,32-39	<b>DURABLE GOODS</b> .....	205.09	195.53	222.73	216.41	217.22	5.14	4.95	5.38	5.37	5.39
20-23,26-31	<b>NONDURABLE GOODS</b> .....	168.78	159.05	179.20	178.48	177.64	4.35	4.23	4.48	4.53	4.52
	<b>DURABLE GOODS</b> .....										
19	<b>ORDNANCE AND ACCESSORIES</b> .....	216.00	207.17	232.13	227.29	230.18	5.23	4.98	5.54	5.49	5.56
192	Ammunition, except for small arms .....	214.93	206.64	233.50	227.61	(*)	5.32	5.04	5.64	5.62	(*)
1925	Complete guided missiles .....	244.77	240.03	257.72	250.48	-	5.97	5.77	6.21	6.20	-
1929	Ammunition, exc. for small arms, nec .....	175.87	169.68	191.17	188.85	-	4.43	4.20	4.64	4.64	-
24	<b>LUMBER AND WOOD PRODUCTS</b> .....	167.35	149.85	178.09	177.51	179.55	4.28	4.05	4.43	4.46	4.50
242	Sawmills and planing mills .....	163.07	146.12	175.39	176.11	(*)	4.16	3.96	4.32	4.37	(*)
2421	Sawmills and planing mills, general .....	168.95	151.66	182.29	183.37	-	4.31	4.11	4.49	4.55	-
243	Millwork, plywood and related products .....	173.71	160.27	184.40	182.82	(*)	4.42	4.24	4.61	4.64	(*)
2431	Millwork .....	170.87	161.45	181.76	177.95	-	4.37	4.26	4.59	4.61	-
2432	Veneer and plywood .....	176.71	156.83	188.85	190.54	-	4.44	4.16	4.64	4.67	-
244	Wooden containers .....	126.54	117.49	134.50	131.57	135.37	3.33	3.21	3.44	3.49	3.48
2441,2	Wooden boxes, shooks, and crates .....	122.42	110.31	129.15	127.09	-	3.23	3.09	3.32	3.38	-
249	Miscellaneous wood products .....	147.46	136.54	157.32	155.80	(*)	3.65	3.51	3.80	3.80	(*)
25	<b>FURNITURE AND FIXTURES</b> .....	142.13	130.68	154.39	149.38	149.77	3.75	3.64	3.85	3.86	3.87
251	Household furniture .....	133.48	119.02	147.13	141.64	(*)	3.55	3.42	3.66	3.66	(*)
2511	Wood household furniture .....	125.12	114.28	137.83	134.06	-	3.31	3.21	3.42	3.42	-
2512	Upholstered household furniture .....	142.10	121.88	160.75	148.97	-	3.82	3.66	3.94	3.91	-
2515	Mattresses and bedsprings .....	152.69	136.37	160.44	162.31	-	4.05	3.93	4.20	4.26	-
252	Office furniture .....	162.68	159.60	175.87	168.20	-	4.15	4.01	4.30	4.28	-
254	Partitions and fixtures .....	175.63	169.10	183.68	181.97	-	4.55	4.45	4.65	4.69	-
253,9	Other furniture and fixtures .....	157.82	152.02	169.78	168.68	166.50	4.11	3.99	4.32	4.37	4.37
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b> .....	198.53	185.87	208.98	204.12	205.44	4.89	4.67	5.06	5.04	5.06
321	Flat glass .....	244.82	229.37	289.49	267.34	-	6.06	5.72	6.52	6.35	-
322	Glass and glassware, pressed or blown .....	200.69	191.52	212.08	209.71	(*)	4.98	4.80	5.16	5.14	(*)
3221	Glass containers .....	210.74	200.65	220.81	215.95	-	5.14	4.93	5.27	5.28	-
3229	Pressed and blown glass, nec .....	187.15	178.87	199.20	200.56	-	4.75	4.61	4.98	4.94	-
324	Cement, hydraulic .....	262.06	244.96	277.03	277.85	(*)	6.33	5.96	6.79	6.81	(*)
325	Structural clay products .....	160.39	152.87	167.68	166.06	(*)	3.98	3.88	4.06	4.08	(*)
3251	Brick and structural clay tile .....	145.44	134.46	153.92	150.29	-	3.60	3.52	3.70	3.72	-
326	Pottery and related products .....	162.35	157.35	171.30	170.87	-	4.25	4.13	4.37	4.37	-
327	Concrete, gypsum, and plaster products .....	203.77	185.87	211.68	199.70	(*)	4.91	4.67	5.04	4.98	(*)
328,9	Other stone and nonmetallic mineral products .....	191.75	182.80	205.26	202.19	(*)	4.77	4.57	4.97	4.98	(*)
3291	Abrasive products .....	180.48	176.44	203.52	199.98	-	4.80	4.68	5.05	5.05	-

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>
—	TOTAL PRIVATE .....	36.1	35.7	36.5	36.1	36.1	—	—	—	—	—
—	MINING .....	42.3	42.0	42.9	42.4	42.7	—	—	—	—	—
10	METAL MINING .....	40.9	41.5	41.3	41.2	—	—	—	—	—	
101	Iron ores .....	42.8	43.0	42.1	43.0	—	—	—	—	—	
102	Copper ores .....	39.2	40.1	39.8	39.6	—	—	—	—	—	
11,12	COAL MINING .....	**39.3	39.1	39.9	39.4	—	—	—	—	—	
12	Bituminous coal and lignite mining .....	**39.2	39.1	39.9	39.3	—	—	—	—	—	
13	OIL AND GAS EXTRACTION .....	44.4	44.4	45.5	45.1	—	—	—	—	—	
131,2	Crude petroleum and natural gas fields .....	40.8	42.7	41.3	41.9	—	—	—	—	—	
138	Oil and gas field services .....	46.4	45.4	47.7	46.8	—	—	—	—	—	
14	NONMETALLIC MINERALS, EXCEPT FUELS .....	43.4	41.6	43.4	42.1	—	—	—	—	—	
142	Crushed and broken stone .....	43.5	42.3	42.7	41.4	—	—	—	—	—	
—	CONTRACT CONSTRUCTION .....	36.6	35.5	36.7	36.0	36.5	—	—	—	—	
15	GENERAL BUILDING CONTRACTORS .....	36.0	35.1	36.2	35.2	—	—	—	—	—	
16	HEAVY CONSTRUCTION CONTRACTORS .....	39.5	37.8	39.1	39.2	—	—	—	—	—	
161	Highway and street construction .....	39.9	37.6	38.6	39.4	—	—	—	—	—	
162	Heavy construction, nec .....	39.2	37.9	39.5	39.1	—	—	—	—	—	
17	SPECIAL TRADE CONTRACTORS .....	35.7	34.9	36.1	35.4	—	—	—	—	—	
171	Plumbing, heating, air conditioning .....	37.3	37.2	38.0	37.9	—	—	—	—	—	
172	Painting, paper hanging, decorating .....	34.6	33.8	34.5	34.0	—	—	—	—	—	
173	Electrical work .....	37.4	37.3	37.9	37.6	—	—	—	—	—	
174	Masonry, stonework, and plastering .....	32.7	29.8	33.3	30.8	—	—	—	—	—	
176	Roofing and sheet metal work .....	31.9	29.5	31.2	29.4	—	—	—	—	—	
—	MANUFACTURING .....	39.4	38.7	40.8	39.9	39.9	2.6	2.2	3.1	2.8	2.8
19,24,25, 32-39	DURABLE GOODS .....	39.9	39.5	41.4	40.3	40.3	2.5	2.3	3.1	2.7	2.7
20,23,26-31	NONDURABLE GOODS .....	38.8	37.6	40.0	39.4	39.3	2.7	2.1	3.2	2.9	2.8
	DURABLE GOODS .....										
19	ORDNANCE AND ACCESSORIES .....	41.3	41.6	41.9	41.4	41.4	2.7	3.0	2.6	2.6	—
192	Ammunition, except for small arms .....	40.4	41.0	41.4	40.5	(*)	2.2	2.5	2.3	2.0	—
1925	Complete guided missiles .....	41.0	41.6	41.5	40.4	—	—	—	—	—	
1929	Ammunition, exc. for small arms, nec. .....	39.7	40.4	41.2	40.7	—	—	—	—	—	
24	LUMBER AND WOOD PRODUCTS .....	39.1	37.0	40.2	39.8	39.9	3.0	2.1	3.4	3.1	—
242	Sawmills and planing mills .....	39.2	36.9	40.6	40.3	(*)	3.4	2.3	3.9	3.5	—
2421	Sawmills and planing mills, general .....	39.2	36.9	40.6	40.3	—	—	—	—	—	
243	Millwork, plywood and related products .....	39.3	37.8	40.0	39.4	(*)	2.7	1.8	3.0	2.6	
2431	Millwork .....	39.1	37.9	39.6	38.6	—	—	—	—	—	
2432	Veneer and plywood .....	39.8	37.7	40.7	40.8	—	—	—	—	—	
244	Wooden containers .....	38.0	36.6	39.1	37.7	38.9	2.0	1.7	2.4	1.1	
2441,2	Wooden boxes, shooks, and crates .....	37.9	35.7	38.9	37.6	—	—	—	—	—	
249	Miscellaneous wood products .....	40.4	38.9	41.4	41.0	(*)	3.2	2.6	3.8	3.5	
25	FURNITURE AND FIXTURES .....	37.9	35.9	40.1	38.7	38.7	1.7	.9	2.6	2.1	—
251	Household furniture .....	37.6	34.8	40.2	38.7	(*)	1.7	.6	2.7	2.1	—
2511	Wood household furniture .....	37.8	35.6	40.3	39.2	—	1.8	.9	2.8	2.4	—
2512	Upholstered household furniture .....	37.2	33.3	40.8	38.1	—	—	—	—	—	
2515	Mattresses and bedsprings .....	37.7	34.7	38.2	38.1	—	—	—	—	—	
252	Office furniture .....	39.2	39.8	40.9	39.3	—	1.9	2.4	2.1	1.7	
254	Partitions and fixtures .....	38.6	38.0	39.5	38.8	—	1.8	1.3	2.1	1.5	
253,9	Other furniture and fixtures .....	38.4	38.1	39.3	38.6	38.1	1.6	1.3	2.1	2.2	
32	STONE, CLAY, AND GLASS PRODUCTS .....	40.6	39.8	41.3	40.5	40.6	3.7	3.2	3.8	3.4	—
321	Flat glass .....	40.4	40.1	44.4	42.1	—	3.0	2.3	4.2	3.0	—
322	Glass and glassware, pressed or blown .....	40.3	39.9	41.1	40.8	(*)	4.0	3.5	4.1	3.9	
3221	Glass containers .....	41.0	40.7	41.9	40.9	—	—	—	—	—	
3229	Pressed and blown glass, nec .....	39.4	38.8	40.0	40.6	—	2.7	2.1	2.7	2.9	
324	Cement, hydraulic .....	41.4	41.1	40.8	40.8	(*)	2.8	2.6	2.2	2.4	
325	Structural clay products .....	40.3	39.4	41.3	40.7	(*)	3.3	2.8	3.6	3.5	
3251	Brick and structural clay tile .....	40.4	38.2	41.6	40.4	—	—	—	—	—	
326	Pottery and related products .....	38.2	38.1	39.2	39.1	—	1.8	1.7	1.9	2.2	
327	Concrete, gypsum and plaster products .....	41.5	39.8	42.0	40.1	(*)	4.9	4.0	4.8	3.8	
328,9	Other stone and nonmetallic mineral products .....	40.2	40.0	41.3	40.6	(*)	2.9	2.9	3.2	3.1	
3291	Abrasive products .....	37.6	37.7	40.3	39.6	—	—	—	—	—	

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>											
33	<b>PRIMARY METAL INDUSTRIES</b>	\$246.80	\$240.17	\$263.09	\$261.30	\$261.70	\$6.17	\$5.93	\$6.48	\$6.50	\$6.51
331	Blast furnace and basic steel products	273.14	271.06	288.86	291.51	(*)	6.95	6.66	7.35	7.38	(*)
3312	Blast furnaces and steel mills	278.71	276.08	294.81	297.86	—	7.11	6.80	7.54	7.56	—
332	Iron and steel foundries	220.99	208.92	241.78	236.74	(*)	5.47	5.21	5.84	5.86	(*)
3321	Gray iron foundries	224.32	207.77	250.62	242.81	—	5.58	5.26	6.01	6.04	—
3322	Malleable iron foundries	225.43	213.46	241.10	242.65	—	5.81	5.53	6.23	6.27	—
3323	Steel foundries	212.28	209.58	222.91	221.20	—	5.14	4.99	5.32	5.33	—
333.4	Nonferrous metals	243.76	237.38	256.87	258.55	(*)	5.96	5.72	6.16	6.23	(*)
3334	Primary aluminum	272.49	265.86	281.82	281.89	—	6.63	6.33	6.71	6.76	—
335	Nonferrous rolling and drawing	225.50	211.82	244.92	239.20	240.61	5.50	5.23	5.79	5.75	5.77
3351	Copper rolling and drawing	223.44	210.54	246.96	243.34	—	5.49	5.29	5.77	5.78	—
3352	Aluminum rolling and drawing	233.21	213.84	255.25	248.71	—	5.73	5.40	6.02	5.95	—
3357	Nonferrous wire drawing and insulating	224.80	213.73	240.51	237.64	—	5.43	5.15	5.74	5.74	—
336	Nonferrous foundries	190.03	182.66	208.28	201.89	(*)	4.86	4.72	5.08	5.06	(*)
3361	Aluminum castings	193.83	184.99	215.48	208.28	—	4.78	4.78	5.23	5.22	—
3362.9	Other nonferrous castings	185.42	179.96	200.00	194.71	—	4.73	4.65	4.89	4.88	—
339	Miscellaneous primary metal products	240.76	236.24	254.62	255.63	(*)	5.93	5.72	6.18	6.25	(*)
3391	Iron and steel forgings	252.94	247.99	266.83	268.77	—	6.23	5.99	6.54	6.62	—
34	<b>FABRICATED METAL PRODUCTS</b>	201.60	190.24	220.59	214.65	215.59	5.04	4.78	5.29	5.30	5.31
341	Metal cans	276.28	249.60	294.36	288.72	(*)	6.44	6.00	6.69	6.73	(*)
342	Cutlery, hand tools, and hardware	187.07	176.46	204.72	202.00	(*)	4.76	4.49	5.03	5.05	(*)
3421,3.5	Cutlery and hand tools, incl. saws	177.18	171.78	190.41	189.67	—	4.52	4.36	4.69	4.73	—
3429	Hardware, nec.	195.42	180.32	215.95	210.67	—	4.96	4.60	5.28	5.28	—
343	Plumbing and heating, except electric	178.99	167.75	191.53	188.47	(*)	4.52	4.38	4.66	4.70	(*)
3431,2	Sanitary ware and plumbers' brass goods	180.52	167.01	194.28	188.18	—	4.57	4.43	4.75	4.74	—
3433	Heating equipment, except electric	177.86	168.78	189.11	188.73	—	4.48	4.35	4.59	4.66	—
344	Fabricated structural metal products	202.61	194.00	219.34	211.58	211.05	5.04	4.85	5.26	5.25	5.25
3441	Fabricated structural steel	216.22	205.67	231.32	223.72	—	5.21	4.98	5.43	5.43	—
3442	Metal doors, sash, and trim	161.41	154.95	171.65	166.06	—	4.16	4.11	4.27	4.28	—
3443	Fabricated plate work (boiler shops)	216.52	206.55	239.14	229.04	—	5.32	5.05	5.64	5.60	—
3444	Sheet metal work	205.02	197.96	219.64	212.31	—	5.23	5.05	5.45	5.43	—
3446.9	Architectural and misc. metal work	188.80	178.69	206.71	199.92	—	4.72	4.57	4.91	4.90	—
345	Screw machine products, bolts, etc.	189.91	185.54	206.14	204.32	(*)	4.82	4.65	5.04	5.07	(*)
3451	Screw machine products	182.95	180.14	194.47	191.92	—	4.62	4.47	4.79	4.81	—
3452	Bolts, nuts, rivets, and washers	195.89	190.39	216.60	215.59	—	5.01	4.82	5.27	5.31	—
346	Metal stampings	221.60	195.78	258.50	242.57	(*)	5.54	5.02	5.97	5.96	(*)
347	Metal services, nec.	165.06	161.46	175.01	173.96	(*)	4.20	4.14	4.30	4.36	(*)
348	Miscellaneous fabricated wire products	176.57	171.07	187.52	186.13	(*)	4.47	4.32	4.63	4.63	(*)
349	Miscellaneous fabricated metal products	198.90	192.78	213.00	210.42	208.06	4.96	4.76	5.17	5.17	5.15
3494.8	Valves, pipe, and pipe fittings	207.87	202.78	223.10	220.71	—	5.12	4.91	5.35	5.37	—
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	219.22	215.07	236.60	230.16	230.27	5.36	5.17	5.62	5.60	5.63
351	Engines and turbines	243.00	244.78	262.06	255.78	254.92	6.00	5.87	6.33	6.30	6.31
3511	Steam engines and turbines	224.62	213.06	250.49	233.16	—	5.56	5.30	5.88	5.80	—
3519	Internal combustion engines, nec.	251.72	258.88	267.49	266.42	—	6.20	6.12	6.54	6.53	—
352	Farm machinery	232.56	223.18	255.13	250.66	—	5.70	5.47	6.06	6.04	—
353	Construction and related machinery	234.32	229.69	250.67	242.84	(*)	5.66	5.43	5.94	5.88	(*)
3531,2	Construction and mining machinery	249.90	246.34	264.21	254.80	—	6.11	5.81	6.46	6.37	—
3533	Oil field machinery	224.84	219.18	245.85	239.56	—	5.11	4.97	5.31	5.30	—
3535,6	Conveyors, hoists, cranes, monorails	217.05	205.84	239.76	233.37	—	5.23	4.96	5.55	5.53	—
3537	Industrial trucks and tractors	190.68	192.06	199.18	198.92	—	4.94	4.85	5.16	5.14	—
354	Metal working machinery	226.46	226.19	245.07	239.87	240.70	5.51	5.36	5.78	5.78	5.80
3541	Machine tools, metal cutting types	232.68	240.89	246.19	237.89	—	5.54	5.45	5.82	5.76	—
3544	Special dies, tools, jigs and fixtures	244.95	244.82	269.01	264.31	—	5.86	5.72	6.17	6.19	—
3545	Machine tool accessories	204.40	202.86	217.30	215.46	—	5.11	4.96	5.30	5.32	—
3542,8	Miscellaneous metal working machinery	203.89	199.98	221.20	212.80	—	5.11	4.95	5.33	5.32	—
355.	Special industry machinery	198.28	194.28	217.24	209.82	(*)	4.92	4.75	5.16	5.13	(*)
3551	Food products machinery	208.17	203.36	226.08	215.87	—	5.14	4.96	5.37	5.33	—
3552	Textile machinery	161.82	156.77	180.94	173.96	—	4.16	4.03	4.36	4.36	—
3555	Printing trades machinery	202.61	206.26	217.35	211.05	—	5.04	4.97	5.25	5.25	—
356	General industrial machinery	219.22	212.59	236.18	227.11	227.11	5.36	5.16	5.61	5.58	5.58
3561	Pumps and compressors	218.06	211.93	240.50	224.81	—	5.28	5.07	5.58	5.51	—
3562	Ball and roller bearings	228.22	222.07	237.89	232.88	—	5.58	5.39	5.76	5.75	—
3564	Blowers and fans	199.10	179.83	222.56	211.97	—	4.99	4.72	5.20	5.17	—
3566	Power transmission equipment	223.33	222.72	236.03	228.52	—	5.33	5.12	5.58	5.56	—
357	Office and computing machines	205.00	197.55	220.58	215.39	(*)	5.00	4.83	5.19	5.19	(*)
3573	Electronic computing equipment	213.41	203.84	231.88	225.42	—	5.13	4.90	5.38	5.38	—
358	Service industry machines	189.24	179.10	209.71	204.32	(*)	4.84	4.64	5.09	5.07	(*)
3585	Refrigeration machinery	189.34	176.18	214.11	208.49	—	4.83	4.60	5.11	5.11	—
359	Miscellaneous machinery, except electrical	212.80	214.77	226.38	223.30	224.13	5.14	4.96	5.39	5.42	5.44

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours					
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	
	<b>DURABLE GOODS—Continued</b>											
33	<b>PRIMARY METAL INDUSTRIES</b>	40.0	40.5	40.6	40.2	40.2	2.6	2.8	2.8	2.8	--	
331	Blast furnace and basic steel products	39.3	40.7	39.3	39.5	(*)	1.9	2.5	1.8	1.9	--	
3312	Blast furnaces and steel mills	39.2	40.6	39.1	39.4	--	1.8	2.3	1.7	1.9	--	
332	Iron and steel foundries	40.4	40.1	41.4	40.4	(*)	3.5	3.5	3.7	3.5	--	
3321	Gray iron foundries	40.2	39.5	41.7	40.2	--	3.5	3.3	3.8	3.5	--	
3322	Malleable iron foundries	38.8	38.6	38.7	38.7	--	--	--	--	--	--	
3323	Steel foundries	41.3	42.0	41.9	41.5	--	3.9	4.1	3.9	3.5	--	
333,4	Nonferrous metals	40.9	41.5	41.7	41.5	(*)	3.2	3.5	3.4	3.5	--	
3334	Primary aluminum	41.1	42.0	42.0	41.7	--	--	--	--	--	--	
335	Nonferrous rolling and drawing	41.0	40.5	42.3	41.6	41.7	3.3	2.7	4.0	3.6	--	
3351	Copper rolling and drawing	40.7	39.8	42.8	42.1	--	--	--	--	--	--	
3352	Aluminum rolling and drawing	40.7	39.6	42.4	41.8	--	3.4	2.5	4.6	3.8	--	
3357	Nonferrous wire drawing and insulating	41.4	41.5	41.9	41.4	--	3.5	3.3	3.7	3.3	--	
336	Nonferrous foundries	39.1	38.7	41.0	39.9	(*)	2.1	1.9	3.0	2.5	--	
3361	Aluminum castings	39.0	38.7	41.2	39.9	--	--	--	--	--	--	
3362,9	Other nonferrous castings	39.2	38.7	40.9	39.9	--	--	--	--	--	--	
339	Miscellaneous primary metal products	40.6	41.3	41.2	40.9	(*)	3.6	4.1	3.7	3.8	--	
3391	Iron and steel forgings	40.6	41.4	40.8	40.6	--	--	--	--	--	--	
34	<b>FABRICATED METAL PRODUCTS</b>	40.0	39.8	41.7	40.5	40.6	2.6	2.4	3.1	2.8	--	
341	Metal cans	42.9	41.6	44.0	42.9	(*)	3.6	3.2	3.0	3.2	--	
342	Cutlery, hand tools, and hardware	39.3	39.3	40.7	40.0	(*)	2.0	1.9	2.6	2.5	--	
3421,3,5	Cutlery and hand tools, incl. saws	39.2	39.4	40.6	40.1	--	--	--	--	--	--	
3429	Hardware, nec	39.4	39.2	40.9	39.9	--	--	--	--	--	--	
343	Plumbing and heating, except electric	39.6	38.3	41.1	40.1	(*)	2.3	1.2	3.2	2.4	--	
3431,2	Sanitary ware and plumbers' brass goods	39.5	37.7	40.9	39.7	--	--	--	--	--	--	
3433	Heating equipment, except electric	39.7	38.8	41.2	40.5	--	--	--	--	--	--	
344	Fabricated structural metal products	40.2	40.0	41.7	40.3	40.2	2.8	2.6	3.4	2.6	--	
3441	Fabricated structural steel	41.5	41.3	42.6	41.2	--	3.6	3.4	3.8	3.2	--	
3442	Metal doors, sash, and trim	38.8	37.7	40.2	38.8	--	--	--	--	--	--	
3443	Fabricated plate work (boiler shops)	40.7	40.9	42.4	40.9	--	3.2	3.3	4.0	3.0	--	
3444	Sheet metal work	39.2	39.2	40.3	39.1	--	--	--	--	--	--	
3446,9	Architectural and misc. metal work	40.0	39.1	42.1	40.8	--	--	--	--	--	--	
345	Screw machine products, bolts, etc	39.4	39.9	40.9	40.3	(*)	2.1	2.8	2.4	2.4	--	
3451	Screw machine products	39.6	40.3	40.6	39.9	--	--	--	--	--	--	
3452	Bolts, nuts, rivets, and washers	39.1	39.5	41.1	40.6	--	--	--	--	--	--	
346	Metal stampings	40.0	39.0	43.3	40.7	(*)	2.4	1.9	3.0	3.3	--	
347	Metal services, nec	39.3	39.0	40.7	39.9	(*)	2.9	3.0	3.3	3.1	--	
348	Miscellaneous fabricated wire products	39.5	39.6	40.5	40.2	(*)	2.2	2.3	2.8	2.7	--	
349	Miscellaneous fabricated metal products	40.1	40.5	41.2	40.7	40.4	2.7	2.8	3.1	2.9	--	
3494,8	Valves, pipe, and pipe fittings	40.6	41.3	41.7	41.1	--	--	--	--	--	--	
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	40.9	41.6	42.1	41.1	40.9	3.0	3.4	3.5	2.9	--	
351	Engines and turbines	40.5	41.7	41.4	40.6	40.4	3.1	4.1	3.9	2.9	--	
3511	Steam engines and turbines	40.4	40.2	42.6	40.2	--	--	--	--	--	--	
3519	Internal combustion engines, nec	40.6	42.3	40.9	40.8	--	--	--	--	--	--	
352	Farm machinery	40.8	40.8	42.1	41.5	--	3.0	3.4	2.8	3.4	--	
353	Construction and related machinery	41.4	42.3	42.2	41.3	(*)	3.3	3.8	3.5	3.0	--	
3531,2	Construction and mining machinery	40.9	42.4	40.9	40.0	--	3.0	3.7	2.7	2.0	--	
3533	Oil field machinery	44.0	44.1	46.3	45.2	--	--	--	--	--	--	
3535,6	Conveyors, hoists, cranes, monorails	41.5	41.5	43.2	42.2	--	--	--	--	--	--	
3537	Industrial trucks and tractors	38.6	39.6	38.6	38.7	--	--	--	--	--	--	
354	Metal working machinery	41.1	42.2	42.4	41.5	41.5	3.3	4.1	3.9	3.4	--	
3541	Machine tools, metal cutting types	42.0	44.2	42.3	41.3	--	3.8	5.5	3.5	2.7	--	
3544	Special dies, tools, jig and fixtures	41.8	42.8	43.6	42.7	--	--	--	--	--	--	
3545	Machine tool accessories	40.0	40.9	41.0	40.5	--	2.5	3.3	2.4	2.8	--	
3542,8	Miscellaneous metal working machinery	39.9	40.4	41.5	40.0	--	--	--	--	--	--	
355	Special industry machinery	40.3	40.9	42.1	40.9	(*)	2.6	3.2	3.4	2.7	--	
3551	Food products machinery	40.5	41.0	42.1	40.5	--	--	--	--	--	--	
3552	Textile machinery	38.9	38.9	41.5	39.9	--	--	--	--	--	--	
3555	Printing trades machinery	40.2	41.5	41.4	40.2	--	--	--	--	--	--	
356	General industrial machinery	40.9	41.2	42.1	40.7	40.7	3.1	3.4	3.6	2.5	--	
3561	Pumps and compressors	41.3	41.8	43.1	40.8	--	3.4	3.7	4.6	2.6	--	
3562	Ball and roller bearings	40.9	41.2	41.3	40.5	--	3.0	3.5	3.1	2.4	--	
3564	Blowers and fans	39.9	38.1	42.8	41.0	--	--	--	--	--	--	
3566	Power transmission equipment	41.9	43.5	42.3	41.1	--	4.1	4.8	3.8	2.5	--	
357	Office and computing machines	41.0	40.9	42.5	41.5	(*)	2.0	1.9	3.1	2.3	--	
3573	Electronic computing equipment	41.6	41.6	43.1	41.9	--	--	--	--	--	--	
358	Service industry machines	39.1	38.6	41.2	40.3	(*)	1.3	.9	2.5	2.0	--	
3585	Refrigeration machinery	39.2	38.3	41.9	40.8	--	1.1	.6	2.6	2.1	--	
359	Miscellaneous machinery, except electrical	41.4	43.3	42.0	41.2	41.2	3.6	4.1	3.7	3.5	--	

See footnotes at end of table.



ESTABLISHMENT DATA  
HOURS AND EARNINGS

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>
	<b>DURABLE GOODS—Continued</b>										
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	\$180.91	\$173.21	\$194.55	\$190.32	\$188.89	\$4.58	\$4.43	\$4.78	\$4.77	\$4.77
361	Electric test and distributing equipment	185.65	178.99	199.26	195.42	(*)	4.70	4.52	4.92	4.91	(*)
3611	Electric measuring instruments	163.80	152.47	190.16	188.33	—	4.20	3.95	4.79	4.78	—
3612	Transformers	182.60	175.63	193.70	189.60	—	4.67	4.55	4.69	4.67	—
3613	Switchgear and switchboard apparatus	204.91	203.86	210.71	205.25	—	5.11	4.96	5.19	5.17	—
362	Electrical industrial apparatus	183.20	178.04	196.66	193.92	(*)	4.58	4.44	4.82	4.80	(*)
3621	Motors and generators	185.32	176.17	205.43	202.46	—	4.61	4.46	4.95	4.95	—
3622	Industrial controls	175.72	174.12	181.76	176.51	—	4.46	4.31	4.59	4.48	—
363	Household appliances	179.66	170.94	190.82	187.53	(*)	4.56	4.44	4.70	4.70	(*)
3632	Household refrigerators and freezers	188.16	183.08	204.35	201.55	—	4.80	4.60	4.96	4.94	—
3633	Household laundry equipment	208.54	198.92	209.83	213.29	—	5.32	5.14	5.45	5.44	—
3634	Electric housewares and fans	154.45	149.69	161.60	160.39	—	3.94	3.96	4.02	4.04	—
364	Electric lighting and wiring equipment	170.04	164.01	181.40	179.90	179.50	4.36	4.26	4.49	4.52	4.51
3641	Electric lamps	176.40	167.88	183.92	189.98	—	4.41	4.25	4.53	4.60	—
3642	Lighting fixtures	173.18	164.37	190.07	188.89	—	4.51	4.36	4.74	4.77	—
3643,4	Wiring devices	163.74	160.93	173.75	168.17	—	4.22	4.18	4.29	4.29	—
365	Radio and TV receiving equipment	163.58	154.91	178.35	174.09	(*)	4.26	4.12	4.47	4.51	(*)
366	Communication equipment	206.28	196.52	225.36	216.11	217.20	5.17	4.95	5.47	5.43	5.43
3661	Telephone and telegraph apparatus	206.32	194.43	228.48	219.38	—	5.21	4.96	5.60	5.54	—
3662	Radio and TV communication equipment	207.03	198.50	222.73	213.86	—	5.15	4.95	5.38	5.36	—
367	Electronic components and accessories	152.10	145.14	160.00	159.60	158.80	3.89	3.76	3.99	4.01	4.01
3671,3	Electron tubes	191.50	185.14	196.71	203.20	—	4.74	4.56	4.98	4.92	—
3674,9	Other electronic components	146.26	139.03	154.77	153.65	—	3.76	3.63	3.85	3.88	—
369	Miscellaneous electrical equip. and supplies	211.29	197.90	236.13	222.35	222.63	5.23	5.01	5.53	5.49	5.47
3694	Engine electrical equipment	223.51	205.39	254.88	232.22	—	5.56	5.28	5.90	5.82	—
37	<b>TRANSPORTATION EQUIPMENT</b>	242.61	223.88	277.33	259.08	263.27	6.02	5.77	6.39	6.35	6.39
371	Motor vehicles and equipment	262.68	237.00	312.81	284.00	(*)	6.47	6.14	6.89	6.86	(*)
3711	Motor vehicles	273.51	246.46	330.08	293.34	—	6.77	6.52	7.16	7.12	—
3712	Passenger car bodies	295.73	269.35	370.80	320.21	—	7.32	6.96	7.94	7.81	—
3713	Truck and bus bodies	199.29	187.59	222.08	216.22	—	5.02	4.81	5.25	5.25	—
3714	Motor vehicle parts and accessories	260.57	235.41	304.65	281.48	—	6.34	5.99	6.74	6.71	—
3715	Truck trailers	178.70	165.60	193.85	194.66	—	4.74	4.50	4.92	5.03	—
372	Aircraft and parts <sup>†</sup>	246.19	230.11	265.65	258.32	(*)	5.99	5.71	6.31	6.27	(*)
3721	Aircraft <sup>†</sup>	250.48	229.49	269.15	266.98	—	6.20	5.93	6.47	6.48	—
3722	Aircraft engines and engine parts <sup>†</sup>	249.64	239.78	271.12	256.63	—	6.03	5.75	6.44	6.29	—
3723,9	Other aircraft parts and equipment <sup>†</sup>	231.29	220.18	250.99	242.60	—	5.52	5.23	5.81	5.79	—
373	Ship and boat building and repairing	205.93	188.87	221.27	215.03	(*)	5.24	5.05	5.41	5.43	(*)
3731	Ship building and repairing	217.09	197.69	233.86	227.30	—	5.51	5.30	5.69	5.74	—
3732	Boat building and repairing	163.74	154.28	172.37	171.90	—	4.22	4.06	4.32	4.33	—
374	Railroad equipment	247.85	249.06	260.89	(*)	—	6.15	5.93	6.41	(*)	—
375,9	Other transportation equipment	160.44	146.32	165.12	163.40	—	4.20	4.11	4.30	4.30	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	180.12	173.71	193.87	190.48	192.23	4.56	4.42	4.74	4.75	4.77
381	Engineering and scientific instruments	193.84	184.86	207.41	204.18	—	4.81	4.61	5.01	4.98	—
382	Mechanical measuring and control devices	172.82	165.29	185.09	180.12	179.66	4.42	4.26	4.57	4.56	4.56
3821	Mechanical measuring devices	178.35	168.17	193.34	188.20	—	4.47	4.29	4.67	4.67	—
3822	Automatic temperature controls	162.81	159.56	171.99	166.55	—	4.33	4.21	4.41	4.36	—
383,5	Optical and ophthalmic goods	163.17	158.00	171.28	169.12	170.77	4.11	4.00	4.25	4.26	4.28
385	Ophthalmic goods	148.97	144.74	152.09	153.66	—	3.81	3.74	3.87	3.93	—
384	Medical instruments and supplies	157.14	152.87	168.04	163.07	(*)	4.05	3.95	4.18	4.16	(*)
386	Photographic equipment and supplies	231.01	224.22	257.37	255.42	(*)	5.69	5.55	6.07	6.14	(*)
387	Watches, clocks, and watchcases	144.32	140.14	151.58	153.97	—	3.71	3.64	3.78	3.83	—
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	145.16	139.88	155.24	152.45	153.64	3.79	3.73	3.94	3.97	3.97
391	Jewelry, silverware, and plated ware	155.47	147.36	169.30	157.41	(*)	4.07	3.94	4.17	4.11	(*)
394	Toys and sporting goods	134.05	128.34	143.15	143.61	—	3.50	3.45	3.68	3.73	—
3941,3	Games, toys, dolls and play vehicles	129.79	123.91	136.70	136.86	—	3.38	3.34	3.56	3.64	—
3949	Sporting and athletic goods, nec	138.68	131.32	149.33	150.11	—	3.64	3.53	3.79	3.81	—
395	Pens, pencils, office and art supplies	150.05	144.35	158.98	156.39	—	3.77	3.73	3.84	3.90	—
396	Costume jewelry and notions	125.66	121.51	126.75	127.65	—	3.36	3.32	3.38	3.45	—
393,9	Other manufacturing industries	157.47	151.24	168.30	165.17	166.49	4.09	3.98	4.25	4.29	4.28
393	Musical instruments and parts	148.23	135.41	161.60	155.60	—	3.85	3.72	3.99	4.00	—
	<b>NONDURABLE GOODS</b>										
20	<b>FOOD AND KINDRED PRODUCTS</b>	184.17	175.03	194.28	193.92	191.04	4.57	4.42	4.75	4.80	4.80
201	Meat products	188.65	188.80	199.92	205.00	(*)	4.74	4.72	4.90	5.00	(*)
2011.	Meat packing plants	231.69	234.05	244.11	252.36	—	5.61	5.52	5.84	5.91	—
2013	Sausages and other prepared meats	222.75	215.34	238.88	236.98	—	5.50	5.37	5.77	5.78	—
2015	Poultry dressing plants	111.97	105.27	122.70	122.75	—	3.01	2.90	3.13	3.18	—

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan., P 1976	Feb., P 1976	Avg. 1975	Jan. 1975	Dec. 1975	Jan., P 1976	Feb., P 1976
<b>DURABLE GOODS—Continued</b>											
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	39.5	39.1	40.7	39.9	39.6	1.8	1.5	2.4	2.0	—
361	Electric test and distributing equipment	39.5	39.6	40.5	39.8	(*)	1.8	2.0	2.2	1.6	—
3611	Electric measuring instruments	39.0	38.6	39.7	39.4	—	1.4	1.4	1.7	1.7	—
3612	Transformers	39.1	38.6	41.3	40.6	—	—	—	—	—	—
3613	Switchgear and switchboard apparatus	40.1	41.1	40.6	39.7	—	—	—	—	—	—
362	Electrical industrial apparatus	40.0	40.1	40.8	40.4	(*)	2.1	2.3	2.6	2.3	—
3621	Motors and generators	40.2	39.5	41.5	40.9	—	2.4	2.1	3.3	2.9	—
3622	Industrial controls	39.4	40.4	39.6	39.4	—	1.7	2.3	1.5	1.2	—
363	Household appliances	39.4	38.5	40.6	39.9	(*)	1.8	1.3	2.4	1.8	—
3632	Household refrigerators and freezers	39.2	39.8	41.2	40.8	—	—	—	—	—	—
3633	Household laundry equipment	39.2	38.7	38.5	38.5	—	—	—	—	—	—
3634	Electric housewares and fans	39.2	37.8	40.2	39.7	—	1.8	1.0	2.4	1.8	—
364	Electric lighting and wiring equipment	39.0	38.5	40.4	39.8	39.8	1.5	1.2	2.2	1.9	—
3641	Electric lamps	40.0	39.5	40.6	41.3	—	1.7	1.8	1.9	2.9	—
3642	Lighting fixtures	38.4	37.7	40.1	39.6	—	1.6	1.0	2.4	2.0	—
3643,4	Wiring devices	38.8	38.5	40.5	39.2	—	1.4	1.0	2.1	1.4	—
365	Radio and TV receiving equipment	38.4	37.6	39.9	38.6	(*)	1.0	.2	2.0	1.2	—
366	Communication equipment	39.9	39.7	41.2	39.8	40.0	1.8	1.5	2.5	2.0	—
3661	Telephone and telegraph apparatus	39.6	39.2	40.8	39.6	—	—	—	—	—	—
3662	Radio and TV communication equipment	40.2	40.1	41.4	39.9	—	2.1	1.8	2.8	2.2	—
367	Electronic components and accessories	39.1	38.6	40.1	39.8	39.6	1.7	1.3	2.3	2.0	—
3671,3	Electron tubes	40.4	40.6	39.5	41.3	—	2.0	1.8	2.2	2.9	—
3674,9	Other electronic components	38.9	38.3	40.2	39.6	—	1.7	1.3	2.3	1.9	—
369	Miscellaneous electrical equip. and supplies	40.4	39.5	42.7	40.5	40.7	2.3	1.6	3.3	2.6	—
3694	Engine electrical equipment	40.2	38.9	43.2	39.9	—	—	—	—	—	—
37	<b>TRANSPORTATION EQUIPMENT</b>	40.3	38.8	43.4	40.8	41.2	2.6	1.8	3.8	3.3	—
371	Motor vehicles and equipment	40.6	38.6	45.4	41.4	(*)	2.6	1.0	4.5	3.9	—
3711	Motor vehicles	40.4	37.8	46.1	41.2	—	2.5	.5	4.5	3.6	—
3712	Passenger car bodies	40.4	38.7	46.7	41.0	—	—	—	—	—	—
3713	Truck and bus bodies	39.7	39.0	42.3	41.5	—	—	—	—	—	—
3714	Motor vehicle parts and accessories	41.1	39.3	45.2	41.7	—	2.9	1.4	4.5	4.3	—
3715	Truck trailers	37.7	36.8	39.4	38.7	—	—	—	—	—	—
372	Aircraft and parts	41.1	40.3	42.1	41.2	(*)	2.9	2.9	3.4	2.8	—
3721	Aircraft	40.4	38.7	41.6	41.2	—	2.2	2.0	2.7	2.7	—
3722	Aircraft engines and engine parts	41.4	41.7	42.1	40.8	—	3.6	3.5	4.2	2.3	—
3723,9	Other aircraft parts and equipment	41.9	42.1	43.2	41.9	—	3.7	3.9	3.9	3.4	—
373	Ship and boat building and repairing	39.3	37.4	40.9	39.6	(*)	2.8	2.7	3.0	2.5	—
3731	Ship building and repairing	39.4	37.3	41.1	39.6	—	—	—	—	—	—
3732	Boat building and repairing	38.8	38.0	39.9	39.7	—	—	—	—	—	—
374	Railroad equipment	40.3	42.0	40.7	(*)	—	2.5	2.8	2.7	(*)	—
375,9	Other transportation equipment	38.2	35.6	38.4	38.0	—	1.6	1.1	1.6	1.8	—
38	<b>INSTRUMENTS AND RELATED PRODUCTS</b>	39.5	39.3	40.9	40.1	40.3	1.8	1.6	2.5	2.2	—
381	Engineering and scientific instruments	40.3	40.1	41.4	41.0	—	2.5	2.1	2.8	2.3	—
382	Mechanical measuring and control devices	39.1	38.8	40.5	39.5	39.4	1.7	1.0	2.5	2.0	—
3821	Mechanical measuring devices	39.9	39.2	41.4	40.3	—	2.1	1.4	2.9	2.4	—
3822	Automatic temperature controls	37.6	37.9	39.0	38.2	—	1.1	.3	1.9	1.4	—
383,5	Optical and ophthalmic goods	39.7	39.5	40.3	39.7	39.9	1.7	1.3	2.3	1.7	—
385	Ophthalmic goods	39.1	38.7	39.3	39.1	—	1.5	1.1	1.6	1.5	—
384	Medical instruments and supplies	38.8	38.7	40.2	39.2	(*)	1.6	1.6	2.2	2.0	—
386	Photographic equipment and supplies	40.6	40.4	42.4	41.6	(*)	2.0	1.9	3.1	3.0	—
387	Watches, clocks, and watch cases	38.9	38.5	40.1	40.2	—	1.6	1.8	1.7	1.7	—
39	<b>MISC. MANUFACTURING INDUSTRIES</b>	38.3	37.5	39.4	38.4	38.7	1.8	1.4	2.3	1.9	—
391	Jewelry, silverware, and plated ware	38.2	37.4	40.6	38.3	(*)	2.3	1.8	3.9	2.2	—
394	Toys and sporting goods	38.3	37.2	38.9	38.5	—	1.6	.8	1.7	1.5	—
3941,3	Games, toys, dolls and play vehicles	38.4	37.1	38.4	37.6	—	—	—	—	—	—
3949	Sporting and athletic goods, nec	38.1	37.2	39.4	39.4	—	—	—	—	—	—
395	Pens, pencils, office and art supplies	39.8	38.7	41.4	40.1	—	2.4	2.2	3.6	2.8	—
396	Costume jewelry and notions	37.4	36.6	37.5	37.0	—	1.5	.6	1.8	1.5	—
393,9	Other manufacturing industries	38.5	38.0	39.6	38.5	38.9	1.8	1.8	2.2	2.0	—
393	Musical instruments and parts	38.5	36.4	40.5	38.9	—	1.6	1.4	2.4	1.6	—
<b>NONDURABLE GOODS</b>											
20	<b>FOOD AND KINDRED PRODUCTS</b>	40.3	39.6	40.9	40.4	39.8	3.8	3.4	4.0	3.8	—
201	Meat products	39.8	40.0	40.8	41.0	(*)	3.8	3.9	4.4	4.3	—
2011	Meat packing plants	41.3	42.4	41.8	42.7	—	4.5	5.1	4.9	5.4	—
2013	Sausages and other prepared meats	40.5	40.1	41.4	41.0	—	—	—	—	—	—
2015	Poultry dressing plants	37.2	36.3	39.2	38.6	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>FOOD AND KINDRED PRODUCTS—Continued</b>										
202	Dairy products .....	\$189.70	\$180.84	\$196.41	\$195.23	\$197.41	\$4.56	\$4.40	\$4.71	\$4.75	\$4.78
2024	Ice cream and frozen desserts .....	183.77	167.91	190.48	189.91	—	4.56	4.35	4.81	4.82	—
2026	Fluid milk .....	199.66	190.65	206.06	205.80	—	4.72	4.55	4.86	4.90	—
203	Canned, cured, and frozen foods .....	155.24	136.15	157.93	157.06	—	3.95	3.65	4.06	4.09	—
2031.6	Canned, cured, and frozen sea foods .....	117.65	111.44	125.99	125.15	—	3.43	3.23	3.61	3.67	—
2032.3	Canned food, except sea foods .....	173.06	147.07	176.26	174.84	—	4.16	3.84	4.32	4.36	—
2037	Frozen fruits and vegetables .....	142.78	130.10	149.27	148.52	—	3.68	3.46	3.76	3.76	—
204	Grain mill products .....	210.59	197.66	220.38	220.11	215.71	4.83	4.64	5.02	5.06	5.04
2041	Flour and other grain mill products .....	225.50	204.58	235.75	235.49	—	5.00	4.78	5.17	5.21	—
2042	Prepared feeds for animals and fowls .....	181.83	173.40	191.40	194.02	—	4.18	4.08	4.36	4.45	—
205	Bakery products .....	184.71	172.48	197.01	193.44	(*)	4.70	4.48	4.95	4.96	(*)
2051	Bread, cake, and related products .....	184.47	171.69	192.08	189.31	—	4.73	4.53	4.90	4.93	—
2052	Cookies and crackers .....	185.84	175.34	212.34	206.86	—	4.60	4.34	5.08	5.07	—
206	Sugar .....	202.54	179.73	207.20	213.71	—	4.94	4.55	4.91	4.97	—
207	Confectionery and related products .....	160.78	149.38	168.80	168.60	(*)	4.06	3.89	4.22	4.29	(*)
2071	Confectionery products .....	152.48	140.99	161.18	160.63	—	3.88	3.72	4.06	4.14	—
208	Beverages .....	214.66	200.07	227.92	218.67	(*)	5.38	5.13	5.60	5.55	(*)
2082	Malt liquors .....	298.35	275.46	318.86	304.38	—	7.02	6.59	7.28	7.23	—
2086	Bottled and canned soft drinks .....	156.75	145.15	163.77	162.39	—	4.04	3.85	4.21	4.24	—
209	Miscellaneous foods and kindred products .....	185.17	175.79	200.51	194.88	192.56	4.43	4.22	4.62	4.64	4.64
21	<b>TOBACCO MANUFACTURES</b> .....	171.38	160.58	176.15	186.05	179.52	4.51	4.34	4.54	4.82	4.80
211	Cigarettes .....	210.86	196.13	223.97	232.47	—	5.52	5.23	5.53	5.74	—
212	Cigars .....	108.27	103.75	117.65	117.42	—	2.95	2.89	3.04	3.09	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	133.28	117.45	147.33	144.89	144.54	3.40	3.29	3.55	3.56	3.56
221	Weaving mills, cotton .....	136.86	119.97	154.64	155.00	154.64	3.43	3.26	3.63	3.63	3.63
222	Weaving mills, synthetics .....	136.50	120.68	153.87	153.18	152.11	3.50	3.39	3.69	3.70	3.71
223	Weaving and finishing mills, wool .....	141.10	134.46	154.51	153.67	152.15	3.51	3.43	3.67	3.65	3.64
224	Narrow fabric mills .....	128.70	118.99	139.19	137.57	138.58	3.25	3.19	3.33	3.38	3.38
225	Knitting mills .....	123.61	110.98	131.43	130.26	130.94	3.27	3.18	3.37	3.41	3.41
2251	Women's hosiery, except socks .....	112.41	101.96	117.87	116.87	—	3.03	2.99	3.11	3.15	—
2252	Hosiery, nec .....	110.26	93.96	116.05	118.88	—	2.98	2.90	3.07	3.17	—
2253	Knit outerwear mills .....	122.61	115.46	127.88	128.74	—	3.35	3.28	3.41	3.47	—
2254	Knit underwear mills .....	108.41	101.27	120.36	120.40	—	2.97	2.91	3.11	3.16	—
226	Textile finishing, except wool .....	152.40	128.49	170.72	157.41	158.95	3.69	3.53	3.88	3.83	3.83
227	Floor covering mills .....	140.10	125.56	151.84	149.74	—	3.52	3.44	3.65	3.67	—
228	Yarn and thread mills .....	123.45	102.90	139.86	136.53	135.53	3.19	3.09	3.33	3.33	3.33
229	Miscellaneous textile goods .....	148.67	135.55	161.97	158.88	156.18	3.68	3.53	3.82	3.81	3.80
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	111.97	104.88	119.36	119.21	119.55	3.19	3.14	3.27	3.33	3.33
231	Men's and boys' suits and coats .....	133.28	137.16	147.50	144.94	145.44	3.92	3.93	4.03	4.06	4.04
232	Men's and boys' furnishings .....	102.10	96.33	109.79	112.78	(*)	2.86	2.85	2.92	3.04	(*)
2321	Men's and boys' shirts and nightwear .....	98.97	93.01	106.78	111.00	—	2.78	2.76	2.84	2.96	—
2327	Men's and boys' separate trousers .....	104.24	100.50	114.46	117.06	—	2.92	2.93	3.02	3.13	—
2328	Men's and boys' work clothing .....	99.25	92.80	106.31	109.66	—	2.78	2.77	2.82	2.98	—
233	Women's and misses' outerwear .....	109.55	102.40	113.22	114.24	(*)	3.27	3.21	3.33	3.38	(*)
2331	Women's and misses' blouses and waists .....	107.30	97.30	110.37	112.18	—	3.11	3.05	3.19	3.28	—
2335	Women's and misses' dresses .....	106.55	99.08	110.18	112.47	—	3.34	3.27	3.39	3.45	—
2337	Women's and misses' suits and coats .....	125.58	118.50	123.54	123.98	—	3.76	3.68	3.71	3.69	—
2339	Women's and misses' outerwear, nec .....	107.51	102.21	113.57	113.25	—	3.02	2.98	3.12	3.19	—
234	Women's and children's undergarments .....	102.78	91.20	108.47	111.60	(*)	2.92	2.85	2.98	3.10	(*)
2341	Women's and children's underwear .....	99.68	88.40	104.91	107.70	—	2.84	2.78	2.89	3.00	—
2342	Corsets and allied garments .....	113.49	100.08	121.36	124.12	—	3.17	3.07	3.28	3.41	—
235	Hats, caps, and millinery .....	103.39	99.26	109.96	108.28	—	2.88	2.82	2.94	3.05	—
236	Children's outerwear .....	104.66	99.47	108.47	111.80	114.70	2.94	2.90	2.98	3.08	3.10
2361	Children's dresses and blouses .....	102.37	97.53	107.57	109.12	—	2.95	2.86	3.03	3.10	—
237.8	Fur goods and miscellaneous apparel .....	116.38	106.73	120.78	117.92	—	3.26	3.13	3.30	3.35	—
239	Miscellaneous fabricated textile products .....	135.68	121.45	149.29	141.00	(*)	3.58	3.46	3.77	3.74	(*)
2391.2	Housefurnishings .....	111.81	99.18	120.08	116.56	—	2.95	2.90	3.04	3.10	—
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	207.58	193.80	226.46	222.70	222.18	4.99	4.75	5.23	5.24	5.24
261,2,6	Paper and pulp mills .....	240.32	224.93	261.18	259.30	259.74	5.55	5.28	5.83	5.84	5.85
263	Paperboard mills .....	244.24	228.34	270.60	264.44	(*)	5.68	5.36	6.00	6.01	(*)
264	Miscellaneous converted paper products .....	182.16	172.83	199.92	197.00	(*)	4.52	4.31	4.76	4.77	(*)
2643	Bags, except textile bags .....	173.23	165.23	186.68	184.46	—	4.32	4.10	4.52	4.51	—
265	Paperboard containers and boxes .....	184.28	168.44	201.40	196.59	196.05	4.55	4.33	4.75	4.76	4.77
2651,2	Folding and setup paperboard boxes .....	173.13	157.35	193.31	185.64	—	4.35	4.13	4.57	4.55	—
2653	Corrugated and solid fiber boxes .....	194.47	176.61	210.65	208.50	—	4.79	4.54	4.98	5.00	—
2654	Sanitary food containers .....	177.59	165.20	192.26	184.31	—	4.30	4.13	4.43	4.42	—

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>
	<b>NONDURABLE GOODS—Continued</b>										
	<b>FOOD AND KINDRED PRODUCTS—Continued</b>										
202	Dairy products .....	41.6	41.1	41.7	41.1	41.3	3.9	3.7	3.8	3.6	—
2024	Ice cream and frozen desserts .....	40.3	38.6	39.6	39.4	—	—	—	—	—	—
2026	Fluid milk .....	42.3	41.9	42.4	42.0	—	—	—	—	—	—
203	Canned, cured, and frozen foods .....	39.3	37.3	38.9	38.4	—	3.4	2.6	3.0	3.0	—
2031,6	Canned, cured, and frozen sea foods .....	34.3	34.5	34.9	34.1	—	—	—	—	—	—
2032,3	Canned food, except sea foods .....	41.6	38.3	40.8	40.1	—	—	—	—	—	—
2037	Frozen fruits and vegetables .....	38.8	37.6	39.7	39.5	—	—	—	—	—	—
204	Grain mill products .....	43.6	42.6	43.9	43.5	42.8	6.2	5.5	6.2	6.3	—
2041	Flour and other grain mill products .....	45.1	42.8	45.6	45.2	—	—	—	—	—	—
2042	Prepared feeds for animals and fowls .....	43.5	42.5	43.9	43.6	—	—	—	—	—	—
205	Bakery products .....	39.3	38.5	39.8	39.0	(*)	3.3	2.7	3.4	3.0	—
2051	Bread, cake, and related products .....	39.0	37.9	39.2	38.4	—	—	—	—	—	—
2052	Cookies and crackers .....	40.4	40.4	41.8	40.8	—	—	—	—	—	—
206	Sugar .....	41.0	39.5	42.2	43.0	—	4.0	3.9	4.0	3.7	—
207	Confectionery and related products .....	39.6	38.4	40.0	39.3	(*)	2.4	1.7	2.7	2.5	—
2071	Confectionery products .....	39.3	37.9	39.7	38.8	—	—	—	—	—	—
208	Beverages .....	39.9	39.0	40.7	39.4	(*)	3.4	2.6	3.5	3.1	—
2082	Malt liquors .....	42.5	41.8	43.8	42.1	—	—	—	—	—	—
2086	Bottled and canned soft drinks .....	38.8	37.7	38.9	38.3	—	—	—	—	—	—
209	Miscellaneous foods and kindred products .....	41.8	41.7	43.4	42.0	41.5	4.4	4.2	5.0	4.6	—
21	<b>TOBACCO MANUFACTURES</b> .....	38.0	37.0	38.8	38.6	37.4	1.9	1.1	1.8	1.7	—
211	Cigarettes .....	38.2	37.5	40.5	40.5	—	2.1	1.2	2.2	2.1	—
212	Cigars .....	36.7	35.9	38.7	38.0	—	.8	.6	1.4	1.0	—
22	<b>TEXTILE MILL PRODUCTS</b> .....	39.2	35.7	41.5	40.7	40.6	3.0	1.5	4.2	3.8	—
221	Weaving mills, cotton .....	39.9	36.8	42.6	42.7	42.6	3.6	2.2	5.6	5.2	—
222	Weaving mills, synthetics .....	39.0	35.6	41.7	41.4	41.0	2.7	1.2	4.3	4.3	—
223	Weaving and finishing mills, wool .....	40.2	39.2	42.1	42.1	41.8	2.9	1.9	4.0	4.2	—
224	Narrow fabric mills .....	39.6	37.3	41.8	40.7	41.0	2.8	1.6	3.9	3.2	—
225	Knitting mills .....	37.8	34.9	39.0	38.2	38.4	2.4	1.1	2.8	2.5	—
2251	Women's hosiery, except socks .....	37.1	34.1	37.9	37.1	—	—	—	—	—	—
2252	Hosiery, nec .....	37.0	32.4	37.8	37.5	—	—	—	—	—	—
2253	Knit outerwear mills .....	36.6	35.2	37.5	37.1	—	—	—	—	—	—
2254	Knit underwear mills .....	36.5	34.8	38.7	38.1	—	—	—	—	—	—
226	Textile finishing, except wool .....	41.3	36.4	44.0	41.1	41.5	4.3	1.9	5.6	4.1	—
227	Floor covering mills .....	39.8	36.5	41.6	40.8	—	2.9	1.8	3.6	3.2	—
228	Yarn and thread mills .....	38.7	33.3	42.0	41.0	40.7	2.9	1.0	4.2	3.7	—
229	Miscellaneous textile goods .....	40.4	38.4	42.4	41.7	41.1	3.1	1.7	3.8	3.8	—
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b> .....	35.1	33.4	36.5	35.8	35.9	1.1	.5	1.4	1.3	—
231	Men's and boys' suits and coats .....	34.0	34.9	36.6	35.7	36.0	.7	.5	1.1	.9	—
232	Men's and boys' furnishings .....	35.7	33.8	37.6	37.1	(*)	1.0	.4	1.5	1.3	—
2321	Men's and boys' shirts and nightwear .....	35.6	33.7	37.6	37.5	—	1.0	.4	1.6	1.3	—
2327	Men's and boys' separate trousers .....	35.7	34.3	37.9	37.4	—	.9	.6	1.5	1.5	—
2328	Men's and boys' work clothing .....	35.7	33.5	37.7	36.8	—	.9	.4	1.2	1.1	—
233	Women's and misses' outerwear .....	33.5	31.9	34.0	33.8	(*)	1.0	.6	1.1	1.2	—
2331	Women's and misses' blouses and waists .....	34.5	31.9	34.6	34.2	—	—	—	—	—	—
2335	Women's and misses' dresses .....	31.9	30.3	32.5	32.6	—	.8	.5	1.0	1.1	—
2337	Women's and misses' suits and coats .....	33.4	32.2	33.3	33.6	—	1.0	.6	1.1	1.2	—
2339	Women's and misses' outerwear, nec .....	35.6	34.3	36.4	35.5	—	1.2	.8	1.4	1.3	—
234	Women's and children's undergarments .....	35.2	32.0	36.4	36.0	(*)	1.1	.2	1.3	1.1	—
2341	Women's and children's underwear .....	35.1	31.8	36.3	35.9	—	—	—	—	—	—
2342	Corsets and allied garments .....	35.8	32.6	37.0	36.4	—	—	—	—	—	—
235	Hats, caps, and millinery .....	35.9	35.2	37.4	35.5	—	.9	.9	1.0	.8	—
236	Children's outerwear .....	35.6	34.3	36.4	36.3	37.0	1.2	.5	1.4	1.4	—
2361	Children's dresses and blouses .....	34.7	34.1	35.5	35.2	—	—	—	—	—	—
237,8	Fur goods and miscellaneous apparel .....	35.7	34.1	36.6	35.2	—	1.1	.5	1.1	.8	—
239	Miscellaneous fabricated textile products .....	37.9	35.1	39.6	37.7	(*)	1.8	.6	2.2	1.8	—
2391,2	Housefurnishings .....	37.9	34.2	39.5	37.6	—	—	—	—	—	—
26	<b>PAPER AND ALLIED PRODUCTS</b> .....	41.6	40.8	43.3	42.5	42.4	4.0	3.6	4.8	4.7	—
261,2,6	Paper and pulp mills .....	43.3	42.6	44.8	44.4	44.4	5.5	5.4	6.2	6.3	—
263	Paperboard mills .....	43.0	42.6	45.1	44.0	(*)	5.9	5.7	6.7	6.4	—
264	Miscellaneous converted paper products .....	40.3	40.1	42.0	41.3	(*)	2.7	2.5	3.6	3.4	—
2643	Bags, except textile bags .....	40.1	40.3	41.3	40.9	—	—	—	—	—	—
265	Paperboard containers and boxes .....	40.5	38.9	42.4	41.3	41.1	3.1	2.0	3.9	3.6	—
2651,2	Folding and setup paperboard boxes .....	39.8	38.1	42.3	40.8	—	—	—	—	—	—
2653	Corrugated and solid fiber boxes .....	40.6	38.9	42.3	41.7	—	3.5	2.2	4.1	4.2	—
2654	Sanitary food containers .....	41.3	40.0	43.4	41.7	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. <sub>p</sub> 1976 <sup>p</sup>	Feb. <sub>p</sub> 1976 <sup>p</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. <sub>p</sub> 1976 <sup>p</sup>	Feb. <sub>p</sub> 1976 <sup>p</sup>
	<b>NONDURABLE GOODS—Continued</b>										
27	<b>PRINTING AND PUBLISHING</b> .....	\$198.32	\$189.89	\$209.55	\$206.09	\$207.57	\$5.36	\$5.16	\$5.50	\$5.54	\$5.55
271	Newspapers .....	202.27	193.23	215.07	206.18	209.57	5.88	5.70	6.11	6.10	6.11
272	Periodicals .....	206.05	202.75	210.69	211.68	—	5.38	5.28	5.53	5.60	—
273	Books .....	172.13	164.93	179.73	183.06	—	4.59	4.41	4.78	4.83	—
275	Commercial printing .....	204.82	194.02	215.60	212.18	211.63	5.39	5.16	5.50	5.54	5.54
2751	Commercial printing, except lithographic .....	198.98	187.13	205.92	203.07	—	5.25	4.99	5.28	5.33	—
2752	Commercial printing, lithographic .....	216.21	205.84	230.88	225.79	—	5.66	5.46	5.86	5.88	—
278	Blankbooks and bookbinding .....	155.07	147.78	166.66	165.17	(*)	4.07	3.92	4.23	4.29	(*)
274,6,7,9	Other publishing and printing ind. ....	204.44	203.45	218.80	215.90	(*)	5.38	5.23	5.47	5.55	(*)
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> .....	219.63	208.58	235.62	233.91	234.06	5.37	5.15	5.61	5.65	5.64
281	Industrial chemicals .....	245.50	233.91	262.06	258.13	259.37	5.93	5.65	6.21	6.22	6.22
2812	Alkalies and chlorine .....	250.70	240.57	268.02	258.34	—	5.75	5.48	6.05	6.05	—
2818	Industrial organic chemicals, nec. ....	264.16	246.74	285.95	283.16	—	6.35	5.96	6.65	6.71	—
2819	Industrial inorganic chemicals, nec. ....	233.21	224.68	245.62	240.59	—	5.73	5.48	6.02	5.97	—
282	Plastics materials and synthetics .....	214.20	197.39	232.78	233.52	232.27	5.25	5.01	5.49	5.56	5.57
2821	Plastics materials and resins .....	228.48	211.75	251.94	249.55	—	5.44	5.19	5.70	5.75	—
2823,4	Synthetic fibers .....	199.20	181.07	212.08	216.60	—	4.98	4.74	5.16	5.27	—
283	Drugs .....	208.79	204.27	218.77	217.87	219.06	5.13	4.97	5.31	5.34	5.33
2834	Pharmaceutical preparations .....	203.81	197.55	214.76	212.16	—	5.02	4.83	5.20	5.20	—
284	Soap, cleaners, and toilet goods .....	210.48	202.87	224.64	224.54	(*)	5.21	5.11	5.40	5.49	(*)
2841	Soap and other detergents .....	274.07	263.13	289.33	291.55	—	6.51	6.28	6.76	6.86	—
2844	Toilet preparations .....	168.20	159.52	182.90	177.80	—	4.28	4.22	4.45	4.49	—
285	Paints and allied products .....	197.60	181.03	213.83	205.25	(*)	4.94	4.69	5.19	5.17	(*)
287	Agricultural chemicals .....	201.50	191.68	221.56	217.93	(*)	4.73	4.51	5.07	5.08	(*)
2871,2	Fertilizers, complete and mixing only .....	188.72	181.47	209.32	201.59	—	4.43	4.24	4.79	4.71	—
286,9	Other chemical products .....	204.02	192.40	219.76	221.20	218.77	5.05	4.81	5.27	5.33	5.31
2892	Explosives .....	200.80	192.27	212.70	213.03	—	5.02	4.88	5.15	5.26	—
29	<b>PETROLEUM AND COAL PRODUCTS</b> .....	267.07	241.67	278.81	293.02	290.23	6.42	5.88	6.67	6.96	6.96
291	Petroleum refining .....	283.87	258.13	297.56	315.42	(*)	6.89	6.22	7.17	7.51	(*)
295,9	Other petroleum and coal products .....	215.28	188.00	220.67	219.11	(*)	5.03	4.70	5.18	5.18	(*)
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....	172.70	165.82	184.91	181.80	182.66	4.35	4.23	4.51	4.50	4.51
301	Tires and inner tubes .....	234.84	226.18	253.15	251.08	247.88	5.70	5.53	5.86	5.88	5.86
302,3,6	Other rubber products .....	166.53	157.47	183.15	178.45	(*)	4.27	4.09	4.50	4.45	(*)
302	Rubber footwear .....	124.99	124.79	133.67	132.00	—	3.36	3.31	3.49	3.52	—
307	Miscellaneous plastics products .....	154.05	147.04	163.22	160.79	161.60	3.90	3.78	4.03	4.04	4.05
31	<b>LEATHER AND LEATHER PRODUCTS</b> .....	120.80	111.51	129.42	128.40	129.45	3.23	3.15	3.31	3.37	3.38
311	Leather tanning and finishing .....	171.65	156.24	181.31	178.93	(*)	4.27	4.09	4.39	4.44	(*)
314	Footwear, except rubber .....	113.65	105.75	123.48	123.33	124.03	3.08	3.03	3.15	3.22	3.23
312,3,5-7,9	Other leather products .....	120.00	113.09	126.01	123.28	124.96	3.20	3.15	3.29	3.35	3.35
316	Luggage .....	117.90	111.41	127.53	121.07	—	3.23	3.22	3.41	3.42	—
317	Handbags and personal leather goods .....	120.67	113.16	122.85	121.13	—	3.11	3.05	3.15	3.23	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	234.43	224.53	246.58	247.56	247.73	5.92	5.67	6.18	6.22	6.24
4011	<b>RAILROAD TRANSPORTATION:</b> Class I railroads <sup>2</sup> .....	261.97	257.64	281.20	(*)	—	6.05	5.65	6.42	(*)	—
411	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b> Local and suburban transportation .....	196.89	181.74	207.36	199.69	—	4.91	4.66	5.21	5.16	—
413	Intercity highway transportation .....	232.94	216.23	233.24	245.72	—	6.13	5.86	6.39	6.57	—
42	<b>TRUCKING AND WAREHOUSING</b> .....	242.61	230.68	254.81	247.60	—	6.05	5.84	6.23	6.19	—
421,3	Trucking and trucking terminals .....	248.22	236.61	260.94	253.83	—	6.19	5.99	6.38	6.33	—
422	Public warehousing .....	169.88	167.16	174.76	172.22	—	4.29	4.20	4.38	4.45	—
46	<b>PIPE LINE TRANSPORTATION</b> .....	285.10	269.45	302.02	307.94	—	6.92	6.54	7.14	7.28	—
48	<b>COMMUNICATION</b> .....	220.02	206.50	232.76	232.37	—	5.70	5.42	6.03	6.02	—
481	Telephone communication .....	221.18	206.39	235.01	234.24	—	5.76	5.46	6.12	6.10	—
4817	Switchboard operating employees <sup>3</sup> .....	163.93	152.26	172.31	173.68	—	4.85	4.60	5.19	5.20	—
4818	Line construction employees <sup>4</sup> .....	285.71	266.45	298.62	300.46	—	6.66	6.24	7.11	7.12	—
482	Telegraph communication <sup>5</sup> .....	240.44	224.80	248.44	(*)	—	5.85	5.62	6.18	(*)	—
483	Radio and television broadcasting .....	214.50	209.47	222.30	222.51	—	5.50	5.33	5.70	5.72	—

<sup>1</sup> See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan., P 1976	Feb., P 1976	Avg. 1975	Jan. 1975	Dec. 1975	Jan., P 1976	Feb., P 1976
<b>NONDURABLE GOODS—Continued</b>											
27	<b>PRINTING AND PUBLISHING</b> .....	37.0	36.8	38.1	37.2	37.4	2.2	2.0	2.7	2.1	—
271	Newspapers .....	34.4	33.9	35.2	33.8	34.3	1.7	1.3	2.0	1.2	—
272	Periodicals .....	38.3	38.4	38.1	37.8	—	2.4	2.4	2.0	1.8	—
273	Books .....	37.5	37.4	37.6	37.9	—	2.2	1.6	2.0	2.0	—
275	Commercial printing .....	38.0	37.6	39.2	38.3	38.2	2.7	2.3	3.2	2.7	—
2751	Commercial printing, except lithographic .....	37.9	37.5	39.0	38.1	—	2.6	2.3	3.0	2.7	—
2752	Commercial printing, lithographic .....	38.2	37.7	39.4	38.4	—	2.8	2.4	3.4	2.6	—
278	Blankbooks and bookbinding .....	38.1	37.7	39.4	38.5	(*)	1.6	1.3	2.2	1.8	—
274,6,7,9	Other publishing and printing ind. ....	38.0	38.9	40.0	38.9	(*)	2.1	2.5	3.1	2.4	—
28	<b>CHEMICALS AND ALLIED PRODUCTS</b> ...	40.9	40.5	42.0	41.4	41.5	2.7	2.5	3.1	3.0	—
281	Industrial chemicals .....	41.4	41.4	42.2	41.5	41.7	3.0	3.1	3.3	3.1	—
2812	Alkalies and chlorine .....	43.6	43.9	44.3	42.7	—	—	—	—	—	—
2818	Industrial organic chemicals, nec. ....	41.6	41.4	43.0	42.2	—	2.8	3.2	3.4	3.5	—
2819	Industrial inorganic chemicals, nec. ....	40.7	41.0	40.8	40.3	—	2.8	2.8	3.1	2.5	—
282	Plastics materials and synthetics .....	40.8	39.4	42.4	42.0	41.7	2.3	1.5	2.8	3.2	—
2821	Plastics materials and resins .....	42.0	40.8	44.2	43.4	—	3.5	2.4	4.5	4.4	—
2823,4	Synthetic fibers .....	40.0	38.2	41.1	41.1	—	1.5	.8	1.7	2.5	—
283	Drugs .....	40.7	41.1	41.2	40.8	41.1	2.4	2.6	2.9	2.4	—
2834	Pharmaceutical preparations .....	40.6	40.9	41.3	40.8	—	—	—	—	—	—
284	Soap, cleaners, and toilet goods .....	40.4	39.7	41.6	40.9	(*)	2.5	2.2	2.9	3.0	—
2841	Soap and other detergents .....	42.1	41.9	42.8	42.5	—	—	—	—	—	—
2844	Toilet preparations .....	39.3	37.8	41.1	39.6	—	—	—	—	—	—
285	Paints and allied products .....	40.0	38.6	41.2	39.7	(*)	2.2	1.1	2.4	2.0	—
287	Agricultural chemicals .....	42.6	42.5	43.7	42.9	(*)	4.7	5.3	4.9	4.4	—
2871,2	Fertilizers, complete and mixing only ..	42.6	42.8	43.7	42.8	—	—	—	—	—	—
286,9	Other chemical products .....	40.4	40.0	41.7	41.5	41.2	2.5	2.3	3.1	2.9	—
2892	Explosives .....	40.0	39.4	41.3	40.5	—	—	—	—	—	—
29	<b>PETROLEUM AND COAL PRODUCTS</b> ....	41.6	41.1	41.8	42.1	41.7	3.2	2.8	3.1	3.0	—
291	Petroleum refining .....	41.2	41.5	41.5	42.0	(*)	2.6	2.8	2.7	2.5	—
295,9	Other petroleum and coal products .....	42.8	40.0	42.6	42.3	(*)	5.1	2.8	4.5	4.4	—
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	39.7	39.2	41.0	40.4	40.5	2.7	2.2	3.3	3.0	—
301	Tires and inner tubes .....	41.2	40.9	43.2	42.7	42.3	3.8	3.0	4.5	4.4	—
302,3,6	Other rubber products .....	39.0	38.5	40.7	40.1	(*)	2.0	1.5	2.7	2.4	—
302	Rubber footwear .....	37.2	37.7	38.3	37.5	—	1.3	1.9	.3	.3	—
307	Miscellaneous plastics products .....	39.5	38.9	40.5	39.8	39.9	2.6	2.2	3.1	2.9	—
31	<b>LEATHER AND LEATHER PRODUCTS</b> ...	37.4	35.4	39.1	38.1	38.3	1.9	1.1	2.5	2.2	—
311	Leather tanning and finishing .....	40.2	38.2	41.3	40.3	(*)	3.6	2.4	4.2	4.1	—
314	Footwear, except rubber .....	36.9	34.9	39.2	38.3	38.4	1.7	.9	2.3	2.2	—
312,3,5-7,9	Other leather products .....	37.5	35.9	38.3	36.8	37.3	1.9	1.3	2.3	1.4	—
316	Luggage .....	36.5	34.6	37.4	35.4	—	1.3	.6	1.7	1.0	—
317	Handbags and personal leather goods ..	38.8	37.1	39.0	37.5	—	2.6	1.2	2.8	1.6	—
—	<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	39.6	39.6	39.9	39.8	39.7	—	—	—	—	—
4011	<b>RAILROAD TRANSPORTATION:</b> Class I railroads <sup>2</sup> .....	43.3	45.6	43.8	(*)	—	—	—	—	—	—
411	<b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b> Local and suburban transportation .....	40.1	39.0	39.8	38.7	—	—	—	—	—	—
413	Intercity highway transportation .....	38.0	36.9	36.5	37.4	—	—	—	—	—	—
42	<b>TRUCKING AND WAREHOUSING</b> .....	40.1	39.5	40.9	40.0	—	—	—	—	—	—
421,3	Trucking and trucking terminals .....	40.1	39.5	40.9	40.1	—	—	—	—	—	—
422	Public warehousing .....	39.6	39.8	39.9	38.7	—	—	—	—	—	—
46	<b>PIPE LINE TRANSPORTATION</b> .....	41.2	41.2	42.3	42.3	—	—	—	—	—	—
48	<b>COMMUNICATION</b> .....	38.6	38.1	38.6	38.6	—	—	—	—	—	—
481	Telephone communication .....	38.4	37.8	38.4	38.4	—	—	—	—	—	—
4817	Switchboard operating employees <sup>3</sup> .....	33.8	33.1	33.2	33.4	—	—	—	—	—	—
4818	Line construction employees <sup>4</sup> .....	42.9	42.7	42.0	42.2	—	—	—	—	—	—
482	Telegraph communication <sup>5</sup> .....	41.1	40.0	40.2	(*)	—	—	—	—	—	—
483	Radio and television broadcasting .....	39.0	39.3	39.0	38.9	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>
-	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	\$246.79	\$238.30	\$256.89	\$259.99	-	\$5.99	\$5.77	\$6.22	\$6.28	-
191	Electric companies and systems	251.10	244.78	260.19	261.43	-	6.08	5.87	6.30	6.33	-
492	Gas companies and systems	222.86	218.00	234.77	237.97	-	5.53	5.33	5.74	5.79	-
493	Combination companies and systems	272.90	257.26	284.42	289.12	-	6.56	6.29	6.87	6.95	-
494-7	Water, steam, and sanitary systems	202.29	194.34	209.39	215.69	-	4.91	4.74	5.07	5.21	-
-	<b>WHOLESALE AND RETAIL TRADE</b>	126.75	121.55	130.30	130.99	\$131.32	3.75	3.65	3.81	3.91	\$3.92
50	<b>WHOLESALE TRADE</b>	188.75	182.49	197.18	195.70	195.58	4.89	4.74	5.03	5.07	5.08
501	Motor vehicles and automotive equipment	172.04	167.27	182.11	174.09	-	4.40	4.30	4.53	4.51	-
502	Drugs, chemicals, and allied products	190.63	180.93	199.43	198.07	-	5.07	4.89	5.18	5.24	-
503	Dry goods and apparel	159.20	155.30	169.50	166.62	-	4.41	4.35	4.52	4.54	-
504	Groceries and related products	182.28	172.35	190.03	190.58	-	4.71	4.50	4.86	4.95	-
506	Electrical goods	205.60	192.55	226.01	212.51	-	5.14	4.85	5.42	5.38	-
507	Hardware, plumbing and heating equipment	176.10	165.56	184.89	187.11	-	4.61	4.38	4.79	4.86	-
508	Machinery, equipment, and supplies	208.95	203.26	215.32	216.46	-	5.25	5.12	5.41	5.48	-
509	Miscellaneous wholesalers	186.24	183.06	194.30	194.95	-	4.94	4.83	5.06	5.09	-
52-59	<b>RETAIL TRADE</b>	108.22	103.03	111.18	111.68	111.68	3.34	3.24	3.40	3.49	3.49
53	Retail general merchandise	99.83	92.98	104.64	103.23	-	3.21	3.12	3.20	3.33	-
531	Department stores	102.20	94.96	106.25	105.26	-	3.34	3.23	3.31	3.44	-
532	Mail order houses	134.74	125.32	140.73	142.62	-	4.01	3.88	3.92	4.11	-
533	Variety stores	79.04	72.04	85.87	81.65	-	2.60	2.51	2.61	2.74	-
54	<b>Food stores</b>	127.59	119.88	133.01	133.40	-	3.95	3.83	4.08	4.13	-
541-3	Grocery, meat, and vegetable stores	131.70	123.95	136.78	137.57	-	4.04	3.91	4.17	4.22	-
56	Apparel and accessory stores	91.20	87.31	97.95	92.65	-	3.01	2.93	3.09	3.13	-
561	Men's and boys' clothing and furnishings	114.70	112.08	123.71	114.71	-	3.54	3.47	3.66	3.63	-
562	Women's ready-to-wear stores	80.85	77.51	85.93	82.65	-	2.75	2.71	2.79	2.90	-
565	Family clothing stores	89.64	86.94	95.98	89.10	-	2.92	2.76	2.99	3.01	-
566	Shoe stores	89.88	81.20	98.10	93.70	-	3.11	2.90	3.27	3.22	-
57	Furniture and home furnishings stores	144.57	140.96	150.22	149.14	-	3.95	3.82	4.06	4.12	-
571	Furniture and home furnishings	146.86	142.48	152.48	150.54	-	3.98	3.83	4.11	4.17	-
58	Eating and drinking places <sup>6</sup>	71.75	69.09	72.24	73.41	-	2.50	2.45	2.58	2.65	-
52,55,59	Other retail trade	136.16	129.58	138.37	139.78	-	3.71	3.56	3.76	3.84	-
52	Building materials and farm equipment	148.20	141.72	152.10	150.93	-	3.80	3.71	3.88	3.91	-
561,2	Motor vehicle dealers	182.49	164.64	185.26	184.39	-	4.62	4.20	4.69	4.68	-
563,9	Other automotive and accessory dealers	149.20	145.89	154.01	153.64	-	3.73	3.62	3.86	3.87	-
591	Drug stores and proprietary stores	98.87	93.91	103.65	105.37	-	3.21	3.12	3.28	3.41	-
594	Book and stationery stores	113.85	109.55	116.25	116.14	-	3.45	3.34	3.47	3.53	-
598	Fuel and ice dealers	174.40	177.48	186.81	200.65	-	4.36	4.35	4.59	4.71	-
-	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	150.75	147.23	153.97	156.22	160.01	4.13	3.99	4.23	4.28	4.36
60	Banking	128.87	127.37	129.24	131.77	-	3.55	3.48	3.58	3.62	-
61	Credit agencies other than banks	138.38	136.11	138.75	142.49	-	3.71	3.62	3.74	3.82	-
612	Savings and loan associations	135.05	132.82	135.42	140.25	-	3.66	3.58	3.70	3.76	-
62	Security, commodity brokers and services	260.51	233.46	269.28	(*)	-	6.91	6.16	7.20	(*)	-
63	Insurance carriers	159.84	157.30	164.87	166.43	-	4.32	4.24	4.42	4.45	-
631	Life insurance	159.41	157.19	163.61	165.61	-	4.32	4.26	4.41	4.44	-
632	Accident and health insurance	149.48	152.63	156.91	160.13	-	4.04	4.07	4.14	4.17	-
633	Fire, marine, and casualty insurance	163.68	159.27	167.93	168.97	-	4.40	4.27	4.49	4.53	-

See footnotes at end of table.

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

SIC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>	Avg. 1975	Jan. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>
—	<b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>										
49	<b>ELECTRIC, GAS, AND SANITARY SERVICES</b>	41.2	41.3	41.3	41.4	—	—	—	—	—	
491	Electric companies and systems	41.3	41.7	41.3	41.3	—	—	—	—	—	
492	Gas companies and systems	40.3	40.9	40.9	41.1	—	—	—	—	—	
493	Combination companies and systems	41.6	40.9	41.4	41.6	—	—	—	—	—	
494-7	Water, steam, and sanitary systems	41.2	41.0	41.3	41.4	—	—	—	—	—	
—	<b>WHOLESALE AND RETAIL TRADE</b>	33.8	33.3	34.2	33.5	33.5	—	—	—	—	
50	<b>WHOLESALE TRADE</b>	38.6	38.5	39.2	38.6	38.5	—	—	—	—	
501	Motor vehicles and automotive equipment	39.1	38.9	40.2	38.6	—	—	—	—	—	
502	Drugs, chemicals, and allied products	37.6	37.0	38.5	37.8	—	—	—	—	—	
503	Dry goods and apparel	36.1	35.7	37.5	36.7	—	—	—	—	—	
504	Groceries and related products	38.7	38.3	39.1	38.5	—	—	—	—	—	
506	Electrical goods	40.0	39.7	41.7	39.5	—	—	—	—	—	
507	Hardware; plumbing and heating equipment	38.2	37.8	38.6	38.5	—	—	—	—	—	
508	Machinery, equipment, and supplies	39.8	39.7	39.8	39.5	—	—	—	—	—	
509	Miscellaneous wholesalers	37.7	37.9	38.4	38.3	—	—	—	—	—	
52-59	<b>RETAIL TRADE</b>	32.4	31.8	32.7	32.0	32.0	—	—	—	—	
53	Retail general merchandise	31.1	29.8	32.7	31.0	—	—	—	—	—	
531	Department stores	30.6	29.4	32.1	30.6	—	—	—	—	—	
532	Mail order houses	33.6	32.3	35.9	34.7	—	—	—	—	—	
533	Variety stores	30.4	28.7	32.9	29.8	—	—	—	—	—	
54	Food stores	32.3	31.3	32.6	32.3	—	—	—	—	—	
541-3	Grocery, meat, and vegetable stores	32.6	31.7	32.8	32.6	—	—	—	—	—	
56	Apparel and accessory stores	30.3	29.8	31.7	29.6	—	—	—	—	—	
561	Men's and boys' clothing and furnishings	32.4	32.3	33.8	31.6	—	—	—	—	—	
562	Women's ready-to-wear stores	29.4	28.6	30.8	28.5	—	—	—	—	—	
565	Family clothing stores	30.7	31.5	32.1	29.6	—	—	—	—	—	
566	Shoe stores	28.9	28.0	30.0	29.1	—	—	—	—	—	
57	Furniture and home furnishings stores	36.6	36.9	37.0	36.2	—	—	—	—	—	
571	Furniture and home furnishings	36.9	37.2	37.1	36.1	—	—	—	—	—	
58	Eating and drinking places <sup>6</sup>	28.7	28.2	28.0	27.7	—	—	—	—	—	
52,55,59	Other retail trade	36.7	36.4	36.8	36.4	—	—	—	—	—	
52	Building materials and farm equipment	39.0	38.2	39.2	38.6	—	—	—	—	—	
551,2	Motor vehicle dealers	39.5	39.2	39.5	39.4	—	—	—	—	—	
553,9	Other automotive and accessory dealers	40.0	40.3	39.9	39.7	—	—	—	—	—	
591	Drug stores and proprietary stores	30.8	30.1	31.6	30.9	—	—	—	—	—	
594	Book and stationery stores	33.0	32.8	33.5	32.9	—	—	—	—	—	
598	Fuel and ice dealers	40.0	40.8	40.7	42.6	—	—	—	—	—	
—	<b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b>	36.5	36.9	36.4	36.5	36.7	—	—	—	—	
60	Banking	36.3	36.6	36.1	36.4	—	—	—	—	—	
61	Credit agencies other than banks	37.3	37.6	37.1	37.3	—	—	—	—	—	
612	Savings and loan associations	36.9	37.1	36.6	37.3	—	—	—	—	—	
62	Security, commodity brokers and services	37.7	37.9	37.4	(*)	—	—	—	—	—	
63	Insurance carriers	37.0	37.1	37.3	37.4	—	—	—	—	—	
631	Life insurance	36.9	36.9	37.1	37.3	—	—	—	—	—	
632	Accident and health insurance	37.0	37.5	37.9	38.4	—	—	—	—	—	
633	Fire, marine, and casualty insurance	37.2	37.3	37.4	37.3	—	—	—	—	—	

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

SIC Code	Industry	Average weekly earnings					Average hourly earnings				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. p 1976	Feb. p 1976	Avg. 1975	Jan. 1975	Dec. 1975	Jan. p 1976	Feb. p 1976
—	<b>SERVICES</b> .....	\$137.23	\$132.78	\$142.13	\$143.14	\$144.24	\$4.06	\$3.94	\$4.23	\$4.26	\$4.28
	Hotels and other lodging places:										
701	Hotels, tourist courts, and motels <sup>6</sup> .....	89.64	85.56	92.65	93.90	—	2.81	2.76	2.96	3.00	—
	Personal services:										
721	Laundries and dry cleaning plants .....	106.05	103.06	109.55	109.37	—	3.03	2.97	3.13	3.17	—
722	Photographic studios .....	105.58	99.97	114.56	116.62	—	3.18	3.08	3.34	3.44	—
	Motion pictures:										
781	Motion picture filming and distributing ...	254.92	248.96	263.59	266.51	—	6.57	6.40	6.69	6.73	—
806	Hospitals .....	131.37	126.62	138.11	138.79	—	3.83	3.67	4.05	4.07	—

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

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

<sup>3</sup> Data relate to employees in such occupations in the telephone industry as switchboard operators; service assistants; operating room instructors; and pay-station attendants. In 1975, such employees made up 30 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

<sup>4</sup> Data relate to employees in such occupations in the telephone industry as central office 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.

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

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

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

\* Not available.

p=preliminary.

\*\*= 11-month average.

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

SiC Code	Industry	Average weekly hours					Average overtime hours				
		Avg. 1975	Jan. 1975	Dec. 1975	Jan. P 1976	Feb. P 1976	Avg. 1975	Jan. 1975	Dec. 1975	Jan. P 1976	Feb. P 1976
--	<b>SERVICES</b> .....	33.8	33.7	33.6	33.6	33.7	--	--	--	--	--
701	Hotels and other lodging places: Hotels, tourist courts, and motels <sup>6</sup> .....	31.9	31.0	31.3	31.3	--	--	--	--	--	
721	Personal services: Laundries and dry cleaning plants .....	35.0	34.7	35.0	34.5	--	--	--	--	--	
722	Photographic studios .....	33.2	32.4	34.3	33.9	--	--	--	--	--	
781	Motion pictures: Motion picture filming and distributing .....	38.8	38.9	39.4	39.6	--	--	--	--	--	
806	Hospitals .....	34.3	34.5	34.1	34.1	--	--	--	--	--	

<sup>1</sup> As noted on page 7 of the January 1972 issue of this magazine, the series does not include earned pay withheld as a consequence of delays caused by the wage freeze in effect between August 15 and November 14, 1971, and by administrative procedures of the Pay Board. These delays resulted from compliance with the Government's Economic Stabilization Program. Because these withheld payments were substantial and fell due under a significant number of new labor-management contracts in that industry, they affected a large proportion

of SIC 372.

The series shown below include these payments as well as an additional 17 cents delayed payment for employees in a number of companies which had been pending as a consequence of litigation.

These payments were due under labor-management contracts the last of which expired in November 1973.

**Average hourly earnings September 1971–November 1973 (revised to March 1974 benchmarks)**

Year	Annual average	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>SIC 372</b>													
1971 .....	\$4.36	--	--	--	--	--	--	--	--	\$4.42	\$4.46	\$4.51	\$4.62
1972 .....	4.74	\$4.60	\$4.60	\$4.64	\$4.70	\$4.71	\$4.72	\$4.71	\$4.79	4.80	4.83	4.87	4.93
1973 .....	5.02	4.90	4.91	4.92	4.92	4.94	4.96	4.98	5.05	5.06	5.12	5.15	--
<b>SIC 3721</b>													
1971 .....	4.42	--	--	--	--	--	--	--	--	4.51	4.56	4.63	4.73
1972 .....	4.85	4.72	4.68	4.74	4.83	4.82	4.83	4.79	4.89	4.90	4.94	4.99	5.04
1973 .....	5.13	5.00	5.04	5.05	5.03	5.08	--	--	--	--	--	--	--
<b>SIC 3722</b>													
1971 .....	4.38	--	--	--	--	--	--	--	--	4.38	4.43	4.48	4.64
1972 .....	4.76	4.61	4.64	4.65	4.66	4.70	4.71	4.77	4.82	4.83	4.85	4.87	5.01
1973 .....	5.06	4.95	4.95	4.96	--	--	--	--	--	--	--	--	--
<b>SIC 3723, 9</b>													
1971 .....	4.17	--	--	--	--	--	--	--	--	4.24	4.24	4.24	4.33
1972 .....	4.44	4.28	4.33	4.38	4.40	4.45	4.46	4.45	4.47	4.50	4.50	4.54	4.56
1973 .....	4.68	4.56	4.53	4.58	4.60	4.59	4.64	4.68	4.71	4.74	4.78	4.84	--

**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	1974												1975
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>Executive Branch</b>													
Total employment	2,616.5	2,638.7	2,647.1	2,664.1	2,677.3	2,710.4	2,737.8	2,713.7	2,680.8	2,673.1	2,676.5	2,711.0	2,663.9
Average weekly hours	(*)	39.3	39.6	39.5	39.2	39.3	(*)	(*)	39.5	39.6	(*)	40.8	(*)
Average overtime hours	(*)	1.0	1.2	1.0	1.0	1.1	(*)	(*)	1.1	1.2	(*)	2.4	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	167.7	168.4	170.2	169.1	171.7	(*)	(*)	172.3	173.6	(*)	190.3	(*)
Average hourly earnings	(*)	168.1	167.6	169.7	170.0	172.2	(*)	(*)	171.9	172.7	(*)	183.8	(*)
<b>Department of Defense</b>													
Total employment	946.2	950.2	953.3	958.2	966.4	988.4	990.3	977.8	962.9	959.7	960.0	957.8	953.1
Average weekly hours	(*)	39.8	40.0	40.0	39.9	39.9	(*)	(*)	39.9	40.1	(*)	40.1	(*)
Average overtime hours	(*)	.7	.9	.7	.8	.9	(*)	(*)	.8	.8	(*)	.8	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	164.7	164.2	170.4	166.5	172.9	(*)	(*)	164.8	167.0	(*)	175.7	(*)
Average hourly earnings	(*)	166.8	165.4	171.7	168.1	174.7	(*)	(*)	166.5	167.8	(*)	176.6	(*)
<b>Postal service</b>													
Total employment	704.5	704.2	702.0	702.7	701.7	704.4	703.9	701.8	697.0	695.7	700.7	740.5	697.4
Average weekly hours	(*)	39.4	39.7	39.4	38.8	38.8	(*)	(*)	39.8	40.6	(*)	45.1	(*)
Average overtime hours	(*)	1.3	1.6	1.4	.9	.9	(*)	(*)	1.4	1.9	(*)	6.7	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	180.5	182.8	181.1	183.6	183.3	(*)	(*)	195.8	201.1	(*)	243.6	(*)
Average hourly earnings	(*)	176.8	177.7	177.4	182.6	182.3	(*)	(*)	189.9	191.2	(*)	208.5	(*)
<b>Other agencies</b>													
Total employment	965.8	984.3	991.8	1,003.2	1,009.2	1,017.6	1,043.6	1,034.1	1,020.9	1,017.7	1,015.8	1,012.7	1,013.4
Average weekly hours	(*)	38.9	39.1	39.0	38.8	39.0	(*)	(*)	38.9	38.5	(*)	38.5	(*)
Average overtime hours	(*)	1.1	1.1	1.1	1.2	1.4	(*)	(*)	1.3	1.1	(*)	.8	(*)
Indexes (1967=100):													
Average weekly earnings	(*)	164.5	164.9	164.5	164.1	164.0	(*)	(*)	166.3	164.8	(*)	174.1	(*)
Average hourly earnings	(*)	164.1	163.6	163.6	164.1	163.1	(*)	(*)	165.8	166.1	(*)	175.5	(*)

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage-board employees. Since these \* = Not available.

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

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

Major industry group	Average hourly earnings excluding overtime <sup>1</sup>				
	Avg. 1975	Jan. 1975	Dec. 1975	Jan. p 1976	Feb. p 1976
<b>MANUFACTURING</b>	\$4.66	\$4.54	\$4.82	\$4.85	\$4.86
<b>DURABLE GOODS</b>	4.98	4.81	5.19	5.20	5.21
Ordnance and accessories	5.06	4.80	5.37	5.33	-
Lumber and wood products	4.12	3.94	4.25	4.29	-
Furniture and fixtures	3.66	3.60	3.73	3.76	-
Stone, clay, and glass products	4.68	4.49	4.83	4.83	-
Primary metal industries	5.97	5.72	6.26	6.29	-
Fabricated metal products	4.89	4.64	5.11	5.12	-
Machinery, except electrical	5.17	4.97	5.40	5.41	-
Electrical equipment and supplies	4.48	4.35	4.64	4.65	-
Transportation equipment	5.83	5.64	6.12	6.11	-
Instruments and related products	4.45	4.34	4.60	4.63	-
Miscellaneous manufacturing industries	3.71	3.66	3.82	3.88	-
<b>NONDURABLE GOODS</b>	4.20	4.11	4.31	4.37	4.37
Food and kindred products	4.36	4.23	4.53	4.58	-
Tobacco manufactures	4.40	4.28	4.44	4.72	-
Textile mill products	3.27	3.22	3.38	3.40	-
Apparel and other textile products	3.14	3.11	3.20	3.27	-
Paper and allied products	4.75	4.55	4.95	4.97	-
Printing and publishing	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	-
Chemicals and allied products	5.20	4.99	5.41	5.45	-
Petroleum and coal products	6.18	5.69	6.43	5.72	-
Rubber and plastics products, nec	4.21	4.12	4.33	4.34	-
Leather and leather products	3.15	3.11	3.20	3.28	-

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

p - preliminary.

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

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

Industry	Gross average weekly earnings			Spendable average weekly earnings					
	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Worker with no dependents			Worker with three dependents		
				Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>
<b>TOTAL PRIVATE:</b>									
Current dollars	\$163.89	\$170.82	\$170.39	\$132.74	\$138.52	\$139.65	\$145.93	\$153.48	\$151.98
1967 dollars	101.67	102.72	102.21	82.34	83.30	83.77	90.53	92.29	91.17
<b>MINING:</b>									
Current dollars	249.57	264.69	265.85	194.58	206.20	209.09	211.11	224.19	224.48
1967 dollars	154.82	159.16	159.48	120.71	123.99	125.43	130.96	134.81	134.66
<b>CONTRACT CONSTRUCTION:</b>									
Current dollars	265.35	275.62	270.72	205.86	214.51	212.57	223.10	232.92	228.25
1967 dollars	164.61	165.74	162.40	127.70	128.99	127.52	138.40	140.06	136.92
<b>MANUFACTURING:</b>									
Current dollars	189.51	204.00	200.30	150.71	161.85	161.23	165.33	177.95	174.55
1967 dollars	117.56	122.67	120.16	93.49	97.32	96.72	102.56	107.01	104.71
<b>TRANSPORTATION AND PUBLIC UTILITIES:</b>									
Current dollars	234.43	246.58	247.56	183.56	193.08	196.02	199.27	210.18	210.36
1967 dollars	145.43	148.27	148.51	113.87	116.10	117.59	123.62	126.39	126.19
<b>WHOLESALE AND RETAIL TRADE:</b>									
Current dollars	126.75	130.30	130.99	105.67	109.16	110.28	119.34	122.68	123.33
1967 dollars	78.63	78.35	78.58	65.55	65.64	66.15	74.03	73.77	73.98
<b>FINANCE, INSURANCE, AND REAL ESTATE:</b>									
Current dollars	150.75	153.97	156.22	123.22	126.48	129.24	136.08	140.42	141.04
1967 dollars	93.52	92.59	93.71	76.44	76.06	77.53	84.42	84.44	84.61
<b>SERVICES:</b>									
Current dollars	137.23	142.13	143.14	113.33	117.82	119.41	126.86	132.88	131.89
1967 dollars	85.13	85.47	85.87	70.30	70.85	71.63	78.70	79.90	79.12
<b>CONSUMER PRICE INDEX (All items, 1967 = 100)</b>	161.2	166.3	166.7	NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers.					

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

p = preliminary (applicable to earnings data only).

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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**C-6. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group**

[1967 = 100]

Industry division and group	Avg. 1975	Feb. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Feb. 1976 <sup>p</sup>
	Hours				
<b>TOTAL</b> .....	107.4	103.5	110.9	106.9	107.1
<b>GOODS-PRODUCING</b> .....	91.2	86.5	94.8	90.9	91.1
<b>MINING</b> .....	119.5	113.9	124.5	121.0	121.3
<b>CONTRACT CONSTRUCTION</b> .....	99.0	87.4	94.9	83.8	83.2
<b>MANUFACTURING</b> .....	88.8	85.3	93.8	91.1	91.5
<b>DURABLE GOODS</b> .....	87.5	86.2	91.7	89.0	89.4
Ordnance and accessories .....	45.3	48.1	42.9	41.9	41.4
Lumber and wood products .....	86.9	78.2	91.4	90.5	93.5
Furniture and fixtures .....	91.2	82.7	103.0	99.7	100.8
Stone, clay, and glass products .....	94.5	89.3	95.9	91.6	91.7
Primary metal industries .....	84.3	89.5	83.7	83.3	83.0
Fabricated metal products .....	91.2	89.4	96.6	93.4	94.5
Machinery, except electrical .....	94.5	101.1	95.3	93.2	92.8
Electrical equipment and supplies .....	84.7	84.1	89.8	87.8	87.9
Transportation equipment .....	81.7	73.6	91.4	86.0	86.3
Instruments and related products .....	99.7	99.5	105.0	103.5	104.3
Miscellaneous manufacturing .....	88.7	82.7	91.2	87.1	88.7
<b>NONDURABLE GOODS</b> .....	90.8	84.1	96.7	94.1	94.5
Food and kindred products .....	94.3	85.3	95.4	91.3	90.5
Tobacco manufactures .....	86.4	81.2	95.7	89.8	82.4
Textile mill products .....	88.2	75.1	99.8	97.7	98.0
Apparel and other textile products .....	83.6	76.2	91.4	89.0	91.1
Paper and allied products .....	89.1	85.4	96.0	93.8	93.9
Printing and publishing .....	92.8	93.8	95.7	92.3	92.0
Chemicals and allied products .....	94.8	93.5	98.6	97.2	97.7
Petroleum and coal products .....	106.2	93.7	109.7	108.5	107.7
Rubber and plastics products, nec .....	108.8	102.5	117.6	115.5	117.2
Leather and leather products .....	70.7	63.6	79.0	76.6	78.3
<b>SERVICE-PRODUCING</b> .....	118.6	115.2	122.0	117.9	118.1
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	101.7	100.9	101.7	100.6	100.5
<b>WHOLESALE AND RETAIL TRADE</b> .....	114.3	109.4	121.5	113.5	112.8
<b>WHOLESALE TRADE</b> .....	111.6	109.9	114.3	111.6	111.5
<b>RETAIL TRADE</b> .....	115.3	109.3	124.2	114.2	113.3
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	123.5	122.8	123.8	123.3	124.2
<b>SERVICES</b> .....	130.8	127.5	131.5	130.4	131.7

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

p = preliminary.

**C-6. Indexes of aggregate weekly hours and payrolls of production or nonsupervisory workers<sup>1</sup>  
on private nonagricultural payrolls, by industry division and major manufacturing group—Continued**

[1967 = 100]

Industry division and group	Avg. 1975	Feb. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Feb. 1976 <sup>P</sup>
	Payrolls				
<b>TOTAL</b> .....	182.1	170.9	193.9	188.5	189.4
<b>GOODS-PRODUCING</b> .....	157.8	144.7	169.6	162.2	162.6
<b>MINING</b> .....	221.0	205.2	241.1	238.0	240.5
<b>CONTRACT CONSTRUCTION</b> .....	174.6	148.5	173.1	153.2	151.1
<b>MANUFACTURING</b> .....	151.0	141.4	165.9	161.6	162.5
<b>DURABLE GOODS</b> .....	149.6	142.9	164.3	159.2	160.4
Ordnance and accessories .....	74.4	76.1	74.6	72.3	72.4
Lumber and wood products .....	157.2	135.7	171.0	170.6	177.8
Furniture and fixtures .....	147.0	130.1	170.7	165.6	167.8
Stone, clay, and glass products .....	163.8	148.5	171.9	163.7	164.6
Primary metal industries .....	155.8	160.4	162.3	162.1	161.6
Fabricated metal products .....	154.4	145.2	171.8	166.1	168.5
Machinery, except electrical .....	158.8	165.1	168.1	163.9	163.8
Electrical equipment and supplies .....	140.0	134.8	154.7	150.9	151.0
Transportation equipment .....	143.0	123.1	170.0	158.9	160.4
Instruments and related products .....	159.4	155.8	174.8	172.6	174.8
Miscellaneous manufacturing .....	143.3	131.5	152.9	147.3	149.8
<b>NONDURABLE GOODS</b> .....	153.5	138.8	168.7	165.6	166.2
Food and kindred products .....	163.1	143.7	171.9	166.2	164.6
Tobacco manufactures .....	171.8	160.6	191.7	191.0	174.5
Textile mill products .....	145.7	120.3	172.3	169.0	169.6
Apparel and other textile products .....	131.3	117.5	147.1	145.9	149.7
Paper and allied products .....	154.6	141.4	174.6	171.1	171.5
Printing and publishing .....	151.8	148.7	160.7	155.8	155.7
Chemicals and allied products .....	163.9	155.3	178.1	177.0	177.7
Petroleum and coal products .....	190.6	160.0	204.5	211.1	209.6
Rubber and plastics products, nec .....	172.5	157.7	192.9	189.4	192.6
Leather and leather products .....	110.4	97.9	126.3	124.9	128.1
<b>SERVICE-PRODUCING</b> .....	204.5	153.4	214.7	211.2	212.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	186.0	177.9	194.2	193.4	194.0
<b>WHOLESALE AND RETAIL TRADE</b> .....	190.8	179.5	206.5	198.0	196.9
<b>WHOLESALE TRADE</b> .....	189.5	183.0	199.8	196.8	197.1
<b>RETAIL TRADE</b> .....	191.5	177.6	210.1	198.6	196.7
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	197.5	192.7	202.6	204.4	209.6
<b>SERVICES</b> .....	232.0	222.2	243.1	242.6	246.3

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

p = preliminary.

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

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**C-7. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

Industry	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. P	Feb. P
<b>TOTAL PRIVATE</b> .....	36.1	35.9	35.9	35.9	36.0	36.0	36.2	36.1	36.2	36.3	36.4	36.6	36.5
<b>MINING</b> .....	42.4	41.9	41.1	42.6	42.2	42.1	41.8	42.1	42.7	42.9	42.8	42.9	43.1
<b>CONTRACT CONSTRUCTION</b> .....	36.8	34.9	36.8	36.9	35.7	36.2	36.7	36.7	36.6	36.8	37.3	37.7	37.9
<b>MANUFACTURING</b> .....	38.8	38.9	39.1	39.0	39.3	39.4	39.7	39.8	39.8	39.9	40.3	40.5	40.3
<i>Overtime hours</i> .....	2.4	2.3	2.3	2.4	2.4	2.6	2.8	2.8	2.8	2.8	3.0	3.0	3.0
<b>DURABLE GOODS</b> .....	39.7	39.5	39.7	39.5	39.6	39.8	40.2	40.2	40.0	40.2	40.7	40.9	40.6
<i>Overtime hours</i> .....	2.5	2.3	2.4	2.2	2.3	2.5	2.7	2.7	2.6	2.7	2.9	2.9	2.9
Ordnance and accessories .....	41.3	41.3	41.3	41.1	41.6	40.1	41.2	41.7	41.6	41.7	41.3	41.6	41.3
Lumber and wood products .....	38.6	38.0	38.8	38.8	39.0	39.1	39.5	39.6	39.8	39.4	40.2	40.9	40.4
Furniture and fixtures .....	36.4	36.6	37.2	37.5	37.6	37.8	38.3	38.9	38.9	39.1	39.5	39.4	39.4
Stone, clay, and glass products .....	40.2	39.6	40.3	40.2	40.3	40.6	40.7	40.8	40.8	40.9	41.3	41.6	41.3
Primary metal industries .....	40.3	40.0	39.7	39.5	39.6	39.7	39.9	39.9	39.9	40.2	40.3	40.3	40.4
Fabricated metal products .....	39.8	39.7	39.7	39.5	39.5	39.5	40.0	40.2	40.4	40.5	41.1	41.1	41.1
Machinery, except electrical .....	41.3	40.9	41.0	40.5	40.4	40.5	40.8	40.7	40.6	40.9	41.2	41.3	41.0
Electrical equipment and supplies .....	39.2	39.2	39.4	39.1	39.3	39.5	39.6	39.6	39.6	39.6	40.1	40.3	39.9
Transportation equipment .....	39.2	39.1	40.5	39.5	40.0	40.7	41.2	40.9	40.4	40.8	41.9	41.6	41.4
Instruments and related products .....	39.0	3.1	39.2	39.3	39.4	39.7	39.5	39.7	39.7	39.9	40.3	40.4	40.5
Miscellaneous manufacturing, Ind. ....	37.8	37.7	38.1	38.1	38.3	38.1	38.2	38.7	38.8	38.6	39.2	39.1	38.9
<b>NONDURABLE GOODS</b> .....	37.6	37.9	38.0	38.3	38.7	38.8	39.3	39.4	39.5	39.5	39.7	39.9	39.7
<i>Overtime hours</i> .....	2.2	2.2	2.2	2.4	2.6	2.8	2.9	3.0	3.0	3.0	3.2	3.2	3.0
Food and kindred products .....	40.0	40.2	39.9	39.9	39.9	40.1	40.7	40.9	40.6	40.4	40.5	40.8	40.5
Tobacco manufactures .....	37.5	38.6	38.3	36.9	39.8	35.4	37.6	38.0	37.5	39.7	37.7	39.1	38.6
Textile mill products .....	36.1	36.9	37.7	38.9	39.2	39.6	40.4	40.9	41.0	41.0	41.2	41.3	40.9
Apparel and other textile products .....	33.6	33.8	34.3	34.4	35.2	35.2	35.5	36.0	36.2	36.1	36.6	36.6	36.2
Paper and allied products .....	40.6	40.5	40.4	40.9	41.5	41.6	42.1	42.2	42.3	42.4	42.9	42.7	42.9
Printing and publishing .....	37.1	37.0	36.8	36.7	36.7	36.7	37.1	36.9	37.0	37.3	37.6	37.8	37.8
Chemicals and allied products .....	40.6	40.4	40.3	40.6	40.7	40.9	41.1	41.3	41.4	41.4	41.7	41.6	41.7
Petroleum and coal products .....	41.9	41.7	41.0	41.5	41.2	41.3	41.0	41.6	41.8	42.0	41.8	42.9	42.5
Rubber and plastics products, nec. ....	38.8	38.7	39.0	39.6	39.6	40.0	40.1	40.1	40.0	40.0	40.6	40.7	40.8
Leather and leather products .....	35.4	35.3	36.5	36.5	37.5	37.8	38.0	38.4	38.9	38.4	38.7	38.6	38.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	39.7	39.7	39.8	39.2	39.5	39.4	39.5	39.7	39.7	39.6	39.9	40.1	40.0
<b>WHOLESALE AND RETAIL TRADE</b> .....	33.9	33.9	33.7	33.9	33.8	33.6	33.8	33.6	33.9	33.8	33.9	34.0	34.0
<b>WHOLESALE TRADE</b> .....	38.6	38.6	38.6	38.6	38.4	38.5	38.6	38.5	38.8	38.7	38.8	38.8	38.8
<b>RETAIL TRADE</b> .....	32.3	32.5	32.3	32.5	32.4	32.2	32.3	32.2	32.3	32.5	32.4	32.6	32.6
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	36.8	36.6	36.2	36.4	36.5	36.3	36.3	36.3	36.4	36.7	36.4	36.5	36.7
<b>SERVICES</b> .....	33.9	33.8	33.7	33.9	33.9	33.7	33.8	33.6	33.7	33.9	33.6	33.8	33.9

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

p = preliminary.

**C-8. Average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, seasonally adjusted**

Industry	1975											1976	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. P	Feb. P
<b>Average hourly earnings</b>													
<b>TOTAL PRIVATE</b> .....	\$ 4.43	\$ 4.46	\$ 4.47	\$ 4.49	\$ 4.51	\$ 4.54	\$ 4.57	\$ 4.60	\$ 4.63	\$ 4.68	\$ 4.68	\$ 4.73	\$ 4.75
<b>MINING</b> .....	5.71	5.76	5.71	5.82	5.89	5.92	5.97	6.01	6.08	6.10	6.11	6.19	6.29
<b>CONTRACT CONSTRUCTION</b> .....	6.98	7.18	7.18	7.16	7.27	7.33	7.30	7.32	7.32	7.41	7.46	7.48	7.46
<b>MANUFACTURING</b> .....	4.68	4.72	4.73	4.75	4.78	4.82	4.86	4.88	4.90	4.93	4.96	5.00	5.02
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	5.70	5.75	5.77	5.82	5.87	5.90	6.05	6.04	6.12	6.17	6.17	6.21	6.24
<b>WHOLESALE AND RETAIL TRADE</b> .....	3.67	3.67	3.68	3.71	3.73	3.74	3.78	3.79	3.82	3.84	3.84	3.89	3.90
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	4.02	4.08	4.08	4.11	4.18	4.14	4.18	4.16	4.18	4.26	4.22	4.26	4.33
<b>SERVICES</b> .....	3.97	3.99	3.99	4.01	4.04	4.06	4.08	4.10	4.15	4.22	4.22	4.25	4.26
<b>Average weekly earnings</b>													
<b>TOTAL PRIVATE:</b>													
Current dollars .....	159.92	160.11	160.47	161.19	162.36	163.44	165.43	166.06	167.61	169.88	170.35	173.12	173.38
1967 dollars <sup>2</sup> .....	101.67	101.40	101.12	101.06	101.10	100.76	101.62	101.57	101.89	102.65	102.37	103.60	-
Real spendable earnings (worker and 3 dependents, 1967 dollars) <sup>2</sup> .....	88.11	87.86	87.59	91.54	91.48	91.10	91.71	91.63	91.81	92.30	92.02	92.21	-

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

p = preliminary.

<sup>2</sup> Data revised, see page 126.

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

[1967 = 100]

Industry division and group	1975										1976		
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan. <sup>p</sup>	Feb. <sup>p</sup>
<b>TOTAL</b> .....	107.0	105.9	106.0	106.3	106.0	106.2	107.4	107.9	108.4	108.8	109.3	110.5	110.8
<b>GOODS-PRODUCING</b> .....	90.7	88.4	89.2	89.4	88.9	89.3	91.2	92.4	92.7	92.9	94.3	95.5	95.3
<b>MINING</b> .....	116.7	115.9	113.7	119.4	118.4	118.8	118.6	119.9	125.0	124.7	125.7	124.3	124.4
<b>CONTRACT CONSTRUCTION</b> .....	104.1	94.5	99.0	99.3	94.9	96.2	98.3	98.6	97.3	97.7	98.8	100.5	98.9
<b>MANUFACTURING</b> .....	87.4	86.4	86.6	86.6	86.8	87.1	89.0	90.3	90.8	90.9	92.5	93.7	93.7
<b>DURABLE GOODS</b> .....	87.9	86.6	86.5	85.4	85.2	84.9	86.7	87.7	87.8	88.1	90.0	91.3	91.2
Ordnance and accessories .....	48.3	47.7	47.7	47.5	46.9	44.7	43.7	43.0	42.9	40.8	41.5	41.8	41.5
Lumber and wood products .....	82.3	81.6	82.5	84.4	85.8	86.7	88.8	90.1	92.1	90.8	93.4	97.4	98.1
Furniture and fixtures .....	85.1	83.9	85.8	87.7	87.2	88.7	92.6	97.4	97.9	99.2	101.0	101.5	103.3
Stone, clay, and glass products .....	94.1	91.2	92.6	92.6	92.4	93.1	94.5	95.7	95.7	96.2	97.1	98.0	96.7
Primary metal industries .....	90.6	87.3	84.1	82.1	80.8	80.0	81.7	83.5	81.9	82.3	83.6	83.8	84.0
Fabricated metal products .....	92.1	90.2	90.1	89.0	88.5	86.7	90.9	92.0	92.8	92.7	94.6	95.8	97.3
Machinery, except electrical .....	100.8	98.3	96.6	93.1	91.3	90.4	91.0	91.8	91.9	92.0	92.5	93.4	92.5
Electrical equipment and supplies .....	85.3	84.3	83.3	81.9	81.8	81.6	84.3	84.9	85.8	85.5	87.5	89.1	88.9
Transportation equipment .....	75.1	77.3	80.4	80.2	81.4	82.0	82.9	82.2	81.5	83.1	87.3	89.0	87.9
Instruments and related products .....	100.7	98.3	98.2	97.1	97.0	98.1	97.2	99.4	100.8	101.7	103.4	105.0	105.6
Miscellaneous manufacturing, Ind. ....	87.3	85.6	86.0	86.5	87.0	87.7	89.0	91.4	91.3	90.3	91.7	94.1	93.3
<b>NONDURABLE GOODS</b> .....	86.7	86.0	86.7	88.2	89.1	90.2	92.4	94.1	95.1	95.0	96.2	97.1	97.2
Food and kindred products .....	92.5	92.6	92.4	92.9	93.1	93.4	96.1	96.9	96.5	95.1	95.4	97.0	98.0
Tobacco manufactures .....	86.9	86.7	83.4	80.3	86.7	80.8	85.8	88.1	85.6	93.4	87.4	90.6	88.1
Textile mill products .....	75.8	77.2	80.8	85.7	87.0	88.5	93.0	96.4	98.1	98.0	99.1	99.3	98.8
Apparel and other textile products .....	76.9	76.5	78.5	79.8	82.4	84.6	85.3	87.8	90.0	90.1	92.1	93.2	92.1
Paper and allied products .....	87.4	85.3	84.5	85.7	86.4	87.6	89.6	91.3	92.0	92.6	94.7	95.0	96.2
Printing and publishing .....	94.9	93.9	92.6	92.0	91.2	90.9	92.4	91.9	91.8	92.4	93.5	94.0	93.2
Chemicals and allied products .....	95.0	92.4	91.4	92.7	92.6	93.0	94.5	96.1	97.4	97.6	98.1	98.4	99.3
Petroleum and coal products .....	100.2	104.0	101.4	104.4	105.3	107.2	107.3	108.9	110.2	111.6	111.1	114.9	114.7
Rubber and plastics products, nec .....	104.2	100.4	102.1	105.1	105.1	106.9	110.6	113.0	114.7	113.5	116.2	117.7	119.0
Leather and leather products .....	64.4	63.0	65.8	66.8	69.6	71.4	72.1	74.9	77.2	77.2	78.1	78.9	79.4
<b>SERVICE-PRODUCING</b> .....	118.4	118.1	117.6	118.0	117.8	118.0	118.7	118.7	119.3	119.8	119.7	120.9	121.5
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	103.5	102.1	102.3	100.3	100.6	100.3	100.5	101.1	101.2	101.5	101.7	102.7	103.2
<b>WHOLESALE AND RETAIL TRADE</b> .....	113.7	113.9	113.4	113.9	113.7	114.0	114.6	114.6	115.1	115.2	115.5	116.9	117.5
<b>WHOLESALE TRADE</b> .....	112.1	111.6	111.5	111.4	110.3	110.8	111.0	111.3	112.0	111.5	112.3	113.1	113.8
<b>RETAIL TRADE</b> .....	114.2	114.8	114.0	114.8	115.0	115.2	115.9	115.8	116.2	116.6	116.6	118.3	118.8
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	124.5	123.6	122.1	122.9	123.2	122.3	122.9	123.5	123.7	125.1	124.5	125.1	125.8
<b>SERVICES</b> .....	129.9	129.6	129.3	130.3	129.9	130.4	131.4	131.1	132.0	133.1	132.3	133.4	134.3

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

p = preliminary.

**C-10. Hours of wage and salary workers<sup>1</sup> in nonagricultural establishments, by industry division**

Industry division	Annual rate Millions of hours <sup>2</sup>			Percent change <sup>3</sup>		
	December 1975	January 1976p	February 1976p	Feb. 1975 to Feb. 1976	Dec. 1975 to Jan. 1976	Jan. 1976 to Feb. 1976
	<b>TOTAL - ALL INDUSTRIES</b> .....	149,093	150,463	150,105	2.7	11.6
<b>TOTAL - PRIVATE</b> .....	119,369	120,659	120,947	3.0	13.8	2.9
<b>MINING</b> .....	1,712	1,695	1,708	7.0	-10.7	9.1
<b>CONTRACT CONSTRUCTION</b> .....	6,606	6,732	6,651	- 3.2	25.4	-13.5
<b>MANUFACTURING</b> .....	38,660	39,127	39,035	4.7	15.5	- 2.8
<b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....	9,289	9,363	9,397	- 0.3	9.9	4.6
<b>WHOLESALE AND RETAIL TRADE</b> .....	30,171	30,534	30,707	3.3	15.4	7.0
<b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....	8,071	8,103	8,145	1.1	4.8	6.5
<b>SERVICES</b> .....	24,861	25,105	25,303	3.5	12.5	9.9
<b>GOVERNMENT</b> .....	29,724	29,804	29,158	1.4	3.3	-23.1

<sup>1</sup> Data refer to hours paid for all employees—production workers, nonsupervisory workers and salaried workers—and are based largely on establishment data. See *BLS Handbook of Methods for Surveys and Studies—Chapter 25. Output Per Man-Hour Measures, Private Economy.*<sup>2</sup> "Annual rate" refers to total hours for 1 week in the month, seasonally adjusted, and expressed as an annual equivalent.<sup>3</sup> Percent change compounded at annual rates.  
p = preliminary.



**PRODUCTIVITY  
SEASONALLY ADJUSTED**

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

(1967 = 100)

Item	Annual average		Quarterly indexes											
			1973			1974				1975				
	1974	1975	II	III	IV	I	II	III	IV	I	II	III	IV	
<b>Total private:</b>														
Output per hour of all persons	110.8	112.2r	113.2	113.3	113.2	111.7	111.0	110.5	109.5r	109.8	111.4	114.0	114.2r	
Output	121.5	118.5	123.7	124.6	125.0	123.3	122.5	121.6	118.7	115.6	116.5	120.1	121.8r	
Hours	109.6	105.5	109.3	110.1r	110.5	110.4	110.3	110.0r	108.4r	105.3	104.6	105.3	106.6	
Compensation per hour	165.7r	180.8	149.5	152.0r	155.5	158.4	163.3r	168.3r	172.2r	176.6	179.3	182.3	185.7r	
Real compensation per hour	112.2	112.2r	113.7	113.1r	113.0r	111.9	112.3	112.4r	111.7r	112.3	112.4	112.0	112.2	
Unit labor costs	149.6	161.1r	132.1	134.2	137.4	141.8	147.1	152.3r	157.3	160.9	161.0	159.8	162.6r	
Unit nonlabor payments	133.4	149.7	125.1	127.9	130.0	130.4	131.0	134.1r	138.5	141.4	145.4	154.6	156.8	
Implicit price deflator	143.4	156.7	129.4	131.8	134.6	137.5	141.0	145.4	150.1	153.5	155.1	157.8	160.4r	
<b>Private nonfarm:</b>														
Output per hour of all persons	109.5	110.5	111.7	112.0	111.6	110.7	109.7	109.0	108.0	107.7	109.8	112.3	112.1r	
Output	122.0	118.5	124.2	125.3	125.3	123.9	123.0	122.2	119.1	115.5	116.7	120.0	121.7r	
Hours	111.5	107.2	111.1	111.8	112.4	111.9	112.2	112.1	110.3	107.2	106.3	106.8	108.5	
Compensation per hour	163.9	178.6r	147.7	150.4	153.8	157.0	161.5	165.9	170.2	173.9	176.8	180.6	183.4r	
Real compensation per hour	110.9	110.8r	112.3	111.9	111.8	110.9	111.0	110.8	110.4	110.7	110.9	110.9	110.9r	
Unit labor costs	149.7	161.7r	132.2	134.2	137.8	141.9	147.2	152.2	157.6	161.5	161.0	160.8	163.6r	
Unit nonlabor payments	128.4	145.7r	119.7	120.6	122.4	122.9	126.9	130.3	133.6	138.4	142.7	149.3	152.0	
Implicit price deflator	141.6	155.7r	127.5	129.1	132.0	134.7	139.6	144.0	148.6	152.8	154.1	156.4	159.2r	
<b>Manufacturing:</b>														
Output per hour of all persons	113.1r	112.4r	118.4r	118.1r	115.5r	113.8r	113.7r	112.1r	110.5r	110.2r	110.8r	113.5r	115.3r	
Output	115.4r	104.1r	122.4r	122.3r	120.8r	118.2r	116.8r	115.3r	109.6r	101.9r	100.8r	105.0r	108.8r	
Hours	102.0	92.6	103.4	103.6	104.6	103.9	102.7	102.8	99.2	92.5	91.0	92.5	94.4r	
Compensation per hour	161.1	177.9r	144.8r	147.5r	150.7r	153.0	158.7r	163.3r	169.1r	173.2	176.6r	179.4r	182.2r	
Real compensation per hour	109.1r	110.3r	110.1r	109.7r	109.6r	108.1r	109.1r	109.1r	109.6r	110.2r	110.7r	110.2r	110.1r	
Unit labor costs	142.4r	158.3r	122.3r	124.8r	130.5r	134.5r	139.6r	145.6r	153.0r	157.2r	159.3r	158.1r	158.0r	
<b>Nonfinancial corporations:</b>														
Output per all-employee hour	116.6r	121.1p	119.7r	120.1r	118.9r	117.5r	117.4r	116.1r	115.4r	115.9r	120.1r	123.6r	N.A.	
Output	127.8r	124.7p	131.2r	132.1r	132.0r	130.1r	129.4r	127.8r	124.3r	119.6r	122.3r	127.1r	N.A.	
Hours	109.7	103.0	109.6	110.0	111.0	110.6r	110.2	110.1	107.7r	103.2	101.8	102.8	N.A.	
Compensation per hour	171.7r	189.2p	155.0r	158.1r	161.1r	164.7r	169.4r	173.9r	178.8r	184.1r	187.5r	190.8r	N.A.	
Real compensation per hour	116.2r	117.3p	117.9r	117.6r	117.2r	116.3r	116.5r	116.2r	116.0r	117.1r	117.6r	117.2r	N.A.	
Total unit costs	151.2r	163.2p	131.9r	134.2r	138.2r	143.2r	147.9r	153.9r	160.0r	165.0r	163.2r	161.9r	N.A.	
Unit labor costs	147.3r	156.2p	129.5r	131.6r	135.5r	140.1r	144.3r	149.8r	155.0r	158.8r	156.1r	154.4r	N.A.	
Unit nonlabor costs	163.5r	185.1p	139.2r	142.0r	146.8r	152.6r	159.1r	166.9r	175.6r	184.2r	185.3r	185.3r	N.A.	
Unit profits	73.5r	96.4p	85.4r	84.4r	84.3r	77.9r	78.9r	71.2r	65.6r	68.7r	92.1r	108.5r	N.A.	
Implicit price deflator	139.7r	153.3p	125.0r	126.8r	130.2r	133.5r	137.7r	141.7r	146.0r	150.7r	152.6r	154.0r	N.A.	

p= preliminary.  
r= revised.

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

Item	Quarterly percent change								Annual percent change			
	II 1974	III 1974	IV 1974	I 1975	II 1975	III 1975	IV 1975	I 1974	II 1974	III 1974	IV 1974	
	to III 1974	to IV 1974	to I 1975	to II 1975	to III 1975	to IV 1975	to III 1974	to IV 1974	to I 1975	to II 1975	to III 1975	to IV 1975
Total private:												
Output per hour of all persons	- 1.9r	- 3.6r	1.0r	6.0	9.9	0.6r	- 2.4r	- 3.3	- 1.7	0.3	3.2	4.3r
Output	- 2.9	- 9.1	-10.2	3.2	13.1	5.6r	- 2.5	- 5.1	- 6.3	- 4.9	- 1.2	2.5r
Hours	- 1.0r	- 5.7r	-11.2r	- 2.7	2.9	5.0r	0.0	- 1.9r	- 4.6	- 5.2	- 4.3	- 1.7
Compensation per hour	12.7r	9.8r	10.5r	6.4	6.7	7.8r	10.7r	10.8r	11.5	9.8	8.3r	7.8
Real compensation per hour	0.3r	- 2.5	2.4r	0.4	- 1.6	0.9r	- 0.7	- 1.2r	0.4	0.1	- 0.4r	0.5
Unit labor costs	14.8r	13.9	9.4	0.4	- 2.9	7.1r	13.5r	14.5	13.4	9.5	5.0	3.4r
Unit nonlabor payments	9.9r	13.7	8.7r	11.7	27.8	5.9r	4.8r	6.5r	8.5	11.0	15.3r	13.2
Implicit price deflator	13.1	13.8	9.1	4.2	7.4	6.6r	10.3	11.6	11.6	10.0	8.6	6.8r
Private nonfarm:												
Output per hour of all persons	- 2.4	- 3.8	- 0.9	8.0	9.4	- 0.7r	- 2.7	- 3.2	- 2.7	0.1	3.0	3.9r
Output	- 2.7	- 9.7	-11.7	4.4	11.7	5.7r	- 2.5	- 5.0	- 6.8	- 5.1	- 1.8	2.1r
Hours	- 0.3	- 6.1	-10.9	- 3.4	2.1	6.4r	0.2	- 1.8	- 4.2	- 5.2	- 4.7	- 1.7r
Compensation per hour	11.6	10.7	9.1	6.8	8.7	6.5r	10.4	10.7	10.8	9.5	8.8	7.8r
Real compensation per hour	- 0.7	- 1.7	1.1	0.8	0.2	- 0.3r	- 1.0	- 1.3	- 0.3	- 0.1	0.1	0.5r
Unit labor costs	14.3	15.0	10.1	- 1.1	- 0.7	7.2r	13.4	14.4	13.8	9.4	5.6	3.8r
Unit nonlabor payments	11.1	10.4	15.4	12.9	19.8	7.5r	8.0	9.1	12.6	12.4	14.5	13.8
implicit price deflator	13.2	13.4	11.9	3.5	6.2	7.3r	11.5	12.5	13.4	10.4	8.7	7.2r
Manufacturing:												
Output per hour of all persons	- 5.3r	- 5.8r	- 1.1r	2.3r	9.9r	6.5r	- 5.1r	- 4.3r	- 3.2r	- 2.5r	1.2r	4.3r
Output	- 5.1r	-18.3r	-25.2r	- 4.1r	17.6r	15.4r	- 5.8r	- 9.3r	-13.8r	-13.7r	- 8.9r	- 0.7r
Hours	0.3	-13.3	-24.4	- 6.3	7.0	8.4	- 0.8	- 5.2	-11.0	-11.4	-10.0	- 4.8r
Compensation per hour	12.1r	15.0r	10.2r	8.0r	6.5r	6.4r	10.7r	12.2r	13.2r	11.3r	9.9r	7.8r
Real compensation per hour	- 0.3r	2.1r	2.0r	1.9r	- 1.9r	- 0.4	- 0.6r	0.0r	2.0r	1.5	1.0r	0.4r
Unit labor costs	18.4r	22.1r	11.4r	5.5r	- 3.2r	- 0.1r	16.6r	17.2r	16.9r	14.2r	8.6r	3.3r
Nonfinancial corporations:												
Output per all-employee hour	- 4.4r	- 2.5r	2.0r	15.3r	11.9r	N.A.	- 3.3r	- 3.0r	- 1.4r	2.3r	6.4r	N.A.
Output	- 4.6r	-10.7r	-14.2r	9.1r	16.7r	N.A.	- 3.2r	- 5.8r	- 8.0r	- 5.5r	- 0.6r	N.A.
Hours	- 0.1	- 8.4	-15.9	- 5.4	4.2	N.A.	0.1	- 2.9	- 6.7	- 7.6	- 6.6	N.A.
Compensation per hour	11.0r	11.7r	12.4r	7.6r	7.3r	N.A.	10.0r	11.0r	11.8r	10.7r	9.7r	N.A.
Real compensation per hour	- 1.2r	- 0.7r	4.0r	1.5r	- 1.1r	N.A.	- 1.2r	- 1.0r	0.7r	0.9r	0.9r	N.A.
Total unit costs	17.4r	16.7r	13.0r	- 4.3r	- 3.0r	N.A.	14.7r	15.7r	15.2r	10.3r	5.2r	N.A.
Unit labor costs	16.1r	14.6r	10.1r	- 6.7r	- 4.1r	N.A.	13.8r	14.4r	13.3r	8.2r	3.1r	N.A.
Unit nonlabor costs	20.9r	22.7r	21.1r	2.4r	- 0.1r	N.A.	17.5r	19.7r	20.7r	16.5r	11.1r	N.A.
Unit profits	-33.7r	-28.0r	20.5r	222.4r	92.8r	N.A.	-15.6r	-22.2r	-11.7r	18.7r	52.4r	N.A.
Implicit price deflator	12.1r	12.8r	13.5r	5.2r	3.6r	N.A.	11.7r	12.1r	12.9r	10.9r	8.7r	N.A.

p= preliminary.

r= revised.

**ESTABLISHMENTS 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		
	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P
<b>ALABAMA<sup>1</sup></b> .....	\$156.39	\$175.48	\$174.99	39.0	41.0	40.6	\$4.01	\$4.28	\$4.31
Birmingham <sup>1</sup> .....	196.26	212.05	205.13	40.3	40.7	39.6	4.87	5.21	5.18
Mobile.....	189.60	209.92	214.20	40.0	41.0	40.8	4.74	5.12	5.25
<b>ALASKA</b> .....	283.07	349.30	(*)	37.1	38.3	(*)	7.63	9.12	(*)
<b>ARIZONA</b> .....	183.69	199.20	196.00	39.0	40.0	39.2	4.71	4.98	5.00
Phoenix.....	185.33	198.40	195.92	39.1	40.0	39.5	4.74	4.96	4.96
Tucson.....	186.72	199.60	199.20	38.9	40.0	40.0	4.80	4.99	4.98
<b>ARKANSAS</b> .....	131.25	150.75	152.38	37.5	40.2	40.1	3.50	3.75	3.80
Fayetteville—Springdale.....	117.85	137.36	137.00	36.6	39.7	38.7	3.22	3.46	3.54
Fort Smith.....	123.89	148.57	150.54	35.6	39.2	39.1	3.48	3.79	3.85
Little Rock—North Little Rock.....	151.70	174.10	172.37	38.6	40.3	39.9	3.93	4.32	4.32
Pine Bluff.....	163.51	184.40	184.92	39.4	40.0	40.2	4.15	4.61	4.60
<b>CALIFORNIA</b> .....	155.39	217.22	216.11	39.0	40.3	39.8	5.01	5.39	5.43
Anaheim—Santa Ana—Garden Grove.....	184.27	207.00	203.31	39.8	41.4	40.5	4.63	5.00	5.02
Bakersfield.....	198.60	213.31	211.86	39.8	40.4	39.6	4.99	5.28	5.35
Fresno.....	174.79	186.31	188.10	38.5	38.1	38.0	4.54	4.89	4.95
Los Angeles—Long Beach.....	187.29	205.54	202.47	39.1	40.7	39.7	4.79	5.05	5.10
Modesto.....	185.44	207.48	198.32	38.0	39.9	37.0	4.88	5.20	5.36
Oxnard—Simi Valley—Ventura.....	167.52	185.81	185.19	38.6	39.2	38.5	4.34	4.74	4.81
Riverside—San Bernardino—Ontario.....	199.08	213.59	224.22	39.5	39.7	40.4	5.04	5.38	5.55
Sacramento.....	200.93	234.42	225.79	36.4	39.8	38.4	5.52	5.89	5.88
Salinas—Seaside—Monterey.....	180.91	187.10	203.06	36.4	36.4	38.9	4.97	5.14	5.22
San Diego.....	190.12	212.40	219.91	39.2	39.7	40.8	4.85	5.35	5.39
San Francisco—Oakland.....	229.25	255.71	254.41	38.4	39.4	38.9	5.97	6.49	6.54
San Jose.....	202.28	238.39	235.98	38.9	40.2	39.2	5.20	5.93	6.02
Santa Barbara—Santa Maria—Lompoc.....	158.10	187.22	187.80	37.2	40.7	40.3	4.25	4.60	4.66
Santa Rosa.....	171.81	192.15	192.52	36.4	36.6	36.6	4.72	5.25	5.26
Stockton.....	210.37	237.41	234.60	38.6	39.9	39.1	5.45	5.95	6.00
Vallejo—Fairfield—Napa.....	213.29	226.76	217.67	38.5	39.3	37.4	5.54	5.77	5.82
<b>COLORADO</b> .....	190.70	208.80	208.30	39.4	40.0	39.6	4.84	5.22	5.26
Denver—Boulder.....	193.75	214.65	211.07	39.3	40.5	39.9	4.93	5.30	5.29
<b>CONNECTICUT</b> .....	188.85	207.50	200.56	40.7	41.5	40.6	4.64	5.00	4.94
Bridgeport <sup>2</sup> .....	190.40	215.13	209.61	40.2	42.1	41.1	4.76	5.11	5.10
Hartford <sup>2</sup> .....	208.92	243.60	226.59	41.7	43.5	41.5	5.01	5.60	5.46
New Britain <sup>2</sup> .....	194.28	211.84	205.73	40.9	41.7	40.9	4.75	5.08	5.03
New Haven <sup>2</sup> .....	183.28	208.98	201.40	39.5	41.3	40.2	4.64	5.06	5.01
Stamford.....	206.25	207.47	212.58	41.5	40.6	41.6	4.97	5.11	5.11
Waterbury.....	164.83	178.50	175.95	40.8	42.1	41.4	4.04	4.24	4.25
<b>DELAWARE<sup>1</sup></b> .....	192.18	217.40	225.74	39.3	39.1	40.6	4.89	5.56	5.56
Wilmington <sup>1</sup> .....	214.11	240.69	247.66	39.0	39.2	40.8	5.49	6.14	6.07
<b>DISTRICT OF COLUMBIA:</b> Washington SMSA.....	214.48	207.62	202.75	38.3	39.1	38.4	5.60	5.31	5.28
<b>FLORIDA</b> .....	152.49	170.57	165.61	39.0	41.3	40.1	3.91	4.13	4.13
Fort Lauderdale—Hollywood.....	152.48	168.24	162.35	39.3	39.4	38.2	3.88	4.27	4.25
Jacksonville.....	173.35	212.78	204.67	38.1	42.9	41.6	4.55	4.96	4.92
Miami.....	139.09	149.63	146.25	37.9	39.9	39.0	3.67	3.75	3.75
Orlando.....	165.23	167.66	168.92	41.0	40.4	41.0	4.03	4.15	4.12
Pensacola.....	172.90	218.36	223.78	38.0	42.4	43.2	4.55	5.15	5.18
Tampa—St. Petersburg.....	165.06	183.96	177.36	39.3	42.0	40.4	4.20	4.38	4.39
West Palm Beach—Boca Raton.....	194.79	220.78	231.54	45.3	45.9	45.4	4.30	4.81	5.10
<b>GEORGIA<sup>1</sup></b> .....	137.99	166.91	164.43	36.7	41.4	40.7	3.76	4.08	4.04
Atlanta <sup>1</sup> .....	170.31	201.14	195.39	38.1	40.8	39.0	4.47	4.93	5.01
Savannah <sup>1</sup> .....	177.42	208.45	187.73	40.6	43.7	40.9	4.37	4.77	4.59
<b>HAWAII</b> .....	174.38	188.55	184.01	37.5	39.2	37.4	4.65	4.81	4.92
Honolulu.....	170.48	184.51	180.05	36.9	38.6	36.3	4.62	4.78	4.96
<b>IDAHO</b> .....	177.08	198.50	197.11	38.0	39.7	39.9	4.66	5.00	4.94

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		
	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P
ILLINOIS	\$205.66	(*)	(*)	39.5	(*)	(*)	\$5.21	(*)	(*)
INDIANA	208.82	\$239.87	\$236.47	39.4	41.5	40.7	5.30	\$5.78	\$5.81
Indianapolis	212.26	245.01	(*)	40.2	42.4	(*)	5.28	5.78	(*)
IOWA	208.82	225.28	225.52	39.7	40.3	40.2	5.26	5.59	5.61
Cedar Rapids	211.34	230.87	237.28	40.8	41.9	42.6	5.18	5.51	5.57
Des Moines	216.46	240.17	230.89	39.5	40.5	39.2	5.48	5.93	5.89
Dubuque	247.29	263.64	270.36	38.7	39.0	39.7	6.39	6.76	6.81
Sioux City	181.42	197.38	210.41	38.6	38.4	39.7	4.70	5.14	5.30
Waterloo—Cedar Falls	263.57	270.52	287.53	40.8	39.9	40.9	6.46	6.78	7.03
KANSAS	182.82	204.46	203.08	40.7	41.9	41.7	4.49	4.88	4.87
Topeka	195.86	199.56	212.35	40.9	39.9	42.6	4.79	5.00	4.98
Wichita	202.13	223.78	221.18	42.0	42.3	41.4	4.82	5.29	5.34
KENTUCKY <sup>1</sup>	172.73	191.44	191.60	38.3	39.8	40.0	4.51	4.81	4.79
Louisville <sup>1</sup>	203.81	234.17	(*)	38.6	41.3	(*)	5.28	5.67	(*)
LOUISIANA	180.65	213.85	211.56	38.6	42.6	41.0	4.68	5.02	5.16
Baton Rouge	232.81	259.11	261.46	42.1	42.2	41.9	5.53	6.14	6.24
New Orleans	189.93	213.85	207.97	41.2	42.6	41.1	4.61	5.02	5.06
Shreveport	164.12	191.13	190.15	38.8	42.1	41.7	4.23	4.54	4.56
MAINE <sup>1</sup>	146.10	158.30	161.20	39.7	40.8	40.4	3.68	3.88	3.99
Lewiston—Auburn <sup>1</sup>	117.76	132.60	136.17	36.8	39.0	39.7	3.20	3.40	3.43
Portland <sup>2</sup>	148.83	174.50	170.34	39.9	40.3	39.8	3.73	4.33	4.28
MARYLAND <sup>1</sup>	188.47	206.59	205.80	38.7	39.5	39.2	4.87	5.23	5.25
Baltimore <sup>1</sup>	195.94	218.65	217.40	38.8	39.9	39.6	5.05	5.48	5.49
MASSACHUSETTS	169.56	186.65	183.28	38.8	40.4	39.5	4.37	4.62	4.64
Boston <sup>3</sup>	186.42	203.21	198.63	39.0	40.4	39.1	4.78	5.03	5.08
Brockton <sup>3</sup>	139.87	152.88	146.60	37.2	39.0	36.7	3.76	3.92	3.94
Fall River <sup>3</sup>	111.44	133.59	130.05	32.3	36.6	35.6	3.45	3.65	3.67
Lawrence—Haverhill <sup>3</sup>	166.49	178.54	177.06	38.9	39.5	39.0	4.28	4.52	4.54
Lowell <sup>3</sup>	150.54	166.18	162.12	38.7	39.1	38.6	3.89	4.25	4.20
New Bedford <sup>3</sup>	141.23	157.18	151.18	36.4	39.1	37.7	3.88	4.02	4.01
Springfield—Chicopee—Holyoke <sup>3</sup>	170.91	188.55	187.27	39.2	40.9	40.1	4.36	4.61	4.67
Worcester <sup>3</sup>	178.36	187.60	183.38	39.2	40.0	39.1	4.55	4.69	4.69
MICHIGAN	230.80	291.71	270.09	39.8	44.4	41.4	5.80	6.57	6.52
Ann Arbor	248.46	317.90	287.36	40.4	45.9	41.4	6.15	6.93	6.94
Battle Creek	244.65	271.24	268.62	40.7	42.0	41.3	6.01	6.46	6.50
Bay City	248.64	274.04	287.01	43.1	44.3	46.6	5.77	6.19	6.16
Detroit	242.69	316.39	284.10	39.5	45.9	41.3	6.14	6.89	6.88
Flint	261.33	335.72	321.40	39.8	45.3	44.3	6.57	7.41	7.26
Grand Rapids	197.53	225.50	221.23	39.2	41.3	40.6	5.04	5.46	5.45
Jackson	221.48	233.00	235.39	40.0	40.6	40.3	5.54	5.74	5.84
Kalamazoo—Portage	213.68	244.52	248.69	40.4	41.6	41.6	5.29	5.88	5.98
Lansing—East Lansing	232.71	309.41	299.48	39.0	44.1	42.6	5.97	7.02	7.03
Muskegon—Norton Shores—Musk. Hgts	211.41	232.88	233.69	40.9	41.4	41.1	5.17	5.63	5.69
Saginaw	261.38	339.93	332.56	39.4	45.0	44.1	6.63	7.55	7.54
MINNESOTA	193.26	215.61	214.40	39.2	40.3	40.0	4.93	5.35	5.36
Duluth—Superior	190.38	205.44	206.45	42.4	40.6	40.8	4.49	5.06	5.06
Minneapolis—St. Paul	208.00	232.31	229.64	40.0	40.9	40.5	5.20	5.68	5.67
MISSISSIPPI <sup>1</sup>	127.65	153.18	149.60	37.0	41.4	40.0	3.45	3.70	3.74
Jackson	131.86	158.84	150.48	38.0	41.8	39.6	3.47	3.80	3.80
MISSOURI <sup>1</sup>	173.66	202.46	199.20	38.0	40.9	40.0	4.57	4.95	4.98
Kansas City <sup>1</sup>	200.43	234.35	225.76	39.3	41.7	40.1	5.10	5.62	5.63
St. Joseph	179.86	190.28	194.21	40.6	40.4	40.8	4.43	4.71	4.76
St. Louis	200.41	235.94	231.65	38.1	41.4	40.4	5.26	5.70	5.73
Springfield	161.20	162.82	165.39	39.9	38.4	39.1	4.04	4.24	4.23
MONTANA <sup>1</sup>	195.30	220.49	221.69	37.2	39.8	39.8	5.25	5.54	5.57

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		
	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P
<b>NEBRASKA</b> .....	\$172.92	\$197.83	(*)	40.0	42.0	(*)	\$4.33	\$4.71	(*)
Lincoln .....	157.89	181.94	(*)	38.2	40.2	(*)	4.14	4.53	(*)
Omaha .....	185.03	223.28	(*)	39.2	42.3	(*)	4.72	5.28	(*)
<b>NEVADA</b> .....	201.88	210.93	213.84	38.6	39.5	39.6	5.23	5.34	5.40
Las Vegas .....	244.40	202.03	(*)	40.0	41.1	(*)	6.11	6.39	(*)
<b>NEW HAMPSHIRE</b> .....	145.54	166.85	160.75	38.3	40.4	39.4	3.80	4.13	4.08
Manchester <sup>2</sup> .....	133.14	149.72	147.83	37.4	39.4	38.8	3.56	3.80	3.81
<b>NEW JERSEY</b> .....	190.24	214.43	211.86	39.8	41.8	40.9	4.78	5.13	5.18
Atlantic City .....	153.35	153.56	154.11	36.6	35.3	34.4	4.19	4.35	4.48
Camden <sup>4</sup> .....	176.40	191.92	189.64	39.2	39.9	39.1	4.50	4.81	4.85
Hackensack <sup>5</sup> .....	179.64	205.03	199.41	38.8	40.6	39.1	4.63	5.05	5.10
Jersey City <sup>5</sup> .....	188.25	196.49	200.20	39.3	40.1	40.2	4.79	4.90	4.98
New Bruns.—Perth Amboy—Sayreville <sup>5</sup> .....	204.72	228.11	222.49	40.3	41.1	40.6	5.08	5.55	5.48
Newark <sup>5</sup> .....	198.70	225.41	220.29	40.8	43.1	41.8	4.87	5.23	5.27
Paterson—Clifton—Passaic <sup>5</sup> .....	179.14	199.20	200.79	39.2	41.5	41.4	4.57	4.80	4.85
Trenton .....	208.44	245.78	236.72	42.8	45.6	44.0	4.87	5.39	5.38
<b>NEW MEXICO</b> .....	134.49	155.77	153.47	38.1	41.1	40.6	3.53	3.79	3.78
Albuquerque .....	143.89	164.59	157.08	39.1	43.2	40.8	3.68	3.81	3.85
<b>NEW YORK</b> .....	185.37	203.89	202.79	38.7	39.9	39.3	4.79	5.11	5.16
Albany—Schenectady—Troy .....	190.48	217.15	210.89	39.6	41.6	40.4	4.81	5.22	5.22
Binghamton .....	177.41	188.17	197.47	39.6	41.2	40.8	4.48	4.81	4.84
Buffalo .....	225.12	257.71	256.00	40.2	41.3	40.7	5.60	6.24	6.29
Elmira .....	175.87	192.94	190.71	39.7	39.7	39.0	4.43	4.86	4.89
Monroe County <sup>6</sup> .....	228.66	265.64	262.92	40.4	42.3	41.8	5.66	6.28	6.29
Nassau—Suffolk <sup>7</sup> .....	182.67	194.89	193.45	39.2	40.1	39.4	4.66	4.86	4.91
New York—Northeastern New Jersey .....	181.25	(*)	(*)	38.4	(*)	(*)	4.72	(*)	(*)
New York and Nassau—Suffolk <sup>5</sup> .....	172.61	184.70	(*)	37.2	38.4	(*)	4.64	4.81	(*)
New York SMSA <sup>7</sup> .....	170.29	182.88	(*)	36.7	38.1	(*)	4.64	4.80	(*)
New York City <sup>8</sup> .....	169.73	181.44	(*)	36.5	37.8	(*)	4.65	4.80	(*)
Poughkeepsie .....	185.37	211.97	204.91	38.7	41.0	40.1	4.79	5.17	5.11
Rochester .....	219.78	251.58	249.64	40.4	42.0	41.4	5.44	5.99	6.03
Rockland County <sup>8</sup> .....	182.52	208.92	203.10	41.2	42.9	42.4	4.43	4.87	4.79
Syracuse .....	199.75	221.01	(*)	40.6	41.7	(*)	4.92	5.30	(*)
Utica—Rome .....	171.68	184.17	183.26	40.3	40.3	40.1	4.26	4.57	4.57
Westchester County <sup>8</sup> .....	176.40	188.65	188.57	38.6	39.8	38.8	4.57	4.74	4.86
<b>NORTH CAROLINA</b> .....	122.79	148.19	147.63	35.8	40.6	39.9	3.43	3.65	3.70
Asheville .....	126.97	144.54	142.88	37.9	40.6	39.8	3.35	3.56	3.59
Charlotte—Gastonia .....	123.34	149.92	148.23	36.6	41.3	40.5	3.37	3.63	3.66
Greensboro—Winston-Salem—High Point .....	138.38	158.39	161.20	36.9	40.2	40.2	3.75	3.94	4.01
Raleigh—Durham .....	143.50	161.60	161.95	36.7	40.0	39.5	3.91	4.04	4.10
<b>NORTH DAKOTA</b> .....	158.21	186.35	183.35	38.4	40.6	39.6	4.12	4.59	4.63
Fargo—Moorhead .....	176.51	189.91	195.77	39.4	39.4	40.2	4.48	4.82	4.87
<b>OHIO</b> .....	213.07	245.86	238.45	39.9	42.1	40.9	5.34	5.84	5.83
Akron .....	231.85	258.66	251.34	41.7	43.4	42.1	5.56	5.96	5.97
Canton .....	219.20	231.64	233.23	40.0	39.8	39.8	5.48	5.82	5.86
Cincinnati .....	200.79	236.26	223.31	40.4	42.8	40.9	4.97	5.52	5.46
Cleveland .....	217.88	254.49	244.55	40.2	42.7	41.1	5.42	5.96	5.95
Columbus .....	195.82	228.39	222.75	38.7	41.3	40.5	5.06	5.53	5.50
Dayton .....	218.80	267.09	258.03	40.0	43.5	42.3	5.47	6.14	6.10
Toledo .....	216.70	260.58	250.08	39.4	43.0	41.2	5.50	6.06	6.07
Youngstown—Warren .....	239.07	265.28	261.23	39.0	39.3	38.7	6.13	6.75	6.75
<b>OKLAHOMA</b> .....	169.20	189.01	190.13	40.0	41.0	40.8	4.23	4.61	4.66
Oklahoma City .....	173.17	191.82	194.34	39.9	40.9	41.0	4.34	4.69	4.74
Tulsa .....	187.57	208.38	209.10	40.6	41.1	41.0	4.62	5.07	5.10
<b>OREGON</b> .....	195.57	224.84	223.49	36.9	38.9	38.4	5.30	5.78	5.82
Eugene—Springfield .....	180.63	238.00	233.40	33.7	39.8	38.9	5.36	5.98	6.00
Jackson County .....	174.92	217.73	(*)	34.5	37.8	(*)	5.07	5.76	(*)
Portland .....	202.90	227.13	224.45	38.5	39.5	38.9	5.27	5.75	5.77

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		
	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P
<b>PENNSYLVANIA</b>	\$184.61	\$202.27	\$199.69	38.3	39.2	38.7	\$4.82	\$5.16	\$5.16
Allentown—Bethlehem—Easton	184.89	196.45	195.70	38.2	38.9	38.6	4.84	5.05	5.07
Altoona	156.15	157.75	162.43	37.9	36.6	37.6	4.12	4.31	4.32
Delaware Valley <sup>9</sup>	192.18	217.48	(*)	39.3	40.2	(*)	4.89	5.41	(*)
Erie	199.67	216.84	210.20	41.0	41.7	40.5	4.87	5.20	5.19
Harrisburg	165.07	182.35	180.85	38.6	39.3	39.4	4.38	4.64	4.59
Johnstown	211.25	228.92	225.75	38.2	37.9	37.5	5.53	6.04	6.02
Lancaster	162.89	184.98	185.60	38.6	40.3	40.0	4.22	4.59	4.64
Northeast Pennsylvania	135.94	147.13	147.50	35.4	36.6	36.6	3.84	4.02	4.03
Philadelphia SMSA	190.21	213.33	211.58	39.3	40.1	39.4	4.84	5.32	5.37
Pittsburgh	225.88	240.95	241.16	40.4	39.5	39.6	5.69	6.10	6.09
Reading	168.78	182.82	182.42	38.1	39.4	39.4	4.43	4.64	4.63
Scranton <sup>10</sup>	132.30	145.60	145.60	35.0	36.4	36.4	3.78	4.00	4.00
Wilkes-Barre—Hazleton <sup>11</sup>	134.85	145.27	145.60	35.3	36.5	36.4	3.82	3.98	4.00
Williamsport	167.42	179.54	179.21	39.3	39.2	39.3	4.26	4.58	4.56
York	170.80	191.86	188.19	40.0	41.8	41.0	4.27	4.59	4.59
<b>RHODE ISLAND</b>	147.42	157.61	159.60	39.0	39.9	39.8	3.78	3.95	4.01
Providence—Warwick—Pawtucket <sup>2</sup>	145.14	158.40	160.80	38.6	40.0	39.9	3.76	3.96	4.03
<b>SOUTH CAROLINA<sup>1</sup></b>	128.08	155.25	(*)	36.7	41.4	(*)	3.49	3.75	(*)
Charleston <sup>1</sup>	155.63	179.35	(*)	39.5	42.2	(*)	3.94	4.25	(*)
Columbia <sup>1</sup>	137.21	150.46	(*)	37.8	35.7	(*)	3.63	3.79	(*)
Greenville—Spartanburg <sup>1</sup>	121.41	157.25	(*)	35.5	41.6	(*)	3.42	3.78	(*)
<b>SOUTH DAKOTA</b>	166.46	183.43	180.43	40.6	41.5	41.1	4.10	4.42	4.39
Sioux Falls	216.93	231.55	233.94	43.3	42.1	41.7	5.01	5.50	5.61
<b>TENNESSEE</b>	147.07	166.46	165.24	38.2	41.1	40.4	3.85	4.05	4.09
Chattanooga <sup>1</sup>	158.34	183.18	178.45	39.0	42.7	41.5	4.06	4.29	4.30
Knoxville	170.37	189.41	193.55	38.2	40.3	40.5	4.46	4.70	4.78
Memphis <sup>1</sup>	176.47	199.13	193.03	38.7	41.4	39.8	4.56	4.81	4.85
Nashville—Davidson	150.40	172.18	172.33	37.5	40.8	39.8	4.00	4.22	4.33
<b>TEXAS</b>	173.89	199.50	196.73	39.7	42.0	40.9	4.38	4.75	4.81
Amarillo	161.52	180.20	178.78	39.3	42.5	41.5	4.11	4.24	4.31
Austin	142.92	172.22	172.23	39.7	41.6	41.5	3.60	4.14	4.15
Beaumont—Port Arthur—Orange <sup>1</sup>	212.39	262.03	260.07	39.1	41.2	40.7	5.38	6.36	6.39
Corpus Christi	188.19	212.08	202.98	41.0	41.1	39.8	4.59	5.16	5.10
Dallas—Fort Worth	167.09	186.78	184.09	39.5	41.6	41.0	4.23	4.49	4.49
El Paso <sup>1</sup>	123.71	136.93	135.84	34.2	38.9	38.7	3.41	3.52	3.51
Galveston—Texas City	256.63	314.18	313.65	42.7	45.6	45.0	6.01	6.85	6.97
Houston	215.39	241.11	241.92	42.4	43.6	43.2	5.08	5.53	5.60
Lubbock	141.04	153.85	154.93	41.0	42.5	42.1	3.44	3.62	3.68
San Antonio	135.38	154.54	152.46	40.9	42.8	42.0	3.31	3.62	3.63
Waco	151.32	165.70	165.65	38.9	41.9	40.9	3.89	4.05	4.05
Wichita Falls	146.22	163.44	165.09	39.2	39.1	39.4	3.73	4.18	4.19
<b>UTAH</b>	156.00	157.49	157.82	39.0	38.6	38.4	4.00	4.08	4.11
Salt Lake City—Ogden	156.41	159.53	158.65	39.8	35.1	38.8	3.93	4.08	4.09
<b>VERMONT</b>	159.19	176.81	174.66	40.2	41.8	41.0	3.96	4.23	4.26
Burlington	175.08	210.33	210.27	40.7	43.1	43.0	4.40	4.88	4.89
Springfield	188.33	202.18	187.05	41.3	43.2	40.4	4.56	4.68	4.63
<b>VIRGINIA<sup>1</sup></b>	145.91	168.50	168.06	37.8	40.8	40.4	3.86	4.13	4.16
Lynchburg	144.77	172.19	169.33	38.3	42.1	41.3	3.78	4.09	4.10
Norfolk—Virginia Beach—Portsmouth	147.04	168.63	170.91	38.9	39.4	39.2	3.78	4.28	4.36
Northern Virginia <sup>1,2</sup>	190.51	207.25	203.69	39.2	41.7	41.4	4.86	4.97	4.92
Richmond	171.11	203.52	202.37	38.8	42.4	41.3	4.41	4.80	4.90
Roanoke	135.20	145.76	153.59	38.3	35.5	41.4	3.53	3.69	3.71
<b>WASHINGTON</b>	211.46	234.69	235.46	38.1	38.6	38.6	5.55	6.08	6.10
Seattle—Everett	220.02	242.19	245.23	38.6	39.0	39.3	5.70	6.21	6.24
Spokane	197.46	202.20	217.09	39.1	37.1	39.4	5.05	5.45	5.51
Tacoma	211.97	228.92	229.67	38.4	37.9	38.6	5.52	6.04	5.95
<b>WEST VIRGINIA</b>	186.44	203.60	208.35	38.6	40.0	40.3	4.83	5.09	5.17
Charleston	210.31	234.27	238.37	40.6	41.1	41.6	5.18	5.70	5.73
Huntington—Ashland	205.25	229.94	236.40	38.8	40.2	40.9	5.29	5.72	5.78
Wheeling	200.99	217.89	225.48	39.8	40.5	40.7	5.05	5.38	5.54

See footnotes at end of table.

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

**C-13. Gross hours and earning of production workers on manufacturing payrolls, by State and selected areas—Continued**

State and area	Average weekly earnings			Average weekly hours			Average hourly earnings		
	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P	JAN. 1975	DEC. 1975	JAN. 1976P
<b>WISCONSIN</b> <sup>1</sup> .....	\$204.28	\$225.97	\$226.24	40.1	41.1	40.7	\$5.10	\$5.50	\$5.56
Appleton—Oshkosh <sup>1</sup> .....	194.50	216.89	214.64	40.3	41.9	41.3	4.82	5.18	5.20
Green Bay <sup>1</sup> .....	207.53	238.49	231.40	41.1	43.6	42.4	5.05	5.47	5.46
Kenosha <sup>1</sup> .....	224.30	236.60	256.48	37.0	35.8	39.0	6.06	6.60	6.58
La Crosse <sup>1</sup> .....	169.82	199.16	183.51	40.9	42.8	40.3	4.15	4.66	4.56
Madison <sup>1</sup> .....	222.04	248.15	247.26	39.4	40.7	40.5	5.64	6.10	6.11
Milwaukee <sup>1</sup> .....	225.39	246.87	246.26	40.6	41.0	40.5	5.55	6.02	6.08
Racine <sup>1</sup> .....	222.47	240.94	237.46	40.1	40.4	40.1	5.55	5.96	5.93
<b>WYOMING</b> .....	199.30	209.29	(*)	40.1	40.8	(*)	4.97	5.13	(*)
Casper.....	218.83	250.93	(*)	38.8	41.8	(*)	5.64	6.00	(*)
Cheyenne.....	164.52	161.56	(*)	31.1	30.8	(*)	5.29	5.25	(*)

<sup>1</sup> Revised to 1975 benchmark; not strictly comparable with previously published data.  
<sup>2</sup> Change in area definition. For details see table B-8.  
<sup>3</sup> Data not comparable prior to August 1975 due to change in area definition.  
<sup>4</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.  
<sup>5</sup> Subarea of New York—Northeastern New Jersey.  
<sup>6</sup> Subarea of Rochester Standard Metropolitan Statistical Area.  
<sup>7</sup> Area included in New York and Nassau—Suffolk combined SMSA's.  
<sup>8</sup> Subarea of New York Standard Metropolitan Statistical Area.  
<sup>9</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>10</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.  
<sup>11</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.  
<sup>12</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, and Falls Church cities and Arlington, Fairfax, Loudoun and Prince William Counties, Virginia.  
 \* Not available.  
 p= preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

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.
<b>Total accessions</b>													
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	-	4.0 <sub>p</sub>											
<b>New hires</b>													
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	-	2.1 <sub>p</sub>											
<b>Total separations</b>													
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 <sub>p</sub>											
<b>Quits</b>													
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	-	1.3 <sub>p</sub>											
<b>Layoffs</b>													
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	1.2	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	-	1.6 <sub>p</sub>											

p=preliminary.



**ESTABLISHMENT DATA**  
**LABOR TURNOVER**

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**D-2. Labor turnover rates, by industry**

[Per 100 employees]

SIC Code	Industry	Accession rates						Separation rates								
		Total			New hires			Total			Quits			Layoffs		
		Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>
	<b>MANUFACTURING</b>	3.7	2.2	4.0	2.0	1.3	2.1	4.2	3.4	3.8	1.4	0.9	1.3	2.1	1.9	1.6
19,24, 25,32-39	<b>DURABLE GOODS</b>	3.3	2.0	3.7	1.5	1.0	1.7	4.0	3.1	3.4	1.1	.7	1.0	2.1	1.8	1.6
20-23, 26-31	<b>NONDURABLE GOODS</b>	4.2	2.6	4.4	2.6	1.7	2.7	4.5	4.0	4.2	1.8	1.3	1.7	2.0	2.1	1.7
	<b>DURABLE GOODS</b>															
19	<b>ORDNANCE AND ACCESSORIES</b>	1.6	.8	-	.9	.4	-	2.1	1.6	-	.6	.3	-	1.1	1.0	-
192	Ammunition, except for small arms	1.5	.6	-	.8	.2	-	2.2	1.7	-	.5	.2	-	1.2	1.2	-
24	<b>LUMBER AND WOOD PRODUCTS</b>	5.4	3.0	5.2	3.6	2.1	3.4	5.4	4.3	4.9	2.4	1.6	2.0	2.1	2.0	2.2
242	Sawmills and planing mills	5.1	2.9	-	3.5	2.2	-	5.1	3.5	-	2.4	1.6	-	1.9	1.3	-
2421	Sawmills and planing mills, general	4.9	2.8	-	3.3	2.1	-	4.9	3.5	-	2.3	1.5	-	1.7	1.4	-
243	Millwork, plywood and related products	5.3	2.8	-	3.6	2.0	-	5.0	4.3	-	2.4	1.6	-	1.8	2.0	-
2431	Millwork	5.5	3.0	-	3.9	2.1	-	4.7	3.7	-	2.3	1.7	-	1.4	1.3	-
2432	Veneer and plywood	4.8	2.8	-	3.2	2.1	-	4.4	3.3	-	2.3	1.7	-	1.3	1.1	-
244	Wooden containers	7.1	4.2	-	5.1	3.3	-	7.6	6.0	-	3.9	3.1	-	2.9	2.3	-
2441,2	Wooden boxes, shooks, and crates	6.7	4.7	-	4.8	3.7	-	7.4	6.5	-	3.7	3.3	-	3.0	2.5	-
249	Miscellaneous wood products	5.4	3.5	-	3.6	2.2	-	5.8	4.0	-	2.5	1.7	-	2.4	1.4	-
25	<b>FURNITURE AND FIXTURES</b>	5.1	3.1	6.1	3.1	2.2	3.8	5.4	4.2	5.3	2.1	1.6	2.3	2.3	1.9	1.7
251	Household furniture	5.4	3.0	-	3.5	2.4	-	5.5	3.8	-	2.4	1.8	-	2.1	1.2	-
2511	Wood household furniture	5.7	3.3	-	3.6	2.8	-	5.8	3.9	-	2.6	2.0	-	2.2	1.0	-
2512	Upholstered household furniture	4.4	2.5	-	3.1	2.0	-	4.4	2.8	-	2.1	1.6	-	1.5	.5	-
2515	Mattresses and bedsprings	4.6	2.0	-	3.4	1.4	-	4.6	3.9	-	2.2	1.5	-	1.5	1.5	-
252	Office furniture	3.7	3.8	-	1.3	1.1	-	5.0	4.5	-	1.2	.7	-	3.1	3.3	-
32	<b>STONE, CLAY, AND GLASS PRODUCTS</b>	3.7	2.2	3.8	1.9	1.1	1.4	4.4	5.3	4.5	1.3	.8	1.1	2.3	3.8	2.6
321	Flat glass	4.1	2.4	-	.6	1.5	-	3.9	2.5	-	.4	.2	-	2.7	1.9	-
322	Glass and glassware, pressed or blown	3.2	1.8	-	1.5	.8	-	3.6	3.2	-	1.0	.6	-	1.6	1.9	-
3221	Glass containers	3.3	1.6	-	1.9	.7	-	3.3	3.2	-	1.2	.6	-	1.3	2.2	-
3229	Pressed and blown glass, nec	3.2	2.1	-	.9	.9	-	4.0	3.3	-	.8	.5	-	2.0	1.6	-
324	Cement, hydraulic	2.9	2.1	-	.7	.4	-	4.1	8.0	-	.4	.2	-	3.1	7.0	-
325	Structural clay products	4.3	1.9	-	2.7	1.5	-	5.3	5.8	-	2.1	1.2	-	2.5	4.1	-
3251	Brick and structural clay tile	6.3	2.1	-	4.0	1.9	-	6.9	8.9	-	3.1	1.9	-	2.9	6.5	-
326	Pottery and related products	4.1	3.2	-	1.8	1.2	-	4.9	3.5	-	1.3	.8	-	2.4	1.9	-
3291	Abrasive products	1.8	1.5	-	.8	.7	-	3.2	1.6	-	.6	.3	-	1.8	.6	-
33	<b>PRIMARY METAL INDUSTRIES</b>	2.7	2.2	3.4	.8	.4	.7	3.9	2.6	2.9	.6	.3	.5	2.5	1.7	1.4
331	Blast furnace and basic steel products	2.9	3.1	-	.4	.2	-	4.2	3.2	-	.3	.1	-	3.0	2.5	-
3312	Blast furnaces and steel mills	2.8	3.2	-	.3	.1	-	4.2	3.1	-	.2	.1	-	3.0	2.4	-
332	Iron and steel foundries	2.9	1.5	-	1.4	.6	-	3.9	2.4	-	1.2	.6	-	1.8	1.3	-
3321	Gray iron foundries	2.9	1.5	-	1.2	.7	-	3.9	2.3	-	1.2	.6	-	1.9	1.2	-
3322	Malleable iron foundries	3.5	2.5	-	1.2	.1	-	5.4	1.8	-	1.1	.3	-	3.2	1.0	-
3323	Steel foundries	2.7	1.3	-	2.0	.7	-	3.3	2.7	-	1.3	.6	-	1.1	1.5	-
333,4	Nonferrous metals	1.8	1.3	-	.8	.6	-	3.0	1.6	-	.6	.4	-	1.7	.7	-
335	Nonferrous rolling and drawing	2.2	1.2	-	.5	.4	-	3.3	1.7	-	.4	.3	-	2.2	.8	-
3351	Copper rolling and drawing	2.6	1.0	-	.5	.4	-	3.2	1.3	-	.4	.2	-	2.1	.6	-
3352	Aluminum rolling and drawing	2.3	1.6	-	.5	.3	-	3.6	1.7	-	.4	.2	-	2.5	.8	-
3357	Nonferrous wire drawing, and insulating	2.2	1.1	-	.5	.5	-	3.1	1.7	-	.4	.3	-	2.1	.9	-
336	Nonferrous foundries	3.7	2.3	-	1.6	1.2	-	4.8	2.7	-	1.2	.7	-	2.8	1.3	-
3361	Aluminum castings	4.0	2.7	-	1.6	1.3	-	5.1	2.4	-	1.2	.6	-	3.1	.9	-
3362,9	Other nonferrous castings	3.4	1.7	-	1.5	.9	-	4.3	3.0	-	1.1	.9	-	2.5	1.7	-
339	Miscellaneous primary metal products	2.6	1.3	-	1.3	.5	-	3.6	2.5	-	.9	.3	-	2.0	1.7	-
3391	Iron and steel forgings	2.4	1.0	-	1.4	.5	-	3.5	2.5	-	.8	.3	-	1.9	1.8	-
34	<b>FABRICATED METAL PRODUCTS</b>	3.9	2.3	-	1.9	1.3	-	4.5	3.1	-	1.2	.8	-	2.5	1.7	-
341	Metal cans	5.6	5.4	-	.9	.1	-	7.9	6.6	-	.6	.2	-	5.9	5.3	-
342	Cultery, hand tools, and hardware	3.3	1.9	-	1.4	1.1	-	3.7	2.1	-	1.0	.8	-	2.1	.7	-
3421,3,5	Cultery and hand tools, incl. saws	3.0	1.9	-	1.4	1.1	-	3.5	1.8	-	1.0	.7	-	1.9	.6	-
3429	Hardware, nec	3.6	1.9	-	1.4	1.1	-	3.9	2.2	-	1.1	.9	-	2.2	.8	-
343	Plumbing and heating, except electric	3.7	2.7	-	1.9	2.0	-	3.9	3.7	-	1.1	.8	-	2.0	2.1	-
3431,2	Sanitary ware and plumbers' brass goods	3.3	2.2	-	1.6	1.9	-	3.1	2.7	-	.9	.7	-	1.6	.9	-
3433	Heating equipment, except electric	4.1	3.0	-	2.2	2.1	-	4.5	4.5	-	1.3	.8	-	2.4	3.0	-
344	Fabricated structural metal products	3.5	2.1	-	2.6	1.5	-	4.1	3.6	-	1.5	.9	-	1.8	2.0	-
3441	Fabricated structural steel	3.5	2.3	-	2.7	1.5	-	4.4	4.0	-	1.7	1.1	-	1.8	2.2	-
3443	Fabricated plate work (boiler shops)	2.5	1.8	-	2.0	1.2	-	2.6	2.0	-	1.1	.6	-	.8	.8	-
3446,9	Architectural and misc. metal work	3.5	2.7	-	2.3	2.0	-	5.0	3.2	-	1.7	1.0	-	2.6	1.6	-
345	Screw machine products, bolts, etc.	2.1	1.6	-	1.0	.9	-	3.8	1.9	-	.9	.5	-	2.3	.9	-
3452	Bolts, nuts, rivets, and washers	1.6	1.1	-	.7	.6	-	3.3	2.1	-	.7	.4	-	2.0	1.2	-

See footnotes at end of table.

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

[Per 100 employees]

SIC Code	Industry	Accession rates						Separation rates								
		Total			New hires			Total			Quits			Layoffs		
		Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>
<b>DURABLE GOODS—Continued</b>																
<b>FABRICATED METAL PRODUCTS—Continued</b>																
346	Metal stampings	5.0	1.7	-	1.0	0.7	-	5.0	2.0	-	0.8	0.6	-	3.4	0.9	-
348	Miscellaneous fabricated wire products	4.2	2.2	-	2.2	1.4	-	5.3	2.6	-	1.6	1.0	-	3.0	1.0	-
349	Miscellaneous fabricated metal products	2.8	2.0	-	1.7	1.3	-	3.5	2.2	-	1.1	.7	-	1.8	.9	-
3494,8	Valves, pipe, and pipe fittings	2.4	1.9	-	1.8	1.3	-	3.0	1.6	-	1.1	.6	-	1.3	.4	-
35	<b>MACHINERY, EXCEPT ELECTRICAL</b>	2.2	1.5	3.0	1.2	.8	1.5	3.1	2.0	2.8	.9	.5	0.8	1.5	.9	1.3
351	Engines and turbines	2.0	.9	-	.5	.2	-	2.9	1.4	-	.4	.2	-	1.6	.4	-
3511	Steam engines and turbines	1.0	.7	-	.4	.2	-	1.6	.7	-	.4	.1	-	.3	.1	-
3519	Internal combustion engines, nec.	2.7	1.1	-	.6	.3	-	3.8	1.8	-	.5	.3	-	2.4	.6	-
352	Farm machinery	2.7	2.3	-	1.4	1.2	-	4.1	2.1	-	1.1	.7	-	2.0	.9	-
353	Construction and related machinery	2.1	1.4	-	1.6	.9	-	2.9	2.5	-	.9	.5	-	1.3	1.5	-
3531,2	Construction and mining machinery	1.8	1.1	-	1.1	.6	-	2.7	2.8	-	.7	.4	-	1.4	2.0	-
3533	Oil field machinery	3.7	1.9	-	3.4	1.6	-	2.9	1.5	-	1.8	.9	-	.2	( <sup>1</sup> )	-
3535,6	Conveyors, hoists, cranes, monorails	2.0	1.8	-	1.6	1.5	-	2.6	2.2	-	.9	.4	-	1.1	1.3	-
354	Metal working machinery	2.1	1.7	-	1.0	.7	-	3.2	1.8	-	.7	.4	-	1.8	.9	-
3541	Machine tools, metal cutting types	1.1	.9	-	.6	.3	-	2.5	1.5	-	.6	.3	-	1.3	.8	-
3545	Machine tool accessories	1.4	1.4	-	.8	.7	-	2.7	1.4	-	.7	.3	-	1.4	.7	-
3542,8	Misc. metal working machinery	1.6	1.2	-	.8	.5	-	2.9	1.4	-	.7	.4	-	1.7	.6	-
355	Special industry machinery	1.9	1.5	-	1.1	.9	-	3.1	1.7	-	.8	.5	-	1.7	.8	-
3551	Food products machinery	1.9	1.5	-	1.2	.7	-	2.8	1.8	-	.8	.4	-	1.4	.9	-
3552	Textile machinery	3.1	2.5	-	1.1	1.6	-	4.5	2.0	-	.8	.5	-	3.1	.9	-
356	General industrial machinery	1.9	1.2	-	1.0	.7	-	2.6	1.4	-	.7	.4	-	1.3	.5	-
3561	Pumps and compressors	2.0	1.2	-	1.2	.8	-	2.4	1.3	-	.7	.5	-	1.1	.3	-
3562	Ball and roller bearings	1.9	.9	-	.6	.4	-	2.9	1.0	-	.4	.3	-	1.9	.4	-
3566	Power transmission equipment	1.5	1.1	-	.9	.6	-	2.6	1.5	-	.7	.3	-	1.3	.7	-
357	Office and computing machines	1.6	1.4	-	1.0	.8	-	2.2	1.7	-	.7	.5	-	.8	.6	-
3573	Electronic computing equipment	1.6	1.4	-	1.0	1.0	-	2.0	1.5	-	.7	.5	-	.5	.4	-
358	Service industry machines	3.2	1.7	-	1.1	.9	-	4.5	2.8	-	.9	.7	-	2.3	.9	-
3585	Refrigeration machinery	3.7	1.9	-	.9	.9	-	4.9	3.0	-	.8	.7	-	2.6	.9	-
36	<b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>	2.7	1.7	-	1.1	.9	-	3.4	2.3	-	.9	.6	-	1.8	1.0	-
361	Electric test and distributing equipment	2.0	1.5	-	.9	.8	-	2.8	2.0	-	.9	.7	-	1.2	.6	-
3611	Electric measuring instruments	2.0	1.7	-	1.2	1.1	-	2.3	1.3	-	1.1	.8	-	.7	.2	-
3612	Transformers	2.0	1.9	-	.6	.9	-	3.5	2.8	-	.6	.8	-	1.8	.7	-
3613	Switchgear and switchboard apparatus	2.0	1.1	-	.8	.4	-	2.6	2.1	-	.6	.7	-	1.1	.8	-
362	Electrical industrial apparatus	2.2	1.9	-	.9	.9	-	3.3	1.6	-	.8	.6	-	1.8	.6	-
3621	Motors and generators	2.5	2.0	-	.9	.9	-	3.7	1.8	-	.8	.6	-	2.2	.7	-
3622	Industrial controls	2.0	1.7	-	.9	.8	-	2.9	1.5	-	.7	.5	-	1.5	.4	-
363	Household appliances	4.5	2.4	-	1.3	.8	-	5.4	4.3	-	1.1	.8	-	3.1	2.6	-
3632	Household refrigerators and freezers	5.9	3.9	-	.5	.1	-	7.6	6.6	-	.9	.6	-	5.1	5.0	-
3633	Household laundry equipment	3.9	1.3	-	.5	.3	-	3.8	1.4	-	.5	.3	-	2.3	.3	-
3634	Electric housewares and fans	4.6	2.0	-	2.3	1.0	-	5.6	5.9	-	1.1	1.1	-	3.1	3.9	-
364	Electric lighting and wiring equipment	3.1	1.9	-	1.3	1.3	-	3.8	2.3	-	.9	.7	-	2.1	.9	-
3641	Electric lamps	2.4	1.5	-	.7	.8	-	3.1	1.2	-	.5	.4	-	1.7	( <sup>1</sup> )	-
3642	Lighting fixtures	3.7	2.0	-	1.7	1.4	-	4.7	2.6	-	1.2	.8	-	2.5	1.1	-
3643,4	Wiring devices	2.9	2.0	-	1.4	1.3	-	3.5	2.5	-	.9	.8	-	1.9	1.1	-
365	Radio and TV receiving equipment	4.9	2.5	-	1.3	.8	-	4.8	4.0	-	1.2	.8	-	2.4	2.4	-
366	Communication equipment	1.4	1.0	-	.8	.6	-	2.4	1.4	-	.6	.4	-	1.3	.5	-
3661	Telephone and telegraph apparatus	.8	.3	-	.3	.2	-	2.8	1.0	-	.3	.2	-	2.1	.5	-
3662	Radio and TV communication equipment	1.7	1.3	-	1.1	.8	-	2.2	1.5	-	.7	.4	-	.9	.6	-
367	Electronic components and accessories	3.0	1.9	-	1.4	1.2	-	3.7	2.4	-	1.1	.9	-	1.8	.9	-
3671-3	Electron tubes	2.8	1.3	-	.8	.5	-	3.7	4.1	-	.7	.6	-	1.9	2.4	-
3674,9	Other electronic components	3.1	2.0	-	1.5	1.3	-	3.8	2.2	-	1.2	.9	-	1.8	.7	-
369	Miscellaneous electrical equipment and supplies	2.7	1.3	-	1.1	.7	-	3.3	2.2	-	.8	.5	-	1.8	1.1	-
3694	Engine electrical equipment	2.5	1.1	-	.7	.4	-	3.1	1.5	-	.6	.3	-	1.8	.5	-
37	<b>TRANSPORTATION EQUIPMENT</b>	3.7	1.7	-	1.2	.6	-	4.5	3.3	-	.9	.5	-	2.8	2.3	-
371	Motor vehicles and equipment	3.9	1.2	-	.6	.3	-	5.1	1.8	-	.6	.3	-	3.6	1.0	-
3711	Motor vehicles	4.0	.9	-	.5	.1	-	5.7	1.8	-	.6	.3	-	4.4	1.0	-
3712	Passenger car bodies	3.3	.5	-	.4	( <sup>1</sup> )	-	5.0	1.9	-	.4	.1	-	3.9	1.5	-
3713	Truck and bus bodies	4.4	2.1	-	1.8	.9	-	5.1	2.6	-	1.3	.8	-	3.2	1.4	-
3714	Motor vehicle parts and accessories	3.8	1.4	-	.6	.4	-	4.4	1.6	-	.5	.2	-	2.9	.8	-
372	Aircraft and parts	1.4	.6	-	.7	.3	-	2.2	1.2	-	.5	.2	-	1.1	.6	-
3721	Aircraft	1.4	.5	-	.7	.3	-	2.2	1.2	-	.5	.2	-	1.3	.7	-
3722	Aircraft engines and engine parts	1.0	.5	-	.5	.2	-	1.9	.8	-	.4	.1	-	.8	.3	-
3723,9	Other aircraft parts and equipment	1.7	1.1	-	1.1	.7	-	2.7	1.9	-	.8	.5	-	1.3	1.0	-
373	Ship and boat building and repairing	6.2	4.2	-	3.9	2.2	-	5.8	4.7	-	2.1	1.6	-	2.5	2.2	-
3731	Ship building and repairing	6.4	4.2	-	3.8	1.9	-	5.8	4.9	-	2.0	1.3	-	2.5	2.6	-
374	Railroad equipment	3.3	2.2	-	.8	.1	-	4.5	8.0	-	.6	.2	-	2.7	7.1	-
375,9	Other transportation equipment	8.3	5.3	-	3.5	1.9	-	8.7	18.9	-	2.3	1.3	-	5.2	16.6	-

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		
		Avg. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>p</sup>
<b>DURABLE GOODS—Continued</b>																
38	<b>INSTRUMENTS AND RELATED PRODUCTS . . .</b>	2.2	1.7	2.7	1.4	1.1	1.8	2.6	1.6	2.8	1.0	0.6	1.0	1.0	0.6	0.9
381	Engineering and scientific instruments . . .	1.6	1.0	-	1.2	.8	-	2.2	1.0	-	.8	.5	-	.9	.2	-
382	Mechanical measuring and control devices . . .	2.4	2.2	-	1.2	1.0	-	2.7	1.2	-	.9	.6	-	1.1	.2	-
3821	Mechanical measuring devices . . .	1.8	1.7	-	1.1	.9	-	2.3	1.0	-	.8	.5	-	.8	.2	-
3822	Automatic temperature controls . . .	3.9	3.1	-	1.3	1.2	-	3.6	1.8	-	1.0	.8	-	1.7	.3	-
383.5	Optical and ophthalmic goods . . .	2.4	1.7	-	1.6	1.2	-	3.4	1.9	-	1.2	.9	-	1.6	.7	-
384	Medical instruments and supplies . . .	2.9	2.3	-	2.0	1.9	-	3.0	1.8	-	1.3	.8	-	1.1	.4	-
386	Photographic equipment and supplies . . .	1.2	.8	-	.9	.7	-	1.4	.9	-	.6	.3	-	.3	.2	-
387	Watches, clocks, and watchcases . . .	4.0	1.8	-	1.9	.9	-	5.3	6.5	-	1.4	.9	-	2.5	4.7	-
39	<b>MISCELLANEOUS MANUFACTURING</b>															
	<b>INDUSTRIES . . .</b>	5.1	3.1	7.1	2.9	1.7	3.5	5.7	7.9	5.0	1.8	1.2	1.7	2.9	5.8	2.3
391	Jewelry, silverware, and plated ware . . .	3.9	1.9	-	2.3	1.3	-	4.5	3.8	-	1.5	1.2	-	2.2	1.9	-
394	Toys and sporting goods . . .	7.8	4.6	-	3.9	1.7	-	8.6	16.8	-	2.4	1.4	-	4.8	14.0	-
3941.3	Games, toys, dolls, and play vehicles . . .	10.1	4.4	-	4.9	.7	-	10.4	29.0	-	2.9	1.6	-	5.9	26.2	-
3949	Sporting and athletic goods, nec . . .	5.1	4.8	-	2.6	2.9	-	6.4	3.7	-	1.8	1.3	-	3.5	1.0	-
395	Pens, pencils, office and art supplies . . .	3.2	2.5	-	2.3	1.5	-	3.5	3.8	-	1.3	1.2	-	1.5	1.8	-
396	Costume jewelry and notions . . .	5.7	3.7	-	3.7	2.5	-	5.9	4.9	-	2.1	1.3	-	3.0	2.4	-
393.9	Other manufacturing industries . . .	3.6	2.3	-	2.2	1.6	-	4.3	5.1	-	1.4	1.0	-	2.2	3.6	-
<b>NONDURABLE GOODS</b>																
20	<b>FOOD AND KINDRED PRODUCTS . . .</b>	5.9	3.4	4.7	3.9	2.1	2.6	6.0	6.3	5.5	2.4	1.6	1.9	2.9	4.0	2.8
201	Meat products . . .	5.8	3.9	-	3.8	2.6	-	6.0	6.2	-	3.0	2.2	-	2.2	3.3	-
2011	Meat packing plants . . .	4.5	3.5	-	2.1	1.7	-	4.9	4.0	-	1.4	1.2	-	2.7	2.3	-
2015	Poultry dressing plants . . .	8.8	5.1	-	7.3	4.3	-	8.6	10.4	-	6.4	4.7	-	1.1	4.8	-
204	Grain mill products . . .	3.1	2.2	-	2.4	1.8	-	3.6	3.0	-	1.6	1.2	-	1.3	1.1	-
2041	Flour and other grain mill products . . .	2.7	1.7	-	1.7	1.0	-	3.8	1.9	-	1.2	.7	-	1.8	.8	-
2042	Prepared feeds for animals and fowls . . .	3.5	3.0	-	3.0	2.8	-	3.7	3.3	-	2.1	1.7	-	.9	.8	-
205	Bakery products . . .	3.0	1.9	-	2.4	1.5	-	3.0	2.0	-	1.6	1.1	-	.8	.4	-
2051	Bread, cake, and related products . . .	2.8	1.9	-	2.4	1.6	-	2.8	2.0	-	1.6	1.1	-	.6	.4	-
2052	Cookies and crackers . . .	4.1	2.0	-	2.6	1.4	-	3.9	2.4	-	1.7	.9	-	1.4	.6	-
207	Confectionery and related products . . .	6.6	4.8	-	2.8	1.9	-	6.6	7.6	-	1.9	1.8	-	4.0	5.2	-
2071	Confectionery products . . .	7.8	5.9	-	3.3	2.3	-	7.8	9.3	-	2.3	2.3	-	4.7	6.4	-
208	Beverages . . .	4.7	3.3	-	3.1	2.1	-	4.7	4.1	-	2.0	1.6	-	1.9	1.8	-
2082	Malt liquors . . .	4.4	4.0	-	1.4	1.3	-	4.6	4.4	-	.5	.2	-	3.5	3.5	-
21	<b>TOBACCO MANUFACTURES . . .</b>	4.6	4.3	-	2.7	2.7	-	4.5	6.1	-	1.2	.6	-	2.5	5.0	-
211	Cigarettes . . .	1.5	1.4	-	.7	.9	-	1.5	.6	-	.3	.2	-	.3	( <sup>1</sup> )	-
212	Cigars . . .	2.5	.8	-	1.5	.4	-	4.5	1.8	-	1.9	.6	-	2.0	.8	-
22	<b>TEXTILE MILL PRODUCTS . . .</b>	4.5	2.9	5.1	3.0	2.2	3.5	4.7	3.6	4.7	2.3	1.7	2.4	1.5	1.2	1.3
221	Weaving mills, cotton . . .	4.1	2.9	-	2.9	2.2	-	4.2	2.9	-	2.6	1.8	-	.6	.2	-
222	Weaving mills, synthetics . . .	4.6	3.1	-	3.3	2.5	-	5.2	3.1	-	2.8	2.1	-	1.5	.2	-
223	Weaving and finishing mills, wool . . .	4.8	3.5	-	2.7	2.1	-	4.6	2.8	-	1.8	1.2	-	2.0	.7	-
224	Narrow fabric mills . . .	5.3	3.5	-	3.0	2.7	-	5.3	3.0	-	1.8	1.4	-	2.6	1.0	-
225	Knitting mills . . .	4.4	2.4	-	2.8	1.7	-	4.9	4.5	-	2.2	1.7	-	2.0	2.4	-
2251	Women's hosiery, except socks . . .	3.8	2.3	-	2.9	1.4	-	4.2	4.4	-	2.3	1.8	-	1.3	2.1	-
2252	Hosiery, nec . . .	4.1	1.6	-	3.0	1.2	-	4.0	2.4	-	2.3	1.4	-	1.2	.6	-
2254	Knit underwear mills . . .	3.4	2.6	-	2.5	2.2	-	3.8	2.5	-	2.2	1.4	-	.9	.4	-
226	Textile finishing, except wool . . .	3.9	2.2	-	2.7	1.7	-	3.4	2.5	-	1.5	1.0	-	1.1	1.0	-
227	Floor covering mills . . .	3.6	2.0	-	2.4	1.4	-	4.3	4.5	-	1.8	1.1	-	1.7	2.8	-
228	Yarn and thread mills . . .	5.3	3.9	-	3.8	3.1	-	5.2	4.0	-	3.0	2.4	-	1.2	.5	-
229	Miscellaneous textile goods . . .	4.5	2.9	-	2.3	2.0	-	4.7	3.8	-	1.5	1.2	-	2.1	1.9	-

See footnotes at end of table.

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

[Per 100 employees]

SIC Code	Industry	Accession rates						Separation rates								
		Total			New hires			Total			Quits			Layoffs		
		Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>	Avg. 1975	Dec. 1975	Jan. 1976 <sup>P</sup>
<b>NONDURABLE GOODS—Continued</b>																
23	<b>APPAREL AND OTHER TEXTILE PRODUCTS</b>	5.7	3.2	6.4	3.3	1.9	3.7	6.1	5.3	5.7	2.4	1.7	2.4	2.8	2.9	2.4
231	Men's and boys' suits and coats	4.3	3.4	-	1.6	1.5	-	6.1	3.6	-	1.3	.9	-	4.0	2.3	-
232	Men's and boys' furnishings	5.2	2.8	-	3.5	2.0	-	5.7	3.8	-	3.0	2.1	-	2.0	1.2	-
2321	Men's and boys' shirts and nightwear	4.7	2.5	-	3.3	1.8	-	5.3	3.5	-	2.9	1.8	-	1.7	1.0	-
2327	Men's and boys' separate trousers	5.2	2.7	-	3.6	2.1	-	4.9	2.7	-	2.9	2.0	-	1.3	.3	-
2328	Men's and boys' work clothing	5.4	3.1	-	3.9	2.6	-	5.8	3.2	-	3.6	2.5	-	1.6	.3	-
234	Women's and children's undergarments	5.2	2.6	-	3.3	1.9	-	5.8	5.5	-	2.7	1.9	-	2.2	3.0	-
2341	Women's and children's underwear	5.7	2.4	-	3.7	1.7	-	6.3	6.0	-	3.1	2.1	-	2.3	3.2	-
2342	Corsets and allied garments	3.6	3.1	-	2.2	2.5	-	4.2	4.1	-	1.6	1.1	-	1.9	2.2	-
26	<b>PAPER AND ALLIED PRODUCTS</b>	2.9	1.8	2.9	1.4	1.0	1.3	3.4	2.1	2.7	1.0	.6	.8	1.8	.9	1.3
261,2,6	Paper and pulp mills	2.5	1.6	-	1.0	.8	-	2.9	1.3	-	.7	.4	-	1.8	.5	-
263	Paperboard mills	2.2	1.4	-	1.1	1.0	-	2.3	1.5	-	.7	.5	-	1.1	.5	-
264	Miscellaneous converted paper products	3.2	2.2	-	1.6	1.2	-	4.0	2.1	-	1.2	.7	-	2.0	.8	-
2643	Bags, except textile bags	4.0	3.2	-	1.9	1.4	-	5.8	3.3	-	1.5	1.1	-	3.4	1.5	-
265	Paperboard containers and boxes	3.2	1.9	-	1.7	.9	-	3.8	3.0	-	1.1	.7	-	1.9	1.7	-
2651,2	Folding and setup paperboard boxes	3.9	2.0	-	2.0	1.1	-	4.6	4.8	-	1.3	.9	-	2.5	3.1	-
2653	Corrugated and solid fiber boxes	2.5	1.3	-	1.4	.9	-	2.8	1.8	-	1.0	.7	-	1.3	.6	-
27	<b>PRINTING AND PUBLISHING</b>	2.4	2.0	3.0	1.8	1.4	2.0	2.8	2.6	3.3	1.4	1.1	1.5	1.0	1.1	1.2
28	<b>CHEMICALS AND ALLIED PRODUCTS</b>	1.9	1.1	2.0	1.1	.7	1.1	2.1	1.6	1.7	.6	.4	.6	.9	.7	.6
281	Industrial chemicals	1.4	1.0	-	.8	.6	-	1.6	1.0	-	.4	.2	-	.7	.3	-
282	Plastics materials and synthetics	2.2	.8	-	.7	.4	-	2.3	2.1	-	.5	.3	-	1.3	1.4	-
2821	Plastics materials and resins	2.0	1.0	-	.7	.6	-	2.6	3.0	-	.4	.3	-	1.5	2.2	-
2823,4	Synthetic fibers	2.5	.6	-	.7	.2	-	2.0	1.4	-	.5	.3	-	1.1	.8	-
283	Drugs	1.3	.9	-	1.0	.7	-	1.5	1.0	-	.7	.4	-	.4	.2	-
2834	Pharmaceutical preparations	1.4	.9	-	1.1	.7	-	1.6	1.1	-	.7	.4	-	.5	.3	-
284	Soap, cleaners, and toilet goods	2.9	1.9	-	1.9	1.2	-	3.0	3.3	-	1.0	.6	-	1.3	2.0	-
2841	Soap and other detergents	2.1	1.1	-	1.1	.5	-	2.3	2.4	-	.6	.4	-	1.2	1.8	-
2844	Toilet preparations	3.9	2.6	-	2.6	1.7	-	4.1	5.1	-	1.3	.8	-	1.7	3.1	-
285	Paints and allied products	2.1	.8	-	1.4	.7	-	2.3	1.4	-	.9	.5	-	.9	.4	-
286,9	Other chemical products	1.8	1.0	-	1.1	.8	-	2.7	1.6	-	.7	.5	-	1.3	.6	-
29	<b>PETROLEUM AND COAL PRODUCTS</b>	1.8	1.1	2.3	1.3	.7	1.5	1.9	2.3	2.3	.6	.4	.6	.7	1.3	.9
291	Petroleum refining	1.2	.7	-	1.0	.6	-	1.2	1.4	-	.4	.2	-	.3	.6	-
295,9	Other petroleum and coal products	4.1	2.5	-	2.6	1.3	-	4.2	5.5	-	1.6	1.0	-	1.8	3.9	-
30	<b>RUBBER AND PLASTICS PRODUCTS, NEC</b>	4.3	2.8	5.2	2.2	1.5	3.0	4.9	3.6	4.2	1.6	1.1	1.6	2.4	1.7	1.6
301	Tires and inner tubes	1.7	1.2	-	.5	.5	-	2.4	1.5	-	.5	.3	-	1.3	.6	-
302,3,6	Other rubber products	3.7	2.3	-	1.5	1.2	-	4.7	3.5	-	1.4	1.0	-	2.4	1.7	-
307	Miscellaneous plastics products	5.6	3.6	-	3.2	2.1	-	5.8	4.4	-	2.1	1.4	-	2.7	2.2	-
31	<b>LEATHER AND LEATHER PRODUCTS</b>	6.7	4.3	7.3	4.3	3.1	4.8	6.8	5.4	6.6	3.0	2.3	3.1	2.6	2.1	2.2
311	Leather tanning and finishing	5.2	2.6	-	3.9	2.0	-	4.4	2.9	-	1.9	1.0	-	1.4	1.1	-
314	Footwear, except rubber	6.8	5.1	-	4.4	3.7	-	6.9	5.0	-	3.4	2.5	-	2.4	1.3	-
<b>NONMANUFACTURING</b>																
10	<b>METAL MINING</b>	2.7	1.9	4.4	2.0	1.5	1.6	3.2	2.2	3.0	1.4	.9	.9	1.0	.7	1.2
101	Iron ores	2.3	1.3	-	1.2	.5	-	2.7	2.2	-	.7	.3	-	1.3	1.5	-
102	Copper ores	1.9	1.5	-	1.0	1.1	-	3.1	1.7	-	.9	.6	-	1.3	.6	-
11,12	<b>COAL MINING</b>	2.3	1.7	2.2	1.9	1.3	1.6	1.4	1.3	2.4	.7	.5	.8	.2	.4	.4
12	Bituminous coal and lignite mining	2.3	1.7	-	2.0	1.3	-	1.4	1.3	-	.8	.5	-	.2	.4	-
<b>COMMUNICATION:</b>																
481	Telephone communication	.5	.4	-	-	-	-	.8	.5	-	.4	.2	-	.2	.1	-
482	Telegraph communication <sup>2</sup>	1.7	.3	-	-	-	-	2.4	4.0	-	1.0	.3	-	.8	1.6	-

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

p = preliminary.

## ESTABLISHMENT DATA

120

## 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	4.1	4.2	4.1	4.1	4.3	4.2	4.2	4.4	4.5	4.7	4.9
1966	4.9	5.0	5.3	5.0	5.0	5.1	4.9	5.0	5.0	5.0	4.7	4.6
1967	4.5	4.3	4.3	4.3	4.4	4.5	4.4	4.3	4.4	4.4	4.5	4.5
1968	4.4	4.5	4.5	4.6	4.6	4.6	4.6	4.6	4.7	4.8	4.9	4.8
1969	4.9	4.8	4.9	4.8	4.7	5.0	4.7	4.4	4.7	4.7	4.6	4.5
1970	4.3	4.4	4.0	3.9	4.1	4.1	4.1	3.9	3.9	3.7	3.7	3.9
1971	3.8	3.8	3.7	3.9	3.8	3.8	3.8	4.0	3.9	3.9	4.1	4.2
1972	4.4	4.3	4.4	4.4	4.4	4.2	4.3	4.5	4.5	4.6	4.6	4.7
1973	4.8	4.9	4.9	4.7	4.7	4.8	4.7	4.7	4.8	4.9	4.9	4.5
1974	4.5	4.4	4.4	4.5	4.6	4.4	4.4	4.2	4.0	3.7	3.1	3.1
1975	3.3	3.3	3.4	3.9	3.5	3.5	4.2	4.0	3.7	3.6	3.7	3.8
1976	4.4 <sub>p</sub>											
New hires												
1965	2.9	3.0	3.1	2.8	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	3.2	3.3	3.3	3.4	3.5
1968	3.3	3.2	3.4	3.5	3.5	3.4	3.5	3.5	3.6	3.6	3.6	3.7
1969	3.7	3.8	3.9	3.8	3.7	3.9	3.7	3.5	3.7	3.6	3.5	3.5
1970	3.3	3.2	2.9	2.8	2.7	2.8	2.8	2.7	2.6	2.5	2.4	2.4
1971	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.7	2.8
1972	3.0	3.0	3.1	3.2	3.2	3.0	3.2	3.3	3.4	3.5	3.7	3.7
1973	3.9	4.2	4.0	3.9	3.9	3.8	3.8	3.8	3.7	3.9	3.9	3.7
1974	3.6	3.5	3.5	3.5	3.5	3.3	3.4	3.2	3.0	2.7	2.2	1.8
1975	1.5	1.6	1.5	1.7	1.8	1.8	2.4	2.4	2.3	2.2	2.3	2.4
1976	2.4 <sub>p</sub>											
Total separations												
1965	3.8	3.8	3.8	3.9	4.0	4.0	3.9	4.3	4.2	4.2	4.2	4.3
1966	4.3	4.4	4.5	4.6	4.7	4.8	4.9	4.8	4.7	4.6	4.7	4.6
1967	4.8	4.8	4.9	4.8	4.6	4.5	4.5	4.3	4.5	4.5	4.4	4.4
1968	4.6	4.5	4.5	4.4	4.5	4.6	4.6	4.8	4.7	4.7	4.5	4.4
1969	4.6	4.8	5.0	4.8	4.9	5.0	4.8	4.9	5.0	4.9	4.9	4.8
1970	4.9	5.2	4.9	5.1	4.9	4.7	4.7	4.5	4.6	4.9	4.9	4.7
1971	4.3	4.2	4.2	4.1	4.1	4.1	4.3	4.4	4.1	4.1	4.2	4.2
1972	4.2	4.0	4.1	4.2	4.2	4.3	4.5	4.2	4.2	4.1	4.1	4.2
1973	4.3	4.4	4.5	4.5	4.7	4.8	4.7	4.9	4.7	4.7	4.5	4.6
1974	4.8	4.7	4.8	4.7	4.6	4.6	4.5	4.6	4.4	4.8	5.6	6.0
1975	5.9	5.3	4.7	4.5	4.1	3.9	4.0	3.6	3.5	3.7	4.0	3.9
1976	3.6 <sub>p</sub>											
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	2.5	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	2.4	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	2.7	2.8	2.8	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.6
1970	2.4	2.5	2.3	2.3	2.1	2.2	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	2.0	2.1	2.2	2.2	2.2	2.2	2.3	2.2	2.4	2.4	2.6
1973	2.7	2.8	2.8	2.7	2.7	2.7	2.8	2.8	2.6	2.8	2.8	2.7
1974	2.6	2.5	2.6	2.6	2.6	2.5	2.5	2.5	2.1	2.0	1.8	1.5
1975	1.3	1.2	1.1	1.2	1.3	1.3	1.5	1.5	1.3	1.5	1.6	1.5
1976	1.5 <sub>p</sub>											
Layoffs												
1965	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.6	1.4	1.4	1.4	1.4
1966	1.2	1.1	1.1	1.2	1.1	1.3	1.4	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	1.4	1.2	1.2	1.1	1.1
1969	1.1	1.1	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.3	1.3	1.4
1970	1.5	1.7	1.8	1.9	1.9	1.9	1.5	1.9	1.9	2.2	2.0	1.7
1971	1.7	1.5	1.5	1.5	1.6	1.6	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	1.2	1.1	1.0	1.0	.9	.9
1973	.8	.7	.8	.8	.9	.8	1.0	.9	.8	.9	1.0	1.1
1974	1.4	1.2	1.2	1.1	1.1	1.1	1.0	1.3	1.4	2.0	2.5	2.6
1975	3.1	3.0	2.7	2.6	2.6	2.1	1.5	1.5	1.7	1.7	1.6	1.3
1976	1.2 <sub>p</sub>											

## 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	
	Nov. 1975	Dec. 1975 <sup>P</sup>	Nov. 1975	Dec. 1975 <sup>P</sup>	Nov. 1975	Dec. 1975 <sup>P</sup>	Nov. 1975	Dec. 1975 <sup>P</sup>	Nov. 1975	Dec. 1975 <sup>P</sup>
<b>ALABAMA:</b>										
Birmingham	2.4	1.7	0.7	0.6	2.8	4.3	0.7	0.6	1.4	3.1
Mobile <sup>1</sup>	4.5	2.8	2.1	1.1	4.2	4.3	1.9	1.3	1.8	2.5
<b>ALASKA</b>	11.4	9.0	3.4	4.6	20.8	22.1	5.8	3.3	11.0	16.7
<b>ARIZONA</b>	3.0	2.1	2.2	1.6	3.3	3.4	1.3	1.3	1.3	1.4
Phoenix	2.7	1.8	2.0	1.4	3.1	2.8	1.1	1.1	1.2	.9
<b>ARKANSAS</b>	4.4	3.3	3.6	2.3	5.3	5.0	2.8	2.3	1.7	2.0
Fort Smith	4.9	2.6	4.1	2.1	5.7	3.8	2.4	2.1	2.2	1.0
Little Rock—North Little Rock	3.8	3.1	3.2	2.0	6.2	4.1	2.1	1.9	3.4	1.4
Pine Bluff	2.6	3.1	1.7	2.2	2.4	2.7	1.7	1.7	.3	.6
<b>COLORADO</b>	2.3	2.2	1.7	1.3	3.3	4.7	1.4	1.0	1.4	2.9
Denver—Boulder	2.0	1.8	1.5	1.2	2.8	3.9	1.2	.9	.3	2.0
<b>CONNECTICUT</b>	1.8	1.2	1.2	.8	2.2	1.8	.7	.5	.8	.8
Hartford	1.2	1.0	.8	.7	1.4	1.5	.5	.4	.5	.7
<b>DELAWARE</b> <sup>1</sup>	1.8	1.9	.7	.7	2.8	5.3	.4	.5	1.8	4.2
Wilmington <sup>1</sup>	1.7	1.8	.6	.5	2.3	4.9	.4	.4	1.3	3.8
<b>DISTRICT OF COLUMBIA:</b>										
Washington SMSA	1.3	(*)	1.1	(*)	2.0	(*)	1.0	(*)	.4	(*)
<b>FLORIDA</b>	5.8	3.5	3.2	2.5	3.8	3.4	1.9	1.7	1.2	1.1
Fort Lauderdale—Hollywood	5.0	2.6	3.7	2.2	3.9	3.2	2.2	1.6	.6	.3
Jacksonville	4.4	2.7	2.2	2.1	4.2	3.0	1.5	1.3	1.9	1.2
Miami	3.8	2.5	3.1	2.2	3.6	2.7	1.8	1.3	1.4	.9
Orlando	3.6	5.2	2.1	2.9	3.7	1.8	1.2	.8	1.7	.5
Pensacola	2.0	.4	.8	.3	1.7	1.0	.7	.5	.7	.3
Tampa—St. Petersburg	7.7	3.8	3.5	2.4	3.9	5.3	2.0	1.9	1.0	2.8
West Palm Beach—Boca Raton	2.5	2.2	2.3	2.1	2.3	2.9	1.3	.8	.6	1.4
<b>GEORGIA</b> <sup>2</sup>	3.4	2.4	2.6	1.9	3.4	2.9	1.9	1.5	.7	.8
Atlanta <sup>2</sup>	2.0	1.3	1.4	1.0	2.5	1.7	.9	.6	.9	.7
<b>HAWAII</b> <sup>3</sup>	2.0	1.8	1.5	.9	2.4	1.8	.6	.5	1.3	.8
<b>IDAHO</b> <sup>4</sup>	3.7	2.8	2.2	2.0	4.4	4.6	1.5	2.0	2.0	2.0
<b>ILLINOIS:</b>										
Chicago SMSA	2.1	1.7	1.4	1.1	2.8	2.8	.9	.8	1.1	1.3
<b>INDIANA</b> <sup>5</sup>	1.9	1.7	.8	.7	2.8	2.4	.6	.4	1.6	1.3
Indianapolis	1.4	.8	.7	.4	2.1	1.4	.5	.4	.9	.6
<b>IOWA</b>	2.5	2.0	1.6	1.2	3.1	2.5	1.2	.9	1.3	1.1
Cedar Rapids	2.4	2.1	.9	.6	2.7	2.3	.7	.5	1.6	1.5
Des Moines	3.0	2.4	2.1	1.5	3.0	3.6	1.6	1.3	.6	1.3
<b>KANSAS</b>	2.9	2.4	2.3	2.0	3.1	2.6	1.6	1.4	.7	.8
Topeka	3.1	3.2	1.1	1.6	2.0	1.4	.8	.7	.7	.2
Wichita	2.9	2.2	2.6	2.0	2.9	2.2	1.8	1.3	.4	.4
<b>KENTUCKY</b>	3.4	2.7	1.4	1.7	3.1	2.4	1.0	.8	1.4	1.1
Louisville	1.9	1.4	.8	.6	2.0	1.3	.5	.3	.5	.6
<b>LOUISIANA:</b>										
New Orleans	2.5	2.2	1.9	1.7	3.8	2.8	1.6	1.1	1.3	.9
<b>MAINE</b>	4.5	3.9	3.0	2.5	5.2	5.2	2.1	1.7	2.3	2.7
Portland	2.1	2.8	1.9	1.8	3.1	2.8	1.3	1.1	.9	1.2
<b>MARYLAND</b>	2.2	2.2	1.3	.8	3.0	2.7	.8	.6	1.6	1.6
Baltimore	2.3	2.4	1.2	.8	2.7	2.2	.7	.5	1.5	1.2
<b>MASSACHUSETTS</b>	2.5	2.1	1.6	1.2	2.7	3.0	.9	.8	1.2	1.6
Boston	1.9	1.9	1.3	1.1	2.4	3.5	.8	.8	1.1	2.1
<b>MICHIGAN</b>	1.9	1.6	.7	.4	2.8	2.2	.5	.3	1.6	1.3
Detroit	1.9	1.6	.5	.5	3.1	2.1	.6	.4	1.8	1.1

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA LABOR TURNOVER**

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**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	
	Nov. 1975	Dec. 1975 <sup>P</sup>	Nov. 1975	Dec. 1975 <sup>P</sup>	Nov. 1975	Dec. 1975 <sup>P</sup>	Nov. 1975	Dec. 1975 <sup>P</sup>	Nov. 1975	Dec. 1975 <sup>P</sup>
MINNESOTA	2.2	1.9	1.5	1.1	3.2	3.4	1.2	1.0	1.5	2.0
Minneapolis—St. Paul	1.8	1.6	1.2	1.0	2.5	2.2	.9	.8	1.1	1.0
MISSISSIPPI:										
Jackson	3.3	2.0	2.5	1.6	3.7	2.7	1.5	1.0	1.8	.8
MISSOURI	3.0	2.3	1.8	1.3	3.4	2.9	1.2	1.0	1.6	1.3
Kansas City	2.4	1.7	1.7	1.2	2.6	2.5	1.1	1.0	.8	1.0
St. Louis	2.5	1.5	1.1	.7	3.7	2.7	.6	.5	2.4	1.7
MONTANA	1.7	2.0	1.5	1.6	3.4	2.9	1.0	1.3	1.7	1.2
NEBRASKA	3.3	3.0	2.7	2.4	3.4	3.8	1.7	1.5	1.0	1.6
NEVADA	3.5	3.6	2.6	2.7	3.6	2.4	1.6	1.2	1.1	.2
NEW HAMPSHIRE	3.1	2.5	2.2	1.9	3.0	2.6	1.5	1.3	.9	.7
NEW JERSEY:										
Camden <sup>6</sup>	2.1	1.9	1.4	.9	3.6	2.9	.7	.6	2.3	1.9
Hackensack	2.6	2.6	2.1	1.8	2.6	4.2	1.0	.9	1.0	2.1
Jersey City	2.6	2.5	1.4	1.4	4.3	5.3	.8	.5	2.7	4.2
Newark	2.2	1.7	1.4	1.1	2.7	2.9	.7	.6	1.5	1.8
New Brunswick—Perth Amboy—Sayreville	1.6	1.9	1.0	.9	4.1	4.0	.7	.5	2.5	2.6
Paterson—Clifton—Passaic	3.1	2.4	1.8	1.3	4.1	5.0	.9	.8	2.6	3.7
Trenton	2.3	1.6	1.1	1.4	1.7	1.9	.7	.6	.6	.8
NEW YORK	2.7	2.2	1.5	1.1	3.7	4.0	.8	.6	2.3	2.8
Albany—Schenectady—Troy	1.9	1.4	.9	.6	2.0	2.3	.5	.4	.9	1.5
Binghamton	1.3	2.1	1.0	.7	1.9	1.7	.6	.5	.6	.4
Buffalo	1.7	1.5	.5	.5	3.1	2.2	.4	.2	2.3	1.5
Elmira	2.0	1.8	.8	.9	2.4	2.3	.4	.4	1.2	1.1
Monroe County	1.2	1.2	.9	.7	1.5	1.1	.4	.3	.7	.4
Nassau—Suffolk <sup>8</sup>	3.2	2.4	2.5	1.8	3.1	4.2	1.2	1.0	1.2	2.4
New York and Nassau—Suffolk	3.4	2.7	2.2	1.4	4.5	5.4	1.0	.9	2.8	3.9
New York SMSA <sup>9</sup>	3.5	2.7	2.1	1.4	4.8	5.7	1.0	.9	3.2	4.3
New York City <sup>9</sup>	3.6	2.9	2.2	1.4	5.1	6.1	1.0	.9	3.4	4.7
Rochester	1.5	1.3	1.0	.7	2.6	1.6	.6	.3	1.6	.8
Syracuse	2.0	1.5	.8	.6	3.2	2.0	.5	.4	2.2	1.1
Utica—Rome	2.2	2.1	1.0	.8	2.7	2.9	.7	.4	1.6	2.0
Westchester County <sup>9</sup>	2.2	1.5	1.4	.9	2.5	2.2	.8	.7	1.1	1.1
NORTH CAROLINA	3.4	2.3	2.8	1.8	3.3	2.8	2.1	1.5	.4	.7
Charlotte—Gastonia	3.4	2.3	2.8	1.9	3.2	2.5	2.2	1.5	.2	.3
Greensboro—Winston-Salem—High Point	3.0	2.3	2.5	1.8	3.2	2.7	1.9	1.4	.5	.6
NORTH DAKOTA	4.1	3.4	3.6	2.8	5.8	7.1	2.5	2.6	2.7	3.8
Fargo—Moorhead	3.4	3.7	2.8	3.0	5.3	8.2	1.6	2.8	3.0	4.6
OHIO	1.9	1.6	.7	.6	2.5	2.3	.5	.4	1.5	1.3
Akron	1.4	1.1	.4	.5	1.8	1.3	.3	.3	1.1	.6
Canton	2.6	2.6	1.0	.7	3.0	4.3	.4	.6	2.0	2.6
Cincinnati	2.0	1.3	.9	.7	1.9	2.6	.6	.5	.8	1.7
Cleveland	1.6	1.5	.8	.7	2.2	1.9	.6	.5	1.0	.8
Columbus	1.6	1.5	.6	.6	2.6	1.8	.5	.4	1.5	.9
Dayton	1.6	1.1	.6	.4	2.1	1.6	.4	.4	1.1	.6
Toledo	1.9	1.9	.6	.5	3.0	1.7	.4	.2	1.9	.9
Youngstown—Warren	1.9	1.4	.4	.4	2.0	3.4	.3	.2	1.2	2.5
OKLAHOMA	4.2	3.4	3.8	2.8	4.7	3.9	2.8	2.1	1.0	1.0
Oklahoma City	4.1	2.9	3.3	2.1	3.8	3.5	2.2	2.1	.8	.8
Tulsa <sup>10</sup>	3.7	3.4	3.4	3.0	4.3	3.9	2.6	1.9	.7	.9
OREGON <sup>1</sup>	3.1	3.1	2.3	2.0	4.6	4.2	1.4	1.3	2.5	2.2
Portland <sup>1</sup>	3.1	3.3	2.2	2.1	3.5	3.6	1.2	1.3	1.6	1.6
PENNSYLVANIA	2.4	2.0	1.1	.8	3.3	3.2	.7	.5	2.2	2.2
Allentown—Bethlehem—Easton	2.0	1.8	1.2	.6	3.2	3.4	.6	.4	2.2	2.7
Altoona	2.5	2.3	1.3	1.6	5.2	4.9	1.3	.9	3.5	3.7
Erie	1.9	1.7	.7	.7	2.5	2.2	.6	.5	1.3	1.1
Harrisburg	2.5	1.5	1.3	.9	3.5	2.6	.8	.8	2.2	1.4
Johnstown	1.4	1.4	.7	.5	1.5	2.9	.5	.7	.8	1.7
Lancaster	1.9	2.0	1.0	.7	3.1	2.9	1.0	.5	1.6	1.9

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	
	Nov. 1975	Dec. 1975 <sup>p</sup>	Nov. 1975	Dec. 1975 <sup>p</sup>	Nov. 1975	Dec. 1975 <sup>p</sup>	Nov. 1975	Dec. 1975 <sup>p</sup>	Nov. 1975	Dec. 1975 <sup>p</sup>
<b>PENNSYLVANIA—Continued</b>										
Northeast Pennsylvania .....	3.4	3.8	1.4	1.5	3.6	5.6	0.6	0.7	2.6	4.2
Philadelphia SMSA .....	2.2	1.7	1.1	.9	3.0	2.4	.6	.5	1.9	1.3
Pittsburgh .....	2.6	3.1	.7	.5	3.4	3.8	.4	.3	2.4	2.9
Reading .....	2.3	1.8	1.2	1.0	2.4	2.2	.9	.7	1.2	1.1
Scranton .....	3.1	2.7	1.8	1.0	2.4	4.7	.6	.5	1.5	4.0
Wilkes-Barre—Hazleton <sup>12</sup> .....	3.2	2.7	.9	1.0	4.1	4.5	.6	.5	3.2	3.2
Williamsport .....	2.3	1.6	1.6	.9	2.0	1.8	.6	.5	.9	.7
York .....	3.0	1.7	2.0	1.0	3.2	4.3	1.5	.9	1.2	2.9
<b>RHODE ISLAND</b> .....	4.8	4.1	3.5	2.4	4.6	4.5	1.9	1.5	1.9	2.2
Providence—Warwick—Pawtucket .....	4.4	3.8	3.2	2.4	4.6	4.4	1.9	1.5	1.9	2.2
<b>SOUTH CAROLINA:</b>										
Greenville—Spartanburg .....	4.5	2.7	3.8	2.4	4.0	3.0	2.6	1.9	.2	.2
<b>SOUTH DAKOTA</b> .....	4.2	4.0	2.9	3.2	3.0	4.7	1.9	1.6	.6	2.3
Sioux Falls .....	3.7	3.7	.9	2.5	2.1	2.4	.7	.9	1.1	1.1
<b>TENNESSEE:</b>										
Memphis .....	3.0	2.1	1.7	1.2	2.9	3.1	1.0	.9	1.0	1.3
<b>TEXAS:</b>										
Dallas—Fort Worth .....	3.3	2.8	2.9	2.3	3.2	3.1	1.9	1.8	.5	.6
Houston .....	2.8	2.3	2.6	2.0	3.0	2.8	1.7	1.8	.5	.3
San Antonio .....	3.1	3.2	2.8	2.9	3.2	2.6	2.0	1.4	.4	.4
<b>UTAH</b> <sup>4</sup> .....	3.9	2.9	3.2	2.1	5.5	4.3	2.5	2.0	2.2	1.4
Salt Lake City—Ogden <sup>4</sup> .....	3.5	2.1	3.1	1.8	3.6	3.3	2.3	1.9	.5	.6
<b>VERMONT</b> .....	2.2	1.8	1.1	1.1	2.2	4.9	.7	.7	1.1	3.6
Burlington .....	1.2	1.0	.6	.3	.8	1.5	.3	.3	.2	.9
Springfield .....	1.5	1.2	.4	.5	2.2	10.4	.2	.2	1.6	9.7
<b>VIRGINIA</b> .....	2.6	2.1	1.9	1.3	2.8	2.6	1.3	1.1	1.0	1.0
Richmond .....	2.6	1.9	2.0	1.6	2.0	1.6	.9	.8	.3	.2
<b>WASHINGTON:</b>										
Seattle—Everett <sup>13</sup> .....	1.9	1.9	1.2	1.0	3.6	3.3	.7	.6	2.4	2.2
<b>WISCONSIN</b> .....	2.0	1.9	1.0	.8	3.7	2.6	.7	.6	2.3	1.5
Milwaukee .....	1.9	1.8	1.0	.8	2.4	2.3	.7	.5	1.1	1.0
<b>WYOMING</b> .....	2.6	1.8	2.3	1.3	9.2	4.4	3.4	2.5	4.1	1.2

<sup>1</sup> Excludes canning and preserving.<sup>2</sup> Excludes agricultural chemicals, and miscellaneous manufacturing.<sup>3</sup> Excludes canned fruits, vegetables, preserves, jams and jellies.<sup>4</sup> Excludes canning and preserving, and sugar.<sup>5</sup> Excludes canning and preserving, and newspapers.<sup>6</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.<sup>7</sup> Subarea of Rochester Standard Metropolitan Statistical Area.<sup>8</sup> Area included in New York and Nassau—Suffolk combined SMSA's.<sup>9</sup> Subarea of New York Standard Metropolitan Statistical Area.<sup>10</sup> Excludes new-hire rate for transportation equipment.<sup>11</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.<sup>12</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.<sup>13</sup> Excludes canning and preserving, printing and publishing.<sup>p</sup> Not available.

p=preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.



E-1. Insured unemployment under State programs

[Week including the 12th of the month]

State	Number (in thousands)					Rate (percent of average covered employment)		
	Feb. 1975	Jan. 1976	Feb. 1976	Change from <sup>1</sup>		Feb. 1975	Jan. 1976	Feb. 1976
				Feb. 1975	Jan. 1976			
TOTAL <sup>2, 3</sup>	5,036.5	3,892.5	3,740.3	-1,296.2	-152.2	7.6	5.9	5.7
SEASONALLY ADJUSTED	3,792.6	2,916.9	2,813.0	-979.6	-103.9	5.8	4.4	4.3
Alabama	72.2	54.4	44.8	-27.4	-9.6	7.8	6.0	4.9
Alaska	8.6	12.9	12.6	4.0	-0.3	11.3	12.5	12.2
Arizona	46.8	36.7	33.4	-13.4	-3.2	7.7	6.0	5.5
Arkansas	59.1	37.9	32.0	-27.1	-5.9	11.1	7.2	6.1
California	517.8	411.4	441.9	-75.9	30.5	8.0	6.3	6.7
Colorado	35.2	27.2	25.4	-9.8	-1.9	4.6	3.6	3.4
Connecticut	91.8	81.7	83.0	-8.8	1.3	7.6	6.8	6.9
Delaware	15.7	9.4	9.0	-6.6	-0.3	7.2	4.5	4.3
District of Columbia	12.3	13.6	14.6	2.3	1.0	3.4	3.8	4.0
Florida	134.7	116.9	113.0	-21.7	-3.9	5.5	4.5	4.3
Georgia	125.7	68.5	60.0	-65.7	-8.5	8.5	4.9	4.3
Hawaii	12.2	17.1	18.1	5.9	0.9	4.0	5.4	5.7
Idaho	17.5	14.9	14.7	-2.7	-0.2	8.4	6.9	6.8
Illinois	213.0	245.4	266.8	53.7	21.4	5.6	6.4	7.0
Indiana	124.2	65.5	63.4	-60.8	-2.1	7.2	4.0	3.8
Iowa	35.9	37.5	37.5	1.6	0.1	4.5	4.6	4.6
Kansas	27.1	22.8	21.3	-5.8	-1.5	4.6	3.7	3.5
Kentucky	63.5	48.5	46.9	-16.6	-1.6	7.5	5.7	5.5
Louisiana	60.7	43.3	42.0	-18.7	-1.3	6.1	4.2	4.1
Maine	33.1	26.5	22.6	-10.5	-3.9	11.5	9.4	8.0
Maryland	68.0	61.4	56.0	-12.0	-5.3	5.9	5.4	4.9
Massachusetts	190.5	151.2	137.0	-53.5	-14.2	9.5	7.7	7.0
Michigan	380.6	219.5	210.0	-70.6	-10.0	13.7	7.9	7.5
Minnesota	80.0	78.0	72.1	-7.9	-6.0	6.2	5.7	5.2
Mississippi	39.1	23.2	22.4	-16.7	-0.8	7.1	4.3	4.2
Missouri	113.2	88.8	78.5	-34.7	-10.4	7.8	6.2	5.5
Montana	15.0	14.4	13.2	-1.8	-1.2	9.0	8.3	7.6
Nebraska	23.3	19.6	19.9	-3.4	0.3	5.4	4.5	4.6
Nevada	17.7	15.8	15.0	-2.7	-0.8	8.5	7.4	7.0
New Hampshire	20.9	12.7	12.1	-8.9	-0.6	7.9	5.0	4.8
New Jersey	231.5	181.2	172.6	-59.0	-8.6	10.0	8.0	7.7
New Mexico	18.2	13.2	14.2	-4.1	0.9	7.2	5.1	5.4
New York	459.2	382.1	365.1	-94.1	-17.0	7.7	6.6	6.3
North Carolina	187.0	78.2	71.9	-15.2	-6.3	10.7	4.7	4.3
North Dakota	6.8	6.8	7.2	0.4	0.4	5.1	4.8	5.0
Ohio	257.2	158.7	158.5	-98.6	-0.2	7.0	4.2	4.2
Oklahoma	30.4	29.9	28.8	-1.6	-1.2	4.3	4.2	4.1
Oregon	73.5	62.1	55.4	-18.1	-6.7	10.2	8.1	7.3
Pennsylvania	336.7	296.8	273.3	-63.4	-23.5	8.7	7.8	7.2
Puerto Rico <sup>2</sup>	67.2	68.8	61.3	-6.0	-7.5	13.4	13.6	12.8
Rhode Island	39.1	27.6	24.6	-14.5	-3.0	12.0	8.9	7.9
South Carolina	87.7	47.9	38.4	-49.4	-9.5	10.6	6.0	4.8
South Dakota	6.4	6.2	6.2	-0.3	0.0	4.4	4.1	4.1
Tennessee	116.3	83.3	64.3	-52.0	-19.0	9.0	6.7	5.2
Texas	92.6	74.7	70.4	-22.2	-4.3	2.6	2.1	1.9
Utah	19.8	20.1	18.2	-1.6	-1.9	6.1	5.9	5.4
Vermont	12.1	10.4	9.9	-2.1	-0.5	9.1	8.0	7.6
Virginia	80.5	41.7	36.2	-44.3	-5.5	5.9	3.0	2.6
Washington	102.2	95.8	92.3	-9.9	-3.5	10.7	9.7	9.3
West Virginia	33.8	31.3	28.9	-4.8	-2.4	7.4	6.9	6.3
Wisconsin	119.1	95.2	100.1	-19.0	5.0	8.0	6.0	6.3
Wyoming	3.8	3.5	3.4	-0.4	-0.2	3.9	3.4	3.2

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.

E-2. Insured unemployment<sup>1</sup> in 150 major labor areas<sup>2</sup>

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

State and area	Feb. 1975	Feb. 1976	State and area	Feb. 1975	Feb. 1976	State and area	Feb. 1975	Feb. 1976	State and area	Feb. 1975	Feb. 1976
<b>ALABAMA</b>			<b>INDIANA -</b>			<b>NEW JERSEY</b>			<b>PENNSYLVANIA-</b>		
Birmingham .....	11.7	11.5	Continued			Atlantic City .....	9.7	8.3	Continued		
Mobile .....	5.6	4.5	Gary-Hammond .....	8.1	7.3	Jersey City .....	25.0	18.1			
<b>ARIZONA</b>			East Chicago .....	20.0	12.0	Newark .....	60.3	44.7	Northeast		
Phoenix .....	33.7	18.9	Indianapolis .....	6.5	3.4	New Brunswick .....			Pennsylvania .....	32.3	22.6
<b>ARKANSAS</b>			South Bend .....	3.0	2.3	Perth Amboy .....			Philadelphia .....	127.4	99.8
Little Rock -			Terre Haute .....			Savreville .....	18.9	14.2	Pittsburgh .....	44.3	47.4
North Little			<b>IOWA</b>			Paterson-Clifton-			Reading .....	9.4	6.8
Rock .....	8.3	4.0	Cedar Rapids .....	2.0	2.5	Passaic .....	19.4	12.5	York .....	10.2	7.9
<b>CALIFORNIA</b>			Des Moines .....	4.0	4.7	Trenton .....	7.4	5.1	<b>PUERTO RICO</b>		
Anaheim - S. Ana-			<b>KANSAS</b>			<b>NEW MEXICO</b>			Mayaguez .....	2.0	2.4
Garden Grove .....	35.8	27.8	Wichita .....	4.6	4.9	Albuquerque .....	8.0	6.7	Ponce .....	3.7	4.8
Fresno .....	12.2	11.0	<b>KENTUCKY</b>			<b>NEW YORK</b>			San Juan .....	11.5	13.7
Los Angeles-Long			Louisville .....	14.0	13.5	Albany-			<b>RHODE ISLAND</b>		
Beach .....	178.4	142.8	<b>LOUISIANA</b>			Schenectady-			Providence-		
Riverside-San			Baton Rouge .....	4.5	3.5	Troy .....	16.8	13.6	Warwick-		
Bernardino .....			New Orleans .....	12.1	12.1	Binghamton .....	5.1	4.7	Pawtucket .....	41.8	24.6
Ontario .....	22.7	23.0	Shreveport .....	4.9	5.1	Buffalo .....	40.9	29.7	<b>SOUTH CAROLINA</b>		
Sacramento .....	21.3	20.1	<b>MAINE</b>			New York City			Charleston .....	4.5	4.1
San Diego .....	32.6	32.7	Portland .....	3.4	1.7	Combined Areas .....	279.3	231.3	Greenville-		
San Francisco-			<b>MARYLAND</b>			(a) N.Y. City			Spartanburg .....	23.3	7.4
Oakland .....	73.0	65.2	Baltimore .....	39.9	31.5	plus Rockland,			<b>TENNESSEE</b>		
San Jose .....	33.6	25.7	<b>MASSACHUSETTS</b>			Putnam, and			Chattanooga .....	10.1	4.6
Stockton .....	10.7	10.5	Boston .....	75.7	61.8	Westchester Cos.	221.5	179.5	Knoxville .....	12.1	7.2
<b>COLORADO</b>			Brockton .....	6.6	3.8	(b) Nassau-			Memphis .....	13.6	13.3
Denver-Boulder .....	21.4	15.1	Fall River .....	8.6	4.9	Suffolk .....	57.8	51.8	Nashville-		
<b>CONNECTICUT</b>			Lawrence-			Rochester .....	27.3	18.8	Davidson .....	14.3	10.0
Bridgeport .....	12.6	10.9	Haverhill .....	9.7	8.8	Syracuse .....	16.4	12.3	<b>TEXAS</b>		
Hartford .....	17.0	16.9	Lowell .....	7.9	5.3	Utica-Rome .....	9.5	7.6	Austin .....	2.3	2.6
New Britain .....	4.9	4.4	New Bedford .....	10.2	6.2	<b>NORTH CAROLINA</b>			Beaumont-		
New Haven-			Springfield-			Asheville .....	5.9	2.3	Port Arthur-		
West Haven .....	11.0	9.8	Chicopee-			Charlotte-			Orange .....	3.0	3.4
Stamford .....	9.7	7.5	Holyoke .....	17.8	12.8	Gastonia .....	20.3	7.8	Corpus Christi .....	2.2	1.8
Waterbury .....	4.6	5.1	Worcester .....	8.9	8.0	Greensboro-			Dallas .....	20.0	11.8
<b>DELAWARE</b>			<b>MICHIGAN</b>			Winston Salem-			El Paso .....	3.2	4.5
Wilmington .....	14.6	7.9	Battle Creek .....	7.6	5.2	High Point .....	23.6	9.3	Fort Worth .....	7.4	5.2
<b>DIST. OF COL.</b>			Detroit .....	192.9	95.9	Raleigh-Durham .....	6.4	3.6	Houston .....	9.4	10.0
Washington .....	27.8	28.9	Flint .....	25.5	10.6	<b>OHIO</b>			San Antonio .....	7.5	6.9
<b>FLORIDA</b>			Grand Rapids .....	21.5	11.4	Akron .....	16.4	11.4	<b>UTAH</b>		
Jacksonville .....	5.6	5.8	Kalamazoo-			Canton .....	9.6	7.7	Salt Lake City-		
Miami .....	31.9	22.9	Portage .....	6.7	4.6	Cincinnati .....	25.8	17.2	Ogden .....	9.1	9.2
Tampa-St.			Lansing .....	16.0	10.7	Cleveland .....	38.8	27.3	<b>VIRGINIA</b>		
Petersburg .....	18.5	22.6	Lansing-East			Columbus .....	20.0	14.6	Newport News-		
<b>GEORGIA</b>			Muskegon-			Dayton .....	18.0	11.3	Hampton .....	3.4	2.5
Atlanta .....	40.3	21.7	Heights .....	7.6	5.0	Hamilton-			Norfolk-		
Augusta .....	6.6	4.1	Saginaw .....	7.4	4.1	Middletown			Virginia Beach-		
Columbus .....	6.2	3.3	<b>MINNESOTA</b>			Lorain-			Portsmouth .....	5.7	6.2
Macon .....	5.9	3.2	Duluth-			Elyria .....	6.5	3.0	Richmond .....	2.5	3.2
Savannah .....	4.2	2.7	Superior .....	5.7	5.1	Steubenville-			Roanoke .....	2.5	2.2
<b>HAWAII</b>			Minneapolis-			Weirton .....	1.6	1.7	<b>WASHINGTON</b>		
Honolulu .....	10.3	14.8	St. Paul .....	36.9	31.1	Toledo .....	25.7	12.0	Seattle .....	39.2	39.8
<b>ILLINOIS</b>			<b>MISSISSIPPI</b>			Youngstown-			Spokane .....	10.4	8.4
Chicago .....	139.5	157.7	Jackson .....	3.2	1.9	Warren .....	17.8	12.5	Tacoma .....	10.3	11.9
Davenport-Rock			<b>MISSOURI</b>			<b>OKLAHOMA</b>			<b>WEST VIRGINIA</b>		
Island-			Kansas City .....	30.7	20.3	Oklahoma City .....	8.1	7.6	Charleston .....	4.3	3.9
Moline .....	4.0	5.7	St. Louis .....	56.1	43.7	Tulsa .....	5.7	7.0	Huntington-		
Peoria .....	4.4	5.9	<b>NEBRASKA</b>			<b>OREGON</b>			Ashland .....	5.2	4.2
Rockford .....	7.9	7.6	Omaha .....	11.7	9.4	Portland .....	29.9	24.5	Wheeling .....	4.2	3.6
<b>INDIANA</b>			<b>NEW HAMPSHIRE</b>			<b>PENNSYLVANIA</b>			<b>WISCONSIN</b>		
Evansville .....	6.8	3.6	Manchester .....	4.1	2.8	Allentown-			Kenosha .....	2.3	9.4
Ft. Wayne .....	9.2	5.2				Bethlehem-			Madison .....	9.3	7.7
						Easton .....	22.8	19.1	Milwaukee .....	25.1	22.4
						Altoona .....	4.5	2.9	Racine .....	3.6	5.2
						Erie .....	7.7	7.9			
						Harrisburg .....	10.5	8.1			
						Johnstown .....	7.0	5.8			
						Lancaster .....	9.0	6.5			

<sup>1</sup> Insured jobless under State, Federal Employee, and Ex-Servicemen's unemployment insurance programs excludes extended benefit claims.<sup>2</sup> 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.

**Revised seasonally adjusted real earnings series of production or nonsupervisory workers on private nonagricultural payrolls**

New seasonal adjustment procedures for the Consumer Price Index were introduced with the release of the January 1976 CPI. Consequently, the seasonally adjusted CPI has been revised back to January 1967. The series shown below which use the seasonally adjusted CPI in their computation have been revised accordingly. The weekly earnings figures (in 1967 dollars) appear currently in table C-8. They are also published along with the hourly earnings figures (in 1967 dollars) in the Real Earnings press release.

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>Gross average weekly earnings in 1967 dollars</b>												
1967.....	101.94	101.05	101.44	101.35	101.52	101.49	102.22	102.19	102.15	101.69	102.57	101.84
1968.....	102.18	102.79	102.59	102.85	103.45	103.60	103.19	103.16	104.22	103.71	103.38	103.79
1969.....	104.05	103.73	104.03	104.14	104.73	104.57	104.16	104.37	104.85	104.17	104.28	103.97
1970.....	103.14	103.25	103.18	102.69	102.20	102.58	103.14	103.46	102.19	102.25	102.36	102.83
1971.....	103.50	104.03	104.11	104.66	104.47	104.56	104.32	104.95	104.88	105.89	106.22	106.69
1972.....	107.33	107.50	107.92	108.94	108.00	108.42	108.87	109.20	109.44	110.28	110.22	110.16
1973.....	109.64	110.12	109.77	109.78	109.10	109.37	109.95	108.34	108.76	108.21	108.44	107.93
1974.....	106.35	106.25	105.44	104.15	105.11	104.97	105.21	104.33	103.84	103.67	102.12	102.31
1975.....	102.01	101.67	101.40	101.12	101.06	101.10	100.76	101.62	101.57	101.89	102.65	102.37
<b>Spendable weekly earnings—worker with 3 dependents in 1967 dollars</b>												
1967.....	91.07	90.34	90.65	90.57	90.67	90.62	91.17	91.11	91.04	90.65	91.31	90.70
1968.....	90.94	91.40	91.20	91.10	91.51	91.56	91.19	91.12	91.88	91.43	91.12	91.40
1969.....	91.15	90.85	91.00	91.02	91.42	91.23	90.87	90.98	91.30	90.73	90.75	90.44
1970.....	90.51	90.53	90.44	90.01	89.58	89.85	90.27	90.50	89.45	89.46	89.49	89.83
1971.....	91.70	92.11	92.15	92.55	92.35	92.37	92.15	92.63	92.56	93.34	93.58	93.90
1972.....	95.76	95.84	96.16	96.94	96.17	96.49	96.79	97.03	97.18	97.81	97.73	97.65
1973.....	96.47	96.78	96.40	96.32	95.73	95.87	96.30	94.86	95.14	94.63	94.73	94.25
1974.....	92.91	92.70	91.97	90.91	91.54	91.34	91.45	90.64	90.15	89.93	88.65	88.72
1975.....	88.42	88.11	87.86	87.59	91.54	91.48	91.10	91.71	91.63	91.81	92.30	92.02
<b>Average hourly earnings in 1967 dollars</b>												
1967.....	2.65	2.66	2.67	2.67	2.68	2.68	2.69	2.69	2.68	2.68	2.69	2.69
1968.....	2.70	2.71	2.71	2.73	2.74	2.73	2.73	2.73	2.75	2.74	2.75	2.76
1969.....	2.75	2.76	2.76	2.76	2.77	2.77	2.77	2.78	2.78	2.78	2.78	2.77
1970.....	2.76	2.76	2.77	2.76	2.76	2.76	2.76	2.77	2.79	2.78	2.77	2.78
1971.....	2.80	2.81	2.82	2.83	2.83	2.83	2.83	2.84	2.85	2.86	2.86	2.88
1972.....	2.89	2.90	2.91	2.93	2.92	2.92	2.92	2.93	2.94	2.94	2.96	2.97
1973.....	2.96	2.96	2.95	2.95	2.94	2.95	2.96	2.93	2.94	2.93	2.93	2.92
1974.....	2.90	2.88	2.87	2.86	2.86	2.87	2.87	2.85	2.84	2.84	2.82	2.82
1975.....	2.82	2.82	2.82	2.82	2.82	2.81	2.80	2.81	2.81	2.81	2.83	2.81

# **Explanatory Notes**

**Introduction**

**Household Data (A tables)**

**Establishment Data (B, C, and D tables)**

**Unemployment Insurance Data (E 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, color, marital status, occupations, hours of work, and duration of unemployment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 47,000 households, representing 461 areas in 923 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment surveys are **designed** to provide detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, 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 derived only from establishment reports.

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

### Employment

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

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

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

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

### Hours of work

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

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

## COMPARABILITY OF THE HOUSEHOLD 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 worked on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

## COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

*Statistics on manufactures and business, Bureau of the Census.* BLS establishment statistics on employment differ from employment counts derived by the Bureau of the Census from its censuses or annual sample surveys of manufacturing establishments and the censuses of business establishments. The major reasons for some noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units, the industrial classification of establishments, and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes 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 313. This report is available from BLS on request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population. 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 calendar week, Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions, 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 designated for interview. About 1,700 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 7,500 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next, and one-half to be common with the same month a year ago.

## CONCEPTS

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

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

Included in the total are employed citizens of foreign countries, temporarily in the United States, who are not living on the premises of an Embassy.

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

*Unemployed persons* comprise all persons who did not work during the survey week, who made specific efforts to find a job within the past 4 weeks, and who were available for work during the survey week (except for temporary illness). Also included as unemployed are those who did not work at all, were available for work, and (a) were waiting to be called back to a job from which they had been laid off; or (b) were waiting to report to a new wage or salary job within 30 days.

Duration of unemployment represents the length of time (through the current survey week) during which persons classified as unemployed had been continuously looking for work. For persons on layoff, duration of unemployment represents the number of full weeks since the termination of their most recent employment. A period of 2 weeks or more during which a person was employed or ceased looking for work is considered to break the continuity of the present period of seeking work. Average duration is an arithmetic mean computed from a distribution by single weeks of unemployment.

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

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

*Participation rates* represent the proportion of the non-institutional 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 color and educational attainment.

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

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

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

Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a 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 unemployment persons looking for full-time work lost an average of 37.5 hours, (2) that those looking for part-time work lost the average number of hours actually worked by voluntary part-time workers during the survey week, and (3) that persons on part time for economic reasons lost the difference between 37.5 hours and the actual number of hours they worked.

*White and Negro and other races* are terms used to describe the color or race of workers. The Negro and other races

category, which in the past had been identified 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 Negro and other races population group were Negro; the remainder were American Indians, Eskimos, Orientals, and other nonwhite. Tables in this volume which contain these data utilize the word "color" to so indicate. The term "Negro" is used in tables when the relevant data are provided for Negroes exclusively.

*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 98 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 was primarily one of going to school or not. Statistics on major activities are published every month in table A-6 for 16-21 year-olds by employment status, color, 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, therefore, is equal to the number of households.

*Vietnam-era veterans* are those who served in the Armed Forces of the United States after August 4, 1964. 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 jobseeking 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 those who were 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 of 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 relative 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 Negro and other races 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 Negro and other races 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 Negro and other races labor force rose by about 210,000. Unemployment levels and rates were not affected significantly.

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 Negro and other races—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 Negro-and-other races 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 Negro-and-other-races population by less than 1 percent

in any age-sex group, and all of the changes were in the "other races" 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 presentation, 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 occupational 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 be made between 1972 and 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 estimation methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. There are no subsequent adjustments to independent benchmark data on labor force, employment, or unemployment. Therefore, revisions of the historical data are not an inherent feature of this statistical program.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas and, within these, for six groups—two race categories (white, and

Negro and other races) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these 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, color, sex, and residence. Since these population characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the latter estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio estimates as follows:

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

b. *Second-stage ratio estimate.* In this step, the sample proportions are applied to independent current estimates of the population by age, sex, and color. 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 color (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 color. 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.

**Table A. Average standard error of major employment status categories**

[In thousands]

Employment status and sex	Average standard error of—	
	Monthly level	Month-to-month change (consecutive months only)
<b>BOTH SEXES</b>		
Labor force .....	205	150
Total employment .....	210	155
Agriculture .....	95	60
Nonagricultural employment .....	210	155
Unemployment .....	90	95
<b>MALE</b>		
Labor force .....	115	95
Total employment .....	125	100
Agriculture .....	85	55
Nonagricultural employment .....	130	105
Unemployment .....	70	80
<b>FEMALE</b>		
Labor force .....	140	110
Total employment .....	140	110
Agriculture .....	35	25
Nonagricultural employment .....	140	110
Unemployment .....	60	70

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of

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

[In thousands]

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

all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

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

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

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

[In thousands]

Standard error of monthly level	Standard error of month-to-month change
10	12
25	28
50	55
100	100
150	140
200	155
250	160
300	190

The reliability of an estimated percentage, computed by using sample data for both numerator and denominator, depends upon both the size of the percentage and the size of the total upon which the percentage is based. Where the numerator is a subclass of the denominator, estimated percentages are relatively more reliable than the corresponding absolute estimates of the numerator of the percentage, particularly if the percentage is large (50 percent or greater). Table D shows the standard errors for percentages derived from the survey. Linear interpolation may be used for percentages and base figures not shown in table D. As a general rule, percentages will not be published when the monthly base is less than 75,000 or the annual base is less than 35,000. Table 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 D. Standard error of percentage**

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

**Table E. Standard error of percentage for major unemployment rates**

Selected categories	Monthly level	Consecutive month change
Total (all civilian workers)	0.09	0.11
Men, 20 years and over	.10	.12
Women, 20 years and over	.16	.19
Both sexes, 16-19 years	.50	.64
White workers	.09	.11
Negro (and other races) workers	.36	.45
Household heads	.09	.11
Married men	.09	.11
Full-time workers	.09	.11
Part-time workers	.32	.40
Unemployed 15 weeks and over	.04	.05
Labor force time lost	.10	.12
OCCUPATION		
White-collar workers	.11	.13
Professional and technical	.18	.22
Managers and administrators except farm	.14	.18
Sales workers	.34	.42
Clerical workers	.21	.25
Blue-collar workers	.16	.20
Craft and kindred workers	.23	.28
Operatives	.24	.30
Nonfarm laborers	.52	.65
Service workers	.27	.34
Farm workers	.37	.45
INDUSTRY		
Nonagricultural private wage and salary workers	.11	.13
Construction	.52	.66
Manufacturing	.18	.22
Durable goods	.21	.26
Nondurable goods	.30	.37
Transportation and public utilities	.33	.40
Wholesale and retail trade	.24	.30
Finance and service industries	.20	.24
Government wage and salary workers	.18	.22
Agricultural wage and salary workers	.97	1.23

# Establishment data

(B, C, and D tables)

## COLLECTION

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

### Federal-State cooperation

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

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

### Shuttle schedules

Two types of data collection schedules are used: Form BLS 790—Monthly Report on Employment, Payroll, and Hours; and Form DL 1219—Monthly Report on 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 for 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 aids, 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 amounts stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction-worker, or nonsupervisory-employee definitions.

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

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

This 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.

#### **Spensible average weekly earnings**

Spensible average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of

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

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

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

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

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

Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker 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 payroll**

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 non-agricultural 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.

**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)
<b>Monthly data</b>		
All employees . . . . .	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees . . . . .	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees.	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.
Gross average weekly hours . . . . .	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers.	Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells.
Average weekly overtime hours . . . . .	Production worker overtime 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.
<b>Annual average data</b>		
All employees and production or nonsupervisory workers . . . . .	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Gross average weekly hours . . . . .	Annual total of aggregate 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.

## 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. Benchmarks 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 shown in table G.

**Table G. Nonagricultural payroll employment estimates, by industry divisions, as a percentage of the benchmark for 1971, 1973, and 1974**

Industry division	1971	1973 <sup>1</sup>	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

<sup>1</sup> 2-year revision.

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*.

## THE SAMPLE

### Design

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

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

In the context of the BLS employment and 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



**Table H. Approximate size and coverage of BLS employment and payrolls sample, March 1974<sup>1</sup>**

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) .....	3,200	2,691,000	100
State and local .....	10,400	6,032,000	52

<sup>1</sup> 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.

<sup>2</sup> 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.

from the proportions shown. Table I shows the approximate coverage, in terms of employment, of the labor turnover sample.

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

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

Industry division	Average benchmark revision in estimates of employment <sup>2</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
Total nonagricultural employment .....	0.2	-	-
Total private .....	.1	0.1	0.2
Mining .....	1.2	.5	.5
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 <sup>3</sup> .....	.6	-	-

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

<sup>2</sup> The average percent revision in employment for the 1967-71 and 1974 benchmarks.

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

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.

**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 <sup>1</sup>	Relative errors (in percent)	
		Average weekly hours	Average hourly earnings
50,000 .....	1,900	0.9	1.5
100,000 .....	2,700	.7	1.1
200,000 .....	4,100	.5	.9
500,000 .....	9,600	.4	.8
1,000,000 .....	13,000	.3	.5
2,000,000 .....	16,800	.3	.5

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

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.

## 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.

**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

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 data 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* include 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

In the total private economy and the nonfarm sector, the basis for the output measure employed in the computation of output per hour is Gross Domestic Product rather than

Gross National Product. Computation of hours includes estimates of nonfarm and farm proprietor hours.

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.

## Unemployment insurance data (E 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 unemployment is

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

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitations of unemployment insurance data should address their inquiries to 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 by the Census X-11 Method. For each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four age-sex groups (male

and female workers, 16-19 years and 20 years and over) are separately adjusted for seasonal variation and then added to give seasonally adjusted total figures. In order to produce seasonally adjusted total employment and civilian labor force data, the appropriate series are aggregated. The seasonally adjusted rate of unemployment for all civilian workers is derived by dividing the figure for total unemployment (the sum of four seasonally adjusted age-sex components) by the figure for the civilian labor force (the sum of 12 seasonally adjusted age-sex components). Other series, such as unemployment by duration or employment by major occupational groups, are independently adjusted.

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. Once each year (in January), these factors are revised in the light of the previous years' experience. Revised seasonally adjusted series for major components of the labor force based on data through December 1975, plus a short description of the methodology, are published in the February 1976 *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, the seasonally adjusted series on hours and hourly earnings, for industry groupings are computed by applying factors directly to the corresponding unadjusted series, utilizing the BLS Seasonal Factor Method. However, seasonally adjusted employment totals for all employees and production workers by industry division are

obtained by summing seasonally adjusted data for the component industries. Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing seasonally adjusted average weekly earnings by the seasonally adjusted Consumer Price Index. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or non-supervisory workers, seasonally adjusted, and dividing by the 1967 base. For total private, total goods producing, total private service producing, trade, manufacturing, and durable and non-durable 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.

Labor turnover rates are seasonally adjusted by applying appropriate seasonal factors to the rate. 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 June 1975. Seasonal factors to be used for current adjustment appear in the October 1975 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 1711.