

# 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   |      |      |      |      |     |      |      |      |      |      |      |
| Poverty-nonpoverty area data   | x    |      |      | x    |     |      | x    |      | x    |      |      |
| <b>Establishment data</b>  |      |      |      |      |     |      |      |      |      |      |      |
| National annual averages:  |      |      |      |      |     |      |      |      |      |      |      |
| Industry divisions (preliminary)   | x    |      |      |      |     |      |      |      |      |      |      |
| Industry detail (final)  |      |      | x    |      |     |      |      |      |      |      |      |
| Women employment (National)  |      | x    |      |      | x   |      |      | x    |      | x    |      |
| National data adjusted to new benchmarks   |      |      |      |      |     |      |      |      | (1)  |      |      |
| Revised seasonally adjusted series   |      |      |      |      |     |      |      |      | (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.

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# Employment and Unemployment Developments, August 1976

Both unemployment and total employment were about unchanged in August. The Nation's unemployment rate was 7.9 percent, little different from the July rate of 7.8 percent but 0.6 percentage point above the 1976 low reached in May.

Total employment—as measured by the monthly survey of households—totaled 88.0 million in August, about the same level as in July. Since its March 1975 recession low, employment has grown by 3.9 million, or an average monthly change over the 17-month span of nearly 230,000.

Nonagricultural payroll employment—as measured by the monthly survey of establishments—rose by 240,000 to 79.4 million. Payroll jobs were 3.1 million above their June 1975 recession low, a monthly average gain of 220,000.

## Unemployment

Both the number of unemployed persons and the unemployment rate were little changed in August, after rising in the 2 previous months. A total of 7.5 million persons (adjusted for seasonality) were jobless, representing 7.9 percent of the labor force.

Although overall joblessness was essentially unchanged, there were offsetting movements among major labor force groups. In particular, the unemployment rate for teenagers, which had been declining gradually since the beginning of the year, rose from 18.1 to 19.7 percent, while there was an improvement in the job situation for adult men—especially among heads of households. Divergent movements in joblessness were visible among adult women: The jobless rate for those 25 years of age and over declined over the month, while the rate for younger women (20-24 years) increased substantially. There was also a sizeable rise in the unemployment rate of female family heads.

Jobless rates for white and black workers, at 7.1 and 13.6 percent, respectively, were about the same as in July. However, the rate for black teenagers, which had dropped substantially in the prior month, returned to the June level.

There was a substantial increase in the number of workers who were seeking their first job, a reflection of the increased joblessness among teenage and young adult women. On the other hand, after rising markedly in June and July, there was little change in the number of persons who had lost their last job. The average (mean) duration of unemployment also held relatively steady in August at 15.5 weeks.

In addition to the relative stability in total unemployment, there was no change, for the second consecutive month, in the number of persons working part time for economic reasons—those who wish to work full time but are on reduced workweeks involuntarily.

## Total employment and the labor force

Total employment and the civilian labor force, at 88.0 and 95.5 million, respectively, were both about unchanged in August following sizeable increases in July. A small increase in employment among adult men was offset by a slight decrease among teenagers. Total employment now stands 3.9 million above its March 1975 recession low.

Since August 1975, the civilian labor force has risen 2.4 million. Adult women made up 1.4 million of this increase, with adult men and teenagers accounting for about 700,000 and 300,000, respectively.

## Industry payroll employment

An increase of 240,000 jobs in nonagricultural establishments brought the level of payroll employment to 79.4 million in August, seasonally adjusted. After remaining about unchanged during the April-June period, the payroll job count has increased by 500,000 over the past 2 months and by August was 3.1 million above the recession low of June 1975. Over-the-month increases in employment occurred in about 60 percent of the 172 private nonfarm industries that comprise the BLS index of diffusion.

Manufacturing employment, which had shown no growth since April, increased by 85,000 in August, in

part due to the settlement of several strikes. The gain, most of which occurred in durable goods industries, brought the number of factory jobs 935,000 above its July 1975 cyclical low.

Employment also rose over the month in services (75,000), State and local government (55,000), and retail trade (45,000). About half the increase in services was due to the settlement of the New York City hospital workers' strike.

Mining payrolls shrank by 40,000 as a result of strikes in the coal industry. Contract construction employment declined by 25,000, as the industry continued to behave sluggishly.

## Hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls was unchanged in August at 36.2 hours, seasonally adjusted. The workweek has remained essentially unchanged for the past 6 months at a level slightly above the spring 1975 low of 35.9 hours.

Whereas most other industries showed little change over the month, the manufacturing workweek was down to 39.9 hours but remained 1.1 hours longer than in February 1975. Most of this decline occurred in the overtime component.

The index of aggregate weekly hours of private non-agricultural production or nonsupervisory workers was about unchanged in August at 111.0 (1967=100). Although increases have slowed since the beginning of

this year, the index was 4.8 percent above its March 1975 recession low. The factory index, at 94.1, also remained about the same over the month but was up 8.9 percent from its cyclical low.

## Hourly and weekly earnings

Average hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls rose 0.2 percent over the month and 6.8 percent since August 1975 (seasonally adjusted). Average weekly earnings also rose 0.2 percent in August, reflecting the small increase in average hourly earnings. Weekly earnings have risen 6.8 percent over the past year.

Before adjustment for seasonality, average hourly earnings were \$4.87 in August, up 1 cent from July. Since August 1975, hourly earnings have risen 31 cents. Weekly earnings increased 36 cents over the month to \$178.84. Average weekly earnings have risen \$11.34 since last August.

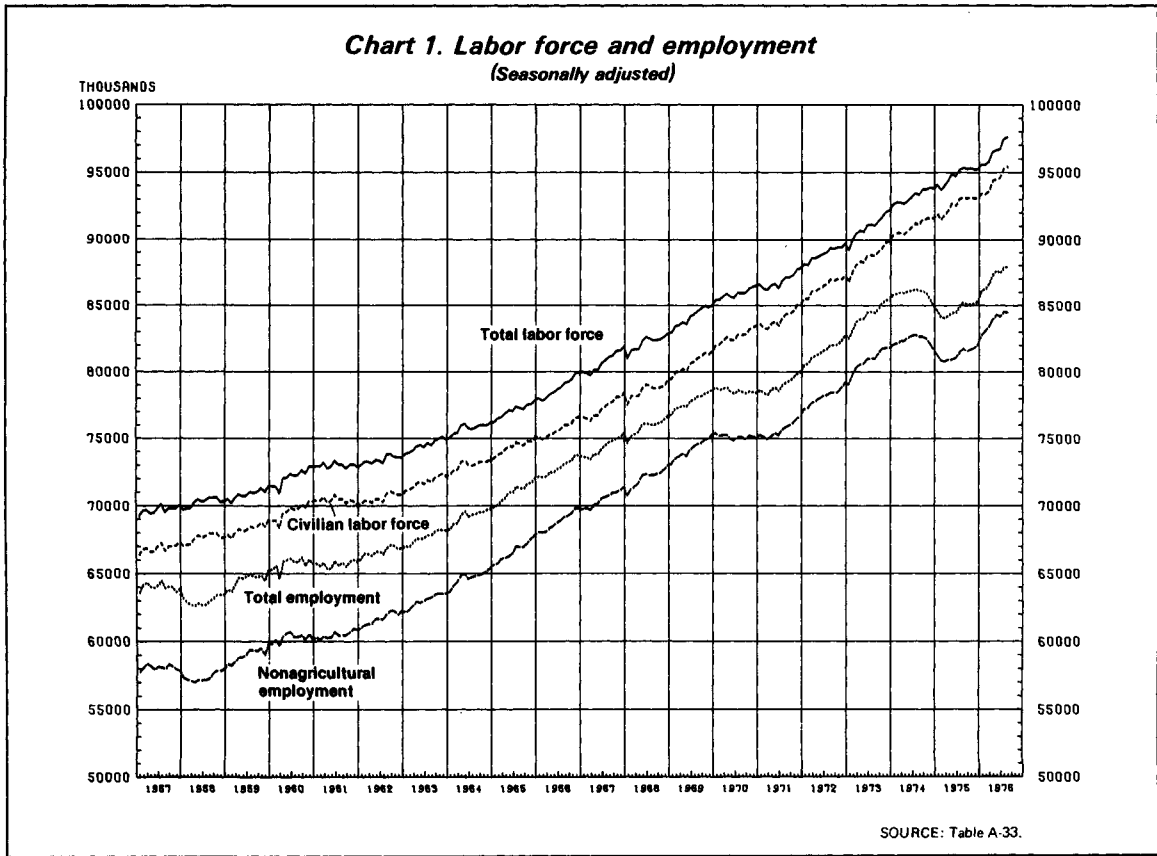
## The hourly earnings index

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 186.5 (1967=100) in August, 0.5 percent higher than in July. The index was 6.8 percent above August a year ago. During the 12-month period ended in July the Hourly Earnings Index in dollars of constant purchasing power rose 1.8 percent.

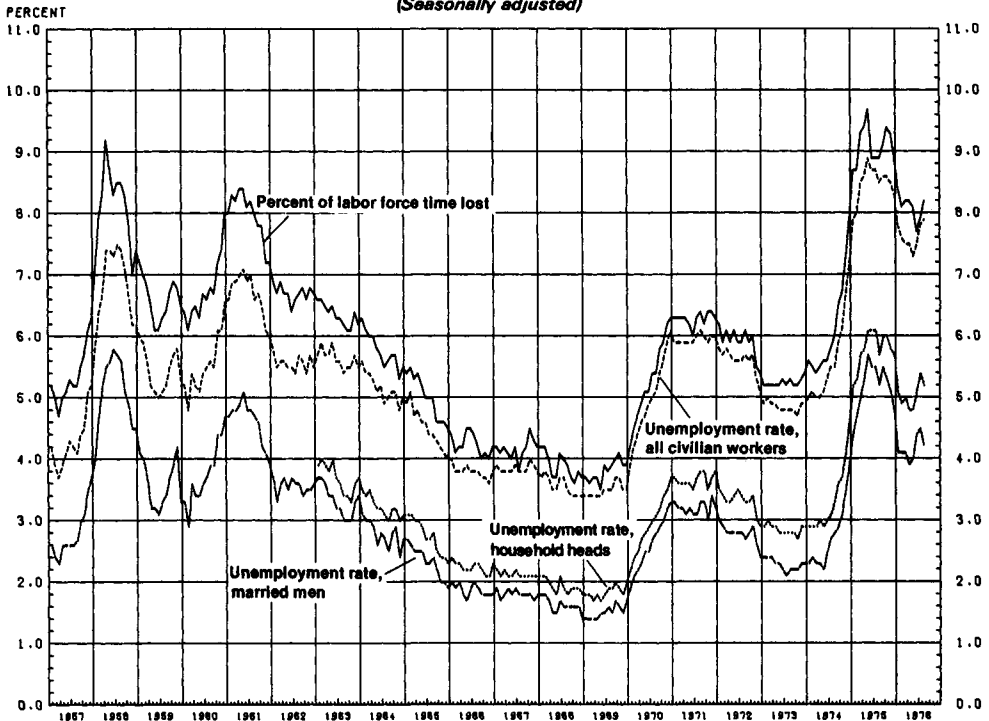
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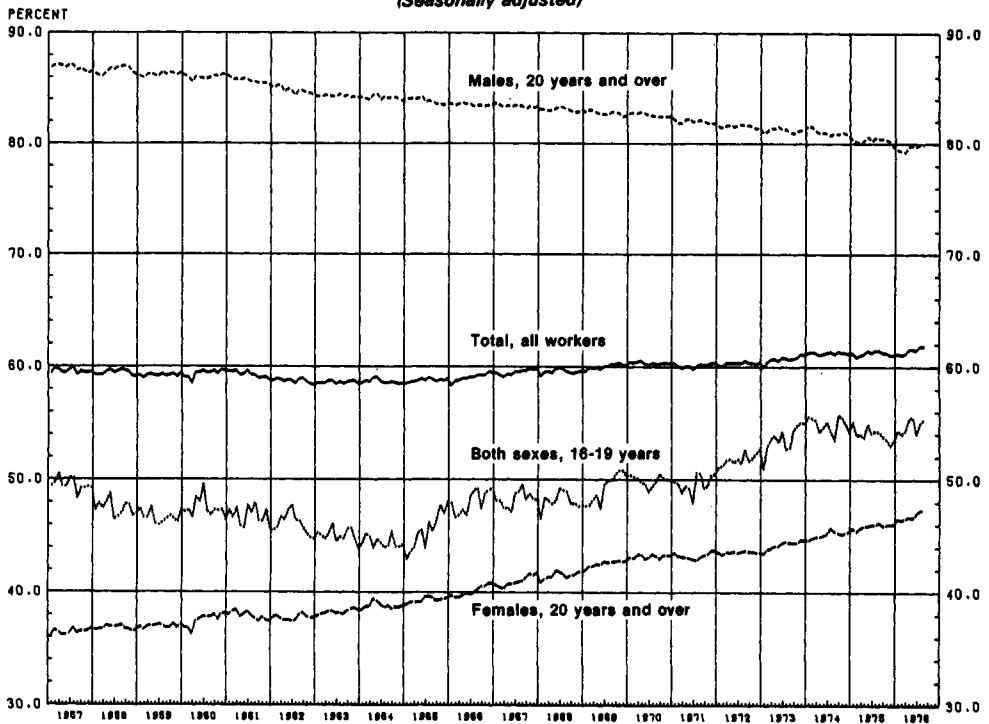


**Chart 2. Major unemployment indicators**  
(Seasonally adjusted)



SOURCE: Table A-36.

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

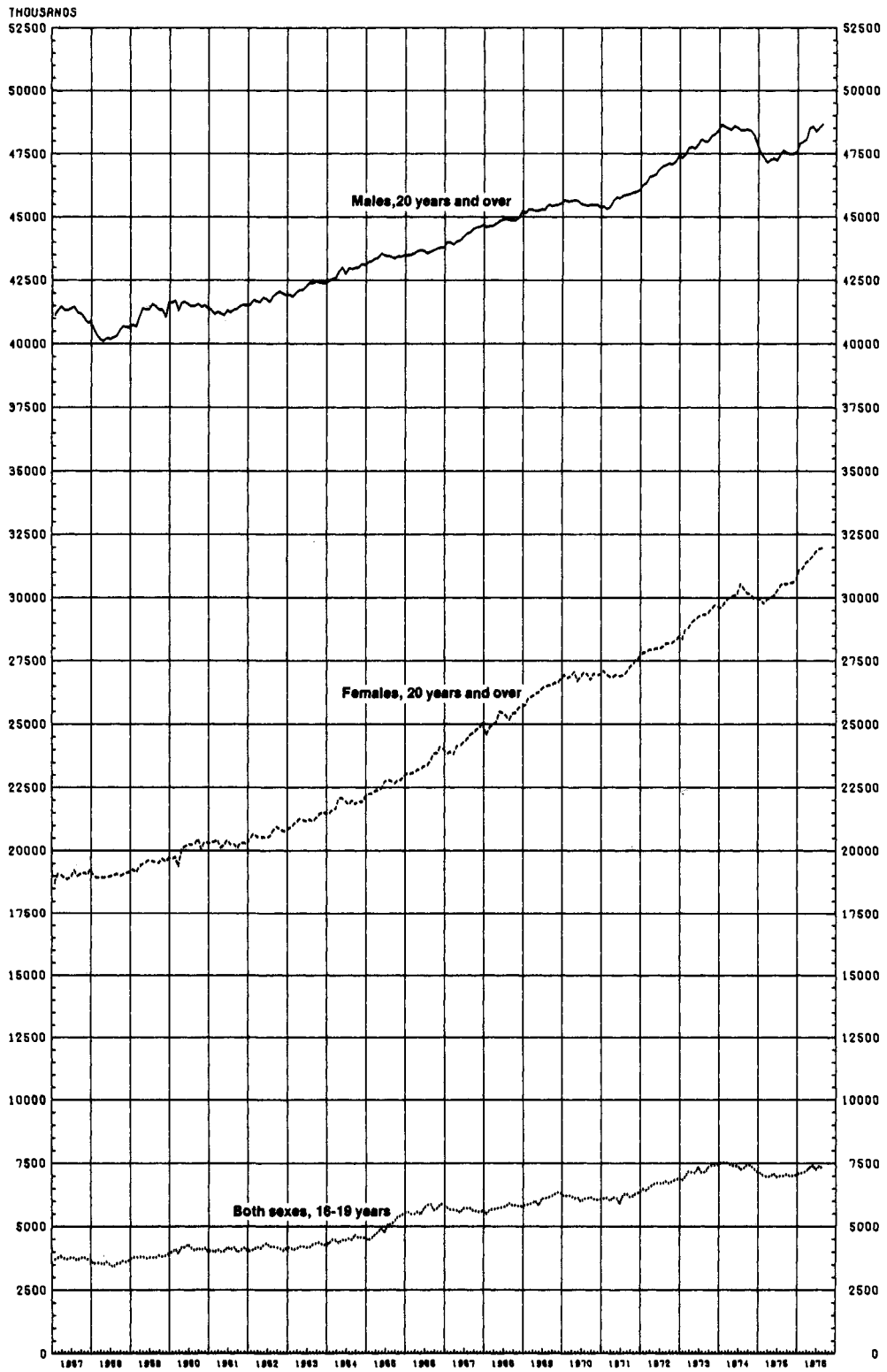


SOURCE: Table A-33.



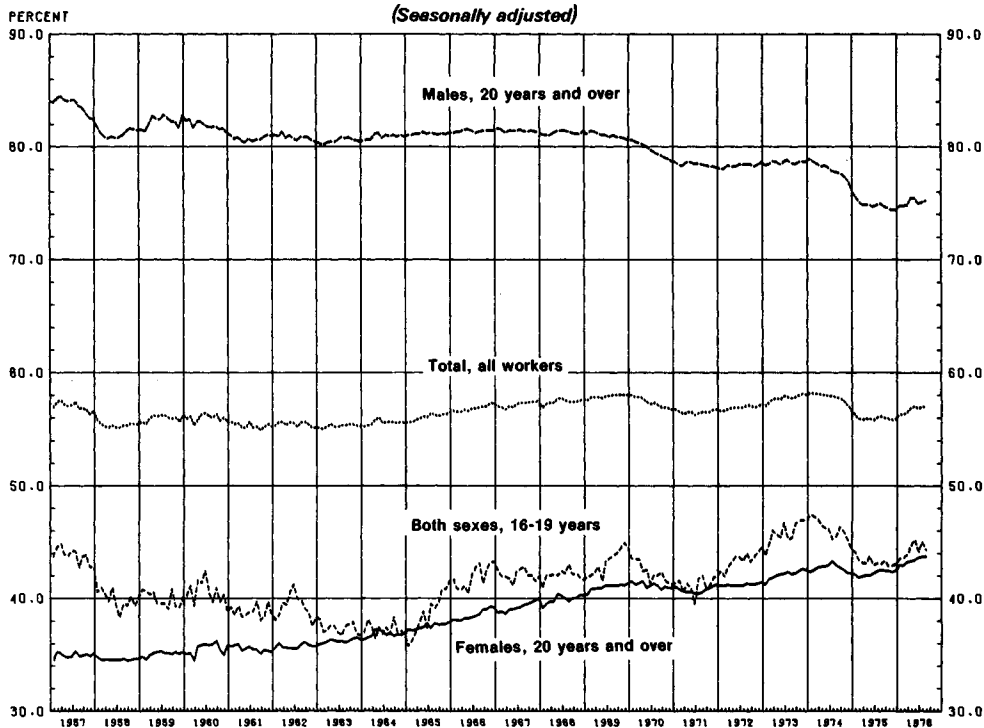
**Chart 4. Total employment by sex and age**

*(Seasonally adjusted)*



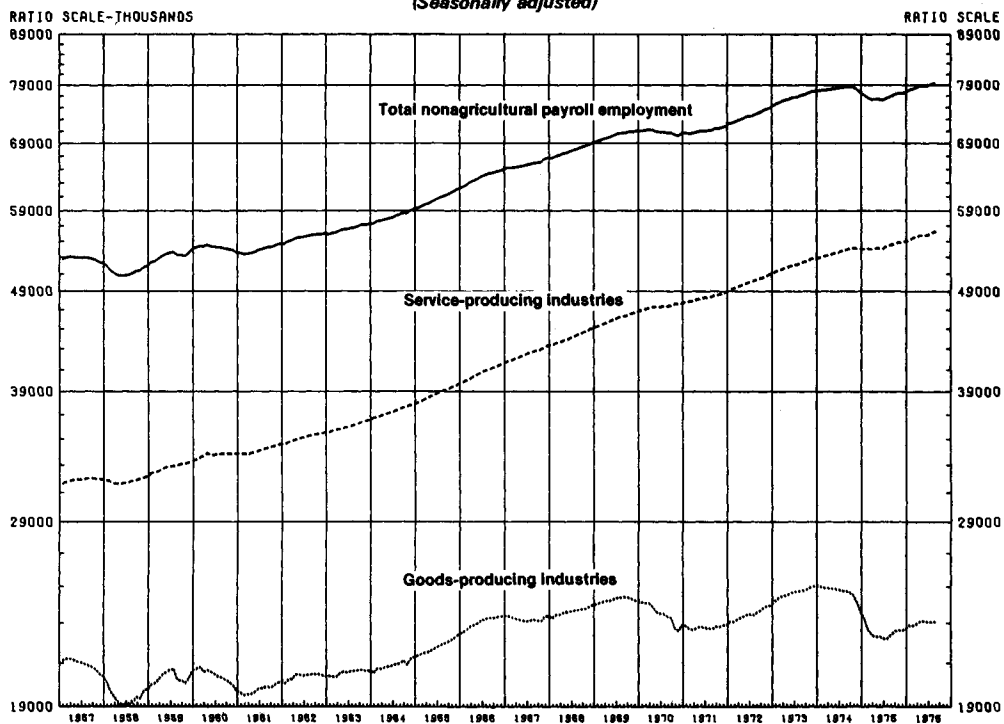
SOURCE: Table A-33.

**Chart 5. Employment—population ratios by sex and age**  
(Seasonally adjusted)



SOURCE: Table A-33.

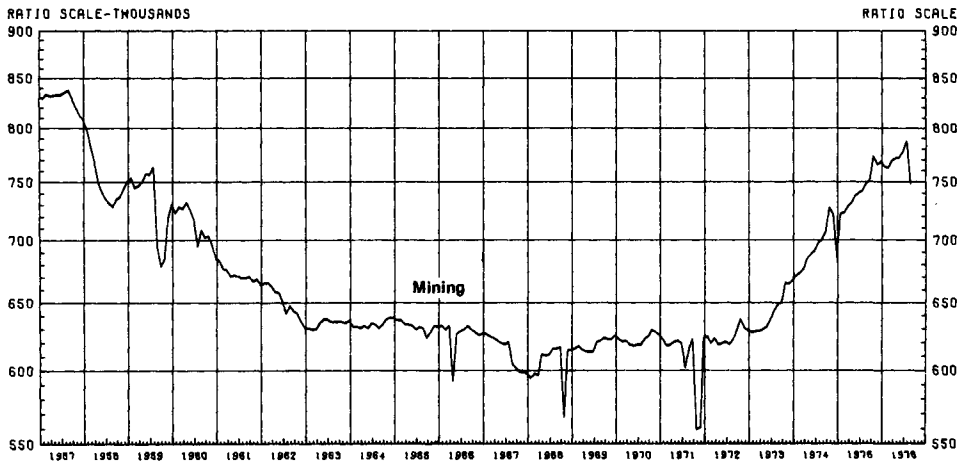
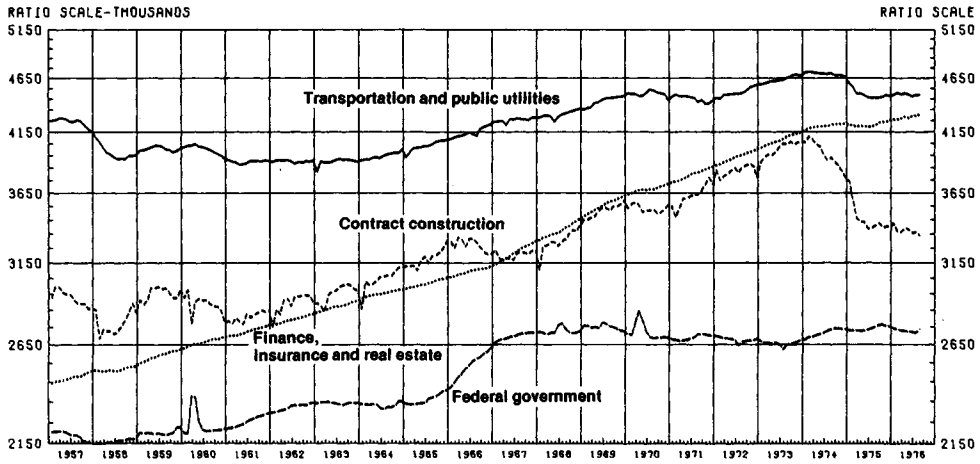
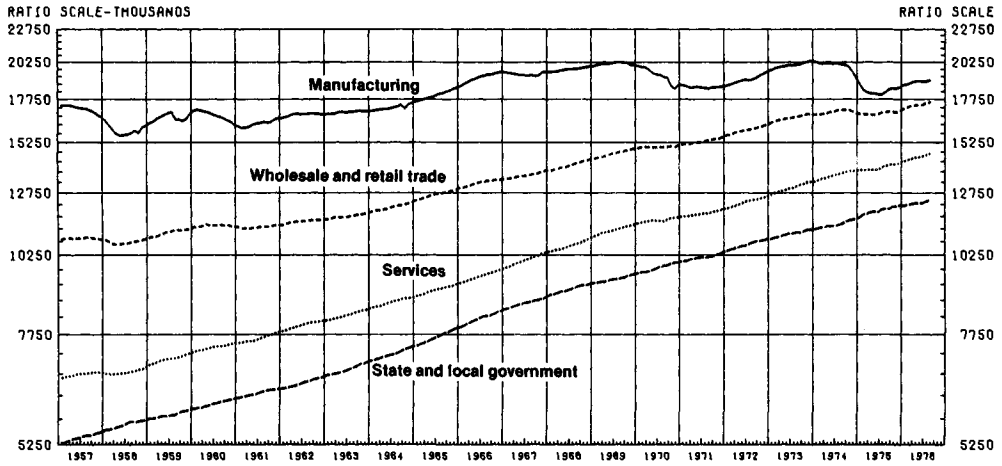
**Chart 6. Payroll employment in goods- and service-producing industries**  
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

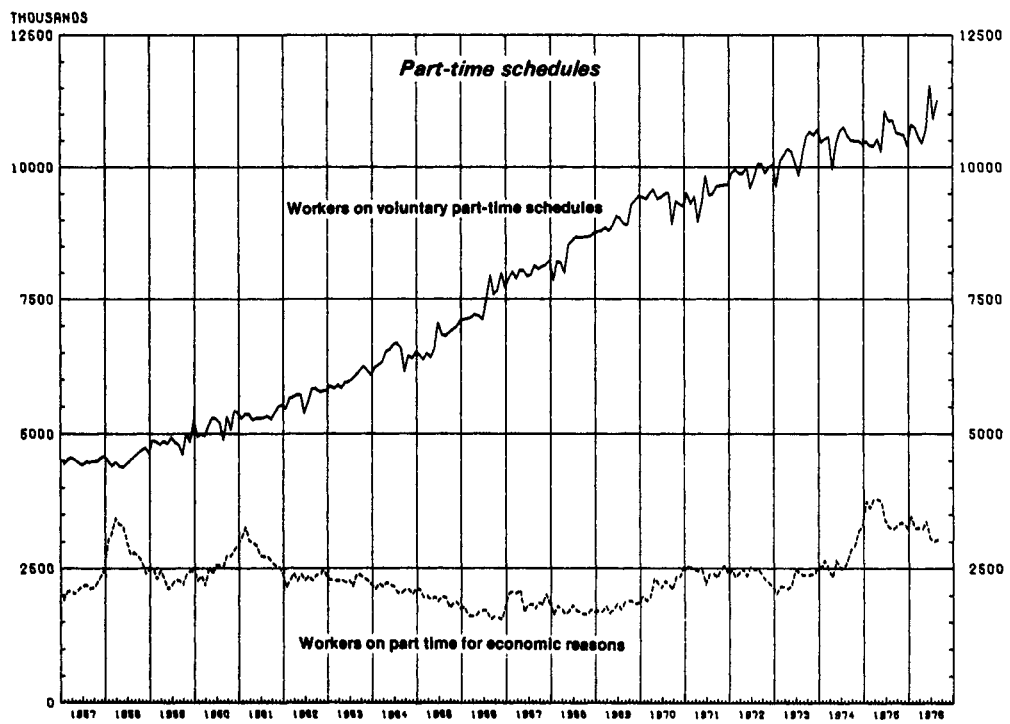
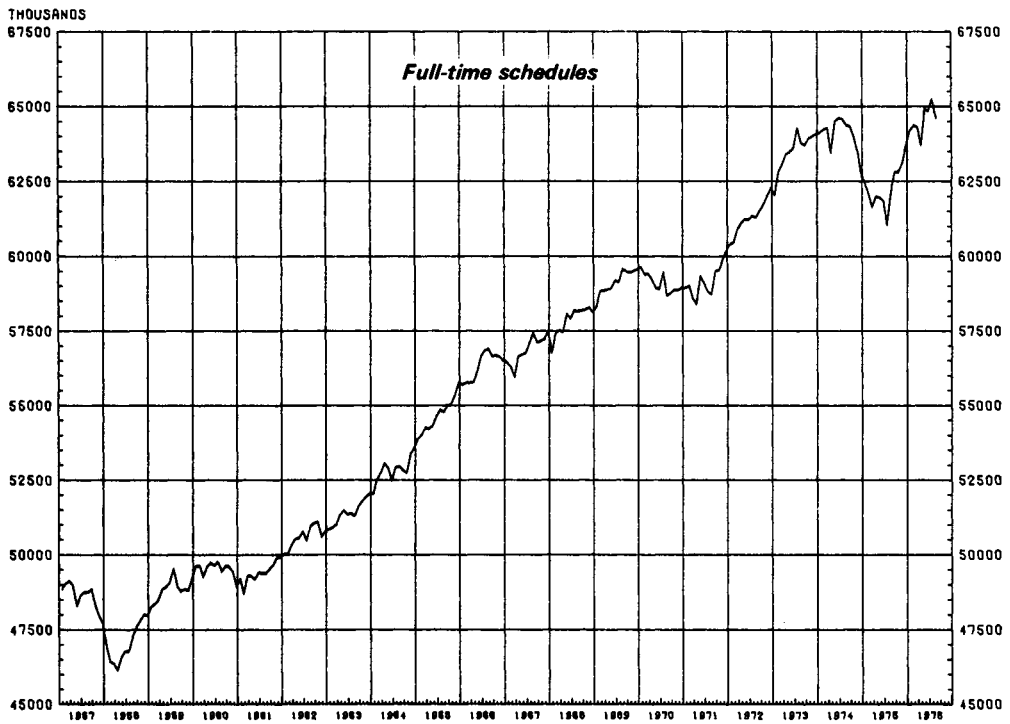
**Chart 7. Nonagricultural payroll employment by industry**  
(Seasonally adjusted)



NOTE: Data for two most recent months are preliminary.

SOURCE: Table B-5.

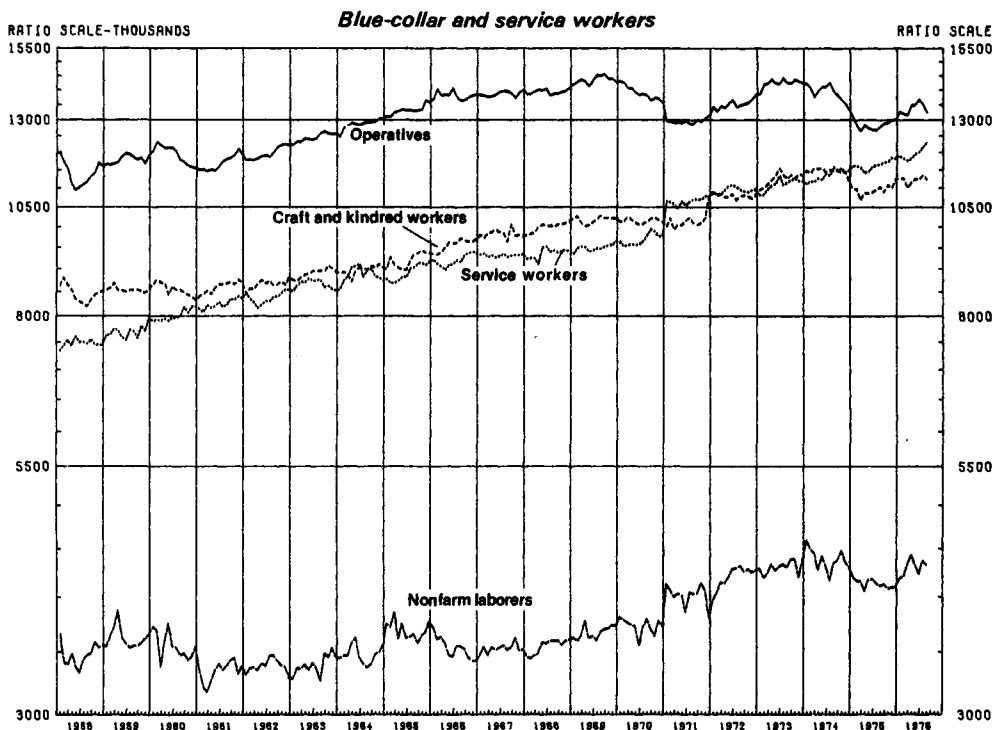
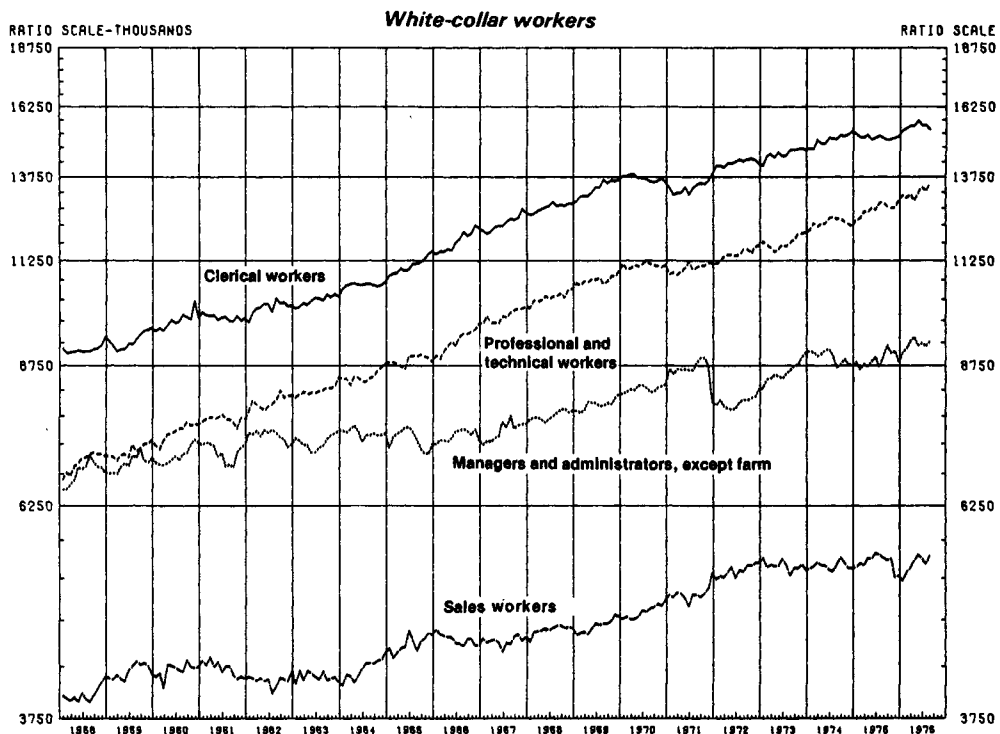
**Chart 8. Persons at work full and part time  
in nonagricultural industries**  
(Seasonally adjusted)



SOURCE: Table A-41.

### Chart 9. Employment in nonfarm occupations

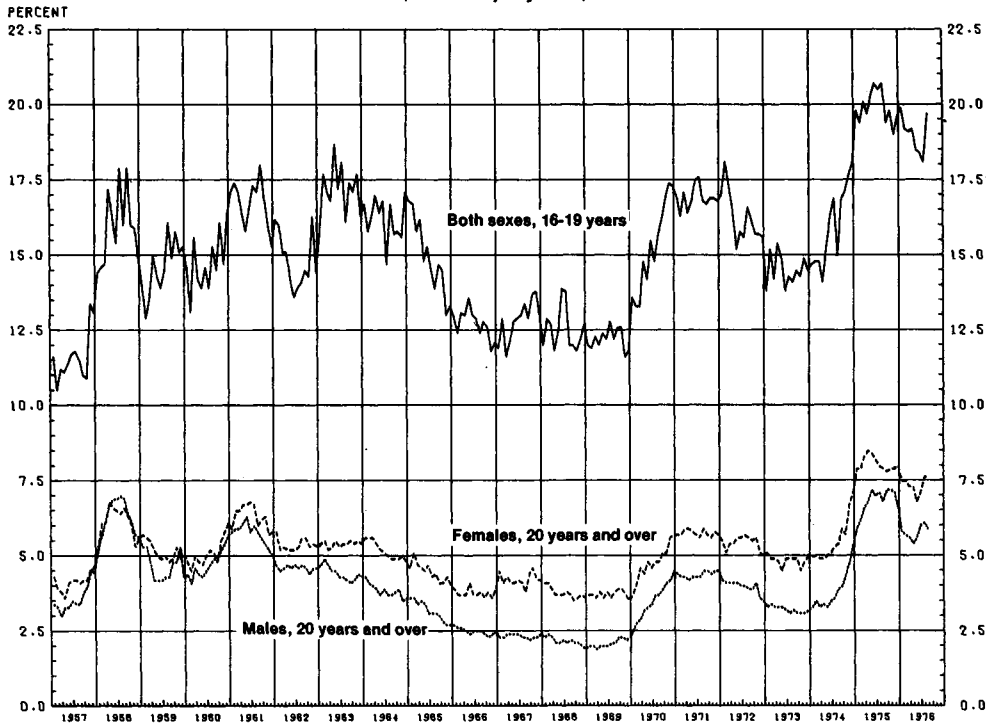
(Seasonally adjusted)



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

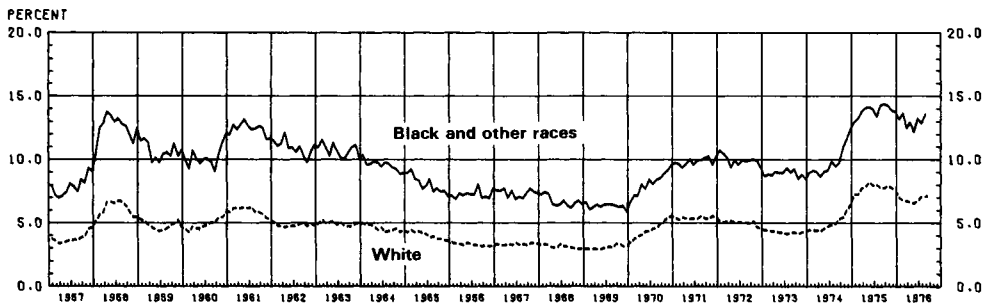
SOURCE: Table A-41.

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

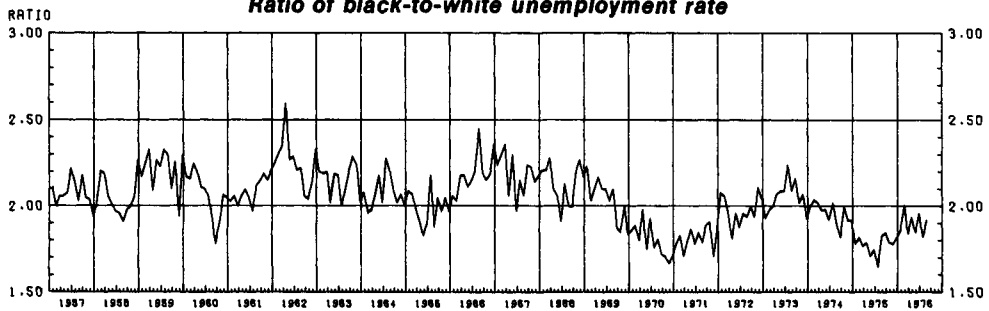


SOURCE: Table A-36.

**Chart 11. Unemployment rates by race**  
(Seasonally adjusted)



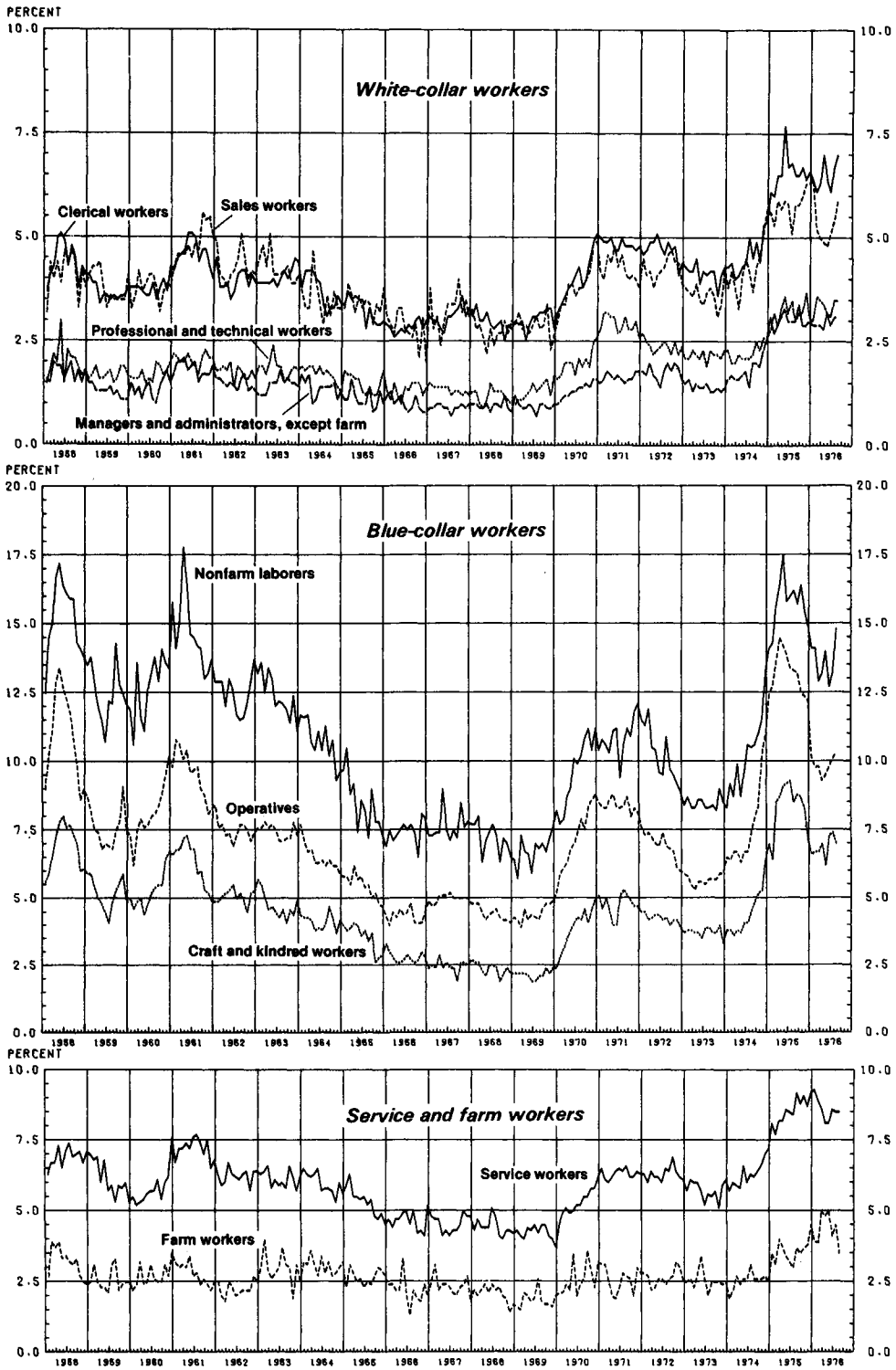
**Ratio of black-to-white unemployment rate**



SOURCE: Table A-35.

### Chart 12. Unemployment rates by major occupational groups

(Seasonally adjusted)



SOURCE: Table A-36.

**Chart 13. Duration of unemployment**  
(Seasonally adjusted)

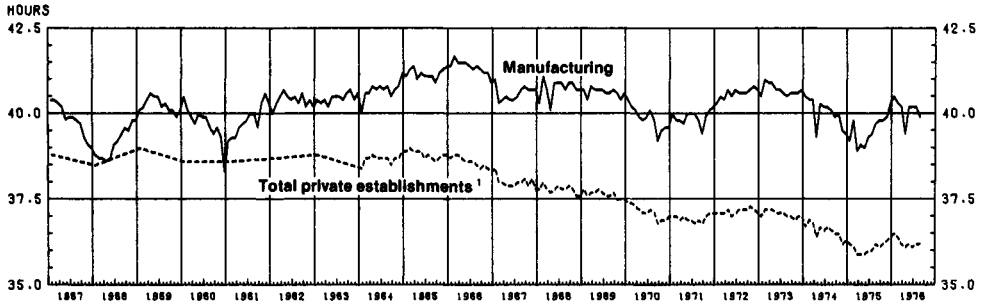


SOURCE: Table A-37.

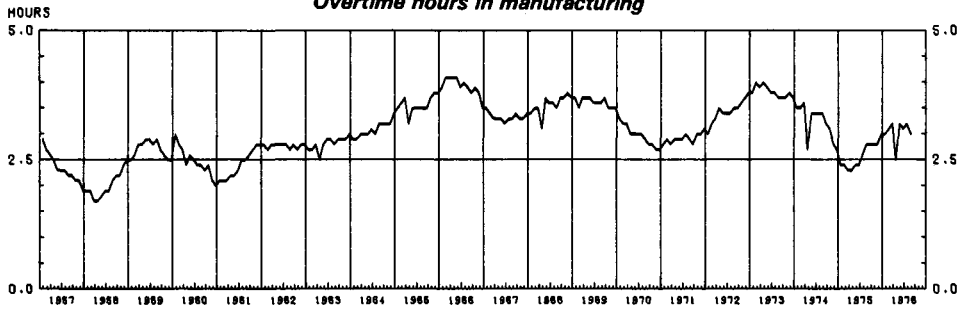


**Chart 14. Average weekly hours in nonagricultural industries**

*(Seasonally adjusted)*



**Overtime hours in manufacturing**



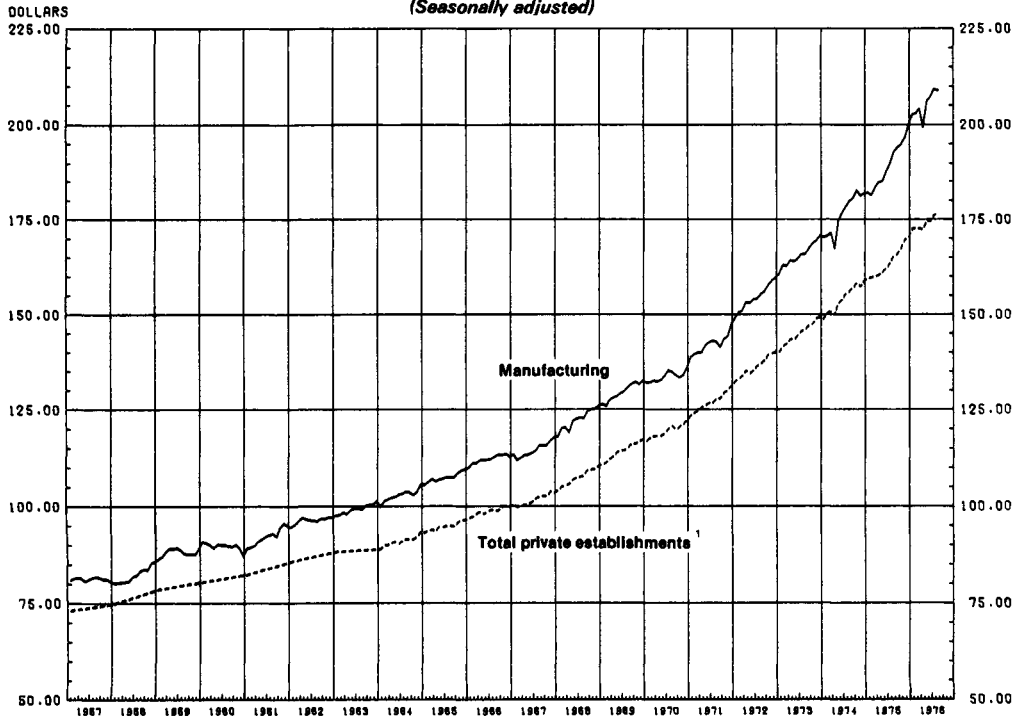
<sup>1</sup> Annual averages prior to 1964.

NOTE: Data for two most recent months are preliminary.

SOURCE: Table C-7.

**Chart 15. Average weekly earnings in nonagricultural industries**

*(Seasonally adjusted)*

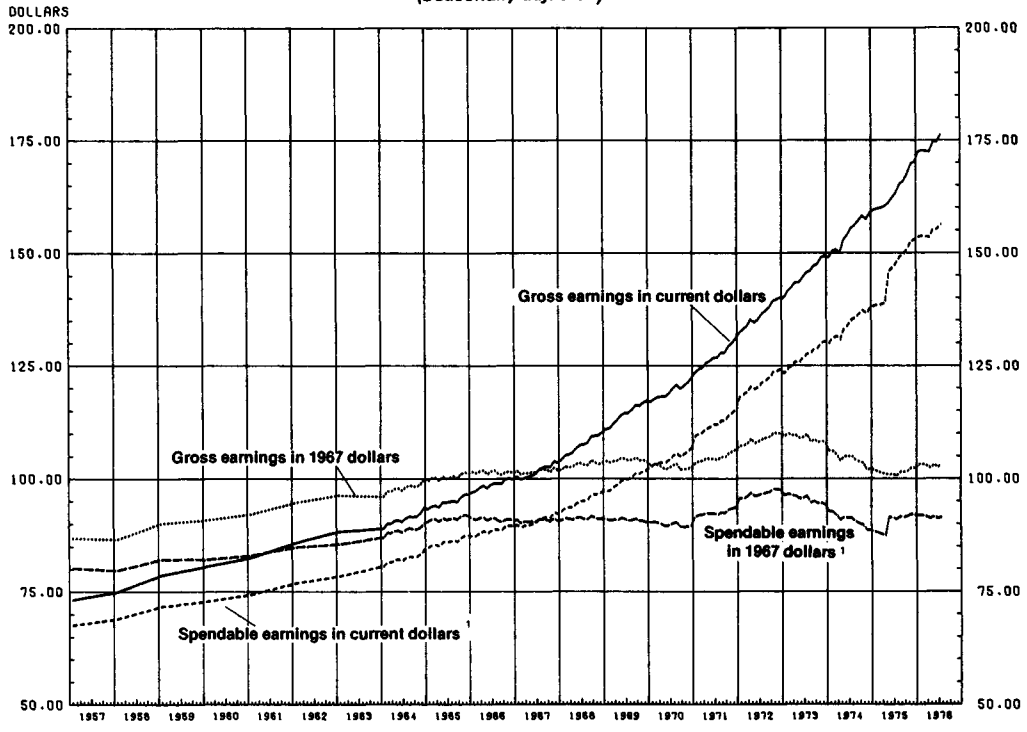


<sup>1</sup> Annual averages prior to 1964.

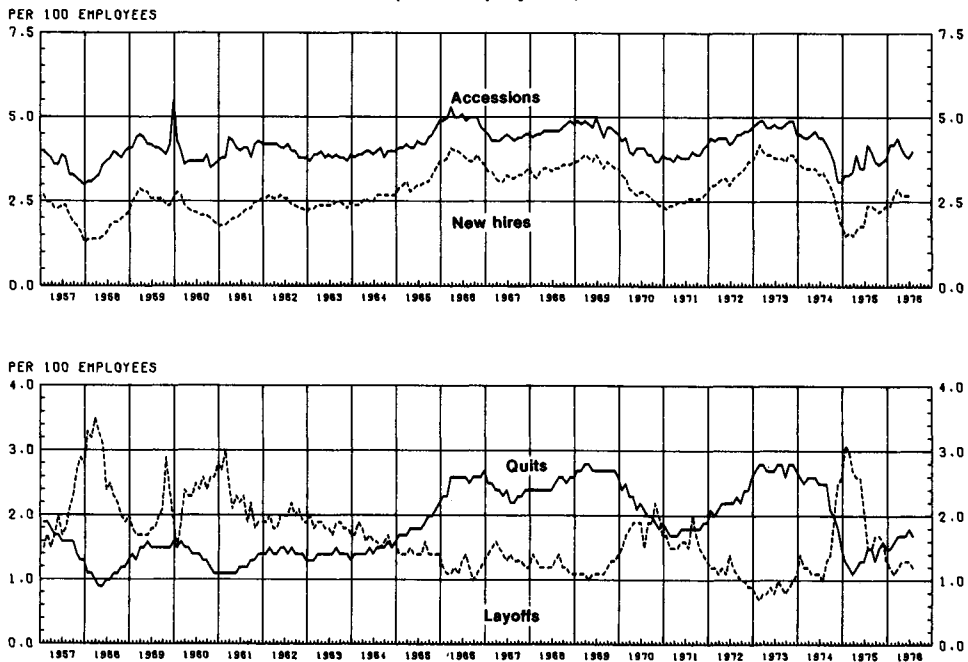
NOTE: Data for two most recent months are preliminary.

SOURCE: Tables C-7 and C-8.

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



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



# HOUSEHOLD DATA HISTORICAL

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

(Numbers in thousands)

| Year and month                          | Total noninstitutional population | Total labor force |                       | Civilian labor force |          |             |                            |            |                        | Not in labor force |
|---|-----------------------------------|-------------------|-----------------------|----------------------|----------|-------------|----------------------------|------------|------------------------|--------------------|
|   |                                   | Number            | Percent of population | Total                | Employed |             |                            | Unemployed |                        |                    |
|   |                                   |                   |                       |                      | Total    | Agriculture | Nonagricultural industries | Number     | Percent of labor force |                    |
| <b>Persons 14 years of age and over</b> |                                   |                   |                       |                      |          |             |                            |            |                        |                    |
| 1929.....                               | (1)                               | 49,440            | (1)                   | 49,180               | 47,630   | 10,450      | 37,180                     | 1,550      | 3.2                    | (1)                |
| 1930.....                               | (1)                               | 50,080            | (1)                   | 49,820               | 45,480   | 10,340      | 35,140                     | 4,340      | 8.7                    | (1)                |
| 1931.....                               | (1)                               | 50,680            | (1)                   | 50,420               | 42,400   | 10,290      | 32,110                     | 8,020      | 15.9                   | (1)                |
| 1932.....                               | (1)                               | 51,250            | (1)                   | 51,000               | 38,940   | 10,170      | 28,770                     | 12,060     | 23.6                   | (1)                |
| 1933.....                               | (1)                               | 51,840            | (1)                   | 51,590               | 38,760   | 10,090      | 28,670                     | 12,830     | 24.9                   | (1)                |
| 1934.....                               | (1)                               | 52,490            | (1)                   | 52,230               | 40,890   | 9,900       | 30,990                     | 11,340     | 21.7                   | (1)                |
| 1935.....                               | (1)                               | 53,140            | (1)                   | 52,870               | 42,260   | 10,110      | 32,150                     | 10,610     | 20.1                   | (1)                |
| 1936.....                               | (1)                               | 53,740            | (1)                   | 53,440               | 44,410   | 10,000      | 34,410                     | 9,030      | 16.9                   | (1)                |
| 1937.....                               | (1)                               | 54,320            | (1)                   | 54,000               | 46,300   | 9,820       | 36,480                     | 7,700      | 14.3                   | (1)                |
| 1938.....                               | (1)                               | 54,950            | (1)                   | 54,610               | 44,220   | 9,690       | 34,530                     | 10,390     | 19.0                   | (1)                |
| 1939.....                               | (1)                               | 55,600            | (1)                   | 55,230               | 45,750   | 9,610       | 36,140                     | 9,480      | 17.2                   | (1)                |
| 1940.....                               | 100,380                           | 56,180            | 56.0                  | 55,640               | 47,520   | 9,540       | 37,980                     | 8,120      | 14.6                   | 44,200             |
| 1941.....                               | 101,520                           | 57,530            | 56.7                  | 55,910               | 50,350   | 9,100       | 41,250                     | 5,560      | 9.9                    | 43,990             |
| 1942.....                               | 102,610                           | 60,380            | 58.8                  | 56,410               | 53,750   | 9,250       | 44,500                     | 2,660      | 4.7                    | 42,230             |
| 1943.....                               | 103,660                           | 64,560            | 62.3                  | 55,540               | 54,470   | 9,080       | 45,390                     | 1,070      | 1.9                    | 39,100             |
| 1944.....                               | 104,630                           | 66,040            | 63.1                  | 54,630               | 53,960   | 8,950       | 45,010                     | 670        | 1.2                    | 38,590             |
| 1945.....                               | 105,530                           | 65,300            | 61.9                  | 53,860               | 52,820   | 8,580       | 44,240                     | 1,040      | 1.9                    | 40,230             |
| 1946.....                               | 106,520                           | 60,970            | 57.2                  | 57,520               | 55,250   | 8,320       | 46,930                     | 2,270      | 3.9                    | 45,550             |
| 1947.....                               | 107,608                           | 61,758            | 57.4                  | 60,168               | 57,812   | 8,256       | 49,557                     | 2,356      | 3.9                    | 45,850             |
| <b>Persons 16 years of age and over</b> |                                   |                   |                       |                      |          |             |                            |            |                        |                    |
| 1947.....                               | 103,418                           | 60,941            | 58.9                  | 59,350               | 57,038   | 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                    | 50,583             |
| 1964.....                               | 127,224                           | 75,830            | 59.6                  | 73,091               | 69,305   | 4,523       | 64,782                     | 3,786      | 5.2                    | 51,394             |
| 1965.....                               | 129,236                           | 77,178            | 59.7                  | 74,455               | 71,088   | 4,361       | 66,726                     | 3,366      | 4.5                    | 52,058             |
| 1966.....                               | 131,180                           | 78,893            | 60.1                  | 75,770               | 72,895   | 3,979       | 68,915                     | 2,875      | 3.8                    | 52,288             |
| 1967.....                               | 133,319                           | 80,793            | 60.6                  | 77,347               | 74,372   | 3,844       | 70,527                     | 2,975      | 3.8                    | 52,527             |
| 1968.....                               | 135,562                           | 82,272            | 60.7                  | 78,737               | 75,920   | 3,817       | 72,103                     | 2,817      | 3.6                    | 53,291             |
| 1969.....                               | 137,841                           | 84,240            | 61.1                  | 80,734               | 77,902   | 3,606       | 74,296                     | 2,832      | 3.5                    | 53,602             |
| 1970.....                               | 140,182                           | 85,903            | 61.3                  | 82,715               | 78,627   | 3,462       | 75,165                     | 4,088      | 4.9                    | 54,280             |
| 1971.....                               | 142,596                           | 86,929            | 61.0                  | 84,113               | 79,120   | 3,387       | 75,732                     | 4,993      | 5.9                    | 55,666             |
| 1972 <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               | 85,935   | 3,492       | 82,443                     | 5,076      | 5.6                    | 57,587             |
| 1975.....                               | 153,449                           | 94,793            | 61.8                  | 92,613               | 84,783   | 3,380       | 81,403                     | 7,830      | 8.5                    | 58,655             |
| 1976: August.....                       | 156,367                           | 98,837            | 63.2                  | 96,690               | 89,367   | 3,842       | 85,525                     | 7,323      | 7.6                    | 57,530             |

<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.

**HOUSEHOLD DATA  
HISTORICAL**

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

[Numbers in thousands]

| Year, month, and sex | Total noninstitutional population | Total labor force |                       | Civilian labor force |          |             |                            |            |                        | Not in labor force |
|----------------------|-----------------------------------|-------------------|-----------------------|----------------------|----------|-------------|----------------------------|------------|------------------------|--------------------|
|                      |                                   | Number            | Percent of population | Total                | Employed |             |                            | Unemployed |                        |                    |
|                      |                                   |                   |                       |                      | Total    | Agriculture | Nonagricultural industries | Number     | Percent of labor force |                    |
| <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      | 5.2                    | 8,907              |
| 1960 <sup>1</sup>    | 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 <sup>1</sup>    | 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 <sup>1</sup>    | 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: August         | 74,881                            | 59,884            | 80.0                  | 57,846               | 54,196   | 3,078       | 51,118                     | 3,650      | 6.3                    | 14,997             |
| <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 <sup>1</sup>    | 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 <sup>1</sup>    | 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 <sup>1</sup>    | 63,355                            | 24,047            | 38.0                  | 24,014               | 22,525   | 875         | 21,651                     | 1,488      | 6.2                    | 39,308             |
| 1963                 | 64,527                            | 24,736            | 38.3                  | 24,704               | 23,105   | 878         | 22,227                     | 1,598      | 6.5                    | 39,791             |
| 1964                 | 65,668                            | 25,443            | 38.7                  | 25,412               | 23,831   | 832         | 23,000                     | 1,581      | 6.2                    | 40,225             |
| 1965                 | 66,763                            | 26,232            | 39.3                  | 26,200               | 24,748   | 814         | 23,934                     | 1,452      | 5.5                    | 40,531             |
| 1966                 | 67,829                            | 27,333            | 40.3                  | 27,299               | 25,976   | 736         | 25,240                     | 1,324      | 4.8                    | 40,496             |
| 1967                 | 69,003                            | 28,395            | 41.2                  | 28,360               | 26,893   | 680         | 26,212                     | 1,468      | 5.2                    | 40,608             |
| 1968                 | 70,217                            | 29,242            | 41.6                  | 29,204               | 27,807   | 660         | 27,147                     | 1,397      | 4.8                    | 40,976             |
| 1969                 | 71,476                            | 30,551            | 42.7                  | 30,513               | 29,084   | 643         | 28,441                     | 1,429      | 4.7                    | 40,924             |
| 1970                 | 72,774                            | 31,560            | 43.4                  | 31,520               | 29,667   | 601         | 29,066                     | 1,853      | 5.9                    | 41,214             |
| 1971                 | 74,084                            | 32,132            | 43.4                  | 32,091               | 29,875   | 598         | 29,277                     | 2,217      | 6.9                    | 41,952             |
| 1972 <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: August         | 81,486                            | 38,953            | 47.8                  | 38,844               | 35,171   | 765         | 34,406                     | 3,673      | 9.5                    | 42,533             |

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

# HOUSEHOLD DATA

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

(Numbers in thousands)

| Sex, age, and race      | August 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 ..... | 59,884            | 80.0                  | 57,846               | 54,196   | 3,650      | 6.3                    | 14,997             | 234           | 755             | 1,868          | 12,141        |
| 16 to 21 years .....    | 9,761             | 77.3                  | 9,037                | 7,761    | 1,276      | 14.1                   | 2,873              | 20            | 410             | 54             | 2,389         |
| 16 to 19 years .....    | 6,119             | 72.0                  | 5,778                | 4,889    | 888        | 15.4                   | 2,378              | 21            | 283             | 31             | 2,044         |
| 16 to 17 years .....    | 2,617             | 61.9                  | 2,584                | 2,153    | 430        | 16.7                   | 1,613              | 14            | 141             | 12             | 1,446         |
| 18 to 19 years .....    | 3,502             | 82.1                  | 3,194                | 2,736    | 458        | 14.3                   | 765                | 7             | 141             | 19             | 598           |
| 20 to 64 years .....    | 51,959            | 90.5                  | 50,262               | 47,585   | 2,677      | 5.3                    | 5,448              | 108           | 472             | 1,290          | 3,578         |
| 20 to 24 years .....    | 8,787             | 89.9                  | 8,030                | 7,193    | 838        | 10.4                   | 991                | 8             | 279             | 57             | 647           |
| 25 to 54 years .....    | 36,139            | 94.5                  | 35,202               | 33,632   | 1,570      | 4.5                    | 2,114              | 57            | 193             | 711            | 1,153         |
| 25 to 29 years .....    | 8,294             | 94.7                  | 7,915                | 7,363    | 553        | 7.0                    | 463                | 5             | 134             | 59             | 267           |
| 30 to 34 years .....    | 6,816             | 97.1                  | 6,585                | 6,292    | 293        | 4.4                    | 200                | 4             | 30              | 57             | 109           |
| 35 to 39 years .....    | 5,549             | 96.1                  | 5,353                | 5,161    | 192        | 3.6                    | 227                | 8             | 14              | 84             | 121           |
| 40 to 44 years .....    | 5,128             | 95.0                  | 5,036                | 4,837    | 198        | 3.9                    | 269                | 13            | 10              | 125            | 121           |
| 45 to 49 years .....    | 5,213             | 92.9                  | 5,181                | 5,015    | 166        | 3.2                    | 400                | 24            | 4               | 155            | 217           |
| 50 to 54 years .....    | 5,139             | 90.3                  | 5,132                | 4,964    | 168        | 3.3                    | 554                | 4             | 2               | 230            | 317           |
| 55 to 64 years .....    | 7,032             | 75.0                  | 7,030                | 6,760    | 270        | 3.8                    | 2,345              | 42            | 1               | 523            | 1,779         |
| 55 to 59 years .....    | 4,281             | 84.3                  | 4,279                | 4,112    | 167        | 3.9                    | 799                | 27            | 1               | 255            | 516           |
| 60 to 64 years .....    | 2,751             | 64.0                  | 2,751                | 2,648    | 103        | 3.7                    | 1,545              | 15            | --              | 268            | 1,263         |
| 65 years and over ..... | 1,806             | 20.1                  | 1,806                | 1,722    | 84         | 4.7                    | 7,171              | 106           | --              | 547            | 6,519         |
| 65 to 69 years .....    | 1,033             | 28.9                  | 1,033                | 987      | 46         | 4.5                    | 2,546              | 30            | --              | 191            | 2,324         |
| 70 years and over ..... | 773               | 14.3                  | 773                  | 735      | 38         | 5.0                    | 4,625              | 75            | --              | 356            | 4,195         |
| <b>White</b>            |                   |                       |                      |          |            |                        |                    |               |                 |                |               |
| 16 years and over ..... | 53,488            | 80.8                  | 51,799               | 48,854   | 2,945      | 5.7                    | 12,740             | 200           | 572             | 1,465          | 10,503        |
| 16 to 21 years .....    | 8,593             | 79.6                  | 7,998                | 7,016    | 982        | 12.3                   | 2,199              | 15            | 292             | 42             | 1,850         |
| 16 to 19 years .....    | 5,411             | 74.8                  | 5,125                | 4,441    | 683        | 13.3                   | 1,827              | 16            | 199             | 21             | 1,591         |
| 16 to 17 years .....    | 2,309             | 64.4                  | 2,280                | 1,961    | 319        | 14.0                   | 1,276              | 10            | 115             | 7              | 1,144         |
| 18 to 19 years .....    | 3,101             | 84.9                  | 2,845                | 2,480    | 365        | 12.8                   | 551                | 6             | 85              | 14             | 447           |
| 20 to 64 years .....    | 46,452            | 91.3                  | 45,049               | 42,860   | 2,189      | 4.9                    | 4,436              | 88            | 372             | 1,015          | 2,961         |
| 20 to 24 years .....    | 7,717             | 91.2                  | 7,110                | 6,431    | 679        | 9.5                    | 748                | 7             | 216             | 44             | 481           |
| 25 to 54 years .....    | 32,280            | 95.2                  | 31,486               | 30,203   | 1,283      | 4.1                    | 1,643              | 50            | 156             | 545            | 893           |
| 25 to 29 years .....    | 13,413            | 96.2                  | 12,900               | 12,221   | 679        | 5.3                    | 523                | 7             | 127             | 88             | 301           |
| 30 to 34 years .....    | 9,502             | 96.2                  | 9,256                | 8,931    | 325        | 3.5                    | 380                | 19            | 24              | 163            | 173           |
| 35 to 44 years .....    | 9,365             | 92.7                  | 9,330                | 9,050    | 280        | 3.0                    | 741                | 23            | 4               | 294            | 419           |
| 55 to 64 years .....    | 6,455             | 75.9                  | 6,454                | 6,227    | 227        | 3.5                    | 2,045              | 31            | 1               | 426            | 1,587         |
| 55 to 59 years .....    | 3,909             | 85.0                  | 3,908                | 3,771    | 137        | 3.5                    | 690                | 22            | 1               | 215            | 452           |
| 60 to 64 years .....    | 2,546             | 65.3                  | 2,546                | 2,456    | 90         | 3.5                    | 1,355              | 9             | --              | 211            | 1,135         |
| 65 years and over ..... | 1,625             | 20.1                  | 1,625                | 1,552    | 73         | 4.5                    | 6,476              | 96            | --              | 428            | 5,952         |
| <b>Black and other</b>  |                   |                       |                      |          |            |                        |                    |               |                 |                |               |
| 16 years and over ..... | 6,396             | 73.9                  | 6,047                | 5,343    | 705        | 11.7                   | 2,258              | 34            | 183             | 403            | 1,638         |
| 16 to 21 years .....    | 1,168             | 63.4                  | 1,039                | 745      | 294        | 28.3                   | 674                | 5             | 118             | 12             | 539           |
| 16 to 19 years .....    | 708               | 56.3                  | 653                  | 448      | 205        | 31.4                   | 551                | 4             | 83              | 9              | 453           |
| 16 to 17 years .....    | 308               | 47.8                  | 303                  | 192      | 112        | 36.8                   | 336                | 4             | 27              | 4              | 302           |
| 18 to 19 years .....    | 400               | 65.1                  | 349                  | 256      | 93         | 26.7                   | 214                | 1             | 57              | 5              | 151           |
| 20 to 64 years .....    | 5,505             | 84.5                  | 5,213                | 4,725    | 488        | 9.4                    | 1,012              | 20            | 100             | 276            | 617           |
| 20 to 24 years .....    | 1,070             | 81.6                  | 921                  | 762      | 159        | 17.3                   | 242                | 1             | 62              | 13             | 166           |
| 25 to 54 years .....    | 3,860             | 89.2                  | 3,716                | 3,430    | 286        | 7.7                    | 470                | 8             | 37              | 165            | 259           |
| 25 to 29 years .....    | 1,697             | 92.3                  | 1,601                | 1,434    | 167        | 10.4                   | 141                | 2             | 37              | 27             | 75            |
| 30 to 34 years .....    | 1,175             | 91.0                  | 1,132                | 1,067    | 66         | 5.8                    | 117                | 1             | --              | 47             | 69            |
| 35 to 44 years .....    | 987               | 82.3                  | 983                  | 929      | 54         | 5.5                    | 213                | 5             | 1               | 91             | 115           |
| 55 to 64 years .....    | 576               | 65.8                  | 576                  | 534      | 43         | 7.4                    | 300                | 11            | --              | 96             | 192           |
| 55 to 59 years .....    | 371               | 77.2                  | 371                  | 341      | 30         | 8.1                    | 109                | 5             | --              | 40             | 65            |
| 60 to 64 years .....    | 205               | 51.8                  | 205                  | 192      | 13         | 6.2                    | 191                | 6             | --              | 57             | 128           |
| 65 years and over ..... | 182               | 20.7                  | 182                  | 170      | 12         | 6.5                    | 695                | 10            | --              | 118            | 567           |

# HOUSEHOLD DATA

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

(Numbers in thousands)

| Sex, age, and race      | August 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 ..... | 38,953            | 47.8                  | 38,844               | 35,171   | 3,673      | 9.5                    | 42,533             | 34,092        | 685             | 1,118          | 6,637         |
| 16 to 21 years .....    | 7,582             | 61.3                  | 7,533                | 6,278    | 1,254      | 16.7                   | 4,792              | 1,849         | 436             | 35             | 2,471         |
| 16 to 19 years .....    | 4,805             | 57.8                  | 4,786                | 3,883    | 903        | 18.9                   | 3,513              | 1,038         | 285             | 17             | 2,172         |
| 16 to 17 years .....    | 2,013             | 49.0                  | 2,012                | 1,609    | 403        | 20.0                   | 2,094              | 410           | 129             | 8              | 1,547         |
| 18 to 19 years .....    | 2,792             | 66.3                  | 2,773                | 2,273    | 500        | 18.0                   | 1,419              | 628           | 157             | 9              | 625           |
| 20 to 64 years .....    | 33,167            | 55.0                  | 33,076               | 30,352   | 2,723      | 8.2                    | 27,128             | 23,734        | 397             | 505            | 2,492         |
| 20 to 24 years .....    | 6,608             | 67.8                  | 6,547                | 5,702    | 844        | 12.9                   | 3,143              | 2,407         | 233             | 34             | 469           |
| 25 to 54 years .....    | 22,289            | 55.7                  | 22,260               | 20,605   | 1,655      | 7.4                    | 17,747             | 15,893        | 160             | 266            | 1,429         |
| 25 to 29 years .....    | 5,211             | 58.5                  | 5,190                | 4,683    | 507        | 9.8                    | 3,704              | 3,329         | 66              | 23             | 285           |
| 30 to 34 years .....    | 3,895             | 53.9                  | 3,890                | 3,526    | 365        | 9.4                    | 3,326              | 2,968         | 45              | 21             | 292           |
| 35 to 39 years .....    | 3,343             | 54.9                  | 3,341                | 3,101    | 240        | 7.2                    | 2,751              | 2,476         | 19              | 24             | 232           |
| 40 to 44 years .....    | 3,258             | 57.3                  | 3,257                | 3,074    | 183        | 5.6                    | 2,428              | 2,184         | 10              | 45             | 189           |
| 45 to 49 years .....    | 3,385             | 57.0                  | 3,384                | 3,184    | 200        | 5.9                    | 2,557              | 2,264         | 12              | 71             | 211           |
| 50 to 54 years .....    | 3,197             | 51.7                  | 3,196                | 3,036    | 160        | 5.0                    | 2,981              | 2,672         | 7               | 81             | 221           |
| 55 to 64 years .....    | 4,269             | 40.6                  | 4,269                | 4,045    | 224        | 5.2                    | 6,238              | 5,434         | 3               | 206            | 595           |
| 55 to 59 years .....    | 2,663             | 47.6                  | 2,663                | 2,527    | 136        | 5.1                    | 2,930              | 2,558         | 1               | 113            | 258           |
| 60 to 64 years .....    | 1,606             | 32.7                  | 1,606                | 1,518    | 88         | 5.5                    | 3,308              | 2,876         | 2               | 93             | 337           |
| 65 years and over ..... | 982               | 7.6                   | 982                  | 936      | 47         | 4.7                    | 11,892             | 9,320         | 3               | 596            | 1,973         |
| 65 to 69 years .....    | 615               | 13.6                  | 615                  | 584      | 32         | 5.1                    | 3,926              | 3,243         | 1               | 105            | 577           |
| 70 years and over ..... | 367               | 4.4                   | 367                  | 352      | 15         | 4.1                    | 7,967              | 6,077         | 3               | 491            | 1,396         |
| <b>White</b>            |                   |                       |                      |          |            |                        |                    |               |                 |                |               |
| 16 years and over ..... | 33,744            | 47.3                  | 33,655               | 30,751   | 2,904      | 8.6                    | 37,629             | 30,529        | 502             | 896            | 5,702         |
| 16 to 21 years .....    | 6,655             | 63.5                  | 6,614                | 5,652    | 962        | 14.6                   | 3,830              | 1,480         | 319             | 23             | 2,008         |
| 16 to 19 years .....    | 4,236             | 60.2                  | 4,219                | 3,521    | 698        | 16.5                   | 2,802              | 8.6           | 204             | 9              | 1,773         |
| 16 to 17 years .....    | 1,773             | 51.2                  | 1,772                | 1,460    | 313        | 17.6                   | 1,688              | 322           | 87              | 6              | 1,274         |
| 18 to 19 years .....    | 2,463             | 68.9                  | 2,447                | 2,061    | 386        | 15.8                   | 1,114              | 495           | 117             | 3              | 499           |
| 20 to 64 years .....    | 28,633            | 54.4                  | 28,559               | 26,402   | 2,159      | 7.6                    | 23,991             | 21,141        | 296             | 388            | 2,166         |
| 20 to 24 years .....    | 5,705             | 68.7                  | 5,656                | 5,029    | 628        | 11.1                   | 2,605              | 2,021         | 179             | 26             | 379           |
| 25 to 54 years .....    | 19,109            | 54.9                  | 19,086               | 17,749   | 1,336      | 7.0                    | 15,729             | 14,149        | 113             | 202            | 1,266         |
| 25 to 29 years .....    | 7,681             | 55.1                  | 7,661                | 6,988    | 672        | 8.8                    | 6,247              | 5,630         | 84              | 34             | 500           |
| 30 to 34 years .....    | 5,617             | 55.1                  | 5,614                | 5,275    | 340        | 6.0                    | 4,572              | 4,125         | 13              | 50             | 384           |
| 40 to 44 years .....    | 5,811             | 54.2                  | 5,810                | 5,487    | 324        | 5.6                    | 4,910              | 4,394         | 16              | 118            | 382           |
| 55 to 64 years .....    | 3,818             | 40.3                  | 3,818                | 3,623    | 195        | 5.1                    | 5,658              | 4,971         | 3               | 161            | 522           |
| 55 to 59 years .....    | 2,389             | 47.4                  | 2,388                | 2,272    | 117        | 4.9                    | 2,646              | 2,333         | 1               | 86             | 226           |
| 60 to 64 years .....    | 1,430             | 32.2                  | 1,430                | 1,352    | 78         | 5.5                    | 3,011              | 2,638         | 2               | 75             | 296           |
| 65 years and over ..... | 876               | 7.5                   | 876                  | 828      | 47         | 5.4                    | 10,836             | 8,571         | 3               | 499            | 1,763         |
| <b>Black and other</b>  |                   |                       |                      |          |            |                        |                    |               |                 |                |               |
| 16 years and over ..... | 5,209             | 51.5                  | 5,189                | 4,420    | 769        | 14.8                   | 4,903              | 3,564         | 183             | 222            | 935           |
| 16 to 21 years .....    | 927               | 49.1                  | 918                  | 626      | 292        | 31.8                   | 962                | 369           | 117             | 13             | 463           |
| 16 to 19 years .....    | 569               | 44.5                  | 566                  | 361      | 205        | 36.2                   | 711                | 222           | 82              | 8              | 399           |
| 16 to 17 years .....    | 240               | 37.2                  | 240                  | 150      | 90         | 37.7                   | 406                | 88            | 42              | 2              | 273           |
| 18 to 19 years .....    | 329               | 51.9                  | 326                  | 212      | 114        | 35.1                   | 305                | 134           | 40              | 6              | 126           |
| 20 to 64 years .....    | 4,533             | 59.1                  | 4,516                | 3,952    | 564        | 12.5                   | 3,137              | 2,593         | 101             | 116            | 326           |
| 20 to 24 years .....    | 903               | 62.7                  | 891                  | 674      | 217        | 24.3                   | 538                | 386           | 54              | 8              | 90            |
| 25 to 54 years .....    | 3,180             | 61.2                  | 3,175                | 2,855    | 319        | 10.0                   | 2,018              | 1,744         | 47              | 64             | 163           |
| 25 to 29 years .....    | 1,425             | 64.6                  | 1,420                | 1,221    | 200        | 14.1                   | 782                | 667           | 28              | 10             | 77            |
| 30 to 34 years .....    | 985               | 61.9                  | 984                  | 901      | 83         | 8.5                    | 607                | 535           | 16              | 19             | 37            |
| 40 to 44 years .....    | 770               | 55.1                  | 770                  | 734      | 37         | 4.8                    | 629                | 542           | 3               | 34             | 49            |
| 55 to 64 years .....    | 451               | 43.7                  | 451                  | 422      | 29         | 6.3                    | 580                | 463           | --              | 44             | 73            |
| 55 to 59 years .....    | 274               | 49.1                  | 274                  | 256      | 19         | 6.9                    | 284                | 225           | --              | 27             | 32            |
| 60 to 64 years .....    | 176               | 37.3                  | 176                  | 167      | 10         | 5.5                    | 296                | 238           | --              | 17             | 41            |
| 65 years and over ..... | 107               | 9.2                   | 107                  | 107      | --         | --                     | 1,056              | 749           | --              | 97             | 210           |

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

| Sex, age, and race          | Total labor force    |           |                     |           | Civilian labor force |           |                     |           |
|-----------------------------|----------------------|-----------|---------------------|-----------|----------------------|-----------|---------------------|-----------|
|                             | Thousands of persons |           | Participation rates |           | Thousands of persons |           | Participation rates |           |
|                             | Aug. 1975            | Aug. 1976 | Aug. 1975           | Aug. 1976 | Aug. 1975            | Aug. 1976 | Aug. 1975           | Aug. 1976 |
| <b>MALES</b>                |                      |           |                     |           |                      |           |                     |           |
| 16 years and over . . . . . | 59,107               | 59,884    | 80.2                | 80.0      | 57,018               | 57,846    | 79.7                | 79.4      |
| 16 to 19 years . . . . .    | 5,986                | 6,119     | 71.0                | 72.0      | 5,632                | 5,778     | 69.8                | 70.8      |
| 16 to 17 years . . . . .    | 2,533                | 2,617     | 59.8                | 61.9      | 2,498                | 2,584     | 59.5                | 61.6      |
| 18 to 19 years . . . . .    | 3,453                | 3,502     | 82.4                | 82.1      | 3,134                | 3,194     | 81.0                | 80.7      |
| 20 to 24 years . . . . .    | 8,594                | 8,787     | 89.8                | 89.9      | 7,809                | 8,030     | 88.9                | 89.0      |
| 25 to 54 years . . . . .    | 35,656               | 36,139    | 94.8                | 94.5      | 34,707               | 35,202    | 94.6                | 94.3      |
| 25 to 34 years . . . . .    | 14,564               | 15,111    | 95.7                | 95.8      | 13,958               | 14,500    | 95.5                | 95.6      |
| 35 to 44 years . . . . .    | 10,596               | 10,677    | 95.9                | 95.6      | 10,294               | 10,388    | 95.8                | 95.4      |
| 45 to 54 years . . . . .    | 10,495               | 10,352    | 92.4                | 91.6      | 10,455               | 10,313    | 92.4                | 91.5      |
| 55 to 64 years . . . . .    | 6,981                | 7,032     | 75.6                | 75.0      | 6,980                | 7,030     | 75.6                | 75.0      |
| 55 to 59 years . . . . .    | 4,200                | 4,281     | 84.5                | 84.3      | 4,199                | 4,279     | 84.5                | 84.3      |
| 60 to 64 years . . . . .    | 2,781                | 2,751     | 65.3                | 64.0      | 2,781                | 2,751     | 65.3                | 64.0      |
| 65 years and over . . . . . | 1,890                | 1,806     | 21.5                | 20.1      | 1,890                | 1,806     | 21.5                | 20.1      |
| <b>White</b>                |                      |           |                     |           |                      |           |                     |           |
| 16 years and over . . . . . | 52,798               | 53,488    | 80.9                | 80.8      | 51,053               | 51,799    | 80.4                | 80.3      |
| 16 to 19 years . . . . .    | 5,295                | 5,411     | 73.6                | 74.8      | 5,000                | 5,125     | 72.5                | 73.7      |
| 16 to 17 years . . . . .    | 2,260                | 2,309     | 62.8                | 64.4      | 2,230                | 2,280     | 62.4                | 64.1      |
| 18 to 19 years . . . . .    | 3,035                | 3,101     | 84.5                | 84.9      | 2,770                | 2,845     | 83.2                | 83.8      |
| 20 to 24 years . . . . .    | 7,538                | 7,717     | 90.7                | 91.2      | 6,900                | 7,110     | 90.0                | 90.5      |
| 25 to 54 years . . . . .    | 31,848               | 32,280    | 95.3                | 95.2      | 31,036               | 31,486    | 95.2                | 95.0      |
| 25 to 34 years . . . . .    | 12,919               | 13,413    | 96.0                | 96.2      | 12,402               | 12,900    | 95.9                | 96.1      |
| 35 to 44 years . . . . .    | 9,443                | 9,502     | 96.5                | 96.2      | 9,185                | 9,256     | 96.5                | 96.1      |
| 45 to 54 years . . . . .    | 9,485                | 9,365     | 93.2                | 92.7      | 9,449                | 9,330     | 93.2                | 92.6      |
| 55 to 64 years . . . . .    | 6,402                | 6,455     | 76.5                | 75.9      | 6,401                | 6,454     | 76.5                | 75.9      |
| 55 to 59 years . . . . .    | 3,845                | 3,909     | 85.3                | 85.0      | 3,844                | 3,908     | 85.3                | 85.0      |
| 60 to 64 years . . . . .    | 2,557                | 2,546     | 66.3                | 65.3      | 2,557                | 2,546     | 66.3                | 65.3      |
| 65 years and over . . . . . | 1,715                | 1,625     | 21.5                | 20.1      | 1,715                | 1,625     | 21.5                | 20.1      |
| <b>Black and other</b>      |                      |           |                     |           |                      |           |                     |           |
| 16 years and over . . . . . | 6,309                | 6,396     | 75.1                | 73.9      | 5,965                | 6,047     | 74.0                | 72.8      |
| 16 to 19 years . . . . .    | 691                  | 708       | 56.1                | 56.3      | 632                  | 653       | 53.9                | 54.2      |
| 16 to 17 years . . . . .    | 272                  | 308       | 43.0                | 47.8      | 268                  | 303       | 42.7                | 47.4      |
| 18 to 19 years . . . . .    | 419                  | 400       | 70.0                | 65.1      | 364                  | 349       | 67.0                | 62.0      |
| 20 to 24 years . . . . .    | 1,059                | 1,070     | 83.9                | 81.6      | 909                  | 921       | 81.7                | 79.2      |
| 25 to 54 years . . . . .    | 3,808                | 3,860     | 90.6                | 89.2      | 3,670                | 3,716     | 90.2                | 88.8      |
| 25 to 34 years . . . . .    | 1,645                | 1,697     | 93.5                | 92.3      | 1,555                | 1,601     | 93.2                | 91.9      |
| 35 to 44 years . . . . .    | 1,153                | 1,175     | 91.1                | 91.0      | 1,109                | 1,132     | 91.1                | 90.7      |
| 45 to 54 years . . . . .    | 1,010                | 987       | 85.5                | 82.3      | 1,006                | 983       | 85.5                | 82.2      |
| 55 to 64 years . . . . .    | 579                  | 576       | 67.0                | 65.8      | 579                  | 576       | 67.0                | 65.8      |
| 55 to 59 years . . . . .    | 355                  | 371       | 76.8                | 77.2      | 355                  | 371       | 76.8                | 77.2      |
| 60 to 64 years . . . . .    | 224                  | 205       | 55.7                | 51.8      | 224                  | 205       | 55.7                | 51.8      |
| 65 years and over . . . . . | 175                  | 182       | 20.7                | 20.7      | 175                  | 182       | 20.7                | 20.7      |

# HOUSEHOLD DATA

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

| Sex, age, and race     | Total labor force    |           |                     |           | Civilian labor force |           |                     |           |
|------------------------|----------------------|-----------|---------------------|-----------|----------------------|-----------|---------------------|-----------|
|                        | Thousands of persons |           | Participation rates |           | Thousands of persons |           | Participation rates |           |
|                        | Aug. 1975            | Aug. 1976 | Aug. 1975           | Aug. 1976 | Aug. 1975            | Aug. 1976 | Aug. 1975           | Aug. 1976 |
| <b>FEMALES</b>         |                      |           |                     |           |                      |           |                     |           |
| 16 years and over      | 37,386               | 38,953    | 46.6                | 47.8      | 37,290               | 38,844    | 46.6                | 47.7      |
| 16 to 19 years         | 4,647                | 4,805     | 56.3                | 57.8      | 4,627                | 4,786     | 56.2                | 57.7      |
| 16 to 17 years         | 1,959                | 2,013     | 47.6                | 49.0      | 1,959                | 2,012     | 47.6                | 49.0      |
| 18 to 19 years         | 2,688                | 2,792     | 65.0                | 66.3      | 2,668                | 2,773     | 64.8                | 66.2      |
| 20 to 24 years         | 6,378                | 6,608     | 66.7                | 67.8      | 6,327                | 6,547     | 66.6                | 67.6      |
| 25 to 54 years         | 21,222               | 22,289    | 53.8                | 55.7      | 21,198               | 22,260    | 53.8                | 55.6      |
| 25 to 34 years         | 8,325                | 9,106     | 53.4                | 56.4      | 8,306                | 9,081     | 53.3                | 56.4      |
| 35 to 44 years         | 6,338                | 6,602     | 54.5                | 56.0      | 6,335                | 6,599     | 54.4                | 56.0      |
| 45 to 54 years         | 6,559                | 6,582     | 53.7                | 54.3      | 6,558                | 6,581     | 53.7                | 54.3      |
| 55 to 64 years         | 4,161                | 4,269     | 40.1                | 40.6      | 4,161                | 4,269     | 40.1                | 40.6      |
| 55 to 59 years         | 2,593                | 2,663     | 47.3                | 47.6      | 2,593                | 2,663     | 47.3                | 47.6      |
| 60 to 64 years         | 1,568                | 1,606     | 32.1                | 32.7      | 1,568                | 1,606     | 32.1                | 32.7      |
| 65 years and over      | 977                  | 982       | 7.8                 | 7.6       | 977                  | 982       | 7.8                 | 7.6       |
| <b>White</b>           |                      |           |                     |           |                      |           |                     |           |
| 16 years and over      | 32,444               | 33,744    | 46.1                | 47.3      | 32,364               | 33,655    | 46.1                | 47.2      |
| 16 to 19 years         | 4,094                | 4,236     | 58.5                | 60.2      | 4,077                | 4,219     | 58.4                | 60.1      |
| 16 to 17 years         | 1,729                | 1,773     | 49.7                | 51.2      | 1,728                | 1,772     | 49.7                | 51.2      |
| 18 to 19 years         | 2,365                | 2,463     | 67.2                | 68.9      | 2,348                | 2,447     | 67.1                | 68.7      |
| 20 to 24 years         | 5,538                | 5,705     | 67.9                | 68.7      | 5,496                | 5,656     | 67.1                | 68.5      |
| 25 to 54 years         | 18,216               | 19,109    | 53.0                | 54.9      | 18,196               | 19,086    | 52.9                | 54.8      |
| 25 to 34 years         | 7,054                | 7,681     | 52.3                | 55.1      | 7,038                | 7,661     | 52.3                | 55.1      |
| 35 to 44 years         | 5,381                | 5,617     | 53.4                | 55.1      | 5,378                | 5,614     | 53.4                | 55.1      |
| 45 to 54 years         | 5,780                | 5,811     | 53.4                | 54.2      | 5,779                | 5,810     | 53.4                | 54.2      |
| 55 to 64 years         | 3,727                | 3,818     | 39.9                | 40.3      | 3,727                | 3,818     | 39.9                | 40.3      |
| 55 to 59 years         | 2,307                | 2,389     | 46.7                | 47.4      | 2,307                | 2,388     | 46.7                | 47.4      |
| 60 to 64 years         | 1,420                | 1,430     | 32.2                | 32.2      | 1,420                | 1,430     | 32.2                | 32.2      |
| 65 years and over      | 869                  | 876       | 7.6                 | 7.5       | 869                  | 876       | 7.6                 | 7.5       |
| <b>Black and other</b> |                      |           |                     |           |                      |           |                     |           |
| 16 years and over      | 4,942                | 5,209     | 50.3                | 51.5      | 4,926                | 5,189     | 50.2                | 51.4      |
| 16 to 19 years         | 553                  | 569       | 44.1                | 44.5      | 550                  | 566       | 43.9                | 44.3      |
| 16 to 17 years         | 230                  | 240       | 36.3                | 37.2      | 230                  | 240       | 36.3                | 37.2      |
| 18 to 19 years         | 323                  | 329       | 52.0                | 51.9      | 320                  | 326       | 51.8                | 51.7      |
| 20 to 24 years         | 841                  | 903       | 60.2                | 62.7      | 831                  | 891       | 59.9                | 62.3      |
| 25 to 54 years         | 3,006                | 3,180     | 59.5                | 61.2      | 3,003                | 3,175     | 59.5                | 61.1      |
| 25 to 34 years         | 1,271                | 1,425     | 60.1                | 64.6      | 1,267                | 1,420     | 60.0                | 64.5      |
| 35 to 44 years         | 957                  | 985       | 61.5                | 61.9      | 956                  | 984       | 61.5                | 61.9      |
| 45 to 54 years         | 779                  | 770       | 56.4                | 55.1      | 779                  | 770       | 56.4                | 55.1      |
| 55 to 64 years         | 434                  | 451       | 42.6                | 43.7      | 434                  | 451       | 42.6                | 43.7      |
| 55 to 59 years         | 286                  | 274       | 53.0                | 49.1      | 286                  | 274       | 53.0                | 49.1      |
| 60 to 64 years         | 148                  | 176       | 30.9                | 37.3      | 148                  | 176       | 30.9                | 37.3      |
| 65 years and over      | 108                  | 107       | 9.7                 | 9.2       | 108                  | 107       | 9.7                 | 9.2       |



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

[Numbers in thousands]

| Sex and age       | August 1976          |          |             |                             |            |                        |                    |
|-------------------|----------------------|----------|-------------|-----------------------------|------------|------------------------|--------------------|
|                   | Civilian labor force |          |             |                             |            |                        | Not in labor force |
|                   | Total                | Employed |             |                             | Unemployed |                        |                    |
|                   |                      | Total    | Agriculture | Nonegri-cultural industries | Number     | Percent of labor force |                    |
| <b>Total</b>      |                      |          |             |                             |            |                        |                    |
| 16 years and over | 9,702                | 8,357    | 268         | 8,088                       | 1,345      | 13.9                   | 6,284              |
| 16 to 19 years    | 1,094                | 713      | 50          | 663                         | 381        | 34.8                   | 1,140              |
| 16 to 17 years    | 488                  | 303      | 27          | 276                         | 185        | 37.8                   | 663                |
| 18 to 19 years    | 606                  | 410      | 23          | 387                         | 196        | 32.3                   | 476                |
| 20 to 24 years    | 1,536                | 1,182    | 28          | 1,154                       | 354        | 23.1                   | 684                |
| 25 to 54 years    | 5,910                | 5,369    | 130         | 5,239                       | 541        | 9.2                    | 2,075              |
| 25 to 34 years    | 2,572                | 2,246    | 41          | 2,205                       | 325        | 12.6                   | 728                |
| 35 to 44 years    | 1,832                | 1,698    | 41          | 1,657                       | 135        | 7.3                    | 605                |
| 45 to 54 years    | 1,506                | 1,425    | 48          | 1,377                       | 81         | 5.4                    | 742                |
| 55 to 64 years    | 912                  | 854      | 40          | 814                         | 58         | 6.3                    | 805                |
| 55 to 59 years    | 568                  | 531      | 15          | 517                         | 36         | 6.4                    | 358                |
| 60 to 64 years    | 344                  | 323      | 26          | 297                         | 21         | 6.2                    | 447                |
| 65 years and over | 249                  | 238      | 20          | 219                         | 11         | 4.4                    | 1,579              |
| <b>Males</b>      |                      |          |             |                             |            |                        |                    |
| 16 years and over | 5,212                | 4,570    | 207         | 4,363                       | 642        | 12.3                   | 1,989              |
| 16 to 19 years    | 598                  | 409      | 35          | 374                         | 189        | 31.6                   | 488                |
| 16 to 17 years    | 281                  | 178      | 18          | 160                         | 103        | 36.5                   | 292                |
| 18 to 19 years    | 317                  | 231      | 17          | 214                         | 86         | 27.2                   | 196                |
| 20 to 24 years    | 779                  | 623      | 22          | 601                         | 156        | 20.0                   | 208                |
| 25 to 54 years    | 3,175                | 2,920    | 103         | 2,819                       | 253        | 8.0                    | 399                |
| 25 to 34 years    | 1,353                | 1,206    | 37          | 1,169                       | 146        | 10.8                   | 110                |
| 35 to 44 years    | 970                  | 911      | 29          | 883                         | 58         | 6.0                    | 104                |
| 45 to 54 years    | 852                  | 803      | 37          | 767                         | 49         | 5.7                    | 185                |
| 55 to 64 years    | 505                  | 473      | 30          | 444                         | 32         | 6.3                    | 278                |
| 55 to 59 years    | 318                  | 298      | 8           | 290                         | 20         | 6.4                    | 105                |
| 60 to 64 years    | 187                  | 176      | 21          | 154                         | 12         | 6.2                    | 173                |
| 65 years and over | 155                  | 143      | 17          | 126                         | 12         | 7.5                    | 615                |
| <b>Females</b>    |                      |          |             |                             |            |                        |                    |
| 16 years and over | 4,489                | 3,787    | 62          | 3,725                       | 703        | 15.6                   | 4,295              |
| 16 to 19 years    | 496                  | 304      | 15          | 289                         | 192        | 38.7                   | 652                |
| 16 to 17 years    | 207                  | 125      | 9           | 116                         | 82         | 39.6                   | 372                |
| 18 to 19 years    | 289                  | 179      | 6           | 173                         | 110        | 38.0                   | 280                |
| 20 to 24 years    | 757                  | 559      | 6           | 553                         | 198        | 26.2                   | 475                |
| 25 to 54 years    | 2,736                | 2,448    | 27          | 2,420                       | 287        | 10.5                   | 1,676              |
| 25 to 34 years    | 1,219                | 1,040    | 4           | 1,036                       | 179        | 14.7                   | 618                |
| 35 to 44 years    | 863                  | 786      | 12          | 774                         | 76         | 8.8                    | 501                |
| 45 to 54 years    | 654                  | 622      | 11          | 610                         | 32         | 4.9                    | 557                |
| 55 to 64 years    | 407                  | 381      | 10          | 370                         | 26         | 6.4                    | 528                |
| 55 to 59 years    | 250                  | 234      | 6           | 227                         | 16         | 6.5                    | 254                |
| 60 to 64 years    | 157                  | 147      | 4           | 143                         | 10         | 6.2                    | 274                |
| 65 years and over | 95                   | 95       | 3           | 93                          | --         | --                     | 964                |

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

# HOUSEHOLD DATA

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

(Numbers in thousands)

| Employment status and race        | Total     |           | Males, 20 years and over |           | Females, 20 years and over |           | Both sexes, 16-19 years |           |
|-----------------------------------|-----------|-----------|--------------------------|-----------|----------------------------|-----------|-------------------------|-----------|
|                                   | Aug. 1975 | Aug. 1976 | Aug. 1975                | Aug. 1976 | Aug. 1975                  | Aug. 1976 | Aug. 1975               | Aug. 1976 |
| <b>TOTAL</b>                      |           |           |                          |           |                            |           |                         |           |
| Total noninstitutional population | 153,824   | 156,367   | 65,234                   | 66,384    | 71,914                     | 73,168    | 16,676                  | 16,815    |
| Total labor force                 | 96,493    | 98,837    | 53,121                   | 53,765    | 32,739                     | 34,149    | 10,633                  | 10,924    |
| Percent of population             | 62.7      | 63.2      | 81.4                     | 81.0      | 45.5                       | 46.7      | 63.8                    | 65.0      |
| Civilian labor force              | 94,308    | 96,690    | 51,385                   | 52,068    | 32,663                     | 34,058    | 10,259                  | 10,563    |
| Employed                          | 86,612    | 89,367    | 48,250                   | 49,307    | 29,925                     | 31,288    | 8,437                   | 8,772     |
| Agriculture                       | 3,886     | 3,842     | 2,579                    | 2,531     | 628                        | 633       | 680                     | 679       |
| Nonagricultural industries        | 82,726    | 85,525    | 45,671                   | 46,776    | 29,298                     | 30,656    | 7,757                   | 8,093     |
| Unemployed                        | 7,696     | 7,323     | 3,136                    | 3,761     | 2,738                      | 2,770     | 1,823                   | 1,791     |
| Percent of labor force            | 8.2       | 7.6       | 6.1                      | 5.3       | 8.4                        | 8.1       | 17.8                    | 17.0      |
| Not in labor force                | 57,331    | 57,530    | 12,113                   | 12,619    | 39,176                     | 39,020    | 6,042                   | 5,891     |
| <b>White</b>                      |           |           |                          |           |                            |           |                         |           |
| Total noninstitutional population | 135,584   | 137,601   | 58,060                   | 58,989    | 63,335                     | 64,336    | 14,189                  | 14,276    |
| Total labor force                 | 85,241    | 87,232    | 47,503                   | 48,077    | 28,350                     | 29,509    | 9,389                   | 9,646     |
| Percent of population             | 62.9      | 63.4      | 81.8                     | 81.5      | 44.8                       | 45.9      | 66.2                    | 67.6      |
| Civilian labor force              | 83,417    | 85,453    | 46,053                   | 46,674    | 28,287                     | 29,435    | 9,077                   | 9,344     |
| Employed                          | 77,217    | 79,604    | 43,494                   | 44,412    | 26,098                     | 27,230    | 7,624                   | 7,963     |
| Agriculture                       | 3,556     | 3,518     | 2,370                    | 2,318     | 559                        | 577       | 628                     | 623       |
| Nonagricultural industries        | 73,661    | 76,087    | 41,124                   | 42,094    | 25,540                     | 26,652    | 6,996                   | 7,340     |
| Unemployed                        | 6,201     | 5,849     | 2,559                    | 2,262     | 2,189                      | 2,206     | 1,453                   | 1,382     |
| Percent of labor force            | 7.4       | 6.8       | 5.6                      | 4.8       | 7.7                        | 7.5       | 16.0                    | 14.8      |
| Not in labor force                | 50,343    | 50,369    | 10,557                   | 10,912    | 34,986                     | 34,827    | 4,800                   | 4,629     |
| <b>Black and other</b>            |           |           |                          |           |                            |           |                         |           |
| Total noninstitutional population | 18,239    | 18,766    | 7,174                    | 7,394     | 8,579                      | 8,832     | 2,486                   | 2,539     |
| Total labor force                 | 11,252    | 11,605    | 5,618                    | 5,687     | 4,389                      | 4,640     | 1,244                   | 1,277     |
| Percent of population             | 61.7      | 61.8      | 78.3                     | 76.9      | 51.2                       | 52.5      | 50.0                    | 50.3      |
| Civilian labor force              | 10,891    | 11,237    | 5,333                    | 5,395     | 4,376                      | 4,623     | 1,182                   | 1,219     |
| Employed                          | 9,395     | 9,763     | 4,756                    | 4,895     | 3,827                      | 4,059     | 813                     | 809       |
| Agriculture                       | 330       | 325       | 209                      | 213       | 69                         | 55        | 52                      | 56        |
| Nonagricultural industries        | 9,065     | 9,438     | 4,547                    | 4,682     | 3,758                      | 4,003     | 760                     | 753       |
| Unemployed                        | 1,495     | 1,474     | 577                      | 500       | 549                        | 564       | 370                     | 410       |
| Percent of labor force            | 13.7      | 13.1      | 10.8                     | 9.3       | 12.5                       | 12.2      | 31.3                    | 33.6      |
| Not in labor force                | 6,988     | 7,161     | 1,556                    | 1,707     | 4,190                      | 4,193     | 1,242                   | 1,262     |

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

(Numbers in thousands)

| Employment status                      | August 1976 |        |         |            |        |         |                 |       |         |
|--|-------------|--------|---------|------------|--------|---------|-----------------|-------|---------|
|  | Total       |        |         | White      |        |         | Black and other |       |         |
|  | Both sexes  | Males  | Females | Both sexes | Males  | Females | Both sexes      | Males | Females |
| Total noninstitutional population      | 25,008      | 12,634 | 12,374  | 21,278     | 10,792 | 10,485  | 3,731           | 1,842 | 1,889   |
| Total labor force                      | 17,343      | 9,761  | 7,582   | 15,249     | 8,593  | 6,655   | 2,094           | 1,168 | 927     |
| Percent of population                  | 69.3        | 77.3   | 61.3    | 71.7       | 79.6   | 63.5    | 56.1            | 63.4  | 49.1    |
| Civilian labor force                   | 16,570      | 9,037  | 7,533   | 14,613     | 7,998  | 6,614   | 1,957           | 1,039 | 918     |
| Employed                               | 14,039      | 7,761  | 6,278   | 12,668     | 7,016  | 5,652   | 1,372           | 745   | 626     |
| Agriculture                            | 888         | 717    | 171     | 810        | 662    | 148     | 78              | 55    | 23      |
| Nonagricultural industries             | 13,151      | 7,044  | 6,107   | 11,857     | 6,353  | 5,504   | 1,294           | 690   | 603     |
| Unemployed                             | 2,531       | 1,276  | 1,254   | 1,945      | 982    | 962     | 586             | 294   | 292     |
| Percent of labor force                 | 15.3        | 14.1   | 16.7    | 13.3       | 12.3   | 14.6    | 29.9            | 28.3  | 31.8    |
| Looking for full-time work             | 1,806       | 928    | 878     | 1,403      | 724    | 679     | 403             | 204   | 199     |
| Looking for part-time work             | 725         | 349    | 376     | 542        | 259    | 283     | 183             | 90    | 93      |
| Not in labor force                     | 7,665       | 2,873  | 4,792   | 6,029      | 2,199  | 3,830   | 1,637           | 674   | 962     |
| <b>MAJOR ACTIVITY: GOING TO SCHOOL</b> |             |        |         |            |        |         |                 |       |         |
| Civilian labor force                   | 210         | 81     | 129     | 184        | 75     | 109     | 26              | 7     | 19      |
| Employed                               | 156         | 54     | 101     | 136        | 53     | 83      | 20              | 1     | 18      |
| Agriculture                            | 7           | 7      | --      | 7          | 7      | --      | --              | --    | --      |
| Nonagricultural industries             | 149         | 47     | 102     | 129        | 46     | 83      | 20              | 2     | 19      |
| Unemployed                             | 54          | 27     | 27      | 48         | 22     | 27      | 6               | 5     | 1       |
| Percent of labor force                 | 25.9        | 33.2   | 21.4    | 26.3       | 29.0   | 24.4    | (1)             | (1)   | (1)     |
| Looking for full-time work             | 14          | 4      | 10      | 14         | 4      | 10      | --              | --    | --      |
| Looking for part-time work             | 41          | 23     | 18      | 35         | 18     | 17      | 6               | 5     | 1       |
| Not in labor force                     | 846         | 410    | 436     | 611        | 292    | 319     | 235             | 118   | 117     |
| <b>MAJOR ACTIVITY: OTHER</b>           |             |        |         |            |        |         |                 |       |         |
| Civilian labor force                   | 16,360      | 8,956  | 7,404   | 14,428     | 7,923  | 6,505   | 1,932           | 1,033 | 899     |
| Employed                               | 13,884      | 7,707  | 6,177   | 12,532     | 6,963  | 5,569   | 1,352           | 744   | 608     |
| Agriculture                            | 882         | 710    | 172     | 803        | 655    | 149     | 78              | 55    | 23      |
| Nonagricultural industries             | 13,002      | 6,997  | 6,005   | 11,728     | 6,308  | 5,421   | 1,273           | 689   | 585     |
| Unemployed                             | 2,476       | 1,249  | 1,227   | 1,896      | 961    | 936     | 580             | 289   | 291     |
| Percent of labor force                 | 15.1        | 14.0   | 16.6    | 13.1       | 12.1   | 14.4    | 30.0            | 27.9  | 32.4    |
| Looking for full-time work             | 1,792       | 924    | 868     | 1,390      | 720    | 669     | 403             | 204   | 199     |
| Looking for part-time work             | 684         | 325    | 359     | 507        | 240    | 266     | 177             | 85    | 92      |
| Not in labor force                     | 6,819       | 2,464  | 4,356   | 5,418      | 1,907  | 3,511   | 1,401           | 556   | 845     |

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

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

[Numbers in thousands]

| Race, sex, and age                      | August 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 .....     | 84,818                | 74,811                           | 4,044                          | 5,963                                   | 7.0                              | 11,872                | 10,512                                       | 1,360                                   | 11.5                             |
| 16 to 21 years .....                    | 12,877                | 9,349                            | 1,721                          | 1,806                                   | 14.0                             | 3,693                 | 2,968  | 725                                     | 19.6                             |
| 16 to 19 years .....                    | 7,545                 | 5,057                            | 1,334                          | 1,155                                   | 15.3                             | 3,018                 | 2,381  | 637                                     | 21.1                             |
| 16 to 17 years .....                    | 2,602                 | 1,524                            | 726                            | 352                                     | 13.5                             | 1,994                 | 1,512  | 482                                     | 24.2                             |
| 18 to 19 years .....                    | 4,943                 | 3,532                            | 608                            | 803                                     | 16.2                             | 1,024                 | 869  | 155                                     | 15.1                             |
| 20 years and over .....                 | 77,273                | 69,754                           | 2,710                          | 4,809                                   | 6.2                              | 8,854                 | 8,131  | 723                                     | 8.2                              |
| 20 to 24 years .....                    | 13,253                | 11,025                           | 719                            | 1,508                                   | 11.4                             | 1,324                 | 1,150  | 174                                     | 13.1                             |
| 25 years and over .....                 | 64,020                | 58,729                           | 1,991                          | 3,301                                   | 5.2                              | 7,530                 | 6,981  | 549                                     | 7.3                              |
| 25 to 54 years .....                    | 52,453                | 48,072                           | 1,553                          | 2,829                                   | 5.4                              | 5,009                 | 4,613  | 396                                     | 7.9                              |
| 55 years and over .....                 | 11,566                | 10,657                           | 437                            | 472                                     | 4.1                              | 2,521                 | 2,368  | 153                                     | 6.1                              |
| <b>Males, 16 years and over .....</b>   | <b>54,295</b>         | <b>49,014</b>                    | <b>2,124</b>                   | <b>3,157</b>                            | <b>5.8</b>                       | <b>3,551</b>          | <b>3,058</b>                                 | <b>493</b>                              | <b>13.9</b>                      |
| 16 to 21 years .....                    | 7,385                 | 5,541                            | 917                            | 928                                     | 12.6                             | 1,652                 | 1,303  | 349                                     | 21.1                             |
| 16 to 19 years .....                    | 4,371                 | 3,074                            | 723                            | 574                                     | 13.1                             | 1,407                 | 1,092  | 314                                     | 22.3                             |
| 20 years and over .....                 | 49,924                | 45,940                           | 1,401                          | 2,583                                   | 5.2                              | 2,144                 | 1,966  | 178                                     | 8.3                              |
| 20 to 24 years .....                    | 7,601                 | 6,425                            | 389                            | 787                                     | 10.4                             | 429                   | 379  | 50                                      | 11.7                             |
| 25 years and over .....                 | 42,323                | 39,515                           | 1,012                          | 1,796                                   | 4.2                              | 1,715                 | 1,587  | 128                                     | 7.5                              |
| 25 to 54 years .....                    | 34,571                | 32,281                           | 788                            | 1,502                                   | 4.3                              | 631                   | 564  | 68                                      | 10.8                             |
| 55 years and over .....                 | 7,752                 | 7,235                            | 224                            | 294                                     | 3.8                              | 1,084                 | 1,024  | 60                                      | 5.5                              |
| <b>Females, 16 years and over .....</b> | <b>30,523</b>         | <b>25,797</b>                    | <b>1,920</b>                   | <b>2,806</b>                            | <b>9.2</b>                       | <b>8,321</b>          | <b>7,454</b>                                 | <b>867</b>                              | <b>10.4</b>                      |
| 16 to 21 years .....                    | 5,491                 | 3,809                            | 804                            | 878                                     | 16.0                             | 2,041                 | 1,665  | 376                                     | 18.4                             |
| 16 to 19 years .....                    | 3,174                 | 1,983                            | 611                            | 580                                     | 18.3                             | 1,611                 | 1,289  | 323                                     | 20.0                             |
| 20 years and over .....                 | 27,348                | 23,814                           | 1,308                          | 2,226                                   | 8.1                              | 6,710                 | 6,165  | 544                                     | 8.1                              |
| 20 to 24 years .....                    | 5,652                 | 4,601                            | 330                            | 721                                     | 12.8                             | 895                   | 772  | 123                                     | 13.8                             |
| 25 years and over .....                 | 21,696                | 19,213                           | 978                            | 1,505                                   | 6.9                              | 5,815                 | 5,393  | 421                                     | 7.2                              |
| 25 to 54 years .....                    | 17,882                | 15,791                           | 764                            | 1,327                                   | 7.4                              | 4,377                 | 4,049  | 329                                     | 7.5                              |
| 55 years and over .....                 | 3,814                 | 3,422                            | 214                            | 177                                     | 4.6                              | 1,437                 | 1,344  | 92                                      | 6.4                              |
| <b>White</b>                            |                       |                                  |                                |   |                                  |                       |  |   |                                  |
| <b>Males, 16 years and over .....</b>   | <b>48,727</b>         | <b>44,439</b>                    | <b>1,719</b>                   | <b>2,569</b>                            | <b>5.3</b>                       | <b>3,071</b>          | <b>2,696</b>                                 | <b>375</b>                              | <b>12.2</b>                      |
| 16 to 21 years .....                    | 6,570                 | 5,101                            | 744                            | 724                                     | 11.0                             | 1,429                 | 1,170  | 259                                     | 18.1                             |
| 16 to 19 years .....                    | 3,913                 | 2,852                            | 605                            | 455                                     | 11.6                             | 1,212                 | 984  | 228                                     | 18.8                             |
| 20 years and over .....                 | 44,815                | 41,587                           | 1,113                          | 2,114                                   | 4.7                              | 1,859                 | 1,712  | 147                                     | 7.9                              |
| 20 to 24 years .....                    | 6,728                 | 5,795                            | 299                            | 634                                     | 9.4                              | 381                   | 336  | 45                                      | 11.9                             |
| 25 years and over .....                 | 38,087                | 35,792                           | 814                            | 1,480                                   | 3.9                              | 1,478                 | 1,376  | 102                                     | 6.9                              |
| 25 to 54 years .....                    | 30,966                | 29,103                           | 627                            | 1,236                                   | 4.0                              | 519                   | 472  | 47                                      | 9.1                              |
| 55 years and over .....                 | 7,120                 | 6,689                            | 187                            | 244                                     | 3.4                              | 959                   | 903  | 55                                      | 5.7                              |
| <b>Females, 16 years and over .....</b> | <b>26,180</b>         | <b>22,414</b>                    | <b>1,570</b>                   | <b>2,196</b>                            | <b>8.4</b>                       | <b>7,475</b>          | <b>6,767</b>                                 | <b>708</b>                              | <b>9.5</b>                       |
| 16 to 21 years .....                    | 4,817                 | 3,449                            | 689                            | 679                                     | 14.1                             | 1,797                 | 1,514  | 283                                     | 15.8                             |
| 16 to 19 years .....                    | 2,799                 | 1,824                            | 520                            | 456                                     | 16.3                             | 1,420                 | 1,178  | 242                                     | 17.0                             |
| 20 years and over .....                 | 23,380                | 20,590                           | 1,051                          | 1,740                                   | 7.4                              | 6,055                 | 5,589  | 466                                     | 7.7                              |
| 20 to 24 years .....                    | 4,848                 | 4,039                            | 285                            | 524                                     | 10.8                             | 809                   | 705  | 104                                     | 12.8                             |
| 25 years and over .....                 | 18,532                | 16,551                           | 766                            | 1,216                                   | 6.6                              | 5,246                 | 4,884  | 362                                     | 6.9                              |
| 25 to 54 years .....                    | 15,110                | 13,461                           | 597                            | 1,052                                   | 7.0                              | 3,976                 | 3,692  | 284                                     | 7.1                              |
| 55 years and over .....                 | 3,424                 | 3,090                            | 168                            | 164                                     | 4.8                              | 1,271                 | 1,193  | 78                                      | 6.1                              |
| <b>Black and other</b>                  |                       |                                  |                                |   |                                  |                       |  |   |                                  |
| <b>Males, 16 years and over .....</b>   | <b>5,568</b>          | <b>4,575</b>                     | <b>405</b>                     | <b>588</b>                              | <b>10.6</b>                      | <b>480</b>            | <b>363</b>                                   | <b>117</b>                              | <b>24.4</b>                      |
| 16 to 21 years .....                    | 816                   | 439                              | 173                            | 204                                     | 25.0                             | 223                   | 133  | 90                                      | 40.3                             |
| 16 to 19 years .....                    | 459                   | 222                              | 117                            | 119                                     | 26.0                             | 194                   | 108  | 86                                      | 44.2                             |
| 20 years and over .....                 | 5,109                 | 4,353                            | 288                            | 469                                     | 9.2                              | 285                   | 254  | 31                                      | 11.0                             |
| 20 to 24 years .....                    | 873                   | 629                              | 90                             | 154                                     | 17.6                             | 48                    | 42   | 5                                       | (2)                              |
| 25 years and over .....                 | 4,236                 | 3,724                            | 198                            | 315                                     | 7.4                              | 237                   | 212  | 26                                      | 11.0                             |
| 25 to 54 years .....                    | 3,604                 | 3,177                            | 161                            | 266                                     | 7.4                              | 112                   | 91   | 20                                      | 17.9                             |
| 55 years and over .....                 | 633                   | 546                              | 36                             | 49                                      | 7.7                              | 126                   | 120  | 5                                       | 4.0                              |
| <b>Females, 16 years and over .....</b> | <b>4,343</b>          | <b>3,383</b>                     | <b>350</b>                     | <b>610</b>                              | <b>14.0</b>                      | <b>846</b>            | <b>687</b>                                   | <b>159</b>                              | <b>18.8</b>                      |
| 16 to 21 years .....                    | 674                   | 360                              | 115                            | 199                                     | 29.5                             | 244                   | 151  | 93                                      | 38.2                             |
| 16 to 19 years .....                    | 375                   | 159                              | 92                             | 124                                     | 33.2                             | 191                   | 111  | 80                                      | 42.1                             |
| 20 years and over .....                 | 3,968                 | 3,224                            | 258                            | 486                                     | 12.2                             | 655                   | 576  | 79                                      | 12.0                             |
| 20 to 24 years .....                    | 804                   | 562                              | 45                             | 197                                     | 24.5                             | 87                    | 67   | 20                                      | 22.7                             |
| 25 years and over .....                 | 3,164                 | 2,662                            | 213                            | 289                                     | 9.1                              | 568                   | 509  | 59                                      | 10.4                             |
| 25 to 54 years .....                    | 2,773                 | 2,330                            | 168                            | 275                                     | 9.9                              | 402                   | 358  | 45                                      | 11.2                             |
| 55 years and over .....                 | 391                   | 333                              | 45                             | 14                                      | 3.6                              | 167                   | 151  | 15                                      | 9.0                              |

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

<sup>2</sup> Percent not shown where base is less than 75,000.

# HOUSEHOLD DATA

## A-9. Unemployed persons by sex and age

| Age                                      | Males                |           |                    |           | Females              |           |                    |           |
|--|----------------------|-----------|--------------------|-----------|----------------------|-----------|--------------------|-----------|
|  | Thousands of persons |           | Unemployment rates |           | Thousands of persons |           | Unemployment rates |           |
|  | Aug. 1975            | Aug. 1976 | Aug. 1975          | Aug. 1976 | Aug. 1975            | Aug. 1976 | Aug. 1975          | Aug. 1976 |
| Total, 16 years and over .....           | 4,102                | 3,650     | 7.2                | 6.3       | 3,594                | 3,673     | 9.6                | 9.5       |
| 16 to 19 years .....                     | 967                  | 888       | 17.2               | 15.4      | 856                  | 903       | 18.5               | 18.9      |
| 16 to 17 years .....                     | 439                  | 430       | 17.6               | 16.7      | 381                  | 403       | 19.5               | 20.0      |
| 18 to 19 years .....                     | 528                  | 458       | 16.8               | 14.3      | 475                  | 500       | 17.8               | 18.0      |
| 20 years and over .....                  | 3,136                | 2,761     | 6.1                | 5.3       | 2,738                | 2,770     | 8.4                | 8.1       |
| 20 to 24 years .....                     | 1,002                | 838       | 12.8               | 10.4      | 833                  | 844       | 13.2               | 12.9      |
| 25 years and over .....                  | 2,133                | 1,924     | 4.9                | 4.4       | 1,905                | 1,926     | 7.2                | 7.0       |
| 25 to 34 years .....                     | 833                  | 846       | 6.3                | 5.8       | 814                  | 872       | 9.8                | 9.6       |
| 35 to 44 years .....                     | 439                  | 390       | 4.3                | 3.8       | 444                  | 423       | 7.0                | 6.4       |
| 45 to 54 years .....                     | 460                  | 334       | 4.4                | 3.2       | 389                  | 360       | 5.9                | 5.5       |
| 55 to 64 years .....                     | 264                  | 270       | 3.8                | 3.8       | 205                  | 224       | 4.9                | 5.2       |
| 65 to 69 years .....                     | 161                  | 167       | 3.8                | 3.9       | 115                  | 136       | 4.4                | 5.1       |
| 70 to 74 years .....                     | 103                  | 103       | 3.7                | 3.7       | 90                   | 88        | 5.7                | 5.5       |
| 75 years and over .....                  | 87                   | 84        | 4.6                | 4.7       | 53                   | 47        | 5.4                | 4.7       |
| Household heads, 16 years and over ..... | 2,177                | 1,864     | 4.8                | 4.1       | 616                  | 682       | 7.5                | 8.0       |
| 16 to 24 years .....                     | 376                  | 293       | 8.9                | 7.0       | 142                  | 157       | 12.3               | 13.5      |
| 25 to 64 years .....                     | 1,459                | 1,234     | 4.5                | 3.8       | 358                  | 404       | 7.3                | 7.8       |
| 65 years and over .....                  | 342                  | 335       | 4.0                | 3.9       | 117                  | 122       | 5.4                | 5.7       |

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

| Marital status, sex, age, and race           | Males                |           |                    |           | Females              |           |                    |           |
|--|----------------------|-----------|--------------------|-----------|----------------------|-----------|--------------------|-----------|
|  | Thousands of persons |           | Unemployment rates |           | Thousands of persons |           | Unemployment rates |           |
|  | Aug. 1975            | Aug. 1976 | Aug. 1975          | Aug. 1976 | Aug. 1975            | Aug. 1976 | Aug. 1975          | Aug. 1976 |
| Total, 16 years and over .....               | 4,102                | 3,650     | 7.2                | 6.3       | 3,594                | 3,673     | 9.6                | 9.5       |
| Married, spouse present .....                | 1,824                | 1,468     | 4.6                | 3.7       | 1,726                | 1,767     | 8.3                | 8.2       |
| Widowed, divorced, or separated .....        | 341                  | 336       | 9.2                | 8.7       | 589                  | 605       | 8.9                | 8.8       |
| Single (never married) .....                 | 1,938                | 1,846     | 14.6               | 13.1      | 1,278                | 1,301     | 12.9               | 12.6      |
| White, 16 years and over .....               | 3,330                | 2,945     | 6.5                | 5.7       | 2,871                | 2,904     | 8.9                | 8.6       |
| Married, spouse present .....                | 1,558                | 1,256     | 4.3                | 3.5       | 1,492                | 1,521     | 8.0                | 7.9       |
| Widowed, divorced, or separated .....        | 246                  | 265       | 8.3                | 8.5       | 441                  | 450       | 8.2                | 8.1       |
| Single (never married) .....                 | 1,526                | 1,423     | 13.2               | 11.6      | 938                  | 933       | 11.1               | 10.6      |
| Black and other, 16 years and over .....     | 772                  | 705       | 12.9               | 11.7      | 723                  | 769       | 14.7               | 14.8      |
| Married, spouse present .....                | 266                  | 212       | 7.4                | 6.0       | 235                  | 245       | 10.7               | 10.6      |
| Widowed, divorced, or separated .....        | 95                   | 70        | 12.8               | 10.0      | 148                  | 155       | 11.7               | 11.7      |
| Single (never married) .....                 | 412                  | 422       | 24.9               | 23.3      | 340                  | 369       | 23.3               | 23.8      |
| Total, 20 to 64 years of age .....           | 3,049                | 2,677     | 6.2                | 5.3       | 2,685                | 2,723     | 8.5                | 8.2       |
| Married, spouse present .....                | 1,715                | 1,372     | 4.5                | 3.6       | 1,601                | 1,636     | 8.0                | 7.9       |
| Widowed, divorced, or separated .....        | 329                  | 316       | 9.6                | 8.8       | 524                  | 556       | 8.7                | 8.9       |
| Single (never married) .....                 | 1,006                | 988       | 12.9               | 11.6      | 560                  | 532       | 9.8                | 8.9       |
| White, 20 to 64 years of age .....           | 2,482                | 2,189     | 5.6                | 4.9       | 2,144                | 2,159     | 7.8                | 7.6       |
| Married, spouse present .....                | 1,458                | 1,169     | 4.2                | 3.4       | 1,378                | 1,409     | 7.7                | 7.6       |
| Widowed, divorced, or separated .....        | 238                  | 250       | 8.7                | 8.5       | 390                  | 408       | 8.1                | 8.1       |
| Single (never married) .....                 | 786                  | 769       | 11.6               | 10.5      | 375                  | 343       | 7.9                | 6.9       |
| Black and other, 20 to 64 years of age ..... | 567                  | 488       | 11.0               | 9.4       | 542                  | 564       | 12.7               | 12.5      |
| Married, spouse present .....                | 257                  | 203       | 7.5                | 6.0       | 222                  | 227       | 10.4               | 10.1      |
| Widowed, divorced, or separated .....        | 90                   | 66        | 13.0               | 10.2      | 135                  | 148       | 11.4               | 11.9      |
| Single (never married) .....                 | 220                  | 219       | 21.0               | 18.6      | 185                  | 190       | 19.4               | 18.5      |

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

| Occupation                               | Thousands of persons |           | Unemployment rates |           |           |           |           |           |
|--|----------------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|
|  |                      |           | Total              |           | Males     |           | Females   |           |
|  | Aug. 1975            | Aug. 1976 | Aug. 1975          | Aug. 1976 | Aug. 1975 | Aug. 1976 | Aug. 1975 | Aug. 1976 |
| Total                                    | 7,696                | 7,323     | 8.2                | 7.6       | 7.2       | 6.3       | 9.6       | 9.5       |
| White-collar workers                     | 2,156                | 2,369     | 4.9                | 5.2       | 3.3       | 3.5       | 6.4       | 6.8       |
| Professional and technical               | 506                  | 549       | 3.9                | 4.1       | 3.1       | 2.9       | 5.1       | 5.6       |
| Managers and administrators, except farm | 257                  | 310       | 2.7                | 3.2       | 2.6       | 2.8       | 3.3       | 4.8       |
| Sales workers                            | 325                  | 329       | 5.5                | 5.6       | 3.7       | 3.7       | 8.0       | 7.9       |
| Clerical workers                         | 1,067                | 1,181     | 6.6                | 7.1       | 4.9       | 6.1       | 7.1       | 7.4       |
| Blue-collar workers                      | 3,277                | 2,699     | 10.1               | 8.2       | 9.1       | 7.4       | 14.8      | 12.1      |
| Craft and kindred workers                | 842                  | 690       | 6.9                | 5.6       | 6.7       | 5.5       | 9.0       | 7.8       |
| Carpenters and other construction craft  | 415                  | 318       | 10.5               | 7.9       | 10.5      | 8.0       | (1)       | (1)       |
| All other                                | 427                  | 372       | 5.1                | 4.5       | 4.9       | 4.2       | 9.1       | 7.9       |
| Operatives, except transport             | 1,485                | 1,133     | 13.0               | 9.8       | 11.1      | 8.0       | 16.0      | 12.7      |
| Transport equipment operatives           | 266                  | 228       | 7.5                | 6.5       | 7.3       | 6.5       | 11.1      | 6.3       |
| Nonfarm laborers                         | 684                  | 648       | 12.9               | 11.7      | 13.1      | 11.6      | 10.9      | 13.8      |
| Construction laborers                    | 226                  | 207       | 21.2               | 19.3      | 21.3      | 19.7      | (1)       | (1)       |
| All other                                | 458                  | 441       | 10.8               | 9.9       | 10.8      | 9.4       | 11.1      | 14.4      |
| Service workers                          | 1,184                | 1,140     | 9.1                | 8.4       | 8.2       | 7.6       | 9.7       | 8.9       |
| Private household                        | 69                   | 62        | 5.6                | 5.3       | (1)       | (1)       | 5.7       | 5.1       |
| All other                                | 1,115                | 1,078     | 9.5                | 8.7       | 8.3       | 7.5       | 10.4      | 9.5       |
| Farm workers                             | 123                  | 114       | 3.5                | 3.3       | 4.3       | 2.3       | 4.0       | 7.5       |
| No previous work experience              | 956                  | 1,001     | --                 | --        | --        | --        | --        | --        |
| 18 to 19 years                           | 725                  | 776       | --                 | --        | --        | --        | --        | --        |
| 20 to 24 years                           | 164                  | 152       | --                 | --        | --        | --        | --        | --        |
| 25 years and over                        | 67                   | 73        | --                 | --        | --        | --        | --        | --        |

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

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

| Industry  | Percent distribution |           | Unemployment rates |           |           |           |           |           |
|---|----------------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|
|   |                      |           | Total              |           | Males     |           | Females   |           |
|   | Aug. 1975            | Aug. 1976 | Aug. 1975          | Aug. 1976 | Aug. 1975 | Aug. 1976 | Aug. 1975 | Aug. 1976 |
| Total   | 100.0                | 100.0     | 8.2                | 7.6       | 7.2       | 6.3       | 9.6       | 9.5       |
| Nonagricultural private wage and salary workers | 74.4                 | 71.2      | 8.4                | 7.5       | 7.7       | 6.5       | 9.4       | 8.9       |
| Mining  | .5                   | .4        | 5.8                | 3.7       | 6.1       | 3.8       | (1)       | (1)       |
| Construction                                    | 8.6                  | 7.9       | 14.2               | 12.2      | 14.4      | 12.4      | 10.1      | 9.2       |
| Manufacturing                                   | 27.7                 | 21.7      | 10.0               | 7.4       | 8.4       | 5.5       | 13.8      | 11.5      |
| Durable goods                                   | 17.6                 | 12.0      | 10.8               | 6.9       | 9.3       | 5.9       | 15.6      | 10.1      |
| Lumber and wood products                        | .8                   | .8        | 9.9                | 8.8       | 8.4       | 8.5       | 19.0      | 10.8      |
| Furniture and fixtures                          | .9                   | .7        | 12.8               | 10.2      | 10.4      | 12.6      | 18.0      | 3.5       |
| Stone, clay, and glass products                 | .7                   | .4        | 8.1                | 4.4       | 7.6       | 3.8       | 10.4      | 6.4       |
| Primary metal industries                        | 1.8                  | 1.1       | 10.3               | 5.9       | 9.2       | 5.1       | 21.7      | 12.4      |
| Fabricated metal products                       | 2.1                  | 1.5       | 11.3               | 6.8       | 10.9      | 5.7       | 13.1      | 10.5      |
| Machinery, except electrical equipment          | 3.0                  | 1.9       | 9.7                | 5.8       | 8.4       | 5.2       | 15.8      | 8.9       |
| Electrical equipment                            | 3.5                  | 2.3       | 12.4               | 7.5       | 9.2       | 4.8       | 17.6      | 11.4      |
| Transportation equipment                        | 3.1                  | 2.0       | 11.8               | 6.9       | 11.2      | 6.1       | 15.5      | 11.4      |
| Automobiles                                     | 1.9                  | .9        | 13.0               | 5.5       | 13.4      | 5.1       | 10.3      | 8.0       |
| Other transportation equipment                  | 1.3                  | 1.0       | 10.3               | 8.7       | 8.5       | 7.5       | 20.0      | 14.0      |
| Instruments and related products                | .4                   | .4        | 6.1                | 5.7       | 3.0       | 4.0       | 9.6       | 7.9       |
| Other durable goods industries                  | 1.1                  | .9        | 11.9               | 9.4       | 9.4       | 8.4       | 15.2      | 11.2      |
| Non-durable goods                               | 10.1                 | 9.6       | 8.9                | 8.1       | 6.6       | 4.8       | 12.4      | 12.8      |
| Food and kindred products                       | 2.2                  | 2.2       | 8.7                | 8.3       | 7.0       | 5.1       | 12.8      | 15.8      |
| Textile mill products                           | 1.3                  | 1.0       | 11.7               | 8.3       | 7.4       | 6.1       | 16.4      | 11.0      |
| Apparel and other textile products              | 2.0                  | 2.5       | 10.9               | 12.9      | 8.3       | 7.6       | 11.6      | 14.2      |
| Paper and allied products                       | .6                   | .6        | 7.9                | 6.1       | 7.7       | 5.3       | 8.7       | 8.8       |
| Printing and publishing                         | 1.1                  | 1.1       | 6.7                | 6.3       | 5.2       | 3.5       | 9.0       | 10.9      |
| Chemicals and allied products                   | 1.0                  | .9        | 6.2                | 5.6       | 5.4       | 3.3       | 8.3       | 12.5      |
| Rubber and plastics products                    | 1.1                  | .8        | 12.8               | 9.4       | 10.2      | 6.9       | 17.4      | 13.9      |
| Other non-durable goods industries              | .8                   | .5        | 8.7                | 5.7       | 2.9       | 4.1       | 16.5      | 8.1       |
| Transportation and public utilities             | 3.3                  | 2.9       | 5.2                | 4.4       | 5.1       | 4.1       | 5.4       | 5.3       |
| Railroads and railway express                   | .3                   | .3        | 3.2                | 3.9       | 3.4       | 3.4       | (1)       | (1)       |
| Other transportation                            | 2.4                  | 2.1       | 8.2                | 6.5       | 8.2       | 6.3       | 8.3       | 7.7       |
| Communication and other public utilities        | .7                   | .5        | 2.6                | 2.0       | 1.8       | 1.2       | 4.1       | 3.4       |
| Wholesale and retail trade                      | 18.7                 | 20.8      | 8.4                | 8.4       | 6.9       | 6.9       | 10.1      | 10.4      |
| Finance, insurance, and real estate             | 2.5                  | 2.7       | 11.2               | 4.4       | 3.4       | 3.8       | 4.8       | 4.9       |
| Service industries                              | 13.1                 | 14.9      | 6.8                | 7.1       | 5.8       | 6.6       | 7.5       | 7.4       |
| Professional services                           | 5.7                  | 6.6       | 5.5                | 5.8       | 4.3       | 3.9       | 6.0       | 6.7       |
| All other service industries                    | 7.4                  | 8.2       | 8.4                | 8.6       | 7.0       | 8.7       | 9.7       | 8.5       |
| Agricultural wage and salary workers            | 2.1                  | 2.1       | 7.8                | 8.6       | 9.0       | 6.6       | 9.3       | 15.6      |
| All other classes of workers                    | 11.1                 | 13.1      | 3.6                | 4.0       | 2.7       | 3.1       | 5.2       | 5.3       |
| No previous work experience                     | 12.4                 | 13.7      | --                 | --        | --        | --        | --        | --        |

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

# HOUSEHOLD DATA

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

| Reason for unemployment                      | Total unemployed |           | Males, 20 years and over |           | Females, 20 years and over |           | Both sexes, 16 to 19 years |           | White     |           | Black and other |           |
|--|------------------|-----------|--------------------------|-----------|----------------------------|-----------|----------------------------|-----------|-----------|-----------|-----------------|-----------|
|  | Aug. 1975        | Aug. 1976 | Aug. 1975                | Aug. 1976 | Aug. 1975                  | Aug. 1976 | Aug. 1975                  | Aug. 1976 | Aug. 1975 | Aug. 1976 | Aug. 1975       | Aug. 1976 |
| <b>UNEMPLOYMENT LEVEL</b>                    |                  |           |                          |           |                            |           |                            |           |           |           |                 |           |
| Total unemployed, in thousands .....         | 7,697            | 7,323     | 3,136                    | 2,761     | 2,738                      | 2,770     | 1,823                      | 1,791     | 6,201     | 5,849     | 1,495           | 1,474     |
| Job losers .....                             | 4,016            | 3,308     | 2,293                    | 1,875     | 1,315                      | 1,066     | 408                        | 367       | 3,255     | 2,737     | 761             | 571       |
| Job leavers .....                            | 848              | 1,080     | 277                      | 353       | 393                        | 535       | 178                        | 192       | 738       | 919       | 110             | 161       |
| Reentrants .....                             | 1,877            | 1,939     | 479                      | 459       | 885                        | 1,021     | 513                        | 459       | 1,468     | 1,475     | 408             | 464       |
| New entrants .....                           | 955              | 997       | 86                       | 74        | 146                        | 148       | 724                        | 774       | 740       | 718       | 216             | 279       |
| Total unemployed, percent distribution ..... |                  |           |                          |           |                            |           |                            |           |           |           |                 |           |
| Job losers .....                             | 52.2             | 45.2      | 73.1                     | 67.9      | 48.0                       | 38.5      | 22.4                       | 20.5      | 52.5      | 46.8      | 50.9            | 38.7      |
| Job leavers .....                            | 11.0             | 14.7      | 8.8                      | 12.8      | 14.4                       | 19.3      | 9.8                        | 10.7      | 11.9      | 15.7      | 7.4             | 10.9      |
| Reentrants .....                             | 24.4             | 26.5      | 15.3                     | 16.6      | 32.3                       | 36.9      | 28.1                       | 25.6      | 23.7      | 25.2      | 27.3            | 31.5      |
| New entrants .....                           | 12.4             | 13.6      | 2.7                      | 2.7       | 5.3                        | 5.3       | 39.7                       | 43.2      | 11.9      | 12.3      | 14.4            | 18.9      |
| <b>UNEMPLOYMENT RATE</b>                     |                  |           |                          |           |                            |           |                            |           |           |           |                 |           |
| Total unemployment rate .....                | 8.2              | 7.6       | 6.1                      | 5.3       | 8.4                        | 8.1       | 17.8                       | 17.0      | 7.4       | 6.8       | 13.7            | 13.1      |
| Job loser rate <sup>1</sup> .....            | 4.3              | 3.4       | 4.5                      | 3.6       | 4.0                        | 3.1       | 4.0                        | 3.5       | 3.9       | 3.2       | 7.0             | 5.1       |
| Job leaver rate <sup>1</sup> .....           | .9               | 1.1       | .5                       | .7        | 1.2                        | 1.6       | 1.7                        | 1.8       | .9        | 1.1       | 1.0             | 1.4       |
| Reentrant rate <sup>1</sup> .....            | 2.0              | 2.0       | .9                       | .9        | 2.7                        | 3.0       | 5.0                        | 4.3       | 1.8       | 1.7       | 3.7             | 4.1       |
| New entrant rate <sup>1</sup> .....          | 1.0              | 1.0       | .2                       | .1        | .4                         | .4        | 7.1                        | 7.3       | .9        | .8        | 2.0             | 2.5       |

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

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

[Percent distribution]

| Reason, sex, and age             | August 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 .....   | 7,323                | 100.0   | 37.4                     | 34.5          | 28.1              | 10.7           | 17.4              |
| Job losers .....                 | 3,308                | 100.0   | 30.6                     | 30.7          | 38.7              | 14.0           | 24.7              |
| Job leavers .....                | 1,080                | 100.0   | 39.5                     | 35.6          | 24.8              | 11.9           | 12.9              |
| Reentrants .....                 | 1,939                | 100.0   | 46.4                     | 34.1          | 19.5              | 7.8            | 11.7              |
| New entrants .....               | 997                  | 100.0   | 40.2                     | 46.5          | 13.3              | 4.1            | 9.2               |
| Males, 20 years and over .....   | 2,761                | 100.0   | 30.6                     | 30.2          | 39.3              | 14.1           | 25.2              |
| Job losers .....                 | 1,875                | 100.0   | 29.0                     | 27.7          | 43.3              | 14.7           | 28.6              |
| Job leavers .....                | 353                  | 100.0   | 37.0                     | 35.3          | 27.8              | 15.9           | 11.9              |
| Reentrants .....                 | 459                  | 100.0   | 32.0                     | 36.2          | 31.8              | 11.5           | 20.3              |
| New entrants .....               | 74                   | 100.0   | (1)                      | (1)           | (1)               | (1)            | (1)               |
| Females, 20 years and over ..... | 2,770                | 100.0   | 40.1                     | 32.3          | 27.6              | 10.5           | 17.1              |
| Job losers .....                 | 1,066                | 100.0   | 25.8                     | 35.6          | 38.6              | 15.0           | 23.6              |
| Job leavers .....                | 535                  | 100.0   | 33.8                     | 38.5          | 27.6              | 11.2           | 16.4              |
| Reentrants .....                 | 1,021                | 100.0   | 56.0                     | 26.0          | 18.0              | 6.5            | 11.5              |
| New entrants .....               | 149                  | 100.0   | 55.7                     | 29.5          | 14.8              | 2.0            | 12.8              |
| Both sexes, 16 to 19 years ..... | 1,791                | 100.0   | 43.7                     | 44.6          | 11.7              | 5.9            | 5.8               |
| Job losers .....                 | 368                  | 100.0   | 52.4                     | 32.1          | 15.5              | 7.9            | 7.6               |
| Job leavers .....                | 192                  | 100.0   | 59.9                     | 28.1          | 12.0              | 6.8            | 5.2               |
| Reentrants .....                 | 458                  | 100.0   | 39.3                     | 50.4          | 10.3              | 6.8            | 3.5               |
| New entrants .....               | 775                  | 100.0   | 38.1                     | 51.2          | 10.8              | 4.3            | 6.5               |

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

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

| Sex, age, and race                      | August 1976          |                   |   |                           |                   |                        |                      |       | Average number of methods used |
|---|----------------------|-------------------|---|---------------------------|-------------------|------------------------|----------------------|-------|--------------------------------|
|   | Thousands of persons |                   | Methods used as a percent of total jobseekers |                           |                   |                        |                      | Other |                                |
|   | Total unemployed     | Total job-seekers | Public employment agency                      | Private employment agency | Employer directly | Placed or answered ads | Friends or relatives |       |                                |
| <b>Total, 16 years and over</b> .....   | 7,323                | 6,188             | 26.5  | 6.9                       | 74.0              | 31.5                   | 15.0                 | 4.9   | 1.59                           |
| 16 to 19 years .....                    | 1,791                | 1,665             | 17.8  | 4.1                       | 81.7              | 26.8                   | 14.1                 | 3.1   | 1.48                           |
| 20 to 24 years .....                    | 1,682                | 1,446             | 30.3  | 8.1                       | 73.7              | 35.3                   | 16.3                 | 3.7   | 1.67                           |
| 25 to 34 years .....                    | 1,718                | 1,405             | 28.9  | 7.5                       | 71.7              | 32.6                   | 14.9                 | 6.5   | 1.62                           |
| 35 to 44 years .....                    | 813                  | 632               | 31.6  | 10.0                      | 71.4              | 32.1                   | 13.3                 | 3.6   | 1.62                           |
| 45 to 54 years .....                    | 694                  | 544               | 29.6  | 7.9                       | 69.1              | 34.2                   | 16.9                 | 7.5   | 1.65                           |
| 55 to 64 years .....                    | 494                  | 394               | 30.5  | 7.6                       | 66.5              | 28.2                   | 12.2                 | 9.1   | 1.54                           |
| 65 years and over .....                 | 131                  | 102               | 19.6  | 2.0                       | 57.8              | 34.3                   | 21.6                 | 6.9   | 1.42                           |
| <b>Males, 16 years and over</b> .....   | 3,650                | 3,033             | 30.6  | 7.5                       | 76.0              | 28.9                   | 17.4                 | 7.1   | 1.68                           |
| 16 to 19 years .....                    | 888                  | 827               | 18.0  | 3.4                       | 83.8              | 24.1                   | 16.6                 | 3.5   | 1.49                           |
| 20 to 24 years .....                    | 838                  | 711               | 33.1  | 7.6                       | 75.5              | 33.1                   | 18.8                 | 5.1   | 1.73                           |
| 25 to 34 years .....                    | 846                  | 660               | 36.2  | 7.7                       | 71.5              | 30.3                   | 19.7                 | 10.2  | 1.76                           |
| 35 to 44 years .....                    | 390                  | 294               | 43.9  | 15.6                      | 77.2              | 29.3                   | 12.2                 | 6.1   | 1.84                           |
| 45 to 54 years .....                    | 334                  | 256               | 32.0  | 11.7                      | 72.7              | 33.2                   | 20.3                 | 11.7  | 1.82                           |
| 55 to 64 years .....                    | 270                  | 218               | 36.7  | 6.9                       | 69.7              | 24.8                   | 11.5                 | 12.4  | 1.62                           |
| 65 years and over .....                 | 84                   | 67                | (1)   | (1)                       | (1)               | (1)                    | (1)                  | (1)   | (1)                            |
| <b>Females, 16 years and over</b> ..... | 3,673                | 3,155             | 22.7  | 6.4                       | 72.2              | 34.0                   | 12.6                 | 2.9   | 1.51                           |
| 16 to 19 years .....                    | 903                  | 838               | 17.7  | 4.8                       | 79.6              | 29.6                   | 11.7                 | 2.6   | 1.46                           |
| 20 to 24 years .....                    | 844                  | 735               | 27.6  | 8.6                       | 71.8              | 37.6                   | 13.7                 | 2.2   | 1.62                           |
| 25 to 34 years .....                    | 872                  | 745               | 22.4  | 7.4                       | 71.8              | 34.6                   | 10.6                 | 3.4   | 1.50                           |
| 35 to 44 years .....                    | 423                  | 338               | 21.0  | 5.0                       | 66.3              | 34.6                   | 14.2                 | 1.5   | 1.43                           |
| 45 to 54 years .....                    | 360                  | 288               | 27.4  | 4.5                       | 66.0              | 35.1                   | 13.9                 | 4.2   | 1.51                           |
| 55 to 64 years .....                    | 224                  | 176               | 22.7  | 8.0                       | 62.5              | 32.4                   | 13.1                 | 5.1   | 1.44                           |
| 65 years and over .....                 | 47                   | 35                | (1)   | (1)                       | (1)               | (1)                    | (1)                  | (1)   | (1)                            |
| <b>White</b> .....                      | 5,849                | 4,866             | 25.3  | 6.9                       | 74.2              | 33.7                   | 15.4                 | 5.1   | 1.61                           |
| <b>Males</b> .....                      | 2,945                | 2,405             | 29.9  | 7.7                       | 76.2              | 31.5                   | 18.2                 | 7.6   | 1.71                           |
| <b>Females</b> .....                    | 2,904                | 2,461             | 20.8  | 6.1                       | 72.4              | 35.9                   | 12.6                 | 2.6   | 1.50                           |
| <b>Black and other</b> .....            | 1,474                | 1,322             | 31.1  | 7.0                       | 73.2              | 23.4                   | 13.5                 | 4.5   | 1.53                           |
| <b>Males</b> .....                      | 705                  | 627               | 33.2  | 6.5                       | 75.1              | 19.3                   | 14.5                 | 5.1   | 1.54                           |
| <b>Females</b> .....                    | 769                  | 694               | 29.3  | 7.5                       | 71.5              | 27.2                   | 12.7                 | 3.9   | 1.52                           |

<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

NOTE: The jobseekers total is less than the total unemployed because persons on layoff or because many jobseekers use more than one method.

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

| Sex and reason                          | August 1976          |                   |   |                           |                   |                        |                      |       | Average number of methods used |
|---|----------------------|-------------------|---|---------------------------|-------------------|------------------------|----------------------|-------|--------------------------------|
|   | Thousands of persons |                   | Methods used as a percent of total jobseekers |                           |                   |                        |                      | Other |                                |
|   | Total unemployed     | Total job-seekers | Public employment agency                      | Private employment agency | Employer directly | Placed or answered ads | Friends or relatives |       |                                |
| <b>Total, 16 years and over</b> .....   | 7,323                | 6,188             | 26.5  | 6.9                       | 74.0              | 31.5                   | 15.0                 | 4.9   | 1.59                           |
| Job losers .....                        | 3,308                | 2,351             | 33.2  | 8.1                       | 70.4              | 33.7                   | 16.8                 | 7.0   | 1.69                           |
| Job leavers .....                       | 1,080                | 1,052             | 31.0  | 6.8                       | 75.2              | 34.8                   | 14.2                 | 2.4   | 1.64                           |
| Reentrants .....                        | 1,939                | 1,809             | 21.0  | 6.2                       | 74.4              | 31.3                   | 12.7                 | 4.8   | 1.50                           |
| New entrants .....                      | 997                  | 976               | 16.0  | 5.5                       | 80.8              | 23.1                   | 15.6                 | 3.1   | 1.44                           |
| <b>Males, 16 years and over</b> .....   | 3,650                | 3,033             | 30.6  | 7.5                       | 76.0              | 28.9                   | 17.4                 | 7.1   | 1.68                           |
| Job losers .....                        | 2,107                | 1,558             | 34.6  | 8.0                       | 73.4              | 29.8                   | 18.7                 | 9.1   | 1.74                           |
| Job leavers .....                       | 444                  | 434               | 36.6  | 7.8                       | 78.8              | 32.9                   | 17.7                 | 3.2   | 1.77                           |
| Reentrants .....                        | 688                  | 638               | 24.6  | 7.4                       | 77.6              | 30.4                   | 14.7                 | 6.4   | 1.61                           |
| New entrants .....                      | 410                  | 402               | 17.7  | 4.7                       | 80.6              | 19.4                   | 16.7                 | 4.7   | 1.44                           |
| <b>Females, 16 years and over</b> ..... | 3,673                | 3,155             | 22.7  | 6.4                       | 72.2              | 34.0                   | 12.6                 | 2.9   | 1.51                           |
| Job losers .....                        | 1,201                | 793               | 30.4  | 8.1                       | 64.6              | 41.4                   | 13.2                 | 2.8   | 1.61                           |
| Job leavers .....                       | 635                  | 618               | 27.0  | 6.1                       | 72.7              | 36.1                   | 11.7                 | 1.8   | 1.55                           |
| Reentrants .....                        | 1,251                | 1,169             | 19.0  | 5.6                       | 72.8              | 32.0                   | 11.5                 | 3.8   | 1.45                           |
| New entrants .....                      | 586                  | 574               | 14.8  | 6.1                       | 81.0              | 25.6                   | 14.8                 | 1.9   | 1.44                           |

NOTE: See note, table A-15.

# HOUSEHOLD DATA

## A-17. Unemployed persons by duration of unemployment

| Duration of unemployment      | Total                |           |                      |           | Household heads      |           |                      |           |
|-------------------------------|----------------------|-----------|----------------------|-----------|----------------------|-----------|----------------------|-----------|
|                               | Thousands of persons |           | Percent distribution |           | Thousands of persons |           | Percent distribution |           |
|                               | Aug. 1975            | Aug. 1976 | Aug. 1975            | Aug. 1976 | Aug. 1975            | Aug. 1976 | Aug. 1975            | Aug. 1976 |
| Total .....                   | 7,697                | 7,323     | 100.0                | 100.0     | 2,794                | 2,546     | 100.0                | 100.0     |
| Less than 5 weeks .....       | 2,668                | 2,738     | 34.7                 | 37.4      | 780                  | 843       | 27.9                 | 33.1      |
| 5 to 14 weeks .....           | 2,548                | 2,526     | 33.1                 | 34.5      | 771                  | 752       | 27.6                 | 29.5      |
| 5 to 10 weeks .....           | 1,775                | 1,875     | 23.1                 | 25.6      | 545                  | 526       | 19.5                 | 20.7      |
| 11 to 14 weeks .....          | 773                  | 651       | 10.0                 | 8.9       | 226                  | 226       | 8.1                  | 8.9       |
| 15 weeks and over .....       | 2,481                | 2,058     | 32.2                 | 28.1      | 1,243                | 951       | 44.5                 | 37.4      |
| 15 to 26 weeks .....          | 999                  | 785       | 13.0                 | 10.7      | 478                  | 363       | 17.1                 | 14.3      |
| 27 weeks and over .....       | 1,482                | 1,274     | 19.3                 | 17.4      | 765                  | 588       | 27.4                 | 23.1      |
| 27 to 51 weeks .....          | 1,033                | 665       | 13.4                 | 9.1       | 535                  | 320       | 19.1                 | 12.6      |
| 52 weeks and over .....       | 450                  | 608       | 5.8                  | 8.3       | 230                  | 268       | 8.2                  | 10.5      |
| Average (mean) duration ..... | 15.2                 | 15.2      | --                   | --        | 19.1                 | 18.6      | --                   | --        |

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

| Sex, age, race, and marital status    | Thousands of persons |                   |               |                |                   | Average (mean) duration, in weeks | Less than 5 weeks as a percent of unemployed in group |           | 15 weeks and over as a percent of unemployed in group |           |
|---------------------------------------|----------------------|-------------------|---------------|----------------|-------------------|-----------------------------------|---|-----------|---|-----------|
|                                       | Total                | Less than 5 weeks | 5 to 14 weeks | 15 to 26 weeks | 27 weeks and over |                                   | Aug. 1975   | Aug. 1976 | Aug. 1975   | Aug. 1976 |
|                                       | August 1976          |                   |               |                |                   |                                   | Aug. 1975   | Aug. 1976 | Aug. 1975   | Aug. 1976 |
| Total, 16 years and over .....        | 7,323                | 2,738             | 2,526         | 785            | 1,274             | 15.2                              | 34.7  | 37.4      | 32.2  | 28.1      |
| 16 to 21 years .....                  | 2,531                | 1,077             | 1,055         | 197            | 202               | 10.3                              | 39.9  | 42.6      | 18.1  | 15.7      |
| 16 to 19 years .....                  | 1,791                | 783               | 798           | 106            | 104               | 8.9                               | 40.5  | 43.7      | 12.5  | 11.7      |
| 20 to 24 years .....                  | 1,682                | 668               | 559           | 196            | 259               | 14.2                              | 35.9  | 39.7      | 32.9  | 27.1      |
| 25 to 34 years .....                  | 1,718                | 608               | 550           | 206            | 353               | 16.4                              | 32.0  | 35.4      | 39.3  | 32.6      |
| 35 to 44 years .....                  | 813                  | 287               | 274           | 90             | 162               | 16.2                              | 32.6  | 35.3      | 40.7  | 30.9      |
| 45 to 54 years .....                  | 694                  | 202               | 201           | 101            | 190               | 21.6                              | 31.4  | 29.1      | 40.9  | 41.9      |
| 55 to 64 years .....                  | 494                  | 151               | 109           | 64             | 169               | 25.1                              | 27.8  | 30.7      | 43.0  | 47.3      |
| 65 years and over .....               | 131                  | 40                | 33            | 21             | 37                | 22.5                              | 31.2  | 30.2      | 52.8  | 44.3      |
| Males, 16 years and over .....        | 3,650                | 1,220             | 1,246         | 440            | 743               | 17.2                              | 29.0  | 33.4      | 38.3  | 32.4      |
| 16 to 21 years .....                  | 1,276                | 504               | 547           | 121            | 104               | 11.0                              | 35.2  | 39.5      | 22.4  | 17.7      |
| 16 to 19 years .....                  | 888                  | 376               | 413           | 52             | 48                | 8.9                               | 38.6  | 42.3      | 13.8  | 11.2      |
| 20 to 24 years .....                  | 838                  | 289               | 266           | 122            | 161               | 16.8                              | 26.6  | 34.5      | 42.1  | 33.8      |
| 25 to 34 years .....                  | 846                  | 269               | 259           | 106            | 211               | 19.1                              | 28.0  | 31.8      | 45.0  | 37.6      |
| 35 to 44 years .....                  | 390                  | 115               | 129           | 52             | 94                | 18.4                              | 23.1  | 29.6      | 50.1  | 37.4      |
| 45 to 54 years .....                  | 334                  | 69                | 93            | 65             | 106               | 25.4                              | 26.5  | 20.8      | 47.2  | 51.2      |
| 55 to 64 years .....                  | 270                  | 79                | 59            | 35             | 98                | 26.3                              | 21.1  | 29.4      | 48.6  | 48.9      |
| 65 years and over .....               | 84                   | 22                | 28            | 9              | 26                | 24.7                              | 26.9  | 25.5      | 59.5  | 41.6      |
| Females, 16 years and over .....      | 3,673                | 1,518             | 1,280         | 344            | 530               | 13.2                              | 41.1  | 41.3      | 25.3  | 23.8      |
| 16 to 21 years .....                  | 1,254                | 573               | 509           | 76             | 97                | 9.5                               | 45.2  | 45.7      | 13.4  | 13.8      |
| 16 to 19 years .....                  | 903                  | 407               | 385           | 54             | 56                | 8.8                               | 42.6  | 45.1      | 11.0  | 12.2      |
| 20 to 24 years .....                  | 844                  | 378               | 294           | 74             | 98                | 11.6                              | 47.0  | 44.8      | 21.8  | 20.4      |
| 25 to 34 years .....                  | 872                  | 339               | 292           | 100            | 142               | 13.8                              | 36.4  | 38.9      | 33.2  | 27.7      |
| 35 to 44 years .....                  | 423                  | 172               | 145           | 38             | 68                | 14.0                              | 42.0  | 40.6      | 31.3  | 25.0      |
| 45 to 54 years .....                  | 360                  | 132               | 108           | 36             | 84                | 18.1                              | 37.1  | 36.7      | 33.5  | 33.3      |
| 55 to 64 years .....                  | 224                  | 72                | 50            | 29             | 72                | 23.6                              | 36.4  | 32.2      | 35.8  | 45.2      |
| 65 years and over .....               | 47                   | 18                | 6             | 12             | 11                | 18.4                              | (1)   | (1)       | (1)   | (1)       |
| White .....                           | 5,849                | 2,269             | 1,970         | 598            | 1,012             | 14.9                              | 35.2  | 38.8      | 32.3  | 27.5      |
| Males .....                           | 2,945                | 1,026             | 988           | 335            | 596               | 16.9                              | 29.6  | 34.8      | 38.0  | 31.6      |
| Females .....                         | 2,904                | 1,243             | 982           | 263            | 416               | 12.8                              | 41.6  | 42.8      | 25.7  | 23.4      |
| Black and other .....                 | 1,474                | 470               | 556           | 186            | 262               | 16.4                              | 32.6  | 31.9      | 32.0  | 30.4      |
| Males .....                           | 705                  | 194               | 258           | 105            | 147               | 18.6                              | 26.2  | 27.6      | 39.5  | 35.8      |
| Females .....                         | 769                  | 275               | 298           | 81             | 115               | 14.4                              | 39.5  | 35.8      | 23.9  | 25.5      |
| Males:                                |                      |                   |               |                |                   |                                   |   |           |   |           |
| Married, spouse present .....         | 1,468                | 458               | 434           | 199            | 378               | 20.0                              | 26.1  | 31.2      | 46.6  | 39.3      |
| Widowed, divorced, or separated ..... | 336                  | 90                | 92            | 57             | 96                | 21.9                              | 22.5  | 26.9      | 49.2  | 45.8      |
| Single (never married) .....          | 1,846                | 672               | 721           | 184            | 269               | 14.2                              | 32.8  | 36.4      | 28.5  | 24.6      |
| Females:                              |                      |                   |               |                |                   |                                   |   |           |   |           |
| Married, spouse present .....         | 1,767                | 735               | 592           | 163            | 277               | 13.3                              | 41.6  | 41.6      | 29.3  | 24.9      |
| Widowed, divorced, or separated ..... | 605                  | 238               | 159           | 68             | 141               | 17.8                              | 37.5  | 39.3      | 30.8  | 34.5      |
| Single (never married) .....          | 1,301                | 546               | 530           | 113            | 113               | 10.8                              | 42.3  | 41.9      | 17.4  | 17.4      |

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



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

| Occupation and industry             | Thousands of persons |                   |               |                |                   | Average (mean) duration, in weeks | Less than 5 weeks as a percent of unemployed in group |           | 15 weeks and over as a percent of unemployed in group |           |
|-------------------------------------|----------------------|-------------------|---------------|----------------|-------------------|-----------------------------------|---|-----------|---|-----------|
|                                     | Total                | Less than 5 weeks | 5 to 14 weeks | 15 to 26 weeks | 27 weeks and over |                                   | Aug. 1975   | Aug. 1976 | Aug. 1975   | Aug. 1976 |
|                                     | August 1976          |                   |               |                |                   |                                   |   |           |   |           |
| <b>OCCUPATION</b>                   |                      |                   |               |                |                   |                                   |   |           |   |           |
| White-collar workers                | 2,369                | 825               | 825           | 288            | 431               | 15.5                              | 33.7  | 34.8      | 32.2  | 30.4      |
| Professional and managerial         | 859                  | 273               | 316           | 125            | 145               | 16.1                              | 29.1  | 31.8      | 35.3  | 31.3      |
| Sales workers                       | 329                  | 133               | 110           | 33             | 54                | 14.2                              | 33.4  | 40.5      | 32.5  | 26.2      |
| Clerical workers                    | 1,181                | 418               | 399           | 131            | 233               | 15.5                              | 37.0  | 35.4      | 30.0  | 30.8      |
| Blue-collar workers                 | 2,699                | 989               | 791           | 337            | 582               | 17.4                              | 30.5  | 36.6      | 42.4  | 34.0      |
| Craft and kindred workers           | 690                  | 242               | 193           | 90             | 165               | 18.1                              | 29.0  | 35.1      | 40.8  | 37.0      |
| Operatives, except transport        | 1,133                | 446               | 302           | 141            | 245               | 17.8                              | 31.4  | 39.3      | 46.4  | 34.1      |
| Transport equipment operatives      | 228                  | 64                | 74            | 34             | 56                | 19.2                              | 21.8  | 28.1      | 37.7  | 39.6      |
| Nonfarm laborers                    | 648                  | 238               | 223           | 71             | 116               | 15.5                              | 34.0  | 36.7      | 37.4  | 28.9      |
| Service workers                     | 1,140                | 467               | 394           | 115            | 164               | 13.9                              | 42.5  | 40.9      | 23.2  | 24.5      |
| <b>INDUSTRY<sup>1</sup></b>         |                      |                   |               |                |                   |                                   |   |           |   |           |
| Agriculture                         | 151                  | 75                | 60            | 8              | 9                 | 8.3                               | 57.2  | 49.7      | 19.2  | 10.8      |
| Construction                        | 614                  | 236               | 159           | 72             | 145               | 18.0                              | 32.3  | 38.5      | 40.6  | 35.5      |
| Manufacturing                       | 1,591                | 562               | 429           | 219            | 380               | 18.7                              | 30.2  | 35.4      | 46.1  | 37.7      |
| Durable goods                       | 885                  | 269               | 256           | 105            | 255               | 20.5                              | 26.7  | 30.4      | 51.2  | 40.7      |
| Non-durable goods                   | 706                  | 293               | 173           | 114            | 125               | 16.4                              | 36.2  | 41.6      | 37.1  | 33.9      |
| Transportation and public utilities | 235                  | 63                | 84            | 24             | 64                | 18.6                              | 31.9  | 26.8      | 40.5  | 37.3      |
| Wholesale and retail trade          | 1,531                | 579               | 519           | 193            | 239               | 14.2                              | 35.7  | 37.9      | 29.5  | 28.2      |
| Finance and service industries      | 1,812                | 681               | 691           | 171            | 269               | 13.4                              | 37.6  | 37.6      | 25.7  | 24.3      |
| Public administration               | 245                  | 68                | 77            | 35             | 65                | 20.3                              | 29.7  | 27.8      | 27.4  | 40.7      |
| No previous work experience         | 1,001                | 401               | 467           | 41             | 92                | 10.9                              | 36.9  | 40.1      | 11.4  | 13.3      |

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

## A-20. Employed persons by sex and age

[In thousands]

| Age and type of industry   | Total     |           | Males     |           | Females   |           |
|----------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
|                            | Aug. 1975 | Aug. 1976 | Aug. 1975 | Aug. 1976 | Aug. 1975 | Aug. 1976 |
| All industries             | 86,613    | 89,367    | 52,915    | 54,196    | 33,698    | 35,171    |
| 16 to 19 years             | 8,437     | 8,772     | 4,665     | 4,889     | 3,772     | 3,883     |
| 16 to 17 years             | 3,637     | 3,763     | 2,059     | 2,153     | 1,578     | 1,609     |
| 18 to 19 years             | 4,800     | 5,009     | 2,606     | 2,736     | 2,194     | 2,273     |
| 20 to 24 years             | 12,299    | 12,895    | 6,806     | 7,193     | 5,493     | 5,702     |
| 25 to 54 years             | 52,475    | 54,238    | 32,925    | 33,632    | 19,550    | 20,605    |
| 25 to 34 years             | 20,565    | 21,864    | 13,074    | 13,655    | 7,491     | 8,209     |
| 35 to 44 years             | 15,745    | 16,174    | 9,855     | 9,998     | 5,890     | 6,176     |
| 45 to 54 years             | 16,165    | 16,200    | 9,996     | 9,979     | 6,169     | 6,220     |
| 55 to 64 years             | 10,671    | 10,806    | 6,715     | 6,760     | 3,956     | 4,045     |
| 55 to 59 years             | 6,515     | 6,639     | 4,037     | 4,112     | 2,478     | 2,527     |
| 60 to 64 years             | 4,156     | 4,166     | 2,678     | 2,648     | 1,478     | 1,518     |
| 65 years and over          | 2,729     | 2,658     | 1,804     | 1,722     | 925       | 936       |
| Nonagricultural industries | 82,726    | 85,525    | 49,809    | 51,118    | 32,917    | 34,406    |
| 16 to 19 years             | 7,757     | 8,093     | 4,138     | 4,342     | 3,619     | 3,751     |
| 16 to 17 years             | 3,226     | 3,365     | 1,743     | 1,825     | 1,483     | 1,539     |
| 18 to 19 years             | 4,531     | 4,728     | 2,395     | 2,517     | 2,136     | 2,211     |
| 20 to 24 years             | 11,885    | 12,444    | 6,460     | 6,829     | 5,425     | 5,615     |
| 25 to 54 years             | 50,623    | 52,414    | 31,497    | 32,224    | 19,126    | 20,191    |
| 25 to 34 years             | 19,997    | 21,251    | 12,623    | 13,164    | 7,374     | 8,087     |
| 35 to 44 years             | 15,162    | 15,663    | 9,426     | 9,612     | 5,736     | 6,052     |
| 45 to 54 years             | 15,464    | 15,500    | 9,448     | 9,448     | 6,016     | 6,052     |
| 55 to 64 years             | 10,078    | 10,245    | 6,214     | 6,291     | 3,863     | 3,954     |
| 55 to 59 years             | 6,199     | 6,335     | 3,779     | 3,864     | 2,420     | 2,471     |
| 60 to 64 years             | 3,878     | 3,910     | 2,435     | 2,427     | 1,443     | 1,483     |
| 65 years and over          | 2,383     | 2,328     | 1,500     | 1,432     | 883       | 897       |
| Agriculture                | 3,887     | 3,842     | 3,106     | 3,078     | 781       | 765       |
| 16 to 19 years             | 680       | 679       | 527       | 547       | 153       | 132       |
| 16 to 17 years             | 411       | 398       | 317       | 328       | 95        | 70        |
| 18 to 19 years             | 269       | 281       | 211       | 219       | 58        | 62        |
| 20 to 24 years             | 414       | 451       | 346       | 363       | 68        | 88        |
| 25 to 54 years             | 1,853     | 1,823     | 1,429     | 1,408     | 425       | 414       |
| 25 to 34 years             | 569       | 613       | 452       | 491       | 117       | 122       |
| 35 to 44 years             | 583       | 510       | 429       | 386       | 154       | 124       |
| 45 to 54 years             | 701       | 700       | 548       | 531       | 154       | 168       |
| 55 to 64 years             | 594       | 560       | 501       | 469       | 93        | 92        |
| 55 to 59 years             | 316       | 304       | 258       | 248       | 58        | 56        |
| 60 to 64 years             | 277       | 256       | 243       | 221       | 35        | 36        |
| 65 years and over          | 346       | 329       | 303       | 290       | 42        | 39        |

# HOUSEHOLD DATA

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

[In thousands]

| Occupation   | Total     |           | Males, 20 years and over |           | Females, 20 years and over |           | Males, 16-19 years |           | Females, 16-19 years |           |
|--|-----------|-----------|--------------------------|-----------|----------------------------|-----------|--------------------|-----------|----------------------|-----------|
|  | Aug. 1975 | Aug. 1976 | Aug. 1975                | Aug. 1976 | Aug. 1975                  | Aug. 1976 | Aug. 1975          | Aug. 1976 | Aug. 1975            | Aug. 1976 |
| <b>TOTAL</b> .....   | 86,612    | 89,367    | 48,250                   | 49,307    | 29,925                     | 31,288    | 4,665              | 4,889     | 3,772                | 3,883     |
| <b>White-collar workers</b> .....                              | 42,224    | 43,441    | 20,622                   | 20,840    | 19,111                     | 20,065    | 679                | 747       | 1,813                | 1,788     |
| Professional and technical .....                               | 12,418    | 12,981    | 7,234                    | 7,454     | 4,933                      | 5,272     | 127                | 133       | 125                  | 122       |
| Health workers .....   | 2,202     | 2,335     | 735                      | 767       | 1,433                      | 1,552     | 10                 | 3         | 23                   | 14        |
| Teachers, except college .....                                 | 2,540     | 2,563     | 700                      | 662       | 1,825                      | 1,867     | 6                  | 7         | 10                   | 27        |
| Other professional and technical .....                         | 7,676     | 8,083     | 5,799                    | 6,025     | 1,675                      | 1,853     | 111                | 123       | 92                   | 81        |
| Managers and administrators, except farm .....                 | 9,107     | 9,421     | 7,189                    | 7,359     | 1,832                      | 1,963     | 54                 | 80        | 32                   | 18        |
| Salaried workers .....   | 7,288     | 7,585     | 5,750                    | 5,927     | 1,456                      | 1,566     | 50                 | 74        | 31                   | 18        |
| Self-employed workers in retail trade .....                    | 909       | 952       | 678                      | 696       | 229                        | 256       | 2                  | 1         | 1                    | --        |
| Self-employed workers, except retail trade .....               | 909       | 884       | 760                      | 736       | 147                        | 141       | 2                  | 5         | --                   | 1         |
| Sales workers .....  | 5,563     | 5,593     | 3,042                    | 2,926     | 1,946                      | 2,006     | 214                | 261       | 361                  | 400       |
| Retail trade .....   | 3,075     | 3,087     | 1,011                    | 934       | 1,552                      | 1,578     | 173                | 216       | 339                  | 359       |
| Other industries .....   | 2,489     | 2,506     | 2,031                    | 1,992     | 394                        | 428       | 41                 | 45        | 23                   | 41        |
| Clerical workers .....   | 15,136    | 15,446    | 3,157                    | 3,101     | 10,400                     | 10,824    | 284                | 273       | 1,294                | 1,249     |
| Stenographers, typists, and secretaries .....                  | 4,320     | 4,446     | 50                       | 77        | 3,842                      | 3,990     | 13                 | 13        | 415                  | 366       |
| Other clerical workers .....                                   | 10,816    | 11,000    | 3,107                    | 3,024     | 6,558                      | 6,834     | 271                | 260       | 879                  | 883       |
| <b>Blue-collar workers</b> .....                               | 29,240    | 30,180    | 21,791                   | 22,409    | 4,460                      | 4,660     | 2,609              | 2,625     | 378                  | 486       |
| Craft and kindred workers .....                                | 11,445    | 11,656    | 10,462                   | 10,610    | 467                        | 492       | 474                | 503       | 41                   | 51        |
| Carpenters .....   | 1,072     | 1,106     | 1,006                    | 1,026     | 3                          | 9         | 61                 | 68        | 2                    | 2         |
| Construction craft, except carpenters .....                    | 2,483     | 2,582     | 2,276                    | 2,396     | 29                         | 25        | 171                | 152       | 7                    | 9         |
| Mechanics and repairers .....                                  | 2,967     | 3,078     | 2,795                    | 2,869     | 19                         | 30        | 151                | 173       | 3                    | 7         |
| Metal craft .....  | 1,095     | 1,139     | 1,059                    | 1,069     | 13                         | 40        | 23                 | 28        | --                   | 2         |
| Blue-collar worker supervisors, not elsewhere classified ..... | 1,461     | 1,459     | 1,319                    | 1,353     | 129                        | 98        | 8                  | 7         | 6                    | 1         |
| All other .....  | 2,366     | 2,292     | 2,007                    | 1,897     | 274                        | 290       | 61                 | 76        | 25                   | 29        |
| Operatives, except transport .....                             | 9,901     | 10,372    | 5,414                    | 5,680     | 3,571                      | 3,723     | 688                | 674       | 227                  | 294       |
| Durable goods manufacturing .....                              | 4,221     | 4,672     | 2,732                    | 2,946     | 1,232                      | 1,408     | 210                | 225       | 47                   | 92        |
| Nondurable goods manufacturing .....                           | 3,229     | 3,228     | 1,214                    | 1,240     | 1,761                      | 1,733     | 137                | 115       | 118                  | 141       |
| Other industries .....   | 2,451     | 2,472     | 1,468                    | 1,494     | 578                        | 582       | 341                | 334       | 62                   | 61        |
| Transport equipment operatives .....                           | 3,275     | 3,286     | 2,875                    | 2,898     | 145                        | 158       | 231                | 209       | 23                   | 21        |
| Drivers, motor vehicles .....                                  | 2,768     | 2,728     | 2,411                    | 2,396     | 142                        | 140       | 196                | 174       | 19                   | 18        |
| All other .....  | 507       | 558       | 465                      | 502       | 4                          | 18        | 35                 | 35        | 4                    | 3         |
| Nonfarm laborers .....   | 4,619     | 4,866     | 3,040                    | 3,211     | 276                        | 287       | 1,215              | 1,239     | 87                   | 120       |
| Construction .....   | 840       | 865       | 608                      | 649       | 1                          | 14        | 222                | 195       | 9                    | 6         |
| Manufacturing .....  | 1,072     | 1,142     | 801                      | 879       | 112                        | 109       | 145                | 151       | 14                   | 4         |
| Other industries .....   | 2,706     | 2,859     | 1,631                    | 1,693     | 163                        | 163       | 848                | 893       | 64                   | 110       |
| <b>Service workers</b> .....                                   | 11,784    | 12,452    | 3,560                    | 3,857     | 5,837                      | 6,034     | 934                | 1,048     | 1,454                | 1,512     |
| Private household workers .....                                | 1,170     | 1,104     | 16                       | 11        | 848                        | 813       | 12                 | 12        | 294                  | 267       |
| Service workers, except private household .....                | 10,615    | 11,348    | 3,544                    | 3,846     | 4,989                      | 5,221     | 922                | 1,036     | 1,160                | 1,245     |
| Food service workers .....                                     | 3,696     | 4,146     | 658                      | 781       | 1,860                      | 2,005     | 487                | 565       | 691                  | 794       |
| Protective service workers .....                               | 1,303     | 1,302     | 1,209                    | 1,215     | 63                         | 53        | 26                 | 22        | 5                    | 12        |
| All other .....  | 5,616     | 5,900     | 1,677                    | 1,850     | 3,066                      | 3,163     | 409                | 449       | 464                  | 439       |
| <b>Farm workers</b> .....                                      | 3,364     | 3,295     | 2,277                    | 2,200     | 518                        | 530       | 443                | 469       | 127                  | 96        |
| Farmers and farm managers .....                                | 1,641     | 1,630     | 1,511                    | 1,503     | 107                        | 95        | 21                 | 24        | 3                    | 8         |
| Farm laborers and supervisors .....                            | 1,723     | 1,665     | 766                      | 697       | 411                        | 435       | 422                | 445       | 124                  | 88        |
| Paid workers .....   | 1,231     | 1,230     | 695                      | 655       | 150                        | 173       | 299                | 342       | 87                   | 60        |
| Unpaid family workers .....                                    | 492       | 435       | 71                       | 42        | 261                        | 262       | 123                | 103       | 37                   | 28        |

# HOUSEHOLD DATA

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

[Percent distribution]

| Occupation and race                      | Total     |           | Males     |           | Females   |           |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
|  | Aug. 1975 | Aug. 1976 | Aug. 1975 | Aug. 1976 | Aug. 1975 | Aug. 1976 |
| <b>TOTAL</b>                             |           |           |           |           |           |           |
| Total employed (thousands)               | 86,612    | 89,367    | 52,915    | 54,196    | 33,696    | 35,171    |
| Percent                                  | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     |
| White-collar workers                     | 48.8      | 48.6      | 40.3      | 39.8      | 62.1      | 62.1      |
| Professional and technical               | 14.3      | 14.5      | 13.9      | 14.0      | 15.0      | 15.3      |
| Managers and administrators, except farm | 10.5      | 10.5      | 13.7      | 13.7      | 5.5       | 5.6       |
| Sales workers                            | 6.4       | 6.3       | 6.2       | 5.9       | 6.8       | 6.8       |
| Clerical workers                         | 17.5      | 17.3      | 6.5       | 6.2       | 34.7      | 34.3      |
| Blue-collar workers                      | 33.8      | 33.8      | 46.1      | 46.2      | 14.4      | 14.6      |
| Craft and kindred workers                | 13.2      | 13.0      | 20.7      | 20.5      | 1.5       | 1.5       |
| Operatives, except transport             | 11.4      | 11.6      | 11.5      | 11.7      | 11.3      | 11.4      |
| Transport equipment operatives           | 3.8       | 3.7       | 5.9       | 5.7       | .5        | .5        |
| Nonfarm laborers                         | 5.3       | 5.4       | 8.0       | 8.2       | 1.1       | 1.2       |
| Service workers                          | 13.6      | 13.9      | 8.5       | 9.1       | 21.6      | 21.5      |
| Private household workers                | 1.4       | 1.2       | .1        | (1)       | 3.4       | 3.1       |
| Other service workers                    | 12.3      | 12.7      | 8.4       | 9.0       | 18.2      | 18.4      |
| Farm workers                             | 3.9       | 3.7       | 5.1       | 4.9       | 1.9       | 1.8       |
| Farmers and farm managers                | 1.9       | 1.8       | 2.9       | 2.8       | .3        | .3        |
| Farm laborers and supervisors            | 2.0       | 1.9       | 2.2       | 2.1       | 1.6       | 1.5       |
| <b>White</b>                             |           |           |           |           |           |           |
| Total employed (thousands)               | 77,217    | 79,604    | 47,723    | 48,854    | 29,494    | 30,751    |
| Percent                                  | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     |
| White-collar workers                     | 50.5      | 50.4      | 41.8      | 41.5      | 64.6      | 64.5      |
| Professional and technical               | 14.6      | 14.9      | 14.3      | 14.5      | 15.2      | 15.6      |
| Managers and administrators, except farm | 11.3      | 11.3      | 14.5      | 14.6      | 6.0       | 6.0       |
| Sales workers                            | 6.9       | 6.7       | 6.6       | 6.3       | 7.4       | 7.4       |
| Clerical workers                         | 17.7      | 17.5      | 6.4       | 6.2       | 36.0      | 35.5      |
| Blue-collar workers                      | 33.3      | 33.2      | 45.3      | 45.2      | 13.9      | 14.1      |
| Craft and kindred workers                | 13.8      | 13.6      | 21.3      | 21.1      | 1.5       | 1.6       |
| Operatives, except transport             | 11.0      | 11.1      | 11.2      | 11.2      | 10.7      | 10.9      |
| Transport equipment operatives           | 3.6       | 3.5       | 5.5       | 5.4       | .5        | .5        |
| Nonfarm laborers                         | 4.9       | 5.0       | 7.3       | 7.5       | 1.1       | 1.1       |
| Service workers                          | 12.2      | 12.6      | 7.6       | 8.2       | 19.6      | 19.5      |
| Private household workers                | 1.0       | .9        | (1)       | (1)       | 2.5       | 2.2       |
| Other service workers                    | 11.2      | 11.7      | 7.6       | 8.2       | 17.2      | 17.3      |
| Farm workers                             | 4.0       | 3.8       | 5.3       | 5.1       | 1.9       | 1.8       |
| Farmers and farm managers                | 2.0       | 2.0       | 3.1       | 3.0       | .4        | .3        |
| Farm laborers and supervisors            | 2.0       | 1.8       | 2.2       | 2.0       | 1.5       | 1.5       |
| <b>Black and other</b>                   |           |           |           |           |           |           |
| Total employed (thousands)               | 9,395     | 9,763     | 5,192     | 5,343     | 4,203     | 4,420     |
| Percent                                  | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     | 100.0     |
| White-collar workers                     | 34.5      | 34.0      | 26.3      | 24.5      | 44.6      | 45.4      |
| Professional and technical               | 11.8      | 11.3      | 10.2      | 9.6       | 13.8      | 13.5      |
| Managers and administrators, except farm | 4.3       | 4.6       | 5.9       | 5.7       | 2.4       | 3.1       |
| Sales workers                            | 2.6       | 2.5       | 2.4       | 2.3       | 2.9       | 2.8       |
| Clerical workers                         | 15.7      | 15.5      | 7.8       | 6.9       | 25.5      | 26.0      |
| Blue-collar workers                      | 37.5      | 38.3      | 53.4      | 55.2      | 17.7      | 18.0      |
| Craft and kindred workers                | 8.7       | 8.6       | 14.8      | 14.9      | 1.3       | 1.0       |
| Operatives, except transport             | 14.9      | 15.9      | 14.8      | 16.4      | 15.0      | 15.3      |
| Transport equipment operatives           | 5.2       | 4.8       | 9.2       | 8.6       | .4        | .3        |
| Nonfarm laborers                         | 8.6       | 9.0       | 14.7      | 15.3      | 1.0       | 1.3       |
| Service workers                          | 25.1      | 24.9      | 16.5      | 16.6      | 35.7      | 34.9      |
| Private household workers                | 4.5       | 4.2       | .2        | .1        | 9.9       | 9.2       |
| Other service workers                    | 20.6      | 20.7      | 16.4      | 16.5      | 25.9      | 25.7      |
| Farm workers                             | 2.9       | 2.8       | 3.7       | 3.7       | 2.0       | 1.7       |
| Farmers and farm managers                | .8        | .5        | 1.3       | 1.0       | (1)       | --        |
| Farm laborers and supervisors            | 2.2       | 2.2       | 2.4       | 2.7       | 1.9       | 1.7       |

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

# HOUSEHOLD DATA

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

(In thousands)

| Age and sex                | August 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  |               |                       |                         |               |                       |
| Total, 16 years and over   | 79,341                     | 1,409                     | 14,658     | 63,274 | 5,719         | 464                   | 1,604                   | 1,776         | 462                   |
| 16 to 19 years             | 7,945                      | 426                       | 854        | 6,665  | 92            | 57                    | 491                     | 51            | 137                   |
| 16 to 17 years             | 3,292                      | 341                       | 369        | 2,582  | 37            | 36                    | 293                     | 24            | 81                    |
| 18 to 19 years             | 4,653                      | 85                        | 484        | 4,084  | 55            | 21                    | 198                     | 28            | 56                    |
| 20 to 24 years             | 12,135                     | 86                        | 1,725      | 10,325 | 286           | 22                    | 298                     | 115           | 39                    |
| 25 to 34 years             | 19,987                     | 140                       | 3,985      | 15,862 | 1,191         | 73                    | 307                     | 247           | 59                    |
| 35 to 44 years             | 14,298                     | 150                       | 2,896      | 11,251 | 1,264         | 102                   | 167                     | 284           | 59                    |
| 45 to 54 years             | 14,003                     | 178                       | 2,984      | 10,842 | 1,378         | 119                   | 155                     | 448           | 96                    |
| 55 to 64 years             | 9,167                      | 250                       | 1,921      | 6,996  | 1,014         | 65                    | 121                     | 387           | 53                    |
| 55 to 59 years             | 5,712                      | 121                       | 1,241      | 4,350  | 586           | 38                    | 61                      | 212           | 31                    |
| 60 to 64 years             | 3,455                      | 129                       | 680        | 2,646  | 428           | 27                    | 60                      | 175           | 21                    |
| 65 years and over          | 1,807                      | 179                       | 294        | 1,334  | 494           | 27                    | 65                      | 245           | 20                    |
| Males, 16 years and over   | 46,871                     | 262                       | 7,649      | 38,960 | 4,186         | 61                    | 1,277                   | 1,648         | 154                   |
| 16 to 19 years             | 4,250                      | 144                       | 428        | 3,678  | 59            | 33                    | 400                     | 42            | 106                   |
| 16 to 17 years             | 1,785                      | 124                       | 202        | 1,459  | 19            | 22                    | 248                     | 20            | 60                    |
| 18 to 19 years             | 2,465                      | 20                        | 226        | 2,219  | 40            | 11                    | 152                     | 22            | 45                    |
| 20 to 24 years             | 6,632                      | 23                        | 747        | 5,863  | 189           | 8                     | 232                     | 110           | 22                    |
| 25 to 34 years             | 12,313                     | 12                        | 2,065      | 10,237 | 847           | 4                     | 246                     | 230           | 15                    |
| 35 to 44 years             | 8,682                      | 12                        | 1,524      | 7,146  | 926           | 4                     | 123                     | 260           | 3                     |
| 45 to 54 years             | 8,401                      | 17                        | 1,602      | 6,782  | 1,045         | 2                     | 114                     | 414           | 3                     |
| 55 to 64 years             | 5,534                      | 22                        | 1,106      | 4,406  | 753           | 4                     | 107                     | 360           | 2                     |
| 55 to 59 years             | 3,424                      | 10                        | 714        | 2,700  | 440           | --                    | 53                      | 195           | 1                     |
| 60 to 64 years             | 2,109                      | 12                        | 392        | 1,705  | 313           | 5                     | 54                      | 165           | 1                     |
| 65 years and over          | 1,059                      | 32                        | 177        | 850    | 367           | 5                     | 54                      | 233           | 3                     |
| Females, 16 years and over | 32,470                     | 1,147                     | 7,009      | 24,314 | 1,533         | 403                   | 327                     | 129           | 309                   |
| 16 to 19 years             | 3,695                      | 281                       | 425        | 2,988  | 33            | 23                    | 91                      | 10            | 31                    |
| 16 to 17 years             | 1,507                      | 217                       | 167        | 1,123  | 18            | 14                    | 45                      | 4             | 21                    |
| 18 to 19 years             | 2,187                      | 65                        | 258        | 1,865  | 15            | 9                     | 46                      | 6             | 11                    |
| 20 to 24 years             | 5,503                      | 63                        | 978        | 4,462  | 97            | 15                    | 66                      | 5             | 17                    |
| 25 to 34 years             | 7,674                      | 129                       | 1,920      | 5,625  | 344           | 69                    | 61                      | 17            | 44                    |
| 35 to 44 years             | 5,616                      | 138                       | 1,372      | 4,105  | 338           | 98                    | 44                      | 25            | 55                    |
| 45 to 54 years             | 5,602                      | 161                       | 1,382      | 4,060  | 333           | 117                   | 42                      | 34            | 93                    |
| 55 to 64 years             | 3,633                      | 228                       | 815        | 2,590  | 260           | 61                    | 14                      | 27            | 51                    |
| 55 to 59 years             | 2,287                      | 111                       | 527        | 1,650  | 146           | 38                    | 8                       | 17            | 31                    |
| 60 to 64 years             | 1,345                      | 117                       | 288        | 940    | 114           | 23                    | 6                       | 9             | 20                    |
| 65 years and over          | 748                        | 147                       | 117        | 484    | 127           | 22                    | 10                      | 12            | 17                    |

## A-24. Employed persons by industry and occupation

(In thousands)

| Industry                            | August 1976    |                                    |  |               |                  |                           |                              |                                |                  |                           |                       |              |
|-------------------------------------|----------------|------------------------------------|--|---------------|------------------|---------------------------|------------------------------|--------------------------------|------------------|---------------------------|-----------------------|--------------|
|                                     | Total employed | White-collar workers               |  |               |                  | Blue-collar workers       |                              |                                |                  | Service workers           |                       | Farm workers |
|                                     |                | Professional and technical workers | Managers and administrators, except farm | Sales workers | Clerical workers | Craft and kindred workers | Operatives, except transport | Transport equipment operatives | Nonfarm laborers | Private household workers | Other service workers |              |
| Agriculture                         | 3,842          | 78                                 | 26                                       | 8             | 64               | 49                        | 11                           | 40                             | 257              | --                        | 15                    | 3,295        |
| Mining                              | 761            | 85                                 | 66                                       | 1             | 75               | 218                       | 247                          | 46                             | 12               | --                        | 10                    | --           |
| Construction                        | 5,672          | 187                                | 618                                      | 7             | 406              | 3,146                     | 257                          | 159                            | 865              | --                        | 27                    | --           |
| Manufacturing                       | 20,401         | 2,063                              | 1,355                                    | 430           | 2,471            | 3,823                     | 7,900                        | 764                            | 1,142            | --                        | 454                   | --           |
| Durable goods                       | 12,203         | 1,357                              | 797                                      | 162           | 1,424            | 2,504                     | 4,671                        | 365                            | 678              | --                        | 244                   | --           |
| Nondurable goods                    | 8,198          | 706                                | 557                                      | 267           | 1,047            | 1,319                     | 3,228                        | 399                            | 464              | --                        | 210                   | --           |
| Transportation and public utilities | 5,670          | 484                                | 569                                      | 38            | 1,229            | 1,276                     | 134                          | 1,285                          | 483              | --                        | 172                   | --           |
| Wholesale and retail trade          | 18,529         | 386                                | 3,485                                    | 3,929         | 3,171            | 1,461                     | 1,045                        | 725                            | 1,062            | --                        | 3,264                 | --           |
| Wholesale trade                     | 3,596          | 145                                | 706                                      | 842           | 787              | 332                       | 164                          | 365                            | 227              | --                        | 27                    | --           |
| Retail trade                        | 14,934         | 240                                | 2,779                                    | 3,087         | 2,385            | 1,129                     | 881                          | 360                            | 835              | --                        | 3,237                 | --           |
| Finance, insurance, and real estate | 4,847          | 240                                | 945                                      | 1,036         | 2,117            | 112                       | 1                            | 6                              | 116              | --                        | 273                   | --           |
| Services                            | 24,697         | 8,542                              | 1,729                                    | 141           | 492              | 1,265                     | 724                          | 210                            | 700              | 1,104                     | 6,092                 | --           |
| Private households                  | 1,433          | 6                                  | --                                       | --            | 11               | 5                         | --                           | 3                              | 243              | 1,104                     | 63                    | --           |
| Other service industries            | 23,264         | 8,536                              | 1,729                                    | 141           | 4,811            | 1,260                     | 724                          | 207                            | 457              | --                        | 6,029                 | --           |
| Public administration               | 4,948          | 917                                | 627                                      | 3             | 1,721            | 305                       | 52                           | 52                             | 229              | --                        | 1,040                 | --           |

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

[In thousands]

| Reason not working                   | All industries |        | Nonagricultural industries |           |                                      |       |                            |           |
|--------------------------------------|----------------|--------|----------------------------|-----------|--------------------------------------|-------|----------------------------|-----------|
|                                      |                |        | Total                      |           | Wage and salary workers <sup>1</sup> |       |                            |           |
|                                      | Aug. 1975      |        |                            |           | Aug. 1976                            |       | Paid absences <sup>2</sup> |           |
|                                      |                |        | Aug. 1975                  | Aug. 1976 |                                      |       | Aug. 1975                  | Aug. 1976 |
| Total .....                          | 10,989         | 11,347 | 10,787                     | 11,174    | 6,315                                | 6,245 | 3,796                      | 4,216     |
| Vacation .....                       | 8,753          | 8,924  | 8,640                      | 8,831     | 5,667                                | 5,596 | 2,564                      | 2,814     |
| Illness .....                        | 1,272          | 1,310  | 1,235                      | 1,274     | 498                                  | 456   | 640                        | 707       |
| Bad weather .....                    | 20             | 40     | 12                         | 24        | --                                   | --    | --                         | --        |
| Industrial dispute .....             | 96             | 168    | 96                         | 168       | --                                   | --    | --                         | --        |
| All other reasons .....              | 847            | 906    | 804                        | 877       | 151                                  | 193   | 592                        | 694       |
| <b>Males</b> .....                   | 5,544          | 5,622  | 5,368                      | 5,488     | 3,653                                | 3,649 | 1,342                      | 1,466     |
| Vacation .....                       | 4,255          | 4,302  | 4,156                      | 4,223     | 3,223                                | 3,249 | 714                        | 775       |
| Illness .....                        | 787            | 737    | 753                        | 708       | 338                                  | 287   | 358                        | 360       |
| All other reasons <sup>3</sup> ..... | 502            | 583    | 459                        | 557       | 92                                   | 113   | 269                        | 331       |
| <b>Females</b> .....                 | 5,445          | 5,725  | 5,419                      | 5,686     | 2,661                                | 2,597 | 2,455                      | 2,749     |
| Vacation .....                       | 4,498          | 4,622  | 4,484                      | 4,608     | 2,442                                | 2,348 | 1,851                      | 2,039     |
| Illness .....                        | 485            | 573    | 482                        | 566       | 160                                  | 169   | 281                        | 347       |
| All other reasons <sup>3</sup> ..... | 462            | 530    | 453                        | 512       | 59                                   | 80    | 323                        | 363       |

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

| Hours of work                                       | August 1976          |                             |              |                      |                             |              |
|---|----------------------|-----------------------------|--------------|----------------------|-----------------------------|--------------|
|   | Thousands of persons |                             |              | Percent distribution |                             |              |
|   | All industries       | Nonagri-cultural industries | Agri-culture | All industries       | Nonagri-cultural industries | Agri-culture |
| Total at work .....                                 | 78,020               | 74,350                      | 3,670        | 100.0                | 100.0                       | 100.0        |
| 1-34 hours .....                                    | 16,837               | 15,778                      | 1,059        | 21.6                 | 21.2                        | 28.9         |
| 1-4 hours .....                                     | 666                  | 622                         | 44           | .9                   | .8                          | 1.2          |
| 5-14 hours .....                                    | 2,808                | 2,577                       | 231          | 3.6                  | 3.5                         | 6.3          |
| 15-29 hours .....                                   | 8,352                | 7,792                       | 560          | 10.7                 | 10.5                        | 15.3         |
| 30-34 hours .....                                   | 5,011                | 4,787                       | 224          | 6.4                  | 6.4                         | 6.1          |
| 35 hours and over .....                             | 61,184               | 58,573                      | 2,612        | 78.4                 | 78.8                        | 71.2         |
| 35-39 hours .....                                   | 5,586                | 5,432                       | 154          | 7.2                  | 7.3                         | 4.2          |
| 40 hours .....                                      | 34,695               | 34,109                      | 586          | 44.5                 | 45.9                        | 16.0         |
| 41 hours and over .....                             | 20,903               | 19,032                      | 1,872        | 26.8                 | 25.6                        | 51.0         |
| 41 to 48 hours .....                                | 8,053                | 7,778                       | 276          | 10.3                 | 10.5                        | 7.5          |
| 49 to 59 hours .....                                | 6,921                | 6,457                       | 464          | 8.9                  | 8.7                         | 12.6         |
| 60 hours and over .....                             | 5,929                | 4,797                       | 1,132        | 7.6                  | 6.5                         | 30.8         |
| Average hours, total at work .....                  | 39.6                 | 39.3                        | 45.8         | --                   | --                          | --           |
| Average hours, workers on full-time schedules ..... | 43.3                 | 42.8                        | 54.2         | --                   | --                          | --           |

## HOUSEHOLD DATA

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

[Numbers in thousands]

| Reason for working less than 35 hours                      | August 1976    |                        |                        |                            |                        |                        |
|--|----------------|------------------------|------------------------|----------------------------|------------------------|------------------------|
|  | All industries |                        |                        | Nonagricultural industries |                        |                        |
|  | Total          | Usually work full time | Usually work part time | Total                      | Usually work full time | Usually work part time |
| <b>Total</b> .....   | 16,837         | 5,845                  | 10,992                 | 15,778                     | 5,495                  | 10,283                 |
| <b>Economic reasons</b> .....                              | 4,044          | 1,555                  | 2,489                  | 3,682                      | 1,384                  | 2,298                  |
| Slack work .....   | 1,586          | 1,066                  | 520                    | 1,368                      | 927                    | 441                    |
| Material shortages or repairs to plant and equipment ..... | 73             | 73                     | --                     | 70                         | 70                     | --                     |
| New job started during week .....                          | 273            | 273                    | --                     | 254                        | 254                    | --                     |
| Job terminated during week .....                           | 143            | 143                    | --                     | 133                        | 133                    | --                     |
| Could find only part-time work .....                       | 1,969          | --                     | 1,969                  | 1,858                      | --                     | 1,858                  |
| <b>Other reasons</b> .....                                 | 12,793         | 4,291                  | 8,502                  | 12,096                     | 4,111                  | 7,985                  |
| Does not want, or unavailable for, full-time work .....    | 6,533          | --                     | 6,533                  | 6,155                      | --                     | 6,155                  |
| Vacation .....   | 1,470          | 1,470                  | --                     | 1,416                      | 1,416                  | --                     |
| Illness .....  | 1,348          | 1,161                  | 187                    | 1,286                      | 1,130                  | 156                    |
| Bad weather .....  | 266            | 266                    | --                     | 235                        | 235                    | --                     |
| Industrial dispute .....                                   | 71             | 71                     | --                     | 71                         | 71                     | --                     |
| Legal or religious holiday .....                           | 56             | 56                     | --                     | 56                         | 56                     | --                     |
| Full time for this job .....                               | 1,269          | --                     | 1,269                  | 1,219                      | --                     | 1,219                  |
| All other reasons .....                                    | 1,781          | 1,267                  | 514                    | 1,658                      | 1,204                  | 454                    |
| <b>Average hours:</b>                                      |                |                        |                        |                            |                        |                        |
| Economic reasons .....                                     | 21.0           | 23.5                   | 19.4                   | 21.1                       | 23.5                   | 19.7                   |
| Other reasons .....  | 21.7           | 25.7                   | 19.7                   | 21.8                       | 25.8                   | 19.7                   |
| <b>Worked 30 to 34 hours:</b>                              |                |                        |                        |                            |                        |                        |
| Economic reasons .....                                     | 1,075          | 603                    | 472                    | 1,000                      | 548                    | 452                    |
| Other reasons .....  | 3,936          | 2,158                  | 1,778                  | 3,787                      | 2,100                  | 1,687                  |

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

[Numbers in thousands]

| Industry                                  | Total at work | August 1976                       |                        |                        |                  |                |                  | Average hours, total at work | Average hours, workers on full-time schedules |
|---|---------------|-----------------------------------|------------------------|------------------------|------------------|----------------|------------------|------------------------------|---|
|   |               | Full- or part-time status         |                        |                        |                  |                |                  |                              |   |
|   |               | 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 |                              |   |
| <b>Total</b> <sup>1</sup> .....           | 74,350        | 3,682                             | 7,985                  | 62,683                 | 43,651           | 7,778          | 11,254           | 39.3                         | 42.8  |
| <b>Wage and salary workers</b> .....      | 68,761        | 3,357                             | 7,031                  | 58,373                 | 41,817           | 7,292          | 9,264            | 39.0                         | 42.3  |
| Construction .....                        | 4,460         | 312                               | 159                    | 3,989                  | 2,927            | 410            | 652              | 39.8                         | 42.0  |
| Manufacturing .....                       | 17,999        | 527                               | 441                    | 17,031                 | 12,180           | 2,462          | 2,389            | 41.0                         | 42.1  |
| Durable goods .....                       | 10,674        | 198                               | 162                    | 10,314                 | 7,346            | 1,485          | 1,483            | 41.5                         | 42.2  |
| Nondurable goods .....                    | 7,324         | 330                               | 279                    | 6,715                  | 4,832            | 977            | 906              | 40.3                         | 42.0  |
| Transportation and public utilities ..... | 4,773         | 121                               | 175                    | 4,477                  | 3,141            | 513            | 823              | 41.9                         | 43.3  |
| Wholesale and retail trade .....          | 15,125        | 1,127                             | 2,742                  | 11,256                 | 7,188            | 1,849          | 2,219            | 37.6                         | 43.2  |
| Finance, insurance, and real estate ..... | 4,080         | 85                                | 325                    | 3,670                  | 2,759            | 370            | 541              | 39.4                         | 41.5  |
| Service industries .....                  | 17,283        | 1,076                             | 2,987                  | 13,220                 | 9,981            | 1,247          | 1,992            | 36.7                         | 42.1  |
| Private households .....                  | 1,290         | 273                               | 610                    | 407                    | 278              | 27             | 102              | 23.9                         | 45.1  |
| All other industries .....                | 15,993        | 803                               | 2,377                  | 12,813                 | 9,703            | 1,220          | 1,890            | 37.7                         | 41.9  |
| Public administration .....               | 4,423         | 98                                | 198                    | 4,127                  | 3,263            | 376            | 488              | 40.4                         | 41.9  |
| <b>Self-employed workers</b> .....        | 5,125         | 315                               | 774                    | 4,036                  | 1,695            | 458            | 1,883            | 42.6                         | 49.6  |
| Unpaid family workers .....               | 464           | 11                                | 180                    | 273                    | 140              | 27             | 106              | 37.7                         | 48.3  |

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

HOUSEHOLD DATA

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

(Numbers in thousands)

| Sex, age, race, and marital status | August 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</b>                       |               |                                   |                        |                        |                  |                  |                              |   |
| Both sexes, 16 years and over      | 74,350        | 3,682                             | 7,985                  | 62,683                 | 43,651           | 19,032           | 39.3                         | 42.8  |
| 16 to 21 years                     | 12,350        | 1,578                             | 2,456                  | 8,316                  | 6,452            | 1,864            | 34.2                         | 40.9  |
| 16 to 19 years                     | 7,625         | 1,219                             | 1,982                  | 4,424                  | 3,501            | 923              | 32.0                         | 40.6  |
| 16 to 17 years                     | 3,143         | 660                               | 1,226                  | 1,257                  | 1,034            | 223              | 27.2                         | 39.6  |
| 18 to 19 years                     | 4,482         | 558                               | 756                    | 3,168                  | 2,467            | 701              | 35.3                         | 41.0  |
| 20 years and over                  | 66,725        | 2,464                             | 6,003                  | 58,258                 | 40,151           | 18,107           | 40.1                         | 43.0  |
| 20 to 24 years                     | 11,422        | 673                               | 927                    | 9,822                  | 7,275            | 2,547            | 39.0                         | 41.7  |
| 25 years and over                  | 55,303        | 1,791                             | 5,076                  | 48,436                 | 32,876           | 15,560           | 40.3                         | 43.3  |
| 25 to 44 years                     | 31,532        | 998                               | 2,383                  | 28,151                 | 18,735           | 9,416            | 40.9                         | 43.3  |
| 45 to 64 years                     | 21,777        | 723                               | 1,792                  | 19,262                 | 13,453           | 5,809            | 40.5                         | 43.1  |
| 65 years and over                  | 1,995         | 69                                | 901                    | 1,025                  | 690              | 335              | 30.3                         | 43.7  |
| <b>Males, 16 years and over</b>    | 45,630        | 1,864                             | 2,308                  | 41,458                 | 26,121           | 15,337           | 41.9                         | 44.1  |
| 16 to 21 years                     | 6,665         | 809                               | 1,041                  | 4,815                  | 3,459            | 1,356            | 35.8                         | 41.8  |
| 16 to 19 years                     | 4,125         | 638                               | 879                    | 2,608                  | 1,947            | 661              | 33.3                         | 41.2  |
| 16 to 17 years                     | 1,714         | 349                               | 559                    | 806                    | 636              | 170              | 28.7                         | 40.0  |
| 18 to 19 years                     | 2,411         | 289                               | 320                    | 1,802                  | 1,310            | 492              | 36.6                         | 41.8  |
| 20 years and over                  | 41,506        | 1,228                             | 1,429                  | 38,849                 | 24,172           | 14,677           | 42.8                         | 44.3  |
| 20 to 24 years                     | 6,397         | 356                               | 303                    | 5,738                  | 3,812            | 1,926            | 41.0                         | 43.1  |
| 25 years and over                  | 35,109        | 872                               | 1,126                  | 33,111                 | 20,360           | 12,751           | 43.1                         | 44.5  |
| 25 to 44 years                     | 20,134        | 506                               | 274                    | 19,354                 | 11,521           | 7,833            | 43.9                         | 44.8  |
| 45 to 64 years                     | 13,720        | 325                               | 339                    | 13,056                 | 8,379            | 4,677            | 43.1                         | 44.3  |
| 65 years and over                  | 1,254         | 41                                | 513                    | 700                    | 459              | 241              | 31.6                         | 43.7  |
| <b>Females, 16 years and over</b>  | 28,720        | 1,818                             | 5,676                  | 21,226                 | 17,533           | 3,693            | 35.0                         | 40.3  |
| 16 to 21 years                     | 5,685         | 769                               | 1,414                  | 3,502                  | 2,994            | 508              | 32.4                         | 39.8  |
| 16 to 19 years                     | 3,500         | 581                               | 1,103                  | 1,816                  | 1,554            | 262              | 30.4                         | 39.8  |
| 16 to 17 years                     | 1,429         | 313                               | 667                    | 449                    | 396              | 53               | 25.3                         | 38.8  |
| 18 to 19 years                     | 2,071         | 269                               | 436                    | 1,366                  | 1,157            | 209              | 33.9                         | 40.1  |
| 20 years and over                  | 25,220        | 1,237                             | 4,574                  | 19,409                 | 15,977           | 3,432            | 35.7                         | 40.3  |
| 20 to 24 years                     | 5,025         | 316                               | 624                    | 4,085                  | 3,464            | 621              | 36.5                         | 39.8  |
| 25 years and over                  | 20,195        | 921                               | 3,950                  | 15,324                 | 12,513           | 2,811            | 35.5                         | 40.4  |
| 25 to 44 years                     | 11,396        | 494                               | 2,109                  | 8,793                  | 7,211            | 1,582            | 35.6                         | 40.2  |
| 45 to 64 years                     | 8,057         | 397                               | 1,453                  | 6,207                  | 5,074            | 1,133            | 36.0                         | 40.6  |
| 65 years and over                  | 742           | 30                                | 387                    | 325                    | 231              | 94               | 28.1                         | 43.6  |
| <b>RACE</b>                        |               |                                   |                        |                        |                  |                  |                              |   |
| White                              | 66,108        | 2,988                             | 7,193                  | 55,927                 | 38,075           | 17,852           | 39.5                         | 43.0  |
| Males                              | 41,022        | 1,492                             | 2,028                  | 37,502                 | 23,059           | 14,443           | 42.3                         | 44.3  |
| Females                            | 25,086        | 1,495                             | 5,165                  | 18,426                 | 15,017           | 3,409            | 35.0                         | 40.4  |
| Black and other                    | 8,243         | 694                               | 792                    | 6,757                  | 5,577            | 1,180            | 37.3                         | 41.1  |
| Males                              | 4,609         | 372                               | 281                    | 3,956                  | 3,062            | 894              | 39.1                         | 42.2  |
| Females                            | 3,634         | 323                               | 511                    | 2,800                  | 2,514            | 286              | 35.1                         | 39.6  |
| <b>MARITAL STATUS</b>              |               |                                   |                        |                        |                  |                  |                              |   |
| <b>Males:</b>                      |               |                                   |                        |                        |                  |                  |                              |   |
| Married, spouse present            | 32,149        | 704                               | 891                    | 30,554                 | 18,560           | 11,994           | 43.4                         | 44.6  |
| Widowed, divorced, or separated    | 3,004         | 155                               | 179                    | 2,670                  | 1,650            | 1,020            | 41.7                         | 44.5  |
| Single (never married)             | 10,477        | 1,006                             | 1,238                  | 8,233                  | 5,909            | 2,324            | 37.5                         | 42.1  |
| <b>Females:</b>                    |               |                                   |                        |                        |                  |                  |                              |   |
| Married, spouse present            | 15,394        | 684                               | 3,392                  | 11,318                 | 9,454            | 1,864            | 34.8                         | 40.1  |
| Widowed, divorced, or separated    | 5,414         | 297                               | 761                    | 4,356                  | 3,449            | 907              | 36.6                         | 40.7  |
| Single (never married)             | 7,912         | 838                               | 1,523                  | 5,551                  | 4,630            | 921              | 34.4                         | 40.2  |

# HOUSEHOLD DATA

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

[Numbers in thousands]

| Occupational group and sex               | August 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                     | 36,749        | 1,058                             | 4,174                  | 31,517                 | 21,507           | 3,562          | 6,448            | 39.9                         | 43.2  |
| Professional and technical               | 9,535         | 237                               | 898                    | 8,400                  | 5,775            | 914            | 1,711            | 40.1                         | 43.0  |
| Managers and administrators, except farm | 8,436         | 89                                | 321                    | 8,026                  | 3,893            | 1,086          | 3,047            | 46.2                         | 47.5  |
| Sales workers                            | 5,069         | 245                               | 1,032                  | 3,792                  | 2,307            | 505            | 980              | 37.8                         | 43.9  |
| Clerical workers                         | 13,709        | 488                               | 1,923                  | 11,298                 | 9,530            | 1,057          | 711              | 36.8                         | 40.1  |
| Blue-collar workers                      | 27,157        | 1,582                             | 1,305                  | 24,270                 | 16,911           | 3,403          | 3,956            | 40.2                         | 42.5  |
| Craft and kindred workers                | 10,472        | 465                               | 281                    | 9,726                  | 6,492            | 1,389          | 1,845            | 41.4                         | 43.0  |
| Operatives, except transport             | 9,307         | 531                               | 327                    | 8,449                  | 6,303            | 1,179          | 967              | 39.9                         | 41.6  |
| Transport equipment operatives           | 2,883         | 120                               | 110                    | 2,653                  | 1,484            | 420            | 749              | 43.3                         | 45.3  |
| Nonfarm laborers                         | 4,494         | 466                               | 587                    | 3,441                  | 2,631            | 416            | 394              | 36.3                         | 41.4  |
| Service workers                          | 10,959        | 1,095                             | 2,585                  | 7,279                  | 5,418            | 859            | 1,002            | 34.7                         | 42.3  |
| Private household                        | 1,001         | 179                               | 494                    | 328                    | 229              | 25             | 74               | 24.5                         | 44.4  |
| Other service workers                    | 9,958         | 916                               | 2,091                  | 6,951                  | 5,190            | 833            | 928              | 35.7                         | 42.2  |
| <b>Males</b>                             |               |                                   |                        |                        |                  |                |                  |                              |   |
| White-collar workers                     | 18,973        | 343                               | 835                    | 17,795                 | 10,139           | 2,317          | 5,339            | 43.9                         | 45.5  |
| Professional and technical               | 6,281         | 110                               | 273                    | 5,898                  | 3,768            | 673            | 1,457            | 42.6                         | 44.2  |
| Managers and administrators, except farm | 6,669         | 60                                | 139                    | 6,470                  | 2,894            | 878            | 2,698            | 47.5                         | 48.3  |
| Sales workers                            | 2,962         | 91                                | 229                    | 2,642                  | 1,393            | 400            | 849              | 42.5                         | 45.3  |
| Clerical workers                         | 3,061         | 82                                | 194                    | 2,785                  | 2,086            | 365            | 334              | 39.8                         | 41.8  |
| Blue-collar workers                      | 22,584        | 1,197                             | 946                    | 20,441                 | 13,755           | 2,934          | 3,752            | 40.9                         | 43.1  |
| Craft and kindred workers                | 10,003        | 425                               | 233                    | 9,345                  | 6,215            | 1,322          | 1,808            | 41.6                         | 43.0  |
| Operatives, except transport             | 5,699         | 239                               | 139                    | 5,321                  | 3,667            | 830            | 824              | 41.5                         | 42.8  |
| Transport equipment operatives           | 2,777         | 110                               | 85                     | 2,582                  | 1,433            | 404            | 745              | 43.7                         | 45.4  |
| Nonfarm laborers                         | 4,106         | 424                               | 490                    | 3,192                  | 2,439            | 378            | 375              | 36.5                         | 41.5  |
| Service workers                          | 4,462         | 361                               | 570                    | 3,531                  | 2,369            | 511            | 651              | 39.0                         | 43.9  |
| Private household                        | 24            | 3                                 | 4                      | 17                     | 9                | 2              | 6                | 37.3                         | 46.8  |
| Other service workers                    | 4,438         | 358                               | 565                    | 3,515                  | 2,359            | 510            | 646              | 39.0                         | 43.9  |
| <b>Females</b>                           |               |                                   |                        |                        |                  |                |                  |                              |   |
| White-collar workers                     | 17,776        | 715                               | 3,338                  | 13,723                 | 11,368           | 1,245          | 1,110            | 35.7                         | 40.3  |
| Professional and technical               | 3,254         | 126                               | 626                    | 2,502                  | 2,007            | 241            | 254              | 35.2                         | 40.3  |
| Managers and administrators, except farm | 1,767         | 27                                | 181                    | 1,559                  | 1,002            | 208            | 349              | 41.2                         | 44.1  |
| Sales workers                            | 2,107         | 155                               | 803                    | 1,149                  | 914              | 105            | 130              | 31.1                         | 40.6  |
| Clerical workers                         | 10,648        | 406                               | 1,729                  | 8,513                  | 7,444            | 692            | 377              | 35.9                         | 39.6  |
| Blue-collar workers                      | 4,573         | 385                               | 359                    | 3,829                  | 3,156            | 469            | 204              | 36.9                         | 39.8  |
| Craft and kindred workers                | 469           | 41                                | 48                     | 380                    | 277              | 66             | 37               | 36.5                         | 41.4  |
| Operatives, except transport             | 3,609         | 293                               | 188                    | 3,128                  | 2,635            | 349            | 144              | 37.4                         | 39.6  |
| Transport equipment operatives           | 107           | 10                                | 25                     | 72                     | 51               | 16             | 5                | 33.4                         | 40.3  |
| Nonfarm laborers                         | 388           | 43                                | 97                     | 248                    | 191              | 38             | 19               | 33.5                         | 40.3  |
| Service workers                          | 6,497         | 733                               | 2,016                  | 3,748                  | 3,050            | 347            | 351              | 31.8                         | 40.8  |
| Private household                        | 978           | 176                               | 490                    | 312                    | 220              | 24             | 68               | 24.2                         | 44.3  |
| Other service workers                    | 5,520         | 556                               | 1,526                  | 3,438                  | 2,832            | 323            | 283              | 33.1                         | 40.4  |



**HOUSEHOLD DATA**

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

[Numbers in thousands]

| Employment status                          | August 1976 |       |         |            |       |         |                 |       |         |
|--|-------------|-------|---------|------------|-------|---------|-----------------|-------|---------|
|  | Total       |       |         | White      |       |         | Black and other |       |         |
|  | Both sexes  | Males | Females | Both sexes | Males | Females | Both sexes      | Males | Females |
| Civilian noninstitutional population ..... | 8,428       | 4,290 | 4,139   | 7,110      | 3,628 | 3,482   | 1,318           | 662   | 656     |
| Civilian labor force .....                 | 2,222       | 1,300 | 923     | 1,943      | 1,128 | 815     | 279             | 171   | 108     |
| Employed .....                             | 1,963       | 1,145 | 817     | 1,760      | 1,020 | 740     | 202             | 125   | 77      |
| Agriculture .....                          | 372         | 301   | 72      | 332        | 268   | 63      | 40              | 32    | 8       |
| Nonagricultural industries .....           | 1,590       | 845   | 746     | 1,429      | 752   | 677     | 162             | 93    | 69      |
| Unemployed .....                           | 260         | 154   | 105     | 183        | 108   | 75      | 77              | 46    | 31      |
| Unemployment rate .....                    | 11.7        | 11.9  | 11.4    | 9.4        | 9.6   | 9.2     | 27.6            | 26.9  | 28.7    |
| Not in labor force .....                   | 6,206       | 2,990 | 3,216   | 5,167      | 2,500 | 2,667   | 1,039           | 490   | 548     |
| Keeping house .....                        | 373         | 22    | 352     | 300        | 19    | 281     | 73              | 2     | 71      |
| Going to school .....                      | 351         | 172   | 179     | 280        | 134   | 146     | 71              | 38    | 33      |
| Unable to work .....                       | 13          | 6     | 7       | 13         | 6     | 7       | --              | --    | --      |
| All other reasons .....                    | 5,468       | 2,791 | 2,678   | 4,574      | 2,340 | 2,234   | 895             | 450   | 444     |

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

| Characteristics                                | August 1976          |       |         |                      |       |         |
|--|----------------------|-------|---------|----------------------|-------|---------|
|  | Thousands of persons |       |         | Percent distribution |       |         |
|  | Both sexes           | Males | Females | Both sexes           | Males | Females |
| <b>CLASS OF WORKER</b>                         |                      |       |         |                      |       |         |
| Total .....                                    | 1,963                | 1,145 | 817     | 100.0                | 100.0 | 100.0   |
| Nonagricultural industries .....               | 1,590                | 845   | 746     | 81.0                 | 73.8  | 91.3    |
| Wage and salary workers .....                  | 1,482                | 765   | 717     | 75.5                 | 66.9  | 87.6    |
| Private household workers .....                | 590                  | 203   | 387     | 30.1                 | 17.7  | 47.4    |
| Government workers .....                       | 190                  | 101   | 89      | 9.7                  | 8.8   | 10.9    |
| Other wage and salary workers .....            | 702                  | 462   | 240     | 35.8                 | 40.3  | 29.4    |
| Self-employed workers .....                    | 75                   | 59    | 16      | 3.8                  | 5.2   | 2.0     |
| Unpaid family workers .....                    | 34                   | 20    | 14      | 1.7                  | 1.7   | 1.7     |
| Agriculture .....                              | 372                  | 301   | 72      | 19.0                 | 26.2  | 8.8     |
| Wage and salary workers .....                  | 227                  | 183   | 44      | 11.6                 | 16.0  | 5.4     |
| Self-employed workers .....                    | 29                   | 23    | 5       | 1.5                  | 2.0   | .6      |
| Unpaid family workers .....                    | 116                  | 94    | 22      | 5.9                  | 8.2   | 2.7     |
| <b>OCCUPATION</b>                              |                      |       |         |                      |       |         |
| Total .....                                    | 1,963                | 1,145 | 817     | 100.0                | 100.0 | 100.0   |
| White-collar workers .....                     | 368                  | 217   | 152     | 18.8                 | 18.8  | 18.4    |
| Professional and technical .....               | 29                   | 16    | 13      | 1.5                  | 1.4   | 1.6     |
| Managers and administrators, except farm ..... | 6                    | 5     | --      | .3                   | .4    | --      |
| Sales workers .....                            | 238                  | 180   | 57      | 12.1                 | 15.7  | 7.0     |
| Clerical workers .....                         | 96                   | 14    | 81      | 4.9                  | 1.2   | 9.9     |
| Blue-collar workers .....                      | 496                  | 443   | 52      | 25.3                 | 38.8  | 6.5     |
| Craft and kindred workers .....                | 30                   | 25    | 5       | 1.5                  | 2.2   | .6      |
| Operatives, except transport .....             | 62                   | 48    | 14      | 3.2                  | 4.2   | 1.7     |
| Transport equipment operatives .....           | 10                   | 6     | 4       | .5                   | .5    | .5      |
| Nonfarm laborers .....                         | 394                  | 364   | 30      | 20.1                 | 31.8  | 3.7     |
| Service workers .....                          | 763                  | 215   | 549     | 38.9                 | 18.8  | 67.0    |
| Private household workers .....                | 393                  | 13    | 380     | 20.0                 | 1.1   | 46.4    |
| Other service workers .....                    | 370                  | 202   | 169     | 18.8                 | 17.7  | 20.6    |
| Farm workers .....                             | 335                  | 271   | 66      | 17.1                 | 23.6  | 8.1     |
| Farmers and farm managers .....                | 2                    | 3     | --      | .1                   | .3    | --      |
| Farm laborers and supervisors .....            | 333                  | 267   | 66      | 17.0                 | 23.4  | 8.1     |

# HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(Numbers in thousands)

| Employment status                                       | 1975    |         |         |         |         | 1976    |         |         |         |         |         |         |         |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
|   | Aug.    | Sept.   | Oct.    | Nov.    | Dec.    | Jan.    | Feb.    | Mar.    | Apr.    | May     | June    | July    | Aug.    |
| Total noninstitutional population <sup>1</sup> .....    | 153,824 | 154,052 | 154,256 | 154,476 | 154,700 | 154,915 | 155,106 | 155,325 | 155,516 | 155,711 | 155,925 | 156,142 | 156,367 |
| Total labor force .....                                 | 95,397  | 95,298  | 95,377  | 95,272  | 95,286  | 95,624  | 95,601  | 95,866  | 96,583  | 96,699  | 96,780  | 97,473  | 97,634  |
| Percent of total population .....                       | 62.0    | 61.9    | 61.8    | 61.7    | 61.6    | 61.7    | 61.6    | 61.7    | 62.1    | 62.1    | 62.1    | 62.4    | 62.4    |
| Civilian noninstitutional population <sup>1</sup> ..... | 151,639 | 151,882 | 152,092 | 152,320 | 152,543 | 152,775 | 152,960 | 153,178 | 153,371 | 153,570 | 153,788 | 154,002 | 154,220 |
| Civilian labor force .....                              | 93,212  | 93,128  | 93,213  | 93,117  | 93,129  | 93,484  | 93,455  | 93,719  | 94,439  | 94,557  | 94,643  | 95,333  | 95,487  |
| Percent of civilian population .....                    | 61.5    | 61.3    | 61.3    | 61.1    | 61.1    | 61.2    | 61.1    | 61.2    | 61.6    | 61.6    | 61.5    | 61.9    | 61.9    |
| Employed .....  | 85,288  | 85,158  | 85,151  | 85,178  | 85,394  | 86,194  | 86,319  | 86,692  | 87,399  | 87,697  | 87,500  | 87,907  | 87,981  |
| Percent of civilian population .....                    | 56.2    | 56.1    | 56.0    | 55.9    | 56.0    | 56.4    | 56.4    | 56.6    | 57.0    | 57.1    | 56.9    | 57.1    | 57.0    |
| Agriculture .....                                       | 3,464   | 3,512   | 3,408   | 3,301   | 3,236   | 3,343   | 3,170   | 3,179   | 3,417   | 3,329   | 3,294   | 3,341   | 3,424   |
| Nonagricultural industries .....                        | 81,824  | 81,646  | 81,743  | 81,877  | 82,158  | 82,851  | 83,149  | 83,513  | 83,982  | 84,368  | 84,206  | 84,566  | 84,557  |
| Unemployed .....  | 7,924   | 7,970   | 8,062   | 7,939   | 7,735   | 7,290   | 7,136   | 7,027   | 7,040   | 6,860   | 7,143   | 7,426   | 7,506   |
| Unemployment rate .....                                 | 8.5     | 8.6     | 8.6     | 8.5     | 8.3     | 7.8     | 7.6     | 7.5     | 7.5     | 7.3     | 7.5     | 7.8     | 7.9     |
| Not in labor force .....                                | 58,427  | 58,754  | 58,879  | 59,203  | 59,414  | 59,291  | 59,505  | 59,459  | 58,932  | 59,013  | 59,145  | 58,669  | 58,733  |
| <b>Males, 20 years and over</b>                         |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Total noninstitutional population <sup>1</sup> .....    | 65,234  | 65,353  | 65,444  | 65,542  | 65,643  | 65,739  | 65,821  | 65,920  | 66,002  | 66,087  | 66,182  | 66,279  | 66,384  |
| Total labor force .....                                 | 52,866  | 52,931  | 52,944  | 52,888  | 52,651  | 52,576  | 52,603  | 52,623  | 53,010  | 53,144  | 53,144  | 52,387  | 53,436  |
| Percent of total population .....                       | 81.0    | 81.0    | 80.9    | 80.7    | 80.2    | 80.0    | 79.8    | 80.3    | 80.4    | 80.3    | 80.3    | 80.5    | 80.5    |
| Civilian noninstitutional population <sup>1</sup> ..... | 63,498  | 63,629  | 63,725  | 63,830  | 63,929  | 64,055  | 64,133  | 64,230  | 64,311  | 64,398  | 64,492  | 64,586  | 64,688  |
| Civilian labor force .....                              | 51,130  | 51,208  | 51,225  | 51,176  | 50,937  | 50,892  | 50,914  | 50,934  | 51,319  | 51,455  | 51,454  | 51,694  | 51,740  |
| Percent of civilian population .....                    | 80.5    | 80.5    | 80.4    | 80.2    | 79.7    | 79.5    | 79.4    | 79.3    | 79.8    | 79.8    | 79.8    | 80.0    | 80.0    |
| Employed .....  | 47,655  | 47,516  | 47,513  | 47,521  | 47,586  | 47,916  | 47,997  | 48,081  | 48,524  | 48,596  | 48,391  | 48,535  | 48,682  |
| Agriculture .....                                       | 2,461   | 2,473   | 2,430   | 2,386   | 2,316   | 2,351   | 2,305   | 2,301   | 2,405   | 2,427   | 2,430   | 2,449   | 2,415   |
| Nonagricultural industries .....                        | 45,194  | 45,043  | 45,083  | 45,135  | 45,270  | 45,565  | 45,692  | 45,780  | 46,119  | 46,169  | 45,961  | 46,086  | 46,267  |
| Unemployed .....  | 3,475   | 3,692   | 3,712   | 3,655   | 3,351   | 2,976   | 2,917   | 2,853   | 2,795   | 2,859   | 3,063   | 3,159   | 3,058   |
| Unemployment rate .....                                 | 6.8     | 7.2     | 7.2     | 7.1     | 6.6     | 5.8     | 5.7     | 5.6     | 5.4     | 5.6     | 6.0     | 6.1     | 5.9     |
| Not in labor force .....                                | 12,368  | 12,421  | 12,500  | 12,654  | 12,992  | 13,163  | 13,219  | 13,296  | 12,992  | 12,943  | 13,038  | 12,892  | 12,948  |
| <b>Females, 20 years and over</b>                       |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Civilian noninstitutional population <sup>1</sup> ..... | 71,839  | 71,926  | 72,029  | 72,139  | 72,251  | 72,354  | 72,452  | 72,561  | 72,653  | 72,753  | 72,857  | 72,966  | 73,078  |
| Civilian labor force .....                              | 33,227  | 33,121  | 33,236  | 33,256  | 33,415  | 33,683  | 33,687  | 33,865  | 34,019  | 33,972  | 34,290  | 34,583  | 34,639  |
| Percent of population .....                             | 46.3    | 46.0    | 46.1    | 46.1    | 46.2    | 46.6    | 46.5    | 46.7    | 46.8    | 46.7    | 47.1    | 47.4    | 47.4    |
| Employed .....  | 30,607  | 30,551  | 30,621  | 30,619  | 30,755  | 31,140  | 31,165  | 31,398  | 31,523  | 31,664  | 31,845  | 31,958  | 31,988  |
| Agriculture .....                                       | 542     | 536     | 534     | 491     | 483     | 545     | 420     | 442     | 520     | 473     | 479     | 488     | 546     |
| Nonagricultural industries .....                        | 30,065  | 30,015  | 30,087  | 30,128  | 30,272  | 30,595  | 30,745  | 30,956  | 30,983  | 31,191  | 31,366  | 31,470  | 31,442  |
| Unemployed .....  | 2,620   | 2,570   | 2,615   | 2,637   | 2,660   | 2,543   | 2,522   | 2,467   | 2,496   | 2,308   | 2,445   | 2,625   | 2,651   |
| Unemployment rate .....                                 | 7.9     | 7.8     | 7.9     | 7.9     | 8.0     | 7.5     | 7.5     | 7.3     | 7.3     | 6.8     | 7.1     | 7.6     | 7.7     |
| Not in labor force .....                                | 38,612  | 38,805  | 38,793  | 38,883  | 38,836  | 38,671  | 38,765  | 38,696  | 38,634  | 38,781  | 38,567  | 38,383  | 38,439  |
| <b>Both sexes, 16-19 years</b>                          |         |         |         |         |         |         |         |         |         |         |         |         |         |
| Civilian noninstitutional population <sup>1</sup> ..... | 16,302  | 16,327  | 16,338  | 16,352  | 16,363  | 16,366  | 16,376  | 16,387  | 16,407  | 16,419  | 16,439  | 16,450  | 16,454  |
| Civilian labor force .....                              | 8,855   | 8,799   | 8,752   | 8,685   | 8,777   | 8,909   | 8,854   | 8,920   | 9,101   | 9,130   | 8,899   | 9,056   | 9,108   |
| Percent of population .....                             | 54.3    | 53.9    | 53.6    | 53.1    | 53.6    | 54.4    | 54.1    | 54.4    | 55.5    | 55.6    | 54.1    | 55.1    | 55.4    |
| Employed .....  | 7,026   | 7,091   | 7,017   | 7,038   | 7,053   | 7,138   | 7,157   | 7,213   | 7,352   | 7,437   | 7,264   | 7,414   | 7,311   |
| Agriculture .....                                       | 461     | 503     | 444     | 424     | 437     | 447     | 445     | 436     | 472     | 429     | 385     | 404     | 463     |
| Nonagricultural industries .....                        | 6,565   | 6,588   | 6,573   | 6,614   | 6,616   | 6,691   | 6,712   | 6,777   | 6,880   | 7,008   | 6,879   | 7,010   | 6,848   |
| Unemployed .....  | 1,829   | 1,708   | 1,735   | 1,647   | 1,724   | 1,771   | 1,697   | 1,707   | 1,749   | 1,693   | 1,635   | 1,642   | 1,797   |
| Unemployment rate .....                                 | 20.7    | 19.4    | 19.8    | 19.0    | 19.6    | 19.9    | 19.2    | 19.1    | 19.2    | 18.5    | 18.4    | 18.1    | 19.7    |
| Not in labor force .....                                | 7,447   | 7,528   | 7,586   | 7,667   | 7,586   | 7,457   | 7,522   | 7,467   | 7,306   | 7,289   | 7,540   | 7,394   | 7,346   |

<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-33 through A-42 will not necessarily add to totals, because of the independent seasonal adjustment of the various series.

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

(Numbers in thousands)

| Full- and part-time employment status | 1975   |        |        |        |        | 1976   |        |        |        |        |         |        |        |
|---------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|
|                                       | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   | Jan.   | Feb.   | Mar.   | Apr.   | May    | June    | July   | Aug.   |
| <b>FULL TIME</b>                      |        |        |        |        |        |        |        |        |        |        |         |        |        |
| Total, 16 years and over:             |        |        |        |        |        |        |        |        |        |        |         |        |        |
| Civilian labor force .....            | 79,348 | 79,593 | 79,790 | 79,738 | 79,824 | 79,801 | 79,900 | 80,283 | 80,633 | 80,750 | 80,499c | 81,083 | 81,186 |
| Employed .....                        | 72,882 | 72,899 | 73,032 | 73,112 | 73,500 | 73,962 | 74,222 | 74,646 | 75,024 | 75,299 | 74,663c | 75,181 | 75,127 |
| Unemployed .....                      | 6,466  | 6,694  | 6,758  | 6,626  | 6,324  | 5,839  | 5,678  | 5,637  | 5,609  | 5,451  | 5,836   | 5,902  | 6,059  |
| Unemployment rate .....               | 8.1    | 8.4    | 8.5    | 8.3    | 7.9    | 7.3    | 7.1    | 7.0    | 7.0    | 6.8    | 7.2c    | 7.3    | 7.5    |
| <b>PART TIME</b>                      |        |        |        |        |        |        |        |        |        |        |         |        |        |
| Total, 16 years and over:             |        |        |        |        |        |        |        |        |        |        |         |        |        |
| Civilian labor force .....            | 13,969 | 13,743 | 13,534 | 13,411 | 13,295 | 13,760 | 13,657 | 13,480 | 13,911 | 13,651 | 14,150  | 14,305 | 14,511 |
| Employed .....                        | 12,524 | 12,389 | 12,127 | 12,049 | 11,893 | 12,317 | 12,231 | 12,098 | 12,425 | 12,263 | 12,875  | 12,768 | 13,074 |
| Unemployed .....                      | 1,445  | 1,354  | 1,407  | 1,362  | 1,402  | 1,442  | 1,426  | 1,382  | 1,486  | 1,388  | 1,275   | 1,537  | 1,437  |
| Unemployment rate .....               | 10.3   | 9.9    | 10.4   | 10.2   | 10.5   | 10.5   | 10.4   | 10.3   | 10.7   | 10.2   | 9.0     | 10.7   | 9.9    |

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.

c = corrected.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

[Numbers in thousands]

| Characteristics                    | 1975   |        |        |        |        | 1976   |        |        |        |        |        |        |        |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|                                    | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   | Jan.   | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.   |
| <b>WHITE</b>                       |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>Total, 16 years and over:</b>   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Civilian labor force               | 82,556 | 82,478 | 82,725 | 82,517 | 82,474 | 82,738 | 82,715 | 82,961 | 83,451 | 83,642 | 83,805 | 84,359 | 84,503 |
| Employed                           | 76,130 | 76,041 | 76,077 | 76,059 | 76,223 | 76,839 | 77,101 | 77,282 | 77,867 | 78,087 | 78,120 | 78,341 | 78,468 |
| Unemployed                         | 6,426  | 6,437  | 6,648  | 6,458  | 6,251  | 5,899  | 5,614  | 5,679  | 5,584  | 5,555  | 5,685  | 6,018  | 6,035  |
| Unemployment rate                  | 7.8    | 7.8    | 8.0    | 7.8    | 7.6    | 7.1    | 6.8    | 6.8    | 6.7    | 6.6    | 6.8    | 7.1    | 7.1    |
| <b>Males, 20 years and over:</b>   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Civilian labor force               | 45,822 | 45,888 | 46,025 | 45,878 | 45,631 | 45,620 | 45,659 | 45,726 | 45,954 | 46,098 | 46,140 | 46,320 | 46,381 |
| Employed                           | 42,949 | 42,840 | 42,920 | 42,905 | 42,954 | 43,229 | 43,363 | 43,399 | 43,685 | 43,730 | 43,658 | 43,698 | 43,842 |
| Unemployed                         | 2,873  | 3,048  | 3,105  | 2,973  | 2,677  | 2,391  | 2,296  | 2,327  | 2,269  | 2,368  | 2,482  | 2,622  | 2,539  |
| Unemployment rate                  | 6.3    | 6.6    | 6.7    | 6.5    | 5.9    | 5.2    | 5.0    | 5.1    | 4.9    | 5.1    | 5.4    | 5.7    | 5.5    |
| <b>Females, 20 years and over:</b> |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Civilian labor force               | 28,808 | 28,703 | 28,886 | 28,882 | 29,012 | 29,137 | 29,137 | 29,276 | 29,379 | 29,403 | 29,673 | 29,874 | 29,985 |
| Employed                           | 26,738 | 26,703 | 26,726 | 26,724 | 26,830 | 27,086 | 27,177 | 27,291 | 27,542 | 27,542 | 27,754 | 27,805 | 27,900 |
| Unemployed                         | 2,070  | 2,000  | 2,160  | 2,158  | 2,182  | 2,051  | 1,960  | 1,985  | 1,969  | 1,861  | 1,919  | 2,069  | 2,085  |
| Unemployment rate                  | 7.2    | 7.0    | 7.5    | 7.5    | 7.5    | 7.0    | 6.7    | 6.8    | 6.7    | 6.3    | 6.5    | 6.9    | 7.0    |
| <b>Both sexes, 16 to 19 years:</b> |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Civilian labor force               | 7,926  | 7,887  | 7,814  | 7,757  | 7,831  | 7,981  | 7,919  | 7,959  | 8,118  | 8,141  | 7,992  | 8,165  | 8,137  |
| Employed                           | 6,443  | 6,498  | 6,431  | 6,430  | 6,439  | 6,524  | 6,561  | 6,592  | 6,772  | 6,815  | 6,708  | 6,838c | 6,726  |
| Unemployed                         | 1,483  | 1,389  | 1,383  | 1,327  | 1,392  | 1,457  | 1,358  | 1,367  | 1,346  | 1,326  | 1,284  | 1,327  | 1,411  |
| Unemployment rate                  | 18.7   | 17.6   | 17.7   | 17.1   | 17.8   | 18.3   | 17.1   | 17.2   | 16.6   | 16.3   | 16.1   | 16.3   | 17.3   |
| <b>BLACK AND OTHER</b>             |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>Total, 16 years and over:</b>   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Civilian labor force               | 10,659 | 10,728 | 10,668 | 10,684 | 10,653 | 10,731 | 10,795 | 10,748 | 10,901 | 10,838 | 10,826 | 10,867 | 11,003 |
| Employed                           | 9,134  | 9,180  | 9,147  | 9,197  | 9,188  | 9,314  | 9,315  | 9,407  | 9,489  | 9,511  | 9,382  | 9,466c | 9,505  |
| Unemployed                         | 1,525  | 1,548  | 1,521  | 1,487  | 1,465  | 1,417  | 1,480  | 1,341  | 1,412  | 1,327  | 1,444  | 1,401  | 1,498  |
| Unemployment rate                  | 14.3   | 14.4   | 14.3   | 13.9   | 13.8   | 13.2   | 13.7   | 12.5   | 13.0   | 12.2   | 13.3   | 12.9   | 13.6   |
| <b>Males, 20 years and over:</b>   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Civilian labor force               | 5,320  | 5,360  | 5,294  | 5,338  | 5,285  | 5,245  | 5,276  | 5,182  | 5,319  | 5,348  | 5,367  | 5,348  | 5,377  |
| Employed                           | 4,702  | 4,692  | 4,650  | 4,653  | 4,633  | 4,657  | 4,686  | 4,649  | 4,788  | 4,854  | 4,792  | 4,795  | 4,842  |
| Unemployed                         | 618    | 668    | 644    | 685    | 652    | 588    | 590    | 533    | 531    | 494    | 575    | 553    | 535    |
| Unemployment rate                  | 11.6   | 12.5   | 12.2   | 12.8   | 12.3   | 11.2   | 11.2   | 10.3   | 10.0   | 9.2    | 10.7   | 10.3   | 9.9    |
| <b>Females, 20 years and over:</b> |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Civilian labor force               | 4,400  | 4,420  | 4,422  | 4,421  | 4,419  | 4,527  | 4,581  | 4,610  | 4,626  | 4,553  | 4,591  | 4,611  | 4,649  |
| Employed                           | 3,846  | 3,881  | 3,894  | 3,936  | 3,940  | 4,030  | 4,021  | 4,145  | 4,120  | 4,081  | 4,072  | 4,073  | 4,079  |
| Unemployed                         | 554    | 539    | 528    | 485    | 479    | 497    | 560    | 465    | 506    | 472    | 519    | 538    | 570    |
| Unemployment rate                  | 12.6   | 12.2   | 11.9   | 11.0   | 10.8   | 11.0   | 12.2   | 10.1   | 10.9   | 10.4   | 11.3   | 11.7   | 12.3   |
| <b>Both sexes, 16 to 19 years:</b> |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Civilian labor force               | 939    | 948    | 952    | 925    | 949    | 959    | 938    | 956    | 956    | 937    | 868    | 908    | 977    |
| Employed                           | 586    | 607    | 603    | 608    | 615    | 627    | 608    | 613    | 581    | 576    | 518    | 598    | 584    |
| Unemployed                         | 353    | 341    | 349    | 317    | 334    | 332    | 330    | 343    | 375    | 361    | 350    | 310    | 393    |
| Unemployment rate                  | 37.6   | 36.0   | 36.7   | 34.3   | 35.2   | 34.6   | 35.2   | 35.9   | 39.2   | 38.5   | 40.3   | 34.1   | 40.2   |

c = corrected.

# HOUSEHOLD DATA SEASONALLY ADJUSTED

## A-36. Major unemployment indicators, seasonally adjusted

[Unemployment rates]

| Selected categories  | 1975 |       |      |      |      | 1976 |      |      |      |      |      |      |      |
|--|------|-------|------|------|------|------|------|------|------|------|------|------|------|
|  | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. |
| <b>Characteristics</b>   |      |       |      |      |      |      |      |      |      |      |      |      |      |
| Total (all civilian workers) .....                                 | 8.5  | 8.6   | 8.6  | 8.5  | 8.3  | 7.8  | 7.6  | 7.5  | 7.5  | 7.3  | 7.5  | 7.8  | 7.9  |
| Males, 20 years and over .....                                     | 6.8  | 7.2   | 7.2  | 7.1  | 6.6  | 5.8  | 5.7  | 5.6  | 5.4  | 5.6  | 6.0  | 6.1  | 5.9  |
| Females, 20 years and over .....                                   | 7.9  | 7.8   | 7.9  | 7.9  | 8.0  | 7.5  | 7.5  | 7.3  | 7.3  | 6.8  | 7.1  | 7.6  | 7.7  |
| Both sexes, 16-19 years .....                                      | 20.7 | 19.4  | 19.8 | 19.0 | 19.6 | 19.9 | 19.2 | 19.1 | 19.2 | 18.5 | 18.4 | 18.1 | 19.7 |
| White .....  | 7.8  | 7.8   | 8.0  | 7.8  | 7.6  | 7.1  | 6.8  | 6.8  | 6.7  | 6.6  | 6.8  | 7.1  | 7.1  |
| Black and other .....  | 14.3 | 14.4  | 14.3 | 13.9 | 13.8 | 13.2 | 13.7 | 12.5 | 13.0 | 12.2 | 13.3 | 12.9 | 13.6 |
| Household heads .....  | 5.7  | 6.0   | 6.0  | 5.8  | 5.7  | 5.1  | 4.9  | 5.0  | 4.8  | 4.8  | 5.1  | 5.4  | 5.2  |
| Married men .....  | 5.2  | 5.5   | 5.3  | 5.1  | 4.8  | 4.1  | 4.1  | 4.1  | 3.9  | 4.0  | 4.4  | 4.5  | 4.2  |
| Full-time workers .....  | 8.1  | 8.4   | 8.5  | 8.3  | 7.9  | 7.3  | 7.1  | 7.0  | 7.0  | 6.8  | 7.4  | 7.3  | 7.5  |
| Part-time workers .....  | 10.3 | 9.9   | 10.4 | 10.2 | 10.5 | 10.5 | 10.4 | 10.3 | 10.7 | 10.2 | 9.0  | 10.7 | 9.9  |
| Unemployed 15 weeks and over <sup>1</sup> .....                    | 3.1  | 3.2   | 2.9  | 3.2  | 3.3  | 3.0  | 2.7  | 2.4  | 2.2  | 2.1  | 2.3  | 2.4  | 2.5  |
| Labor force time lost <sup>2</sup> .....                           | 8.9  | 9.1   | 9.4  | 9.3  | 8.9  | 8.4  | 8.1  | 8.2  | 8.2  | 8.1  | 7.7  | 7.9  | 8.2  |
| <b>OCCUPATION</b>  |      |       |      |      |      |      |      |      |      |      |      |      |      |
| White-collar workers .....   | 4.6  | 4.8   | 4.8  | 4.8  | 4.8  | 4.7  | 4.6  | 4.6  | 4.8  | 4.6  | 4.4  | 4.8  | 5.0  |
| Professional and technical .....                                   | 3.0  | 3.2   | 3.2  | 3.7  | 3.1  | 3.0  | 3.6  | 3.5  | 3.4  | 3.2  | 2.9  | 3.1  | 3.1  |
| Managers and administrators, except farm .....                     | 3.0  | 3.4   | 2.9  | 2.9  | 3.0  | 2.9  | 2.9  | 2.9  | 2.8  | 3.2  | 3.1  | 3.5  | 3.5  |
| Sales workers .....  | 5.8  | 5.8   | 6.0  | 6.3  | 6.3  | 6.4  | 5.2  | 5.0  | 4.9  | 4.8  | 5.1  | 5.4  | 5.9  |
| Clerical workers .....   | 6.5  | 6.5   | 6.7  | 6.4  | 6.6  | 6.4  | 6.1  | 6.3  | 7.0  | 6.4  | 6.1  | 6.7  | 7.0  |
| Blue-collar workers .....  | 11.9 | 11.9  | 11.6 | 11.3 | 10.7 | 9.4  | 9.3  | 9.1  | 9.0  | 9.0  | 9.3  | 9.6  | 9.8  |
| Craft and kindred workers .....                                    | 8.5  | 8.8   | 8.7  | 8.3  | 7.2  | 6.6  | 6.7  | 6.7  | 7.0  | 6.2  | 7.3  | 7.4  | 7.0  |
| Operatives .....   | 13.3 | 13.2  | 12.5 | 12.4 | 12.2 | 10.2 | 9.8  | 9.8  | 9.3  | 9.5  | 9.8  | 10.1 | 10.3 |
| Nonfarm laborers .....   | 16.2 | 15.7  | 16.4 | 15.5 | 14.9 | 14.1 | 14.1 | 12.9 | 13.2 | 14.0 | 12.7 | 13.2 | 14.8 |
| Service workers .....  | 9.2  | 8.8   | 9.1  | 8.7  | 9.2  | 9.3  | 8.9  | 8.6  | 8.1  | 8.1  | 8.6  | 8.5  | 8.5  |
| Farm workers .....   | 3.7  | 3.5   | 3.7  | 3.8  | 4.5  | 3.9  | 3.9  | 5.0  | 4.8  | 5.0  | 4.1  | 4.5  | 3.5  |
| <b>INDUSTRY</b>  |      |       |      |      |      |      |      |      |      |      |      |      |      |
| Nonagricultural private wage and salary workers <sup>3</sup> ..... | 9.3  | 9.2   | 9.2  | 9.2  | 8.9  | 8.1  | 8.0  | 7.7  | 7.6  | 7.6  | 7.8  | 8.0  | 8.2  |
| Construction .....   | 19.7 | 18.7  | 18.1 | 17.5 | 16.6 | 15.4 | 15.5 | 16.0 | 15.3 | 14.1 | 17.0 | 17.7 | 17.1 |
| Manufacturing .....  | 11.1 | 10.8  | 10.6 | 10.5 | 9.6  | 8.1  | 8.0  | 7.3  | 7.6  | 7.3  | 7.6  | 7.8  | 8.2  |
| Durable goods .....  | 12.0 | 11.5  | 11.1 | 10.8 | 9.9  | 8.2  | 8.0  | 7.4  | 7.7  | 7.4  | 7.5  | 7.3  | 7.7  |
| Nondurable goods .....   | 9.8  | 9.9   | 9.7  | 10.0 | 9.2  | 8.0  | 8.1  | 7.1  | 7.6  | 7.3  | 7.7  | 8.4  | 8.9  |
| Transportation and public utilities .....                          | 5.6  | 5.8   | 5.6  | 4.9  | 5.1  | 4.9  | 4.7  | 4.5  | 4.1  | 5.3  | 5.2  | 5.2  | 4.7  |
| Wholesale and retail trade .....                                   | 8.9  | 8.9   | 9.1  | 9.4  | 9.4  | 8.7  | 8.4  | 8.7  | 8.3  | 8.1  | 8.2  | 8.5  | 9.0  |
| Finance and service industries .....                               | 6.2  | 6.5   | 7.0  | 7.0  | 7.0  | 7.0  | 6.8  | 6.1  | 6.2  | 6.4  | 6.3  | 6.4  | 6.5  |
| Government workers .....   | 4.0  | 4.1   | 4.3  | 4.0  | 4.4  | 4.2  | 4.4  | 4.5  | 5.0  | 4.8  | 4.2  | 4.5  | 4.4  |
| Agricultural wage and salary workers .....                         | 10.5 | 10.6  | 10.7 | 10.2 | 12.4 | 10.8 | 10.6 | 11.8 | 11.6 | 13.1 | 10.9 | 12.4 | 10.0 |

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

as a percent of potentially available labor force hours.

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

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

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

[Numbers in thousands]

| Weeks of unemployment                   | 1975  |       |       |       |       | 1976  |       |       |       |       |       |       |       |
|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|   | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  |
| <b>Duration</b>                         |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Less than 5 weeks .....                 | 2,758 | 2,820 | 3,015 | 2,641 | 2,648 | 2,706 | 2,686 | 2,609 | 2,979 | 2,855 | 2,618 | 2,951 | 2,829 |
| 5 to 14 weeks .....                     | 2,449 | 2,444 | 2,446 | 2,469 | 2,244 | 2,091 | 1,856 | 1,905 | 1,883 | 1,947 | 2,261 | 2,028 | 2,427 |
| 15 weeks and over .....                 | 2,878 | 2,934 | 2,719 | 3,004 | 3,080 | 2,785 | 2,515 | 2,294 | 2,035 | 1,998 | 2,215 | 2,317 | 2,387 |
| 15 to 26 weeks .....                    | 1,431 | 1,352 | 1,238 | 1,286 | 1,413 | 1,155 | 957   | 903   | 669   | 830   | 914   | 1,116 | 1,143 |
| 27 weeks and over .....                 | 1,447 | 1,582 | 1,481 | 1,718 | 1,667 | 1,630 | 1,558 | 1,391 | 1,366 | 1,168 | 1,301 | 1,201 | 1,244 |
| Average (mean) duration, in weeks ..... | 15.5  | 16.2  | 15.6  | 16.9  | 17.0  | 16.9  | 16.2  | 15.8  | 15.7  | 15.0  | 16.9  | 15.8  | 15.5  |
| <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 .....                 | 34.1  | 34.4  | 36.9  | 32.5  | 33.2  | 35.7  | 38.1  | 38.3  | 43.2  | 42.0  | 36.9  | 40.4  | 37.0  |
| 5 to 14 weeks .....                     | 30.3  | 29.8  | 29.9  | 30.4  | 28.1  | 27.6  | 26.3  | 28.0  | 27.3  | 28.6  | 31.9  | 27.8  | 31.8  |
| 15 weeks and over .....                 | 35.6  | 35.8  | 33.2  | 37.0  | 38.6  | 36.7  | 35.6  | 33.7  | 29.5  | 29.4  | 31.2  | 31.8  | 31.2  |
| 15 to 26 weeks .....                    | 17.7  | 16.5  | 15.1  | 15.8  | 17.7  | 15.2  | 13.6  | 13.3  | 9.7   | 12.2  | 12.9  | 15.3  | 15.0  |
| 27 weeks and over .....                 | 17.9  | 19.3  | 18.1  | 21.2  | 20.9  | 21.5  | 22.1  | 20.4  | 19.8  | 17.2  | 18.3  | 16.5  | 16.3  |

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

| Sex and age                             | 1975 |       |      |      |      | 1976 |      |      |      |      |      |      |      |
|---|------|-------|------|------|------|------|------|------|------|------|------|------|------|
|   | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July | Aug. |
| <b>Total, 16 years and over</b> .....   | 8.5  | 8.6   | 8.6  | 8.5  | 8.3  | 7.8  | 7.6  | 7.5  | 7.5  | 7.3  | 7.5  | 7.8  | 7.9  |
| 16 to 19 years .....                    | 20.7 | 19.4  | 19.8 | 19.0 | 19.6 | 19.9 | 19.2 | 19.1 | 19.2 | 18.5 | 18.4 | 18.1 | 19.7 |
| 16 to 17 years .....                    | 22.8 | 22.0  | 21.9 | 20.1 | 20.6 | 21.2 | 21.4 | 20.0 | 20.8 | 21.9 | 21.5 | 20.8 | 22.5 |
| 18 to 19 years .....                    | 19.4 | 18.2  | 18.2 | 18.1 | 18.9 | 19.0 | 17.5 | 18.6 | 18.2 | 16.4 | 15.6 | 15.9 | 18.0 |
| 20 to 24 years .....                    | 13.4 | 13.9  | 14.0 | 14.2 | 13.5 | 12.7 | 12.1 | 12.1 | 11.8 | 11.1 | 11.4 | 11.2 | 11.8 |
| 25 years and over .....                 | 6.0  | 6.2   | 6.3  | 6.1  | 5.9  | 5.4  | 5.3  | 5.1  | 5.1  | 5.0  | 5.5  | 5.9  | 5.6  |
| 25 to 54 years .....                    | 6.4  | 6.5   | 6.6  | 6.4  | 6.2  | 5.5  | 5.5  | 5.2  | 5.3  | 5.3  | 5.7  | 6.1  | 5.8  |
| 55 years and over .....                 | 4.7  | 4.7   | 4.9  | 5.0  | 5.0  | 4.5  | 4.8  | 4.8  | 4.6  | 4.2  | 4.7  | 4.8  | 4.8  |
| <b>Males, 16 years and over</b> .....   | 8.0  | 8.2   | 8.3  | 8.1  | 7.6  | 7.1  | 6.9  | 6.8  | 6.7  | 6.8  | 7.0  | 7.2  | 7.0  |
| 16 to 19 years .....                    | 20.8 | 19.3  | 19.8 | 18.8 | 19.0 | 20.1 | 19.3 | 19.3 | 20.1 | 19.4 | 18.5 | 18.4 | 18.8 |
| 16 to 17 years .....                    | 22.9 | 22.2  | 21.6 | 19.6 | 19.3 | 21.5 | 21.0 | 20.8 | 21.5 | 23.1 | 21.3 | 21.0 | 21.8 |
| 18 to 19 years .....                    | 19.5 | 17.9  | 18.2 | 18.2 | 18.7 | 19.6 | 17.8 | 18.4 | 19.1 | 16.9 | 15.9 | 16.4 | 16.7 |
| 20 to 24 years .....                    | 14.5 | 15.3  | 15.1 | 14.6 | 13.8 | 12.8 | 11.9 | 12.0 | 11.2 | 11.3 | 11.7 | 11.9 | 11.8 |
| 25 years and over .....                 | 5.5  | 5.8   | 6.0  | 5.8  | 5.4  | 4.7  | 4.6  | 4.5  | 4.5  | 4.4  | 5.0  | 5.1  | 4.9  |
| 25 to 54 years .....                    | 5.9  | 6.1   | 6.2  | 6.0  | 5.6  | 4.8  | 4.6  | 4.3  | 4.6  | 4.5  | 5.1  | 5.4  | 5.1  |
| 55 years and over .....                 | 4.5  | 4.6   | 4.6  | 4.8  | 4.7  | 4.2  | 4.6  | 5.0  | 4.4  | 4.4  | 4.8  | 4.2  | 4.5  |
| <b>Females, 16 years and over</b> ..... | 9.3  | 9.1   | 9.2  | 9.1  | 9.3  | 8.9  | 8.7  | 8.6  | 8.5  | 8.0  | 8.3  | 8.7  | 9.1  |
| 16 to 19 years .....                    | 20.5 | 19.6  | 19.9 | 19.1 | 20.3 | 19.6 | 19.1 | 18.9 | 18.1 | 17.5 | 18.2 | 17.8 | 20.8 |
| 16 to 17 years .....                    | 22.6 | 21.7  | 22.3 | 20.7 | 22.2 | 20.8 | 21.7 | 19.1 | 19.9 | 20.5 | 21.6 | 20.7 | 23.3 |
| 18 to 19 years .....                    | 19.3 | 18.5  | 18.2 | 17.9 | 19.1 | 18.4 | 17.2 | 18.8 | 17.1 | 15.9 | 15.3 | 15.3 | 19.5 |
| 20 to 24 years .....                    | 12.0 | 12.1  | 12.7 | 13.7 | 13.1 | 12.7 | 12.2 | 12.2 | 12.6 | 10.8 | 11.0 | 10.4 | 11.8 |
| 25 years and over .....                 | 6.8  | 6.8   | 6.8  | 6.7  | 6.8  | 6.4  | 6.4  | 6.2  | 6.1  | 6.0  | 6.3  | 7.1  | 6.6  |
| 25 to 54 years .....                    | 7.4  | 7.2   | 7.3  | 7.0  | 7.2  | 6.6  | 6.9  | 6.5  | 6.5  | 6.4  | 6.7  | 7.3  | 7.0  |
| 55 years and over .....                 | 5.1  | 4.7   | 5.4  | 5.3  | 5.4  | 5.1  | 5.0  | 4.5  | 4.9  | 4.0  | 4.5  | 5.8  | 5.2  |

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

[Numbers in thousands]

| Reason for unemployment                                    | 1975  |       |       |       |       | 1976  |       |       |       |       |       |       |       |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
|  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July  | Aug.  |
| <b>NUMBER OF UNEMPLOYED</b>                                |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Job losers .....   | 4,588 | 4,797 | 4,531 | 4,444 | 3,955 | 3,481 | 3,440 | 3,502 | 3,499 | 3,461 | 3,623 | 3,843 | 3,781 |
| Job leavers .....  | 792   | 824   | 829   | 872   | 862   | 849   | 848   | 760   | 831   | 881   | 882   | 964   | 1,008 |
| Reentrants .....   | 1,873 | 1,808 | 1,892 | 1,846 | 1,975 | 1,985 | 1,864 | 1,857 | 1,833 | 1,781 | 1,795 | 1,856 | 1,935 |
| New entrants .....   | 909   | 812   | 844   | 837   | 865   | 886   | 849   | 853   | 894   | 856   | 805   | 795   | 951   |
| <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 .....   | 56.2  | 58.2  | 56.0  | 55.6  | 51.7  | 48.3  | 49.1  | 50.2  | 49.6  | 49.6  | 51.0  | 51.5  | 49.3  |
| Job leavers .....  | 9.7   | 10.0  | 10.2  | 10.9  | 11.3  | 11.8  | 12.1  | 10.9  | 11.8  | 12.6  | 12.4  | 12.9  | 13.1  |
| Reentrants .....   | 22.9  | 21.9  | 23.4  | 23.1  | 25.8  | 27.6  | 26.6  | 26.6  | 26.0  | 25.5  | 25.3  | 24.9  | 25.2  |
| New entrants .....   | 11.1  | 9.9   | 10.4  | 10.5  | 11.3  | 12.3  | 12.1  | 12.2  | 12.7  | 12.3  | 11.3  | 10.7  | 12.4  |
| <b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b> |       |       |       |       |       |       |       |       |       |       |       |       |       |
| Job losers .....   | 4.9   | 5.2   | 4.9   | 4.8   | 4.2   | 3.7   | 3.7   | 3.7   | 3.7   | 3.7   | 3.8   | 4.0   | 4.0   |
| Job leavers .....  | .8    | .9    | .9    | .9    | .9    | .9    | .9    | .8    | .9    | .9    | .9    | 1.0   | 1.1   |
| Reentrants .....   | 2.0   | 1.9   | 2.0   | 2.0   | 2.1   | 2.1   | 2.0   | 2.0   | 1.9   | 1.9   | 1.9   | 1.9   | 2.0   |
| New entrants .....   | 1.0   | .9    | .9    | .9    | .9    | .9    | .9    | .9    | .9    | .9    | .9    | .8    | 1.0   |

# HOUSEHOLD DATA SEASONALLY ADJUSTED

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

(Numbers in thousands)

| Sex and age                             | 1975   |        |        |        |        | 1976   |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|   | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   | Jan.   | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.   |
| <b>Total, 16 years and over</b> .....   | 85,288 | 85,158 | 85,151 | 85,178 | 85,394 | 86,194 | 86,319 | 86,692 | 87,399 | 87,697 | 87,500 | 87,907 | 87,981 |
| 16 to 19 years .....                    | 7,026  | 7,091  | 7,017  | 7,038  | 7,053  | 7,138  | 7,157  | 7,213  | 7,352  | 7,437  | 7,264  | 7,414  | 7,311  |
| 16 to 17 years .....                    | 2,873  | 2,883  | 2,872  | 2,920  | 2,887  | 2,973  | 2,877  | 2,921  | 2,998  | 2,914  | 2,847  | 3,011  | 2,970  |
| 18 to 19 years .....                    | 4,153  | 4,225  | 4,150  | 4,121  | 4,162  | 4,197  | 4,281  | 4,267  | 4,360  | 4,483  | 4,404  | 4,406  | 4,333  |
| 20 to 24 years .....                    | 11,743 | 11,702 | 11,620 | 11,550 | 11,753 | 11,898 | 12,056 | 12,075 | 12,290 | 12,430 | 12,368 | 12,511 | 12,302 |
| 25 years and over .....                 | 66,402 | 66,412 | 66,542 | 66,552 | 66,634 | 67,257 | 67,116 | 67,411 | 67,744 | 67,818 | 67,904 | 67,886 | 68,268 |
| 25 to 54 years .....                    | 53,002 | 52,989 | 53,126 | 53,056 | 53,133 | 53,702 | 53,732 | 54,037 | 54,290 | 54,373 | 54,535 | 54,516 | 54,809 |
| 55 years and over .....                 | 13,445 | 13,470 | 13,447 | 13,441 | 13,455 | 13,547 | 13,491 | 13,399 | 13,403 | 13,395 | 13,382 | 13,406 | 13,515 |
| <b>Males, 16 years and over</b> .....   | 51,446 | 51,334 | 51,300 | 51,325 | 51,390 | 51,761 | 51,870 | 51,944 | 52,490 | 52,554 | 52,243 | 52,501 | 52,655 |
| 16 to 19 years .....                    | 3,791  | 3,818  | 3,787  | 3,804  | 3,804  | 3,845  | 3,873  | 3,863  | 3,966  | 3,958  | 3,852  | 3,966  | 3,973  |
| 16 to 17 years .....                    | 1,585  | 1,581  | 1,581  | 1,608  | 1,587  | 1,610  | 1,573  | 1,565  | 1,666  | 1,557  | 1,522  | 1,645  | 1,657  |
| 18 to 19 years .....                    | 2,199  | 2,254  | 2,210  | 2,196  | 2,211  | 2,230  | 2,300  | 2,279  | 2,302  | 2,362  | 2,328  | 2,327  | 2,309  |
| 20 to 24 years .....                    | 6,355  | 6,342  | 6,332  | 6,303  | 6,418  | 6,525  | 6,675  | 6,638  | 6,795  | 6,836  | 6,703  | 6,781  | 6,714  |
| 25 years and over .....                 | 41,219 | 41,202 | 41,204 | 41,227 | 41,205 | 41,466 | 41,328 | 41,462 | 41,702 | 41,746 | 41,708 | 41,694 | 41,892 |
| 25 to 54 years .....                    | 32,738 | 32,742 | 32,817 | 32,790 | 32,798 | 33,017 | 33,092 | 33,242 | 33,338 | 33,425 | 33,329 | 33,316 | 33,440 |
| 55 years and over .....                 | 8,497  | 8,471  | 8,413  | 8,406  | 8,379  | 8,416  | 8,295  | 8,263  | 8,333  | 8,344  | 8,353  | 8,406  | 8,464  |
| <b>Females, 16 years and over</b> ..... | 33,842 | 33,824 | 33,851 | 33,853 | 34,004 | 34,433 | 34,449 | 34,748 | 34,909 | 35,143 | 35,257 | 35,406 | 35,326 |
| 16 to 19 years .....                    | 3,235  | 3,273  | 3,230  | 3,234  | 3,249  | 3,293  | 3,284  | 3,350  | 3,386  | 3,479  | 3,412  | 3,448  | 3,338  |
| 16 to 17 years .....                    | 1,288  | 1,302  | 1,291  | 1,312  | 1,300  | 1,363  | 1,304  | 1,356  | 1,332  | 1,357  | 1,325  | 1,366  | 1,313  |
| 18 to 19 years .....                    | 1,954  | 1,971  | 1,940  | 1,925  | 1,951  | 1,967  | 1,981  | 1,988  | 2,058  | 2,121  | 2,076  | 2,079  | 2,024  |
| 20 to 24 years .....                    | 5,388  | 5,360  | 5,288  | 5,247  | 5,335  | 5,373  | 5,381  | 5,437  | 5,495  | 5,594  | 5,665  | 5,730  | 5,588  |
| 25 years and over .....                 | 25,183 | 25,210 | 25,338 | 25,325 | 25,429 | 25,791 | 25,788 | 25,949 | 26,042 | 26,072 | 26,196 | 26,192 | 26,376 |
| 25 to 54 years .....                    | 20,264 | 20,247 | 20,309 | 20,266 | 20,335 | 20,685 | 20,640 | 20,795 | 20,952 | 20,948 | 21,206 | 21,200 | 21,369 |
| 55 years and over .....                 | 4,948  | 4,999  | 5,034  | 5,035  | 5,076  | 5,131  | 5,196  | 5,136  | 5,070  | 5,051  | 5,029  | 5,000  | 5,051  |

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-41. Employed persons by selected social and economic categories, seasonally adjusted**

[In thousands]

| Selected categories                               | 1975   |        |        |        |        | 1976   |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|   | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   | Jan.   | Feb.   | Mar.   | Apr.   | May    | June   | July   | Aug.   |
| <b>Total employed</b> .....                       | 85,288 | 85,158 | 85,151 | 85,178 | 85,394 | 86,194 | 86,319 | 86,692 | 87,399 | 87,697 | 87,500 | 87,907 | 87,981 |
| Household heads .....                             | 50,437 | 50,279 | 50,258 | 50,316 | 50,332 | 50,628 | 50,737 | 50,789 | 51,165 | 51,200 | 51,163 | 51,054 | 51,170 |
| Married men, spouse present .....                 | 38,012 | 37,948 | 37,921 | 37,858 | 37,739 | 37,996 | 37,931 | 38,087 | 38,205 | 38,215 | 38,090 | 38,147 | 38,237 |
| Married women, spouse present .....               | 19,603 | 19,758 | 19,799 | 19,833 | 19,859 | 20,065 | 19,976 | 20,001 | 20,073 | 20,280 | 20,337 | 20,399 | 20,444 |
| <b>Occupation</b>                                 |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>White collar workers</b> .....                 | 42,536 | 42,540 | 42,386 | 42,253 | 42,326 | 42,797 | 43,028 | 43,458 | 43,433 | 43,792 | 43,763 | 43,481 | 43,782 |
| Professional and technical .....                  | 12,944 | 12,814 | 12,773 | 12,795 | 13,026 | 13,166 | 13,094 | 13,204 | 13,004 | 13,262 | 13,439 | 13,297 | 13,536 |
| Managers and administrators,<br>except farm ..... | 8,970  | 9,215  | 9,027  | 9,077  | 8,837  | 9,044  | 9,135  | 9,300  | 9,387  | 9,200  | 9,257  | 9,179  | 9,282  |
| Sales workers .....                               | 5,521  | 5,493  | 5,515  | 5,269  | 5,296  | 5,224  | 5,333  | 5,398  | 5,488  | 5,562  | 5,512  | 5,435  | 5,549  |
| Clerical workers .....                            | 15,101 | 15,018 | 15,071 | 15,112 | 15,167 | 15,363 | 15,466 | 15,556 | 15,554 | 15,768 | 15,555 | 15,570 | 15,415 |
| <b>Blue-collar workers</b> .....                  | 27,968 | 27,936 | 28,105 | 28,126 | 28,408 | 28,759 | 28,725 | 28,545 | 29,110 | 29,115 | 29,166 | 29,279 | 28,853 |
| Craft and kindred workers .....                   | 11,051 | 10,907 | 11,104 | 11,018 | 11,265 | 11,266 | 11,297 | 11,030 | 11,161 | 11,268 | 11,238 | 11,372 | 11,251 |
| Operatives .....                                  | 12,807 | 12,899 | 12,915 | 13,010 | 13,043 | 13,303 | 13,214 | 13,191 | 13,508 | 13,514 | 13,690 | 13,530 | 13,273 |
| Nonfarm laborers .....                            | 4,110  | 4,130  | 4,086  | 4,098  | 4,100  | 4,190  | 4,214  | 4,324  | 4,441  | 4,333  | 4,238  | 4,377  | 4,329  |
| Service workers .....                             | 11,676 | 11,739 | 11,759 | 11,872 | 11,837 | 11,926 | 11,848 | 11,781 | 11,858 | 11,981 | 12,028 | 12,185 | 12,325 |
| Farm workers .....                                | 3,008  | 3,040  | 2,975  | 2,838  | 2,782  | 2,868  | 2,772  | 2,712  | 2,922  | 2,833  | 2,802  | 2,878  | 2,951  |
| <b>Major industry and class of worker</b>         |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>Agriculture:</b>                               |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Wage and salary workers .....                     | 1,361  | 1,347  | 1,303  | 1,262  | 1,231  | 1,300  | 1,295  | 1,317  | 1,388  | 1,286  | 1,299  | 1,301  | 1,363  |
| Self-employed workers .....                       | 1,702  | 1,753  | 1,710  | 1,687  | 1,663  | 1,649  | 1,596  | 1,568  | 1,641  | 1,672  | 1,670  | 1,695  | 1,709  |
| Unpaid family workers .....                       | 397    | 411    | 408    | 349    | 300    | 331    | 300    | 284    | 394    | 359    | 341    | 340    | 356    |
| <b>Nonagricultural industries:</b>                |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Wage and salary workers .....                     | 75,711 | 75,716 | 75,760 | 75,468 | 76,038 | 76,568 | 77,023 | 77,376 | 77,834 | 78,134 | 78,098 | 78,390 | 78,469 |
| Private households .....                          | 1,366  | 1,320  | 1,349  | 1,307  | 1,309  | 1,287  | 1,200  | 1,308  | 1,351  | 1,294  | 1,415  | 1,436  | 1,401  |
| Government .....                                  | 14,805 | 14,551 | 14,443 | 14,628 | 14,719 | 14,779 | 14,891 | 14,980 | 14,796 | 14,850 | 14,894 | 14,988 | 15,317 |
| Other .....                                       | 59,540 | 59,845 | 59,968 | 59,533 | 60,010 | 60,502 | 60,932 | 61,088 | 61,687 | 61,990 | 61,789 | 61,966 | 61,751 |
| Self-employed workers .....                       | 5,633  | 5,621  | 5,531  | 5,991  | 5,683  | 5,693  | 5,684  | 5,594  | 5,608  | 5,778  | 5,657  | 5,649  | 5,662  |
| Unpaid family workers .....                       | 457    | 478    | 478    | 540    | 510    | 528    | 490    | 444    | 463    | 460    | 451    | 432    | 436    |
| <b>Persons at work<sup>1</sup></b>                |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>Nonagricultural industries</b> .....           | 76,323 | 76,784 | 76,822 | 77,103 | 77,380 | 78,506 | 78,399 | 78,167 | 77,413 | 79,056 | 79,497 | 79,189 | 78,931 |
| Full-time schedules .....                         | 62,198 | 62,838 | 62,824 | 63,141 | 63,730 | 64,211 | 64,381 | 64,328 | 63,708 | 64,947 | 64,860 | 65,259 | 64,622 |
| Part time for economic reasons .....              | 3,234  | 3,291  | 3,361  | 3,353  | 3,243  | 3,482  | 3,262  | 3,266  | 3,248  | 3,382  | 3,080  | 3,012  | 3,047  |
| Usually work full time .....                      | 1,436  | 1,409  | 1,459  | 1,405  | 1,332  | 1,415  | 1,308  | 1,230  | 1,342  | 1,457  | 1,307  | 1,259  | 1,295  |
| Usually work part time .....                      | 1,798  | 1,882  | 1,902  | 1,948  | 1,911  | 2,067  | 1,954  | 2,036  | 1,906  | 1,925  | 1,773  | 1,753  | 1,752  |
| Part time for noneconomic reasons .....           | 10,891 | 10,655 | 10,637 | 10,609 | 10,407 | 10,813 | 10,755 | 10,573 | 10,457 | 10,727 | 11,557 | 10,918 | 11,262 |

<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.

c = corrected.

# HOUSEHOLD DATA

## A-42. Employment status of male Vietnam-Era veterans and nonveterans 20 to 34 years of age

[Numbers in thousands]

| Employment status                                 | Not seasonally adjusted |           |           | Seasonally adjusted |           |          |                  |                    |           |
|---|-------------------------|-----------|-----------|---------------------|-----------|----------|------------------|--------------------|-----------|
|   | Aug. 1975               | July 1976 | Aug. 1976 | Aug. 1975           | Apr. 1976 | May 1976 | June 1976        | July 1976          | Aug. 1976 |
| <b>VETERANS<sup>1</sup></b>                       |                         |           |           |                     |           |          |                  |                    |           |
| <b>Total, 20 to 34 years:</b>                     |                         |           |           |                     |           |          |                  |                    |           |
| Civilian noninstitutional population <sup>2</sup> | 6,488                   | 6,691     | 6,703     | 6,488               | 6,657     | 6,670    | 6,677            | 6,691              | 6,703     |
| Civilian labor force                              | 6,132                   | 6,361     | 6,330     | 6,105               | 6,279     | 6,325    | 6,343            | 6,338              | 6,298     |
| Employed  | 5,609                   | 5,873     | 5,907     | 5,537               | 5,860     | 5,865    | 5,785            | 5,807              | 5,833     |
| Unemployed  | 523                     | 488       | 423       | 568                 | 419       | 460      | 558              | 531                | 465       |
| Unemployment rate                                 | 8.5                     | 7.7       | 6.7       | 9.3                 | 6.7       | 7.3      | 8.8              | 8.4                | 7.4       |
| <b>20 to 24 years</b>                             |                         |           |           |                     |           |          |                  |                    |           |
| Civilian noninstitutional population <sup>2</sup> | 1,145                   | 1,073     | 1,067     | 1,145               | 1,095     | 1,089    | 1,079            | 1,073              | 1,067     |
| Civilian labor force                              | 1,016                   | 953       | 926       | 1,011               | 956       | 934      | 956              | 949                | 920       |
| Employed  | 840                     | 779       | 789       | 828                 | 815       | 797      | 769              | 759 <sup>c</sup>   | 778       |
| Unemployed  | 176                     | 174       | 137       | 183                 | 141       | 137      | 187              | 190                | 142       |
| Unemployment rate                                 | 17.3                    | 18.3      | 14.8      | 18.1                | 14.7      | 14.7     | 19.6             | 20.0               | 15.4      |
| <b>25 to 29 years</b>                             |                         |           |           |                     |           |          |                  |                    |           |
| Civilian noninstitutional population <sup>2</sup> | 3,470                   | 3,275     | 3,248     | 3,470               | 3,355     | 3,329    | 3,301            | 3,275              | 3,248     |
| Civilian labor force                              | 3,309                   | 3,112     | 3,067     | 3,275               | 3,173     | 3,171    | 3,137            | 3,086              | 3,035     |
| Employed  | 3,044                   | 2,902     | 2,864     | 3,007               | 2,975     | 2,962    | 2,890            | 2,876              | 2,830     |
| Unemployed  | 265                     | 210       | 203       | 268                 | 198       | 209      | 247              | 210                | 205       |
| Unemployment rate                                 | 8.0                     | 6.7       | 6.6       | 8.2                 | 6.2       | 6.6      | 7.9              | 6.8                | 6.8       |
| <b>30 to 34 years</b>                             |                         |           |           |                     |           |          |                  |                    |           |
| Civilian noninstitutional population <sup>2</sup> | 1,873                   | 2,343     | 2,388     | 1,873               | 2,207     | 2,252    | 2,297            | 2,343              | 2,388     |
| Civilian labor force                              | 1,807                   | 2,296     | 2,337     | 1,819               | 2,150     | 2,220    | 2,250            | 2,303              | 2,343     |
| Employed  | 1,725                   | 2,192     | 2,254     | 1,702               | 2,070     | 2,106    | 2,126            | 2,172              | 2,225     |
| Unemployed  | 82                      | 104       | 83        | 117                 | 80        | 114      | 124              | 131                | 118       |
| Unemployment rate                                 | 4.5                     | 4.5       | 3.6       | 6.4                 | 3.7       | 5.1      | 5.5              | 5.7                | 5.0       |
| <b>NONVETERANS</b>                                |                         |           |           |                     |           |          |                  |                    |           |
| <b>Total, 20 to 34 years:</b>                     |                         |           |           |                     |           |          |                  |                    |           |
| Civilian noninstitutional population <sup>2</sup> | 15,999                  | 16,783    | 16,854    | 15,999              | 16,566    | 16,640   | 16,715           | 16,783             | 16,854    |
| Civilian labor force                              | 14,755                  | 15,648    | 15,584    | 14,355              | 14,958    | 15,099   | 15,001           | 15,144             | 15,141    |
| Employed  | 13,445                  | 14,359    | 14,356    | 12,936              | 13,779    | 13,906   | 13,827           | 13,821             | 13,810    |
| Unemployed  | 1,310                   | 1,279     | 1,228     | 1,419               | 1,179     | 1,193    | 1,174            | 1,323              | 1,331     |
| Unemployment rate                                 | 8.9                     | 8.2       | 7.9       | 9.9                 | 7.9       | 7.9      | 7.8              | 8.7                | 8.8       |
| <b>20 to 24 years</b>                             |                         |           |           |                     |           |          |                  |                    |           |
| Civilian noninstitutional population <sup>2</sup> | 7,637                   | 7,931     | 7,954     | 7,637               | 7,861     | 7,885    | 7,910            | 7,931              | 7,954     |
| Civilian labor force                              | 6,793                   | 7,236     | 7,104     | 6,412               | 6,711     | 6,786    | 6,626            | 6,707              | 6,682     |
| Employed  | 5,967                   | 6,492     | 6,403     | 5,518               | 5,988     | 6,049    | 5,933            | 5,978              | 5,923     |
| Unemployed  | 826                     | 744       | 701       | 894                 | 723       | 737      | 693              | 729                | 759       |
| Unemployment rate                                 | 12.2                    | 10.3      | 9.9       | 13.9                | 10.8      | 10.9     | 10.5             | 10.9               | 11.4      |
| <b>25 to 29 years</b>                             |                         |           |           |                     |           |          |                  |                    |           |
| Civilian noninstitutional population <sup>2</sup> | 4,489                   | 5,097     | 5,121     | 4,489               | 4,909     | 4,972    | 5,035            | 5,097              | 5,121     |
| Civilian labor force                              | 4,241                   | 4,819     | 4,839     | 4,239               | 4,620     | 4,687    | 4,742            | 4,831              | 4,833     |
| Employed  | 3,928                   | 4,455     | 4,490     | 3,887               | 4,344     | 4,406    | 4,437            | 4,428 <sup>c</sup> | 4,441     |
| Unemployed  | 313                     | 364       | 349       | 352                 | 276       | 281      | 303              | 403                | 392       |
| Unemployment rate                                 | 7.4                     | 7.6       | 7.2       | 8.3                 | 6.0       | 6.0      | 6.4              | 8.3                | 8.1       |
| <b>30 to 34 years</b>                             |                         |           |           |                     |           |          |                  |                    |           |
| Civilian noninstitutional population <sup>2</sup> | 3,873                   | 3,755     | 3,779     | 3,873               | 3,796     | 3,783    | 3,770            | 3,755              | 3,779     |
| Civilian labor force                              | 3,721                   | 3,593     | 3,641     | 3,704               | 3,627     | 3,626    | 3,633            | 3,606              | 3,626     |
| Employed  | 3,550                   | 3,422     | 3,463     | 3,531               | 3,447     | 3,451    | 3,455            | 3,415              | 3,446     |
| Unemployed  | 171                     | 171       | 178       | 173                 | 180       | 175      | 178 <sup>c</sup> | 191                | 180       |
| Unemployment rate                                 | 4.6                     | 4.8       | 4.9       | 4.7                 | 5.0       | 4.8      | 4.9              | 5.3                | 5.0       |

<sup>1</sup> Vietnam-era veterans are those who served between August 5, 1964, and April 30, 1975.  
<sup>c</sup> corrected.

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



# ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

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

(In thousands)

| Year and month | Total  | Goods-producing |        |                       |               |        |                                     | Service-producing          |                 |              |                                     |          |            |         |                 |
|----------------|--------|-----------------|--------|-----------------------|---------------|--------|-------------------------------------|----------------------------|-----------------|--------------|-------------------------------------|----------|------------|---------|-----------------|
|                |        | Total           | Mining | Contract construction | Manufacturing | Total  | Transportation and public utilities | Wholesale and retail trade |                 |              | Finance, insurance, and real estate | Services | Government |         |                 |
|                |        |                 |        |                       |               |        |                                     | Total                      | 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    | 5,995      | 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.....      | 48,232 | 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   | 6,668           |
| 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        | 44,158 | 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          |
| 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...         | 77,091 | 22,312          | 756    | 3,061                 | 18,495        | 54,779 | 4,440                               | 17,026                     | 4,189           | 12,837       | 4,223                               | 14,049   | 15,041     | 2,724   | 12,317          |
| Feb...         | 77,339 | 22,311          | 752    | 3,014                 | 18,545        | 55,028 | 4,445                               | 16,926                     | 4,189           | 12,737       | 4,228                               | 14,188   | 15,241     | 2,726   | 12,515          |
| Mar...         | 77,906 | 22,541          | 759    | 3,103                 | 18,679        | 55,365 | 4,462                               | 17,028                     | 4,194           | 12,834       | 4,246                               | 14,307   | 15,322     | 2,724   | 12,598          |
| Apr...         | 78,688 | 22,849          | 766    | 3,270                 | 18,813        | 55,839 | 4,474                               | 17,295                     | 4,212           | 13,083       | 4,276                               | 14,498   | 15,296     | 2,730   | 12,566          |
| May...         | 79,115 | 23,033          | 775    | 3,386                 | 18,872        | 56,082 | 4,494                               | 17,405                     | 4,228           | 13,177       | 4,278                               | 14,616   | 15,289     | 2,735   | 12,554          |
| June...        | 79,805 | 23,435          | 795    | 3,523                 | 19,117        | 56,370 | 4,531                               | 17,552                     | 4,280           | 13,272       | 4,344                               | 14,775   | 15,168     | 2,758   | 12,410          |
| July...        | 78,900 | 23,202          | 804    | 3,578                 | 18,820        | 55,698 | 4,532                               | 17,509                     | 4,292           | 13,217       | 4,365                               | 14,778   | 14,514     | 2,775   | 11,739          |
| AugP...        | 79,280 | 23,586          | 763    | 3,610                 | 19,213        | 55,694 | 4,522                               | 17,553                     | 4,302           | 13,251       | 4,368                               | 14,812   | 14,439     | 2,758   | 11,681          |

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> |           |           |             |               |
|----------------|---|---------------|-----------|-----------|-------------|---------------|---------------------------------|-----------|-----------|-------------|---------------|
|                |   | July 1975     | Aug. 1975 | June 1976 | July 1976 P | Aug. P 1976 P | July 1975                       | Aug. 1975 | June 1976 | July 1976 P | Aug. P 1976 P |
| -              | <b>TOTAL</b> .....                              | 76,439        | 76,900    | 79,805    | 78,900      | 79,280        | -                               | -         | -         | -           | -             |
|                | <b>PRIVATE SECTOR</b> .....                     | 62,220        | 62,788    | 64,637    | 64,386      | 64,841        | 51,041                          | 51,601    | 53,226    | 52,955      | 53,375        |
| -              | <b>MINING</b> .....                             | 758           | 763       | 795       | 804         | 763           | 575                             | 578       | 604       | 609         | 572           |
| 10             | <b>METAL MINING</b> .....                       | 91.9          | 91.9      | 94.0      | 96.2        | -             | 71.0                            | 70.7      | 72.7      | 73.6        | -             |
| 101            | Iron ores .....                                 | 24.9          | 24.5      | 26.3      | 26.3        | -             | 20.0                            | 19.5      | 21.4      | 21.2        | -             |
| 102            | Copper ores .....                               | 36.1          | 35.8      | 35.2      | 36.7        | -             | 27.2                            | 26.9      | 26.8      | 27.3        | -             |
| 11,12          | <b>COAL MINING</b> .....                        | 203.8         | 205.7     | 219.6     | 219.0       | -             | 173.7                           | 175.0     | 188.3     | 187.8       | -             |
| 12             | Bituminous coal and lignite mining .....        | 199.9         | 201.8     | 215.7     | 215.1       | -             | 170.3                           | 171.6     | 184.9     | 184.5       | -             |
| 13             | <b>OIL AND GAS EXTRACTION</b> .....             | 342.8         | 346.1     | 361.2     | 368.1       | -             | 235.6                           | 237.4     | 248.0     | 251.7       | -             |
| 131,2          | Crude petroleum and natural gas fields .....    | 164.6         | 164.9     | 168.1     | 170.8       | -             | 85.4                            | 85.2      | 86.2      | 86.1        | -             |
| 138            | Oil and gas field services .....                | 178.2         | 181.2     | 193.1     | 197.3       | -             | 150.2                           | 152.2     | 161.8     | 165.6       | -             |
| 14             | <b>NONMETALLIC MINERALS, EXCEPT FUELS</b> ..... | 119.9         | 119.7     | 119.8     | 120.7       | -             | 94.9                            | 94.7      | 95.2      | 96.1        | -             |
| 142            | Crushed and broken stone .....                  | 42.1          | 41.9      | 42.1      | 42.4        | -             | 34.2                            | 34.1      | 34.7      | 35.1        | -             |
| 144            | Sand and gravel .....                           | 37.2          | 37.0      | 37.0      | 37.6        | -             | -                               | -         | -         | -           | -             |
| -              | <b>CONTRACT CONSTRUCTION</b> .....              | 3,605         | 3,688     | 3,523     | 3,578       | 3,610         | 2,904                           | 2,991     | 2,807     | 2,869       | 2,904         |
| 15             | <b>GENERAL BUILDING CONTRACTORS</b> .....       | 1,076.4       | 1,101.6   | 1,049.3   | 1,064.1     | -             | 854.9                           | 882.4     | 822.8     | 838.4       | -             |
| 16             | <b>HEAVY CONSTRUCTION CONTRACTORS</b> .....     | 771.1         | 793.8     | 744.7     | 757.5       | -             | 647.0                           | 671.2     | 618.5     | 632.6       | -             |
| 161            | Highway and street construction .....           | 356.9         | 364.1     | 328.2     | 334.5       | -             | 312.9                           | 319.9     | 283.7     | 290.2       | -             |
| 162            | Heavy construction, nec. ....                   | 414.2         | 429.7     | 416.5     | 423.0       | -             | 334.1                           | 351.3     | 334.8     | 342.4       | -             |
| 17             | <b>SPECIAL TRADE CONTRACTORS</b> .....          | 1,757.7       | 1,792.1   | 1,728.5   | 1,756.0     | -             | 1,402.3                         | 1,437.1   | 1,365.9   | 1,397.6     | -             |
| 171            | Plumbing, heating, air conditioning .....       | 414.6         | 420.9     | 402.2     | 411.6       | -             | 313.8                           | 320.6     | 302.6     | 311.5       | -             |
| 172            | Painting, paper hanging, decorating .....       | 138.3         | 138.0     | 128.3     | 133.2       | -             | 120.2                           | 119.9     | 109.7     | 113.9       | -             |
| 173            | Electrical work .....                           | 317.9         | 317.7     | 306.1     | 305.4       | -             | 248.1                           | 247.6     | 240.1     | 240.4       | -             |
| 174            | Masonry, stonework, and plastering .....        | 195.7         | 197.3     | 186.2     | 188.6       | -             | 169.6                           | 171.3     | 161.7     | 163.9       | -             |
| 176            | Roofing and sheet metal work .....              | 124.6         | 128.4     | 119.2     | 125.4       | -             | 100.7                           | 104.8     | 95.5      | 101.8       | -             |
| -              | <b>MANUFACTURING</b> .....                      | 18,007        | 18,450    | 19,117    | 18,820      | 19,213        | 12,744                          | 13,180    | 13,774    | 13,473      | 13,839        |
| 19,24,25,32-39 | <b>DURABLE GOODS</b> .....                      | 10,425        | 10,592    | 11,162    | 10,958      | 11,126        | 7,301                           | 7,468     | 7,994     | 7,790       | 7,938         |
| 20-23,26-31    | <b>NONDURABLE GOODS</b> .....                   | 7,582         | 7,858     | 7,955     | 7,862       | 8,087         | 5,443                           | 5,712     | 5,780     | 5,683       | 5,901         |
|                | <b>DURABLE GOODS</b>                            |               |           |           |             |               |                                 |           |           |             |               |
| 19             | <b>ORDNANCE AND ACCESSORIES</b> .....           | 172.0         | 167.4     | 157.5     | 156.5       | 156.8         | 80.6                            | 76.7      | 71.1      | 70.2        | 70.3          |
| 192            | Ammunition, except for small arms .....         | 115.9         | 112.6     | 101.6     | 100.7       | 100.7         | 44.1                            | 41.4      | 35.3      | 34.7        | 34.7          |
| 1925           | Complete guided missiles .....                  | 91.0          | 89.1      | 84.2      | 83.8        | -             | 25.4                            | 24.0      | 22.8      | 22.7        | -             |
| 1929           | Ammunition, exc. for small arms, nec. ....      | 24.9          | 23.5      | 17.4      | 16.9        | -             | 18.7                            | 17.4      | 12.5      | 12.0        | -             |
| 24             | <b>LUMBER AND WOOD PRODUCTS</b> .....           | 573.9         | 583.9     | 622.8     | 622.8       | 627.4         | 479.3                           | 488.6     | 523.7     | 523.7       | 527.6         |
| 241            | Logging camps and logging contractors .....     | 78.7          | 79.0      | 78.1      | 79.2        | 78.4          | -                               | -         | -         | -           | -             |
| 242            | Sawmills and planing mills .....                | 201.1         | 205.9     | 214.5     | 216.6       | 218.2         | 178.1                           | 182.9     | 190.2     | 192.6       | 193.7         |
| 2421           | Sawmills and planing mills, general .....       | 173.6         | 176.7     | 182.5     | 185.6       | -             | 154.0                           | 157.0     | 161.7     | 164.9       | -             |
| 243            | Millwork, plywood and related products .....    | 184.6         | 188.1     | 209.0     | 208.8       | 211.0         | 151.1                           | 154.3     | 173.6     | 173.2       | 175.1         |
| 2431           | Millwork .....                                  | 80.6          | 83.5      | 94.1      | 94.5        | -             | 65.2                            | 67.8      | 77.6      | 78.0        | -             |
| 2432           | Veneer and plywood .....                        | 68.5          | 68.8      | 75.0      | 74.4        | -             | 60.6                            | 60.9      | 66.8      | 66.0        | -             |
| 244            | Wooden containers .....                         | 22.0          | 21.4      | 23.1      | 22.4        | 22.1          | 19.4                            | 18.7      | 20.5      | 19.8        | 19.7          |
| 2441,2         | Wooden boxes, shooks, and crates .....          | 17.7          | 17.4      | 18.6      | 18.1        | -             | 15.8                            | 15.3      | 16.4      | 16.0        | -             |
| 249            | Miscellaneous wood products .....               | 87.5          | 89.5      | 98.1      | 95.8        | 97.7          | 69.9                            | 71.6      | 79.1      | 77.1        | 78.6          |

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

(In thousands)

| SIC Code                        | Industry   | All employees |           |           |                        |                        | Production workers <sup>1</sup> |           |           |                        |                        |
|---------------------------------|--|---------------|-----------|-----------|------------------------|------------------------|---------------------------------|-----------|-----------|------------------------|------------------------|
|                                 |  | July 1975     | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975                       | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
| <b>DURABLE GOODS--Continued</b> |  |               |           |           |                        |                        |                                 |           |           |                        |                        |
| 25                              | <b>FURNITURE AND FIXTURES</b> .....                | 432.7         | 457.4     | 493.8     | 480.8                  | 491.9                  | 347.6                           | 371.4     | 405.7     | 392.7                  | 404.0                  |
| 251                             | Household furniture .....                          | 307.9         | 327.0     | 355.5     | 344.8                  | 354.8                  | 255.7                           | 274.0     | 300.8     | 290.0                  | 299.9                  |
| 2511                            | Wood household furniture .....                     | 155.8         | 166.4     | 182.3     | 178.1                  | -                      | 134.9                           | 144.9     | 159.5     | 155.2                  | -                      |
| 2512                            | Upholstered household furniture .....              | 89.8          | 94.7      | 103.9     | 99.7                   | -                      | 73.2                            | 77.9      | 86.3      | 82.2                   | -                      |
| 2515                            | Mattresses and bedsprings .....                    | 32.1          | 33.7      | 33.7      | 33.5                   | -                      | 24.1                            | 25.9      | 25.8      | 25.4                   | -                      |
| 252                             | Office furniture .....                             | 33.0          | 34.5      | 38.0      | 36.2                   | -                      | 24.9                            | 26.7      | 30.0      | 28.5                   | -                      |
| 254                             | Partitions and fixtures .....                      | 47.8          | 50.2      | 53.6      | 53.3                   | -                      | 34.9                            | 36.9      | 40.3      | 39.8                   | -                      |
| 253,9                           | Other furniture and fixtures .....                 | 44.0          | 45.7      | 46.7      | 46.5                   | (*)                    | 32.1                            | 33.8      | 34.6      | 34.4                   | (*)                    |
| 32                              | <b>STONE, CLAY, AND GLASS PRODUCTS</b> .....       | 615.1         | 624.9     | 640.8     | 642.3                  | 644.9                  | 486.4                           | 496.2     | 512.1     | 513.6                  | 515.6                  |
| 321                             | Flat glass .....                                   | 14.9          | 15.8      | 16.8      | 16.9                   | -                      | 10.4                            | 11.3      | 13.6      | 13.6                   | -                      |
| 322                             | Glass and glassware, pressed or blown .....        | 125.2         | 128.2     | 134.9     | 134.6                  | 136.5                  | 106.9                           | 110.1     | 116.6     | 116.6                  | 118.2                  |
| 3221                            | Glass containers .....                             | 74.1          | 75.4      | 79.2      | 79.9                   | -                      | 65.0                            | 66.4      | 69.7      | 70.7                   | -                      |
| 3229                            | Pressed and blown glass, nec .....                 | 51.1          | 52.8      | 55.7      | 54.7                   | -                      | 41.9                            | 43.7      | 46.9      | 45.9                   | -                      |
| 324                             | Cement, hydraulic .....                            | 31.4          | 31.8      | 30.7      | 30.6                   | 30.2                   | 24.9                            | 25.2      | 24.4      | 24.4                   | 24.0                   |
| 325                             | Structural clay products .....                     | 48.3          | 49.1      | 49.3      | 49.7                   | 48.7                   | 38.7                            | 39.4      | 39.8      | 40.0                   | 39.1                   |
| 3251                            | Brick and structural clay tile .....               | 20.9          | 21.6      | 22.1      | 22.5                   | -                      | 17.4                            | 18.1      | 18.5      | 18.7                   | -                      |
| 326                             | Pottery and related products .....                 | 40.6          | 41.6      | 43.7      | 43.7                   | -                      | 33.3                            | 34.5      | 37.1      | 36.9                   | -                      |
| 327                             | Concrete, gypsum, and plaster products .....       | 195.7         | 196.9     | 194.9     | 198.0                  | 198.2                  | 152.5                           | 154.0     | 151.8     | 154.8                  | 155.5                  |
| 328,9                           | Other stone and nonmetallic mineral products ..... | 126.5         | 127.3     | 134.2     | 133.8                  | 133.2                  | 95.1                            | 95.5      | 101.2     | 100.9                  | 100.0                  |
| 3291                            | Abrasive products .....                            | 22.1          | 22.7      | 24.5      | 24.6                   | -                      | 15.2                            | 15.7      | 17.5      | 17.5                   | -                      |
| 33                              | <b>PRIMARY METAL INDUSTRIES</b> .....              | 1,138.3       | 1,147.8   | 1,215.1   | 1,207.4                | 1,209.3                | 878.4                           | 889.1     | 956.9     | 948.2                  | 949.7                  |
| 331                             | Blast furnace and basic steel products .....       | 531.2         | 526.9     | 557.9     | 565.2                  | (*)                    | 410.2                           | 406.8     | 438.5     | 444.7                  | (*)                    |
| 3312                            | Blast furnaces and steel mills .....               | 458.5         | 454.5     | 483.9     | 491.0                  | -                      | 355.7                           | 352.5     | 381.8     | 388.0                  | -                      |
| 332                             | Iron and steel foundries .....                     | 217.2         | 221.0     | 221.8     | 215.5                  | 219.1                  | 177.4                           | 181.5     | 182.7     | 176.5                  | 179.3                  |
| 3321                            | Gray iron foundries .....                          | 133.1         | 135.2     | 142.2     | 138.3                  | -                      | 110.8                           | 113.0     | 119.3     | 115.2                  | -                      |
| 3322                            | Malleable iron foundries .....                     | 21.1          | 21.2      | 20.7      | 20.2                   | -                      | 16.4                            | 16.6      | 16.6      | 16.1                   | -                      |
| 3323                            | Steel foundries .....                              | 63.0          | 64.6      | 58.9      | 57.0                   | -                      | 50.2                            | 51.9      | 46.8      | 45.2                   | -                      |
| 333,4                           | Nonferrous metals .....                            | 79.8          | 79.9      | 85.2      | 84.6                   | 84.7                   | 59.9                            | 60.0      | 65.2      | 64.6                   | 64.6                   |
| 3334                            | Primary aluminum .....                             | 27.7          | 28.0      | 33.0      | 33.3                   | -                      | 21.8                            | 22.2      | 26.6      | 26.8                   | -                      |
| 335                             | Nonferrous rolling and drawing .....               | 172.3         | 176.3     | 197.4     | 193.5                  | 192.6                  | 122.4                           | 126.0     | 146.9     | 142.8                  | 143.6                  |
| 3351                            | Copper rolling and drawing .....                   | 29.7          | 31.9      | 36.3      | 35.5                   | -                      | 21.0                            | 23.3      | 27.9      | 26.9                   | -                      |
| 3352                            | Aluminum rolling and drawing .....                 | 53.0          | 53.3      | 61.7      | 61.7                   | -                      | 35.9                            | 36.5      | 44.9      | 44.7                   | -                      |
| 3357                            | Nonferrous wire drawing and insulating .....       | 72.5          | 74.1      | 79.4      | 77.3                   | -                      | 53.6                            | 54.5      | 59.7      | 57.7                   | -                      |
| 336                             | Nonferrous foundries .....                         | 69.2          | 72.8      | 80.1      | 78.1                   | 81.0                   | 55.5                            | 59.3      | 66.1      | 64.2                   | 67.0                   |
| 3361                            | Aluminum castings .....                            | 36.6          | 39.0      | 45.1      | 44.5                   | -                      | 29.6                            | 32.1      | 37.9      | 37.3                   | -                      |
| 3362,9                          | Other nonferrous castings .....                    | 32.6          | 33.8      | 35.0      | 33.6                   | -                      | 25.9                            | 27.2      | 28.2      | 26.9                   | -                      |
| 339                             | Miscellaneous primary metal products .....         | 68.6          | 70.9      | 72.7      | 70.5                   | 70.6                   | 53.0                            | 55.5      | 57.5      | 55.4                   | 55.7                   |
| 3391                            | Iron and steel forgings .....                      | 45.7          | 47.3      | 47.3      | 45.3                   | -                      | 35.7                            | 37.3      | 37.7      | 35.8                   | -                      |
| 34                              | <b>FABRICATED METAL PRODUCTS</b> .....             | 1,286.2       | 1,332.0   | 1,400.9   | 1,373.1                | 1,405.2                | 948.4                           | 995.2     | 1,058.0   | 1,030.5                | 1,061.3                |
| 341                             | Metal cans .....                                   | 65.0          | 66.9      | 64.9      | 65.1                   | 64.6                   | 56.1                            | 58.2      | 56.2      | 56.8                   | 56.4                   |
| 342                             | Cutlery, hand tools, and hardware .....            | 144.3         | 148.3     | 168.3     | 163.9                  | 168.1                  | 107.5                           | 111.7     | 130.1     | 125.8                  | 129.1                  |
| 3421,3,5                        | Cutlery and hand tools, including saws .....       | 60.6          | 64.1      | 70.8      | 69.1                   | -                      | 44.6                            | 48.0      | 54.0      | 52.1                   | -                      |
| 3429                            | Hardware, nec .....                                | 83.7          | 84.2      | 97.5      | 94.8                   | -                      | 62.9                            | 63.7      | 76.1      | 73.7                   | -                      |
| 343                             | Plumbing and heating, except electric .....        | 62.8          | 65.4      | 69.9      | 68.7                   | 70.0                   | 44.3                            | 47.0      | 51.5      | 50.3                   | 51.9                   |
| 3431,2                          | Sanitary ware and plumbers' brass goods .....      | 28.4          | 28.7      | 32.1      | 31.6                   | -                      | 20.8                            | 21.3      | 24.5      | 23.9                   | -                      |
| 3433                            | Heating equipment, except electric .....           | 34.4          | 36.7      | 37.8      | 37.1                   | -                      | 23.5                            | 25.7      | 27.0      | 26.4                   | -                      |
| 344                             | Fabricated structural metal products .....         | 449.5         | 458.9     | 450.5     | 451.4                  | 454.0                  | 312.1                           | 321.1     | 313.2     | 313.9                  | 317.3                  |
| 3441                            | Fabricated structural steel .....                  | 106.3         | 107.9     | 97.4      | 97.4                   | -                      | 76.4                            | 77.8      | 68.7      | 68.8                   | -                      |
| 3442                            | Meta'doors, sash, and trim .....                   | 68.0          | 70.9      | 72.8      | 73.3                   | -                      | 48.9                            | 51.6      | 54.1      | 54.5                   | -                      |
| 3443                            | Fabricated plate work (boiler shops) .....         | 137.9         | 140.5     | 137.1     | 136.2                  | -                      | 90.9                            | 93.0      | 89.0      | 87.9                   | -                      |
| 3444                            | Sheet metal work .....                             | 83.4          | 84.0      | 86.8      | 86.6                   | -                      | 60.0                            | 61.0      | 62.6      | 62.5                   | -                      |
| 3446,9                          | Architectural and miscellaneous metal work .....   | 53.9          | 55.6      | 56.4      | 57.9                   | -                      | 35.9                            | 37.7      | 38.8      | 40.2                   | -                      |
| 345                             | Screw machine products, bolts, etc .....           | 89.9          | 90.8      | 99.1      | 97.6                   | (*)                    | 68.6                            | 69.5      | 76.7      | 75.2                   | (*)                    |
| 3451                            | Screw machine products .....                       | 40.6          | 42.0      | 45.8      | 45.6                   | -                      | 32.8                            | 34.1      | 37.5      | 37.4                   | -                      |
| 3452                            | Bolts, nuts, rivets, and washers .....             | 49.3          | 48.8      | 53.3      | 52.0                   | -                      | 35.8                            | 35.4      | 39.2      | 37.8                   | -                      |
| 346                             | Metal stampings .....                              | 184.1         | 206.9     | 230.2     | 212.7                  | (*)                    | 142.7                           | 165.3     | 187.4     | 170.0                  | (*)                    |
| 347                             | Metal services, nec .....                          | 80.2          | 81.7      | 91.6      | 90.2                   | 92.7                   | 64.2                            | 66.2      | 74.7      | 73.2                   | 75.6                   |
| 348                             | Miscellaneous fabricated wire products .....       | 55.1          | 55.9      | 60.2      | 59.2                   | 60.1                   | 42.3                            | 43.2      | 47.8      | 46.7                   | 47.6                   |
| 349                             | Miscellaneous fabricated metal products .....      | 155.3         | 157.2     | 166.2     | 164.3                  | 164.7                  | 110.6                           | 113.0     | 120.4     | 118.6                  | 118.7                  |
| 3494,8                          | Valves, pipe, and pipe fittings .....              | 103.1         | 103.8     | 109.7     | 108.8                  | -                      | 69.7                            | 70.5      | 75.3      | 74.1                   | -                      |

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

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

[In thousands]

| SIC Code                       | Industry                                      | All employees |           |           |                        |                        | Production workers <sup>1</sup> |           |           |                        |                        |
|--------------------------------|---|---------------|-----------|-----------|------------------------|------------------------|---------------------------------|-----------|-----------|------------------------|------------------------|
|                                |   | July 1975     | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975                       | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
| <b>DURABLE GOODS—Continued</b> |   |               |           |           |                        |                        |                                 |           |           |                        |                        |
| 35                             | <b>MACHINERY, EXCEPT ELECTRICAL</b> .....     | 2,005.0       | 2,000.6   | 2,081.8   | 2,062.5                | 2,076.6                | 1,284.3                         | 1,281.9   | 1,345.5   | 1,322.5                | 1,336.0                |
| 351                            | Engines and turbines .....                    | 104.0         | 102.6     | 112.7     | 111.8                  | 111.9                  | 65.4                            | 64.4      | 72.7      | 71.5                   | 71.3                   |
| 3511                           | Steam engines and turbines .....              | 42.0          | 38.4      | 43.3      | 42.7                   | —                      | 22.0                            | 18.8      | 22.9      | 22.4                   | —                      |
| 3519                           | Internal combustion engines, nec. ....        | 62.0          | 64.2      | 69.4      | 69.1                   | —                      | 43.4                            | 45.6      | 49.8      | 49.1                   | —                      |
| 352                            | Farm machinery .....                          | 142.2         | 141.8     | 149.2     | 146.7                  | —                      | 99.3                            | 99.1      | 105.3     | 102.5                  | —                      |
| 353                            | Construction and related machinery ..         | 341.6         | 341.7     | 338.6     | 337.5                  | (*)                    | 223.6                           | 223.5     | 217.8     | 216.5                  | (*)                    |
| 3531.2                         | Construction and mining machinery ..          | 185.5         | 186.9     | 181.5     | 180.5                  | —                      | 121.8                           | 121.9     | 116.7     | 115.9                  | —                      |
| 3533                           | Oil field machinery .....                     | 66.4          | 66.8      | 69.0      | 68.2                   | —                      | 48.3                            | 48.7      | 48.1      | 47.2                   | —                      |
| 3535.6                         | Conveyors, hoists, cranes, monorails ..       | 45.2          | 45.0      | 47.0      | 47.4                   | —                      | 27.0                            | 27.8      | 28.6      | 28.3                   | —                      |
| 3537                           | Industrial trucks and tractors .....          | 30.0          | 29.0      | 28.9      | 29.5                   | —                      | 18.8                            | 17.9      | 18.2      | 18.8                   | —                      |
| 354                            | Metal working machinery .....                 | 297.7         | 294.4     | 307.9     | 303.5                  | 303.1                  | 213.0                           | 210.7     | 223.7     | 219.0                  | 219.1                  |
| 3541                           | Machine tools, metal cutting types ..         | 61.9          | 62.0      | 59.3      | 59.6                   | —                      | 40.3                            | 40.8      | 38.3      | 38.3                   | —                      |
| 3544                           | Special dies, tools, jigs, and fixtures ..    | 111.5         | 111.6     | 121.1     | 117.1                  | —                      | 88.1                            | 88.7      | 97.2      | 93.3                   | —                      |
| 3545                           | Machine tool accessories .....                | 52.7          | 52.5      | 53.4      | 52.9                   | —                      | 36.7                            | 37.0      | 37.6      | 37.1                   | —                      |
| 3542.8                         | Miscellaneous metal working machinery ..      | 71.6          | 68.3      | 74.1      | 73.9                   | —                      | 47.9                            | 44.2      | 50.6      | 50.3                   | —                      |
| 355                            | Special industry machinery .....              | 176.4         | 174.7     | 176.1     | 173.9                  | 175.6                  | 110.5                           | 110.0     | 112.1     | 110.5                  | 111.0                  |
| 3551                           | Food products machinery .....                 | 40.5          | 40.2      | 40.9      | 40.9                   | —                      | 26.2                            | 26.0      | 26.6      | 26.4                   | —                      |
| 3552                           | Textile machinery .....                       | 29.0          | 29.4      | 31.4      | 30.8                   | —                      | 20.1                            | 20.6      | 22.3      | 21.9                   | —                      |
| 3555                           | Printing trades machinery .....               | 25.4          | 25.0      | 24.4      | 24.0                   | —                      | 14.9                            | 15.1      | 14.4      | 14.0                   | —                      |
| 356                            | General industrial machinery .....            | 282.6         | 281.6     | 285.9     | 285.5                  | 287.7                  | 182.7                           | 182.8     | 186.3     | 185.2                  | 186.8                  |
| 3561                           | Pumps and compressors .....                   | 80.0          | 80.0      | 81.4      | 81.4                   | —                      | 47.1                            | 47.4      | 48.4      | 48.2                   | —                      |
| 3562                           | Ball and roller bearings .....                | 50.5          | 51.6      | 53.6      | 53.4                   | —                      | 37.9                            | 38.9      | 40.5      | 39.8                   | —                      |
| 3564                           | Blowers and fans .....                        | 35.5          | 35.2      | 34.4      | 35.0                   | —                      | 22.2                            | 22.2      | 21.9      | 22.4                   | —                      |
| 3566                           | Power transmission equipment .....            | 49.2          | 47.2      | 48.3      | 48.0                   | —                      | 34.7                            | 33.2      | 34.1      | 33.9                   | —                      |
| 357                            | Office and computing machines .....           | 277.4         | 278.0     | 291.4     | 291.7                  | 290.4                  | 111.3                           | 110.6     | 116.5     | 115.6                  | 114.6                  |
| 3573                           | Electronic computing equipment .....          | 209.5         | 209.8     | 218.8     | 219.2                  | —                      | 70.1                            | 69.8      | 73.4      | 72.5                   | —                      |
| 358                            | Service industry machines .....               | 142.4         | 143.1     | 166.5     | 162.2                  | 162.5                  | 95.0                            | 95.3      | 116.6     | 112.0                  | 112.7                  |
| 3585                           | Refrigeration machinery .....                 | 96.1          | 97.2      | 116.3     | 112.8                  | —                      | 65.1                            | 65.9      | 83.2      | 79.3                   | —                      |
| 359                            | Miscellaneous machinery, except electrical .. | 240.7         | 242.7     | 253.5     | 249.7                  | 250.1                  | 183.5                           | 185.5     | 194.5     | 189.7                  | 189.8                  |
| 36                             | <b>ELECTRICAL EQUIPMENT AND SUPPLIES</b> ..   | 1,702.0       | 1,740.3   | 1,842.3   | 1,807.6                | 1,842.3                | 1,086.0                         | 1,123.0   | 1,221.4   | 1,190.9                | 1,222.8                |
| 361                            | Electric test and distributing equipment ..   | 179.4         | 187.9     | 196.0     | 178.0                  | 189.3                  | 114.8                           | 121.8     | 130.9     | 123.7                  | 126.5                  |
| 3611                           | Electric measuring instruments .....          | 61.7          | 67.7      | 71.2      | 69.9                   | —                      | 34.2                            | 39.7      | 42.3      | 41.3                   | —                      |
| 3612                           | Transformers .....                            | 47.5          | 47.2      | 50.6      | 44.3                   | —                      | 33.0                            | 32.9      | 36.4      | 31.6                   | —                      |
| 3613                           | Switchgear and switchboard apparatus ..       | 70.2          | 73.0      | 74.2      | 71.8                   | —                      | 47.6                            | 49.2      | 52.2      | 50.8                   | —                      |
| 362                            | Electrical industrial apparatus .....         | 195.2         | 196.6     | 215.5     | 209.8                  | 212.7                  | 134.5                           | 135.8     | 153.8     | 149.2                  | 151.2                  |
| 3621                           | Motors and generators .....                   | 96.2          | 96.1      | 107.7     | 101.9                  | —                      | 70.0                            | 70.0      | 80.8      | 75.9                   | —                      |
| 3622                           | Industrial controls .....                     | 61.3          | 62.0      | 66.9      | 67.3                   | —                      | 38.5                            | 38.9      | 43.8      | 44.3                   | —                      |
| 363                            | Household appliances .....                    | 150.6         | 157.8     | 169.9     | 166.9                  | 169.3                  | 113.8                           | 120.7     | 132.8     | 130.3                  | 132.3                  |
| 3632                           | Household refrigerators and freezers ..       | 37.0          | 37.6      | 39.0      | 38.0                   | —                      | 28.5                            | 29.1      | 30.2      | 29.1                   | —                      |
| 3633                           | Household laundry equipment .....             | 22.4          | 24.1      | 25.0      | 23.8                   | —                      | 17.0                            | 18.7      | 19.7      | 18.7                   | —                      |
| 3634                           | Electric housewares and fans .....            | 43.6          | 45.8      | 49.0      | 48.4                   | —                      | 33.4                            | 35.4      | 38.5      | 38.3                   | —                      |
| 364                            | Electric lighting and wiring equipment ..     | 173.7         | 177.8     | 196.5     | 191.3                  | 195.8                  | 129.6                           | 134.1     | 152.0     | 145.4                  | 149.3                  |
| 3641                           | Electric lamps .....                          | 33.6          | 33.2      | 37.2      | 36.5                   | —                      | 29.5                            | 29.4      | 33.1      | 32.3                   | —                      |
| 3642                           | Lighting fixtures .....                       | 56.1          | 59.2      | 63.9      | 61.2                   | —                      | 42.0                            | 44.9      | 49.4      | 46.3                   | —                      |
| 3643.4                         | Wiring devices .....                          | 84.0          | 85.4      | 95.4      | 93.6                   | —                      | 58.1                            | 59.8      | 69.5      | 66.8                   | —                      |
| 365                            | Radio and TV receiving equipment .....        | 115.6         | 123.9     | 130.5     | 127.3                  | 131.6                  | 81.8                            | 89.8      | 95.0      | 92.3                   | 96.5                   |
| 366                            | Communication equipment .....                 | 426.2         | 424.6     | 419.5     | 416.5                  | 416.8                  | 211.0                           | 209.3     | 208.4     | 206.1                  | 207.0                  |
| 3661                           | Telephone and telegraph apparatus .....       | 140.7         | 137.9     | 131.4     | 130.6                  | —                      | 89.1                            | 87.0      | 85.1      | 85.2                   | —                      |
| 3662                           | Radio and TV communication equipment ..       | 285.5         | 286.7     | 288.1     | 285.9                  | —                      | 121.9                           | 122.3     | 123.3     | 120.9                  | —                      |
| 367                            | Electronic components and accessories ..      | 336.8         | 342.6     | 372.4     | 370.3                  | (*)                    | 206.0                           | 212.5     | 239.8     | 237.6                  | (*)                    |
| 3671.3                         | Electron tubes .....                          | 43.2          | 43.2      | 41.6      | 41.8                   | —                      | 27.8                            | 27.9      | 27.3      | 27.4                   | —                      |
| 3674.9                         | Other electronic components .....             | 293.6         | 299.4     | 330.8     | 328.5                  | —                      | 178.2                           | 184.6     | 212.5     | 210.2                  | —                      |
| 369                            | Miscellaneous electrical equipment .....      | 124.5         | 129.1     | 142.0     | 139.5                  | 145.9                  | 94.5                            | 99.0      | 108.7     | 106.3                  | 112.2                  |
| 3694                           | Engine electrical equipment .....             | 64.9          | 65.8      | 73.8      | 72.8                   | —                      | 50.7                            | 51.4      | 58.0      | 57.1                   | —                      |
| 37                             | <b>TRANSPORTATION EQUIPMENT</b> .....         | 1,623.2       | 1,636.8   | 1,760.8   | 1,677.4                | 1,725.4                | 1,123.9                         | 1,136.4   | 1,253.6   | 1,169.1                | 1,208.4                |
| 371                            | Motor vehicles and equipment .....            | 749.4         | 766.2     | 866.5     | 804.8                  | 848.4                  | 569.4                           | 586.0     | 677.4     | 614.5                  | 651.5                  |
| 3711                           | Motor vehicles .....                          | 321.6         | 310.0     | 357.3     | 332.7                  | —                      | 235.3                           | 223.9     | 267.5     | 241.3                  | —                      |
| 3712                           | Passenger car bodies .....                    | 43.2          | 45.2      | 48.3      | 25.4                   | —                      | 34.0                            | 35.7      | 38.2      | 16.7                   | —                      |
| 3713                           | Truck and bus bodies .....                    | 38.7          | 38.3      | 39.5      | 39.4                   | —                      | 29.5                            | 29.0      | 30.1      | 30.1                   | —                      |
| 3714                           | Motor vehicle parts and accessories .....     | 328.8         | 355.6     | 399.5     | 385.6                  | —                      | 258.4                           | 285.3     | 325.1     | 310.2                  | —                      |
| 3715                           | Truck trailers .....                          | 17.1          | 17.1      | 21.9      | 21.7                   | —                      | 12.2                            | 12.1      | 16.5      | 16.2                   | —                      |
| 372                            | Aircraft and parts .....                      | 511.5         | 508.0     | 483.0     | 469.0                  | 481.6                  | 272.3                           | 268.5     | 249.4     | 234.9                  | 245.3                  |
| 3721                           | Aircraft .....                                | 276.4         | 277.2     | 260.3     | 253.2                  | —                      | 135.6                           | 135.7     | 124.3     | 117.5                  | —                      |
| 3722                           | Aircraft engines and engine parts .....       | 135.6         | 132.4     | 131.6     | 125.6                  | —                      | 73.2                            | 70.8      | 70.7      | 64.3                   | —                      |
| 3723.9                         | Other aircraft parts and equipment .....      | 99.5          | 98.4      | 91.1      | 90.2                   | —                      | 63.5                            | 62.0      | 54.4      | 53.1                   | —                      |
| 373                            | Ship and boat building and repairing .....    | 188.5         | 189.5     | 215.7     | 211.6                  | 208.4                  | 147.6                           | 148.1     | 171.9     | 168.3                  | 164.9                  |
| 3731                           | Ship building and repairing .....             | 149.0         | 150.4     | 168.1     | 165.7                  | —                      | 115.8                           | 117.0     | 132.5     | 130.9                  | —                      |

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> |           |           |                        |                        |
|----------|--|---------------|-----------|-----------|------------------------|------------------------|---------------------------------|-----------|-----------|------------------------|------------------------|
|          |  | July 1975     | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975                       | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
|          | <b>DURABLE GOODS—Continued</b>                 |               |           |           |                        |                        |                                 |           |           |                        |                        |
|          | <b>TRANSPORTATION EQUIPMENT—Continued</b>      |               |           |           |                        |                        |                                 |           |           |                        |                        |
| 3732     | Boat building and repairing .....              | 39.5          | 39.1      | 47.6      | 45.9                   | —                      | 31.8                            | 31.1      | 39.4      | 37.4                   | —                      |
| 374      | Railroad equipment .....                       | 51.0          | 50.1      | 41.2      | 40.0                   | —                      | 37.9                            | 37.3      | 29.7      | 28.7                   | —                      |
| 375.9    | Other transportation equipment .....           | 122.8         | 123.0     | 154.4     | 152.0                  | —                      | 96.7                            | 96.5      | 125.2     | 122.7                  | —                      |
| 38       | <b>INSTRUMENTS AND RELATED PRODUCTS</b>        | 481.3         | 483.8     | 515.3     | 511.3                  | 519.1                  | 285.2                           | 287.8     | 315.1     | 312.4                  | 315.4                  |
| 381      | Engineering and scientific instruments .....   | 60.5          | 60.7      | 59.1      | 58.9                   | —                      | 29.8                            | 30.2      | 28.7      | 28.7                   | —                      |
| 382      | Mechanical measuring and control devices ..... | 106.1         | 107.6     | 119.0     | 118.4                  | 119.1                  | 64.9                            | 66.4      | 76.5      | 75.6                   | 76.5                   |
| 3821     | Mechanical measuring devices .....             | 73.5          | 73.5      | 76.4      | 76.3                   | —                      | 43.0                            | 43.0      | 45.6      | 45.1                   | —                      |
| 3822     | Automatic temperature controls .....           | 32.6          | 34.1      | 42.6      | 42.1                   | —                      | 21.9                            | 23.4      | 30.9      | 30.5                   | —                      |
| 383.5    | Optical and ophthalmic goods .....             | 58.5          | 59.0      | 64.8      | 63.9                   | 65.2                   | 39.1                            | 39.6      | 44.1      | 43.4                   | 44.2                   |
| 385      | Ophthalmic goods .....                         | 38.1          | 38.5      | 42.6      | 42.1                   | —                      | 27.4                            | 27.9      | 31.3      | 30.8                   | —                      |
| 384      | Medical instruments and supplies .....         | 100.6         | 100.9     | 109.8     | 108.5                  | 111.7                  | 66.0                            | 65.7      | 73.6      | 72.6                   | 73.2                   |
| 386      | Photographic equipment and supplies .....      | 126.4         | 125.8     | 131.4     | 131.6                  | (*)                    | 62.1                            | 61.9      | 67.1      | 68.2                   | (*)                    |
| 387      | Watches, clocks, and watchcases .....          | 29.2          | 29.8      | 31.2      | 30.0                   | —                      | 23.3                            | 24.0      | 25.1      | 23.9                   | —                      |
|          | <b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b>  | 395.5         | 417.0     | 430.8     | 416.0                  | 427.3                  | 300.9                           | 321.6     | 330.8     | 316.4                  | 326.4                  |
| 391      | Jewelry, silverware, and plated ware .....     | 45.5          | 49.8      | 54.4      | 51.6                   | 57.2                   | 33.0                            | 36.5      | 40.4      | 37.3                   | 42.0                   |
| 394      | Toys and sporting goods .....                  | 116.3         | 124.5     | 125.4     | 124.1                  | —                      | 90.1                            | 98.2      | 97.3      | 96.3                   | —                      |
| 3941-3   | Games, toys, dolls, and play vehicles .....    | 65.9          | 74.4      | 68.8      | 68.5                   | —                      | 50.4                            | 58.7      | 51.6      | 51.5                   | —                      |
| 3949     | Sporting and athletic goods, nec .....         | 50.4          | 50.1      | 56.6      | 55.6                   | —                      | 39.7                            | 39.5      | 45.7      | 44.8                   | —                      |
| 395      | Pens, pencils, office, and art supplies .....  | 34.6          | 35.7      | 34.7      | 33.1                   | —                      | 25.1                            | 26.1      | 24.4      | 23.0                   | —                      |
| 396      | Costume jewelry and notions .....              | 50.9          | 54.2      | 55.0      | 50.4                   | —                      | 41.1                            | 44.3      | 44.9      | 40.6                   | —                      |
| 393.9    | Other manufacturing industries .....           | 148.2         | 152.8     | 161.3     | 156.8                  | 160.9                  | 111.6                           | 116.5     | 123.8     | 119.2                  | 123.3                  |
| 393      | Musical instruments and parts .....            | 22.1          | 23.3      | 24.6      | 23.2                   | —                      | 17.9                            | 19.2      | 20.5      | 19.0                   | —                      |
|          | <b>NONDURABLE GOODS</b>                        |               |           |           |                        |                        |                                 |           |           |                        |                        |
| 20       | <b>FOOD AND KINDRED PRODUCTS</b>               | 1,703.4       | 1,804.1   | 1,707.4   | 1,748.9                | 1,844.8                | 1,156.7                         | 1,256.6   | 1,157.1   | 1,197.2                | 1,290.1                |
| 201      | Meat products .....                            | 339.5         | 344.1     | 353.3     | 354.2                  | 356.6                  | 278.1                           | 282.8     | 290.1     | 290.1                  | 293.4                  |
| 2011     | Meat packing plants .....                      | 165.5         | 166.3     | 170.1     | 168.2                  | —                      | 132.9                           | 133.8     | 136.4     | 134.1                  | —                      |
| 2013     | Sausages and other prepared meats .....        | 65.5          | 66.3      | 66.5      | 67.1                   | —                      | 45.8                            | 46.7      | 47.3      | 47.6                   | —                      |
| 2015     | Poultry dressing plants .....                  | 108.5         | 111.5     | 116.7     | 118.9                  | —                      | 99.4                            | 102.3     | 106.4     | 108.4                  | —                      |
| 202      | Dairy products .....                           | 202.5         | 200.5     | 199.2     | 200.0                  | 198.4                  | 105.8                           | 104.1     | 105.1     | 105.7                  | 104.8                  |
| 2024     | Ice cream and frozen desserts .....            | 25.4          | 24.7      | 25.5      | 25.7                   | —                      | 14.5                            | 13.8      | 14.2      | 14.4                   | —                      |
| 2026     | Fluid milk .....                               | 130.3         | 129.7     | 125.8     | 126.3                  | —                      | 56.1                            | 55.5      | 54.8      | 55.0                   | —                      |
| 203      | Canned, cured, and frozen foods .....          | 306.4         | 397.0     | 290.1     | 322.7                  | —                      | 258.3                           | 348.6     | 239.4     | 272.7                  | —                      |
| 2031.6   | Canned, cured, and frozen sea foods .....      | 47.2          | 47.6      | 47.5      | 48.1                   | —                      | 40.3                            | 40.7      | 41.6      | 42.1                   | —                      |
| 2032.3   | Canned food, except sea foods .....            | 148.3         | 227.8     | 127.6     | 159.7                  | —                      | 124.3                           | 203.8     | 101.9     | 135.0                  | —                      |
| 2037     | Frozen fruits and vegetables .....             | 61.6          | 70.1      | 66.3      | 62.1                   | —                      | 53.6                            | 62.0      | 57.8      | 53.3                   | —                      |
| 204      | Grain mill products .....                      | 138.3         | 139.9     | 143.4     | 144.4                  | 144.8                  | 96.6                            | 98.6      | 99.9      | 100.4                  | 100.1                  |
| 2041     | Flour and other grain mill products .....      | 25.9          | 25.9      | 26.2      | 26.5                   | —                      | 18.5                            | 18.6      | 18.4      | 18.7                   | —                      |
| 2042     | Prepared feeds for animals and fowls .....     | 72.1          | 72.7      | 75.1      | 74.7                   | —                      | 47.5                            | 48.6      | 49.7      | 48.8                   | —                      |
| 205      | Bakery products .....                          | 239.5         | 239.5     | 244.1     | 245.0                  | 245.0                  | 137.8                           | 138.1     | 140.9     | 141.6                  | 142.3                  |
| 2051     | Bread, cake, and related products .....        | 198.5         | 198.6     | 202.6     | 203.6                  | —                      | 105.6                           | 106.0     | 108.1     | 109.0                  | —                      |
| 2052     | Cookies and crackers .....                     | 41.0          | 40.9      | 41.5      | 41.4                   | —                      | 32.2                            | 32.1      | 32.8      | 32.6                   | —                      |
| 206      | Sugar .....                                    | 31.1          | 31.7      | 30.4      | 30.8                   | —                      | 22.7                            | 23.4      | 21.8      | 22.5                   | —                      |
| 207      | Confectionery and related products .....       | 70.3          | 73.9      | 75.2      | 75.9                   | (*)                    | 52.9                            | 56.1      | 57.1      | 57.7                   | (*)                    |
| 2071     | Confectionery products .....                   | 51.1          | 54.3      | 55.1      | 55.1                   | —                      | 39.1                            | 42.1      | 42.9      | 42.9                   | —                      |
| 208      | Beverages .....                                | 232.1         | 231.3     | 230.0     | 232.2                  | 232.3                  | 113.0                           | 112.5     | 111.6     | 112.9                  | 112.7                  |
| 2082     | Malt liquors .....                             | 53.7          | 53.1      | 49.1      | 50.6                   | —                      | 36.1                            | 35.7      | 35.3      | 37.0                   | —                      |
| 2086     | Bottled and canned soft drinks .....           | 133.1         | 132.9     | 136.5     | 138.0                  | —                      | 50.4                            | 50.1      | 50.6      | 51.5                   | —                      |
| 209      | Miscellaneous foods and kindred products ..... | 143.7         | 146.2     | 141.7     | 143.7                  | 144.5                  | 91.5                            | 92.4      | 91.2      | 93.6                   | 92.9                   |
| 21       | <b>TOBACCO MANUFACTURES</b>                    | 72.0          | 85.1      | 67.7      | 73.2                   | 82.3                   | 58.7                            | 71.5      | 54.8      | 60.3                   | 68.8                   |
| 211      | Cigarettes .....                               | 44.4          | 45.4      | 45.8      | 46.2                   | —                      | 36.0                            | 37.0      | 37.4      | 37.8                   | —                      |
| 212      | Cigars .....                                   | 9.6           | 11.3      | 10.3      | 9.7                    | —                      | 8.3                             | 9.9       | 9.0       | 8.5                    | —                      |
| 22       | <b>TEXTILE MILL PRODUCTS</b>                   | 884.7         | 923.4     | 981.3     | 951.9                  | 976.7                  | 766.2                           | 804.5     | 858.2     | 830.4                  | 854.2                  |
| 221      | Weaving mills, cotton .....                    | 160.6         | 166.4     | 176.3     | 172.5                  | (*)                    | 144.5                           | 150.5     | 160.6     | 156.9                  | (*)                    |
| 222      | Weaving mills, synthetics .....                | 113.1         | 116.1     | 123.9     | 120.8                  | (*)                    | 100.8                           | 103.7     | 110.7     | 107.8                  | (*)                    |
| 223      | Weaving and finishing mills, wool .....        | 19.9          | 20.4      | 23.1      | 22.2                   | 22.8                   | 16.2                            | 16.8      | 19.3      | 18.5                   | 19.0                   |
| 224      | Narrow fabric mills .....                      | 21.5          | 23.1      | 27.7      | 25.1                   | (*)                    | 18.4                            | 19.9      | 24.2      | 21.8                   | (*)                    |
| 225      | Knitting mills .....                           | 241.5         | 251.4     | 266.8     | 256.8                  | 260.6                  | 207.0                           | 216.5     | 230.6     | 221.0                  | 224.6                  |
| 2251     | Women's hosiery, except socks .....            | 38.2          | 39.0      | 38.5      | 37.4                   | —                      | 33.5                            | 34.3      | 33.9      | 33.1                   | —                      |
| 2252     | Hosiery, nec .....                             | 30.7          | 32.4      | 35.9      | 34.9                   | —                      | 27.1                            | 28.7      | 32.0      | 31.1                   | —                      |
| 2253     | Knit outerwear mills .....                     | 67.8          | 73.0      | 79.9      | 74.9                   | —                      | 56.9                            | 61.9      | 68.4      | 63.7                   | —                      |
| 2254     | Knit underwear mills .....                     | 36.2          | 36.8      | 40.7      | 40.6                   | —                      | 31.5                            | 32.1      | 35.7      | 35.4                   | —                      |

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> |           |           |                        |                        |
|-----------|---|---------------|-----------|-----------|------------------------|------------------------|---------------------------------|-----------|-----------|------------------------|------------------------|
|           |   | July 1975     | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975                       | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
|           | <b>NONDURABLE GOODS—Continued</b>               |               |           |           |                        |                        |                                 |           |           |                        |                        |
|           | <b>TEXTILE MILL PRODUCTS—Continued</b>          |               |           |           |                        |                        |                                 |           |           |                        |                        |
| 226       | Textile finishing, except wool .....            | 75.1          | 78.6      | 83.9      | 80.8                   | (*)                    | 63.2                            | 66.3      | 71.4      | 68.4                   | (*)                    |
| 227       | Floor covering mills .....                      | 56.2          | 58.8      | 60.3      | 59.2                   | —                      | 44.3                            | 47.0      | 47.5      | 46.4                   | —                      |
| 228       | Yarn and thread mills .....                     | 135.9         | 144.4     | 155.8     | 151.5                  | (*)                    | 122.8                           | 131.5     | 142.7     | 138.7                  | (*)                    |
| 229       | Miscellaneous textile goods .....               | 60.9          | 64.2      | 63.5      | 63.0                   | 64.7                   | 49.0                            | 52.3      | 51.2      | 50.9                   | 52.4                   |
| 23        | <b>APPAREL AND OTHER TEXTILE PRODUCTS</b>       | 1,191.4       | 1,255.1   | 1,331.0   | 1,251.6                | 1,316.8                | 1,022.2                         | 1,080.9   | 1,148.2   | 1,071.7                | 1,131.2                |
| 231       | Men's and boys' suits and coats .....           | 82.7          | 85.7      | 90.8      | 83.5                   | (*)                    | 71.8                            | 74.4      | 79.9      | 73.4                   | (*)                    |
| 232       | Men's and boys' furnishings .....               | 343.3         | 359.8     | 393.8     | 374.2                  | 388.0                  | 294.2                           | 308.7     | 339.6     | 319.6                  | 332.2                  |
| 2321      | Men's and boys' shirts and nightwear .....      | 108.5         | 112.5     | 122.2     | 115.4                  | —                      | 94.4                            | 98.1      | 107.1     | 100.4                  | —                      |
| 2327      | Men's and boys' separate trousers .....         | 76.2          | 80.2      | 88.1      | 84.1                   | —                      | 66.6                            | 70.1      | 77.1      | 73.4                   | —                      |
| 2328      | Men's and boys' work clothing .....             | 84.0          | 87.2      | 94.7      | 90.0                   | —                      | 69.4                            | 72.3      | 78.6      | 73.2                   | —                      |
| 233       | Women's and misses' outerwear .....             | 366.6         | 388.0     | 396.3     | 375.2                  | 396.2                  | 320.3                           | 340.6     | 347.6     | 327.8                  | 345.8                  |
| 2331      | Women's and misses' blouses and waists .....    | 46.0          | 49.3      | 50.7      | 48.2                   | —                      | 40.3                            | 43.5      | 44.8      | 42.5                   | —                      |
| 2335      | Women's and misses' dresses .....               | 161.8         | 169.9     | 170.2     | 161.5                  | —                      | 144.9                           | 152.5     | 152.0     | 144.1                  | —                      |
| 2337      | Women's and misses' suits and coats .....       | 58.3          | 63.0      | 60.6      | 58.0                   | —                      | 49.2                            | 53.6      | 52.0      | 49.4                   | —                      |
| 2339      | Women's and misses' outerwear, nec .....        | 100.5         | 105.8     | 114.8     | 107.5                  | —                      | 85.9                            | 91.0      | 98.8      | 91.8                   | —                      |
| 234       | Women's and children's undergarments .....      | 92.3          | 98.8      | 103.3     | 97.3                   | 103.0                  | 78.7                            | 84.1      | 87.8      | 82.2                   | 87.5                   |
| 2341      | Women's and children's underwear .....          | 70.8          | 75.5      | 78.3      | 73.4                   | —                      | 61.1                            | 65.4      | 67.9      | 63.2                   | —                      |
| 2342      | Corsets and allied garments .....               | 21.5          | 23.3      | 25.0      | 23.9                   | —                      | 17.6                            | 18.7      | 19.9      | 19.0                   | —                      |
| 235       | Hats, caps, and millinery .....                 | 15.0          | 15.4      | 16.1      | 15.5                   | —                      | 13.1                            | 13.5      | 14.0      | 13.4                   | —                      |
| 236       | Children's outerwear .....                      | 71.4          | 72.4      | 81.5      | 71.0                   | (*)                    | 61.5                            | 62.8      | 70.5      | 60.3                   | (*)                    |
| 2361      | Children's dresses and blouses .....            | 28.8          | 28.5      | 32.3      | 30.6                   | —                      | 26.0                            | 25.7      | 29.2      | 27.3                   | —                      |
| 237,8     | Fur goods and miscellaneous apparel .....       | 61.4          | 65.2      | 69.1      | 64.8                   | —                      | 52.6                            | 56.4      | 59.9      | 55.7                   | —                      |
| 239       | Miscellaneous fabricated textile products ..... | 158.7         | 169.8     | 180.1     | 170.1                  | 180.0                  | 130.0                           | 140.4     | 148.9     | 139.3                  | 148.6                  |
| 2391,2    | Housefurnishings .....                          | 66.1          | 73.0      | 76.3      | 72.0                   | —                      | 55.0                            | 61.6      | 64.0      | 59.9                   | —                      |
| 26        | <b>PAPER AND ALLIED PRODUCTS</b>                | 632.9         | 644.9     | 684.7     | 678.9                  | 685.3                  | 473.8                           | 484.5     | 522.3     | 516.0                  | 522.1                  |
| 261,2,6   | Paper and pulp mills .....                      | 192.8         | 192.0     | 202.1     | 201.0                  | 201.9                  | 147.7                           | 146.6     | 155.9     | 155.0                  | 156.0                  |
| 263       | Paperboard mills .....                          | 65.0          | 66.8      | 70.8      | 71.5                   | 72.0                   | 50.3                            | 52.4      | 56.4      | 56.4                   | 57.0                   |
| 264       | Miscellaneous converted paper products .....    | 184.8         | 189.4     | 198.9     | 196.3                  | 199.5                  | 131.0                           | 134.4     | 143.3     | 140.6                  | 143.9                  |
| 2643      | Bags, except textile bags .....                 | 39.3          | 41.3      | 42.7      | 42.2                   | —                      | 30.8                            | 33.0      | 34.0      | 33.4                   | —                      |
| 265       | Paperboard containers and boxes .....           | 190.3         | 196.7     | 212.9     | 210.1                  | 211.9                  | 144.8                           | 151.1     | 166.7     | 164.0                  | 165.2                  |
| 2651,2    | Folding and setup paperboard boxes .....        | 52.2          | 54.9      | 60.1      | 58.8                   | —                      | 41.3                            | 43.9      | 49.2      | 48.1                   | —                      |
| 2653      | Corrugated and solid fiber boxes .....          | 92.8          | 95.6      | 103.1     | 101.9                  | —                      | 67.3                            | 69.9      | 76.6      | 75.3                   | —                      |
| 2654      | Sanitary food containers .....                  | 28.0          | 28.7      | 31.4      | 31.1                   | —                      | 22.9                            | 23.7      | 26.2      | 25.8                   | —                      |
| 27        | <b>PRINTING AND PUBLISHING</b>                  | 1,065.2       | 1,069.5   | 1,077.8   | 1,075.3                | 1,077.7                | 623.7                           | 628.4     | 629.6     | 624.0                  | 628.0                  |
| 271       | Newspapers .....                                | 375.5         | 376.2     | 383.2     | 382.6                  | 382.3                  | 165.5                           | 166.5     | 167.2     | 165.0                  | 164.5                  |
| 272       | Periodicals .....                               | 68.8          | 69.4      | 68.6      | 69.9                   | —                      | 18.0                            | 18.2      | 18.2      | 18.5                   | —                      |
| 273       | Books .....                                     | 90.6          | 90.6      | 88.1      | 86.4                   | —                      | 47.9                            | 48.3      | 47.2      | 45.5                   | —                      |
| 275       | Commercial printing .....                       | 353.3         | 354.7     | 356.9     | 355.0                  | 354.9                  | 265.8                           | 267.2     | 268.3     | 266.4                  | 266.2                  |
| 2751      | Commercial printing, except lithographic .....  | 201.1         | 201.1     | 203.8     | 201.7                  | —                      | 154.1                           | 154.0     | 155.9     | 154.1                  | —                      |
| 2752      | Commercial printing, lithographic .....         | 142.8         | 144.1     | 143.1     | 143.4                  | —                      | 104.7                           | 106.1     | 104.8     | 104.8                  | —                      |
| 278       | Blankbooks and bookbinding .....                | 48.6          | 49.4      | 51.1      | 50.5                   | (*)                    | 39.9                            | 40.8      | 41.9      | 41.1                   | (*)                    |
| 274,6,7,9 | Other publishing and printing ind .....         | 128.4         | 129.2     | 129.9     | 130.9                  | (*)                    | 86.6                            | 87.4      | 86.8      | 87.5                   | (*)                    |
| 28        | <b>CHEMICALS AND ALLIED PRODUCTS</b>            | 1,006.8       | 1,015.8   | 1,036.2   | 1,041.6                | 1,042.4                | 562.3                           | 571.5     | 591.5     | 590.5                  | 596.2                  |
| 281       | Industrial chemicals .....                      | 323.0         | 323.9     | 337.1     | 340.9                  | (*)                    | 168.8                           | 169.8     | 181.1     | 181.1                  | (*)                    |
| 2812      | Alkalies and chlorine .....                     | 21.6          | 21.7      | 21.7      | 21.8                   | —                      | 15.2                            | 15.5      | 16.0      | 15.9                   | —                      |
| 2818      | Industrial organic chemicals, nec .....         | 134.8         | 134.8     | 139.9     | 141.9                  | —                      | 58.1                            | 57.9      | 61.6      | 62.0                   | —                      |
| 2819      | Industrial inorganic chemicals, nec .....       | 106.7         | 106.8     | 108.6     | 110.1                  | —                      | 58.7                            | 59.0      | 60.6      | 60.6                   | —                      |
| 282       | Plastics materials and synthetics .....         | 202.1         | 206.3     | 205.0     | 204.2                  | (*)                    | 132.1                           | 136.6     | 136.4     | 135.6                  | (*)                    |
| 2821      | Plastics materials and resins .....             | 83.1          | 85.6      | 88.5      | 87.8                   | —                      | 48.4                            | 51.2      | 55.6      | 55.0                   | —                      |
| 2823,4    | Synthetic fibers .....                          | 107.3         | 108.6     | 105.0     | 104.9                  | —                      | 75.7                            | 76.9      | 72.7      | 72.5                   | —                      |
| 283       | Drugs .....                                     | 164.2         | 164.2     | 169.8     | 170.0                  | (*)                    | 80.5                            | 80.1      | 84.8      | 84.1                   | (*)                    |
| 2834      | Pharmaceutical preparations .....               | 131.1         | 131.1     | 135.2     | 135.3                  | —                      | 62.0                            | 61.7      | 65.2      | 64.5                   | —                      |
| 284       | Soap, cleaners, and toilet goods .....          | 118.2         | 121.1     | 118.4     | 121.4                  | 124.6                  | 67.4                            | 70.3      | 68.9      | 71.0                   | 73.4                   |
| 2841      | Soap and other detergents .....                 | 38.4          | 38.8      | 35.2      | 38.2                   | —                      | 25.2                            | 25.5      | 22.5      | 24.8                   | —                      |
| 2844      | Toilet preparations .....                       | 48.0          | 49.9      | 49.7      | 49.7                   | —                      | 26.5                            | 28.3      | 28.9      | 28.8                   | —                      |
| 285       | Paints and allied products .....                | 66.2          | 66.3      | 68.0      | 68.5                   | 68.2                   | 35.7                            | 36.0      | 37.2      | 37.1                   | 37.2                   |
| 287       | Agricultural chemicals .....                    | 53.8          | 52.9      | 56.6      | 54.6                   | 54.3                   | 32.1                            | 31.3      | 34.8      | 32.9                   | 32.4                   |
| 2871,2    | Fertilizers, complete and mixing only .....     | 31.9          | 31.5      | 33.7      | 31.9                   | —                      | 21.0                            | 20.7      | 23.2      | 21.3                   | —                      |
| 286,9     | Other chemical products .....                   | 79.3          | 81.1      | 81.3      | 82.0                   | 81.2                   | 45.7                            | 47.4      | 48.3      | 48.7                   | 48.7                   |
| 2892      | Explosives .....                                | 17.5          | 17.1      | 15.2      | 15.2                   | —                      | 11.2                            | 11.0      | 9.7       | 9.8                    | —                      |
| 29        | <b>PETROLEUM AND COAL PRODUCTS</b>              | 204.6         | 204.6     | 205.7     | 207.3                  | 207.0                  | 131.6                           | 132.1     | 133.9     | 135.4                  | 134.9                  |
| 291       | Petroleum refining ** .....                     | 159.1         | 158.2     | 158.3     | 159.1                  | 159.4                  | 98.3                            | 98.1      | 98.8      | 99.4                   | 99.8                   |
| 295,9     | Other petroleum and coal products .....         | 45.5          | 46.4      | 47.4      | 48.2                   | 47.6                   | 33.3                            | 34.0      | 35.1      | 36.0                   | 35.1                   |

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

| SIC Code    | Industry  | All employees |           |           |                        |                        | Production workers <sup>1</sup> |           |           |                        |                        |
|-------------|---|---------------|-----------|-----------|------------------------|------------------------|---------------------------------|-----------|-----------|------------------------|------------------------|
|             |   | July 1975     | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> | July 1975                       | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> |
|             | <b>NONDURABLE GOODS—Continued</b>                   |               |           |           |                        |                        |                                 |           |           |                        |                        |
| 30          | <b>RUBBER AND PLASTICS PRODUCTS, NEC...</b>         | 571.0         | 592.4     | 580.0     | 567.1                  | 581.1                  | 434.7                           | 456.3     | 439.5     | 427.4                  | 439.3                  |
| 301         | Tires and inner tubes .....                         | 115.8         | 116.6     | 60.1      | 57.1                   | 56.3                   | 83.2                            | 84.0      | 28.4      | 26.0                   | 25.8                   |
| 302,3,6     | Other rubber products .....                         | 150.5         | 154.3     | 162.6     | 159.0                  | (*)                    | 115.6                           | 120.0     | 126.4     | 123.1                  | (*)                    |
| 302         | Rubber footwear .....                               | 21.9          | 22.8      | 20.3      | 18.9                   | —                      | 18.0                            | 19.1      | 16.6      | 15.5                   | —                      |
| 307         | Miscellaneous plastics products .....               | 304.7         | 321.5     | 357.3     | 351.0                  | 359.0                  | 235.9                           | 252.3     | 284.7     | 278.3                  | 285.4                  |
| 31          | <b>LEATHER AND LEATHER PRODUCTS .....</b>           | 249.8         | 262.6     | 282.7     | 266.0                  | 273.2                  | 213.5                           | 225.8     | 245.0     | 230.4                  | 236.3                  |
| 311         | Leather tanning and finishing .....                 | 22.3          | 23.4      | 25.0      | 23.3                   | 23.4                   | 19.1                            | 20.1      | 21.7      | 20.1                   | 20.1                   |
| 314         | Footwear, except rubber .....                       | 159.1         | 164.8     | 177.4     | 167.7                  | (*)                    | 138.2                           | 143.6     | 155.9     | 147.9                  | (*)                    |
| 312,3,5,7,9 | Other leather products .....                        | 68.4          | 74.4      | 80.3      | 75.0                   | (*)                    | 56.2                            | 62.1      | 67.4      | 62.4                   | (*)                    |
| 316         | Luggage .....                                       | 15.3          | 16.3      | 19.0      | 17.7                   | —                      | 12.0                            | 13.0      | 15.3      | 14.0                   | —                      |
| 317         | Handbags and personal leather goods .....           | 32.3          | 35.4      | 36.4      | 34.4                   | —                      | 26.7                            | 29.7      | 30.8      | 29.0                   | —                      |
| —           | <b>TRANSPORTATION AND PUBLIC UTILITIES .....</b>    | 4,504         | 4,493     | 4,531     | 4,532                  | 4,522                  | 3,865                           | 3,852     | 3,882     | 3,880                  | 3,872                  |
| 40          | <b>RAILROAD TRANSPORTATION .....</b>                | 537.4         | 534.7     | 531.8     | 536.6                  | —                      | —                               | —         | —         | —                      | —                      |
| 4011        | Class I railroads <sup>2</sup> .....                | 490.7         | 488.9     | 494.4     | 497.3                  | —                      | —                               | —         | —         | —                      | —                      |
| 41          | <b>LOCAL AND INTERURBAN PASSENGER TRANSIT .....</b> | 238.8         | 236.9     | 265.7     | 239.1                  | —                      | —                               | —         | —         | —                      | —                      |
| 411         | Local and suburban transportation .....             | 68.1          | 68.2      | 68.1      | 67.5                   | —                      | 62.9                            | 63.0      | 62.8      | 61.9                   | —                      |
| 412         | Taxicabs .....                                      | 81.7          | 80.8      | 77.2      | 77.1                   | —                      | —                               | —         | —         | —                      | —                      |
| 413         | Intercity highway transportation .....              | 41.2          | 41.0      | 40.4      | 42.2                   | —                      | 37.3                            | 37.1      | 36.7      | 38.4                   | —                      |
| 42          | <b>TRUCKING AND WAREHOUSING .....</b>               | 1,096.1       | 1,099.5   | 1,106.1   | 1,116.5                | —                      | 979.8                           | 983.2     | 987.7     | 996.9                  | —                      |
| 421,3       | Trucking and trucking terminals .....               | 1,008.6       | 1,011.2   | 1,021.6   | 1,031.4                | —                      | 904.6                           | 907.6     | 915.9     | 924.3                  | —                      |
| 422         | Public warehousing .....                            | 87.5          | 88.3      | 84.5      | 85.1                   | —                      | 75.2                            | 75.6      | 71.8      | 72.6                   | —                      |
| 45          | <b>TRANSPORTATION BY AIR .....</b>                  | 366.6         | 368.1     | 369.8     | 374.4                  | —                      | —                               | —         | —         | —                      | —                      |
| 451,2       | Air transportation .....                            | 331.2         | 331.7     | 335.2     | 339.6                  | —                      | —                               | —         | —         | —                      | —                      |
| 46          | <b>PIPELINE TRANSPORTATION .....</b>                | 17.0          | 17.1      | 17.0      | 17.1                   | —                      | 13.2                            | 13.1      | 12.6      | 12.8                   | —                      |
| 44,47       | <b>OTHER TRANSPORTATION AND SERVICES .....</b>      | 335.6         | 330.1     | 354.3     | 352.9                  | —                      | —                               | —         | —         | —                      | —                      |
| 44          | <b>WATER TRANSPORTATION .....</b>                   | 195.0         | 190.3     | 206.3     | 205.7                  | —                      | —                               | —         | —         | —                      | —                      |
| 47          | <b>TRANSPORTATION SERVICES .....</b>                | 140.6         | 139.8     | 148.0     | 147.2                  | —                      | —                               | —         | —         | —                      | —                      |
| 48          | <b>COMMUNICATION .....</b>                          | 1,171.7       | 1,169.9   | 1,143.3   | 1,146.0                | —                      | 903.8                           | 901.2     | 875.9     | 879.1                  | —                      |
| 481         | Telephone communication .....                       | 966.4         | 963.6     | 936.1     | 937.4                  | —                      | 739.0                           | 735.7     | 708.3     | 709.3                  | —                      |
| 482         | Telegraph communication <sup>3</sup> .....          | 18.4          | 18.6      | 17.1      | 17.5                   | —                      | 12.9                            | 13.0      | 12.6      | 12.9                   | —                      |
| 483         | Radio and television broadcasting .....             | 154.6         | 155.2     | 156.3     | 157.2                  | —                      | 124.0                           | 124.4     | 125.7     | 127.3                  | —                      |
| 49          | <b>ELECTRIC, GAS, AND SANITARY SERVICES .....</b>   | 741.0         | 736.8     | 742.7     | 749.1                  | —                      | 619.2                           | 614.7     | 618.1     | 623.0                  | —                      |
| 491         | Electric companies and systems .....                | 313.6         | 310.4     | 317.2     | 319.1                  | —                      | 259.4                           | 255.9     | 261.7     | 263.0                  | —                      |
| 492         | Gas companies and systems .....                     | 164.6         | 164.2     | 161.9     | 163.8                  | —                      | 137.4                           | 136.9     | 133.9     | 135.5                  | —                      |
| 493         | Combination companies and systems .....             | 196.7         | 196.2     | 196.0     | 197.2                  | —                      | 166.0                           | 165.5     | 164.5     | 165.2                  | —                      |
| 494,7       | Water, steam, and sanitary systems .....            | 66.1          | 66.0      | 67.6      | 69.0                   | —                      | 56.4                            | 56.4      | 58.0      | 59.3                   | —                      |
| —           | <b>WHOLESALE AND RETAIL TRADE .....</b>             | 16,936        | 16,959    | 17,552    | 17,509                 | 17,553                 | 14,951                          | 14,973    | 15,514    | 15,473                 | 15,502                 |
| 50          | <b>WHOLESALE TRADE .....</b>                        | 4,190         | 4,192     | 4,280     | 4,292                  | 4,302                  | 3,476                           | 3,479     | 3,544     | 3,554                  | 3,564                  |
| 501         | Motor vehicles and automotive equipment .....       | 366.8         | 367.4     | 384.2     | 385.3                  | —                      | 299.7                           | 300.2     | 314.2     | 314.6                  | —                      |
| 502         | Drugs, chemicals, and allied products .....         | 238.6         | 239.3     | 242.2     | 242.2                  | —                      | 192.1                           | 192.6     | 193.3     | 193.5                  | —                      |
| 503         | Dry goods and apparel .....                         | 152.0         | 153.5     | 157.4     | 154.9                  | —                      | 118.1                           | 120.3     | 122.9     | 121.3                  | —                      |
| 504         | Groceries and related products .....                | 609.0         | 606.5     | 623.6     | 629.8                  | —                      | 532.0                           | 529.2     | 543.6     | 549.6                  | —                      |
| 506         | Electrical goods .....                              | 320.6         | 320.2     | 318.6     | 318.8                  | —                      | 270.2                           | 270.3     | 269.2     | 268.9                  | —                      |
| 507         | Hardware, plumbing and heating equipment .....      | 182.2         | 183.1     | 186.7     | 187.8                  | —                      | 151.6                           | 152.3     | 154.7     | 155.6                  | —                      |
| 508         | Machinery, equipment, and supplies .....            | 878.3         | 878.1     | 890.3     | 889.8                  | —                      | 728.2                           | 728.3     | 734.2     | 733.8                  | —                      |
| 509         | Miscellaneous wholesalers .....                     | 1,343.4       | 1,342.5   | 1,368.7   | 1,376.9                | —                      | 1,103.7                         | 1,102.5   | 1,123.1   | 1,130.6                | —                      |
| 52-59       | <b>RETAIL TRADE .....</b>                           | 12,746        | 12,767    | 13,272    | 13,217                 | 13,251                 | 11,475                          | 11,494    | 11,970    | 11,919                 | 11,938                 |
| 53          | <b>Retail General Merchandise .....</b>             | 2,379.6       | 2,375.9   | 2,452.1   | 2,439.1                | —                      | 2,174.3                         | 2,169.2   | 2,252.7   | 2,239.3                | —                      |
| 531         | Department stores .....                             | 1,597.4       | 1,584.3   | 1,660.6   | 1,650.7                | —                      | 1,463.4                         | 1,451.6   | 1,534.0   | 1,525.0                | —                      |
| 532         | Mail order houses .....                             | 116.2         | 118.7     | 108.8     | 108.2                  | —                      | 109.4                           | 111.9     | 101.4     | 101.0                  | —                      |
| 533         | Variety stores .....                                | 293.1         | 298.5     | 302.1     | 300.1                  | —                      | 270.7                           | 275.9     | 282.5     | 279.5                  | —                      |
| 54          | <b>FOOD STORES .....</b>                            | 1,934.6       | 1,925.9   | 1,990.6   | 1,981.9                | —                      | 1,794.2                         | 1,784.6   | 1,843.0   | 1,831.1                | —                      |
| 541,3       | Grocery, meat, and vegetable stores .....           | 1,760.1       | 1,753.3   | 1,806.0   | 1,800.7                | —                      | 1,632.2                         | 1,624.2   | 1,672.4   | 1,663.8                | —                      |

See footnotes at end of table.

# ESTABLISHMENT DATA EMPLOYMENT

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

[In thousands]

| SIC Code | Industry   | All employees |               |               |                        |                        | Production workers <sup>1</sup> |               |               |                        |                        |
|----------|--|---------------|---------------|---------------|------------------------|------------------------|---------------------------------|---------------|---------------|------------------------|------------------------|
|          |  | July 1975     | Aug. 1975     | June 1976     | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975                       | Aug. 1975     | June 1976     | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
| -        | <b>WHOLESALE AND RETAIL TRADE—Continued</b>            |               |               |               |                        |                        |                                 |               |               |                        |                        |
| 56       | APPAREL AND ACCESSORY STORES .....                     | 761.3         | 762.6         | 790.1         | 779.6                  | -                      | 664.5                           | 666.9         | 691.1         | 679.5                  | -                      |
| 561      | Men's and boys' clothing and furnishings .....         | 134.1         | 131.5         | 139.0         | 139.1                  | -                      | 116.7                           | 113.9         | 120.9         | 121.2                  | -                      |
| 562      | Women's ready-to-wear stores .....                     | 281.4         | 283.0         | 293.8         | 288.7                  | -                      | 247.2                           | 248.9         | 259.3         | 253.3                  | -                      |
| 565      | Family clothing stores .....                           | 119.2         | 119.8         | 124.0         | 121.3                  | -                      | 107.5                           | 108.9         | 112.5         | 109.5                  | -                      |
| 566      | Shoe stores .....                                      | 157.5         | 159.2         | 161.1         | 159.3                  | -                      | 132.0                           | 133.6         | 134.9         | 133.1                  | -                      |
| 57       | <b>FURNITURE AND HOME FURNISHINGS STORES</b>           |               |               |               |                        |                        |                                 |               |               |                        |                        |
| 571      | Furniture and home furnishings .....                   | 504.5         | 506.1         | 530.9         | 530.6                  | -                      | 427.3                           | 429.5         | 449.1         | 448.1                  | -                      |
| 58       | <b>EATING AND DRINKING PLACES</b>                      |               |               |               |                        |                        |                                 |               |               |                        |                        |
| 52,55,59 | OTHER RETAIL TRADE .....                               | 3,774.2       | 3,778.2       | 3,921.2       | 3,915.9                | -                      | 3,166.8                         | 3,195.0       | 3,350.0       | 3,337.4                | -                      |
| 52       | Building materials and farm equipment .....            | 620.4         | 620.3         | 644.2         | 647.8                  | -                      | 532.2                           | 530.7         | 551.7         | 557.2                  | -                      |
| 55       | Automotive dealers and service stations .....          | 1,711.9       | 1,717.8       | 1,757.6       | 1,762.3                | -                      | -                               | -             | -             | -                      | -                      |
| 551,2    | Motor vehicle dealers .....                            | 762.1         | 763.7         | 789.4         | 790.5                  | -                      | 634.3                           | 636.4         | 660.0         | 661.5                  | -                      |
| 553,9    | Other automotive and accessory dealers .....           | 327.5         | 328.1         | 340.4         | 342.7                  | -                      | 275.6                           | 276.0         | 288.4         | 290.9                  | -                      |
| 554      | Gasoline service stations .....                        | 622.3         | 626.0         | 627.8         | 629.1                  | -                      | -                               | -             | -             | -                      | -                      |
| 59       | Miscellaneous retail stores .....                      | 1,441.9       | 1,440.1       | 1,519.4       | 1,505.8                | -                      | -                               | -             | -             | -                      | -                      |
| 591      | Drug stores and proprietary stores .....               | 464.4         | 464.3         | 476.3         | 472.4                  | -                      | 414.9                           | 414.5         | 425.2         | 421.4                  | -                      |
| 594      | Book and stationery stores .....                       | 75.2          | 75.6          | 78.6          | 79.0                   | -                      | 63.2                            | 63.8          | 66.0          | 66.3                   | -                      |
| 596      | Farm and garden supply stores .....                    | 130.6         | 128.8         | 141.2         | 138.2                  | -                      | -                               | -             | -             | -                      | -                      |
| 598      | Fuel and ice dealers .....                             | 95.5          | 94.4          | 95.7          | 95.1                   | -                      | 81.3                            | 80.2          | 80.8          | 80.1                   | -                      |
| -        | <b>FINANCE, INSURANCE, AND REAL ESTATE<sup>4</sup></b> | <b>4,266</b>  | <b>4,273</b>  | <b>4,344</b>  | <b>4,365</b>           | <b>4,368</b>           | <b>3,264</b>                    | <b>3,273</b>  | <b>3,323</b>  | <b>3,342</b>           | <b>3,343</b>           |
| 60       | Banking .....  | 1,284.8       | 1,287.4       | 1,303.8       | 1,311.1                | -                      | 1,016.4                         | 1,018.4       | 1,028.9       | 1,034.9                | -                      |
| 61       | Credit agencies other than banks .....                 | 440.6         | 442.0         | 462.2         | 466.5                  | -                      | 338.1                           | 338.8         | 355.2         | 358.1                  | -                      |
| 612      | Savings and loan associations .....                    | 167.5         | 169.2         | 185.8         | 188.1                  | -                      | 135.0                           | 136.6         | 149.8         | 152.0                  | -                      |
| 614      | Personal credit institutions .....                     | 194.0         | 193.5         | 193.7         | 194.9                  | -                      | -                               | -             | -             | -                      | -                      |
| 62       | Security, commodity brokers and services .....         | 172.9         | 173.1         | 176.9         | 176.6                  | -                      | 141.9                           | 142.0         | 144.1         | 143.7                  | -                      |
| 63       | Insurance carriers .....                               | 1,108.0       | 1,106.7       | 1,114.0       | 1,115.2                | -                      | 743.5                           | 745.0         | 752.7         | 755.2                  | -                      |
| 631      | Life insurance .....                                   | 526.8         | 524.7         | 519.0         | 515.6                  | -                      | 305.4                           | 305.0         | 298.6         | 296.3                  | -                      |
| 632      | Accident and health insurance .....                    | 117.5         | 118.2         | 121.7         | 122.2                  | -                      | 96.8                            | 97.7          | 100.1         | 100.0                  | -                      |
| 633      | Fire, marine, and casualty insurance .....             | 406.4         | 406.0         | 412.5         | 415.9                  | -                      | 294.1                           | 294.8         | 303.9         | 308.0                  | -                      |
| 64       | Insurance agents, brokers, and service .....           | 332.0         | 333.4         | 340.5         | 342.2                  | -                      | -                               | -             | -             | -                      | -                      |
| 65       | Real estate .....                                      | 813.7         | 815.3         | 829.1         | 836.2                  | -                      | -                               | -             | -             | -                      | -                      |
| 655      | Subdividers and developers .....                       | 126.0         | 125.0         | 124.3         | 123.9                  | -                      | -                               | -             | -             | -                      | -                      |
| 656      | Operative builders .....                               | 57.7          | 58.3          | 57.6          | 58.6                   | -                      | -                               | -             | -             | -                      | -                      |
| 66,67    | Other finance, insurance, and real estate .....        | 114.3         | 114.6         | 117.4         | 117.5                  | -                      | -                               | -             | -             | -                      | -                      |
| -        | <b>SERVICES</b>  | <b>14,144</b> | <b>14,162</b> | <b>14,775</b> | <b>14,778</b>          | <b>14,812</b>          | <b>12,738</b>                   | <b>12,754</b> | <b>13,322</b> | <b>13,309</b>          | <b>13,343</b>          |
| 70       | Hotels and other lodging places .....                  | 1,099.6       | 1,122.6       | 1,063.7       | 1,149.7                | -                      | -                               | -             | -             | -                      | -                      |
| 701      | Hotels, tourist courts, and motels .....               | 866.9         | 881.2         | 877.3         | 891.7                  | -                      | 805.8                           | 819.3         | 815.5         | 829.3                  | -                      |
| 72       | Personal services .....                                | 834.8         | 828.4         | 830.2         | 824.9                  | -                      | -                               | -             | -             | -                      | -                      |
| 721      | Laundries and dry cleaning plants .....                | 363.2         | 360.5         | 356.6         | 357.5                  | -                      | 325.8                           | 323.1         | 319.0         | 320.3                  | -                      |
| 722      | Photographic studios .....                             | 41.7          | 42.5          | 43.0          | 42.5                   | -                      | 36.8                            | 37.7          | 37.4          | 36.9                   | -                      |
| 73       | Miscellaneous business services .....                  | 1,984.7       | 2,002.7       | 2,126.0       | 2,138.7                | -                      | -                               | -             | -             | -                      | -                      |
| 731      | Advertising .....                                      | 119.5         | 119.6         | 125.5         | 126.3                  | -                      | -                               | -             | -             | -                      | -                      |
| 732      | Credit reporting and collection .....                  | 79.4          | 79.7          | 81.9          | 82.2                   | -                      | -                               | -             | -             | -                      | -                      |
| 734      | Services to buildings .....                            | 387.2         | 390.3         | 412.3         | 410.6                  | -                      | -                               | -             | -             | -                      | -                      |
| 76       | Miscellaneous repair services .....                    | 218.0         | 219.2         | 217.9         | 219.7                  | -                      | -                               | -             | -             | -                      | -                      |
| 78       | Motion pictures .....                                  | 216.0         | 220.8         | 211.6         | 217.9                  | -                      | -                               | -             | -             | -                      | -                      |
| 781      | Motion picture filming and distributing .....          | 65.2          | 68.5          | 64.6          | 66.0                   | -                      | 47.4                            | 48.6          | 48.5          | 51.8                   | -                      |
| 782,3    | Motion picture theaters and services .....             | 150.8         | 152.3         | 147.0         | 151.9                  | -                      | -                               | -             | -             | -                      | -                      |
| 80       | Medical and other health services .....                | 4,221.9       | 4,225.6       | 4,461.2       | 4,444.2                | -                      | -                               | -             | -             | -                      | -                      |
| 806      | Hospitals .....  | 2,308.5       | 2,302.1       | 2,399.3       | 2,373.5                | -                      | 2,109.3                         | 2,105.7       | 2,192.5       | 2,164.4                | -                      |
| 81       | Legal services .....                                   | 352.5         | 349.6         | 378.1         | 382.9                  | -                      | -                               | -             | -             | -                      | -                      |
| 82       | Educational services .....                             | 1,045.7       | 1,024.4       | 1,189.6       | 1,075.4                | -                      | -                               | -             | -             | -                      | -                      |
| 821      | Elementary and secondary schools .....                 | 331.6         | 324.4         | 408.9         | 345.0                  | -                      | -                               | -             | -             | -                      | -                      |
| 822      | Colleges and universities .....                        | 570.8         | 556.7         | 612.8         | 567.5                  | -                      | -                               | -             | -             | -                      | -                      |
| 89       | Miscellaneous services .....                           | 880.6         | 881.9         | 901.1         | 910.1                  | -                      | -                               | -             | -             | -                      | -                      |
| 891      | Engineering and architectural services .....           | 406.3         | 405.8         | 412.0         | 415.0                  | -                      | -                               | -             | -             | -                      | -                      |
| 892      | Nonprofit research agencies .....                      | 143.2         | 144.0         | 151.8         | 154.0                  | -                      | -                               | -             | -             | -                      | -                      |

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT**

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

[In thousands]

| SIC Code | Industry                                    | All employees |           |           |                        |                        | Production workers <sup>1</sup> |           |           |                        |                        |
|----------|---|---------------|-----------|-----------|------------------------|------------------------|---------------------------------|-----------|-----------|------------------------|------------------------|
|          |   | July 1975     | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975                       | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
| —        | <b>GOVERNMENT</b> .....                     | 14,219        | 14,112    | 15,168    | 14,514                 | 14,439                 | —                               | —         | —         | —                      | —                      |
| 91       | <b>FEDERAL GOVERNMENT<sup>5</sup></b> ..... | 2,800         | 2,775     | 2,758     | 2,775                  | 2,758                  | —                               | —         | —         | —                      | —                      |
|          | Executive .....                             | 2,750.7       | 2,726.4   | 2,707.8   | 2,724.1                | —                      | —                               | —         | —         | —                      |                        |
|          | Department of Defense .....                 | 972.4         | 961.2     | 936.7     | 938.5                  | —                      | —                               | —         | —         | —                      |                        |
|          | Postal Service .....                        | 698.1         | 694.3     | 672.8     | 670.7                  | —                      | —                               | —         | —         | —                      |                        |
|          | Other agencies .....                        | 1,080.2       | 1,070.9   | 1,098.3   | 1,114.9                | —                      | —                               | —         | —         | —                      |                        |
|          | Legislative .....                           | 38.7          | 38.4      | 39.3      | 39.6                   | —                      | —                               | —         | —         | —                      |                        |
|          | Judicial .....                              | 10.1          | 10.3      | 11.1      | 11.1                   | —                      | —                               | —         | —         | —                      |                        |
| 92,93    | <b>STATE AND LOCAL GOVERNMENT</b> .....     | 11,419        | 11,337    | 12,410    | 11,739                 | 11,681                 | —                               | —         | —         | —                      |                        |
| 92       | State government .....                      | 3,033.8       | 3,038.4   | 3,215.5   | 3,153.0                | —                      | —                               | —         | —         | —                      |                        |
|          | State education .....                       | 1,148.1       | 1,134.9   | 1,332.5   | 1,255.3                | —                      | —                               | —         | —         | —                      |                        |
|          | Other State government .....                | 1,885.7       | 1,903.5   | 1,883.0   | 1,897.7                | —                      | —                               | —         | —         | —                      |                        |
| 93       | Local government .....                      | 8,385.0       | 8,298.4   | 9,194.2   | 8,585.8                | —                      | —                               | —         | —         | —                      |                        |
|          | Local education .....                       | 4,112.2       | 4,023.5   | 5,086.2   | 4,298.8                | —                      | —                               | —         | —         | —                      |                        |
|          | Other local government .....                | 4,272.8       | 4,274.9   | 4,108.0   | 4,287.0                | —                      | —                               | —         | —         | —                      |                        |

<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.

\*\* Petroleum refining (SIC 291)—Corrected Production workers for April 1976 are: 97.1 - preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**

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

[1967 = 100]

| Year and month          | Total | Goods-producing |        |                       |               | Service-producing |                                     |                            |                 |              |                                     |          |            |         |                 |
|-------------------------|-------|-----------------|--------|-----------------------|---------------|-------------------|-------------------------------------|----------------------------|-----------------|--------------|-------------------------------------|----------|------------|---------|-----------------|
|                         |       | Total           | Mining | Contract construction | Manufacturing | Total             | Transportation and public utilities | Wholesale and retail trade |                 |              | Finance, insurance, and real estate | Services | Government |         |                 |
|                         |       |                 |        |                       |               |                   |                                     | Total                      | Wholesale trade | Retail trade |                                     |          | Total      | Federal | State and local |
| 1919.....               | 41.1  | 55.1            | 184.8  | 31.8                  | 54.8          | 33.5              | 87.1                                | 33.2                       | -               | -            | 34.4                                | 22.4     | 23.5       | -       | -               |
| 1920.....               | 41.5  | 54.8            | 202.1  | 26.4                  | 54.8          | 34.3              | 93.8                                | 32.8                       | -               | -            | 36.4                                | 23.4     | 22.8       | -       | -               |
| 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            | 86.4         | 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           |
| Aug.....                | 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           |
| Sept.....               | 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           |
| Oct.....                | 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           |
| Nov.....                | 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           |
| 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.....                | 118.7 | 98.5            | 124.6  | 106.9                 | 96.3          | 129.8             | 105.5                               | 126.7                      | 119.5           | 129.1        | 132.3                               | 141.7    | 131.3      | 101.0   | 140.8           |
| Feb.....                | 119.0 | 98.4            | 124.5  | 105.2                 | 96.5          | 130.2             | 106.0                               | 127.3                      | 120.2           | 129.8        | 132.3                               | 142.2    | 131.6      | 100.8   | 141.2           |
| Mar.....                | 119.4 | 98.9            | 125.6  | 104.9                 | 97.1          | 130.6             | 105.6                               | 127.8                      | 120.2           | 130.4        | 132.6                               | 142.8    | 131.9      | 100.5   | 141.8           |
| Apr.....                | 119.9 | 99.5            | 125.9  | 106.0                 | 97.6          | 131.1             | 105.8                               | 128.2                      | 120.7           | 130.8        | 133.1                               | 143.6    | 132.3      | 100.4   | 142.2           |
| May.....                | 119.8 | 99.4            | 126.1  | 105.5                 | 97.5          | 131.0             | 105.6                               | 128.2                      | 120.9           | 130.7        | 132.7                               | 143.7    | 132.2      | 100.3   | 142.2           |
| June.....               | 119.9 | 99.2            | 127.1  | 104.8                 | 97.4          | 131.1             | 105.1                               | 128.3                      | 120.7           | 131.0        | 133.2                               | 144.1    | 132.1      | 100.2   | 142.1           |
| July <sup>p</sup> ..... | 120.2 | 99.3            | 128.5  | 105.0                 | 97.4          | 131.7             | 105.4                               | 129.1                      | 120.9           | 131.9        | 133.3                               | 144.7    | 132.7      | 100.1   | 143.0           |
| Aug <sup>p</sup> .....  | 120.6 | 99.3            | 122.2  | 104.2                 | 97.8          | 132.2             | 105.5                               | 129.4                      | 121.1           | 132.4        | 133.7                               | 145.5    | 133.4      | 100.7   | 143.6           |

p = preliminary.

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

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

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

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

[In thousands]

| Industry division and group                      | 1975   |        |        |        |        | 1976   |        |        |        |        |        |                   |                  |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|------------------|
|  | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   | Jan.   | Feb.   | Mar.   | Apr.   | May    | June   | July <sup>P</sup> | Aug <sup>P</sup> |
| <b>TOTAL</b> .....                               | 77,023 | 77,310 | 77,555 | 77,574 | 77,796 | 78,179 | 78,368 | 78,630 | 78,963 | 78,923 | 78,943 | 79,192            | 79,431           |
| <b>GOODS-PRODUCING</b> .....                     | 22,418 | 22,601 | 22,669 | 22,657 | 22,743 | 22,914 | 22,901 | 23,013 | 23,144 | 23,123 | 23,091 | 23,094            | 23,113           |
| <b>MINING</b> .....                              | 749    | 752    | 774    | 766    | 769    | 764    | 763    | 770    | 772    | 773    | 779    | 788               | 749              |
| <b>CONTRACT CONSTRUCTION</b> .....               | 3,415  | 3,432  | 3,402  | 3,409  | 3,406  | 3,428  | 3,375  | 3,366  | 3,399  | 3,386  | 3,362  | 3,369             | 3,343            |
| <b>MANUFACTURING</b> .....                       | 18,254 | 18,417 | 18,493 | 18,482 | 18,568 | 18,722 | 18,763 | 18,877 | 18,973 | 18,964 | 18,950 | 18,937            | 19,021           |
| <b>DURABLE GOODS</b> .....                       | 10,563 | 10,650 | 10,661 | 10,653 | 10,717 | 10,820 | 10,846 | 10,937 | 11,000 | 11,046 | 11,046 | 11,035            | 11,103           |
| Ordnance and accessories .....                   | 167    | 165    | 164    | 161    | 163    | 162    | 162    | 161    | 161    | 161    | 158    | 157               | 156              |
| Lumber and wood products .....                   | 563    | 568    | 576    | 576    | 581    | 592    | 595    | 596    | 597    | 600    | 602    | 604               | 605              |
| Furniture and fixtures .....                     | 452    | 464    | 467    | 470    | 473    | 477    | 484    | 487    | 492    | 495    | 490    | 490               | 486              |
| Stone, clay, and glass products .....            | 610    | 615    | 615    | 616    | 616    | 616    | 612    | 616    | 624    | 626    | 627    | 630               | 629              |
| Primary metal industries .....                   | 1,148  | 1,169  | 1,149  | 1,146  | 1,158  | 1,162  | 1,168  | 1,173  | 1,181  | 1,187  | 1,197  | 1,203             | 1,209            |
| Fabricated metal products .....                  | 1,331  | 1,340  | 1,344  | 1,339  | 1,344  | 1,358  | 1,369  | 1,381  | 1,389  | 1,391  | 1,388  | 1,386             | 1,404            |
| Machinery, except electrical .....               | 2,013  | 2,035  | 2,039  | 2,032  | 2,030  | 2,039  | 2,039  | 2,049  | 2,054  | 2,064  | 2,065  | 2,075             | 2,089            |
| Electrical equipment and supplies .....          | 1,747  | 1,755  | 1,767  | 1,764  | 1,773  | 1,785  | 1,795  | 1,818  | 1,828  | 1,833  | 1,833  | 1,819             | 1,850            |
| Transportation equipment .....                   | 1,645  | 1,643  | 1,641  | 1,648  | 1,676  | 1,712  | 1,699  | 1,726  | 1,739  | 1,748  | 1,747  | 1,735             | 1,743            |
| Instruments and related products .....           | 481    | 486    | 490    | 492    | 494    | 498    | 501    | 505    | 510    | 512    | 512    | 512               | 516              |
| Miscellaneous manufacturing .....                | 406    | 410    | 409    | 409    | 409    | 419    | 422    | 425    | 425    | 429    | 427    | 424               | 416              |
| <b>NONDURABLE GOODS</b> .....                    | 7,691  | 7,767  | 7,832  | 7,829  | 7,851  | 7,902  | 7,917  | 7,940  | 7,973  | 7,918  | 7,904  | 7,902             | 7,918            |
| Food and kindred products .....                  | 1,688  | 1,693  | 1,695  | 1,688  | 1,688  | 1,700  | 1,709  | 1,695  | 1,707  | 1,712  | 1,716  | 1,713             | 1,726            |
| Tobacco manufactures .....                       | 78     | 80     | 79     | 81     | 79     | 79     | 77     | 75     | 75     | 75     | 74     | 80                | 76               |
| Textile mill products .....                      | 918    | 938    | 953    | 950    | 955    | 958    | 964    | 964    | 972    | 973    | 969    | 965               | 971              |
| Apparel and other textile products .....         | 1,245  | 1,261  | 1,287  | 1,290  | 1,299  | 1,314  | 1,306  | 1,322  | 1,317  | 1,315  | 1,315  | 1,308             | 1,306            |
| Paper and allied products .....                  | 639    | 648    | 652    | 652    | 658    | 665    | 667    | 671    | 674    | 678    | 677    | 679               | 679              |
| Printing and publishing .....                    | 1,072  | 1,075  | 1,071  | 1,072  | 1,074  | 1,069  | 1,069  | 1,075  | 1,077  | 1,079  | 1,076  | 1,079             | 1,080            |
| Chemicals and allied products .....              | 1,008  | 1,011  | 1,019  | 1,020  | 1,018  | 1,024  | 1,029  | 1,030  | 1,033  | 1,031  | 1,027  | 1,033             | 1,034            |
| Petroleum and coal products .....                | 199    | 200    | 201    | 202    | 201    | 203    | 204    | 204    | 204    | 203    | 202    | 202               | 202              |
| Rubber and plastics products, nec .....          | 588    | 599    | 608    | 604    | 608    | 615    | 617    | 627    | 634    | 575    | 573    | 571               | 577              |
| Leather and leather products .....               | 256    | 262    | 267    | 270    | 271    | 275    | 275    | 277    | 280    | 279    | 275    | 272               | 267              |
| <b>SERVICE-PRODUCING</b> .....                   | 54,605 | 54,709 | 54,886 | 54,917 | 55,053 | 55,265 | 55,467 | 55,617 | 55,819 | 55,800 | 55,852 | 56,098            | 56,318           |
| <b>TRANSPORTATION AND PUBLIC UTILITIES</b> ..... | 4,466  | 4,467  | 4,476  | 4,496  | 4,477  | 4,494  | 4,517  | 4,498  | 4,510  | 4,498  | 4,477  | 4,492             | 4,495            |
| <b>WHOLESALE AND RETAIL TRADE</b> ..             | 17,016 | 17,045 | 17,043 | 17,010 | 17,080 | 17,233 | 17,326 | 17,386 | 17,444 | 17,439 | 17,460 | 17,559            | 17,612           |
| <b>WHOLESALE TRADE</b> .....                     | 4,159  | 4,181  | 4,180  | 4,174  | 4,190  | 4,214  | 4,236  | 4,236  | 4,255  | 4,262  | 4,254  | 4,262             | 4,268            |
| <b>RETAIL TRADE</b> .....                        | 12,857 | 12,864 | 12,863 | 12,836 | 12,890 | 13,019 | 13,090 | 13,150 | 13,189 | 13,177 | 13,206 | 13,297            | 13,344           |
| <b>FINANCE, INSURANCE, AND REAL ESTATE</b> ..... | 4,218  | 4,239  | 4,246  | 4,248  | 4,264  | 4,266  | 4,266  | 4,276  | 4,293  | 4,278  | 4,297  | 4,300             | 4,312            |
| <b>SERVICES</b> .....                            | 14,050 | 14,113 | 14,157 | 14,188 | 14,229 | 14,307 | 14,360 | 14,422 | 14,498 | 14,514 | 14,557 | 14,617            | 14,694           |
| Hotels and other lodging places .....            | 986    | 982    | 993    | 997    | 990    | 999    | 1,008  | 1,004  | 1,009  | 1,016  | 1,006  | 1,020             | -                |
| Personal services .....                          | 833    | 833    | 831    | 832    | 835    | 833    | 833    | 826    | 825    | 824    | 820    | 825               | -                |
| Medical and other health services .....          | 4,213  | 4,241  | 4,258  | 4,273  | 4,304  | 4,317  | 4,333  | 4,359  | 4,389  | 4,414  | 4,435  | 4,418             | -                |
| Educational services .....                       | 1,212  | 1,225  | 1,233  | 1,236  | 1,241  | 1,237  | 1,243  | 1,257  | 1,264  | 1,253  | 1,246  | 1,249             | -                |
| <b>GOVERNMENT</b> .....                          | 14,885 | 14,845 | 14,964 | 14,975 | 15,003 | 14,965 | 14,998 | 15,035 | 15,074 | 15,071 | 15,061 | 15,130            | 15,205           |
| <b>FEDERAL</b> .....                             | 2,756  | 2,765  | 2,767  | 2,761  | 2,755  | 2,746  | 2,740  | 2,732  | 2,730  | 2,727  | 2,725  | 2,721             | 2,739            |
| <b>STATE AND LOCAL</b> .....                     | 12,099 | 12,080 | 12,197 | 12,214 | 12,248 | 12,219 | 12,258 | 12,303 | 12,344 | 12,344 | 12,336 | 12,409            | 12,466           |

p = preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED EMPLOYMENT**

**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   |        |        |        |        |        |                   |                   |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------------|-------------------|
|  | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   | Jan.   | Feb.   | Mar.   | Apr.   | May    | June   | July <sup>p</sup> | Aug. <sup>p</sup> |
| <b>TOTAL</b> .....                               | 51,052 | 51,315 | 51,435 | 51,420 | 51,592 | 51,963 | 52,103 | 52,293 | 52,551 | 52,524 | 52,525 | 52,690            | 52,839            |
| <b>GOODS-PRODUCING</b> .....                     | 16,312 | 16,467 | 16,532 | 16,512 | 16,600 | 16,744 | 16,723 | 16,815 | 16,942 | 16,924 | 16,883 | 16,887            | 16,894            |
| <b>MINING</b> .....                              | 567    | 569    | 585    | 581    | 587    | 582    | 577    | 583    | 586    | 585    | 590    | 598               | 561               |
| <b>CONTRACT CONSTRUCTION</b> .....               | 2,734  | 2,741  | 2,712  | 2,709  | 2,702  | 2,714  | 2,659  | 2,655  | 2,688  | 2,683  | 2,663  | 2,679             | 2,654             |
| <b>MANUFACTURING</b> .....                       | 13,011 | 13,157 | 13,235 | 13,222 | 13,311 | 13,448 | 13,487 | 13,577 | 13,668 | 13,656 | 13,630 | 13,610            | 13,679            |
| <b>DURABLE GOODS</b> .....                       | 7,450  | 7,527  | 7,548  | 7,539  | 7,603  | 7,698  | 7,722  | 7,795  | 7,858  | 7,900  | 7,890  | 7,877             | 7,934             |
| Ordnance and accessories .....                   | 77     | 75     | 75     | 71     | 73     | 73     | 73     | 73     | 74     | 73     | 72     | 71                | 70                |
| Lumber and wood products .....                   | 469    | 475    | 483    | 481    | 485    | 496    | 497    | 498    | 500    | 502    | 504    | 506               | 507               |
| Furniture and fixtures .....                     | 366    | 379    | 381    | 384    | 387    | 390    | 397    | 399    | 404    | 408    | 402    | 401               | 398               |
| Stone, clay, and glass products .....            | 483    | 488    | 488    | 489    | 489    | 489    | 486    | 489    | 497    | 499    | 500    | 504               | 502               |
| Primary metal industries .....                   | 892    | 911    | 894    | 892    | 903    | 907    | 911    | 917    | 925    | 931    | 940    | 948               | 953               |
| Fabricated metal products .....                  | 993    | 1,000  | 1,004  | 1,000  | 1,006  | 1,020  | 1,030  | 1,040  | 1,049  | 1,051  | 1,046  | 1,043             | 1,059             |
| Machinery, except electrical .....               | 1,300  | 1,314  | 1,319  | 1,310  | 1,308  | 1,317  | 1,318  | 1,326  | 1,328  | 1,337  | 1,333  | 1,339             | 1,355             |
| Electrical equipment and supplies .....          | 1,131  | 1,139  | 1,151  | 1,147  | 1,160  | 1,171  | 1,179  | 1,197  | 1,209  | 1,215  | 1,214  | 1,203             | 1,231             |
| Transportation equipment .....                   | 1,142  | 1,140  | 1,144  | 1,155  | 1,182  | 1,211  | 1,202  | 1,224  | 1,236  | 1,241  | 1,239  | 1,225             | 1,230             |
| Instruments and related products .....           | 286    | 291    | 295    | 296    | 298    | 302    | 304    | 305    | 310    | 313    | 313    | 314               | 314               |
| Miscellaneous manufacturing .....                | 311    | 315    | 314    | 314    | 312    | 322    | 325    | 327    | 326    | 330    | 327    | 323               | 315               |
| <b>NONDURABLE GOODS</b> .....                    | 5,561  | 5,630  | 5,687  | 5,683  | 5,708  | 5,750  | 5,765  | 5,782  | 5,810  | 5,756  | 5,740  | 5,733             | 5,745             |
| Food and kindred products .....                  | 1,147  | 1,150  | 1,154  | 1,143  | 1,144  | 1,156  | 1,166  | 1,153  | 1,164  | 1,168  | 1,171  | 1,170             | 1,177             |
| Tobacco manufactures .....                       | 65     | 66     | 65     | 67     | 66     | 66     | 64     | 62     | 62     | 62     | 61     | 67                | 63                |
| Textile mill products .....                      | 800    | 819    | 832    | 831    | 836    | 837    | 841    | 842    | 848    | 850    | 845    | 842               | 850               |
| Apparel and other textile products .....         | 1,071  | 1,086  | 1,107  | 1,112  | 1,121  | 1,133  | 1,127  | 1,140  | 1,135  | 1,132  | 1,133  | 1,123             | 1,121             |
| Paper and allied products .....                  | 479    | 487    | 490    | 492    | 497    | 502    | 505    | 508    | 512    | 515    | 515    | 516               | 516               |
| Printing and publishing .....                    | 632    | 632    | 630    | 629    | 631    | 627    | 626    | 629    | 630    | 632    | 629    | 629               | 631               |
| Chemicals and allied products .....              | 566    | 573    | 579    | 580    | 579    | 583    | 587    | 588    | 590    | 589    | 585    | 588               | 591               |
| Petroleum and coal products .....                | 128    | 128    | 129    | 130    | 130    | 131    | 132    | 132    | 133    | 132    | 130    | 130               | 130               |
| Rubber and plastics products, nec .....          | 453    | 463    | 471    | 466    | 470    | 477    | 479    | 488    | 494    | 435    | 433    | 432               | 436               |
| Leather and leather products .....               | 220    | 226    | 230    | 233    | 234    | 238    | 238    | 240    | 242    | 241    | 238    | 236               | 230               |
| <b>SERVICE-PRODUCING</b> .....                   | 34,740 | 34,848 | 34,903 | 34,908 | 34,992 | 35,219 | 35,380 | 35,478 | 35,609 | 35,600 | 35,642 | 35,803            | 35,945            |
| <b>TRANSPORTATION AND PUBLIC UTILITIES</b> ..... | 3,825  | 3,828  | 3,835  | 3,854  | 3,832  | 3,854  | 3,880  | 3,863  | 3,869  | 3,851  | 3,832  | 3,842             | 3,845             |
| <b>WHOLESALE AND RETAIL TRADE</b> ..             | 15,032 | 15,076 | 15,077 | 15,031 | 15,087 | 15,226 | 15,304 | 15,349 | 15,411 | 15,409 | 15,418 | 15,517            | 15,563            |
| <b>WHOLESALE TRADE</b> .....                     | 3,445  | 3,463  | 3,459  | 3,452  | 3,467  | 3,492  | 3,509  | 3,505  | 3,520  | 3,528  | 3,519  | 3,526             | 3,529             |
| <b>RETAIL TRADE</b> .....                        | 11,587 | 11,613 | 11,618 | 11,579 | 11,620 | 11,734 | 11,795 | 11,844 | 11,891 | 11,881 | 11,899 | 11,991            | 12,034            |
| <b>FINANCE, INSURANCE, AND REAL ESTATE</b> ..... | 3,218  | 3,234  | 3,232  | 3,240  | 3,251  | 3,258  | 3,258  | 3,268  | 3,276  | 3,260  | 3,280  | 3,280             | 3,287             |
| <b>SERVICES</b> .....                            | 12,665 | 12,710 | 12,759 | 12,783 | 12,822 | 12,881 | 12,938 | 12,998 | 13,053 | 13,080 | 13,112 | 13,164            | 13,250            |

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

<sup>p</sup>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              | 50.3               |
| August .....    | 73.5              | 80.2              | 67.4              | 62.5               |
| September ..... | 81.7              | 81.4              | 76.5              | 71.2               |
| October .....   | 64.8              | 70.3              | 79.4              | 75.9               |
| November .....  | 54.7              | 68.9              | 82.0              | 79.1               |
| December .....  | 66.6              | 72.7              | 75.6              | 81.4               |
| <b>1976</b>     |                   |                   |                   |                    |
| January .....   | 75.0              | 78.8              | 80.2              | 83.4p              |
| February .....  | 70.1              | 81.7              | 77.9              | 79.1p              |
| March .....     | 70.9              | 78.8              | 74.4              |                    |
| April .....     | 75.3              | 77.3              | 74.1p             |                    |
| May .....       | 66.3              | 67.7              | 69.8p             |                    |
| June .....      | 42.4              | 58.1p             |                   |                    |
| July .....      | 55.5p             | 54.9p             |                   |                    |
| August .....    | 59.3p             |                   |                   |                    |
| 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 |           |            |
|--|-----------|-----------|------------|-----------|-----------|------------|-----------------------|-----------|------------|---------------|-----------|------------|
|  | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975             | JUNE 1976 | JULY 1976P | JULY 1975     | JUNE 1976 | JULY 1976P |
| 1 ALABAMA .....                            | 1,160.9   | 1,181.5   | 1,191.5    | 12.2      | 12.1      | 12.0       | 71.0                  | 73.5      | 74.0       | 316.2         | 331.0     | 327.6      |
| 2 Birmingham .....                         | 308.4     | 307.5     | 310.8      | 7.9       | 8.1       | 8.1        | 20.0                  | 20.2      | 20.4       | 67.0          | 65.4      | 65.4       |
| 3 Huntsville .....                         | 100.2     | 102.0     | 101.7      | (1)       | (1)       | (1)        | 5.1                   | 4.4       | 4.6        | 23.0          | 26.4      | 25.5       |
| 4 Mobile .....                             | 124.5     | 127.7     | 125.9      | (1)       | (1)       | (1)        | 10.2                  | 10.5      | 8.6        | 25.8          | 26.8      | 26.9       |
| 5 Montgomery .....                         | 87.2      | 87.7      | 87.7       | (1)       | (1)       | (1)        | 5.8                   | 6.0       | 6.1        | 13.1          | 13.5      | 13.5       |
| 6 Tuscaloosa .....                         | 44.8      | 44.4      | 43.8       | (1)       | (1)       | (1)        | 3.0                   | 3.2       | 3.3        | 11.1          | 9.4       | 8.9        |
| 7 ALASKA .....                             | 175.6     | 186.8     | 190.1      | 4.3       | 4.7       | 4.8        | 33.4                  | 42.7      | 41.7       | 11.6          | 11.8      | 14.2       |
| 8 ARIZONA .....                            | 712.3     | 738.6     | 732.0      | 23.4      | 23.6      | 23.8       | 41.1                  | 40.4      | 38.8       | 96.8          | 95.9      | 99.0       |
| 9 Phoenix .....                            | 422.6     | 437.4     | 434.1      | .4        | .4        | .4         | 23.0                  | 22.8      | 21.9       | 70.2          | 73.0      | 72.6       |
| 10 Tucson .....                            | 140.8     | 145.7     | 142.6      | 7.9       | 7.3       | 7.4        | 9.1                   | 9.2       | 8.5        | 12.0          | 11.9      | 11.9       |
| 11 ARKANSAS .....                          | 613.4     | 644.2     | 635.9      | 4.3       | 4.2       | 4.3        | 31.5                  | 30.4      | 32.0       | 176.1         | 191.2     | 190.8      |
| 12 Fayetteville-Springdale .....           | 47.4      | 48.9      | 49.3       | (1)       | (1)       | (1)        | 2.3                   | 2.3       | 2.3        | 14.7          | 15.6      | 15.9       |
| 13 Fort Smith .....                        | 54.7      | 57.1      | 57.5       | .3        | .3        | .3         | 2.4                   | 2.3       | 2.3        | 20.0          | 22.2      | 22.2       |
| 14 Little Rock-North Little Rock .....     | 150.8     | 153.8     | 152.5      | (1)       | (1)       | (1)        | 9.8                   | 7.9       | 8.2        | 27.2          | 26.6      | 27.6       |
| 15 Pine Bluff .....                        | 24.5      | 24.9      | 25.0       | (1)       | (1)       | (1)        | 1.2                   | 1.0       | 1.1        | 5.4           | 5.6       | 5.6        |
| 16 CALIFORNIA .....                        | 7,787.3   | 7,997.3   | 7,967.8    | 32.4      | 33.3      | 33.8       | 288.2                 | 282.3     | 281.0      | 1,567.1       | 1,589.3   | 1,594.8    |
| 17 Anaheim-Santa Ana-Garden Grove .....    | 570.6     | 606.7     | 602.9      | 2.2       | 2.2       | 2.2        | 21.8                  | 23.5      | 24.3       | 151.2         | 156.4     | 157.4      |
| 18 Bakersfield .....                       | 103.4     | 106.6     | 107.4      | 7.4       | 7.6       | 7.6        | 3.8                   | 3.9       | 4.0        | 5.0           | 8.6       | 8.7        |
| 19 Fresno .....                            | 147.8     | 152.3     | 152.0      | .8        | .8        | .8         | 7.1                   | 7.0       | 6.8        | 20.0          | 19.7      | 21.1       |
| 20 Los Angeles-Long Beach .....            | 3,031.8   | 3,084.7   | 3,075.4    | 11.1      | 11.4      | 11.4       | 94.6                  | 92.0      | 92.7       | 766.1         | 777.0     | 772.2      |
| 21 Modesto .....                           | 65.1      | 70.1      | 71.3       | .1        | .1        | .1         | 3.6                   | 3.6       | 3.8        | 18.2          | 16.3      | 19.0       |
| 22 Oxnard-Simi Valley-Ventura .....        | 112.2     | 114.9     | 114.4      | 1.7       | 1.7       | 1.8        | 4.0                   | 3.4       | 3.5        | 15.6          | 16.2      | 15.9       |
| 23 Riverside-San Bernardino-Ontario .....  | 330.8     | 341.7     | 334.1      | 1.7       | 2.4       | 2.4        | 12.3                  | 11.5      | 11.8       | 51.0          | 52.0      | 52.1       |
| 24 Sacramento .....                        | 312.9     | 323.6     | 321.5      | .4        | .4        | .4         | 13.6                  | 13.3      | 12.5       | 21.7          | 22.6      | 23.3       |
| 25 Salinas-Seaside-Monterey .....          | 75.3      | 75.4      | 75.3       | .6        | .6        | .6         | 2.5                   | 2.6       | 2.5        | 5.1           | 8.3       | 8.4        |
| 26 San Diego .....                         | 466.1     | 481.6     | 477.9      | .5        | .5        | .5         | 20.1                  | 19.9      | 20.1       | 72.3          | 71.0      | 71.4       |
| 27 San Francisco-Oakland .....             | 1,327.4   | 1,323.3   | 1,332.8    | 1.6       | 1.6       | 1.6        | 58.8                  | 57.1      | 56.6       | 185.0         | 187.7     | 188.6      |
| 28 San Jose .....                          | 466.5     | 487.3     | 490.8      | .1        | .1        | .1         | 17.8                  | 17.7      | 17.6       | 153.7         | 155.5     | 161.6      |
| 29 Santa Barbara-Santa Maria-Lompoc .....  | 91.8      | 96.9      | 96.6       | .7        | .7        | .7         | 3.2                   | 3.1       | 3.2        | 11.8          | 12.7      | 12.4       |
| 30 Santa Rosa .....                        | 65.0      | 68.1      | 68.7       | .2        | .2        | .2         | 3.7                   | 3.8       | 3.8        | 8.8           | 5.6       | 9.9        |
| 31 Stockton .....                          | 100.5     | 104.6     | 102.0      | .1        | .1        | .1         | 4.1                   | 4.3       | 4.2        | 18.7          | 18.3      | 18.9       |
| 32 Vallejo-Fairfield-Napa .....            | 81.7      | 83.4      | 82.5       | .1        | .1        | .1         | 3.5                   | 3.5       | 3.3        | 9.0           | 8.4       | 8.8        |
| 33 COLORADO .....                          | 945.7     | 951.6     | 985.3      | 18.7      | 20.0      | 20.6       | 61.9                  | 57.8      | 58.7       | 134.1         | 140.5     | 141.1      |
| 34 Denver-Boulder .....                    | 598.4     | 624.6     | 621.1      | 7.4       | 8.1       | 8.2        | 40.6                  | 37.6      | 37.9       | 91.8          | 95.0      | 95.1       |
| 35 CONNECTICUT .....                       | 1,214.2   | 1,241.2   | 1,230.3    | (2)       | (2)       | (2)        | 48.5                  | 40.7      | 40.4       | 375.7         | 397.9     | 392.9      |
| 36 Bridgeport .....                        | 146.4     | 148.6     | 147.3      | (2)       | (2)       | (2)        | 4.8                   | 4.5       | 4.9        | 57.6          | 58.3      | 58.0       |
| 37 Hartford .....                          | 335.8     | 338.5     | 334.3      | (2)       | (2)       | (2)        | 12.2                  | 11.2      | 10.7       | 84.0          | 85.0      | 84.7       |
| 38 New Britain .....                       | 53.1      | 54.3      | 52.6       | (2)       | (2)       | (2)        | 2.3                   | 2.3       | 2.4        | 25.4          | 25.3      | 24.6       |
| 39 New Haven-West Haven .....              | 171.4     | 174.3     | 171.1      | (2)       | (2)       | (2)        | 6.8                   | 6.4       | 5.9        | 43.4          | 43.4      | 42.5       |
| 40 Stamford .....                          | 89.9      | 91.9      | 92.1       | (2)       | (2)       | (2)        | 3.3                   | 3.1       | 3.3        | 27.7          | 28.4      | 28.8       |
| 41 Waterbury .....                         | 79.4      | 80.1      | 78.8       | (2)       | (2)       | (2)        | 2.7                   | 2.7       | 2.7        | 32.5          | 31.7      | 31.5       |
| 42 DELAWARE .....                          | 226.8     | 232.4     | 231.4      | (1)       | (1)       | (1)        | 15.2                  | 14.9      | 14.8       | 64.2          | 68.6      | 68.9       |
| 43 Wilmington .....                        | 202.9     | 207.1     | 204.8      | (1)       | (1)       | (1)        | 14.6                  | 13.7      | 13.1       | 61.1          | 66.3      | 66.1       |
| 44 DISTRICT OF COLUMBIA <sup>3</sup> ..... | 595.8     | 584.7     | 595.9      | (1)       | (1)       | (1)        | 19.4                  | 20.3      | 20.6       | 15.4          | 16.1      | 16.0       |
| 45 Washington SMSA .....                   | 1,350.1   | 1,366.8   | 1,374.1    | (1)       | (1)       | (1)        | 71.1                  | 75.1      | 76.5       | 47.4          | 46.9      | 47.0       |
| 46 FLORIDA .....                           | 2,475.9   | 2,706.7   | 2,665.7    | 11.3      | 11.1      | 11.0       | 163.3                 | 137.0     | 140.5      | 326.2         | 336.9     | 332.5      |
| 47 Fort Lauderdale-Hollywood .....         | 224.4     | 231.2     | 225.4      | (1)       | (1)       | (1)        | 18.3                  | 14.1      | 14.5       | 23.6          | 25.1      | 24.8       |
| 48 Jacksonville .....                      | 255.0     | 254.9     | 256.8      | (1)       | (1)       | (1)        | 14.6                  | 13.5      | 13.8       | 29.2          | 28.1      | 30.0       |
| 49 Miami .....                             | 563.9     | 574.9     | 575.4      | (1)       | (1)       | (1)        | 22.5                  | 20.2      | 20.6       | 78.7          | 83.3      | 81.1       |
| 50 Orlando .....                           | 207.3     | 211.1     | 207.4      | (1)       | (1)       | (1)        | 13.6                  | 13.6      | 13.4       | 23.7          | 23.9      | 23.5       |
| 51 Pensacola .....                         | 84.0      | 84.1      | 84.1       | (1)       | (1)       | (1)        | 6.9                   | 6.6       | 6.5        | 14.0          | 13.8      | 13.8       |
| 52 Tampa-St. Petersburg .....              | 398.5     | 412.7     | 411.9      | (1)       | (1)       | (1)        | 26.3                  | 24.1      | 24.2       | 52.9          | 54.3      | 53.5       |
| 53 West Palm Beach-Boca Raton .....        | 135.7     | 139.0     | 137.8      | (1)       | (1)       | (1)        | 11.0                  | 9.7       | 9.6        | 17.2          | 17.2      | 17.4       |
| 54 GEORGIA .....                           | 1,696.8   | 1,754.4   | 1,749.8    | 6.9       | 7.0       | 7.2        | 78.3                  | 75.4      | 75.5       | 423.1         | 462.1     | 458.6      |
| 55 Atlanta .....                           | 733.3     | 745.3     | 745.2      | (1)       | (1)       | (1)        | 32.5                  | 33.0      | 32.7       | 116.8         | 121.8     | 121.3      |
| 56 Augusta .....                           | 100.1     | 105.2     | 106.4      | (1)       | (1)       | (1)        | 5.5                   | 5.0       | 5.4        | 31.0          | 32.6      | 33.4       |
| 57 Columbus .....                          | 73.5      | 76.8      | 77.4       | (1)       | (1)       | (1)        | 4.9                   | 5.5       | 5.3        | 19.5          | 21.7      | 21.8       |
| 58 Macon .....                             | 89.6      | 90.3      | 89.3       | (1)       | (1)       | (1)        | 4.7                   | 4.3       | 4.3        | 13.8          | 14.9      | 14.8       |
| 59 Savannah .....                          | 70.4      | 74.1      | 73.4       | (1)       | (1)       | (1)        | 4.7                   | 4.7       | 4.7        | 14.4          | 15.6      | 15.1       |
| 60 HAWAII .....                            | 346.4     | 347.8     | 347.6      | (1)       | (1)       | (1)        | 29.1                  | 23.8      | 23.8       | 28.3          | 26.4      | 28.2       |
| 61 Honolulu .....                          | 292.4     | 293.1     | 291.7      | (1)       | (1)       | (1)        | 24.9                  | 20.1      | 20.0       | 21.1          | 19.6      | 21.2       |

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 |           |            |    |
|-------------------------------------|-----------|------------|----------------------------|-----------|------------|-------------------------------------|-----------|------------|-----------|-----------|------------|------------|-----------|------------|----|
| JULY 1975                           | JUNE 1976 | JULY 1976P | JULY 1975                  | JUNE 1976 | JULY 1976P | JULY 1975                           | JUNE 1976 | JULY 1976P | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975  | JUNE 1976 | JULY 1976P |    |
| 60.1                                | 60.7      | 61.2       | 225.2                      | 234.6     | 234.3      | 50.1                                | 51.6      | 51.8       | 167.8     | 173.0     | 173.0      | 258.3      | 245.0     | 257.6      | 1  |
| 21.8                                | 22.7      | 22.9       | 71.1                       | 73.0      | 73.0       | 15.6                                | 15.9      | 20.0       | 51.8      | 52.7      | 52.5       | 49.2       | 45.5      | 48.5       | 2  |
| 2.0                                 | 2.0       | 2.0        | 18.2                       | 18.7      | 18.8       | 2.8                                 | 2.5       | 2.9        | 16.5      | 16.4      | 16.3       | 32.6       | 31.2      | 31.6       | 3  |
| 10.0                                | 5.6       | 5.8        | 29.2                       | 29.4      | 29.1       | 5.9                                 | 6.2       | 6.2        | 23.7      | 24.2      | 24.3       | 19.7       | 21.0      | 21.0       | 4  |
| 4.3                                 | 4.2       | 4.2        | 20.1                       | 20.3      | 20.2       | 5.1                                 | 5.1       | 5.2        | 15.0      | 15.5      | 15.2       | 23.8       | 23.1      | 23.3       | 5  |
| 1.8                                 | 1.6       | 1.7        | 7.6                        | 7.9       | 7.9        | 1.4                                 | 1.5       | 1.5        | 5.1       | 5.2       | 5.2        | 14.8       | 15.4      | 15.3       | 6  |
| 17.5                                | 16.7      | 16.5       | 27.1                       | 27.9      | 27.9       | 6.5                                 | 7.2       | 7.2        | 28.3      | 28.0      | 29.2       | 46.9       | 47.8      | 48.2       | 7  |
| 36.6                                | 38.8      | 39.0       | 173.8                      | 178.3     | 177.4      | 42.0                                | 42.5      | 42.6       | 135.8     | 142.6     | 142.3      | 160.8      | 172.5     | 169.1      | 8  |
| 22.9                                | 23.2      | 23.3       | 111.9                      | 115.2     | 114.8      | 32.3                                | 32.9      | 33.1       | 81.7      | 84.9      | 84.1       | 80.2       | 85.0      | 83.9       | 9  |
| 7.7                                 | 7.7       | 7.7        | 31.2                       | 31.9      | 31.6       | 6.0                                 | 5.8       | 5.8        | 27.9      | 29.1      | 28.8       | 39.0       | 42.8      | 40.9       | 10 |
| 36.7                                | 37.2      | 37.3       | 133.6                      | 138.8     | 139.5      | 28.3                                | 29.7      | 29.8       | 91.2      | 95.6      | 96.0       | 111.7      | 117.1     | 106.2      | 11 |
| 3.0                                 | 3.0       | 3.0        | 10.5                       | 11.0      | 11.0       | 2.1                                 | 2.3       | 2.3        | 7.1       | 7.0       | 7.1        | 7.7        | 7.7       | 7.7        | 12 |
| 3.0                                 | 2.8       | 2.9        | 12.1                       | 12.3      | 12.3       | 1.9                                 | 2.0       | 2.0        | 8.6       | 8.9       | 9.0        | 6.4        | 6.3       | 6.3        | 13 |
| 11.5                                | 11.6      | 11.7       | 34.4                       | 34.9      | 35.1       | 10.9                                | 11.4      | 11.4       | 26.0      | 26.5      | 26.5       | 31.0       | 32.9      | 32.0       | 14 |
| 3.1                                 | 3.2       | 3.2        | 4.9                        | 5.0       | 5.0        | 1.1                                 | 1.2       | 1.1        | 4.2       | 4.2       | 4.3        | 4.6        | 4.7       | 4.7        | 15 |
| 471.2                               | 465.0     | 478.0      | 1,775.6                    | 1,823.2   | 1,827.6    | 454.3                               | 466.0     | 468.9      | 1,585.5   | 1,630.1   | 1,638.4    | 1,613.0    | 1,704.1   | 1,645.3    | 16 |
| 17.7                                | 18.7      | 18.7       | 145.0                      | 155.6     | 156.0      | 33.0                                | 34.2      | 34.6       | 113.3     | 117.6     | 119.1      | 86.4       | 98.5      | 90.6       | 17 |
| 6.7                                 | 6.9       | 7.1        | 25.3                       | 26.2      | 26.2       | 3.9                                 | 3.5       | 3.9        | 18.2      | 19.1      | 18.8       | 25.1       | 30.4      | 31.1       | 18 |
| 9.3                                 | 5.2       | 9.3        | 38.8                       | 38.6      | 35.8       | 7.2                                 | 7.3       | 7.3        | 28.5      | 29.2      | 30.5       | 36.1       | 40.5      | 36.4       | 19 |
| 176.0                               | 177.5     | 181.4      | 650.2                      | 707.5     | 707.3      | 187.5                               | 185.9     | 190.5      | 637.8     | 643.7     | 646.5      | 468.5      | 485.7     | 473.1      | 20 |
| 3.2                                 | 3.3       | 3.3        | 15.0                       | 14.9      | 15.3       | 2.0                                 | 1.9       | 1.9        | 13.6      | 14.1      | 14.0       | 13.4       | 15.7      | 13.9       | 21 |
| 4.3                                 | 4.4       | 4.5        | 26.0                       | 27.3      | 27.1       | 4.4                                 | 4.4       | 4.4        | 20.9      | 21.1      | 21.4       | 35.3       | 36.4      | 35.8       | 22 |
| 18.8                                | 18.6      | 18.7       | 80.4                       | 83.7      | 83.2       | 12.4                                | 12.3      | 12.4       | 67.2      | 69.6      | 68.0       | 87.0       | 91.6      | 85.5       | 23 |
| 17.0                                | 17.4      | 17.6       | 68.8                       | 71.8      | 71.9       | 13.8                                | 13.9      | 14.2       | 50.6      | 52.0      | 52.4       | 127.0      | 132.2     | 125.2      | 24 |
| 4.5                                 | 4.5       | 4.5        | 19.6                       | 19.8      | 20.1       | 2.9                                 | 3.0       | 3.0        | 15.7      | 15.3      | 15.8       | 20.4       | 21.3      | 20.4       | 25 |
| 22.8                                | 22.9      | 23.1       | 108.4                      | 112.1     | 112.6      | 25.8                                | 26.7      | 26.9       | 99.4      | 99.2      | 104.0      | 116.8      | 129.2     | 115.3      | 26 |
| 124.5                               | 119.5     | 122.9      | 287.6                      | 277.8     | 290.2      | 114.0                               | 115.4     | 116.1      | 265.9     | 269.8     | 270.9      | 290.0      | 284.4     | 285.9      | 27 |
| 18.9                                | 18.8      | 18.6       | 90.6                       | 96.0      | 96.0       | 19.1                                | 19.4      | 19.5       | 96.4      | 102.9     | 102.9      | 65.9       | 76.9      | 74.3       | 28 |
| 3.0                                 | 3.0       | 3.0        | 21.0                       | 21.9      | 22.0       | 4.2                                 | 4.2       | 4.2        | 24.1      | 23.9      | 23.9       | 23.6       | 27.4      | 27.2       | 29 |
| 3.3                                 | 3.5       | 3.5        | 15.8                       | 16.5      | 16.6       | 4.2                                 | 4.4       | 4.4        | 12.3      | 12.4      | 12.9       | 16.7       | 17.7      | 17.4       | 30 |
| 7.7                                 | 7.8       | 8.1        | 22.2                       | 23.8      | 22.8       | 3.7                                 | 3.8       | 3.8        | 18.6      | 20.1      | 19.0       | 25.4       | 26.4      | 25.1       | 31 |
| 3.9                                 | 3.9       | 3.9        | 14.5                       | 15.0      | 15.2       | 2.2                                 | 2.3       | 2.3        | 14.0      | 15.1      | 14.8       | 34.5       | 35.1      | 34.1       | 32 |
| 60.2                                | 60.9      | 61.4       | 228.1                      | 236.0     | 236.9      | 56.7                                | 55.6      | 55.8       | 187.3     | 197.7     | 197.5      | 158.7      | 219.2     | 209.4      | 33 |
| 41.1                                | 40.6      | 40.8       | 149.6                      | 156.1     | 156.4      | 42.5                                | 44.7      | 44.9       | 115.6     | 127.0     | 127.0      | 105.9      | 115.4     | 110.9      | 34 |
| 50.7                                | 52.3      | 49.4       | 249.3                      | 255.8     | 252.4      | 87.0                                | 86.4      | 87.1       | 225.7     | 231.4     | 234.1      | 177.4      | 176.8     | 172.8      | 35 |
| 5.8                                 | 6.0       | 5.5        | 30.7                       | 30.4      | 30.6       | 6.0                                 | 6.0       | 6.0        | 25.3      | 25.5      | 25.5       | 16.2       | 17.9      | 16.5       | 36 |
| 11.6                                | 12.1      | 11.5       | 65.8                       | 71.8      | 70.5       | 50.2                                | 49.5      | 49.9       | 56.9      | 57.9      | 57.6       | 51.1       | 51.1      | 45.6       | 37 |
| 1.5                                 | 1.6       | 1.6        | 8.9                        | 9.2       | 9.1        | 1.5                                 | 1.5       | 1.5        | 7.6       | 7.7       | 7.7        | 5.9        | 6.7       | 5.8        | 38 |
| 13.8                                | 14.3      | 13.8       | 34.6                       | 35.7      | 35.4       | 8.8                                 | 9.0       | 9.2        | 41.0      | 41.7      | 41.8       | 22.8       | 23.6      | 22.4       | 39 |
| 3.3                                 | 3.0       | 3.1        | 19.7                       | 21.2      | 20.2       | 6.2                                 | 6.2       | 6.3        | 20.9      | 20.2      | 21.4       | 8.8        | 9.4       | 9.2        | 40 |
| 3.0                                 | 3.1       | 3.0        | 14.0                       | 14.5      | 14.5       | 2.9                                 | 2.9       | 3.0        | 14.7      | 14.5      | 15.1       | 5.5        | 10.4      | 9.1        | 41 |
| 11.4                                | 11.6      | 11.6       | 46.4                       | 45.8      | 45.4       | 11.6                                | 11.4      | 11.4       | 38.2      | 38.4      | 38.5       | 35.8       | 41.7      | 40.8       | 42 |
| 10.3                                | 10.5      | 10.5       | 38.6                       | 38.2      | 37.8       | 10.6                                | 10.2      | 10.2       | 34.1      | 34.5      | 34.6       | 33.6       | 33.7      | 32.5       | 43 |
| 29.1                                | 28.8      | 29.0       | 65.1                       | 66.3      | 66.7       | 33.3                                | 33.1      | 33.1       | 145.4     | 145.2     | 145.4      | 268.1      | 270.9     | 281.1      | 44 |
| 65.5                                | 65.0      | 65.6       | 252.2                      | 260.1     | 260.2      | 79.5                                | 79.9      | 80.1       | 307.6     | 315.9     | 316.5      | 526.8      | 523.9     | 528.2      | 45 |
| 184.1                               | 184.4     | 184.9      | 703.5                      | 761.6     | 653.4      | 190.7                               | 151.7     | 191.5      | 573.3     | 567.8     | 582.4      | 525.5      | 554.2     | 529.5      | 46 |
| 13.8                                | 13.9      | 13.8       | 64.0                       | 65.2      | 63.7       | 17.5                                | 18.9      | 19.3       | 52.8      | 55.4      | 54.4       | 34.4       | 36.6      | 34.9       | 47 |
| 20.5                                | 20.6      | 20.6       | 67.3                       | 68.8      | 68.8       | 27.2                                | 27.3      | 27.5       | 45.7      | 46.8      | 46.6       | 50.5       | 49.8      | 45.5       | 48 |
| 58.8                                | 57.5      | 57.5       | 149.7                      | 148.5     | 147.9      | 44.3                                | 43.7      | 43.7       | 134.2     | 136.2     | 134.8      | 75.7       | 85.5      | 85.8       | 49 |
| 11.6                                | 11.5      | 11.6       | 58.7                       | 59.3      | 58.8       | 14.1                                | 13.9      | 13.9       | 52.1      | 53.1      | 52.9       | 33.5       | 35.8      | 33.3       | 50 |
| 4.4                                 | 4.2       | 4.2        | 18.4                       | 18.6      | 18.7       | 3.5                                 | 3.5       | 3.5        | 13.9      | 14.5      | 14.5       | 22.9       | 22.9      | 22.9       | 51 |
| 26.6                                | 26.2      | 26.1       | 115.6                      | 119.1     | 118.6      | 25.0                                | 28.8      | 28.7       | 86.5      | 87.2      | 87.0       | 61.6       | 73.0      | 73.8       | 52 |
| 6.6                                 | 6.6       | 6.5        | 36.9                       | 38.2      | 37.9       | 10.0                                | 10.3      | 10.3       | 32.0      | 33.2      | 33.2       | 22.0       | 23.8      | 22.9       | 53 |
| 112.6                               | 114.5     | 114.4      | 383.6                      | 383.8     | 385.4      | 97.7                                | 95.0      | 95.4       | 253.9     | 257.3     | 257.3      | 340.7      | 359.3     | 356.0      | 54 |
| 68.2                                | 68.2      | 68.2       | 200.8                      | 203.3     | 204.1      | 58.1                                | 57.5      | 57.6       | 130.2     | 135.3     | 135.0      | 126.7      | 126.2     | 126.3      | 55 |
| 3.9                                 | 3.8       | 3.8        | 17.0                       | 18.9      | 18.9       | 3.6                                 | 3.6       | 3.6        | 13.4      | 14.2      | 14.4       | 25.7       | 27.1      | 26.9       | 56 |
| 2.8                                 | 2.8       | 2.8        | 14.1                       | 14.5      | 14.6       | 4.4                                 | 4.7       | 4.7        | 9.9       | 9.8       | 10.0       | 17.9       | 17.8      | 18.2       | 57 |
| 3.7                                 | 3.6       | 3.6        | 17.6                       | 18.8      | 18.4       | 5.5                                 | 5.3       | 5.3        | 13.9      | 13.5      | 13.6       | 30.4       | 29.7      | 29.3       | 58 |
| 7.3                                 | 7.1       | 6.9        | 16.3                       | 17.0      | 17.3       | 3.6                                 | 3.7       | 3.7        | 12.0      | 12.4      | 12.5       | 12.1       | 13.6      | 13.2       | 59 |
| 26.1                                | 25.9      | 26.2       | 84.8                       | 86.6      | 86.8       | 23.4                                | 23.8      | 24.0       | 72.1      | 73.6      | 73.6       | 82.6       | 87.7      | 85.0       | 60 |
| 22.1                                | 21.8      | 22.1       | 72.4                       | 73.9      | 74.0       | 21.2                                | 21.5      | 21.6       | 59.7      | 60.6      | 60.6       | 71.0       | 75.6      | 72.2       | 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 |           |            |
|---|-----------|-----------|------------|-----------|-----------|------------|-----------------------|-----------|------------|---------------|-----------|------------|
|   | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975             | JUNE 1976 | JULY 1976P | JULY 1975     | JUNE 1976 | JULY 1976P |
| 1 IDAHO <sup>4</sup>                      | 275.9     | 281.1     | 284.0      | 3.8       | 3.5       | 3.6        | 18.8                  | 17.5      | 18.5       | 49.7          | 51.0      | 51.1       |
| 2 Boise City <sup>4</sup>                 | 60.9      | 64.9      | 65.1       | (1)       | (1)       | (1)        | 5.3                   | 5.9       | 5.9        | 6.2           | 6.8       | 6.7        |
| 3 ILLINOIS                                | 4,429.5   | 4,477.0   | 4,494.8    | 25.5      | 26.1      | 26.4       | 155.6                 | 191.5     | 198.0      | 1,193.3       | 1,216.1   | 1,208.3    |
| 4 Bloomington—Normal                      | 42.8      | 42.9      | 45.6       | (2)       | (2)       | (2)        | 1.7                   | 1.5       | 1.6        | 7.0           | 6.5       | 6.6        |
| 5 Champaign—Urbana—Rantoul                | 65.6      | 64.2      | 63.6       | (2)       | (2)       | (2)        | 2.9                   | 2.9       | 3.0        | 6.0           | 6.2       | 6.3        |
| 6 Chicago—Gery                            | 3,236.2   | 3,267.2   | 3,272.7    | 4.6       | 4.5       | 4.5        | 137.7                 | 140.1     | 142.9      | 891.3         | 915.7     | 912.8      |
| 7 Chicago SMSA <sup>5</sup>               | 3,001.7   | 3,029.3   | 3,031.6    | 4.5       | 4.4       | 4.4        | 124.6                 | 127.0     | 129.3      | 798.3         | 817.0     | 813.9      |
| 8 Davenport—Rock Island—Moline            | 151.8     | 154.1     | 153.6      | (2)       | (2)       | (2)        | 7.0                   | 5.5       | 6.1        | 47.6          | 48.5      | 48.9       |
| 9 Decatur                                 | 51.7      | 51.7      | 51.4       | (2)       | (2)       | (2)        | 3.1                   | 3.3       | 3.5        | 18.9          | 18.1      | 18.1       |
| 10 Peoria                                 | 145.0     | 145.4     | 144.9      | (2)       | (2)       | (2)        | 8.7                   | 8.5       | 8.9        | 52.4          | 50.7      | 50.4       |
| 11 Rockford                               | 110.2     | 114.0     | 114.6      | (2)       | (2)       | (2)        | 3.8                   | 3.6       | 3.6        | 49.2          | 50.9      | 53.5       |
| 12 Springfield                            | 79.9      | 79.1      | 79.3       | (2)       | (2)       | (2)        | 4.5                   | 3.9       | 3.8        | 9.5           | 8.5       | 8.6        |
| 13 INDIANA                                | 1,931.1   | 1,996.7   | 1,995.4    | 7.9       | 8.7       | 8.6        | 85.5                  | 82.9      | 85.1       | 628.8         | 675.6     | 670.6      |
| 14 Evansville                             | 106.9     | 107.8     | 107.6      | 2.2       | 2.3       | 2.3        | 5.3                   | 5.1       | 5.3        | 34.1          | 35.4      | 33.9       |
| 15 Fort Wayne                             | 145.5     | 149.9     | 150.3      | (1)       | (1)       | (1)        | 6.5                   | 4.3       | 5.0        | 50.5          | 53.2      | 53.3       |
| 16 Gary—Hammond—East Chicago <sup>5</sup> | 234.5     | 237.9     | 241.1      | (1)       | (1)       | (1)        | 13.1                  | 13.1      | 13.6       | 93.0          | 98.7      | 98.9       |
| 17 Indianapolis                           | 446.6     | 449.3     | 445.7      | (1)       | (1)       | (1)        | 16.9                  | 13.2      | 13.8       | 113.7         | 115.3     | 117.5      |
| 18 Muncie                                 | 43.3      | 46.1      | 43.9       | (1)       | (1)       | (1)        | 1.6                   | 1.4       | 1.5        | 13.8          | 14.7      | 13.6       |
| 19 South Bend                             | 100.0     | 100.1     | 100.1      | (1)       | (1)       | (1)        | 4.1                   | 3.6       | 4.0        | 29.4          | 29.9      | 30.1       |
| 20 Terre Haute                            | 56.9      | 58.3      | 58.2       | 1.0       | 1.0       | 1.0        | 2.3                   | 2.2       | 2.2        | 15.3          | 16.3      | 16.4       |
| 21 IOWA                                   | 984.6     | 1,019.6   | 1,011.4    | 3.0       | 2.9       | 3.0        | 53.1                  | 50.6      | 53.0       | 224.1         | 231.4     | 232.3      |
| 22 Cedar Rapids                           | 73.1      | 71.5      | 74.4       | (1)       | (1)       | (1)        | 3.1                   | 3.3       | 3.3        | 27.0          | 23.4      | 27.1       |
| 23 Des Moines                             | 155.5     | 156.0     | 154.1      | (1)       | (1)       | (1)        | 7.6                   | 7.1       | 7.7        | 23.6          | 22.1      | 20.7       |
| 24 Dubuque                                | 38.9      | 40.0      | 39.1       | (1)       | (1)       | (1)        | 1.4                   | 1.2       | 1.3        | 15.6          | 16.5      | 16.2       |
| 25 Sioux City                             | 48.9      | 50.4      | 50.0       | (1)       | (1)       | (1)        | 3.8                   | 3.2       | 3.7        | 11.9          | 12.6      | 12.3       |
| 26 Waterloo—Cedar Falls                   | 55.6      | 57.2      | 56.6       | (1)       | (1)       | (1)        | 2.7                   | 2.1       | 2.3        | 20.0          | 20.4      | 20.5       |
| 27 KANSAS                                 | 789.4     | 833.7     | 817.6      | 11.0      | 10.6      | 11.0       | 40.7                  | 44.5      | 45.1       | 156.6         | 161.7     | 154.0      |
| 28 Topeka                                 | 74.5      | 74.2      | 73.3       | .1        | .1        | .1         | 2.6                   | 3.0       | 3.0        | 10.3          | 7.4       | 7.4        |
| 29 Wichita                                | 166.7     | 170.6     | 164.2      | 2.1       | 2.0       | 2.0        | 7.9                   | 9.0       | 9.0        | 51.7          | 52.0      | 46.0       |
| 30 KENTUCKY                               | 1,036.3   | 1,065.1   | 1,067.0    | 44.9      | 45.9      | 46.0       | 50.3                  | 55.2      | 58.6       | 252.5         | 266.7     | 261.3      |
| 31 Lexington—Fayette                      | 117.0     | 121.2     | 119.8      | (1)       | (1)       | (1)        | 6.4                   | 6.0       | 6.0        | 27.6          | 29.9      | 29.5       |
| 32 Louisville                             | 353.1     | 352.5     | 356.5      | (1)       | (1)       | (1)        | 16.9                  | 16.0      | 16.5       | 106.1         | 105.0     | 105.1      |
| 33 LOUISIANA                              | 1,185.3   | 1,197.5   | 1,193.4    | 56.2      | 55.6      | 55.6       | 89.2                  | 91.1      | 91.4       | 181.4         | 183.3     | 182.6      |
| 34 Baton Rouge                            | 152.1     | 156.8     | 160.0      | .9        | .9        | .9         | 15.3                  | 18.1      | 17.9       | 21.7          | 21.6      | 21.9       |
| 35 Lake Charles                           | 47.5      | 48.4      | 48.7       | 1.3       | 1.3       | 1.3        | 5.1                   | 4.8       | 4.9        | 10.5          | 10.9      | 11.0       |
| 36 Monroe                                 | 42.7      | 43.0      | 42.9       | .4        | .3        | .3         | 3.9                   | 3.7       | 3.8        | 6.9           | 6.9       | 6.9        |
| 37 New Orleans                            | 413.4     | 421.9     | 418.5      | 15.7      | 16.0      | 16.0       | 26.9                  | 26.8      | 26.8       | 50.6          | 50.7      | 50.5       |
| 38 Shreveport                             | 123.2     | 126.2     | 127.8      | 4.5       | 4.4       | 4.4        | 8.7                   | 8.3       | 8.5        | 24.6          | 25.6      | 25.4       |
| 39 MAINE                                  | 364.0     | 374.5     | 370.2      | (1)       | (1)       | (1)        | 20.2                  | 20.2      | 21.0       | 94.0          | 106.3     | 101.2      |
| 40 Lewiston—Auburn                        | 25.2      | 30.7      | 29.3       | (1)       | (1)       | (1)        | 1.2                   | 1.2       | 1.2        | 10.2          | 11.5      | 10.2       |
| 41 Portland                               | 74.6      | 77.8      | 76.2       | (1)       | (1)       | (1)        | 3.1                   | 3.5       | 3.5        | 14.4          | 16.0      | 14.7       |
| 42 MARYLAND <sup>6</sup>                  | 1,432.0   | 1,458.5   | 1,458.3    | 1.8       | 1.6       | 1.8        | 98.1                  | 94.8      | 97.8       | 227.8         | 237.1     | 235.5      |
| 43 Baltimore                              | 851.2     | 860.0     | 861.5      | .3        | .3        | .3         | 49.2                  | 45.4      | 47.2       | 159.9         | 166.3     | 163.8      |
| 44 MASSACHUSETTS                          | 2,317.1   | 2,365.5   | 2,341.9    | (1)       | (1)       | (1)        | 84.8                  | 73.4      | 73.5       | 575.1         | 609.4     | 586.5      |
| 45 Boston                                 | 1,256.7   | 1,268.7   | 1,258.2    | (1)       | (1)       | (1)        | 49.8                  | 42.0      | 41.9       | 247.5         | 255.1     | 253.1      |
| 46 Brockton                               | 48.8      | 51.3      | 49.7       | -         | -         | -          | 1.7                   | 1.6       | 1.6        | 11.1          | 11.8      | 11.3       |
| 47 Fall River                             | 47.2      | 50.1      | 48.4       | (1)       | (1)       | (1)        | (1)                   | (1)       | (1)        | 18.4          | 20.4      | 18.7       |
| 48 Lawrence—Haverhill                     | 53.7      | 54.1      | 51.5       | (1)       | (1)       | (1)        | 2.6                   | 2.3       | 2.4        | 36.8          | 35.9      | 33.9       |
| 49 Lowell                                 | 58.1      | 61.2      | 60.0       | (1)       | (1)       | (1)        | 2.2                   | 1.9       | 1.9        | 18.3          | 20.7      | 19.8       |
| 50 New Bedford                            | 56.1      | 55.3      | 57.2       | (1)       | (1)       | (1)        | 1.4                   | 1.1       | 1.2        | 21.7          | 24.3      | 22.3       |
| 51 Springfield—Chicopee—Holyoke           | 208.4     | 205.6     | 209.7      | (1)       | (1)       | (1)        | 6.3                   | 6.2       | 6.2        | 60.3          | 63.1      | 61.5       |
| 52 Worcester                              | 137.9     | 143.7     | 141.3      | (1)       | (1)       | (1)        | 4.6                   | 4.6       | 4.6        | 40.0          | 42.2      | 40.8       |
| 53 MICHIGAN                               | 3,102.5   | 3,210.4   | 3,135.3    | 14.1      | 13.4      | 13.4       | 99.5                  | 69.8      | 93.6       | 567.0         | 1,048.1   | 988.6      |
| 54 Ann Arbor                              | 105.5     | 113.1     | 111.6      | (1)       | (1)       | (1)        | 2.2                   | 2.2       | 2.2        | 31.7          | 36.0      | 35.2       |
| 55 Battle Creek                           | 60.5      | 63.1      | 62.8       | (1)       | (1)       | (1)        | 1.4                   | 1.7       | 1.8        | 22.6          | 23.0      | 22.8       |
| 56 Bay City                               | 31.5      | 33.0      | 33.0       | (1)       | (1)       | (1)        | 1.0                   | 1.4       | 1.4        | 5.4           | 5.6       | 9.4        |
| 57 Detroit                                | 1,563.2   | 1,617.2   | 1,569.2    | 1.1       | 1.2       | 1.2        | 48.0                  | 43.5      | 44.9       | 511.4         | 551.5     | 512.2      |
| 58 Flint                                  | 165.9     | 175.8     | 173.2      | (1)       | (1)       | (1)        | 3.8                   | 4.3       | 4.9        | 66.6          | 75.4      | 69.1       |
| 59 Grand Rapids                           | 206.7     | 216.8     | 213.5      | (1)       | (1)       | (1)        | 9.1                   | 8.2       | 8.4        | 65.6          | 72.4      | 70.3       |
| 60 Jackson                                | 48.6      | 48.5      | 48.4       | (1)       | (1)       | (1)        | 1.6                   | 1.8       | 1.8        | 15.2          | 13.9      | 13.9       |
| 61 Kalamazoo—Portage                      | 94.5      | 97.3      | 96.3       | (1)       | (1)       | (1)        | 4.5                   | 4.0       | 4.0        | 30.7          | 32.3      | 31.5       |
| 62 Lansing—East Lansing                   | 150.2     | 166.0     | 153.2      | (1)       | (1)       | (1)        | 5.5                   | 5.6       | 5.9        | 34.1          | 39.1      | 32.9       |
| 63 Muskegon—Norton Shores—Muskegon Hgts.  | 56.1      | 59.4      | 59.9       | (1)       | (1)       | (1)        | 2.2                   | 2.0       | 2.1        | 20.7          | 22.6      | 23.1       |

See footnotes at end of table.



# ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

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

(In thousands)

| Transportation and public utilities |           |            | Wholesale and retail trade |           |            | Finance, insurance, and real estate |           |            | Services  |           |            | Government |           |            |    |
|-------------------------------------|-----------|------------|----------------------------|-----------|------------|-------------------------------------|-----------|------------|-----------|-----------|------------|------------|-----------|------------|----|
| JULY 1975                           | JUNE 1976 | JULY 1976F | JULY 1975                  | JUNE 1976 | JULY 1976P | JULY 1975                           | JUNE 1976 | JULY 1976P | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975  | JUNE 1976 | JULY 1976P |    |
| 16.2                                | 16.9      | 16.8       | 67.5                       | 68.9      | 68.9       | 11.6                                | 12.1      | 12.2       | 46.0      | 47.5      | 48.2       | 62.3       | 63.7      | 64.7       | 1  |
| 3.9                                 | 4.0       | 4.8        | 15.9                       | 17.0      | 17.0       | 4.0                                 | 4.2       | 4.2        | 10.0      | 10.4      | 10.5       | 15.6       | 16.6      | 16.8       | 2  |
| 283.2                               | 283.2     | 283.5      | 589.5                      | 1,028.0   | 1,020.5    | 256.8                               | 254.5     | 263.4      | 757.0     | 802.2     | 813.4      | 688.6      | 675.4     | 661.0      | 3  |
| 3.0                                 | 3.2       | 3.2        | 10.2                       | 10.3      | 13.2       | 6.3                                 | 6.4       | 6.5        | 7.0       | 6.8       | 6.7        | 7.5        | 8.2       | 7.7        | 4  |
| 2.7                                 | 2.7       | 2.8        | 13.1                       | 14.1      | 14.1       | 4.8                                 | 1.6       | 1.8        | 9.7       | 10.2      | 10.1       | 29.5       | 26.3      | 25.5       | 5  |
| 215.7                               | 214.1     | 213.2      | 719.1                      | 748.4     | 742.4      | 202.9                               | 200.7     | 202.8      | 607.4     | 608.7     | 615.2      | 457.5      | 435.1     | 439.0      | 6  |
| 201.1                               | 200.0     | 199.2      | 675.9                      | 705.6     | 695.6      | 195.3                               | 193.1     | 195.2      | 577.0     | 577.9     | 583.9      | 425.0      | 404.3     | 406.1      | 7  |
| 7.9                                 | 7.8       | 7.8        | 37.1                       | 38.2      | 37.7       | 6.1                                 | 6.2       | 6.3        | 21.3      | 21.9      | 21.5       | 24.5       | 25.7      | 25.4       | 8  |
| 4.4                                 | 4.4       | 4.5        | 9.9                        | 9.9       | 9.9        | 2.2                                 | 2.4       | 2.5        | 8.4       | 8.6       | 8.7        | 4.5        | 5.0       | 4.4        | 9  |
| 7.3                                 | 7.6       | 7.6        | 31.8                       | 32.5      | 32.4       | 6.2                                 | 6.4       | 6.4        | 22.9      | 23.6      | 24.0       | 15.8       | 15.9      | 15.2       | 10 |
| 4.1                                 | 4.2       | 4.2        | 23.4                       | 23.8      | 23.7       | 3.5                                 | 3.4       | 3.5        | 15.2      | 15.8      | 15.7       | 11.0       | 12.3      | 10.9       | 11 |
| 4.3                                 | 4.4       | 4.4        | 15.4                       | 15.5      | 15.5       | 6.3                                 | 6.3       | 6.4        | 14.6      | 14.4      | 14.6       | 25.3       | 26.1      | 26.0       | 12 |
| 100.7                               | 101.5     | 100.6      | 416.3                      | 425.9     | 425.5      | 89.4                                | 90.1      | 90.1       | 273.1     | 277.2     | 277.8      | 329.3      | 332.6     | 336.5      | 13 |
| 5.7                                 | 5.6       | 5.2        | 24.7                       | 24.7      | 24.8       | 3.7                                 | 3.7       | 3.7        | 19.6      | 19.0      | 19.4       | 11.6       | 12.0      | 13.0       | 14 |
| 9.7                                 | 9.7       | 9.7        | 35.1                       | 35.4      | 35.2       | 8.7                                 | 8.8       | 8.9        | 22.5      | 22.8      | 22.6       | 16.1       | 15.7      | 15.6       | 15 |
| 14.6                                | 14.1      | 14.0       | 42.2                       | 42.8      | 42.8       | 7.6                                 | 7.6       | 7.6        | 30.5      | 30.8      | 31.3       | 32.5       | 30.8      | 32.9       | 16 |
| 27.0                                | 26.9      | 27.0       | 105.4                      | 105.4     | 105.6      | 32.7                                | 32.2      | 32.3       | 68.4      | 68.8      | 67.9       | 84.7       | 83.5      | 81.6       | 17 |
| 1.9                                 | 1.9       | 1.5        | 10.0                       | 10.1      | 10.1       | 1.5                                 | 1.5       | 1.5        | 6.3       | 6.4       | 6.5        | 8.2        | 40.1      | 8.8        | 18 |
| 4.8                                 | 4.9       | 4.9        | 23.6                       | 23.6      | 23.5       | 5.8                                 | 5.4       | 5.5        | 20.5      | 20.2      | 20.3       | 11.8       | 12.3      | 11.8       | 19 |
| 4.1                                 | 4.0       | 4.0        | 13.5                       | 13.3      | 13.3       | 1.8                                 | 1.8       | 1.8        | 8.6       | 8.8       | 9.0        | 10.3       | 10.9      | 10.5       | 20 |
| 55.1                                | 55.9      | 55.6       | 245.4                      | 254.2     | 252.4      | 48.1                                | 48.3      | 48.3       | 176.5     | 181.9     | 183.4      | 179.3      | 194.5     | 183.4      | 21 |
| 3.7                                 | 3.7       | 3.7        | 15.2                       | 15.4      | 15.4       | 3.4                                 | 3.5       | 3.6        | 12.3      | 12.8      | 12.8       | 8.4        | 9.4       | 8.5        | 22 |
| 10.4                                | 10.6      | 10.6       | 38.8                       | 40.3      | 40.3       | 17.8                                | 17.5      | 17.6       | 30.3      | 31.0      | 30.5       | 26.9       | 27.5      | 26.9       | 23 |
| 1.6                                 | 1.6       | 1.6        | 7.9                        | 7.9       | 7.8        | 1.1                                 | 1.1       | 1.1        | 8.1       | 8.2       | 7.9        | 3.2        | 3.5       | 3.2        | 24 |
| 3.7                                 | 3.6       | 3.6        | 11.8                       | 12.0      | 11.9       | 2.4                                 | 2.5       | 2.5        | 9.7       | 9.8       | 9.9        | 5.4        | 6.3       | 6.0        | 25 |
| 2.3                                 | 2.3       | 2.3        | 12.1                       | 12.4      | 12.5       | 1.6                                 | 1.6       | 1.6        | 8.6       | 8.5       | 8.8        | 8.4        | 9.5       | 8.6        | 26 |
| 55.5                                | 56.8      | 56.6       | 190.3                      | 202.4     | 202.3      | 38.3                                | 40.0      | 40.2       | 133.0     | 141.1     | 140.6      | 163.7      | 176.4     | 167.8      | 27 |
| 7.0                                 | 7.1       | 7.1        | 16.3                       | 16.3      | 16.2       | 5.3                                 | 5.6       | 5.6        | 13.4      | 13.7      | 13.7       | 19.7       | 21.0      | 20.2       | 28 |
| 8.5                                 | 8.4       | 8.4        | 36.9                       | 37.9      | 38.1       | 8.0                                 | 8.2       | 8.2        | 30.8      | 31.2      | 31.0       | 21.0       | 21.9      | 21.5       | 29 |
| 55.6                                | 61.8      | 61.8       | 211.3                      | 205.3     | 210.7      | 42.0                                | 42.2      | 41.8       | 165.9     | 168.9     | 169.4      | 211.8      | 219.1     | 217.4      | 30 |
| 6.2                                 | 6.1       | 6.2        | 26.0                       | 26.0      | 26.6       | 5.4                                 | 5.5       | 5.6        | 18.1      | 15.6      | 19.1       | 27.3       | 27.9      | 26.8       | 31 |
| 21.6                                | 22.4      | 22.4       | 77.0                       | 76.1      | 76.7       | 20.0                                | 20.3      | 20.4       | 62.5      | 63.5      | 63.4       | 48.9       | 49.3      | 52.0       | 32 |
| 97.0                                | 97.7      | 98.4       | 275.2                      | 277.3     | 277.7      | 58.9                                | 59.2      | 59.3       | 189.8     | 193.2     | 191.5      | 237.6      | 240.1     | 236.9      | 33 |
| 7.7                                 | 9.1       | 9.5        | 29.4                       | 30.2      | 30.1       | 8.2                                 | 8.9       | 9.0        | 21.5      | 20.8      | 20.5       | 47.4       | 49.0      | 50.2       | 34 |
| 2.6                                 | 2.9       | 3.1        | 10.6                       | 10.7      | 10.7       | 2.0                                 | 2.2       | 2.2        | 7.2       | 7.4       | 7.4        | 8.2        | 8.2       | 8.1        | 35 |
| 2.6                                 | 2.6       | 2.6        | 11.1                       | 11.7      | 11.7       | 3.0                                 | 3.2       | 3.2        | 6.3       | 6.5       | 6.4        | 8.5        | 8.1       | 8.0        | 36 |
| 43.6                                | 43.7      | 44.1       | 104.7                      | 107.5     | 107.5      | 25.8                                | 25.9      | 25.9       | 81.2      | 82.5      | 83.0       | 64.9       | 68.4      | 64.7       | 37 |
| 10.6                                | 10.1      | 9.5        | 29.8                       | 30.5      | 30.8       | 5.7                                 | 5.6       | 5.6        | 20.3      | 20.5      | 20.8       | 19.0       | 20.6      | 22.4       | 38 |
| 18.2                                | 17.1      | 16.8       | 77.1                       | 76.3      | 77.1       | 14.2                                | 14.3      | 14.4       | 66.3      | 61.1      | 67.4       | 74.0       | 79.2      | 72.3       | 39 |
| 1.1                                 | 1.1       | 1.1        | 6.6                        | 6.7       | 6.7        | 1.3                                 | 1.3       | 1.3        | 6.1       | 5.9       | 6.1        | 2.7        | 3.0       | 2.7        | 40 |
| 4.8                                 | 4.7       | 4.5        | 19.9                       | 19.9      | 20.2       | 6.1                                 | 6.0       | 6.0        | 14.5      | 15.5      | 15.8       | 12.0       | 12.2      | 11.1       | 41 |
| 78.3                                | 76.9      | 78.5       | 355.4                      | 362.3     | 361.6      | 81.3                                | 80.1      | 80.5       | 288.2     | 295.3     | 296.8      | 301.1      | 308.2     | 305.4      | 42 |
| 54.2                                | 54.7      | 55.1       | 191.0                      | 194.0     | 192.9      | 48.9                                | 48.0      | 48.2       | 157.1     | 160.5     | 161.1      | 190.6      | 190.8     | 192.9      | 43 |
| 111.3                               | 113.6     | 109.5      | 526.7                      | 540.1     | 536.4      | 135.3                               | 138.1     | 138.0      | 511.0     | 525.8     | 529.1      | 368.9      | 365.1     | 368.9      | 44 |
| 69.4                                | 68.0      | 66.6       | 280.9                      | 288.5     | 281.5      | 93.1                                | 92.1      | 92.0       | 318.9     | 326.0     | 324.4      | 197.1      | 193.0     | 198.7      | 45 |
| 3.4                                 | 3.6       | 3.4        | 13.9                       | 14.6      | 14.4       | 1.7                                 | 1.7       | 1.7        | 7.8       | 8.3       | 8.3        | 9.2        | 9.7       | 9.0        | 46 |
| 2.0                                 | 1.9       | 1.5        | 9.2                        | 10.0      | 9.8        | (1)                                 | (1)       | (1)        | 12.0      | 12.0      | 12.3       | 5.6        | 5.8       | 5.7        | 47 |
| 3.4                                 | 3.3       | 3.0        | 16.4                       | 19.3      | 19.0       | 3.3                                 | 3.3       | 3.3        | 14.8      | 14.6      | 14.6       | 14.4       | 15.4      | 15.3       | 48 |
| 2.3                                 | 2.5       | 2.3        | 13.0                       | 13.4      | 13.3       | 1.9                                 | 1.9       | 1.9        | 10.0      | 10.0      | 10.3       | 10.4       | 10.8      | 10.5       | 49 |
| 2.6                                 | 2.6       | 2.5        | 10.8                       | 11.1      | 10.9       | (1)                                 | (1)       | (1)        | 11.8      | 12.5      | 12.4       | 7.8        | 7.7       | 7.9        | 50 |
| 8.3                                 | 8.5       | 8.6        | 46.4                       | 45.2      | 46.7       | 11.3                                | 11.0      | 11.0       | 36.5      | 36.5      | 37.1       | 39.3       | 39.1      | 39.2       | 51 |
| 5.9                                 | 7.3       | 7.1        | 30.7                       | 30.3      | 30.4       | 8.1                                 | 7.9       | 8.0        | 25.5      | 27.0      | 26.5       | 23.1       | 24.4      | 23.9       | 52 |
| 144.3                               | 145.5     | 147.4      | 656.8                      | 665.6     | 655.0      | 130.0                               | 130.8     | 131.6      | 522.7     | 522.5     | 523.8      | 568.0      | 594.6     | 578.0      | 53 |
| 2.3                                 | 2.4       | 2.4        | 15.6                       | 16.4      | 16.0       | 3.2                                 | 3.4       | 3.4        | 16.0      | 16.7      | 16.6       | 34.5       | 36.1      | 35.7       | 54 |
| 2.3                                 | 2.3       | 2.2        | 5.7                        | 10.3      | 10.4       | 3.8                                 | 3.8       | 3.8        | 9.7       | 9.5       | 9.9        | 11.0       | 12.2      | 11.9       | 55 |
| 1.9                                 | 1.8       | 1.6        | 7.7                        | 8.2       | 8.2        | 1.0                                 | 1.0       | 1.0        | 5.6       | 5.5       | 6.0        | 4.8        | 5.0       | 5.2        | 56 |
| 76.4                                | 77.0      | 78.0       | 316.7                      | 322.1     | 316.4      | 75.8                                | 76.6      | 77.0       | 282.2     | 284.3     | 284.9      | 251.6      | 260.9     | 254.4      | 57 |
| 5.3                                 | 6.1       | 6.4        | 34.6                       | 36.3      | 34.4       | 4.9                                 | 5.1       | 5.1        | 24.3      | 23.7      | 23.5       | 26.4       | 28.9      | 27.8       | 58 |
| 8.5                                 | 9.0       | 9.2        | 50.2                       | 52.7      | 51.8       | 8.0                                 | 8.1       | 8.1        | 35.9      | 36.9      | 36.8       | 29.1       | 29.6      | 29.1       | 59 |
| 4.2                                 | 4.2       | 4.2        | 9.3                        | 9.3       | 9.3        | 1.5                                 | 1.5       | 1.5        | 8.5       | 8.9       | 8.9        | 8.3        | 8.9       | 8.8        | 60 |
| 3.1                                 | 3.2       | 3.2        | 18.5                       | 19.5      | 19.4       | 3.1                                 | 3.2       | 3.2        | 16.9      | 17.3      | 17.5       | 17.8       | 18.0      | 17.5       | 61 |
| 3.9                                 | 3.9       | 3.9        | 28.5                       | 29.5      | 28.9       | 7.4                                 | 7.7       | 7.7        | 22.0      | 23.3      | 23.2       | 48.7       | 57.0      | 50.6       | 62 |
| 2.9                                 | 3.0       | 3.1        | 10.4                       | 10.8      | 10.8       | 1.5                                 | 1.6       | 1.6        | 8.5       | 8.9       | 8.9        | 9.7        | 10.2      | 10.1       | 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 |           |            |
|--|-----------|-----------|------------|-----------|-----------|------------|-----------------------|-----------|------------|---------------|-----------|------------|
|  | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975             | JUNE 1976 | JULY 1976P | JULY 1975     | JUNE 1976 | JULY 1976P |
| 1 MICHIGAN—Continued                       |           |           |            |           |           |            |                       |           |            |               |           |            |
| 1 Saginaw .....                            | 77.4      | 82.1      | 82.6       | (1)       | (1)       | (1)        | 2.3                   | 2.5       | 2.6        | 29.0          | 31.9      | 31.6       |
| 2 MINNESOTA .....                          | 1,460.3   | 1,525.6   | 1,510.7    | 14.6      | 15.0      | 15.0       | 63.8                  | 73.3      | 75.4       | 312.6         | 320.2     | 324.4      |
| 3 Duluth—Superior .....                    | 55.6      | 57.1      | 57.0       | (1)       | (1)       | (1)        | 2.2                   | 2.7       | 2.7        | 7.6           | 7.4       | 7.4        |
| 4 Minneapolis—St. Paul .....               | 681.8     | 919.9     | 908.3      | (1)       | (1)       | (1)        | 30.9                  | 38.0      | 39.4       | 200.7         | 204.1     | 203.9      |
| 5 MISSISSIPPI .....                        | 658.9     | 683.1     | 682.6      | 6.3       | 6.4       | 6.5        | 34.8                  | 38.1      | 38.2       | 154.9         | 211.4     | 208.4      |
| 6 Jackson .....                            | 111.7     | 116.5     | 116.0      | .8        | .5        | .9         | 4.1                   | 5.6       | 5.9        | 16.8          | 17.6      | 17.6       |
| 7 MISSOURI .....                           | 1,710.9   | 1,753.7   | 1,741.2    | 8.6       | 8.4       | 8.4        | 73.9                  | 71.8      | 74.6       | 397.0         | 417.5     | 414.2      |
| 8 Kansas City .....                        | 539.7     | 554.3     | 556.1      | .7        | .6        | .6         | 27.2                  | 25.9      | 26.7       | 105.3         | 109.8     | 111.9      |
| 9 St. Joseph .....                         | 34.6      | 36.1      | 36.2       | (2)       | (2)       | (2)        | 1.9                   | 2.1       | 2.5        | 8.5           | 5.6       | 9.6        |
| 10 St. Louis .....                         | 894.4     | 911.4     | 900.2      | 3.0       | 2.6       | 2.6        | 30.8                  | 41.6      | 42.0       | 235.6         | 244.3     | 237.5      |
| 11 Springfield .....                       | 66.7      | 72.2      | 71.1       | .1        | .2        | .2         | 3.0                   | 2.6       | 2.8        | 17.1          | 17.8      | 18.0       |
| 12 MONTANA .....                           | 247.8     | 243.6     | 245.1      | 6.9       | 5.5       | 5.5        | 14.6                  | 11.3      | 11.4       | 23.5          | 22.7      | 23.0       |
| 13 Billings .....                          | 35.5      | 40.5      | 40.8       | (1)       | (1)       | (1)        | 2.2                   | 2.2       | 2.2        | 3.4           | 3.5       | 3.7        |
| 14 Great Falls .....                       | 27.6      | 28.7      | 28.4       | (1)       | (1)       | (1)        | 1.6                   | 1.5       | 1.7        | 1.7           | 1.8       | 1.8        |
| 15 NEBRASKA .....                          | 556.8     | 565.3     | 563.5      | 1.7       | 1.6       | 1.5        | 28.1                  | 27.8      | 28.5       | 84.7          | 87.5      | 88.6       |
| 16 Lincoln .....                           | 86.2      | 88.2      | 87.5       | —         | —         | —          | 4.8                   | 4.4       | 4.5        | 12.6          | 11.9      | 11.9       |
| 17 Omaha .....                             | 233.8     | 237.2     | 237.0      | (2)       | (2)       | (2)        | 10.4                  | 11.2      | 11.6       | 33.0          | 34.0      | 34.4       |
| 18 NEVADA .....                            | 272.5     | 282.5     | 285.4      | 4.5       | 3.8       | 3.8        | 12.8                  | 14.2      | 14.0       | 12.5          | 13.1      | 13.2       |
| 19 Las Vegas .....                         | 147.0     | 152.2     | 153.4      | .2        | .2        | .2         | 6.8                   | 7.6       | 7.2        | 5.1           | 5.5       | 5.5        |
| 20 Reno .....                              | 76.2      | 80.0      | 80.0       | .4        | .4        | .4         | 4.2                   | 4.8       | 4.9        | 4.9           | 5.2       | 5.2        |
| 21 NEW HAMPSHIRE .....                     | 304.8     | 313.5     | 321.2      | .4        | .5        | .5         | 15.1                  | 14.7      | 15.4       | 81.3          | 92.6      | 90.5       |
| 22 Manchester .....                        | 55.9      | 58.8      | 58.1       | (1)       | (1)       | (1)        | 2.4                   | 2.5       | 2.4        | 15.1          | 16.9      | 16.2       |
| 23 Nashua .....                            | 42.7      | 45.1      | 44.5       | (1)       | (1)       | (1)        | 1.4                   | 1.4       | 1.4        | 19.1          | 20.8      | 20.5       |
| 24 NEW JERSEY .....                        | 2,665.3   | 2,703.4   | 2,686.8    | 2.8       | 3.0       | 2.9        | 91.4                  | 87.6      | 88.4       | 717.0         | 736.3     | 721.1      |
| 25 Atlantic City .....                     | 71.4      | 66.6      | 70.6       | —         | —         | —          | 2.7                   | 2.7       | 2.5        | 8.4           | 7.9       | 7.3        |
| 26 Camden .....                            | 279.6     | 287.4     | 283.9      | .1        | .1        | .1         | 13.1                  | 13.6      | 14.0       | 61.8          | 62.8      | 61.2       |
| 27 Hackensack .....                        | 338.5     | 341.3     | 334.8      | (1)       | (1)       | (1)        | 11.6                  | 11.3      | 11.1       | 97.7          | 100.6     | 98.9       |
| 28 Jersey City .....                       | 226.8     | 230.4     | 230.5      | —         | —         | —          | 4.2                   | 3.7       | 4.0        | 74.0          | 73.9      | 70.2       |
| 29 Long Branch—Asbury Park .....           | 142.3     | 145.0     | 146.6      | (1)       | (1)       | (1)        | 5.0                   | 4.4       | 4.6        | 20.8          | 23.2      | 22.6       |
| 30 New Burns—Perth Amboy—Sayreville .....  | 234.1     | 238.1     | 234.5      | (1)       | (1)       | (1)        | 9.0                   | 8.8       | 9.0        | 78.7          | 76.3      | 77.6       |
| 31 Newark .....                            | 840.3     | 849.4     | 849.9      | .9        | .8        | .8         | 30.1                  | 28.7      | 28.7       | 228.1         | 237.6     | 234.3      |
| 32 Paterson—Clifton—Passaic .....          | 173.5     | 177.1     | 175.0      | (1)       | (1)       | (1)        | 5.4                   | 4.7       | 4.9        | 62.1          | 65.0      | 62.9       |
| 33 Trenton .....                           | 147.1     | 153.0     | 152.6      | (1)       | (1)       | (1)        | 3.2                   | 3.0       | 3.3        | 35.9          | 37.0      | 36.7       |
| 34 Vineland—Millville—Bridgeton .....      | 50.0      | 51.2      | 50.1       | (1)       | (1)       | (1)        | 1.5                   | 1.4       | 1.4        | 17.5          | 18.6      | 18.1       |
| 35 NEW MEXICO .....                        | 368.0     | 352.0     | 389.6      | 20.0      | 21.6      | 21.8       | 24.9                  | 26.9      | 26.3       | 27.1          | 30.0      | 30.1       |
| 36 Albuquerque .....                       | 144.4     | 155.6     | 156.0      | (1)       | (1)       | (1)        | 9.7                   | 10.4      | 10.5       | 14.4          | 16.1      | 16.2       |
| 37 NEW YORK .....                          | 6,803.7   | 6,774.3   | 6,770.9    | 7.9       | 7.8       | 7.8        | 201.9                 | 209.3     | 209.5      | 1,377.6       | 1,423.3   | 1,400.5    |
| 38 Albany—Schenectady—Troy .....           | 304.7     | 305.2     | 304.5      | (1)       | (1)       | (1)        | 12.5                  | 10.9      | 10.7       | 58.9          | 62.2      | 61.7       |
| 39 Binghamton .....                        | 104.8     | 110.2     | 106.9      | (1)       | (1)       | (1)        | 5.0                   | 4.6       | 4.6        | 37.3          | 39.9      | 38.2       |
| 40 Buffalo .....                           | 481.6     | 488.8     | 490.3      | (1)       | (1)       | (1)        | 17.0                  | 16.2      | 16.9       | 137.7         | 141.3     | 141.4      |
| 41 Elmira .....                            | 36.8      | 37.1      | 36.8       | (1)       | (1)       | (1)        | 1.4                   | 1.3       | 1.5        | 12.5          | 12.4      | 12.6       |
| 42 Monroe County .....                     | 310.3     | 321.8     | 316.7      | (1)       | (1)       | (1)        | 10.8                  | 9.9       | 10.2       | 123.5         | 127.2     | 127.6      |
| 43 Nassau—Suffolk .....                    | 790.9     | 810.0     | 799.7      | (1)       | (1)       | (1)        | 32.2                  | 31.0      | 29.3       | 137.6         | 138.4     | 136.8      |
| 44 New York—Northeastern New Jersey .....  | 6,276.2   | 6,238.8   | (*)        | 2.6       | 2.5       | (*)        | 177.8                 | 178.4     | (*)        | 1,265.2       | 1,299.5   | (*)        |
| 45 New York and Nassau—Suffolk .....       | 4,462.9   | 4,403.8   | 4,417.9    | 1.9       | 2.0       | 2.0        | 117.5                 | 120.4     | 116.5      | 726.6         | 745.6     | 726.8      |
| 46 New York SMSA .....                     | 3,672.0   | 3,553.8   | 3,618.3    | 1.8       | 1.9       | 1.9        | 85.3                  | 89.3      | 87.2       | 591.0         | 607.3     | 550.1      |
| 47 New York City .....                     | 3,277.8   | 3,197.4   | 3,224.4    | 1.5       | 1.6       | 1.6        | 69.2                  | 74.3      | 73.6       | 513.7         | 528.8     | 511.9      |
| 48 Poughkeepsie .....                      | 86.3      | 85.5      | 85.3       | (1)       | (1)       | (1)        | 3.4                   | 3.0       | 3.0        | 27.7          | 27.1      | 27.1       |
| 49 Rochester .....                         | 379.1     | 392.7     | 387.8      | (1)       | (1)       | (1)        | 13.1                  | 11.7      | 12.0       | 141.8         | 145.2     | 146.3      |
| 50 Rockland County .....                   | 73.8      | 74.5      | 74.5       | (1)       | (1)       | (1)        | 1.9                   | 1.9       | 1.7        | 13.6          | 14.1      | 14.0       |
| 51 Syracuse .....                          | 231.3     | 240.1     | 237.1      | (1)       | (1)       | (1)        | 11.0                  | 11.2      | 12.0       | 51.0          | 55.3      | 54.6       |
| 52 Utica—Rome .....                        | 111.4     | 109.3     | 108.8      | (1)       | (1)       | (1)        | 3.3                   | 3.0       | 3.1        | 30.4          | 30.2      | 29.5       |
| 53 Westchester County .....                | 305.6     | 311.3     | 308.5      | (1)       | (1)       | (1)        | 13.3                  | 12.3      | 11.1       | 62.7          | 63.5      | 63.2       |
| 54 NORTH CAROLINA .....                    | 1,899.3   | 1,984.9   | 1,948.3    | 4.2       | 4.3       | 4.3        | 100.5                 | 99.4      | 99.9       | 697.1         | 739.3     | 734.0      |
| 55 Asheville .....                         | 59.4      | 61.6      | 62.6       | (1)       | (1)       | (1)        | 3.1                   | 3.2       | 3.4        | 17.6          | 19.3      | 19.2       |
| 56 Charlotte—Gastonia .....                | 263.2     | 272.4     | 269.4      | (1)       | (1)       | (1)        | 15.9                  | 14.5      | 14.7       | 75.9          | 81.2      | 80.8       |
| 57 Greensboro—Winston-Salem—High Pt. ..... | 315.2     | 333.0     | 328.7      | (1)       | (1)       | (1)        | 14.6                  | 14.6      | 14.6       | 130.8         | 136.0     | 136.5      |
| 58 Raleigh—Durham .....                    | 204.7     | 211.1     | 207.8      | (1)       | (1)       | (1)        | 10.5                  | 10.3      | 10.5       | 34.1          | 35.4      | 35.3       |

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**

(In thousands)

| Transportation and public utilities |           |            | Wholesale and retail trade |           |            | Finance, insurance, and real estate |           |            | Services  |           |            | Government |           |            |    |
|-------------------------------------|-----------|------------|----------------------------|-----------|------------|-------------------------------------|-----------|------------|-----------|-----------|------------|------------|-----------|------------|----|
| JULY 1975                           | JUNE 1976 | JULY 1976P | JULY 1975                  | JUNE 1976 | JULY 1976P | JULY 1975                           | JUNE 1976 | JULY 1976P | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975  | JUNE 1976 | JULY 1976P |    |
| 3.9                                 | 3.9       | 3.5        | 16.1                       | 17.3      | 17.6       | 3.2                                 | 3.3       | 3.3        | 12.5      | 12.6      | 12.8       | 10.5       | 10.7      | 10.8       | 1  |
| 65.3                                | 92.7      | 92.2       | 370.9                      | 382.1     | 378.6      | 75.6                                | 76.4      | 76.5       | 278.4     | 291.8     | 290.9      | 255.1      | 274.1     | 257.6      | 2  |
| 6.5                                 | 7.6       | 7.6        | 14.1                       | 14.4      | 14.2       | 2.1                                 | 2.1       | 2.1        | 11.7      | 11.8      | 11.9       | 11.3       | 11.1      | 11.1       | 3  |
| 51.3                                | 60.4      | 60.2       | 222.5                      | 225.4     | 227.8      | 55.6                                | 56.6      | 56.9       | 179.2     | 165.2     | 165.8      | 135.5      | 146.3     | 134.3      | 4  |
| 34.5                                | 34.2      | 34.2       | 131.4                      | 133.4     | 133.7      | 27.6                                | 28.0      | 27.9       | 87.4      | 86.2      | 88.3       | 142.1      | 143.6     | 145.6      | 5  |
| 7.3                                 | 7.3       | 7.3        | 26.9                       | 27.3      | 27.2       | 9.3                                 | 9.5       | 9.5        | 20.7      | 21.2      | 21.1       | 25.8       | 27.2      | 26.6       | 6  |
| 122.4                               | 124.2     | 124.2      | 407.2                      | 409.2     | 405.5      | 94.9                                | 94.8      | 94.9       | 308.0     | 316.6     | 316.2      | 298.9      | 311.2     | 295.2      | 7  |
| 49.2                                | 50.4      | 50.7       | 139.0                      | 141.4     | 142.1      | 34.7                                | 36.5      | 36.9       | 101.9     | 106.6     | 106.6      | 79.7       | 82.7      | 80.6       | 8  |
| 2.3                                 | 2.3       | 2.4        | 8.4                        | 8.8       | 8.8        | 1.7                                 | 1.6       | 1.6        | 6.4       | 6.2       | 6.2        | 5.0        | 5.3       | 4.9        | 9  |
| 64.9                                | 64.3      | 64.3       | 204.4                      | 204.5     | 205.1      | 50.0                                | 49.0      | 49.4       | 176.1     | 176.3     | 175.5      | 125.6      | 128.8     | 123.8      | 10 |
| 5.1                                 | 5.2       | 5.1        | 18.6                       | 19.3      | 19.3       | 2.7                                 | 2.6       | 2.8        | 12.8      | 13.6      | 13.8       | 5.3        | 10.7      | 9.1        | 11 |
| 19.9                                | 19.6      | 19.7       | 61.9                       | 60.2      | 60.8       | 10.4                                | 10.6      | 10.6       | 47.1      | 45.5      | 46.5       | 63.5       | 67.8      | 67.2       | 12 |
| 3.6                                 | 3.4       | 3.4        | 12.8                       | 13.2      | 13.4       | 2.0                                 | 2.1       | 2.1        | 8.6       | 8.3       | 8.4        | 7.3        | 7.8       | 7.6        | 13 |
| 2.0                                 | 2.0       | 2.0        | 8.6                        | 6.7       | 6.7        | 1.9                                 | 2.0       | 1.9        | 6.2       | 6.6       | 6.5        | 5.6        | 6.1       | 5.6        | 14 |
| 39.9                                | 42.9      | 43.1       | 139.6                      | 143.2     | 142.9      | 34.4                                | 35.2      | 35.2       | 100.0     | 101.3     | 100.9      | 128.4      | 125.9     | 122.8      | 15 |
| 5.6                                 | 6.0       | 6.0        | 17.7                       | 18.4      | 18.3       | 6.1                                 | 6.4       | 6.4        | 14.3      | 15.1      | 15.0       | 25.1       | 26.0      | 25.1       | 16 |
| 21.8                                | 21.8      | 21.7       | 58.6                       | 59.3      | 59.1       | 20.0                                | 20.4      | 20.4       | 48.9      | 45.0      | 48.8       | 41.1       | 41.5      | 41.0       | 17 |
| 17.3                                | 17.8      | 17.9       | 53.2                       | 56.3      | 57.1       | 10.7                                | 11.2      | 11.2       | 117.0     | 119.9     | 122.3      | 44.5       | 46.2      | 45.9       | 18 |
| 9.3                                 | 9.6       | 9.6        | 28.5                       | 30.7      | 31.1       | 5.6                                 | 5.9       | 5.9        | 71.7      | 72.4      | 73.5       | 15.8       | 20.3      | 20.4       | 19 |
| 5.7                                 | 5.9       | 5.5        | 16.8                       | 17.1      | 17.4       | 4.0                                 | 4.1       | 4.0        | 28.1      | 25.5      | 30.5       | 12.1       | 12.6      | 12.5       | 20 |
| 11.6                                | 12.0      | 11.6       | 67.6                       | 67.5      | 69.6       | 14.2                                | 14.4      | 14.5       | 67.1      | 62.0      | 70.1       | 47.5       | 49.8      | 49.0       | 21 |
| 3.6                                 | 3.6       | 3.5        | 13.3                       | 13.7      | 13.8       | 3.9                                 | 4.0       | 4.1        | 10.6      | 11.0      | 11.0       | 6.9        | 7.1       | 7.1        | 22 |
| 1.6                                 | 1.7       | 1.6        | 8.7                        | 8.6       | 8.6        | 1.4                                 | 1.5       | 1.5        | 6.3       | 6.5       | 6.6        | 4.2        | 4.6       | 4.3        | 23 |
| 174.5                               | 175.3     | 178.4      | 555.7                      | 602.4     | 596.6      | 137.1                               | 139.0     | 139.9      | 476.3     | 482.3     | 485.8      | 474.5      | 471.5     | 473.7      | 24 |
| 3.4                                 | 3.2       | 3.2        | 20.4                       | 18.7      | 19.9       | 3.9                                 | 4.1       | 4.2        | 19.2      | 17.2      | 20.1       | 13.4       | 12.8      | 13.4       | 25 |
| 14.8                                | 14.2      | 14.0       | 72.7                       | 74.0      | 73.5       | 13.7                                | 13.6      | 13.6       | 51.4      | 53.7      | 52.8       | 52.0       | 55.4      | 54.7       | 26 |
| 17.0                                | 16.8      | 16.6       | 96.1                       | 97.6      | 94.9       | 13.9                                | 14.6      | 14.6       | 61.6      | 61.3      | 61.6       | 40.6       | 39.1      | 37.1       | 27 |
| 29.8                                | 29.4      | 29.2       | 41.8                       | 42.8      | 41.8       | 8.7                                 | 9.2       | 9.2        | 27.2      | 26.0      | 27.6       | 41.1       | 43.4      | 46.5       | 28 |
| 5.7                                 | 6.0       | 5.8        | 36.6                       | 36.7      | 37.9       | 5.7                                 | 5.6       | 5.8        | 34.7      | 34.4      | 36.0       | 33.8       | 34.7      | 33.9       | 29 |
| 17.0                                | 16.5      | 16.4       | 50.4                       | 53.3      | 52.0       | 6.7                                 | 8.2       | 8.2        | 31.0      | 31.4      | 31.8       | 41.3       | 43.6      | 39.5       | 30 |
| 63.5                                | 64.2      | 65.3       | 159.1                      | 161.4     | 159.2      | 59.2                                | 59.0      | 59.5       | 156.6     | 157.6     | 157.7      | 142.8      | 140.1     | 144.4      | 31 |
| 6.1                                 | 5.6       | 5.5        | 38.9                       | 40.4      | 39.5       | 8.6                                 | 8.6       | 8.7        | 27.5      | 28.6      | 28.4       | 24.9       | 24.2      | 24.7       | 32 |
| 5.1                                 | 5.1       | 4.5        | 21.0                       | 22.6      | 22.3       | 6.3                                 | 6.3       | 6.3        | 35.5      | 37.0      | 36.7       | 40.1       | 42.0      | 42.4       | 33 |
| 3.2                                 | 3.0       | 2.9        | 7.6                        | 7.5       | 7.5        | 2.6                                 | 2.6       | 2.6        | 7.0       | 7.4       | 7.2        | 10.6       | 10.7      | 10.4       | 34 |
| 22.2                                | 22.2      | 22.3       | 82.6                       | 88.6      | 88.5       | 16.8                                | 17.6      | 17.7       | 72.6      | 77.0      | 77.2       | 101.8      | 108.1     | 105.7      | 35 |
| 8.0                                 | 8.1       | 8.1        | 36.0                       | 40.1      | 40.1       | 8.6                                 | 8.9       | 8.9        | 32.7      | 36.0      | 36.0       | 35.0       | 36.0      | 36.2       | 36 |
| 426.6                               | 427.4     | 421.5      | 1,387.2                    | 1,397.3   | 1,380.6    | 585.5                               | 583.9     | 585.1      | 1,456.5   | 1,454.8   | 1,464.0    | 1,358.3    | 1,270.5   | 1,301.9    | 37 |
| 15.0                                | 14.3      | 14.5       | 61.4                       | 55.6      | 56.5       | 14.0                                | 13.8      | 13.9       | 58.8      | 60.0      | 60.3       | 84.1       | 84.3      | 83.9       | 38 |
| 4.5                                 | 4.7       | 4.7        | 19.1                       | 20.6      | 20.3       | 3.7                                 | 3.8       | 3.8        | 14.0      | 14.4      | 14.3       | 21.3       | 22.1      | 21.0       | 39 |
| 26.9                                | 27.6      | 27.0       | 105.4                      | 107.8     | 107.7      | 19.8                                | 19.9      | 20.1       | 86.3      | 88.8      | 88.6       | 88.5       | 85.2      | 88.7       | 40 |
| 1.5                                 | 1.5       | 1.5        | 7.9                        | 8.0       | 8.0        | 1.1                                 | 1.0       | 1.1        | 6.0       | 6.1       | 5.9        | 6.5        | 6.7       | 6.3        | 41 |
| 10.7                                | 10.6      | 10.5       | 55.8                       | 58.4      | 56.9       | 13.9                                | 14.2      | 14.3       | 59.5      | 62.0      | 61.8       | 35.7       | 39.5      | 35.5       | 42 |
| 33.3                                | 34.6      | 32.6       | 205.4                      | 217.0     | 214.3      | 43.0                                | 44.7      | 45.0       | 171.7     | 174.1     | 177.8      | 167.8      | 170.1     | 163.8      | 43 |
| 456.1                               | 451.2     | (*)        | 1,305.7                    | 1,331.7   | (*)        | 585.2                               | 566.6     | (*)        | 1,333.7   | 1,339.1   | (*)        | 1,146.1    | 1,049.8   | (*)        | 44 |
| 322.7                               | 319.1     | 315.4      | 519.2                      | 537.3     | 524.0      | 488.2                               | 487.0     | 487.0      | 1,029.4   | 1,031.8   | 1,030.7    | 855.4      | 760.5     | 815.4      | 45 |
| 289.5                               | 284.5     | 282.8      | 713.8                      | 720.3     | 709.8      | 445.2                               | 442.3     | 442.0      | 857.9     | 857.7     | 853.0      | 667.6      | 590.4     | 651.5      | 46 |
| 267.5                               | 262.4     | 260.9      | 624.7                      | 629.1     | 619.8      | 424.7                               | 421.3     | 421.0      | 762.8     | 763.8     | 756.7      | 613.7      | 516.1     | 578.9      | 47 |
| 2.7                                 | 2.7       | 2.7        | 14.9                       | 15.1      | 15.0       | 2.6                                 | 2.6       | 2.7        | 15.3      | 14.4      | 14.9       | 19.6       | 20.6      | 19.8       | 48 |
| 13.3                                | 13.2      | 13.1       | 72.5                       | 75.8      | 73.8       | 15.6                                | 16.2      | 16.3       | 69.5      | 71.4      | 72.1       | 53.3       | 59.3      | 54.2       | 49 |
| 3.6                                 | 3.6       | 3.6        | 15.9                       | 16.9      | 16.8       | 2.6                                 | 2.6       | 2.5        | 16.0      | 15.5      | 16.2       | 20.2       | 20.0      | 19.7       | 50 |
| 13.8                                | 14.2      | 14.0       | 52.4                       | 54.9      | 54.5       | 14.6                                | 14.7      | 14.8       | 41.8      | 41.9      | 41.6       | 46.7       | 48.0      | 45.6       | 51 |
| 4.0                                 | 3.9       | 3.8        | 20.2                       | 20.4      | 20.2       | 5.0                                 | 5.0       | 4.9        | 18.6      | 18.4      | 18.8       | 29.9       | 28.4      | 28.5       | 52 |
| 17.8                                | 17.9      | 17.7       | 70.5                       | 71.4      | 70.2       | 17.4                                | 18.0      | 18.1       | 76.7      | 76.3      | 77.7       | 51.3       | 51.8      | 50.5       | 53 |
| 96.6                                | 97.5      | 97.3       | 365.3                      | 367.1     | 367.0      | 83.5                                | 83.4      | 83.7       | 265.0     | 263.3     | 267.5      | 287.1      | 330.6     | 294.6      | 54 |
| 3.3                                 | 3.3       | 3.4        | 12.1                       | 12.1      | 12.0       | 2.5                                 | 2.7       | 2.9        | 11.3      | 11.4      | 11.5       | 5.5        | 9.6       | 10.2       | 55 |
| 24.6                                | 25.5      | 25.4       | 61.9                       | 62.1      | 62.0       | 17.8                                | 18.0      | 18.0       | 36.6      | 37.2      | 37.1       | 30.5       | 33.9      | 31.2       | 56 |
| 19.0                                | 19.3      | 19.2       | 61.3                       | 62.8      | 62.4       | 14.6                                | 14.2      | 14.2       | 43.7      | 44.4      | 45.0       | 35.2       | 41.7      | 36.8       | 57 |
| 10.0                                | 9.8       | 9.8        | 39.6                       | 39.2      | 39.1       | 14.1                                | 13.7      | 13.7       | 40.9      | 41.7      | 41.8       | 55.5       | 61.0      | 57.6       | 58 |

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

| State and area                                    | Total     |           |            | Mining    |           |            | Contract construction |           |            | Manufacturing |           |            |
|---|-----------|-----------|------------|-----------|-----------|------------|-----------------------|-----------|------------|---------------|-----------|------------|
|   | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975             | JUNE 1976 | JULY 1976P | JULY 1975     | JUNE 1976 | JULY 1976P |
| 1 NORTH DAKOTA .....                              | 205.9     | 214.2     | 212.6      | 2.3       | 2.4       | 2.6        | 16.4                  | 16.2      | 16.5       | 16.4          | 16.1      | 16.1       |
| 2 Fargo-Moorhead .....                            | 52.0      | 55.2      | 54.7       | .1        | .1        | .1         | 3.9                   | 3.6       | 3.7        | 4.7           | 4.9       | 5.0        |
| 3 OHIO .....                                      | 3,587.6   | 4,097.5   | 4,044.4    | 27.5      | 28.4      | 28.8       | 155.3                 | 146.3     | 151.4      | 1,235.5       | 1,278.4   | 1,262.6    |
| 4 Akron .....                                     | 244.7     | 237.3     | 232.7      | .2        | .2        | .2         | 7.8                   | 7.4       | 7.6        | 81.8          | 71.8      | 70.9       |
| 5 Canton .....                                    | 147.5     | 149.2     | 150.6      | .7        | .6        | .6         | 5.3                   | 5.3       | 5.6        | 56.0          | 55.7      | 56.5       |
| 6 Cincinnati .....                                | 534.9     | 547.6     | 537.4      | .4        | .4        | .4         | 22.8                  | 21.2      | 21.7       | 152.8         | 155.8     | 150.9      |
| 7 Cleveland .....                                 | 847.3     | 864.0     | 859.9      | 1.5       | 1.3       | 1.3        | 30.8                  | 28.5      | 29.8       | 253.9         | 259.8     | 258.9      |
| 8 Columbus .....                                  | 442.7     | 454.0     | 449.6      | .8        | .7        | .7         | 17.5                  | 15.7      | 16.4       | 90.0          | 93.5      | 92.4       |
| 9 Dayton .....                                    | 311.4     | 324.8     | 320.0      | .4        | .3        | .3         | 10.5                  | 10.6      | 10.9       | 95.3          | 102.5     | 102.0      |
| 10 Toledo .....                                   | 267.9     | 275.9     | 273.5      | .6        | .6        | .6         | 11.5                  | 10.1      | 10.3       | 78.5          | 84.1      | 83.0       |
| 11 Youngstown-Warren .....                        | 200.0     | 205.0     | 201.5      | .4        | .3        | .3         | 6.4                   | 6.0       | 6.2        | 78.9          | 81.6      | 79.1       |
| 12 OKLAHOMA .....                                 | 685.8     | 910.0     | 905.4      | 40.6      | 41.9      | 41.6       | 44.4                  | 43.8      | 44.2       | 148.1         | 153.0     | 152.1      |
| 13 Oklahoma City .....                            | 308.1     | 317.7     | 316.9      | 8.5       | 9.2       | 9.4        | 17.1                  | 16.7      | 16.9       | 38.4          | 39.0      | 38.8       |
| 14 Tulsa .....                                    | 223.0     | 225.0     | 228.9      | 13.5      | 14.5      | 14.4       | 13.3                  | 13.2      | 13.2       | 50.5          | 50.9      | 50.7       |
| 15 OREGON .....                                   | 825.7     | 875.4     | 861.8      | 1.6       | 1.5       | 1.6        | 38.1                  | 36.0      | 36.9       | 182.7         | 191.9     | 194.9      |
| 16 Eugene-Springfield .....                       | 82.3      | 50.2      | 86.7       | (1)       | (1)       | (1)        | 3.8                   | 4.1       | 4.2        | 19.2          | 19.5      | 20.1       |
| 17 Jackson County .....                           | -         | -         | -          | -         | -         | -          | -                     | -         | -          | 7.2           | 7.3       | 7.5        |
| 18 Portland .....                                 | 426.7     | 456.2     | 452.7      | (1)       | (1)       | (1)        | 18.0                  | 18.3      | 18.9       | 85.7          | 93.7      | 94.5       |
| 19 Salem .....                                    | 66.7      | 70.5      | 69.4       | (1)       | (1)       | (1)        | 3.5                   | 3.5       | 3.4        | 13.0          | 11.2      | 12.3       |
| 20 PENNSYLVANIA .....                             | 4,401.8   | 4,460.1   | 4,430.5    | 47.6      | 49.7      | 49.2       | 204.2                 | 189.5     | 198.4      | 1,321.3       | 1,341.2   | 1,334.0    |
| 21 Allentown-Bethlehem-Easton .....               | 250.2     | 253.4     | 250.0      | 1.1       | 1.1       | 1.1        | 11.6                  | 9.9       | 10.1       | 107.1         | 108.1     | 107.7      |
| 22 Altoona .....                                  | 46.1      | 50.0      | 49.5       | (1)       | (1)       | (1)        | 2.4                   | 2.1       | 2.0        | 12.8          | 13.1      | 13.1       |
| 23 Delaware Valley <sup>13</sup> .....            | 1,474.7   | 1,504.8   | 1,489.4    | 1.1       | 1.0       | 1.1        | 62.0                  | 58.2      | 58.8       | 382.3         | 386.4     | 386.5      |
| 24 Erie .....                                     | 106.4     | 107.3     | 105.4      | (1)       | (1)       | (1)        | 3.9                   | 2.9       | 3.1        | 43.5          | 42.0      | 41.5       |
| 25 Harrisburg .....                               | 199.1     | 205.3     | 204.0      | (1)       | (1)       | (1)        | 10.1                  | 10.1      | 10.0       | 37.7          | 38.7      | 39.6       |
| 26 Johnstown .....                                | 85.7      | 86.8      | 86.5       | 8.5       | 8.7       | 8.6        | 2.5                   | 2.5       | 2.6        | 23.0          | 22.6      | 22.3       |
| 27 Lancaster .....                                | 130.6     | 134.4     | 133.4      | (1)       | (1)       | (1)        | 7.1                   | 6.8       | 7.0        | 52.2          | 54.3      | 54.3       |
| 28 Northeast Pennsylvania .....                   | 225.3     | 227.0     | 227.5      | 1.2       | 1.1       | 1.1        | 11.9                  | 12.1      | 12.3       | 70.9          | 71.2      | 70.2       |
| 29 Philadelphia SMSA .....                        | 1,754.2   | 1,752.1   | 1,773.5    | 1.2       | 1.2       | 1.2        | 75.1                  | 71.8      | 72.7       | 444.1         | 451.1     | 448.0      |
| 30 Philadelphia City <sup>14</sup> .....          | 798.3     | 812.0     | 808.7      | -         | -         | -          | 22.9                  | 21.1      | 20.7       | 163.2         | 166.3     | 165.2      |
| 31 Pittsburgh .....                               | 675.9     | 881.9     | 874.6      | 10.7      | 11.4      | 11.2       | 41.4                  | 33.4      | 39.4       | 250.2         | 251.2     | 248.0      |
| 32 Reading .....                                  | 123.1     | 131.0     | 128.9      | (1)       | (1)       | (1)        | 4.8                   | 5.0       | 5.3        | 46.1          | 49.9      | 49.6       |
| 33 Scranton .....                                 | 80.2      | 81.1      | 81.5       | (1)       | (1)       | (1)        | 2.8                   | 2.4       | 2.4        | 26.1          | 26.6      | 26.3       |
| 34 Wilkes-Barre-Hazleton <sup>15</sup> .....      | 115.4     | 121.7     | 119.8      | 1.0       | 1.0       | 1.0        | 8.0                   | 8.6       | 8.8        | 40.5          | 40.2      | 39.1       |
| 35 Williamsport .....                             | 42.8      | 44.6      | 44.3       | (1)       | (1)       | (1)        | 1.6                   | 1.4       | 1.5        | 17.0          | 18.6      | 18.4       |
| 36 York .....                                     | 127.5     | 133.6     | 132.9      | (1)       | (1)       | (1)        | 6.4                   | 6.2       | 6.4        | 53.7          | 57.6      | 57.4       |
| 37 RHODE ISLAND .....                             | 342.8     | 345.4     | 342.2      | (1)       | (1)       | (1)        | 11.3                  | 10.7      | 11.7       | 106.1         | 114.6     | 107.1      |
| 38 Providence-Warwick-Pawtucket .....             | 353.3     | 361.7     | 354.2      | (1)       | (1)       | (1)        | 11.5                  | 10.9      | 11.9       | 117.7         | 128.1     | 120.3      |
| 39 SOUTH CAROLINA <sup>4</sup> .....              | 975.7     | 1,025.0   | 1,019.2    | 2.0       | 1.8       | 1.8        | 63.7                  | 60.3      | 60.0       | 333.6         | 368.4     | 361.7      |
| 40 Charleston-North Charleston <sup>4</sup> ..... | 114.0     | 120.2     | 120.9      | (1)       | (1)       | (1)        | 9.3                   | 10.4      | 10.4       | 13.5          | 16.7      | 16.8       |
| 41 Columbia <sup>4</sup> .....                    | 140.8     | 143.9     | 142.7      | (1)       | (1)       | (1)        | 7.8                   | 7.7       | 7.7        | 20.7          | 22.6      | 21.8       |
| 42 Greenville-Spartanburg <sup>4</sup> .....      | 219.0     | 225.4     | 226.2      | (1)       | (1)       | (1)        | 15.4                  | 15.1      | 15.3       | 93.2          | 100.0     | 97.2       |
| 43 SOUTH DAKOTA .....                             | 210.8     | 218.9     | 216.2      | 2.6       | 2.6       | 2.6        | 9.9                   | 10.0      | 9.7        | 20.4          | 22.5      | 22.5       |
| 44 Rapid City .....                               | 25.2      | 26.1      | 25.6       | (2)       | (2)       | (2)        | 2.0                   | 2.1       | 2.1        | 2.2           | 2.3       | 2.3        |
| 45 Sioux Falls .....                              | 44.6      | 46.6      | 45.8       | (2)       | (2)       | (2)        | 2.5                   | 2.8       | 2.8        | 6.7           | 7.1       | 7.0        |
| 46 TENNESSEE .....                                | 1,491.0   | 1,519.9   | 1,516.6    | 9.3       | 9.2       | 9.2        | 75.5                  | 61.7      | 64.4       | 446.8         | 473.3     | 469.2      |
| 47 Chattanooga .....                              | 147.6     | 156.1     | 154.8      | .9        | .8        | .8         | 5.2                   | 5.7       | 5.6        | 52.4          | 55.0      | 54.3       |
| 48 Knoxville .....                                | 172.4     | 179.1     | 178.1      | 1.8       | 1.6       | 1.6        | 10.1                  | 9.3       | 9.6        | 46.5          | 48.3      | 48.5       |
| 49 Memphis .....                                  | 316.2     | 316.4     | 315.1      | .2        | .2        | .2         | 15.0                  | 11.8      | 12.4       | 55.3          | 55.9      | 55.7       |
| 50 Nashville-Davidson .....                       | 291.4     | 300.0     | 301.4      | (1)       | (1)       | (1)        | 17.2                  | 15.5      | 15.7       | 69.9          | 76.0      | 75.7       |
| 51 TEXAS .....                                    | 4,408.9   | 4,533.2   | 4,531.1    | 132.0     | 136.5     | 137.8      | 280.6                 | 289.4     | 289.8      | 800.0         | 830.7     | 829.1      |
| 52 Amarillo .....                                 | 61.5      | 64.0      | 64.1       | (1)       | (1)       | (1)        | 4.0                   | 4.5       | 4.5        | 7.4           | 9.4       | 9.2        |
| 53 Austin .....                                   | 164.7     | 172.4     | 170.9      | (1)       | (1)       | (1)        | 11.5                  | 11.1      | 11.3       | 14.3          | 16.1      | 16.3       |
| 54 Beaumont-Port Arthur-Orange .....              | 126.4     | 135.1     | 135.3      | (1)       | (1)       | (1)        | 8.3                   | 13.1      | 13.7       | 42.3          | 42.0      | 41.7       |
| 55 Corpus Christi .....                           | 97.0      | 96.3      | 97.8       | 3.6       | 3.6       | 3.6        | 7.9                   | 8.0       | 7.9        | 11.4          | 11.7      | 11.6       |
| 56 Dallas-Fort Worth .....                        | 1,071.6   | 1,052.5   | 1,089.6    | 12.3      | 12.5      | 12.6       | 43.4                  | 45.5      | 46.2       | 237.7         | 246.8     | 246.0      |
| 57 El Paso .....                                  | 126.3     | 130.8     | 130.8      | (1)       | (1)       | (1)        | 7.5                   | 6.0       | 6.0        | 28.6          | 29.5      | 29.1       |
| 58 Galveston-Texas City .....                     | 62.4      | 62.4      | 62.8       | (1)       | (1)       | (1)        | 4.0                   | 2.5       | 2.4        | 11.9          | 12.1      | 12.2       |
| 59 Houston .....                                  | 1,002.7   | 1,031.4   | 1,033.0    | 44.2      | 45.3      | 45.6       | 94.0                  | 97.0      | 95.9       | 174.7         | 176.6     | 176.8      |
| 60 Lubbock .....                                  | 70.4      | 69.9      | 70.2       | (1)       | (1)       | (1)        | 3.8                   | 3.8       | 3.8        | 9.6           | 10.2      | 10.4       |
| 61 San Antonio .....                              | 310.3     | 317.7     | 317.9      | 1.6       | 1.7       | 1.6        | 19.7                  | 19.5      | 19.1       | 36.8          | 40.4      | 40.8       |
| 62 Waco .....                                     | 55.4      | 57.2      | 57.3       | (1)       | (1)       | (1)        | 3.3                   | 3.2       | 3.3        | 12.3          | 13.0      | 13.0       |
| 63 Wichita Falls .....                            | 43.2      | 44.0      | 44.0       | 2.3       | 2.2       | 2.2        | 1.7                   | 1.9       | 1.9        | 7.1           | 7.3       | 7.2        |

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 |           |            |    |
|-------------------------------------|-----------|------------|----------------------------|-----------|------------|-------------------------------------|-----------|------------|-----------|-----------|------------|------------|-----------|------------|----|
| JULY 1975                           | JUNE 1976 | JULY 1976P | JULY 1975                  | JUNE 1976 | JULY 1976P | JULY 1975                           | JUNE 1976 | JULY 1976P | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975  | JUNE 1976 | JULY 1976P |    |
| 12.8                                | 13.2      | 13.2       | 57.6                       | 59.8      | 60.6       | 8.8                                 | 9.2       | 9.2        | 39.9      | 41.5      | 41.5       | 51.8       | 55.3      | 53.0       | 1  |
| 3.4                                 | 3.5       | 3.5        | 15.9                       | 17.0      | 16.8       | 3.0                                 | 3.2       | 3.2        | 10.8      | 11.6      | 11.8       | 10.1       | 11.4      | 10.7       | 2  |
| 215.9                               | 200.7     | 211.3      | 868.8                      | 879.0     | 875.3      | 175.6                               | 181.6     | 182.8      | 710.4     | 741.2     | 738.6      | 590.5      | 641.8     | 589.7      | 3  |
| 14.0                                | 13.0      | 13.6       | 52.3                       | 52.3      | 52.4       | 8.0                                 | 8.0       | 8.0        | 43.9      | 43.8      | 44.4       | 36.6       | 40.7      | 35.4       | 4  |
| 7.0                                 | 6.1       | 6.7        | 31.8                       | 32.9      | 33.0       | 5.2                                 | 5.2       | 5.3        | 25.0      | 26.5      | 26.2       | 16.6       | 16.9      | 16.7       | 5  |
| 31.3                                | 30.2      | 30.1       | 118.5                      | 121.4     | 121.4      | 29.1                                | 28.7      | 28.7       | 104.8     | 109.5     | 109.9      | 74.8       | 80.4      | 74.2       | 6  |
| 47.6                                | 42.6      | 46.5       | 195.8                      | 197.8     | 198.0      | 44.3                                | 44.6      | 44.9       | 159.3     | 165.4     | 164.0      | 114.0      | 124.0     | 116.2      | 7  |
| 21.8                                | 20.7      | 21.5       | 103.9                      | 107.2     | 106.8      | 31.7                                | 32.2      | 32.8       | 86.8      | 89.7      | 89.4       | 50.2       | 54.3      | 49.6       | 8  |
| 11.8                                | 10.4      | 11.6       | 65.3                       | 66.0      | 66.0       | 11.9                                | 11.9      | 12.1       | 57.4      | 59.5      | 59.1       | 56.8       | 63.6      | 57.8       | 9  |
| 17.9                                | 16.4      | 17.7       | 62.1                       | 62.6      | 62.4       | 5.3                                 | 5.6       | 5.7        | 50.0      | 51.9      | 52.0       | 37.9       | 44.6      | 37.9       | 10 |
| 10.3                                | 9.4       | 10.1       | 41.5                       | 41.6      | 41.7       | 6.6                                 | 6.6       | 6.7        | 34.0      | 35.5      | 35.9       | 21.6       | 23.5      | 21.6       | 11 |
| 55.7                                | 55.8      | 56.0       | 210.2                      | 218.8     | 219.1      | 48.0                                | 48.9      | 49.3       | 142.9     | 148.2     | 148.5      | 155.9      | 199.6     | 194.6      | 12 |
| 19.4                                | 19.9      | 19.5       | 76.9                       | 80.6      | 80.8       | 20.5                                | 20.5      | 20.5       | 49.4      | 51.2      | 51.3       | 77.9       | 80.6      | 79.3       | 13 |
| 18.3                                | 18.3      | 18.3       | 52.7                       | 54.7      | 54.7       | 13.1                                | 13.6      | 14.0       | 38.9      | 41.1      | 41.2       | 22.7       | 24.5      | 22.4       | 14 |
| 49.8                                | 51.4      | 52.2       | 197.6                      | 208.5     | 209.5      | 45.1                                | 47.6      | 47.8       | 146.8     | 155.6     | 152.2      | 164.0      | 186.7     | 166.7      | 15 |
| 4.4                                 | 4.7       | 4.7        | 20.0                       | 21.1      | 21.0       | 3.5                                 | 3.6       | 3.6        | 13.8      | 15.4      | 15.0       | 17.6       | 21.8      | 18.1       | 16 |
| -                                   | -         | -          | -                          | -         | -          | -                                   | -         | -          | -         | -         | -          | -          | -         | -          | 17 |
| 30.1                                | 31.1      | 31.3       | 110.5                      | 115.1     | 115.0      | 30.7                                | 32.1      | 32.0       | 84.3      | 90.6      | 89.1       | 67.4       | 77.3      | 71.9       | 18 |
| 2.3                                 | 2.4       | 2.4        | 13.8                       | 14.0      | 14.0       | 3.8                                 | 3.8       | 3.8        | 10.4      | 10.6      | 10.5       | 21.5       | 25.0      | 23.0       | 19 |
| 252.9                               | 256.5     | 255.6      | 887.9                      | 897.7     | 891.5      | 211.0                               | 213.1     | 213.1      | 814.6     | 824.4     | 827.8      | 662.3      | 686.0     | 661.3      | 20 |
| 12.8                                | 12.6      | 12.6       | 42.8                       | 43.0      | 43.0       | 7.7                                 | 8.2       | 8.2        | 35.8      | 37.5      | 37.0       | 31.3       | 33.0      | 30.3       | 21 |
| 6.8                                 | 7.5       | 7.5        | 10.2                       | 10.8      | 10.7       | 1.4                                 | 1.5       | 1.5        | 7.4       | 7.7       | 7.7        | 7.1        | 7.3       | 7.0        | 22 |
| 81.0                                | 82.7      | 81.5       | 305.4                      | 312.6     | 308.4      | 96.6                                | 96.9      | 97.1       | 318.1     | 331.0     | 327.2      | 228.2      | 234.0     | 228.4      | 23 |
| 5.0                                 | 4.9       | 4.5        | 20.1                       | 19.7      | 19.5       | 4.4                                 | 4.7       | 4.8        | 18.1      | 18.5      | 18.8       | 11.7       | 14.2      | 12.6       | 24 |
| 14.3                                | 14.1      | 14.2       | 40.4                       | 41.7      | 41.3       | 10.7                                | 11.2      | 11.1       | 33.2      | 35.5      | 35.7       | 52.7       | 54.0      | 52.1       | 25 |
| 5.4                                 | 5.1       | 5.0        | 16.1                       | 17.0      | 17.3       | 3.0                                 | 3.3       | 3.3        | 14.1      | 14.0      | 14.7       | 13.1       | 13.6      | 12.7       | 26 |
| 5.6                                 | 5.8       | 5.6        | 27.3                       | 28.2      | 28.1       | 4.5                                 | 4.4       | 4.5        | 21.8      | 22.4      | 22.4       | 12.1       | 12.5      | 11.5       | 27 |
| 11.9                                | 11.8      | 11.6       | 46.1                       | 46.8      | 47.0       | 9.0                                 | 9.0       | 9.2        | 40.4      | 39.5      | 41.5       | 33.9       | 35.5      | 34.4       | 28 |
| 95.8                                | 96.9      | 95.5       | 378.1                      | 366.6     | 361.9      | 110.3                               | 110.5     | 110.7      | 365.5     | 384.7     | 380.0      | 280.1      | 289.3     | 283.1      | 29 |
| 56.1                                | 56.4      | 56.1       | 151.9                      | 153.7     | 151.2      | 65.7                                | 65.3      | 65.7       | 185.6     | 198.2     | 196.3      | 152.9      | 151.0     | 153.5      | 30 |
| 56.0                                | 56.8      | 56.6       | 188.1                      | 150.0     | 165.9      | 42.5                                | 42.5      | 42.9       | 174.5     | 176.5     | 176.9      | 116.5      | 119.7     | 105.7      | 31 |
| 6.4                                 | 5.9       | 5.5        | 24.5                       | 25.5      | 26.1       | 5.0                                 | 5.0       | 5.0        | 20.0      | 20.7      | 20.6       | 16.3       | 19.0      | 16.4       | 32 |
| 4.9                                 | 5.0       | 4.5        | 17.8                       | 18.1      | 18.2       | 3.3                                 | 3.2       | 3.2        | 15.2      | 15.2      | 15.8       | 10.1       | 10.6      | 10.7       | 33 |
| 6.0                                 | 5.8       | 5.6        | 23.8                       | 24.5      | 24.5       | 4.9                                 | 5.0       | 5.1        | 17.2      | 17.7      | 17.7       | 18.0       | 18.9      | 17.8       | 34 |
| 2.0                                 | 2.0       | 2.0        | 6.1                        | 8.0       | 7.8        | 2.0                                 | 2.1       | 2.1        | 7.1       | 7.3       | 7.6        | 5.0        | 5.2       | 4.9        | 35 |
| 5.7                                 | 5.7       | 5.7        | 25.8                       | 26.1      | 26.3       | 3.1                                 | 3.1       | 3.1        | 17.4      | 17.4      | 17.2       | 15.4       | 17.5      | 16.8       | 36 |
| 12.5                                | 13.6      | 13.1       | 70.5                       | 71.9      | 70.4       | 17.8                                | 17.8      | 17.8       | 65.8      | 65.5      | 65.8       | 58.4       | 55.3      | 56.3       | 37 |
| 12.5                                | 13.6      | 13.0       | 73.6                       | 74.6      | 73.1       | 18.0                                | 18.0      | 18.0       | 64.9      | 64.5      | 64.9       | 55.1       | 52.0      | 53.0       | 38 |
| 40.9                                | 42.2      | 41.5       | 179.0                      | 183.5     | 183.6      | 35.8                                | 40.0      | 40.3       | 125.9     | 128.7     | 129.3      | 154.8      | 204.1     | 200.6      | 39 |
| 6.8                                 | 7.0       | 7.6        | 24.4                       | 25.6      | 25.5       | 4.9                                 | 5.1       | 5.2        | 16.4      | 16.6      | 16.8       | 38.7       | 38.8      | 38.4       | 40 |
| 8.2                                 | 8.3       | 8.3        | 28.5                       | 29.9      | 30.0       | 11.1                                | 11.1      | 11.2       | 20.4      | 20.6      | 20.6       | 43.7       | 43.7      | 43.1       | 41 |
| 6.5                                 | 9.0       | 8.9        | 39.3                       | 40.7      | 40.7       | 8.1                                 | 8.2       | 8.2        | 29.8      | 29.8      | 29.7       | 24.3       | 26.6      | 26.2       | 42 |
| 12.1                                | 12.0      | 12.0       | 55.4                       | 56.5      | 57.6       | 5.1                                 | 5.3       | 5.5        | 46.9      | 48.6      | 48.1       | 54.4       | 57.4      | 54.2       | 43 |
| 1.7                                 | 1.7       | 1.7        | 7.4                        | 7.8       | 7.9        | 1.2                                 | 1.2       | 1.2        | 5.8       | 5.2       | 5.2        | 4.9        | 5.8       | 5.2        | 44 |
| 4.5                                 | 4.2       | 4.2        | 13.4                       | 13.4      | 13.6       | 2.2                                 | 2.3       | 2.3        | 9.3       | 9.5       | 10.0       | 6.0        | 6.9       | 5.9        | 45 |
| 71.5                                | 72.7      | 72.6       | 316.2                      | 320.7     | 324.0      | 68.7                                | 66.0      | 66.2       | 238.1     | 235.6     | 235.3      | 262.9      | 280.7     | 275.7      | 46 |
| 5.6                                 | 5.5       | 5.5        | 29.6                       | 29.6      | 30.1       | 8.8                                 | 8.5       | 8.4        | 22.6      | 22.8      | 22.9       | 24.3       | 28.2      | 27.2       | 47 |
| 6.8                                 | 7.5       | 7.5        | 36.5                       | 37.9      | 38.3       | 6.8                                 | 6.9       | 7.0        | 25.1      | 25.5      | 25.5       | 36.4       | 42.1      | 40.1       | 48 |
| 21.2                                | 21.1      | 21.2       | 84.8                       | 85.6      | 86.0       | 18.8                                | 18.3      | 18.3       | 59.4      | 60.6      | 60.4       | 61.5       | 62.9      | 60.9       | 49 |
| 15.9                                | 16.6      | 16.7       | 67.6                       | 70.4      | 71.4       | 19.8                                | 19.7      | 19.5       | 53.9      | 54.0      | 53.9       | 47.1       | 47.8      | 48.5       | 50 |
| 288.3                               | 290.6     | 290.4      | 1,079.6                    | 1,103.4   | 1,105.2    | 260.5                               | 263.5     | 264.8      | 774.4     | 784.8     | 786.8      | 793.5      | 834.3     | 827.2      | 51 |
| 5.9                                 | 6.2       | 6.3        | 19.8                       | 19.5      | 19.6       | 3.1                                 | 3.1       | 3.2        | 11.5      | 11.9      | 12.0       | 5.8        | 9.4       | 9.3        | 52 |
| 5.6                                 | 5.7       | 5.7        | 33.0                       | 33.7      | 33.5       | 9.3                                 | 9.8       | 9.9        | 26.0      | 27.5      | 27.5       | 65.0       | 68.5      | 66.7       | 53 |
| 9.0                                 | 10.4      | 10.5       | 26.1                       | 27.0      | 26.9       | 4.6                                 | 4.8       | 4.8        | 19.6      | 20.3      | 20.2       | 16.5       | 17.5      | 17.5       | 54 |
| 5.9                                 | 6.4       | 6.3        | 25.0                       | 25.5      | 25.3       | 4.8                                 | 5.1       | 5.0        | 16.5      | 16.9      | 16.9       | 21.9       | 21.1      | 21.2       | 55 |
| 75.3                                | 75.3      | 75.8       | 291.1                      | 291.2     | 291.8      | 86.9                                | 85.7      | 86.1       | 150.6     | 193.0     | 193.4      | 134.3      | 142.5     | 137.7      | 56 |
| 5.7                                 | 5.8       | 5.8        | 32.1                       | 33.8      | 34.0       | 6.0                                 | 6.2       | 6.3        | 19.6      | 20.3      | 20.3       | 22.8       | 25.2      | 25.3       | 57 |
| 5.9                                 | 6.9       | 6.7        | 10.9                       | 10.8      | 10.8       | 4.1                                 | 4.4       | 4.5        | 9.8       | 9.4       | 9.9        | 15.8       | 16.3      | 16.3       | 58 |
| 80.0                                | 77.9      | 77.6       | 235.7                      | 244.3     | 244.7      | 62.0                                | 63.0      | 63.0       | 194.7     | 199.8     | 201.9      | 117.4      | 127.5     | 127.5      | 59 |
| 4.3                                 | 4.3       | 4.2        | 20.8                       | 21.9      | 21.9       | 3.5                                 | 3.5       | 3.5        | 13.8      | 12.6      | 12.7       | 14.6       | 13.6      | 13.7       | 60 |
| 14.2                                | 14.2      | 14.3       | 78.2                       | 80.1      | 80.5       | 21.9                                | 22.1      | 22.3       | 54.0      | 54.1      | 54.1       | 83.9       | 85.6      | 85.2       | 61 |
| 2.8                                 | 2.8       | 2.8        | 12.7                       | 12.7      | 12.7       | 3.3                                 | 3.4       | 3.4        | 10.9      | 11.0      | 11.0       | 10.1       | 11.1      | 11.1       | 62 |
| 2.2                                 | 2.1       | 2.1        | 10.5                       | 11.2      | 11.2       | 1.9                                 | 2.0       | 2.0        | 7.0       | 7.2       | 7.2        | 10.1       | 10.1      | 10.2       | 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 |           |            |
|--|-----------|-----------|------------|-----------|-----------|------------|-----------------------|-----------|------------|---------------|-----------|------------|
|  | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975             | JUNE 1976 | JULY 1976P | JULY 1975     | JUNE 1976 | JULY 1976P |
| 1 UTAH .....                               | 442.2     | 465.2     | 465.0      | 13.3      | 13.9      | 14.3       | 26.6                  | 28.8      | 29.5       | 67.8          | 65.1      | 69.5       |
| 2 Salt Lake City—Ogden .....               | 319.6     | 334.6     | 336.3      | 6.0       | 6.3       | 6.6        | 17.6                  | 19.8      | 20.5       | 46.2          | 46.5      | 47.8       |
| 3 VERMONT .....                            | 155.5     | 162.4     | 165.2      | .7        | .7        | .7         | 7.7                   | 8.2       | 8.8        | 37.1          | 40.1      | 39.6       |
| 4 Burlington <sup>17</sup> .....           | 40.8      | 42.7      | 43.0       | -         | -         | -          | -                     | -         | -          | 8.7           | 5.7       | 9.7        |
| 5 Springfield <sup>17</sup> .....          | 12.9      | 11.9      | 11.8       | -         | -         | -          | -                     | -         | -          | 5.8           | 5.1       | 5.0        |
| 6 VIRGINIA .....                           | 1,754.7   | 1,802.8   | 1,792.4    | 20.4      | 20.6      | 20.8       | 109.1                 | 105.9     | 107.3      | 361.0         | 377.5     | 375.7      |
| 7 Bristol .....                            | 21.6      | 23.5      | 23.4       | (1)       | (1)       | (1)        | .9                    | 1.0       | 1.1        | 7.5           | 8.5       | 8.4        |
| 8 Lynchburg .....                          | 57.4      | 60.5      | 59.6       | (1)       | (1)       | (1)        | 3.1                   | 3.2       | 3.3        | 24.2          | 25.8      | 25.3       |
| 9 Newport News—Hampton .....               | 126.2     | 133.0     | 131.4      | (1)       | (1)       | (1)        | 6.7                   | 6.1       | 6.3        | 30.6          | 32.0      | 32.1       |
| 10 Norfolk—Virginia Beach—Portsmouth ..... | 244.4     | 246.8     | 246.4      | (1)       | (1)       | (1)        | 16.0                  | 15.1      | 15.5       | 25.8          | 25.2      | 25.4       |
| 11 Northern Virginia <sup>18</sup> .....   | 342.0     | 350.2     | 349.4      | .3        | .3        | .3         | 22.8                  | 24.0      | 24.6       | 12.8          | 11.3      | 11.4       |
| 12 Richmond .....                          | 270.5     | 274.8     | 273.7      | .4        | .4        | .4         | 16.5                  | 14.6      | 14.6       | 48.5          | 50.9      | 50.9       |
| 13 Roanoke .....                           | 53.5      | 55.2      | 54.6       | .2        | .2        | .2         | 6.1                   | 5.7       | 5.8        | 20.8          | 21.5      | 21.3       |
| 14 WASHINGTON .....                        | 1,203.7   | 1,247.8   | 1,229.9    | 2.1       | 2.0       | 2.0        | 58.8                  | 55.5      | 56.3       | 242.2         | 245.9     | 244.8      |
| 15 Seattle—Everett .....                   | 566.3     | 582.7     | 576.9      | (1)       | (1)       | (1)        | 25.1                  | 24.3      | 24.8       | 123.4         | 118.0     | 118.8      |
| 16 Spokane .....                           | 100.8     | 106.1     | 104.3      | (1)       | (1)       | (1)        | 6.1                   | 6.3       | 6.5        | 13.2          | 14.4      | 14.6       |
| 17 Tacoma .....                            | 115.2     | 119.5     | 118.7      | (1)       | (1)       | (1)        | 5.8                   | 5.5       | 5.8        | 19.8          | 20.0      | 19.5       |
| 18 WEST VIRGINIA .....                     | 566.6     | 571.2     | 580.2      | 62.1      | 63.6      | 64.0       | 27.1                  | 27.7      | 28.7       | 116.0         | 121.3     | 121.9      |
| 19 Charleston .....                        | 101.9     | 101.3     | 103.0      | 5.9       | 6.0       | 6.1        | 6.2                   | 5.7       | 6.0        | 18.3          | 18.8      | 19.3       |
| 20 Huntington—Ashland .....                | 93.1      | 94.4      | 95.2       | .7        | .7        | .7         | 4.5                   | 4.2       | 4.2        | 27.2          | 28.3      | 28.4       |
| 21 Parkersburg—Marietta .....              | 48.8      | 50.1      | 50.7       | .4        | .4        | .4         | 2.6                   | 2.1       | 2.4        | 14.9          | 16.0      | 16.0       |
| 22 Wheeling .....                          | 61.0      | 61.3      | 61.6       | 6.8       | 6.9       | 7.0        | 1.9                   | 2.0       | 2.0        | 13.2          | 13.8      | 13.8       |
| 23 WISCONSIN .....                         | 1,669.7   | 1,716.4   | 1,701.7    | 2.7       | 2.7       | 2.7        | 60.0                  | 58.2      | 59.9       | 503.7         | 510.9     | 510.7      |
| 24 Appleton—Oshkosh .....                  | 105.1     | 107.4     | 107.3      | (1)       | (1)       | (1)        | 4.6                   | 4.7       | 5.0        | 40.8          | 41.4      | 41.3       |
| 25 Green Bay .....                         | 65.8      | 68.8      | 68.5       | (1)       | (1)       | (1)        | 3.0                   | 3.4       | 3.5        | 20.3          | 19.8      | 20.5       |
| 26 Kenosha .....                           | 39.3      | 41.5      | 40.6       | (1)       | (1)       | (1)        | 1.1                   | .8        | .8         | 16.6          | 17.9      | 17.9       |
| 27 La Crosse .....                         | 33.8      | 35.4      | 35.2       | (1)       | (1)       | (1)        | 1.1                   | 1.2       | 1.2        | 8.9           | 9.0       | 9.1        |
| 28 Madison .....                           | 134.7     | 140.8     | 139.7      | (1)       | (1)       | (1)        | 5.5                   | 5.9       | 5.9        | 15.9          | 16.3      | 16.4       |
| 29 Milwaukee .....                         | 588.6     | 599.9     | 592.4      | (1)       | (1)       | (1)        | 18.0                  | 17.2      | 17.5       | 193.0         | 198.7     | 197.5      |
| 30 Racine .....                            | 61.2      | 63.0      | 62.4       | (1)       | (1)       | (1)        | 1.6                   | 1.4       | 1.6        | 26.6          | 26.7      | 26.5       |
| 31 WYOMING .....                           | 154.3     | 163.8     | 166.9      | 19.1      | 20.5      | 20.8       | 17.0                  | 16.2      | 17.1       | 8.6           | 8.4       | 8.6        |
| 32 Casper .....                            | 25.7      | 27.9      | 28.1       | 4.7       | 5.0       | 5.3        | 2.1                   | 2.1       | 2.2        | 1.6           | 1.5       | 1.5        |
| 33 Cheyenne .....                          | (*)       | (*)       | (*)        | (*)       | (*)       | (*)        | (*)                   | (*)       | (*)        | (*)           | (*)       | (*)        |

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

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

<sup>3</sup> Federal employment in the Maryland and Virginia sectors of the Washington SMSA is no longer included in data for the District of Columbia.

<sup>4</sup> Based on 1972 Standard Industrial Classification.

<sup>5</sup> Area included in Chicago—Gary Standard Consolidated Statistical Area.

<sup>6</sup> Data do not include federal employment in the Maryland sector of the Washington, D.C. Standard Metropolitan Statistical Area.

<sup>7</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Burlington, Camden, and Gloucester Counties, New Jersey.

<sup>8</sup> Subarea of New York—Northeastern New Jersey.

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

<sup>10</sup> Area included in New York and Nassau—Suffolk combined SMSA's.

<sup>11</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>12</sup> Revised to 1975 benchmark; not strictly comparable with previously published data.

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

p= preliminary.

\* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT**

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

(In thousands)

| Transportation and public utilities |           |            | Wholesale and retail trade |           |            | Finance, insurance, and real estate |           |            | Services  |           |            | Government |           |            |    |
|-------------------------------------|-----------|------------|----------------------------|-----------|------------|-------------------------------------|-----------|------------|-----------|-----------|------------|------------|-----------|------------|----|
| JULY 1975                           | JUNE 1976 | JULY 1976P | JULY 1975                  | JUNE 1976 | JULY 1976P | JULY 1975                           | JUNE 1976 | JULY 1976P | JULY 1975 | JUNE 1976 | JULY 1976P | JULY 1975  | JUNE 1976 | JULY 1976P |    |
| 27.3                                | 26.4      | 28.9       | 103.9                      | 111.4     | 111.6      | 20.3                                | 21.6      | 21.7       | 76.3      | 81.9      | 81.1       | 106.7      | 110.2     | 108.4      | 1  |
| 22.2                                | 22.8      | 23.1       | 77.7                       | 82.3      | 82.6       | 17.2                                | 17.7      | 17.7       | 52.7      | 57.4      | 56.6       | 80.0       | 81.5      | 81.3       | 2  |
| 8.2                                 | 7.7       | 7.7        | 33.4                       | 34.3      | 34.7       | 6.7                                 | 6.8       | 6.8        | 36.3      | 34.5      | 37.4       | 29.4       | 30.2      | 29.7       | 3  |
| 2.1                                 | 2.0       | 2.0        | 8.7                        | 9.0       | 9.1        | -                                   | -         | -          | 8.9       | 9.1       | 9.3        | -          | -         | -          | 4  |
| .7                                  | .7        | .7         | 2.1                        | 1.9       | 2.0        | -                                   | -         | -          | 2.0       | 2.0       | 2.0        | -          | -         | -          | 5  |
| 104.1                               | 104.1     | 103.9      | 360.2                      | 367.0     | 367.5      | 86.0                                | 89.0      | 89.3       | 296.2     | 306.5     | 305.3      | 415.7      | 432.2     | 422.6      | 6  |
| .9                                  | .9        | .9         | 5.0                        | 4.9       | 5.0        | 1.0                                 | 1.2       | 1.2        | 3.0       | 3.0       | 3.0        | 3.5        | 4.0       | 3.8        | 7  |
| 2.5                                 | 2.6       | 2.6        | 9.5                        | 10.2      | 10.1       | 2.8                                 | 2.8       | 2.8        | 7.9       | 8.0       | 8.0        | 7.4        | 7.9       | 7.5        | 8  |
| 4.5                                 | 4.3       | 4.3        | 23.1                       | 23.6      | 23.6       | 4.1                                 | 4.1       | 4.0        | 22.7      | 25.7      | 25.6       | 34.5       | 37.2      | 35.3       | 9  |
| 17.3                                | 16.9      | 16.7       | 58.7                       | 59.9      | 59.9       | 12.7                                | 12.4      | 12.5       | 42.9      | 42.7      | 42.6       | 71.0       | 74.6      | 73.8       | 10 |
| 26.0                                | 25.5      | 25.6       | 79.3                       | 81.4      | 81.7       | 22.0                                | 23.0      | 23.1       | 76.0      | 78.2      | 78.1       | 102.8      | 106.5     | 104.4      | 11 |
| 17.2                                | 17.3      | 17.1       | 60.9                       | 62.4      | 62.4       | 22.7                                | 22.6      | 22.7       | 46.6      | 47.6      | 48.2       | 58.1       | 59.0      | 57.4       | 12 |
| 10.2                                | 10.0      | 10.0       | 21.3                       | 21.8      | 21.8       | 5.5                                 | 5.7       | 5.7        | 16.6      | 16.5      | 16.4       | 13.2       | 13.8      | 13.6       | 13 |
| 71.5                                | 74.0      | 74.6       | 284.3                      | 293.0     | 293.1      | 67.1                                | 68.6      | 68.8       | 221.7     | 229.8     | 232.1      | 256.0      | 279.0     | 258.2      | 14 |
| 39.4                                | 41.4      | 41.7       | 134.8                      | 139.9     | 140.9      | 40.0                                | 40.6      | 41.0       | 104.9     | 110.3     | 109.9      | 56.7       | 108.2     | 99.6       | 15 |
| 7.5                                 | 7.4       | 7.5        | 28.4                       | 28.7      | 29.0       | 6.3                                 | 6.3       | 6.4        | 22.5      | 23.4      | 23.4       | 16.8       | 19.6      | 16.9       | 16 |
| 5.8                                 | 5.5       | 5.8        | 27.3                       | 29.3      | 29.4       | 5.7                                 | 5.7       | 5.7        | 23.0      | 24.4      | 24.3       | 27.8       | 29.1      | 28.2       | 17 |
| 39.4                                | 39.5      | 39.4       | 108.8                      | 109.3     | 109.3      | 18.2                                | 18.7      | 18.8       | 79.6      | 82.4      | 81.9       | 115.4      | 108.8     | 116.3      | 18 |
| 8.8                                 | 9.0       | 8.5        | 22.6                       | 22.6      | 22.6       | 4.2                                 | 4.2       | 4.2        | 16.1      | 16.6      | 16.6       | 15.8       | 18.3      | 15.3       | 19 |
| 9.7                                 | 9.5       | 9.4        | 18.7                       | 18.9      | 18.9       | 3.3                                 | 3.3       | 3.3        | 12.7      | 13.4      | 13.5       | 16.4       | 16.0      | 16.7       | 20 |
| 2.3                                 | 2.3       | 2.3        | 10.9                       | 11.1      | 11.2       | 1.6                                 | 1.6       | 1.7        | 7.2       | 7.6       | 7.5        | 9.0        | 9.0       | 9.4        | 21 |
| 3.7                                 | 3.6       | 3.6        | 13.5                       | 13.5      | 13.4       | 2.4                                 | 2.4       | 2.4        | 11.6      | 11.6      | 11.6       | 7.9        | 7.5       | 7.8        | 22 |
| 78.9                                | 82.8      | 80.5       | 378.2                      | 388.6     | 387.6      | 73.9                                | 76.4      | 76.8       | 298.7     | 308.4     | 309.6      | 273.5      | 288.4     | 273.9      | 23 |
| 3.8                                 | 4.0       | 3.8        | 21.0                       | 21.5      | 21.4       | 4.1                                 | 4.2       | 4.2        | 16.4      | 17.2      | 17.0       | 14.4       | 14.5      | 14.5       | 24 |
| 4.6                                 | 4.6       | 4.5        | 15.8                       | 16.7      | 16.6       | 2.1                                 | 2.2       | 2.2        | 11.3      | 12.3      | 12.3       | 8.8        | 9.8       | 9.0        | 25 |
| 1.3                                 | 1.2       | 1.3        | 7.4                        | 7.8       | 7.7        | .8                                  | .9        | .9         | 6.7       | 6.7       | 6.7        | 5.4        | 6.1       | 5.4        | 26 |
| 1.9                                 | 2.1       | 2.1        | 8.8                        | 9.4       | 9.4        | .9                                  | .9        | 1.0        | 7.1       | 7.5       | 7.4        | 5.1        | 5.3       | 5.0        | 27 |
| 5.1                                 | 5.2       | 5.0        | 28.5                       | 30.0      | 29.8       | 9.0                                 | 9.5       | 9.7        | 23.6      | 24.9      | 25.0       | 47.1       | 49.0      | 47.9       | 28 |
| 28.9                                | 29.8      | 28.6       | 129.3                      | 130.8     | 129.2      | 32.5                                | 33.3      | 33.4       | 112.9     | 114.3     | 114.5      | 74.2       | 75.8      | 71.6       | 29 |
| 2.0                                 | 2.2       | 2.0        | 11.7                       | 12.4      | 12.3       | 1.7                                 | 1.7       | 1.7        | 9.6       | 9.9       | 10.1       | 7.9        | 8.6       | 8.2        | 30 |
| 12.5                                | 13.5      | 13.7       | 33.4                       | 35.7      | 36.4       | 4.7                                 | 5.2       | 5.3        | 25.7      | 26.8      | 28.3       | 33.3       | 37.5      | 36.7       | 31 |
| 1.8                                 | 2.0       | 2.0        | 6.7                        | 7.5       | 7.6        | 1.0                                 | 1.1       | 1.2        | 4.2       | 4.4       | 4.5        | 3.6        | 4.3       | 3.8        | 32 |
| (*)                                 | (*)       | (*)        | (*)                        | (*)       | (*)        | (*)                                 | (*)       | (*)        | (*)       | (*)       | (*)        | (*)        | (*)       | (*)        | 33 |





# 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 |           |           |            |            |
|--------------------|--|-------------------------|-----------|-----------|------------|------------|-------------------------|-----------|-----------|------------|------------|
|                    |  | July 1975               | Aug. 1975 | June 1976 | July 1976P | Aug. 1976P | July 1975               | Aug. 1975 | June 1976 | July 1976P | Aug. 1976P |
| -                  | <b>TOTAL PRIVATE</b> .....                         | \$164.89                | \$166.90  | \$176.18  | \$177.88   | \$178.24   | \$4.53                  | \$4.56    | \$4.84    | \$4.86     | \$4.87     |
| -                  | <b>MINING</b> .....                                | 248.72                  | 248.64    | 270.50    | 273.91     | 248.40     | 5.88                    | 5.92      | 6.32      | 6.37       | 6.21       |
| 10                 | <b>METAL MINING</b> .....                          | 245.01                  | 252.32    | 286.62    | 282.66     | -          | 6.11                    | 6.23      | 6.65      | 6.73       | -          |
| 101                | Iron ores .....                                    | 260.42                  | 279.48    | 301.37    | 307.56     | -          | 6.26                    | 6.53      | 6.96      | 6.99       | -          |
| 102                | Copper ores .....                                  | 247.04                  | 247.68    | 292.02    | 276.19     | -          | 6.40                    | 6.45      | 6.92      | 7.01       | -          |
| 11,12              | <b>COAL MINING</b> .....                           | 282.82                  | 277.15    | 303.02    | 310.78     | -          | (*)                     | 7.18      | 7.73      | (*)        | -          |
| 12                 | Bituminous coal and lignite mining .....           | 282.89                  | 276.82    | 303.80    | 311.98     | -          | (*)                     | 7.19      | 7.75      | (*)        | -          |
| 13                 | <b>OIL AND GAS EXTRACTION</b> .....                | 235.49                  | 236.62    | 251.99    | 255.11     | -          | 5.34                    | 5.39      | 5.65      | 5.72       | -          |
| 131,2              | Crude petroleum and natural gas fields .....       | 246.85                  | 245.20    | 264.06    | 271.23     | -          | 6.08                    | 6.13      | 6.52      | 6.52       | -          |
| 138                | Oil and gas field services .....                   | 229.12                  | 231.38    | 245.70    | 246.64     | -          | 4.97                    | 5.03      | 5.25      | 5.35       | -          |
| 14                 | <b>NONMETALLIC MINERALS, EXCEPT</b>                |                         |           |           |            |            |                         |           |           |            |            |
|                    | <b>FUELS</b> .....                                 | 222.06                  | 223.89    | 240.49    | 242.46     | -          | 4.99                    | 5.02      | 5.38      | 5.40       | -          |
| 142                | Crushed and broken stone .....                     | 219.23                  | 223.39    | 235.49    | 235.35     | -          | 4.96                    | 5.02      | 5.21      | 5.23       | -          |
| -                  | <b>CONTRACT CONSTRUCTION</b> .....                 | 270.05                  | 274.81    | 288.04    | 291.07     | 292.60     | 7.24                    | 7.27      | 7.60      | 7.68       | 7.70       |
| 15                 | <b>GENERAL BUILDING CONTRACTORS</b> .....          | 257.71                  | 261.28    | 272.69    | 274.54     | -          | 7.08                    | 7.10      | 7.39      | 7.44       | -          |
| 16                 | <b>HEAVY CONSTRUCTION CONTRACTORS</b> .....        | 275.22                  | 279.30    | 293.76    | 298.07     | -          | 6.68                    | 6.73      | 7.13      | 7.27       | -          |
| 161                | Highway and street construction .....              | 274.26                  | 277.75    | 289.25    | 292.87     | -          | 6.53                    | 6.52      | 6.79      | 6.94       | -          |
| 162                | Heavy construction, nec .....                      | 275.53                  | 280.67    | 297.94    | 302.80     | -          | 6.82                    | 6.93      | 7.43      | 7.57       | -          |
| 17                 | <b>SPECIAL TRADE CONTRACTORS</b> .....             | 275.04                  | 280.36    | 293.72    | 297.54     | -          | 7.64                    | 7.66      | 7.96      | 8.02       | -          |
| 171                | Plumbing, heating, air conditioning .....          | 291.00                  | 291.06    | 309.08    | 314.88     | -          | 7.76                    | 7.70      | 8.07      | 8.20       | -          |
| 172                | Painting, paper hanging, decorating .....          | 243.25                  | 250.26    | 254.10    | 261.30     | -          | 6.99                    | 7.01      | 7.26      | 7.34       | -          |
| 173                | Electrical work .....                              | 311.63                  | 314.87    | 339.98    | 338.07     | -          | 8.31                    | 8.33      | 8.90      | 8.85       | -          |
| 174                | Masonry, stonework, and plastering .....           | 255.18                  | 262.47    | 268.47    | 269.39     | -          | 7.64                    | 7.63      | 7.85      | 7.90       | -          |
| 176                | Roofing and sheetmetal work .....                  | 233.02                  | 235.94    | 244.50    | 253.18     | -          | 7.04                    | 6.96      | 7.17      | 7.36       | -          |
| -                  | <b>MANUFACTURING</b> .....                         | 188.55                  | 191.35    | 208.06    | 207.60     | 207.48     | 4.81                    | 4.82      | 5.15      | 5.19       | 5.20       |
| 19,24,25,<br>32-39 | <b>DURABLE GOODS</b> .....                         | 202.64                  | 205.88    | 227.28    | 224.78     | 225.59     | 5.13                    | 5.16      | 5.53      | 5.55       | 5.57       |
| 20-23,26-31        | <b>NONDURABLE GOODS</b> .....                      | 169.60                  | 172.22    | 182.03    | 183.46     | 183.46     | 4.36                    | 4.36      | 4.62      | 4.68       | 4.68       |
|                    | <b>DURABLE GOODS</b>                               |                         |           |           |            |            |                         |           |           |            |            |
| 19                 | <b>ORDNANCE AND ACCESSORIES</b> .....              | 207.23                  | 216.48    | 232.37    | 231.09     | 230.58     | 5.22                    | 5.28      | 5.64      | 5.72       | 5.75       |
| 192                | Ammunition, except for small arms .....            | 201.78                  | 217.34    | 234.43    | 231.48     | (*)        | 5.31                    | 5.42      | 5.76      | 5.89       | (*)        |
| 1925               | Complete guided missiles .....                     | 223.82                  | 249.45    | 258.34    | 253.88     | -          | 5.89                    | 6.04      | 6.24      | 6.46       | -          |
| 1929               | Ammunition, exc. for small arms, nec .....         | 172.21                  | 173.25    | 191.18    | 189.51     | -          | 4.52                    | 4.50      | 4.84      | 4.81       | -          |
| 24                 | <b>LUMBER AND WOOD PRODUCTS</b> .....              | 168.09                  | 174.72    | 193.26    | 194.25     | 198.29     | 4.31                    | 4.39      | 4.76      | 4.82       | 4.86       |
| 242                | Sawmills and planing mills .....                   | 161.41                  | 171.23    | 192.46    | 192.64     | (*)        | 4.16                    | 4.27      | 4.66      | 4.71       | (*)        |
| 2421               | Sawmills and planing mills, general .....          | 167.27                  | 177.68    | 201.20    | 202.21     | -          | 4.30                    | 4.42      | 4.86      | 4.92       | -          |
| 243                | Millwork, plywood and related products .....       | 172.43                  | 177.01    | 197.15    | 197.20     | 200.38     | 4.41                    | 4.47      | 4.88      | 4.93       | 4.96       |
| 2431               | Millwork .....                                     | 169.81                  | 176.04    | 183.68    | 182.52     | -          | 4.31                    | 4.39      | 4.65      | 4.68       | -          |
| 2432               | Veneer and plywood .....                           | 172.60                  | 179.73    | 218.40    | 217.46     | -          | 4.46                    | 4.55      | 5.25      | 5.33       | -          |
| 244                | Wooden containers .....                            | 124.53                  | 125.73    | 143.39    | 137.94     | (*)        | 3.26                    | 3.30      | 3.63      | 3.63       | (*)        |
| 2441,2             | Wooden boxes, shooks, and crates .....             | 122.88                  | 123.83    | 139.79    | 136.93     | -          | 3.20                    | 3.25      | 3.53      | 3.52       | -          |
| 249                | Miscellaneous wood products .....                  | 147.94                  | 150.18    | 158.79    | 158.40     | 162.41     | 3.68                    | 3.69      | 3.95      | 3.98       | 4.01       |
| 25                 | <b>FURNITURE AND FIXTURES</b> .....                | 140.25                  | 146.66    | 154.44    | 152.05     | 157.98     | 3.74                    | 3.78      | 3.96      | 3.97       | 4.03       |
| 251                | Household furniture .....                          | 131.69                  | 137.80    | 144.74    | 142.13     | (*)        | 3.54                    | 3.57      | 3.74      | 3.75       | (*)        |
| 2511               | Wood household furniture .....                     | 122.39                  | 128.82    | 138.25    | 136.64     | -          | 3.29                    | 3.32      | 3.50      | 3.54       | -          |
| 2512               | Upholstered household furniture .....              | 140.60                  | 145.92    | 149.20    | 145.73     | -          | 3.80                    | 3.82      | 4.00      | 3.96       | -          |
| 2515               | Mattresses and bedsprings .....                    | 152.36                  | 158.75    | 162.92    | 159.90     | -          | 4.02                    | 4.06      | 4.31      | 4.31       | -          |
| 252                | Office furniture .....                             | 161.38                  | 169.95    | 182.34    | 177.41     | -          | 4.17                    | 4.27      | 4.48      | 4.48       | -          |
| 254                | Partitions and fixtures .....                      | 174.19                  | 179.93    | 191.52    | 188.16     | -          | 4.56                    | 4.59      | 4.80      | 4.80       | -          |
| 253,9              | Other furniture and fixtures .....                 | 152.74                  | 163.49    | 171.16    | 172.53     | (*)        | 4.03                    | 4.16      | 4.40      | 4.39       | (*)        |
| 32                 | <b>STONE, CLAY, AND GLASS PRODUCTS</b> .....       | 201.14                  | 203.86    | 221.01    | 220.54     | 219.89     | 4.93                    | 4.96      | 5.30      | 5.34       | 5.35       |
| 321                | Flat glass .....                                   | 240.58                  | 246.43    | 302.33    | 294.79     | -          | 6.06                    | 6.13      | 6.84      | 6.92       | -          |
| 322                | Glass and glassware, pressed or blown .....        | 204.53                  | 202.81    | 220.04    | 219.92     | 217.60     | 5.05                    | 5.02      | 5.38      | 5.43       | 5.44       |
| 3221               | Glass containers .....                             | 215.89                  | 213.09    | 228.11    | 230.68     | -          | 5.24                    | 5.21      | 5.55      | 5.64       | -          |
| 3229               | Pressed and blown glass, nec .....                 | 187.15                  | 187.31    | 207.36    | 204.00     | -          | 4.75                    | 4.73      | 5.12      | 5.10       | -          |
| 324                | Cement, hydraulic .....                            | 271.93                  | 271.23    | 307.86    | 308.16     | 303.32     | 6.49                    | 6.52      | 7.33      | 7.39       | 7.38       |
| 325                | Structural clay products .....                     | 161.99                  | 164.81    | 173.45    | 174.25     | 175.94     | 3.99                    | 4.01      | 4.21      | 4.25       | 4.26       |
| 3251               | Brick and structural clay tile .....               | 148.73                  | 151.48    | 160.90    | 163.38     | -          | 3.61                    | 3.65      | 3.84      | 3.89       | -          |
| 326                | Pottery and related products .....                 | 160.27                  | 162.31    | 175.05    | 172.59     | -          | 4.24                    | 4.26      | 4.50      | 4.53       | -          |
| 327                | Concrete, gypsum, and plaster products .....       | 211.23                  | 215.43    | 230.99    | 232.52     | 232.20     | 4.97                    | 5.01      | 5.31      | 5.37       | 5.40       |
| 328,9              | Other stone and nonmetallic mineral products ..... | 189.21                  | 194.49    | 211.15    | 208.64     | 209.68     | 4.79                    | 4.85      | 5.15      | 5.19       | 5.19       |
| 3291               | Abrasive products .....                            | 173.63                  | 181.88    | 203.94    | 203.19     | -          | 4.77                    | 4.85      | 5.15      | 5.21       | -          |

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

| SIC Code           | Industry  | Average weekly hours |          |           |                        |                       | Average overtime hours |          |           |                        |                       |
|--------------------|---|----------------------|----------|-----------|------------------------|-----------------------|------------------------|----------|-----------|------------------------|-----------------------|
|                    |   | July 1975            | Aug 1975 | June 1976 | July 1976 <sup>P</sup> | Aug 1976 <sup>P</sup> | July 1975              | Aug 1975 | June 1976 | July 1976 <sup>P</sup> | Aug 1976 <sup>P</sup> |
| —                  | <b>TOTAL PRIVATE</b> .....                            | 36.4                 | 36.6     | 36.4      | 36.6                   | 36.6                  | —                      | —        | —         | —                      | —                     |
| —                  | <b>MINING</b> .....                                   | 42.3                 | 42.0     | 42.8      | 43.0                   | 40.0                  | —                      | —        | —         | —                      | —                     |
| 10                 | <b>METAL MINING</b> .....                             | 40.1                 | 40.5     | 43.1      | 42.0                   | —                     | —                      | —        | —         | —                      | —                     |
| 101                | Iron ores .....                                       | 41.6                 | 42.8     | 43.3      | 44.0                   | —                     | —                      | —        | —         | —                      |                       |
| 102                | Copper ores .....                                     | 38.6                 | 38.4     | 42.2      | 39.4                   | —                     | —                      | —        | —         | —                      |                       |
| 11,12              | <b>COAL MINING</b> .....                              | (*)                  | 38.6     | 39.2      | (*)                    | —                     | —                      | —        | —         | —                      |                       |
| 12                 | Bituminous coal and lignite mining .....              | (*)                  | 38.5     | 39.2      | (*)                    | —                     | —                      | —        | —         | —                      |                       |
| 13                 | <b>OIL AND GAS EXTRACTION</b> .....                   | 44.1                 | 43.9     | 44.6      | 44.6                   | —                     | —                      | —        | —         | —                      |                       |
| 131,2              | Crude petroleum and natural gas fields .....          | 40.6                 | 40.0     | 40.5      | 41.6                   | —                     | —                      | —        | —         | —                      |                       |
| 138                | Oil and gas field services .....                      | 46.1                 | 46.0     | 46.8      | 46.1                   | —                     | —                      | —        | —         | —                      |                       |
| 14                 | <b>NONMETALLIC MINERALS, EXCEPT<br/>FUELS</b> .....   | 44.5                 | 44.6     | 44.7      | 44.9                   | —                     | —                      | —        | —         | —                      |                       |
| 142                | Crushed and broken stone .....                        | 44.2                 | 44.5     | 45.2      | 45.0                   | —                     | —                      | —        | —         | —                      |                       |
| —                  | <b>CONTRACT CONSTRUCTION</b> .....                    | 37.3                 | 37.8     | 37.9      | 37.9                   | 38.0                  | —                      | —        | —         | —                      |                       |
| 16                 | <b>GENERAL BUILDING CONTRACTORS</b> .....             | 36.4                 | 36.8     | 36.9      | 36.9                   | —                     | —                      | —        | —         | —                      |                       |
| 16                 | <b>HEAVY CONSTRUCTION CONTRACTORS</b> .....           | 41.2                 | 41.5     | 41.2      | 41.0                   | —                     | —                      | —        | —         | —                      |                       |
| 161                | Highway and street construction .....                 | 42.0                 | 42.6     | 42.6      | 42.2                   | —                     | —                      | —        | —         | —                      |                       |
| 162                | Heavy construction, nec .....                         | 40.4                 | 40.5     | 40.1      | 40.0                   | —                     | —                      | —        | —         | —                      |                       |
| 17                 | <b>SPECIAL TRADE CONTRACTORS</b> .....                | 36.0                 | 36.6     | 36.9      | 37.1                   | —                     | —                      | —        | —         | —                      |                       |
| 171                | Plumbing, heating, air conditioning .....             | 37.5                 | 37.8     | 38.3      | 38.4                   | —                     | —                      | —        | —         | —                      |                       |
| 172                | Painting, paper hanging, decorating .....             | 34.8                 | 35.7     | 35.0      | 35.6                   | —                     | —                      | —        | —         | —                      |                       |
| 173                | Electrical work .....                                 | 37.5                 | 37.8     | 38.2      | 38.2                   | —                     | —                      | —        | —         | —                      |                       |
| 174                | Masonry, stonework, and plastering .....              | 33.4                 | 34.4     | 34.2      | 34.1                   | —                     | —                      | —        | —         | —                      |                       |
| 178                | Roofing and sheet metal work .....                    | 33.1                 | 33.9     | 34.1      | 34.4                   | —                     | —                      | —        | —         | —                      |                       |
| —                  | <b>MANUFACTURING</b> .....                            | 39.2                 | 39.7     | 40.4      | 40.0                   | 39.9                  | 2.5                    | 2.9      | 3.2       | 3.1                    |                       |
| 19,24,25,<br>32-39 | <b>DURABLE GOODS</b> .....                            | 39.5                 | 39.9     | 41.1      | 40.5                   | 40.5                  | 2.4                    | 2.7      | 3.4       | 3.1                    |                       |
| 20-23,26-31        | <b>NONDURABLE GOODS</b> .....                         | 38.9                 | 39.5     | 39.4      | 39.2                   | 39.2                  | 2.8                    | 3.1      | 3.0       | 3.0                    |                       |
|                    | <b>DURABLE GOODS</b>                                  |                      |          |           |                        |                       |                        |          |           |                        |                       |
| 19                 | <b>ORDNANCE AND ACCESSORIES</b> .....                 | 39.7                 | 41.0     | 41.2      | 40.4                   | 40.1                  | 2.2                    | 2.8      | 2.6       | 2.5                    |                       |
| 192                | Ammunition, except for small arms .....               | 38.0                 | 40.1     | 40.7      | 39.3                   | (*)                   | 1.5                    | 2.5      | 1.9       | 1.8                    |                       |
| 1925               | Complete guided missiles .....                        | 38.0                 | 41.3     | 41.4      | 39.3                   | —                     | —                      | —        | —         | —                      |                       |
| 1929               | Ammunition, exc. for small arms, nec. ....            | 38.1                 | 38.5     | 39.5      | 39.4                   | —                     | —                      | —        | —         | —                      |                       |
| 24                 | <b>LUMBER AND WOOD PRODUCTS</b> .....                 | 39.0                 | 39.8     | 40.6      | 40.3                   | 40.8                  | 3.0                    | 3.4      | 3.7       | 3.6                    |                       |
| 242                | Sawmills and planing mills .....                      | 38.8                 | 40.1     | 41.3      | 40.9                   | (*)                   | 3.4                    | 3.8      | 4.2       | 4.2                    |                       |
| 2421               | Sawmills and planing mills, general .....             | 38.9                 | 40.2     | 41.4      | 41.1                   | —                     | —                      | —        | —         | —                      |                       |
| 243                | Millwork, plywood and related products .....          | 39.1                 | 39.6     | 40.4      | 40.0                   | 40.4                  | 2.7                    | 2.8      | 3.2       | 3.3                    |                       |
| 2431               | Millwork .....  | 39.4                 | 40.1     | 39.5      | 39.0                   | —                     | —                      | —        | —         | —                      |                       |
| 2432               | Veneer and plywood .....                              | 38.7                 | 39.5     | 41.6      | 40.8                   | —                     | —                      | —        | —         | —                      |                       |
| 244                | Wooden containers .....                               | 38.2                 | 38.1     | 39.5      | 38.0                   | (*)                   | 2.1                    | 2.1      | 2.8       | 2.2                    |                       |
| 2441,2             | Wooden boxes, shooks, and crates .....                | 38.4                 | 38.1     | 39.6      | 38.9                   | —                     | —                      | —        | —         | —                      |                       |
| 249                | Miscellaneous wood products .....                     | 40.2                 | 40.7     | 40.2      | 39.8                   | 40.5                  | 3.0                    | 3.6      | 3.4       | 3.1                    |                       |
| 26                 | <b>FURNITURE AND FIXTURES</b> .....                   | 37.5                 | 38.8     | 39.0      | 38.3                   | 39.2                  | 1.4                    | 2.2      | 2.1       | 1.7                    |                       |
| 261                | Household furniture .....                             | 37.2                 | 38.6     | 38.7      | 37.9                   | (*)                   | 1.4                    | 2.1      | 2.0       | 1.6                    |                       |
| 2611               | Wood household furniture .....                        | 37.2                 | 38.8     | 39.5      | 38.6                   | —                     | 1.4                    | 2.3      | 2.4       | 2.1                    |                       |
| 2612               | Upholstered household furniture .....                 | 37.0                 | 38.2     | 37.3      | 36.8                   | —                     | —                      | —        | —         | —                      |                       |
| 2615               | Mattresses and bedsprings .....                       | 37.9                 | 39.1     | 37.8      | 37.1                   | —                     | —                      | —        | —         | —                      |                       |
| 262                | Office furniture .....                                | 38.7                 | 39.8     | 40.7      | 39.6                   | —                     | 1.4                    | 2.2      | 2.9       | 1.9                    |                       |
| 264                | Partitions and fixtures .....                         | 38.2                 | 39.2     | 39.9      | 39.2                   | —                     | 1.8                    | 2.3      | 2.7       | 2.8                    |                       |
| 263,9              | Other furniture and fixtures .....                    | 37.9                 | 39.3     | 38.9      | 39.3                   | (*)                   | 1.4                    | 2.4      | 2.0       | 1.6                    |                       |
| 32                 | <b>STONE, CLAY, AND GLASS PRODUCTS</b> .....          | 40.8                 | 41.1     | 41.7      | 41.3                   | 41.1                  | 3.8                    | 4.2      | 4.3       | 4.2                    |                       |
| 321                | Flat glass .....                                      | 39.7                 | 40.2     | 44.2      | 42.6                   | —                     | 2.9                    | 3.3      | 5.6       | 4.7                    |                       |
| 322                | Glass and glassware, pressed or blown .....           | 40.5                 | 40.4     | 40.9      | 40.5                   | 40.0                  | 4.1                    | 4.1      | 4.0       | 4.2                    |                       |
| 3221               | Glass containers .....                                | 41.2                 | 40.9     | 41.1      | 40.9                   | —                     | —                      | —        | —         | —                      |                       |
| 3229               | Pressed and blown glass, nec .....                    | 39.4                 | 39.6     | 40.5      | 40.0                   | —                     | 2.7                    | 2.6      | 3.0       | 3.4                    |                       |
| 324                | Cement, hydraulic .....                               | 41.9                 | 41.6     | 42.0      | 41.7                   | 41.1                  | 3.1                    | 3.1      | 3.2       | 3.2                    |                       |
| 325                | Structural clay products .....                        | 40.6                 | 41.1     | 41.2      | 41.0                   | 41.3                  | 3.3                    | 3.9      | 3.8       | 4.1                    |                       |
| 3251               | Brick and structural clay tile .....                  | 41.2                 | 41.5     | 41.9      | 42.0                   | —                     | —                      | —        | —         | —                      |                       |
| 326                | Pottery and related products .....                    | 37.8                 | 38.1     | 38.9      | 38.1                   | —                     | 1.9                    | 2.1      | 2.0       | 1.9                    |                       |
| 327                | Concrete, gypsum and plaster<br>products .....        | 42.5                 | 43.0     | 43.5      | 43.3                   | 43.0                  | 5.5                    | 5.9      | 6.1       | 5.9                    |                       |
| 328,9              | Other stone and nonmetallic mineral<br>products ..... | 39.5                 | 40.1     | 41.0      | 40.2                   | 40.4                  | 2.5                    | 3.1      | 3.2       | 2.9                    |                       |
| 3291               | Abrasive products .....                               | 36.4                 | 37.5     | 39.6      | 39.0                   | —                     | —                      | —        | —         | —                      |                       |

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 |           |           |                        |                        |
|----------|--|-------------------------|-----------|-----------|------------------------|------------------------|-------------------------|-----------|-----------|------------------------|------------------------|
|          |  | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
|          | <b>DURABLE GOODS—Continued</b>                   |                         |           |           |                        |                        |                         |           |           |                        |                        |
| 33       | <b>PRIMARY METAL INDUSTRIES</b> .....            | \$241.35                | \$249.08  | \$279.60  | \$280.71               | \$284.00               | \$6.11                  | \$6.29    | \$6.77    | \$6.83                 | \$6.91                 |
| 331      | Blast furnace and basic steel products .....     | 264.71                  | 278.52    | 312.36    | 313.65                 | (*)                    | 6.77                    | 7.16      | 7.60      | 7.65                   | (*)                    |
| 3312     | Blast furnaces and steel mills .....             | 270.18                  | 285.18    | 318.57    | 320.62                 | —                      | 6.91                    | 7.35      | 7.77      | 7.82                   | —                      |
| 332      | Iron and steel foundries .....                   | 219.05                  | 219.85    | 257.92    | 255.43                 | 258.96                 | 5.49                    | 5.51      | 6.20      | 6.23                   | 6.24                   |
| 3321     | Gray iron foundries .....                        | 225.36                  | 224.64    | 271.57    | 269.19                 | —                      | 5.62                    | 5.63      | 6.42      | 6.44                   | —                      |
| 3322     | Malleable iron foundries .....                   | 220.80                  | 224.46    | 266.93    | 257.01                 | —                      | 5.11                    | 5.83      | 6.64      | 6.59                   | —                      |
| 3323     | Steel foundries .....                            | 204.40                  | 207.03    | 220.44    | 218.28                 | —                      | 5.11                    | 5.15      | 5.47      | 5.54                   | —                      |
| 333,4    | Nonferrous metals .....                          | 243.01                  | 245.02    | 272.48    | 279.22                 | (*)                    | 6.06                    | 6.08      | 6.55      | 6.68                   | (*)                    |
| 3334     | Primary aluminum .....                           | 275.54                  | 277.17    | 304.30    | 310.17                 | —                      | 6.77                    | 6.81      | 7.28      | 7.35                   | —                      |
| 335      | Nonferrous rolling and drawing .....             | 225.07                  | 229.75    | 254.82    | 253.50                 | (*)                    | 5.53                    | 5.59      | 6.01      | 6.05                   | (*)                    |
| 3351     | Copper rolling and drawing .....                 | 223.56                  | 229.22    | 258.39    | 250.84                 | —                      | 5.52                    | 5.55      | 5.94      | 5.93                   | —                      |
| 3352     | Aluminum rolling and drawing .....               | 235.01                  | 240.61    | 266.48    | 272.64                 | —                      | 5.76                    | 5.84      | 6.27      | 6.37                   | —                      |
| 3357     | Nonferrous wire drawing and insulating .....     | 222.77                  | 227.84    | 252.42    | 247.61                 | —                      | 5.46                    | 5.53      | 6.01      | 6.01                   | —                      |
| 336      | Nonferrous foundries .....                       | 183.16                  | 189.54    | 212.63    | 211.17                 | (*)                    | 4.82                    | 4.86      | 5.25      | 5.24                   | (*)                    |
| 3361     | Aluminum castings .....                          | 184.95                  | 193.83    | 217.62    | 215.20                 | —                      | 4.88                    | 4.97      | 5.36      | 5.34                   | —                      |
| 3362,9   | Other nonferrous castings .....                  | 180.98                  | 184.00    | 205.93    | 205.64                 | —                      | 4.75                    | 4.73      | 5.11      | 5.09                   | —                      |
| 339      | Miscellaneous primary metal products .....       | 232.46                  | 240.60    | 255.27    | 258.49                 | (*)                    | 5.93                    | 6.00      | 6.43      | 6.43                   | (*)                    |
| 3391     | Iron and steel forgings .....                    | 245.39                  | 252.80    | 272.92    | 275.65                 | —                      | 6.26                    | 6.32      | 6.84      | 6.84                   | —                      |
| 34       | <b>FABRICATED METAL PRODUCTS</b> .....           | 198.07                  | 204.00    | 224.67    | 220.05                 | 225.23                 | 5.04                    | 5.10      | 5.45      | 5.42                   | 5.48                   |
| 341      | Metal cans .....                                 | 301.46                  | 297.48    | 323.44    | 327.01                 | (*)                    | 6.64                    | 6.67      | 7.14      | 7.14                   | (*)                    |
| 342      | Cutlery, hand tools, and hardware .....          | 182.12                  | 187.29    | 210.31    | 205.77                 | (*)                    | 4.78                    | 4.79      | 5.18      | 5.17                   | (*)                    |
| 3421,3,5 | Cutlery and hand tools, incl. saws .....         | 169.79                  | 177.91    | 193.44    | 188.33                 | —                      | 4.48                    | 4.55      | 4.80      | 4.78                   | —                      |
| 3429     | Hardware, nec .....                              | 190.62                  | 194.22    | 221.82    | 219.09                 | —                      | 4.99                    | 4.98      | 5.45      | 5.45                   | —                      |
| 343      | Plumbing and heating, except electric .....      | 172.28                  | 182.46    | 190.72    | 193.36                 | (*)                    | 4.51                    | 4.55      | 4.78      | 4.92                   | (*)                    |
| 3431,2   | Sanitary ware and plumbers' brass goods .....    | 177.00                  | 183.66    | 189.03    | 191.46                 | —                      | 4.55                    | 4.58      | 4.81      | 4.96                   | —                      |
| 3433     | Heating equipment, except electric .....         | 167.63                  | 181.25    | 192.30    | 195.20                 | —                      | 4.47                    | 4.52      | 4.76      | 4.88                   | —                      |
| 344      | Fabricated structural metal products .....       | 197.90                  | 204.11    | 214.25    | 212.93                 | (*)                    | 5.01                    | 5.09      | 5.29      | 5.31                   | (*)                    |
| 3441     | Fabricated structural steel .....                | 215.48                  | 220.01    | 232.69    | 231.39                 | —                      | 5.23                    | 5.34      | 5.58      | 5.63                   | —                      |
| 3442     | Metal doors, sash, and trim .....                | 158.67                  | 160.24    | 169.81    | 170.56                 | —                      | 4.10                    | 4.13      | 4.31      | 4.34                   | —                      |
| 3443     | Fabricated plate work (boiler shops) .....       | 208.29                  | 219.37    | 228.17    | 223.18                 | —                      | 5.30                    | 5.39      | 5.62      | 5.65                   | —                      |
| 3444     | Sheet metal work .....                           | 200.20                  | 205.92    | 220.25    | 218.90                 | —                      | 5.20                    | 5.28      | 5.52      | 5.50                   | —                      |
| 3446,9   | Architectural and misc. metal work .....         | 186.44                  | 191.75    | 201.78    | 206.00                 | —                      | 4.72                    | 4.77      | 4.97      | 5.00                   | —                      |
| 345      | Screw machine products, bolts, etc .....         | 185.09                  | 189.54    | 218.30    | 217.24                 | (*)                    | 4.82                    | 4.86      | 5.21      | 5.26                   | —                      |
| 3451     | Screw machine products .....                     | 180.50                  | 181.10    | 207.09    | 209.58                 | —                      | 4.64                    | 4.62      | 4.99      | 5.05                   | —                      |
| 3452     | Bolts, nuts, rivets, and washers .....           | 189.62                  | 197.49    | 228.72    | 225.36                 | —                      | 4.99                    | 5.09      | 5.42      | 5.47                   | —                      |
| 346      | Metal stampings .....                            | 210.84                  | 222.56    | 265.17    | 249.07                 | (*)                    | 5.42                    | 5.55      | 6.21      | 6.06                   | (*)                    |
| 347      | Metal services, nec .....                        | 160.51                  | 163.41    | 179.38    | 178.09                 | 178.04                 | 4.18                    | 4.19      | 4.44      | 4.43                   | 4.44                   |
| 348      | Miscellaneous fabricated wire products .....     | 171.58                  | 177.36    | 188.60    | 188.25                 | 190.15                 | 4.48                    | 4.49      | 4.68      | 4.73                   | 4.73                   |
| 349      | Miscellaneous fabricated metal products .....    | 193.83                  | 196.50    | 215.54    | 210.54                 | 211.33                 | 4.97                    | 5.00      | 5.27      | 5.29                   | 5.27                   |
| 3494,8   | Valves, pipe, and pipe fittings .....            | 202.91                  | 205.01    | 222.89    | 214.49                 | —                      | 5.15                    | 5.19      | 5.41      | 5.43                   | —                      |
| 35       | <b>MACHINERY, EXCEPT ELECTRICAL</b> .....        | 212.67                  | 217.76    | 235.66    | 233.04                 | 236.23                 | 5.33                    | 5.39      | 5.72      | 5.74                   | 5.79                   |
| 351      | Engines and turbines .....                       | 237.61                  | 245.84    | 266.83    | 270.80                 | (*)                    | 5.97                    | 6.07      | 6.54      | 6.67                   | (*)                    |
| 3511     | Steam engines and turbines .....                 | 219.18                  | 229.30    | 249.55    | 256.48                 | —                      | 5.62                    | 5.62      | 5.97      | 6.38                   | —                      |
| 3519     | Internal combustion engines, nec .....           | 246.83                  | 252.50    | 275.12    | 277.44                 | —                      | 6.14                    | 6.25      | 6.81      | 6.80                   | —                      |
| 352      | Farm machinery .....                             | 223.57                  | 235.18    | 247.86    | 236.95                 | —                      | 5.66                    | 5.75      | 6.09      | 6.06                   | —                      |
| 353      | Construction and related machinery .....         | 224.16                  | 232.47    | 246.64    | 240.60                 | (*)                    | 5.59                    | 5.67      | 6.06      | 6.03                   | (*)                    |
| 3531,2   | Construction and mining machinery .....          | 236.56                  | 247.86    | 260.95    | 252.32                 | —                      | 6.05                    | 6.12      | 6.54      | 6.52                   | —                      |
| 3533     | Oil field machinery .....                        | 214.50                  | 219.73    | 233.20    | 231.42                 | —                      | 5.00                    | 5.11      | 5.50      | 5.51                   | —                      |
| 3535,6   | Conveyors, hoists, cranes, monorails .....       | 216.19                  | 216.60    | 233.65    | 228.37                 | —                      | 5.26                    | 5.27      | 5.63      | 5.57                   | —                      |
| 3537     | Industrial trucks and tractors .....             | 184.01                  | 193.72    | 218.00    | 219.78                 | —                      | 4.92                    | 4.98      | 5.45      | 5.44                   | —                      |
| 354      | Metal working machinery .....                    | 220.58                  | 221.20    | 245.78    | 243.26                 | 244.67                 | 5.46                    | 5.53      | 5.88      | 5.89                   | 5.91                   |
| 3541     | Machine tools, metal cutting types .....         | 226.32                  | 223.16    | 246.03    | 248.71                 | —                      | 5.52                    | 5.51      | 5.90      | 5.95                   | —                      |
| 3544     | Special dies, tools, jigs and fixtures .....     | 235.99                  | 241.84    | 269.57    | 264.93                 | —                      | 5.77                    | 5.87      | 6.24      | 6.19                   | —                      |
| 3545     | Machine tool accessories .....                   | 203.38                  | 199.04    | 221.95    | 222.89                 | —                      | 5.11                    | 5.13      | 5.44      | 5.49                   | —                      |
| 3542,8   | Miscellaneous metal working machinery .....      | 201.45                  | 197.63    | 218.80    | 213.84                 | —                      | 5.10                    | 5.16      | 5.47      | 5.54                   | —                      |
| 355      | Special industry machinery .....                 | 194.83                  | 197.90    | 218.12    | 214.67                 | (*)                    | 4.92                    | 4.96      | 5.32      | 5.34                   | (*)                    |
| 3551     | Food products machinery .....                    | 202.47                  | 207.95    | 230.45    | 225.18                 | —                      | 5.10                    | 5.16      | 5.58      | 5.56                   | —                      |
| 3552     | Textile machinery .....                          | 157.77                  | 161.82    | 183.19    | 179.10                 | —                      | 4.13                    | 4.16      | 4.49      | 4.50                   | —                      |
| 3555     | Printing trades machinery .....                  | 198.69                  | 198.86    | 226.32    | 224.76                 | —                      | 5.03                    | 5.06      | 5.52      | 5.69                   | —                      |
| 356      | General industrial machinery .....               | 212.93                  | 218.16    | 231.74    | 229.14                 | (*)                    | 5.35                    | 5.40      | 5.68      | 5.70                   | (*)                    |
| 3561     | Pumps and compressors .....                      | 208.69                  | 219.60    | 234.19    | 227.83                 | —                      | 5.27                    | 5.33      | 5.74      | 5.71                   | —                      |
| 3562     | Ball and roller bearings .....                   | 221.45                  | 228.58    | 242.43    | 240.76                 | —                      | 5.55                    | 5.63      | 5.87      | 5.93                   | —                      |
| 3564     | Blowers and fans .....                           | 199.48                  | 204.42    | 220.18    | 219.47                 | —                      | 5.05                    | 5.06      | 5.28      | 5.34                   | —                      |
| 3566     | Power transmission equipment .....               | 218.24                  | 216.80    | 232.72    | 234.93                 | —                      | 5.31                    | 5.34      | 5.69      | 5.73                   | —                      |
| 357      | Office and computing machines .....              | 203.21                  | 207.67    | 220.92    | 222.29                 | (*)                    | 5.03                    | 5.09      | 5.26      | 5.28                   | (*)                    |
| 3573     | Electronic computing equipment .....             | 213.11                  | 218.93    | 229.87    | 232.90                 | —                      | 5.16                    | 5.25      | 5.46      | 5.48                   | —                      |
| 358      | Service industry machines .....                  | 185.19                  | 192.67    | 209.50    | 213.96                 | (*)                    | 4.81                    | 4.89      | 5.16      | 5.27                   | (*)                    |
| 3585     | Refrigeration machinery .....                    | 188.07                  | 193.25    | 211.45    | 220.25                 | —                      | 4.81                    | 4.88      | 5.17      | 5.32                   | —                      |
| 359      | Miscellaneous machinery, except electrical ..... | 203.09                  | 208.87    | 232.55    | 230.18                 | (*)                    | 5.09                    | 5.17      | 5.55      | 5.56                   | (*)                    |

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

| SIC Code | Industry                                   | Average weekly hours |           |           |                        |                        | Average overtime hours |           |           |                        |                        |
|----------|--|----------------------|-----------|-----------|------------------------|------------------------|------------------------|-----------|-----------|------------------------|------------------------|
|          |  | July 1975            | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975              | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
|          | <b>DURABLE GOODS—Continued</b>             |                      |           |           |                        |                        |                        |           |           |                        |                        |
| 33       | <b>PRIMARY METAL INDUSTRIES</b>            | 39.5                 | 39.6      | 41.3      | 41.1                   | 41.1                   | 2.4                    | 2.7       | 3.7       | 3.7                    | —                      |
| 331      | Blast furnace and basic steel products     | 39.1                 | 38.9      | 41.1      | 41.0                   | (*)                    | 1.6                    | 1.8       | 3.0       | 3.2                    | —                      |
| 3312     | Blast furnaces and steel mills             | 39.1                 | 38.8      | 41.0      | 41.0                   | —                      | 1.5                    | 1.7       | 2.9       | 3.2                    | —                      |
| 332      | Iron and steel foundries                   | 39.9                 | 39.9      | 41.6      | 41.0                   | 41.5                   | 3.6                    | 3.7       | 4.6       | 4.6                    | —                      |
| 3321     | Gray iron foundries                        | 40.1                 | 39.9      | 42.3      | 41.8                   | —                      | 4.1                    | 3.9       | 5.3       | 5.5                    | —                      |
| 3322     | Malleable iron foundries                   | 38.4                 | 38.5      | 40.2      | 39.0                   | —                      | —                      | —         | —         | —                      | —                      |
| 3323     | Steel foundries                            | 40.0                 | 40.2      | 40.3      | 39.4                   | —                      | 3.2                    | 3.7       | 3.4       | 2.9                    | —                      |
| 333,4    | Nonferrous metals                          | 40.1                 | 40.3      | 41.6      | 41.8                   | (*)                    | 2.8                    | 3.2       | 3.5       | 4.2                    | —                      |
| 3334     | Primary aluminum                           | 40.7                 | 40.7      | 41.8      | 42.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 335      | Nonferrous rolling and drawing             | 40.7                 | 41.1      | 42.4      | 41.9                   | (*)                    | 3.4                    | 3.8       | 5.1       | 4.3                    | —                      |
| 3351     | Copper rolling and drawing                 | 40.5                 | 41.3      | 43.5      | 42.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 3352     | Aluminum rolling and drawing               | 40.8                 | 41.2      | 42.5      | 42.8                   | —                      | 3.5                    | 3.8       | 5.3       | 5.3                    | —                      |
| 3357     | Nonferrous wire drawing and insulating     | 40.8                 | 41.2      | 42.0      | 41.2                   | —                      | 3.6                    | 3.9       | 5.0       | 4.0                    | —                      |
| 336      | Nonferrous foundries                       | 38.0                 | 39.0      | 40.5      | 40.3                   | (*)                    | 1.7                    | 2.1       | 3.4       | 2.8                    | —                      |
| 3361     | Aluminum castings                          | 37.9                 | 39.0      | 40.6      | 40.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 3362,9   | Other nonferrous castings                  | 38.1                 | 38.9      | 40.3      | 40.4                   | —                      | —                      | —         | —         | —                      | —                      |
| 339      | Miscellaneous primary metal products       | 39.2                 | 40.1      | 39.7      | 40.2                   | (*)                    | 3.0                    | 3.4       | 3.3       | 3.3                    | —                      |
| 3391     | Iron and steel forgings                    | 39.2                 | 40.0      | 39.9      | 40.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 34       | <b>FABRICATED METAL PRODUCTS</b>           | 39.3                 | 40.0      | 41.3      | 40.6                   | 41.1                   | 2.3                    | 2.8       | 3.5       | 3.2                    | —                      |
| 341      | Metal cans                                 | 45.4                 | 44.6      | 45.3      | 45.8                   | (*)                    | 5.6                    | 5.5       | 5.1       | 5.6                    | —                      |
| 342      | Cutlery, hand tools, and hardware          | 38.1                 | 39.1      | 40.6      | 39.8                   | (*)                    | 1.4                    | 1.9       | 3.0       | 2.7                    | —                      |
| 3421,3,5 | Cutlery and hand tools, incl. saws         | 37.9                 | 39.1      | 40.3      | 39.4                   | —                      | —                      | —         | —         | —                      | —                      |
| 3429     | Hardware, nec                              | 38.2                 | 39.0      | 40.7      | 40.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 343      | Plumbing and heating, except electric      | 38.2                 | 40.1      | 39.9      | 39.3                   | (*)                    | 1.8                    | 2.6       | 2.9       | 2.8                    | —                      |
| 3431,2   | Sanitary ware and plumbers' brass goods    | 38.9                 | 40.1      | 39.3      | 38.6                   | —                      | —                      | —         | —         | —                      | —                      |
| 3433     | Heating equipment, except electric         | 37.5                 | 40.1      | 40.4      | 40.0                   | —                      | —                      | —         | —         | —                      | —                      |
| 344      | Fabricated structural metal products       | 39.5                 | 40.1      | 40.5      | 40.1                   | (*)                    | 2.5                    | 2.8       | 2.9       | 2.7                    | —                      |
| 3441     | Fabricated structural steel                | 41.2                 | 41.2      | 41.7      | 41.1                   | —                      | 3.6                    | 3.5       | 3.6       | 2.8                    | —                      |
| 3442     | Metal doors, sash, and trim                | 38.7                 | 38.8      | 39.4      | 39.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 3443     | Fabricated plate work (boiler shops)       | 39.3                 | 40.7      | 40.6      | 39.5                   | —                      | 2.5                    | 3.2       | 2.6       | 2.2                    | —                      |
| 3444     | Sheet metal work                           | 38.5                 | 39.0      | 39.9      | 39.8                   | —                      | —                      | —         | —         | —                      | —                      |
| 3446,9   | Architectural and misc. metal work         | 39.5                 | 40.2      | 40.6      | 41.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 345      | Screw machine products, bolts, etc         | 38.4                 | 39.0      | 41.9      | 41.3                   | (*)                    | 1.4                    | 1.6       | 3.9       | 3.7                    | —                      |
| 3451     | Screw machine products                     | 38.9                 | 39.2      | 41.5      | 41.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 3452     | Bolts, nuts, rivets, and washers           | 38.0                 | 38.8      | 42.2      | 41.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 346      | Metal stampings                            | 38.9                 | 40.1      | 42.7      | 41.1                   | (*)                    | 2.2                    | 3.0       | 5.1       | 4.0                    | —                      |
| 347      | Metal services, nec                        | 38.4                 | 39.0      | 40.4      | 40.2                   | 40.1                   | 2.7                    | 2.7       | 3.6       | 3.5                    | —                      |
| 348      | Miscellaneous fabricated wire products     | 38.3                 | 39.5      | 40.3      | 39.8                   | 40.2                   | 1.8                    | 2.4       | 2.8       | 2.6                    | —                      |
| 349      | Miscellaneous fabricated metal products    | 39.0                 | 39.3      | 40.9      | 39.8                   | 40.1                   | 2.1                    | 2.6       | 3.0       | 2.7                    | —                      |
| 3494,8   | Valves, pipe, and pipe fittings            | 39.4                 | 39.5      | 41.2      | 39.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 35       | <b>MACHINERY, EXCEPT ELECTRICAL</b>        | 39.9                 | 40.4      | 41.2      | 40.6                   | 40.8                   | 2.4                    | 2.9       | 3.1       | 3.1                    | —                      |
| 351      | Engines and turbines                       | 39.8                 | 40.5      | 40.8      | 40.6                   | (*)                    | 2.0                    | 3.1       | 3.6       | 4.1                    | —                      |
| 3511     | Steam engines and turbines                 | 39.0                 | 40.8      | 41.8      | 40.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 3519     | Internal combustion engines, nec           | 40.2                 | 40.4      | 40.4      | 40.8                   | —                      | —                      | —         | —         | —                      | —                      |
| 352      | Farm machinery                             | 39.5                 | 40.9      | 40.7      | 39.1                   | —                      | 1.8                    | 3.1       | 2.7       | 2.6                    | —                      |
| 353      | Construction and related machinery         | 40.1                 | 41.0      | 40.7      | 39.9                   | (*)                    | 2.6                    | 3.2       | 2.6       | 2.3                    | —                      |
| 3531,2   | Construction and mining machinery          | 39.1                 | 40.5      | 39.9      | 38.7                   | —                      | 2.0                    | 3.2       | 1.9       | 1.4                    | —                      |
| 3533     | Oil field machinery                        | 42.9                 | 43.0      | 42.4      | 42.0                   | —                      | —                      | —         | —         | —                      | —                      |
| 3535,6   | Conveyors, hoists, cranes, monorails       | 41.1                 | 41.1      | 41.5      | 41.0                   | —                      | —                      | —         | —         | —                      | —                      |
| 3537     | Industrial trucks and tractors             | 37.4                 | 38.9      | 40.0      | 40.4                   | —                      | —                      | —         | —         | —                      | —                      |
| 354      | Metal working machinery                    | 40.4                 | 40.0      | 41.8      | 41.3                   | 41.4                   | 2.9                    | 3.0       | 3.9       | 3.9                    | —                      |
| 3541     | Machine tools, metal cutting types         | 41.0                 | 40.5      | 41.7      | 41.8                   | —                      | 3.3                    | 3.4       | 3.5       | 3.5                    | —                      |
| 3544     | Special dies, tools, jig and fixtures      | 40.9                 | 41.2      | 43.2      | 42.8                   | —                      | —                      | —         | —         | —                      | —                      |
| 3545     | Machine tool accessories                   | 39.8                 | 38.8      | 40.8      | 40.6                   | —                      | 2.7                    | 1.9       | 3.2       | 3.4                    | —                      |
| 3542,8   | Miscellaneous metal working machinery      | 39.5                 | 38.3      | 40.0      | 38.6                   | —                      | —                      | —         | —         | —                      | —                      |
| 355      | Special industry machinery                 | 39.6                 | 39.9      | 41.0      | 40.2                   | (*)                    | 1.9                    | 2.4       | 2.8       | 2.6                    | —                      |
| 3551     | Food products machinery                    | 39.7                 | 40.3      | 41.3      | 40.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 3552     | Textile machinery                          | 38.2                 | 38.9      | 40.8      | 39.8                   | —                      | —                      | —         | —         | —                      | —                      |
| 3555     | Printing trades machinery                  | 39.5                 | 39.3      | 41.0      | 39.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 356      | General industrial machinery               | 39.8                 | 40.4      | 40.8      | 40.2                   | (*)                    | 2.7                    | 2.9       | 2.9       | 2.8                    | —                      |
| 3561     | Pumps and compressors                      | 39.6                 | 41.2      | 40.8      | 39.9                   | —                      | 2.8                    | 3.1       | 2.7       | 2.6                    | —                      |
| 3562     | Ball and roller bearings                   | 39.9                 | 40.6      | 41.3      | 40.6                   | —                      | 2.8                    | 3.0       | 3.6       | 3.3                    | —                      |
| 3564     | Blowers and fans                           | 39.5                 | 40.4      | 41.7      | 41.1                   | —                      | —                      | —         | —         | —                      | —                      |
| 3566     | Power transmission equipment               | 41.1                 | 40.6      | 40.9      | 41.0                   | —                      | 3.6                    | 3.2       | 3.0       | 3.3                    | —                      |
| 357      | Office and computing machines              | 40.4                 | 40.8      | 42.0      | 42.1                   | (*)                    | 1.6                    | 2.1       | 2.9       | 3.0                    | —                      |
| 3573     | Electronic computing equipment             | 41.3                 | 41.7      | 42.1      | 42.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 358      | Service industry machines                  | 38.5                 | 39.4      | 40.6      | 40.6                   | (*)                    | 1.1                    | 1.6       | 2.6       | 2.8                    | —                      |
| 3585     | Refrigeration machinery                    | 39.1                 | 39.6      | 40.9      | 41.4                   | —                      | 1.0                    | 1.4       | 2.6       | 3.1                    | —                      |
| 359      | Miscellaneous machinery, except electrical | 39.9                 | 40.4      | 41.9      | 41.4                   | (*)                    | 2.9                    | 3.4       | 3.8       | 3.7                    | —                      |

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 |           |           |                        |                        |
|----------|--|-------------------------|-----------|-----------|------------------------|------------------------|-------------------------|-----------|-----------|------------------------|------------------------|
|          |  | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
|          | <b>DURABLE GOODS—Continued</b>               |                         |           |           |                        |                        |                         |           |           |                        |                        |
| 36       | <b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>     | \$ 179.33               | \$ 181.70 | \$ 195.05 | \$ 192.76              | \$ 194.22              | \$ 4.61                 | \$ 4.60   | \$ 4.84   | \$ 4.88                | \$ 4.88                |
| 361      | Electric test and distributing equipment     | 185.25                  | 184.63    | 200.10    | 202.58                 | 203.09                 | 4.75                    | 4.71      | 4.99      | 5.09                   | 5.09                   |
| 3611     | Electric measuring instruments               | 162.15                  | 162.29    | 199.89    | 202.18                 | —                      | 4.19                    | 4.14      | 4.96      | 5.08                   | —                      |
| 3612     | Transformers                                 | 182.96                  | 184.55    | 190.76    | 192.23                 | —                      | 4.74                    | 4.72      | 4.71      | 4.83                   | —                      |
| 3613     | Switchgear and switchboard apparatus         | 203.82                  | 202.91    | 207.23    | 209.22                 | —                      | 5.16                    | 5.15      | 5.22      | 5.27                   | —                      |
| 362      | Electrical industrial apparatus              | 183.81                  | 181.37    | 195.37    | 193.95                 | (*)                    | 4.63                    | 4.58      | 4.86      | 4.91                   | (*)                    |
| 3621     | Motors and generators                        | 185.66                  | 182.86    | 197.78    | 195.82                 | —                      | 4.63                    | 4.56      | 4.92      | 4.97                   | —                      |
| 3622     | Industrial controls                          | 175.24                  | 173.70    | 184.21    | 183.77                 | —                      | 4.54                    | 4.50      | 4.64      | 4.70                   | —                      |
| 363      | Household appliances                         | 182.10                  | 184.67    | 190.16    | 190.22                 | (*)                    | 4.61                    | 4.64      | 4.79      | 4.89                   | (*)                    |
| 3632     | Household refrigerators and freezers         | 195.72                  | 187.79    | 199.58    | 201.55                 | —                      | 4.93                    | 4.84      | 5.04      | 5.29                   | —                      |
| 3633     | Household laundry equipment                  | 213.73                  | 222.86    | 216.22    | 218.90                 | —                      | 5.33                    | 5.53      | 5.53      | 5.57                   | —                      |
| 3634     | Electric housewares and fans                 | 154.05                  | 156.82    | 162.72    | 161.82                 | —                      | 3.91                    | 3.97      | 4.13      | 4.16                   | —                      |
| 364      | Electric lighting and wiring equipment       | 168.14                  | 169.56    | 184.12    | 179.21                 | (*)                    | 4.39                    | 4.37      | 4.58      | 4.56                   | (*)                    |
| 3641     | Electric lamps                               | 178.00                  | 175.87    | 189.06    | 186.47                 | —                      | 4.45                    | 4.43      | 4.60      | 4.65                   | —                      |
| 3642     | Lighting fixtures                            | 169.63                  | 172.87    | 194.62    | 183.74                 | —                      | 4.56                    | 4.49      | 4.89      | 4.76                   | —                      |
| 3643,4   | Wiring devices                               | 162.39                  | 164.09    | 174.44    | 173.01                 | —                      | 4.24                    | 4.24      | 4.35      | 4.38                   | —                      |
| 366      | Radio and TV receiving equipment             | 163.24                  | 164.40    | 179.33    | 173.80                 | (*)                    | 4.33                    | 4.27      | 4.54      | 4.61                   | (*)                    |
| 366      | Communication equipment                      | 200.19                  | 205.25    | 224.26    | 221.75                 | (*)                    | 5.12                    | 5.17      | 5.51      | 5.53                   | (*)                    |
| 3661     | Telephone and telegraph apparatus            | 194.69                  | 204.22    | 228.93    | 224.22                 | —                      | 5.07                    | 5.17      | 5.57      | 5.55                   | —                      |
| 3662     | Radio and TV communication equipment         | 204.34                  | 205.77    | 220.44    | 219.85                 | —                      | 5.16                    | 5.17      | 5.47      | 5.51                   | —                      |
| 367      | Electronic components and accessories        | 151.31                  | 154.84    | 162.79    | 162.74                 | (*)                    | 3.93                    | 3.93      | 4.08      | 4.12                   | (*)                    |
| 3671-3   | Electron tubes                               | 189.07                  | 200.45    | 210.64    | 205.40                 | —                      | 4.68                    | 4.83      | 5.15      | 5.20                   | —                      |
| 3674,9   | Other electronic components                  | 145.54                  | 147.42    | 156.81    | 156.81                 | —                      | 3.81                    | 3.78      | 3.94      | 3.98                   | —                      |
| 369      | Miscellaneous electrical equip. and supplies | 207.24                  | 213.56    | 234.64    | 231.49                 | (*)                    | 5.26                    | 5.26      | 5.60      | 5.66                   | —                      |
| 3694     | Engine electrical equipment                  | 224.14                  | 225.28    | 258.40    | 253.37                 | —                      | 5.66                    | 5.59      | 6.08      | 6.12                   | —                      |
| 37       | <b>TRANSPORTATION EQUIPMENT</b>              | 244.20                  | 240.40    | 279.06    | 272.16                 | 262.51                 | 6.00                    | 6.01      | 6.52      | 6.48                   | 6.53                   |
| 371      | Motor vehicles and equipment                 | 265.92                  | 257.75    | 319.69    | 309.06                 | (*)                    | 6.47                    | 6.46      | 7.12      | 7.04                   | (*)                    |
| 3711     | Motor vehicles                               | 280.22                  | 259.58    | 343.91    | 330.46                 | —                      | 6.72                    | 6.76      | 7.38      | 7.36                   | —                      |
| 3712     | Passenger car bodies                         | 287.83                  | 276.23    | 359.92    | 344.43                 | —                      | 7.25                    | 7.25      | 8.07      | 8.24                   | —                      |
| 3713     | Truck and bus bodies                         | 207.48                  | 199.90    | 227.42    | 224.81                 | —                      | 5.20                    | 5.01      | 5.52      | 5.51                   | —                      |
| 3714     | Motor vehicle parts and accessories          | 260.35                  | 262.26    | 309.84    | 304.41                 | —                      | 6.35                    | 6.35      | 7.01      | 6.95                   | —                      |
| 3716     | Truck trailers                               | 180.50                  | 181.23    | 197.06    | 192.23                 | —                      | 4.75                    | 4.82      | 5.04      | 4.98                   | —                      |
| 372      | Aircraft and parts                           | 246.41                  | 249.26    | 259.26    | 263.90                 | (*)                    | 6.01                    | 6.05      | 6.37      | 6.50                   | (*)                    |
| 3721     | Aircraft                                     | 256.26                  | 259.16    | 266.18    | 271.47                 | —                      | 6.22                    | 6.26      | 6.54      | 6.67                   | —                      |
| 3722     | Aircraft engines and engine parts            | 242.40                  | 245.83    | 257.44    | 268.11                 | —                      | 6.00                    | 6.04      | 6.42      | 6.62                   | —                      |
| 3723,9   | Other aircraft parts and equipment           | 229.07                  | 231.54    | 247.10    | 242.00                 | —                      | 5.56                    | 5.62      | 5.94      | 5.99                   | —                      |
| 373      | Ship and boat building and repairing         | 208.68                  | 207.11    | 222.88    | 223.22                 | (*)                    | 5.23                    | 5.23      | 5.60      | 5.68                   | (*)                    |
| 3731     | Ship building and repairing                  | 220.00                  | 219.05    | 236.01    | 236.40                 | —                      | 5.50                    | 5.49      | 5.93      | 6.00                   | —                      |
| 3732     | Boat building and repairing                  | 166.66                  | 163.24    | 176.67    | 176.28                 | —                      | 4.23                    | 4.24      | 4.45      | 4.52                   | —                      |
| 374      | Railroad equipment                           | 256.06                  | 243.72    | 255.57    | 257.54                 | —                      | 6.20                    | 6.17      | 6.57      | 6.57                   | —                      |
| 375,9    | Other transportation equipment               | 160.61                  | 162.09    | 177.76    | 174.54                 | —                      | 4.15                    | 4.21      | 4.40      | 4.43                   | —                      |
| 38       | <b>INSTRUMENTS AND RELATED PRODUCTS</b>      | 178.75                  | 179.60    | 195.62    | 195.29                 | 197.15                 | 4.56                    | 4.57      | 4.83      | 4.87                   | 4.88                   |
| 381      | Engineering and scientific instruments       | 193.28                  | 195.77    | 205.84    | 207.55                 | —                      | 4.83                    | 4.87      | 5.07      | 5.15                   | —                      |
| 382      | Mechanical measuring and control devices     | 172.38                  | 173.60    | 189.48    | 190.07                 | (*)                    | 4.42                    | 4.44      | 4.69      | 4.74                   | (*)                    |
| 3821     | Mechanical measuring devices                 | 178.35                  | 180.50    | 195.21    | 196.99                 | —                      | 4.47                    | 4.49      | 4.82      | 4.84                   | —                      |
| 3822     | Automatic temperature controls               | 161.08                  | 161.01    | 181.40    | 179.54                 | —                      | 4.33                    | 4.34      | 4.49      | 4.58                   | —                      |
| 383,5    | Optical and ophthalmic goods                 | 160.68                  | 164.01    | 171.20    | 174.56                 | (*)                    | 4.12                    | 4.09      | 4.28      | 4.31                   | (*)                    |
| 385      | Ophthalmic goods                             | 148.22                  | 150.14    | 154.84    | 158.80                 | —                      | 3.87                    | 3.83      | 3.94      | 3.98                   | —                      |
| 384      | Medical instruments and supplies             | 155.14                  | 156.26    | 172.73    | 169.99                 | 171.39                 | 4.04                    | 4.08      | 4.34      | 4.37                   | 4.35                   |
| 386      | Photographic equipment and supplies          | 226.80                  | 229.14    | 254.52    | 253.95                 | (*)                    | 5.67                    | 5.70      | 6.06      | 6.09                   | (*)                    |
| 387      | Watches, clocks, and watchcases              | 147.73                  | 139.10    | 155.20    | 150.93                 | —                      | 3.74                    | 3.68      | 3.88      | 3.86                   | —                      |
| 39       | <b>MISC. MANUFACTURING INDUSTRIES</b>        | 143.26                  | 145.16    | 154.41    | 154.75                 | 155.56                 | 3.79                    | 3.79      | 3.99      | 4.03                   | 4.03                   |
| 391      | Jewelry, silverware, and plated ware         | 148.60                  | 153.06    | 164.09    | 164.05                 | 162.73                 | 4.06                    | 4.06      | 4.24      | 4.25                   | 4.26                   |
| 394      | Toys and sporting goods                      | 131.95                  | 133.76    | 141.31    | 140.22                 | —                      | 3.50                    | 3.52      | 3.68      | 3.69                   | —                      |
| 3941-3   | Games, toys, dolls and play vehicles         | 127.43                  | 130.34    | 133.41    | 135.26                 | —                      | 3.38                    | 3.43      | 3.52      | 3.55                   | —                      |
| 3949     | Sporting and athletic goods, nec             | 137.62                  | 138.71    | 149.77    | 146.29                 | —                      | 3.66                    | 3.66      | 3.85      | 3.86                   | —                      |
| 395      | Pens, pencils, office and art supplies       | 150.00                  | 149.23    | 157.56    | 163.56                 | —                      | 3.75                    | 3.74      | 3.90      | 3.97                   | —                      |
| 396      | Costume jewelry and notions                  | 127.88                  | 126.71    | 134.17    | 132.13                 | —                      | 3.41                    | 3.37      | 3.54      | 3.62                   | —                      |
| 393,9    | Other manufacturing industries               | 154.60                  | 157.87    | 168.00    | 169.12                 | (*)                    | 4.09                    | 4.09      | 4.33      | 4.37                   | (*)                    |
| 393      | Musical instruments and parts                | 142.08                  | 150.54    | 156.80    | 159.95                 | —                      | 3.84                    | 3.88      | 4.00      | 4.07                   | —                      |
|          | <b>NONDURABLE GOODS</b>                      |                         |           |           |                        |                        |                         |           |           |                        |                        |
| 20       | <b>FOOD AND KINDRED PRODUCTS</b>             | 184.28                  | 189.15    | 197.78    | 200.07                 | 198.94                 | 4.55                    | 4.58      | 4.92      | 4.94                   | 4.90                   |
| 201      | Meat products                                | 187.46                  | 187.93    | 200.10    | 204.31                 | 205.22                 | 4.71                    | 4.71      | 4.99      | 5.02                   | 5.03                   |
| 2011.    | Meat packing plants                          | 228.17                  | 231.54    | 242.90    | 249.78                 | —                      | 5.62                    | 5.62      | 5.91      | 5.99                   | —                      |
| 2013     | Sausages and other prepared meats            | 229.50                  | 221.65    | 243.17    | 248.44                 | —                      | 5.53                    | 5.50      | 5.06      | 6.03                   | —                      |
| 2015     | Poultry dressing plants                      | 114.38                  | 115.14    | 125.18    | 129.63                 | —                      | 3.01                    | 3.03      | 3.26      | 3.29                   | —                      |

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

| SIC Code                       | Industry                                     | Average weekly hours |           |           |             |             | Average overtime hours |           |           |             |             |
|--------------------------------|--|----------------------|-----------|-----------|-------------|-------------|------------------------|-----------|-----------|-------------|-------------|
|                                |  | July 1975            | Aug. 1975 | June 1976 | July 1976 P | Aug. 1976 P | July 1975              | Aug. 1975 | June 1976 | July 1976 P | Aug. 1976 P |
| <b>DURABLE GOODS—Continued</b> |  |                      |           |           |             |             |                        |           |           |             |             |
| 36                             | <b>ELECTRICAL EQUIPMENT AND SUPPLIES</b>     | 38.9                 | 39.5      | 40.3      | 39.5        | 39.8        | 1.5                    | 1.9       | 2.4       | 2.1         | —           |
| 361                            | Electric test and distributing equipment     | 39.0                 | 39.2      | 40.1      | 39.8        | 39.9        | 1.6                    | 1.7       | 1.9       | 2.1         | —           |
| 3611                           | Electric measuring instruments               | 38.7                 | 39.2      | 40.3      | 39.8        | —           | 1.3                    | 1.3       | 1.6       | 1.4         | —           |
| 3612                           | Transformers                                 | 38.6                 | 39.1      | 40.5      | 39.8        | —           | —                      | —         | —         | —           | —           |
| 3613                           | Switchgear and switchboard apparatus         | 39.5                 | 39.4      | 39.7      | 39.7        | —           | —                      | —         | —         | —           | —           |
| 362                            | Electrical industrial apparatus              | 39.7                 | 39.6      | 40.2      | 39.5        | (*)         | 1.7                    | 1.8       | 2.5       | 2.3         | —           |
| 3621                           | Motors and generators                        | 40.1                 | 40.1      | 40.2      | 39.4        | —           | 2.1                    | 2.4       | 2.7       | 2.4         | —           |
| 3622                           | Industrial controls                          | 38.6                 | 38.6      | 39.7      | 39.1        | —           | 1.0                    | 1.1       | 1.9       | 1.8         | —           |
| 363                            | Household appliances                         | 39.5                 | 39.8      | 39.7      | 38.9        | (*)         | 1.6                    | 2.1       | 2.0       | 1.6         | —           |
| 3632                           | Household refrigerators and freezers         | 39.7                 | 38.8      | 39.6      | 38.1        | —           | —                      | —         | —         | —           | —           |
| 3633                           | Household laundry equipment                  | 40.1                 | 40.3      | 39.1      | 39.3        | —           | —                      | —         | —         | —           | —           |
| 3634                           | Electric housewares and fans                 | 39.4                 | 39.5      | 39.4      | 38.9        | —           | 1.5                    | 2.2       | 2.0       | 1.5         | —           |
| 364                            | Electric lighting and wiring equipment       | 38.3                 | 38.8      | 40.2      | 39.3        | (*)         | 1.2                    | 1.7       | 2.4       | 1.9         | —           |
| 3641                           | Electric lamps                               | 40.0                 | 39.7      | 41.1      | 40.1        | —           | 1.3                    | 1.4       | 2.3       | 1.5         | —           |
| 3642                           | Lighting fixtures                            | 37.2                 | 38.5      | 39.8      | 38.6        | —           | 1.3                    | 1.8       | 2.9       | 2.0         | —           |
| 3643,4                         | Wiring devices                               | 38.3                 | 38.7      | 40.1      | 39.5        | —           | 1.0                    | 1.7       | 2.2       | 1.9         | —           |
| 365                            | Radio and TV receiving equipment             | 37.7                 | 38.5      | 39.5      | 37.7        | (*)         | .6                     | 1.2       | 2.1       | 1.8         | —           |
| 366                            | Communication equipment                      | 39.1                 | 39.7      | 40.7      | 40.1        | (*)         | 1.5                    | 1.9       | 2.3       | 1.7         | —           |
| 3661                           | Telephone and telegraph apparatus            | 38.4                 | 39.5      | 41.1      | 40.4        | —           | —                      | —         | —         | —           | —           |
| 3662                           | Radio and TV communication equipment         | 39.6                 | 39.8      | 40.3      | 39.9        | —           | 1.9                    | 2.2       | 2.3       | 1.9         | —           |
| 367                            | Electronic components and accessories        | 38.5                 | 39.4      | 39.9      | 39.5        | (*)         | 1.6                    | 2.0       | 2.4       | 2.4         | —           |
| 3671,3                         | Electron tubes                               | 40.4                 | 41.5      | 40.9      | 39.5        | —           | 1.4                    | 2.6       | 2.2       | 1.3         | —           |
| 3674,9                         | Other electronic components                  | 38.2                 | 39.0      | 39.8      | 39.4        | —           | 1.6                    | 1.9       | 2.4       | 2.5         | —           |
| 369                            | Miscellaneous electrical equip. and supplies | 39.4                 | 40.6      | 41.9      | 40.9        | (*)         | 2.0                    | 2.7       | 3.6       | 3.0         | —           |
| 3694                           | Engine electrical equipment                  | 39.6                 | 40.3      | 42.5      | 41.4        | —           | —                      | —         | —         | —           | —           |
| 37                             | <b>TRANSPORTATION EQUIPMENT</b>              | 40.7                 | 40.0      | 42.8      | 42.0        | 40.2        | 3.0                    | 2.9       | 4.7       | 4.3         | —           |
| 371                            | Motor vehicles and equipment                 | 41.1                 | 39.9      | 44.9      | 43.9        | (*)         | 3.3                    | 3.1       | 6.4       | 5.8         | —           |
| 3711                           | Motor vehicles                               | 41.7                 | 38.4      | 46.6      | 44.9        | —           | 3.5                    | 2.9       | 7.4       | 6.4         | —           |
| 3712                           | Passenger car bodies                         | 39.7                 | 38.1      | 44.6      | 41.8        | —           | —                      | —         | —         | —           | —           |
| 3713                           | Truck and bus bodies                         | 39.9                 | 39.9      | 41.2      | 40.8        | —           | —                      | —         | —         | —           | —           |
| 3714                           | Motor vehicle parts and accessories          | 41.0                 | 41.3      | 44.2      | 43.8        | —           | 3.3                    | 3.5       | 6.1       | 5.8         | —           |
| 3715                           | Truck trailers                               | 38.0                 | 37.6      | 39.1      | 38.6        | —           | —                      | —         | —         | —           | —           |
| 372                            | Aircraft and parts                           | 41.0                 | 41.2      | 40.7      | 40.6        | (*)         | 2.8                    | 3.1       | 2.7       | 2.9         | —           |
| 3721                           | Aircraft                                     | 41.2                 | 41.4      | 40.7      | 40.7        | —           | 2.6                    | 2.8       | 2.2       | 2.6         | —           |
| 3722                           | Aircraft engines and engine parts            | 40.4                 | 40.7      | 40.1      | 40.5        | —           | 2.9                    | 3.4       | 2.8       | 3.0         | —           |
| 3723,9                         | Other aircraft parts and equipment           | 41.2                 | 41.2      | 41.6      | 40.4        | —           | 3.3                    | 3.3       | 3.5       | 3.2         | —           |
| 373                            | Ship and boat building and repairing         | 39.9                 | 39.6      | 39.8      | 39.3        | (*)         | 2.8                    | 2.6       | 2.8       | 2.6         | —           |
| 3731                           | Ship building and repairing                  | 40.0                 | 39.9      | 39.8      | 39.4        | —           | —                      | —         | —         | —           | —           |
| 3732                           | Boat building and repairing                  | 39.4                 | 38.5      | 39.7      | 39.0        | —           | —                      | —         | —         | —           | —           |
| 374                            | Railroad equipment                           | 41.3                 | 39.5      | 38.9      | 39.2        | —           | 3.3                    | 2.5       | 1.3       | 1.6         | —           |
| 375,9                          | Other transportation equipment               | 38.7                 | 38.5      | 40.4      | 39.4        | —           | 1.6                    | 1.8       | 2.9       | 2.6         | —           |
| 38                             | <b>INSTRUMENTS AND RELATED PRODUCTS</b>      | 39.2                 | 39.3      | 40.5      | 40.1        | 40.4        | 1.6                    | 1.9       | 2.5       | 2.2         | —           |
| 381                            | Engineering and scientific instruments       | 40.1                 | 40.2      | 40.6      | 40.3        | —           | 2.2                    | 2.4       | 2.4       | 2.4         | —           |
| 382                            | Mechanical measuring and control devices     | 39.0                 | 39.1      | 40.4      | 40.1        | (*)         | 1.8                    | 1.7       | 2.8       | 2.5         | —           |
| 3821                           | Mechanical measuring devices                 | 39.9                 | 40.2      | 40.5      | 40.7        | —           | 2.1                    | 1.9       | 2.8       | 2.6         | —           |
| 3822                           | Automatic temperature controls               | 37.2                 | 37.1      | 40.4      | 39.2        | —           | 1.0                    | 1.5       | 2.8       | 2.3         | —           |
| 383,5                          | Optical and ophthalmic goods                 | 39.0                 | 40.1      | 40.0      | 40.5        | (*)         | 1.3                    | 2.1       | 2.4       | 2.1         | —           |
| 385                            | Ophthalmic goods                             | 38.3                 | 39.2      | 39.3      | 39.9        | —           | 1.2                    | 1.6       | 2.1       | 2.1         | —           |
| 384                            | Medical instruments and supplies             | 38.4                 | 38.3      | 39.8      | 38.9        | 39.4        | 1.4                    | 1.7       | 2.2       | 1.6         | —           |
| 386                            | Photographic equipment and supplies          | 40.0                 | 40.2      | 42.0      | 41.7        | (*)         | 1.4                    | 1.9       | 2.9       | 2.8         | —           |
| 387                            | Watches, clocks, and watch cases             | 39.5                 | 37.8      | 40.0      | 39.1        | —           | 1.6                    | 1.7       | 1.9       | 1.8         | —           |
| 39                             | <b>MISC. MANUFACTURING INDUSTRIES</b>        | 37.8                 | 38.3      | 38.7      | 38.4        | 38.6        | 1.4                    | 1.8       | 1.9       | 1.7         | —           |
| 391                            | Jewelry, silverware, and plated ware         | 36.6                 | 37.7      | 38.7      | 38.6        | 38.2        | .8                     | 1.7       | 2.2       | 1.6         | —           |
| 394                            | Toys and sporting goods                      | 37.7                 | 38.0      | 38.4      | 38.0        | —           | 1.4                    | 1.7       | 1.7       | 1.7         | —           |
| 3941-3                         | Games, toys, dolls and play vehicles         | 37.7                 | 38.0      | 37.9      | 38.1        | —           | —                      | —         | —         | —           | —           |
| 3949                           | Sporting and athletic goods, nec             | 37.6                 | 37.9      | 38.9      | 37.9        | —           | —                      | —         | —         | —           | —           |
| 395                            | Pens, pencils, office and art supplies       | 40.0                 | 39.9      | 40.4      | 41.2        | —           | 2.0                    | 2.0       | 2.2       | 2.3         | —           |
| 396                            | Costume jewelry and notions                  | 37.5                 | 37.6      | 37.9      | 36.5        | —           | 1.4                    | 1.5       | 1.7       | .9          | —           |
| 393,9                          | Other manufacturing industries               | 37.8                 | 38.6      | 38.8      | 38.7        | (*)         | 1.4                    | 1.9       | 2.0       | 1.8         | —           |
| 393                            | Musical instruments and parts                | 37.0                 | 38.8      | 39.2      | 39.3        | —           | .8                     | 1.8       | 1.5       | 1.1         | —           |
| <b>NONDURABLE GOODS</b>        |  |                      |           |           |             |             |                        |           |           |             |             |
| 20                             | <b>FOOD AND KINDRED PRODUCTS</b>             | 40.5                 | 41.3      | 40.2      | 40.5        | 40.6        | 4.1                    | 4.3       | 3.8       | 4.2         | —           |
| 201                            | Meat products                                | 39.8                 | 39.9      | 40.1      | 40.7        | 40.8        | 3.8                    | 3.9       | 3.8       | 4.0         | —           |
| 2011                           | Meat packing plants                          | 40.6                 | 41.2      | 41.1      | 41.7        | —           | 4.4                    | 4.5       | 4.1       | 4.4         | —           |
| 2013                           | Sausages and other prepared meats            | 41.5                 | 40.3      | 40.8      | 41.2        | —           | —                      | —         | —         | —           | —           |
| 2015                           | Poultry dressing plants                      | 38.0                 | 38.0      | 38.4      | 39.4        | —           | —                      | —         | —         | —           | —           |

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

| SIC Code | Industry  | Average weekly earnings |           |           |                        |                        | Average hourly earnings |           |           |                        |                        |
|----------|---|-------------------------|-----------|-----------|------------------------|------------------------|-------------------------|-----------|-----------|------------------------|------------------------|
|          |   | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> |
|          | <b>NONDURABLE GOODS—Continued</b>               |                         |           |           |                        |                        |                         |           |           |                        |                        |
|          | <b>FOOD AND KINDRED PRODUCTS—Continued</b>      |                         |           |           |                        |                        |                         |           |           |                        |                        |
| 202      | Dairy products .....                            | \$193.28                | \$191.03  | \$206.29  | \$208.47               | (*)                    | \$4.58                  | \$4.57    | \$4.90    | \$4.94                 | (*)                    |
| 2024     | Ice cream and frozen desserts .....             | 191.90                  | 187.32    | 203.50    | 202.11                 | —                      | 4.58                    | 4.58      | 4.88      | 4.87                   | —                      |
| 2026     | Fluid milk .....                                | 203.78                  | 200.08    | 216.15    | 220.08                 | —                      | 4.75                    | 4.73      | 5.11      | 5.13                   | —                      |
| 203      | Canned, cured, and frozen foods .....           | 149.77                  | 173.43    | 156.71    | 158.00                 | —                      | 3.87                    | 4.10      | 4.19      | 4.18                   | —                      |
| 2031,6   | Canned, cured, and frozen sea foods .....       | 118.67                  | 125.98    | 136.70    | 143.63                 | —                      | 3.42                    | 3.48      | 3.84      | 3.82                   | —                      |
| 2032,3   | Canned food, except sea foods .....             | 157.60                  | 183.05    | 165.13    | 165.07                 | —                      | 3.94                    | 4.29      | 4.38      | 4.31                   | —                      |
| 2037     | Frozen fruits and vegetables .....              | 147.07                  | 147.38    | 146.59    | 144.76                 | —                      | 3.81                    | 3.75      | 3.93      | 4.01                   | —                      |
| 204      | Grain mill products .....                       | 214.59                  | 217.73    | 228.46    | 238.25                 | (*)                    | 4.79                    | 4.86      | 5.24      | 5.33                   | (*)                    |
| 2041     | Flour and other grain mill products .....       | 231.07                  | 242.25    | 247.52    | 262.82                 | —                      | 4.98                    | 5.10      | 5.44      | 5.58                   | —                      |
| 2042     | Prepared feeds for animals and fowls .....      | 187.50                  | 188.58    | 194.48    | 201.14                 | —                      | 4.13                    | 4.20      | 4.42      | 4.45                   | —                      |
| 205      | Bakery products .....                           | 187.46                  | 187.23    | 204.34    | 205.80                 | \$205.02               | 4.71                    | 4.74      | 5.16      | 5.21                   | \$5.23                 |
| 2051     | Bread, cake, and related products .....         | 189.29                  | 187.77    | 203.43    | 204.75                 | —                      | 4.78                    | 4.79      | 5.15      | 5.21                   | —                      |
| 2052     | Cookies and crackers .....                      | 181.40                  | 184.92    | 206.16    | 209.04                 | —                      | 4.49                    | 4.60      | 5.18      | 5.20                   | —                      |
| 206      | Sugar .....                                     | 212.48                  | 221.00    | 235.33    | 234.43                 | —                      | 5.12                    | 5.20      | 5.63      | 5.69                   | —                      |
| 207      | Confectionery and related products .....        | 162.37                  | 166.85    | 175.72    | 178.42                 | (*)                    | 4.09                    | 4.13      | 4.46      | 4.54                   | (*)                    |
| 2071     | Confectionery products .....                    | 154.44                  | 158.78    | 167.70    | 171.26                 | —                      | 3.90                    | 3.94      | 4.30      | 4.38                   | —                      |
| 208      | Beverages .....                                 | 220.99                  | 222.22    | 239.61    | 246.27                 | 241.72                 | 5.39                    | 5.46      | 5.83      | 5.92                   | 5.91                   |
| 2082     | Malt liquors .....                              | 314.60                  | 312.63    | 339.21    | 350.95                 | —                      | 7.15                    | 7.22      | 7.78      | 7.94                   | —                      |
| 2086     | Bottled and canned soft drinks .....            | 165.24                  | 166.45    | 178.93    | 186.26                 | —                      | 4.07                    | 4.12      | 4.44      | 4.51                   | —                      |
| 209      | Miscellaneous foods and kindred products .....  | 183.85                  | 188.55    | 202.73    | 200.58                 | (*)                    | 4.43                    | 4.50      | 4.77      | 4.81                   | (*)                    |
| 21       | <b>TOBACCO MANUFACTURES</b> .....               | 160.31                  | 165.02    | 199.79    | 168.66                 | 174.72                 | 4.62                    | 4.32      | 5.23      | 4.99                   | 4.80                   |
| 211      | Cigarettes .....                                | 190.44                  | 209.59    | 230.44    | 197.90                 | —                      | 5.52                    | 5.53      | 5.97      | 5.89                   | —                      |
| 212      | Cigars .....                                    | 106.27                  | 109.96    | 118.67    | 122.61                 | —                      | 2.88                    | 2.94      | 3.19      | 3.16                   | —                      |
| 22       | <b>TEXTILE MILL PRODUCTS</b> .....              | 131.60                  | 137.23    | 146.11    | 148.80                 | 148.85                 | 3.34                    | 3.38      | 3.59      | 3.72                   | 3.74                   |
| 221      | Weaving mills, cotton .....                     | 134.67                  | 140.61    | 152.15    | 159.08                 | (*)                    | 3.35                    | 3.38      | 3.64      | 3.88                   | (*)                    |
| 222      | Weaving mills, synthetics .....                 | 136.51                  | 140.07    | 152.40    | 163.10                 | (*)                    | 3.43                    | 3.45      | 3.69      | 3.93                   | (*)                    |
| 223      | Weaving and finishing mills, wool .....         | 139.49                  | 142.45    | 156.29    | 154.91                 | 153.85                 | 3.47                    | 3.50      | 3.73      | 3.76                   | 3.78                   |
| 224      | Narrow fabric mills .....                       | 126.75                  | 130.57    | 138.23    | 136.76                 | (*)                    | 3.25                    | 3.24      | 3.43      | 3.48                   | (*)                    |
| 225      | Knitting mills .....                            | 123.44                  | 126.81    | 133.82    | 131.45                 | 133.63                 | 3.24                    | 3.26      | 3.44      | 3.45                   | 3.48                   |
| 2251     | Women's hosiery, except socks .....             | 114.08                  | 114.98    | 120.46    | 118.03                 | —                      | 3.01                    | 3.01      | 3.17      | 3.19                   | —                      |
| 2252     | Hosiery, nec .....                              | 109.66                  | 113.87    | 121.79    | 121.34                 | —                      | 2.94                    | 2.95      | 3.18      | 3.21                   | —                      |
| 2253     | Knit outerwear mills .....                      | 120.27                  | 125.36    | 135.23    | 129.78                 | —                      | 3.35                    | 3.37      | 3.54      | 3.47                   | —                      |
| 2254     | Knit underwear mills .....                      | 108.33                  | 109.29    | 118.63    | 118.40                 | —                      | 2.92                    | 2.93      | 3.13      | 3.20                   | —                      |
| 226      | Textile finishing, except wool .....            | 146.11                  | 156.28    | 160.66    | 158.39                 | (*)                    | 3.59                    | 3.66      | 3.89      | 4.02                   | (*)                    |
| 227      | Floor covering mills .....                      | 139.84                  | 144.32    | 154.46    | 159.01                 | —                      | 3.47                    | 3.52      | 3.74      | 3.85                   | —                      |
| 228      | Yarn and thread mills .....                     | 121.60                  | 127.89    | 137.83    | 141.10                 | (*)                    | 3.11                    | 3.15      | 3.37      | 3.51                   | (*)                    |
| 229      | Miscellaneous textile goods .....               | 145.56                  | 153.68    | 159.90    | 158.80                 | 160.39                 | 3.63                    | 3.73      | 3.90      | 3.96                   | 3.98                   |
| 23       | <b>APPAREL AND OTHER TEXTILE PRODUCTS</b> ..... | 111.55                  | 113.44    | 122.06    | 120.68                 | 120.71                 | 3.16                    | 3.16      | 3.40      | 3.39                   | 3.41                   |
| 231      | Men's and boys' suits and coats .....           | 132.14                  | 129.36    | 153.41    | 152.81                 | (*)                    | 3.83                    | 3.85      | 4.18      | 4.13                   | (*)                    |
| 232      | Men's and boys' furnishings .....               | 101.31                  | 103.86    | 112.55    | 111.26                 | 111.69                 | 2.83                    | 2.83      | 3.05      | 3.04                   | 3.06                   |
| 2321     | Men's and boys' shirts and nightwear .....      | 99.55                   | 101.48    | 110.33    | 108.34                 | —                      | 2.75                    | 2.75      | 2.99      | 2.96                   | —                      |
| 2327     | Men's and boys' separate trousers .....         | 103.46                  | 105.82    | 115.13    | 115.69                 | —                      | 2.89                    | 2.86      | 3.12      | 3.11                   | —                      |
| 2328     | Men's and boys' work clothing .....             | 98.41                   | 99.64     | 110.63    | 107.64                 | —                      | 2.78                    | 2.76      | 2.99      | 2.99                   | —                      |
| 233      | Women's and misses' outerwear .....             | 110.21                  | 111.85    | 117.23    | 118.26                 | 118.57                 | 3.28                    | 3.28      | 3.51      | 3.53                   | 3.55                   |
| 2331     | Women's and misses' blouses and waists .....    | 110.83                  | 110.72    | 113.55    | 111.76                 | —                      | 3.07                    | 3.11      | 3.33      | 3.23                   | —                      |
| 2335     | Women's and misses' dresses .....               | 104.83                  | 106.57    | 113.53    | 116.60                 | —                      | 3.36                    | 3.32      | 3.57      | 3.61                   | —                      |
| 2337     | Women's and misses' suits and coats .....       | 131.13                  | 133.38    | 134.34    | 138.02                 | —                      | 3.79                    | 3.80      | 4.01      | 4.12                   | —                      |
| 2339     | Women's and misses' outerwear, nec .....        | 106.92                  | 107.64    | 114.37    | 113.43                 | —                      | 2.97                    | 2.99      | 3.24      | 3.25                   | —                      |
| 234      | Women's and children's undergarments .....      | 101.18                  | 106.72    | 114.50    | 110.31                 | 110.57                 | 2.85                    | 2.90      | 3.12      | 3.09                   | 3.08                   |
| 2341     | Women's and children's underwear .....          | 98.21                   | 103.86    | 110.83    | 109.63                 | —                      | 2.79                    | 2.83      | 3.02      | 3.02                   | —                      |
| 2342     | Corsets and allied garments .....               | 111.69                  | 117.24    | 126.98    | 113.23                 | —                      | 3.06                    | 3.16      | 3.46      | 3.34                   | —                      |
| 235      | Hats, caps, and millinery .....                 | 101.85                  | 102.82    | 112.65    | 117.51                 | —                      | 2.91                    | 2.88      | 3.02      | 2.99                   | —                      |
| 236      | Children's outerwear .....                      | 106.13                  | 105.70    | 113.52    | 110.57                 | (*)                    | 2.94                    | 2.92      | 3.11      | 3.08                   | (*)                    |
| 2361     | Children's dresses and blouses .....            | 106.43                  | 103.08    | 110.49    | 109.43                 | —                      | 2.94                    | 2.92      | 3.13      | 3.10                   | —                      |
| 237,8    | Fur goods and miscellaneous apparel .....       | 117.36                  | 116.56    | 123.50    | 123.15                 | —                      | 3.26                    | 3.22      | 3.44      | 3.44                   | —                      |
| 239      | Miscellaneous fabricated textile products ..... | 132.35                  | 138.48    | 147.07    | 142.86                 | (*)                    | 3.52                    | 3.56      | 3.85      | 3.83                   | (*)                    |
| 2391,2   | Housefurnishings .....                          | 110.58                  | 114.86    | 115.69    | 116.34                 | —                      | 2.91                    | 2.93      | 3.11      | 3.17                   | —                      |
| 26       | <b>PAPER AND ALLIED PRODUCTS</b> .....          | 210.08                  | 216.24    | 229.61    | 231.38                 | 234.60                 | 5.05                    | 5.10      | 5.39      | 5.47                   | 5.52                   |
| 261,2,6  | Paper and pulp mills .....                      | 248.16                  | 252.51    | 269.34    | 273.60                 | (*)                    | 5.64                    | 5.70      | 6.08      | 6.19                   | (*)                    |
| 263      | Paperboard mills .....                          | 239.13                  | 256.96    | 272.45    | 277.45                 | (*)                    | 5.68                    | 5.88      | 6.15      | 6.32                   | (*)                    |
| 264      | Miscellaneous converted paper products .....    | 181.55                  | 186.41    | 200.31    | 199.18                 | (*)                    | 4.55                    | 4.58      | 4.85      | 4.87                   | (*)                    |
| 2643     | Bags, except textile bags .....                 | 174.80                  | 179.01    | 192.51    | 195.35                 | —                      | 4.37                    | 4.42      | 4.65      | 4.73                   | —                      |
| 265      | Paperboard containers and boxes .....           | 186.71                  | 192.56    | 202.52    | 203.03                 | 203.20                 | 4.61                    | 4.64      | 4.88      | 4.94                   | 4.92                   |
| 2651,2   | Folding and setup paperboard boxes .....        | 173.75                  | 178.57    | 193.34    | 192.92                 | —                      | 4.41                    | 4.42      | 4.67      | 4.74                   | —                      |
| 2653     | Corrugated and solid fiber boxes .....          | 197.88                  | 206.15    | 212.80    | 213.20                 | —                      | 4.85                    | 4.92      | 5.14      | 5.20                   | —                      |
| 2654     | Sanitary food containers .....                  | 180.56                  | 181.87    | 195.00    | 196.04                 | —                      | 4.33                    | 4.32      | 4.61      | 4.69                   | —                      |

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

| SIC Code | Industry  | Average weekly hours |           |           |                        |                        | Average overtime hours |           |           |                        |                        |
|----------|---|----------------------|-----------|-----------|------------------------|------------------------|------------------------|-----------|-----------|------------------------|------------------------|
|          |   | July 1975            | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975              | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
|          | <b>NONDURABLE GOODS—Continued</b>               |                      |           |           |                        |                        |                        |           |           |                        |                        |
|          | <b>FOOD AND KINDRED PRODUCTS—Continued</b>      |                      |           |           |                        |                        |                        |           |           |                        |                        |
| 202      | Dairy products .....                            | 42.2                 | 41.8      | 42.1      | 42.2                   | (*)                    | 4.5                    | 4.1       | 4.3       | 4.4                    | —                      |
| 2024     | Ice cream and frozen desserts .....             | 41.9                 | 40.9      | 41.7      | 41.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 2026     | Fluid milk .....                                | 42.9                 | 42.3      | 42.3      | 42.9                   | —                      | —                      | —         | —         | —                      | —                      |
| 203      | Canned, cured, and frozen foods .....           | 38.7                 | 42.3      | 37.4      | 37.8                   | —                      | 3.6                    | 4.2       | 2.8       | 3.3                    | —                      |
| 2031,6   | Canned, cured, and frozen sea foods .....       | 34.7                 | 36.2      | 35.6      | 37.6                   | —                      | —                      | —         | —         | —                      | —                      |
| 2032,3   | Canned food, except sea foods .....             | 40.0                 | 45.0      | 37.7      | 38.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 2037     | Frozen fruits and vegetables .....              | 38.6                 | 39.3      | 37.3      | 36.1                   | —                      | —                      | —         | —         | —                      | —                      |
| 204      | Grain mill products .....                       | 44.8                 | 44.8      | 43.6      | 44.7                   | (*)                    | 6.9                    | 7.5       | 5.7       | 6.8                    | —                      |
| 2041     | Flour and other grain mill products .....       | 46.4                 | 47.5      | 45.5      | 47.1                   | —                      | —                      | —         | —         | —                      | —                      |
| 2042     | Prepared feeds for animals and fowls .....      | 45.4                 | 44.9      | 44.0      | 45.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 205      | Bakery products .....                           | 39.8                 | 39.5      | 39.6      | 39.5                   | 39.2                   | 3.7                    | 3.6       | 3.7       | 3.8                    | —                      |
| 2051     | Bread, cake, and related products .....         | 39.6                 | 39.2      | 39.5      | 39.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 2052     | Cookies and crackers .....                      | 40.4                 | 40.2      | 39.8      | 40.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 206      | Sugar .....                                     | 41.5                 | 42.5      | 41.8      | 41.2                   | —                      | 4.3                    | 4.7       | 3.4       | 4.2                    | —                      |
| 207      | Confectionery and related products .....        | 39.7                 | 40.4      | 39.4      | 39.3                   | (*)                    | 2.0                    | 2.9       | 2.3       | 2.5                    | —                      |
| 2071     | Confectionery products .....                    | 39.6                 | 40.3      | 39.0      | 39.1                   | —                      | —                      | —         | —         | —                      | —                      |
| 208      | Beverages .....                                 | 41.0                 | 40.7      | 41.1      | 41.6                   | 40.9                   | 4.5                    | 4.1       | 4.3       | 5.0                    | —                      |
| 2082     | Malt liquors .....                              | 44.0                 | 43.3      | 43.6      | 44.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 2086     | Bottled and canned soft drinks .....            | 40.6                 | 40.4      | 40.3      | 41.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 209      | Miscellaneous foods and kindred products .....  | 41.5                 | 41.9      | 42.5      | 41.7                   | (*)                    | 4.1                    | 4.6       | 4.9       | 4.5                    | —                      |
| 21       | <b>TOBACCO MANUFACTURES</b> .....               | 34.7                 | 38.2      | 38.2      | 33.8                   | 36.4                   | 1.7                    | 2.1       | 1.4       | 1.0                    | —                      |
| 211      | Cigarettes .....                                | 34.5                 | 37.9      | 38.6      | 33.6                   | —                      | 1.8                    | 2.0       | 1.5       | 1.0                    | —                      |
| 212      | Cigars .....                                    | 36.9                 | 37.4      | 37.2      | 38.8                   | —                      | .6                     | .6        | 1.5       | .7                     | —                      |
| 22       | <b>TEXTILE MILL PRODUCTS</b> .....              | 39.4                 | 40.6      | 40.7      | 40.0                   | 39.8                   | 3.0                    | 3.7       | 3.6       | 3.1                    | —                      |
| 221      | Weaving mills, cotton .....                     | 40.2                 | 41.6      | 41.8      | 41.0                   | (*)                    | 3.6                    | 4.4       | 4.4       | 3.5                    | —                      |
| 222      | Weaving mills, synthetics .....                 | 39.8                 | 40.6      | 41.3      | 41.5                   | (*)                    | 2.7                    | 3.5       | 3.8       | 3.8                    | —                      |
| 223      | Weaving and finishing mills, wool .....         | 40.2                 | 40.7      | 41.9      | 41.2                   | 40.7                   | 3.2                    | 3.6       | 4.1       | 4.0                    | —                      |
| 224      | Narrow fabric mills .....                       | 39.0                 | 40.3      | 40.3      | 39.3                   | (*)                    | 2.9                    | 3.4       | 3.6       | 2.5                    | —                      |
| 225      | Knitting mills .....                            | 38.1                 | 38.9      | 38.9      | 38.1                   | 38.4                   | 2.7                    | 2.9       | 2.7       | 2.4                    | —                      |
| 2251     | Women's hosiery, except socks .....             | 37.9                 | 38.2      | 38.0      | 37.0                   | —                      | —                      | —         | —         | —                      | —                      |
| 2252     | Hosiery, nec .....                              | 37.3                 | 38.6      | 38.3      | 37.8                   | —                      | —                      | —         | —         | —                      | —                      |
| 2253     | Knit outerwear mills .....                      | 35.9                 | 37.2      | 38.2      | 37.4                   | —                      | —                      | —         | —         | —                      | —                      |
| 2254     | Knit underwear mills .....                      | 37.1                 | 37.3      | 37.9      | 37.0                   | —                      | —                      | —         | —         | —                      | —                      |
| 226      | Textile finishing, except wool .....            | 40.7                 | 42.7      | 41.3      | 39.4                   | (*)                    | 3.6                    | 5.2       | 4.2       | 3.0                    | —                      |
| 227      | Floor covering mills .....                      | 40.3                 | 41.0      | 41.3      | 41.3                   | —                      | 3.0                    | 3.7       | 3.6       | 3.5                    | —                      |
| 228      | Yarn and thread mills .....                     | 39.1                 | 40.6      | 40.9      | 40.2                   | (*)                    | 2.6                    | 3.6       | 3.7       | 3.4                    | —                      |
| 229      | Miscellaneous textile goods .....               | 40.1                 | 41.2      | 41.0      | 40.1                   | 40.3                   | 2.6                    | 3.7       | 3.6       | 3.0                    | —                      |
| 23       | <b>APPAREL AND OTHER TEXTILE PRODUCTS</b> ..... | 35.3                 | 35.9      | 35.9      | 35.6                   | 35.4                   | .9                     | 1.3       | 1.3       | 1.0                    | —                      |
| 231      | Men's and boys' suits and coats .....           | 34.5                 | 33.6      | 36.7      | 37.0                   | (*)                    | .5                     | .2        | 1.0       | .7                     | —                      |
| 232      | Men's and boys' furnishings .....               | 35.8                 | 36.7      | 36.9      | 36.6                   | 36.5                   | .7                     | 1.1       | 1.2       | .9                     | —                      |
| 2321     | Men's and boys' shirts and nightwear .....      | 36.2                 | 36.9      | 36.9      | 36.6                   | —                      | .6                     | 1.2       | 1.2       | 1.0                    | —                      |
| 2327     | Men's and boys' separate trousers .....         | 35.8                 | 37.0      | 36.9      | 37.2                   | —                      | .8                     | 1.1       | 1.2       | .9                     | —                      |
| 2328     | Men's and boys' work clothing .....             | 35.4                 | 36.1      | 37.0      | 36.0                   | —                      | .7                     | 1.0       | 1.2       | .9                     | —                      |
| 233      | Women's and misses' outerwear .....             | 33.6                 | 34.1      | 33.4      | 33.5                   | 33.4                   | .9                     | 1.1       | 1.0       | .8                     | —                      |
| 2331     | Women's and misses' blouses and waists .....    | 36.1                 | 35.6      | 34.1      | 34.6                   | —                      | —                      | —         | —         | —                      | —                      |
| 2336     | Women's and misses' dresses .....               | 31.2                 | 32.1      | 31.8      | 32.3                   | —                      | .5                     | 1.0       | .8        | .8                     | —                      |
| 2337     | Women's and misses' suits and coats .....       | 34.6                 | 35.1      | 33.5      | 33.5                   | —                      | 1.2                    | 1.5       | 1.2       | 1.0                    | —                      |
| 2339     | Women's and misses' outerwear, nec .....        | 36.0                 | 36.0      | 35.3      | 34.9                   | —                      | 1.2                    | 1.3       | 1.1       | .8                     | —                      |
| 234      | Women's and children's undergarments .....      | 35.5                 | 36.8      | 36.7      | 35.7                   | 35.9                   | 1.2                    | 1.5       | 1.3       | .9                     | —                      |
| 2341     | Women's and children's underwear .....          | 35.2                 | 36.7      | 36.7      | 36.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 2342     | Corsets and allied garments .....               | 36.5                 | 37.1      | 36.7      | 33.9                   | —                      | —                      | —         | —         | —                      | —                      |
| 235      | Hats, caps, and millinery .....                 | 35.0                 | 35.7      | 37.3      | 39.3                   | —                      | .8                     | .9        | 1.6       | 1.0                    | —                      |
| 236      | Children's outerwear .....                      | 36.1                 | 36.2      | 36.5      | 35.9                   | (*)                    | 1.2                    | 1.8       | 1.5       | 1.3                    | —                      |
| 2361     | Children's dresses and blouses .....            | 36.2                 | 35.3      | 35.3      | 35.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 237,8    | Fur goods and miscellaneous apparel .....       | 36.0                 | 36.2      | 35.9      | 35.8                   | —                      | 1.1                    | 1.4       | 1.0       | .8                     | —                      |
| 239      | Miscellaneous fabricated textile products ..... | 37.6                 | 38.9      | 38.2      | 37.3                   | (*)                    | 1.5                    | 2.3       | 2.1       | 1.6                    | —                      |
| 2391,2   | Housefurnishings .....                          | 38.0                 | 39.2      | 37.2      | 36.7                   | —                      | —                      | —         | —         | —                      | —                      |
| 26       | <b>PAPER AND ALLIED PRODUCTS</b> .....          | 41.6                 | 42.4      | 42.6      | 42.3                   | 42.5                   | 4.3                    | 4.6       | 4.7       | 4.8                    | —                      |
| 261,2,8  | Paper and pulp mills .....                      | 44.0                 | 44.3      | 44.3      | 44.2                   | (*)                    | 5.9                    | 6.1       | 6.2       | 6.3                    | —                      |
| 263      | Paperboard mills .....                          | 42.1                 | 43.7      | 44.3      | 43.9                   | (*)                    | 5.9                    | 6.4       | 6.5       | 6.9                    | —                      |
| 264      | Miscellaneous converted paper products .....    | 39.9                 | 40.7      | 41.3      | 40.9                   | (*)                    | 2.8                    | 3.1       | 3.5       | 3.4                    | —                      |
| 2643     | Bags, except textile bags .....                 | 40.0                 | 40.5      | 41.4      | 41.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 265      | Paperboard containers and boxes .....           | 40.5                 | 41.5      | 41.5      | 41.1                   | 41.3                   | 3.6                    | 3.9       | 3.8       | 3.7                    | —                      |
| 2651,2   | Folding and setup paperboard boxes .....        | 39.4                 | 40.4      | 41.4      | 40.7                   | —                      | —                      | —         | —         | —                      | —                      |
| 2653     | Corrugated and solid fiber boxes .....          | 40.8                 | 41.9      | 41.4      | 41.0                   | —                      | 3.7                    | 4.6       | 4.2       | 4.1                    | —                      |
| 2654     | Sanitary food containers .....                  | 41.7                 | 42.1      | 42.3      | 41.8                   | —                      | —                      | —         | —         | —                      | —                      |

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 |           |           |                        |                        |
|-----------------------------------|---|-------------------------|-----------|-----------|------------------------|------------------------|-------------------------|-----------|-----------|------------------------|------------------------|
|                                   |   | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>P</sup> | Aug. 1976 <sup>P</sup> |
| <b>NONDURABLE GOODS—Continued</b> |   |                         |           |           |                        |                        |                         |           |           |                        |                        |
| 27                                | <b>PRINTING AND PUBLISHING</b> .....  | \$198.55                | \$202.74  | \$211.88  | \$213.19               | \$214.51               | \$ 5.41                 | \$5.45    | \$5.65    | \$5.67                 | \$5.69                 |
| 271                               | Newspapers .....  | 202.27                  | 204.24    | 216.32    | 216.03                 | 218.33                 | 5.88                    | 5.92      | 6.27      | 6.28                   | 6.31                   |
| 272                               | Periodicals .....   | 210.45                  | 211.23    | 215.05    | 215.55                 | —                      | 5.41                    | 5.43      | 5.75      | 5.81                   | —                      |
| 273                               | Books .....   | 170.02                  | 175.50    | 190.46    | 194.11                 | —                      | 4.62                    | 4.68      | 4.96      | 4.99                   | —                      |
| 275                               | Commercial printing .....   | 206.22                  | 212.74    | 217.32    | 218.66                 | (*)                    | 5.47                    | 5.54      | 5.63      | 5.65                   | (*)                    |
| 2751                              | Commercial printing, except lithographic .....  | 200.09                  | 206.12    | 209.83    | 211.85                 | —                      | 5.35                    | 5.41      | 5.45      | 5.46                   | —                      |
| 2752                              | Commercial printing, lithographic .....   | 216.41                  | 223.88    | 228.86    | 230.62                 | —                      | 5.68                    | 5.77      | 5.96      | 5.99                   | (*)                    |
| 278                               | Blankbooks and bookbinding .....  | 153.06                  | 154.73    | 169.69    | 171.74                 | (*)                    | 4.06                    | 4.04      | 4.34      | 4.37                   | (*)                    |
| 274,6,7,9                         | Other publishing and printing ind. ....   | 202.74                  | 204.71    | 217.88    | 218.83                 | (*)                    | 5.45                    | 5.43      | 5.63      | 5.64                   | (*)                    |
| 28                                | <b>CHEMICALS AND ALLIED PRODUCTS</b> ..   | 221.14                  | 222.50    | 242.94    | 244.67                 | 242.49                 | 5.42                    | 5.44      | 5.84      | 5.91                   | 5.90                   |
| 281                               | Industrial chemicals .....  | 246.00                  | 248.24    | 273.65    | 277.02                 | (*)                    | 6.00                    | 6.04      | 6.50      | 6.58                   | (*)                    |
| 2812                              | Alkalies and chlorine .....   | 245.39                  | 253.75    | 275.20    | 285.78                 | —                      | 5.72                    | 5.82      | 6.40      | 6.60                   | —                      |
| 2818                              | Industrial organic chemicals, nec. ....   | 266.09                  | 268.04    | 302.60    | 304.73                 | —                      | 6.49                    | 6.49      | 7.12      | 7.17                   | —                      |
| 2819                              | Industrial inorganic chemicals, nec. ....   | 234.90                  | 235.76    | 255.03    | 259.78                 | —                      | 5.80                    | 5.85      | 6.19      | 6.29                   | —                      |
| 282                               | Plastics materials and synthetics .....   | 216.89                  | 219.30    | 238.78    | 240.53                 | (*)                    | 5.29                    | 5.31      | 5.74      | 5.81                   | (*)                    |
| 2821                              | Plastics materials and resins .....   | 227.70                  | 233.33    | 260.89    | 260.76                 | —                      | 5.50                    | 5.49      | 5.97      | 6.05                   | —                      |
| 2823,4                            | Synthetic fibers .....  | 205.13                  | 206.35    | 215.74    | 219.35                 | —                      | 5.04                    | 5.07      | 5.38      | 5.47                   | —                      |
| 283                               | Drugs .....   | 205.82                  | 209.04    | 224.00    | 225.78                 | (*)                    | 5.12                    | 5.20      | 5.45      | 5.48                   | (*)                    |
| 2834                              | Pharmaceutical preparations .....   | 200.10                  | 204.11    | 218.94    | 221.66                 | —                      | 4.99                    | 5.09      | 5.34      | 5.38                   | —                      |
| 284                               | Soap, cleaners, and toilet goods .....  | 213.68                  | 209.56    | 226.55    | 230.20                 | (*)                    | 5.25                    | 5.20      | 5.58      | 5.67                   | (*)                    |
| 2841                              | Soap and other detergents .....   | 282.71                  | 277.02    | 298.91    | 309.15                 | —                      | 6.59                    | 6.58      | 7.10      | 7.24                   | —                      |
| 2844                              | Toilet preparations .....   | 166.60                  | 165.00    | 186.91    | 184.16                 | —                      | 4.25                    | 4.22      | 4.72      | 4.71                   | —                      |
| 285                               | Paints and allied products .....  | 205.00                  | 201.19    | 225.72    | 223.69                 | (*)                    | 5.00                    | 4.98      | 5.40      | 5.39                   | (*)                    |
| 287                               | Agricultural chemicals .....  | 201.76                  | 209.17    | 217.75    | 222.07                 | (*)                    | 4.85                    | 4.91      | 5.16      | 5.30                   | (*)                    |
| 2871,2                            | Fertilizers, complete and mixing only ..  | 188.33                  | 194.16    | 203.52    | 205.09                 | —                      | 4.56                    | 4.59      | 4.80      | 4.93                   | —                      |
| 286,9                             | Other chemical products .....   | 205.20                  | 207.25    | 224.13    | 223.56                 | (*)                    | 5.13                    | 5.13      | 5.44      | 5.52                   | (*)                    |
| 2892                              | Explosives .....  | 202.12                  | 200.58    | 220.71    | 217.49                 | —                      | 5.13                    | 5.13      | 5.37      | 5.37                   | —                      |
| 29                                | <b>PETROLEUM AND COAL PRODUCTS</b> .....  | 272.12                  | 268.55    | 300.04    | 303.31                 | 300.04                 | 6.51                    | 6.55      | 7.11      | 7.12                   | 7.11                   |
| 291                               | Petroleum refining .....  | 287.82                  | 283.20    | 322.76    | 325.08                 | 321.15                 | 7.02                    | 7.08      | 7.74      | 7.74                   | 7.72                   |
| 295,9                             | Other petroleum and coal products .....   | 227.77                  | 227.04    | 236.85    | 242.11                 | 239.59                 | 5.13                    | 5.16      | 5.42      | 5.49                   | 5.47                   |
| 30                                | <b>RUBBER AND PLASTICS PRODUCTS, NEC</b> ..   | 175.03                  | 176.04    | 177.39    | 175.12                 | 175.52                 | 4.42                    | 4.39      | 4.38      | 4.40                   | 4.41                   |
| 301                               | Tires and inner tubes .....   | 248.30                  | 247.88    | 249.79    | 244.38                 | (*)                    | 5.87                    | 5.86      | 5.69      | 5.75                   | (*)                    |
| 302,3,6                           | Other rubber products .....   | 165.02                  | 168.52    | 186.24    | 182.56                 | (*)                    | 4.32                    | 4.31      | 4.61      | 4.61                   | (*)                    |
| 302                               | Rubber footwear .....   | 127.70                  | 123.54    | 124.49    | 126.57                 | —                      | 3.47                    | 3.33      | 3.42      | 3.43                   | —                      |
| 307                               | Miscellaneous plastics products .....   | 154.06                  | 156.01    | 166.03    | 165.55                 | 165.90                 | 3.92                    | 3.91      | 4.13      | 4.17                   | 4.20                   |
| 31                                | <b>LEATHER AND LEATHER PRODUCTS</b> .....   | 123.00                  | 122.62    | 129.65    | 127.88                 | 126.62                 | 3.22                    | 3.21      | 3.43      | 3.41                   | 3.45                   |
| 311                               | Leather tanning and finishing .....   | 168.20                  | 172.89    | 177.12    | 175.03                 | 178.62                 | 4.28                    | 4.29      | 4.53      | 4.57                   | 4.58                   |
| 314                               | Footwear, except rubber .....   | 118.20                  | 116.59    | 123.23    | 122.47                 | (*)                    | 3.07                    | 3.06      | 3.26      | 3.24                   | (*)                    |
| 312,3,5,7,9                       | Other leather products .....  | 118.45                  | 120.52    | 129.75    | 124.85                 | (*)                    | 3.21                    | 3.18      | 3.46      | 3.43                   | (*)                    |
| 316                               | Luggage .....   | 114.12                  | 119.41    | 128.50    | 125.67                 | —                      | 3.17                    | 3.21      | 3.54      | 3.53                   | —                      |
| 317                               | Handbags and personal leather goods .....   | 120.65                  | 121.91    | 125.87    | 119.97                 | —                      | 3.15                    | 3.11      | 3.33      | 3.26                   | —                      |
| —                                 | <b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....  | 235.01                  | 241.40    | 256.80    | 259.94                 | 260.90                 | 5.89                    | 6.05      | 6.42      | 6.45                   | 6.49                   |
| 4011                              | <b>RAILROAD TRANSPORTATION:</b><br>Class I railroads <sup>2</sup> .....                   | 262.96                  | 256.65    | (*)       | (*)                    | —                      | 5.99                    | 6.14      | (*)       | (*)                    | —                      |
| 411                               | <b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b><br>Local and suburban transportation ..... | 203.12                  | 202.37    | 217.62    | 223.86                 | —                      | 4.93                    | 4.96      | 5.40      | 5.46                   | —                      |
| 413                               | Intercity highway transportation .....  | 250.40                  | 250.40    | 263.89    | 284.09                 | —                      | 6.26                    | 6.26      | 6.89      | 6.98                   | —                      |
| 42                                | <b>TRUCKING AND WAREHOUSING</b> .....   | 244.61                  | 250.92    | 264.31    | 263.40                 | —                      | 6.10                    | 6.15      | 6.51      | 6.44                   | —                      |
| 421,3                             | Trucking and trucking terminals .....   | 250.63                  | 257.26    | 270.25    | 268.96                 | —                      | 6.25                    | 6.29      | 6.64      | 6.56                   | —                      |
| 422                               | Public warehousing .....  | 173.26                  | 173.89    | 183.69    | 186.59                 | —                      | 4.31                    | 4.38      | 4.71      | 4.76                   | —                      |
| 46                                | <b>PIPE LINE TRANSPORTATION</b> .....   | 283.46                  | 286.62    | 303.32    | 311.41                 | —                      | 6.88                    | 6.89      | 7.38      | 7.45                   | —                      |
| 46                                | <b>COMMUNICATION</b> .....  | 216.22                  | 231.46    | 236.84    | 242.31                 | —                      | 5.53                    | 5.95      | 6.12      | 6.15                   | —                      |
| 481                               | Telephone communication .....   | 216.45                  | 234.74    | 239.09    | 245.86                 | —                      | 5.55                    | 6.05      | 6.21      | 6.24                   | —                      |
| 4817                              | Switchboard operating employees <sup>3</sup> .....  | 160.54                  | 174.06    | 177.07    | 185.32                 | —                      | 4.64                    | 5.06      | 5.27      | 5.31                   | —                      |
| 4818                              | Line construction employees <sup>4</sup> .....  | 282.30                  | 307.71    | 303.12    | 314.63                 | —                      | 6.46                    | 7.09      | 7.20      | 7.30                   | —                      |
| 482                               | Telegraph communication <sup>5</sup> .....  | 234.32                  | 259.91    | (*)       | (*)                    | —                      | 5.66                    | 6.13      | (*)       | (*)                    | —                      |
| 483                               | Radio and television broadcasting .....   | 216.15                  | 215.44    | 227.95    | 231.08                 | —                      | 5.50                    | 5.51      | 5.83      | 5.88                   | —                      |

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

| SIC Code    | Industry  | Average weekly hours |           |           |             |             | Average overtime hours |           |           |             |             |
|-------------|---|----------------------|-----------|-----------|-------------|-------------|------------------------|-----------|-----------|-------------|-------------|
|             |   | July 1975            | Aug. 1975 | June 1976 | July 1976 P | Aug. 1976 P | July 1975              | Aug. 1975 | June 1976 | July 1976 P | Aug. 1976 P |
|             | <b>NONDURABLE GOODS—Continued</b>   |                      |           |           |             |             |                        |           |           |             |             |
| 27          | <b>PRINTING AND PUBLISHING</b> .....  | 36.7                 | 37.2      | 37.5      | 37.6        | 37.7        | 2.1                    | 2.4       | 2.4       | 2.4         | —           |
| 271         | Newspapers .....  | 34.4                 | 34.5      | 34.5      | 34.4        | 34.6        | 1.7                    | 1.8       | 1.7       | 1.5         | —           |
| 272         | Periodicals .....   | 38.9                 | 38.9      | 37.4      | 37.1        | —           | 2.4                    | 2.9       | 2.2       | 1.7         | —           |
| 273         | Books .....   | 36.8                 | 37.5      | 38.4      | 38.9        | —           | 1.7                    | 2.6       | 2.3       | 2.3         | —           |
| 275         | Commercial printing .....   | 37.7                 | 38.4      | 38.6      | 38.7        | (*)         | 2.5                    | 3.0       | 2.9       | 2.9         | —           |
| 2751        | Commercial printing, except lithographic .....  | 37.4                 | 38.1      | 38.5      | 38.8        | —           | 2.5                    | 2.9       | 3.0       | 2.9         | —           |
| 2752        | Commercial printing, lithographic .....   | 38.1                 | 38.8      | 38.4      | 38.5        | —           | 2.7                    | 3.3       | 2.8       | 2.9         | —           |
| 278         | Blankbooks and bookbinding .....  | 37.7                 | 38.3      | 39.1      | 39.3        | (*)         | 1.5                    | 1.5       | 2.2       | 2.4         | —           |
| 274,8,7,9   | Other publishing and printing ind. ....   | 37.2                 | 37.7      | 38.7      | 38.8        | (*)         | 2.0                    | 2.1       | 2.4       | 2.9         | —           |
| 28          | <b>CHEMICALS AND ALLIED PRODUCTS</b> .....  | 40.8                 | 40.9      | 41.6      | 41.4        | 41.1        | 2.9                    | 2.9       | 3.3       | 3.3         | —           |
| 281         | Industrial chemicals .....  | 41.0                 | 41.1      | 42.1      | 42.1        | (*)         | 3.1                    | 3.1       | 3.8       | 3.8         | —           |
| 2812        | Alkalies and chlorine .....   | 42.9                 | 43.6      | 43.0      | 43.3        | —           | —                      | —         | —         | —           | —           |
| 2818        | Industrial organic chemicals, nec .....   | 41.0                 | 41.3      | 42.5      | 42.5        | —           | 2.7                    | 2.9       | 3.7       | 3.8         | —           |
| 2819        | Industrial inorganic chemicals, nec. ....   | 40.5                 | 40.3      | 41.2      | 41.3        | —           | 3.2                    | 2.9       | 3.6       | 3.6         | —           |
| 282         | Plastics materials and synthetics .....   | 41.0                 | 41.3      | 41.6      | 41.4        | (*)         | 2.8                    | 3.0       | 2.9       | 3.1         | —           |
| 2821        | Plastics materials and resins .....   | 41.4                 | 42.5      | 43.7      | 43.1        | —           | 3.7                    | 4.4       | 4.6       | 4.8         | —           |
| 2823,4      | Synthetic fibers .....  | 40.7                 | 40.7      | 40.1      | 40.1        | —           | 2.2                    | 2.2       | 1.7       | 1.8         | —           |
| 283         | Drugs .....   | 40.2                 | 40.2      | 41.1      | 41.2        | (*)         | 2.2                    | 2.1       | 2.8       | 2.9         | —           |
| 2834        | Pharmaceutical preparations .....   | 40.1                 | 40.1      | 41.0      | 41.2        | —           | —                      | —         | —         | —           | —           |
| 284         | Soap, cleaners, and toilet goods .....  | 40.7                 | 40.3      | 40.6      | 40.6        | (*)         | 2.7                    | 2.6       | 2.9       | 2.9         | —           |
| 2841        | Soap and other detergents .....   | 42.9                 | 42.1      | 42.1      | 42.7        | —           | —                      | —         | —         | —           | —           |
| 2844        | Toilet preparations .....   | 39.2                 | 39.1      | 39.6      | 39.1        | —           | —                      | —         | —         | —           | —           |
| 285         | Paints and allied products .....  | 41.0                 | 40.4      | 41.8      | 41.5        | (*)         | 3.2                    | 2.7       | 3.8       | 3.5         | —           |
| 287         | Agricultural chemicals .....  | 41.6                 | 42.6      | 42.2      | 41.9        | (*)         | 3.9                    | 4.7       | 3.9       | 3.5         | —           |
| 2871,2      | Fertilizers, complete and mixing only .....   | 41.3                 | 42.3      | 42.4      | 41.6        | —           | —                      | —         | —         | —           | —           |
| 286,9       | Other chemical products .....   | 40.0                 | 40.4      | 41.2      | 40.5        | (*)         | 2.7                    | 2.8       | 3.0       | 2.9         | —           |
| 2892        | Explosives .....  | 39.4                 | 39.1      | 41.1      | 40.5        | —           | —                      | —         | —         | —           | —           |
| 29          | <b>PETROLEUM AND COAL PRODUCTS</b> .....  | 41.8                 | 41.0      | 42.2      | 42.6        | 42.2        | 3.5                    | 2.9       | 3.7       | 3.8         | —           |
| 291         | Petroleum refining .....  | 41.0                 | 40.0      | 41.7      | 42.0        | 41.6        | 2.5                    | 1.8       | 2.9       | 3.1         | —           |
| 295,9       | Other petroleum and coal products .....   | 44.4                 | 44.0      | 43.7      | 44.1        | 43.8        | 6.6                    | 6.1       | 5.9       | 5.9         | —           |
| 30          | <b>RUBBER AND PLASTICS PRODUCTS, NEC</b> .....  | 39.6                 | 40.1      | 40.5      | 39.8        | 39.8        | 2.8                    | 3.1       | 3.4       | 3.1         | —           |
| 301         | Tires and inner tubes .....   | 42.3                 | 42.3      | 43.9      | 42.5        | (*)         | 4.7                    | 5.0       | 4.7       | 4.3         | —           |
| 302,3,6     | Other rubber products .....   | 38.2                 | 39.1      | 40.4      | 39.6        | (*)         | 1.5                    | 2.3       | 3.4       | 3.0         | —           |
| 302         | Rubber footwear .....   | 36.8                 | 37.1      | 36.4      | 36.9        | —           | .2                     | 1.4       | .4        | 1.0         | —           |
| 307         | Miscellaneous plastics products .....   | 39.3                 | 39.9      | 40.2      | 39.7        | 39.5        | 2.8                    | 2.8       | 3.2       | 3.0         | —           |
| 31          | <b>LEATHER AND LEATHER PRODUCTS</b> .....   | 38.2                 | 38.2      | 37.8      | 37.5        | 36.7        | 2.1                    | 2.1       | 2.0       | 1.7         | —           |
| 311         | Leather tanning and finishing .....   | 39.3                 | 40.3      | 39.1      | 38.3        | 39.0        | 2.9                    | 3.9       | 2.9       | 2.4         | —           |
| 314         | Footwear, except rubber .....   | 38.5                 | 38.1      | 37.8      | 37.8        | (*)         | 2.2                    | 1.9       | 1.8       | 1.6         | —           |
| 312,3,5-7,9 | Other leather products .....  | 36.9                 | 37.9      | 37.5      | 36.4        | (*)         | 1.7                    | 2.1       | 2.1       | 1.6         | —           |
| 316         | Luggage .....   | 36.0                 | 37.2      | 36.3      | 35.6        | —           | 1.3                    | 1.9       | 1.8       | 1.2         | —           |
| 317         | Handbags and personal leather goods .....   | 38.3                 | 39.2      | 37.8      | 36.8        | —           | 2.5                    | 2.8       | 2.4       | 2.0         | —           |
| —           | <b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....  | 39.9                 | 39.9      | 40.0      | 40.3        | 40.2        | —                      | —         | —         | —           | —           |
| 4011        | <b>RAILROAD TRANSPORTATION:</b><br>Class I railroads <sup>2</sup> .....                   | 43.9                 | 41.8      | (*)       | (*)         | —           | —                      | —         | —         | —           | —           |
| 411         | <b>LOCAL AND INTERURBAN PASSENGER TRANSIT:</b><br>Local and suburban transportation ..... | 41.2                 | 40.8      | 40.3      | 41.0        | —           | —                      | —         | —         | —           | —           |
| 413         | Intercity highway transportation .....  | 40.0                 | 40.0      | 38.3      | 40.7        | —           | —                      | —         | —         | —           | —           |
| 42          | <b>TRUCKING AND WAREHOUSING</b> .....   | 40.1                 | 40.8      | 40.6      | 40.9        | —           | —                      | —         | —         | —           | —           |
| 421,3       | Trucking and trucking terminals .....   | 40.1                 | 40.9      | 40.7      | 41.0        | —           | —                      | —         | —         | —           | —           |
| 422         | Public warehousing .....  | 40.2                 | 39.7      | 39.0      | 39.2        | —           | —                      | —         | —         | —           | —           |
| 46          | <b>PIPE LINE TRANSPORTATION</b> .....   | 41.2                 | 41.6      | 41.1      | 41.8        | —           | —                      | —         | —         | —           | —           |
| 48          | <b>COMMUNICATION</b> .....  | 39.1                 | 38.9      | 38.7      | 39.4        | —           | —                      | —         | —         | —           | —           |
| 481         | Telephone communication .....   | 39.0                 | 38.8      | 38.5      | 39.4        | —           | —                      | —         | —         | —           | —           |
| 4817        | Switchboard operating employees <sup>3</sup> .....  | 34.6                 | 34.4      | 33.6      | 34.9        | —           | —                      | —         | —         | —           | —           |
| 4818        | Line construction employees <sup>4</sup> .....  | 43.7                 | 43.4      | 42.1      | 43.1        | —           | —                      | —         | —         | —           | —           |
| 482         | Telegraph communication <sup>5</sup> .....  | 41.4                 | 42.4      | (*)       | (*)         | —           | —                      | —         | —         | —           | —           |
| 483         | Radio and television broadcasting .....   | 39.3                 | 39.1      | 39.1      | 39.3        | —           | —                      | —         | —         | —           | —           |

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 |           |           |                        |                        |
|----------|--|-------------------------|-----------|-----------|------------------------|------------------------|-------------------------|-----------|-----------|------------------------|------------------------|
|          |  | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> |
| -        | <b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>   |                         |           |           |                        |                        |                         |           |           |                        |                        |
| 49       | <b>ELECTRIC, GAS, AND SANITARY SERVICES</b>            |                         |           |           |                        |                        |                         |           |           |                        |                        |
|          | Electric companies and systems                         | \$245.18                | \$249.23  | \$269.51  | \$272.17               | -                      | \$5.98                  | \$6.02    | \$6.51    | \$6.59                 | -                      |
| 491      | Gas companies and systems                              | 250.91                  | 253.37    | 268.45    | 275.64                 | -                      | 6.09                    | 6.12      | 6.50      | 6.61                   | -                      |
| 492      | Combination companies and systems                      | 214.89                  | 224.95    | 244.22    | 245.84                 | -                      | 5.51                    | 5.50      | 6.03      | 6.07                   | -                      |
| 493      | Water, steam, and sanitary systems                     | 275.52                  | 277.89    | 309.01    | 308.43                 | -                      | 6.56                    | 6.68      | 7.34      | 7.45                   | -                      |
| 494-7    |  | 204.82                  | 207.97    | 218.40    | 217.65                 | -                      | 4.90                    | 4.94      | 5.25      | 5.27                   | -                      |
| -        | <b>WHOLESALE AND RETAIL TRADE</b>                      | 128.69                  | 130.10    | 134.24    | 136.97                 | \$136.62               | 3.73                    | 3.76      | 3.96      | 3.97                   | \$3.96                 |
| 50       | <b>WHOLESALE TRADE</b>                                 | 188.86                  | 190.79    | 199.95    | 203.18                 | 203.18                 | 4.88                    | 4.93      | 5.14      | 5.17                   | 5.17                   |
| 501      | Motor vehicles and automotive equipment                | 173.84                  | 174.15    | 184.80    | 182.49                 | -                      | 4.39                    | 4.42      | 4.62      | 4.62                   | -                      |
| 502      | Drugs, chemicals, and allied products                  | 191.14                  | 193.91    | 200.91    | 202.22                 | -                      | 5.07                    | 5.13      | 5.43      | 5.51                   | -                      |
| 503      | Dry goods and apparel                                  | 154.07                  | 158.12    | 172.59    | 174.91                 | -                      | 4.34                    | 4.38      | 4.69      | 4.74                   | -                      |
| 504      | Groceries and related products                         | 186.84                  | 184.60    | 194.43    | 201.10                 | -                      | 4.73                    | 4.77      | 5.05      | 5.04                   | -                      |
| 506      | Electrical goods                                       | 198.97                  | 204.85    | 219.23    | 222.46                 | -                      | 5.05                    | 5.16      | 5.44      | 5.52                   | -                      |
| 507      | Hardware; plumbing and heating equipment               | 177.33                  | 179.80    | 191.00    | 191.49                 | -                      | 4.63                    | 4.67      | 4.91      | 4.91                   | -                      |
| 508      | Machinery, equipment, and supplies                     | 208.28                  | 210.94    | 219.05    | 221.35                 | -                      | 5.22                    | 5.30      | 5.49      | 5.52                   | -                      |
| 509      | Miscellaneous wholesalers                              | 186.38                  | 188.12    | 197.63    | 199.95                 | -                      | 4.97                    | 4.99      | 5.16      | 5.18                   | -                      |
| 52-59    | <b>RETAIL TRADE</b>                                    | 110.89                  | 111.89    | 114.37    | 117.15                 | 116.16                 | 3.33                    | 3.35      | 3.53      | 3.55                   | 3.52                   |
| 53       | Retail general merchandise                             | 104.32                  | 103.68    | 106.67    | 110.06                 | -                      | 3.26                    | 3.25      | 3.43      | 3.45                   | -                      |
| 531      | Department stores                                      | 107.10                  | 106.45    | 109.29    | 112.46                 | -                      | 3.40                    | 3.39      | 3.56      | 3.57                   | -                      |
| 532      | Mail order houses                                      | 137.69                  | 142.00    | 142.80    | 144.33                 | -                      | 4.11                    | 4.14      | 4.25      | 4.27                   | -                      |
| 533      | Variety stores   | 83.52                   | 82.95     | 85.79     | 88.68                  | -                      | 2.66                    | 2.65      | 2.85      | 2.87                   | -                      |
| 54       | Food stores  | 133.85                  | 132.78    | 142.33    | 146.35                 | -                      | 3.96                    | 3.94      | 4.30      | 4.33                   | -                      |
| 541-3    | Grocery, meat, and vegetable stores                    | 137.76                  | 136.68    | 146.96    | 151.06                 | -                      | 4.04                    | 4.02      | 4.40      | 4.43                   | -                      |
| 56       | Apparel and accessory stores                           | 93.93                   | 93.60     | 97.60     | 99.52                  | -                      | 3.03                    | 3.00      | 3.20      | 3.20                   | -                      |
| 561      | Men's and boys' clothing and furnishings               | 119.46                  | 115.85    | 123.44    | 127.40                 | -                      | 3.62                    | 3.50      | 3.81      | 3.92                   | -                      |
| 562      | Women's ready-to-wear stores                           | 84.46                   | 83.05     | 87.02     | 87.88                  | -                      | 2.76                    | 2.75      | 2.92      | 2.91                   | -                      |
| 565      | Family clothing stores                                 | 93.56                   | 93.89     | 94.86     | 97.94                  | -                      | 2.97                    | 2.99      | 3.06      | 3.08                   | -                      |
| 566      | Shoe stores  | 89.06                   | 94.56     | 97.28     | 97.92                  | -                      | 3.05                    | 3.07      | 3.32      | 3.20                   | -                      |
| 57       | Furniture and home furnishings stores                  | 145.04                  | 147.63    | 150.65    | 152.15                 | -                      | 3.92                    | 3.99      | 4.15      | 4.18                   | -                      |
| 571      | Furniture and home furnishings                         | 147.29                  | 149.92    | 154.76    | 155.06                 | -                      | 3.97                    | 4.03      | 4.24      | 4.26                   | -                      |
| 58       | Eating and drinking places <sup>b</sup>                | 74.80                   | 75.25     | 72.73     | 74.82                  | -                      | 2.51                    | 2.50      | 2.57      | 2.58                   | -                      |
| 52,55,59 | Other retail trade                                     | 137.64                  | 141.75    | 144.26    | 146.96                 | -                      | 3.69                    | 3.79      | 3.92      | 3.94                   | -                      |
| 52       | Building materials and farm equipment                  | 150.44                  | 151.24    | 161.20    | 162.41                 | -                      | 3.78                    | 3.80      | 4.00      | 4.01                   | -                      |
| 551,2    | Motor vehicle dealers                                  | 182.22                  | 199.40    | 195.23    | 197.60                 | -                      | 4.59                    | 5.01      | 4.93      | 4.99                   | -                      |
| 553,9    | Other automotive and accessory dealers                 | 150.78                  | 153.47    | 158.80    | 163.21                 | -                      | 3.76                    | 3.78      | 4.00      | 4.07                   | -                      |
| 591      | Drug stores and proprietary stores                     | 101.76                  | 103.04    | 105.77    | 109.80                 | -                      | 3.19                    | 3.23      | 3.39      | 3.41                   | -                      |
| 594      | Book and stationery stores                             | 119.69                  | 119.01    | 119.95    | 122.45                 | -                      | 3.51                    | 3.49      | 3.57      | 3.57                   | -                      |
| 598      | Fuel and ice dealers                                   | 167.11                  | 171.17    | 174.10    | 175.78                 | -                      | 4.22                    | 4.29      | 4.43      | 4.45                   | -                      |
|          | <b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b> | 150.33                  | 151.06    | 158.84    | 160.01                 | 162.80                 | 4.13                    | 4.15      | 4.34      | 4.36                   | 4.40                   |
| 60       | Banking  | 128.15                  | 128.51    | 134.32    | 135.79                 | -                      | 3.54                    | 3.55      | 3.67      | 3.71                   | -                      |
| 61       | Credit agencies other than banks                       | 138.00                  | 139.13    | 143.23    | 145.50                 | -                      | 3.68                    | 3.72      | 3.84      | 3.88                   | -                      |
| 612      | Savings and loan associations                          | 135.42                  | 135.42    | 139.08    | 141.30                 | -                      | 3.65                    | 3.65      | 3.80      | 3.85                   | -                      |
| 62       | Security, commodity brokers and services               | 269.56                  | 268.09    | 285.72    | (*)                    | -                      | 7.15                    | 7.13      | 7.46      | (*)                    | -                      |
| 63       | Insurance carriers                                     | 159.04                  | 158.98    | 168.14    | 168.60                 | -                      | 4.31                    | 4.32      | 4.52      | 4.52                   | -                      |
| 631      | Life insurance   | 158.61                  | 158.54    | 164.42    | 166.28                 | -                      | 4.31                    | 4.32      | 4.48      | 4.47                   | -                      |
| 632      | Accident and health insurance                          | 144.84                  | 147.50    | 160.23    | 161.78                 | -                      | 3.99                    | 4.03      | 4.25      | 4.28                   | -                      |
| 633      | Fire, marine, and casualty insurance                   | 163.37                  | 162.36    | 172.04    | 172.41                 | -                      | 4.38                    | 4.40      | 4.60      | 4.61                   | -                      |

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

| SIC Code | Industry   | Average weekly hours |           |           |                        |                        | Average overtime hours |           |           |                        |                        |
|----------|--|----------------------|-----------|-----------|------------------------|------------------------|------------------------|-----------|-----------|------------------------|------------------------|
|          |  | July 1975            | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> | July 1975              | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> |
| —        | <b>TRANSPORTATION AND PUBLIC UTILITIES—Continued</b>   |                      |           |           |                        |                        |                        |           |           |                        |                        |
| 49       | <b>ELECTRIC, GAS, AND SANITARY SERVICES</b>            |                      |           |           |                        |                        |                        |           |           |                        |                        |
|          | Electric companies and systems .....                   | 41.0                 | 41.4      | 41.4      | 41.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 491      | Gas companies and systems .....                        | 41.2                 | 41.4      | 41.3      | 41.7                   | —                      | —                      | —         | —         | —                      | —                      |
| 492      | Gas companies and systems .....                        | 39.0                 | 40.9      | 40.5      | 40.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 493      | Combination companies and systems .....                | 42.0                 | 41.6      | 42.1      | 41.4                   | —                      | —                      | —         | —         | —                      | —                      |
| 494-7    | Water, steam, and sanitary systems .....               | 41.8                 | 42.1      | 41.6      | 41.3                   | —                      | —                      | —         | —         | —                      | —                      |
| —        | <b>WHOLESALE AND RETAIL TRADE</b>                      | 34.5                 | 34.6      | 33.9      | 34.5                   | 34.5                   | —                      | —         | —         | —                      | —                      |
| 50       | <b>WHOLESALE TRADE</b>                                 | 38.7                 | 38.7      | 38.9      | 38.3                   | 39.3                   | —                      | —         | —         | —                      | —                      |
| 501      | Motor vehicles and automotive equipment ..             | 39.6                 | 39.4      | 40.0      | 39.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 502      | Drugs, chemicals, and allied products .....            | 37.7                 | 37.8      | 37.0      | 36.7                   | —                      | —                      | —         | —         | —                      | —                      |
| 503      | Dry goods and apparel .....                            | 35.5                 | 36.1      | 36.8      | 36.9                   | —                      | —                      | —         | —         | —                      | —                      |
| 504      | Groceries and related products .....                   | 39.5                 | 38.7      | 38.5      | 39.9                   | —                      | —                      | —         | —         | —                      | —                      |
| 506      | Electrical goods .....                                 | 39.4                 | 39.7      | 40.3      | 40.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 507      | Hardware; plumbing and heating equipment ..            | 38.3                 | 38.5      | 38.9      | 39.0                   | —                      | —                      | —         | —         | —                      | —                      |
| 508      | Machinery, equipment, and supplies .....               | 39.9                 | 39.8      | 39.9      | 40.1                   | —                      | —                      | —         | —         | —                      | —                      |
| 509      | Miscellaneous wholesalers .....                        | 37.5                 | 37.7      | 38.3      | 38.6                   | —                      | —                      | —         | —         | —                      | —                      |
| 52-59    | <b>RETAIL TRADE</b>                                    | 33.3                 | 33.4      | 32.4      | 33.0                   | 33.0                   | —                      | —         | —         | —                      | —                      |
| 53       | Retail general merchandise .....                       | 32.0                 | 31.9      | 31.1      | 31.9                   | —                      | —                      | —         | —         | —                      | —                      |
| 531      | Department stores .....                                | 31.5                 | 31.4      | 30.7      | 31.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 532      | Mail order houses .....                                | 33.5                 | 34.3      | 33.6      | 33.8                   | —                      | —                      | —         | —         | —                      | —                      |
| 533      | Variety stores .....                                   | 31.4                 | 31.3      | 30.1      | 30.9                   | —                      | —                      | —         | —         | —                      | —                      |
| 54       | Food stores .....                                      | 33.8                 | 33.7      | 33.1      | 33.8                   | —                      | —                      | —         | —         | —                      | —                      |
| 541-3    | Grocery, meat, and vegetable stores .....              | 34.1                 | 34.0      | 33.4      | 34.1                   | —                      | —                      | —         | —         | —                      | —                      |
| 56       | Apparel and accessory stores .....                     | 31.0                 | 31.2      | 30.5      | 31.1                   | —                      | —                      | —         | —         | —                      | —                      |
| 561      | Men's and boys' clothing and furnishings ..            | 33.0                 | 33.1      | 32.4      | 32.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 562      | Women's ready-to-wear stores .....                     | 30.6                 | 30.2      | 29.8      | 30.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 565      | Family clothing stores .....                           | 31.5                 | 31.4      | 31.0      | 31.8                   | —                      | —                      | —         | —         | —                      | —                      |
| 566      | Shoe stores .....                                      | 29.2                 | 30.8      | 29.3      | 30.6                   | —                      | —                      | —         | —         | —                      | —                      |
| 57       | Furniture and home furnishings stores .....            | 37.0                 | 37.0      | 36.3      | 36.4                   | —                      | —                      | —         | —         | —                      | —                      |
| 571      | Furniture and home furnishings .....                   | 37.1                 | 37.2      | 36.5      | 36.4                   | —                      | —                      | —         | —         | —                      | —                      |
| 58       | Eating and drinking places <sup>6</sup> .....          | 29.8                 | 30.1      | 28.3      | 29.0                   | —                      | —                      | —         | —         | —                      | —                      |
| 52,55,59 | Other retail trade .....                               | 37.3                 | 37.4      | 36.8      | 37.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 52       | Building materials and farm equipment .....            | 39.8                 | 39.8      | 40.3      | 40.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 551,2    | Motor vehicle dealers .....                            | 39.7                 | 39.8      | 39.6      | 39.6                   | —                      | —                      | —         | —         | —                      | —                      |
| 553,9    | Other automotive and accessory dealers ..              | 40.1                 | 40.6      | 39.7      | 40.1                   | —                      | —                      | —         | —         | —                      | —                      |
| 591      | Drug stores and proprietary stores .....               | 31.9                 | 31.9      | 31.2      | 32.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 594      | Book and stationery stores .....                       | 34.1                 | 34.1      | 33.6      | 34.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 598      | Fuel and ice dealers .....                             | 39.6                 | 39.9      | 39.3      | 39.5                   | —                      | —                      | —         | —         | —                      | —                      |
|          | <b>FINANCE, INSURANCE, AND REAL ESTATE<sup>7</sup></b> | 36.4                 | 36.4      | 36.6      | 36.7                   | 37.0                   | —                      | —         | —         | —                      | —                      |
| 60       | Banking .....  | 36.2                 | 36.2      | 36.6      | 36.6                   | —                      | —                      | —         | —         | —                      | —                      |
| 61       | Credit agencies other than banks .....                 | 37.5                 | 37.4      | 37.3      | 37.5                   | —                      | —                      | —         | —         | —                      | —                      |
| 612      | Savings and loan associations .....                    | 37.1                 | 37.1      | 36.6      | 36.7                   | —                      | —                      | —         | —         | —                      | —                      |
| 62       | Security, commodity brokers and services ..            | 37.7                 | 37.6      | 38.3      | (*)                    | —                      | —                      | —         | —         | —                      | —                      |
| 63       | Insurance carriers .....                               | 36.9                 | 36.8      | 37.2      | 37.3                   | —                      | —                      | —         | —         | —                      | —                      |
| 631      | Life insurance .....                                   | 36.8                 | 36.7      | 36.7      | 37.2                   | —                      | —                      | —         | —         | —                      | —                      |
| 632      | Accident and health insurance .....                    | 36.3                 | 36.6      | 37.7      | 37.8                   | —                      | —                      | —         | —         | —                      | —                      |
| 633      | Fire, marine, and casualty insurance .....             | 37.3                 | 36.9      | 37.4      | 37.4                   | —                      | —                      | —         | —         | —                      | —                      |

See footnotes at end of table.

# ESTABLISHMENT DATA HOURS AND EARNINGS

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

| SIC Code | Industry  | Average weekly earnings |           |           |                        |                        | Average hourly earnings |           |           |                        |                        |
|----------|---|-------------------------|-----------|-----------|------------------------|------------------------|-------------------------|-----------|-----------|------------------------|------------------------|
|          |   | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> | July 1975               | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> |
| -        | <b>SERVICES</b> .....                                 | \$ 138.23               | \$ 138.23 | \$ 145.82 | \$ 146.88              | \$ 147.47              | \$ 4.03                 | \$ 4.03   | \$ 4.34   | \$ 4.32                | \$ 4.35                |
|          | Hotels and other lodging places:                      |                         |           |           |                        |                        |                         |           |           |                        |                        |
|          | Hotels, tourist courts, and motels <sup>6</sup> ..... | 89.65                   | 90.48     | 96.04     | 98.70                  | -                      | 2.75                    | 2.75      | 3.02      | 3.00                   | -                      |
|          | Personal services:                                    |                         |           |           |                        |                        |                         |           |           |                        |                        |
| 721      | Laundries and dry cleaning plants .....               | 106.96                  | 107.26    | 114.75    | 115.73                 | -                      | 3.03                    | 3.03      | 3.26      | 3.26                   | -                      |
| 722      | Photographic studios .....                            | 101.12                  | 102.08    | 116.88    | 116.94                 | -                      | 3.17                    | 3.18      | 3.51      | 3.47                   | -                      |
|          | Motion pictures:                                      |                         |           |           |                        |                        |                         |           |           |                        |                        |
| 781      | Motion picture filming and distributing ...           | 257.67                  | 265.47    | 267.49    | 277.47                 | -                      | 6.59                    | 6.67      | 6.54      | 6.67                   | -                      |
| 806      | Hospitals .....                                       | 132.55                  | 132.52    | 144.14    | 147.48                 | -                      | 3.82                    | 3.83      | 4.19      | 4.25                   | -                      |

<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.

<sup>p</sup> preliminary.

## ESTABLISHMENT DATA HOURS AND EARNINGS

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

| SIC Code | Industry  | Average weekly hours |           |           |                        |                        | Average overtime hours |           |           |                        |                        |
|----------|---|----------------------|-----------|-----------|------------------------|------------------------|------------------------|-----------|-----------|------------------------|------------------------|
|          |   | July 1975            | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> | July 1975              | Aug. 1975 | June 1976 | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> |
| —        | <b>SERVICES</b> .....   | 34.3                 | 34.3      | 33.6      | 34.0                   | 33.9                   | —                      | —         | —         | —                      | —                      |
| 701      | Hotels and other lodging places:<br>Hotels, tourist courts, and motels <sup>6</sup> ..... | 32.6                 | 32.9      | 31.8      | 32.9                   | —                      | —                      | —         | —         | —                      | —                      |
| 721      | Personal services:  |                      |           |           |                        |                        |                        |           |           |                        |                        |
| 722      | Laundries and dry cleaning plants .....   | 35.3                 | 35.4      | 35.2      | 35.5                   | —                      | —                      | —         | —         | —                      |                        |
|          | Photographic studios .....  | 31.9                 | 32.1      | 33.3      | 33.7                   | —                      | —                      | —         | —         | —                      |                        |
| 781      | Motion pictures:  |                      |           |           |                        |                        |                        |           |           |                        |                        |
|          | Motion picture filming and distributing .....   | 39.1                 | 39.8      | 40.9      | 41.6                   | —                      | —                      | —         | —         | —                      |                        |
| 806      | Hospitals .....   | 34.7                 | 34.6      | 34.4      | 34.7                   | —                      | —                      | —         | —         | —                      |                        |

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

\* = Not available.

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

| Major industry group                             | Average hourly earnings excluding overtime <sup>1</sup> |                  |                  |                        |                        |
|--|---|------------------|------------------|------------------------|------------------------|
|  | July 1975   | Aug. 1975        | June 1976        | July 1976 <sup>p</sup> | Aug. 1976 <sup>p</sup> |
| <b>MANUFACTURING</b> . . . . .                   | \$4.65  | \$4.65           | \$4.96           | \$5.00                 | \$5.01                 |
| <b>DURABLE GOODS</b> . . . . .                   | 4.98  | 5.00             | 5.31             | 5.34                   | 5.36                   |
| Ordnance and accessories . . . . .               | 5.08  | 5.11             | 5.46             | 5.55                   | -                      |
| Lumber and wood products . . . . .               | 4.15  | 4.21             | 4.56             | 4.61                   | -                      |
| Furniture and fixtures . . . . .                 | 3.67  | 3.67             | 3.85             | 3.88                   | -                      |
| Stone, clay, and glass products . . . . .        | 4.71  | 4.72             | 5.04             | 5.08                   | -                      |
| Primary metal industries . . . . .               | 5.93  | 6.09             | 6.48             | 6.54                   | -                      |
| Fabricated metal products . . . . .              | 4.89  | 4.93             | 5.21             | 5.21                   | -                      |
| Machinery, except electrical . . . . .           | 5.17  | 5.21             | 5.51             | 5.53                   | -                      |
| Electrical equipment and supplies . . . . .      | 4.52  | 4.49             | 4.70             | 4.76                   | -                      |
| Transportation equipment . . . . .               | 5.78  | 5.80             | 6.18             | 6.17                   | -                      |
| Instruments and related products . . . . .       | 4.47  | 4.47             | 4.68             | 4.74                   | -                      |
| Miscellaneous manufacturing industries . . . . . | 3.72  | 3.70             | 3.90             | 3.94                   | -                      |
| <b>NONDURABLE GOODS</b> . . . . .                | 4.21  | 4.20             | 4.45             | 4.51                   | 4.51                   |
| Food and kindred products . . . . .              | 4.33  | 4.35             | 4.70             | 4.70                   | -                      |
| Tobacco manufactures . . . . .                   | 4.51  | 4.21             | 5.13             | 4.92                   | -                      |
| Textile mill products . . . . .                  | 3.22  | 3.23             | 3.44             | 3.58                   | -                      |
| Apparel and other textile products . . . . .     | 3.12  | 3.11             | 3.34             | 3.34                   | -                      |
| Paper and allied products . . . . .              | 4.80  | 4.84             | 5.10             | 5.18                   | -                      |
| Printing and publishing . . . . .                | ( <sup>2</sup> )  | ( <sup>2</sup> ) | ( <sup>2</sup> ) | ( <sup>2</sup> )       | -                      |
| Chemicals and allied products . . . . .          | 5.23  | 5.25             | 5.61             | 5.68                   | -                      |
| Petroleum and coal products . . . . .            | 6.25  | 6.32             | 6.81             | 6.81                   | -                      |
| Rubber and plastics products, nec . . . . .      | 4.27  | 4.23             | 4.20             | 4.23                   | -                      |
| Leather and leather products . . . . .           | 3.13  | 3.12             | 3.34             | 3.33                   | -                      |

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

<sup>p</sup> = 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.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

| Industry  | Gross average weekly earnings |              |                           | Spendable average weekly earnings   |              |                           |                              |              |                           |
|---|-------------------------------|--------------|---------------------------|---|--------------|---------------------------|------------------------------|--------------|---------------------------|
|   |                               |              |                           | Worker with no dependents   |              |                           | Worker with three dependents |              |                           |
|   | July<br>1975                  | June<br>1976 | July<br>1976 <sup>P</sup> | July<br>1975  | June<br>1976 | July<br>1976 <sup>P</sup> | July<br>1975                 | June<br>1976 | July<br>1976 <sup>P</sup> |
| <b>TOTAL PRIVATE:</b>                                     |                               |              |                           |   |              |                           |                              |              |                           |
| Current dollars .....                                     | \$164.89                      | \$176.18     | \$177.88                  | \$134.43  | \$143.82     | \$145.05                  | \$148.89                     | \$156.42     | \$157.70                  |
| 1967 dollars .....  | 101.60                        | 103.57       | 103.96                    | 82.83   | 84.55        | 84.77                     | 91.74                        | 91.96        | 92.17                     |
| <b>MINING:</b>  |                               |              |                           |   |              |                           |                              |              |                           |
| Current dollars .....                                     | 248.72                        | 270.50       | 273.91                    | 194.61  | 212.42       | 214.85                    | 211.85                       | 228.08       | 230.72                    |
| 1967 dollars .....  | 153.25                        | 159.02       | 160.09                    | 119.91  | 124.88       | 125.57                    | 130.53                       | 134.09       | 134.85                    |
| <b>CONTRACT CONSTRUCTION:</b>                             |                               |              |                           |   |              |                           |                              |              |                           |
| Current dollars .....                                     | 270.05                        | 288.04       | 291.07                    | 210.15  | 224.95       | 227.00                    | 228.34                       | 241.42       | 243.71                    |
| 1967 dollars .....  | 166.39                        | 169.34       | 170.12                    | 129.48  | 132.25       | 132.67                    | 140.69                       | 141.93       | 142.44                    |
| <b>MANUFACTURING:</b>                                     |                               |              |                           |   |              |                           |                              |              |                           |
| Current dollars .....                                     | 188.55                        | 208.06       | 207.60                    | 150.63  | 166.89       | 166.55                    | 166.56                       | 180.38       | 180.03                    |
| 1967 dollars .....  | 116.17                        | 122.32       | 121.33                    | 92.81   | 98.11        | 97.34                     | 102.62                       | 106.04       | 105.22                    |
| <b>TRANSPORTATION AND PUBLIC UTILITIES:</b>               |                               |              |                           |   |              |                           |                              |              |                           |
| Current dollars .....                                     | 235.01                        | 256.80       | 259.94                    | 184.58  | 202.62       | 204.87                    | 201.12                       | 217.48       | 219.91                    |
| 1967 dollars .....  | 144.80                        | 150.97       | 151.92                    | 113.73  | 119.12       | 119.74                    | 123.92                       | 127.85       | 128.53                    |
| <b>WHOLESALE AND RETAIL TRADE:</b>                        |                               |              |                           |   |              |                           |                              |              |                           |
| Current dollars .....                                     | 128.69                        | 134.24       | 136.97                    | 107.99  | 112.72       | 114.77                    | 121.16                       | 125.81       | 127.69                    |
| 1967 dollars .....  | 79.29                         | 78.92        | 80.05                     | 66.54   | 66.27        | 67.08                     | 74.65                        | 73.96        | 74.63                     |
| <b>FINANCE, INSURANCE, AND REAL ESTATE:</b>               |                               |              |                           |   |              |                           |                              |              |                           |
| Current dollars .....                                     | 150.33                        | 158.84       | 160.01                    | 123.82  | 131.21       | 132.09                    | 138.10                       | 143.07       | 143.97                    |
| 1967 dollars .....  | 92.62                         | 93.38        | 93.52                     | 76.29   | 77.14        | 77.20                     | 85.09                        | 84.11        | 84.14                     |
| <b>SERVICES:</b>  |                               |              |                           |   |              |                           |                              |              |                           |
| Current dollars .....                                     | 138.23                        | 145.82       | 146.88                    | 114.97  | 121.42       | 122.22                    | 130.14                       | 133.72       | 134.44                    |
| 1967 dollars .....  | 85.17                         | 85.73        | 85.84                     | 70.84   | 71.38        | 71.43                     | 80.18                        | 78.61        | 78.57                     |
| <b>CONSUMER PRICE INDEX (All items, 1967 = 100) .....</b> | 162.3                         | 170.1        | 171.1                     | NOTE: The Consumer Price Index is an estimate of the average change in prices of goods and services purchased by urban wage earners and clerical workers. |              |                           |                              |              |                           |

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

p = preliminary (applicable to earnings data only).



# ESTABLISHMENT DATA HOURS AND EARNINGS

## 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                      | July<br>1975 | Aug.<br>1975 | June<br>1976 | July<br>1976 <sup>P</sup> | Aug.<br>1976 <sup>P</sup> |
|--|--------------|--------------|--------------|---------------------------|---------------------------|
|  | Hours        |              |              |                           |                           |
| <b>TOTAL</b> .....                               | 108.5        | 110.2        | 112.9        | 112.9                     | 113.7                     |
| <b>GOODS-PRODUCING</b> .....                     | 90.0         | 94.0         | 98.0         | 95.9                      | 97.6                      |
| <b>MINING</b> .....                              | 121.7        | 121.4        | 129.3        | 130.9                     | 114.5                     |
| <b>CONTRACT CONSTRUCTION</b> .....               | 106.1        | 110.7        | 104.1        | 106.6                     | 108.1                     |
| <b>MANUFACTURING</b> .....                       | 86.1         | 90.1         | 95.8         | 92.8                      | 95.1                      |
| <b>DURABLE GOODS</b> .....                       | 83.8         | 86.4         | 95.3         | 91.6                      | 93.3                      |
| Ordnance and accessories .....                   | 44.0         | 43.3         | 40.3         | 39.1                      | 38.8                      |
| Lumber and wood products .....                   | 89.5         | 93.3         | 101.9        | 101.0                     | 103.1                     |
| Furniture and fixtures .....                     | 86.0         | 95.2         | 104.4        | 99.4                      | 104.5                     |
| Stone, clay, and glass products .....            | 95.4         | 98.0         | 102.7        | 101.9                     | 102.0                     |
| Primary metal industries .....                   | 79.7         | 80.8         | 90.7         | 89.5                      | 89.6                      |
| Fabricated metal products .....                  | 85.2         | 91.0         | 99.9         | 95.6                      | 99.9                      |
| Machinery, except electrical .....               | 87.9         | 88.9         | 95.2         | 92.3                      | 93.5                      |
| Electrical equipment and supplies .....          | 79.5         | 83.4         | 92.5         | 88.6                      | 91.7                      |
| Transportation equipment .....                   | 80.7         | 80.2         | 94.6         | 86.5                      | 85.7                      |
| Instruments and related products .....           | 96.3         | 97.4         | 110.0        | 107.9                     | 109.7                     |
| Miscellaneous manufacturing .....                | 85.2         | 92.2         | 95.8         | 91.0                      | 94.4                      |
| <b>NONDURABLE GOODS</b> .....                    | 89.6         | 95.6         | 96.5         | 94.4                      | 97.9                      |
| Food and kindred products .....                  | 96.4         | 107.0        | 95.9         | 99.8                      | 107.8                     |
| Tobacco manufactures .....                       | 71.5         | 96.0         | 73.5         | 71.5                      | 87.9                      |
| Textile mill products .....                      | 86.9         | 93.9         | 100.4        | 95.5                      | 97.9                      |
| Apparel and other textile products .....         | 80.9         | 87.1         | 92.5         | 95.7                      | 90.0                      |
| Paper and allied products .....                  | 87.5         | 91.1         | 98.8         | 96.9                      | 98.5                      |
| Printing and publishing .....                    | 90.2         | 92.0         | 93.0         | 92.3                      | 93.2                      |
| Chemicals and allied products .....              | 93.2         | 95.0         | 99.9         | 99.4                      | 99.4                      |
| Petroleum and coal products .....                | 112.6        | 110.8        | 115.6        | 117.8                     | 116.3                     |
| Rubber and plastics products, nec .....          | 104.8        | 111.4        | 108.4        | 103.6                     | 106.5                     |
| Leather and leather products .....               | 70.3         | 74.5         | 80.0         | 74.5                      | 74.8                      |
| <b>SERVICE-PRODUCING</b> .....                   | 121.2        | 121.4        | 123.3        | 124.7                     | 124.9                     |
| <b>TRANSPORTATION AND PUBLIC UTILITIES</b> ..... | 102.5        | 102.3        | 103.2        | 103.9                     | 103.5                     |
| <b>WHOLESALE AND RETAIL TRADE</b> .....          | 117.3        | 117.6        | 118.7        | 120.5                     | 120.8                     |
| <b>WHOLESALE TRADE</b> .....                     | 112.3        | 112.2        | 115.1        | 116.5                     | 116.9                     |
| <b>RETAIL TRADE</b> .....                        | 119.2        | 119.6        | 120.0        | 122.0                     | 122.2                     |
| <b>FINANCE, INSURANCE, AND REAL ESTATE</b> ..... | 125.0        | 125.2        | 127.9        | 128.9                     | 129.9                     |
| <b>SERVICES</b> .....                            | 134.2        | 134.3        | 137.5        | 138.8                     | 139.0                     |

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

p = preliminary.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS**

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

[1967 = 100]

| Industry division and group                      | July<br>1975 | Aug.<br>1975 | June<br>1976 | July<br>1976 <sup>p</sup> | Aug.<br>1976 <sup>p</sup> |
|--|--------------|--------------|--------------|---------------------------|---------------------------|
|  | Payrolls     |              |              |                           |                           |
| <b>TOTAL</b> .....                               | 183.4        | 187.8        | 204.2        | 204.8                     | 206.7                     |
| <b>GOODS-PRODUCING</b> .....                     | 156.7        | 164.1        | 180.6        | 178.6                     | 181.8                     |
| <b>MINING</b> .....                              | 224.6        | 225.4        | 256.3        | 261.7                     | 223.0                     |
| <b>CONTRACT CONSTRUCTION</b> .....               | 186.9        | 196.8        | 192.4        | 198.9                     | 202.3                     |
| <b>MANUFACTURING</b> .....                       | 146.4        | 153.6        | 174.7        | 170.2                     | 175.0                     |
| <b>DURABLE GOODS</b> .....                       | 143.1        | 148.6        | 175.5        | 169.1                     | 173.1                     |
| Ordnance and accessories .....                   | 72.2         | 71.8         | 71.3         | 70.3                      | 70.0                      |
| Lumber and wood products .....                   | 163.2        | 173.1        | 205.3        | 205.7                     | 211.8                     |
| Furniture and fixtures .....                     | 138.1        | 154.6        | 177.7        | 169.6                     | 181.3                     |
| Stone, clay, and glass products .....            | 166.9        | 172.5        | 192.9        | 193.0                     | 193.5                     |
| Primary metal industries .....                   | 145.9        | 152.2        | 183.8        | 182.9                     | 185.5                     |
| Fabricated metal products .....                  | 144.2        | 156.0        | 182.3        | 174.1                     | 183.7                     |
| Machinery, except electrical .....               | 146.8        | 150.4        | 170.7        | 166.0                     | 169.9                     |
| Electrical equipment and supplies .....          | 132.3        | 138.3        | 161.4        | 155.9                     | 161.4                     |
| Transportation equipment .....                   | 140.8        | 140.2        | 179.4        | 163.3                     | 162.7                     |
| Instruments and related products .....           | 154.0        | 156.3        | 186.2        | 184.6                     | 187.7                     |
| Miscellaneous manufacturing .....                | 137.5        | 148.7        | 162.9        | 156.1                     | 162.0                     |
| <b>NONDURABLE GOODS</b> .....                    | 152.0        | 162.2        | 173.2        | 172.0                     | 178.1                     |
| Food and kindred products .....                  | 166.3        | 185.6        | 178.9        | 187.0                     | 200.2                     |
| Tobacco manufactures .....                       | 145.7        | 182.9        | 169.5        | 157.4                     | 186.0                     |
| Textile mill products .....                      | 141.1        | 154.0        | 175.1        | 172.5                     | 178.1                     |
| Apparel and other textile products .....         | 125.9        | 135.8        | 154.9        | 143.2                     | 151.4                     |
| Paper and allied products .....                  | 153.8        | 161.7        | 185.3        | 184.6                     | 189.0                     |
| Printing and publishing .....                    | 148.9        | 152.9        | 160.3        | 159.6                     | 161.8                     |
| Chemicals and allied products .....              | 162.6        | 166.6        | 187.8        | 189.3                     | 189.1                     |
| Petroleum and coal products .....                | 205.1        | 202.9        | 229.8        | 234.5                     | 231.2                     |
| Rubber and plastics products, nec .....          | 168.8        | 178.1        | 172.9        | 166.0                     | 171.1                     |
| Leather and leather products .....               | 109.4        | 115.7        | 132.7        | 122.9                     | 125.0                     |
| <b>SERVICE-PRODUCING</b> .....                   | 206.3        | 208.2        | 224.4        | 227.3                     | 228.1                     |
| <b>TRANSPORTATION AND PUBLIC UTILITIES</b> ..... | 186.9        | 191.3        | 204.6        | 207.2                     | 207.5                     |
| <b>WHOLESALE AND RETAIL TRADE</b> .....          | 195.1        | 197.2        | 209.2        | 213.3                     | 212.9                     |
| <b>WHOLESALE TRADE</b> .....                     | 190.5        | 192.3        | 205.7        | 209.2                     | 210.2                     |
| <b>RETAIL TRADE</b> .....                        | 197.5        | 199.8        | 211.1        | 215.5                     | 214.3                     |
| <b>FINANCE, INSURANCE, AND REAL ESTATE</b> ..... | 199.7        | 200.9        | 214.7        | 217.6                     | 221.5                     |
| <b>SERVICES</b> .....                            | 236.0        | 236.2        | 260.8        | 262.1                     | 264.0                     |

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

p = preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED HOURS**

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

| Industry   | 1975 |       |      |      |      | 1976 |      |      |      |      |      |        |        |
|--|------|-------|------|------|------|------|------|------|------|------|------|--------|--------|
|  | Aug. | Sept. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May  | June | July p | Aug. p |
| <b>TOTAL PRIVATE</b> .....                       | 36.2 | 36.1  | 36.2 | 36.3 | 36.4 | 36.5 | 36.4 | 36.2 | 36.1 | 36.2 | 36.1 | 36.2   | 36.2   |
| <b>MINING</b> .....                              | 41.8 | 42.1  | 42.7 | 42.9 | 42.8 | 43.0 | 43.1 | 42.8 | 42.6 | 42.5 | 42.3 | 42.8   | 39.8   |
| <b>CONTRACT CONSTRUCTION</b> .....               | 36.7 | 36.7  | 36.6 | 36.8 | 37.3 | 37.7 | 37.9 | 35.9 | 37.5 | 37.2 | 37.1 | 36.8   | 36.9   |
| <b>MANUFACTURING</b> .....                       | 39.7 | 39.8  | 39.8 | 39.9 | 40.3 | 40.5 | 40.3 | 40.2 | 39.4 | 40.2 | 40.2 | 40.2   | 39.9   |
| <i>Overtime hours</i> .....                      | 2.8  | 2.8   | 2.8  | 2.8  | 3.0  | 3.0  | 3.1  | 3.2  | 2.5  | 3.2  | 3.1  | 3.2    | 3.0    |
| <b>DURABLE GOODS</b> .....                       | 40.2 | 40.2  | 40.0 | 40.2 | 40.7 | 40.9 | 40.7 | 40.6 | 39.7 | 40.9 | 40.8 | 40.8   | 40.8   |
| <i>Overtime hours</i> .....                      | 2.7  | 2.7   | 2.6  | 2.7  | 2.9  | 2.9  | 3.0  | 3.1  | 2.5  | 3.3  | 3.3  | 3.2    | 3.2    |
| Ordnance and accessories .....                   | 41.2 | 41.7  | 41.6 | 41.7 | 41.3 | 41.4 | 40.7 | 40.8 | 39.6 | 40.8 | 41.1 | 40.8   | 40.3   |
| Lumber and wood products .....                   | 39.5 | 39.6  | 39.8 | 39.4 | 40.2 | 40.8 | 40.5 | 39.9 | 40.0 | 40.1 | 39.8 | 40.4   | 40.5   |
| Furniture and fixtures .....                     | 38.3 | 38.9  | 38.9 | 39.1 | 39.5 | 39.4 | 39.3 | 39.0 | 38.4 | 38.9 | 38.6 | 38.6   | 38.7   |
| Stone, clay, and glass products .....            | 40.7 | 40.8  | 40.8 | 40.9 | 41.3 | 41.5 | 41.4 | 40.7 | 41.0 | 41.3 | 41.2 | 41.1   | 40.7   |
| Primary metal industries .....                   | 39.9 | 39.9  | 39.9 | 40.2 | 40.3 | 40.4 | 40.6 | 40.5 | 40.4 | 40.9 | 41.1 | 41.3   | 41.4   |
| Fabricated metal products .....                  | 40.0 | 40.2  | 40.4 | 40.5 | 41.1 | 41.0 | 41.0 | 40.9 | 39.6 | 40.9 | 40.9 | 40.8   | 41.1   |
| Machinery, except electrical .....               | 40.8 | 40.7  | 40.6 | 40.9 | 41.2 | 41.3 | 41.2 | 41.0 | 40.2 | 41.1 | 41.1 | 41.2   | 41.2   |
| Electrical equipment and supplies .....          | 39.6 | 39.6  | 39.6 | 39.6 | 40.1 | 40.4 | 40.2 | 40.1 | 39.2 | 40.2 | 40.1 | 40.1   | 39.9   |
| Transportation equipment .....                   | 41.2 | 40.9  | 40.4 | 40.8 | 41.9 | 41.7 | 41.6 | 42.1 | 40.6 | 42.2 | 42.4 | 42.0   | 41.4   |
| Instruments and related products .....           | 39.5 | 39.7  | 39.7 | 39.9 | 40.3 | 40.4 | 40.2 | 40.5 | 39.6 | 40.8 | 40.5 | 40.6   | 40.6   |
| Miscellaneous manufacturing, Ind. ....           | 38.2 | 38.7  | 38.8 | 38.6 | 39.2 | 39.1 | 38.7 | 38.8 | 38.0 | 38.7 | 38.6 | 38.7   | 38.5   |
| <b>NONDURABLE GOODS</b> .....                    | 39.3 | 39.4  | 39.5 | 39.5 | 39.7 | 39.9 | 39.7 | 39.5 | 38.7 | 39.5 | 39.2 | 39.1   | 39.0   |
| <i>Overtime hours</i> .....                      | 2.9  | 3.0   | 3.0  | 3.0  | 3.1  | 3.3  | 3.1  | 3.2  | 2.6  | 3.1  | 2.9  | 3.0    | 2.7    |
| Food and kindred products .....                  | 40.7 | 40.9  | 40.6 | 40.4 | 40.5 | 40.7 | 40.5 | 40.2 | 40.0 | 40.2 | 40.0 | 40.1   | 40.0   |
| Tobacco manufactures .....                       | 37.6 | 38.0  | 37.5 | 39.7 | 37.7 | 39.1 | 39.5 | 39.3 | 39.0 | 38.4 | 38.4 | 34.5   | 35.9   |
| Textile mill products .....                      | 40.4 | 40.9  | 41.0 | 41.0 | 41.2 | 41.4 | 40.9 | 40.7 | 39.0 | 40.7 | 40.3 | 40.2   | 39.6   |
| Apparel and other textile products .....         | 35.5 | 36.0  | 36.2 | 36.1 | 36.6 | 36.6 | 36.3 | 36.2 | 34.9 | 35.9 | 35.9 | 35.5   | 35.0   |
| Paper and allied products .....                  | 42.1 | 42.2  | 42.3 | 42.4 | 42.9 | 42.7 | 42.7 | 42.5 | 41.8 | 42.8 | 42.5 | 42.3   | 42.2   |
| Printing and publishing .....                    | 37.1 | 36.9  | 37.0 | 37.3 | 37.6 | 37.8 | 37.5 | 37.4 | 37.1 | 37.5 | 37.4 | 37.6   | 37.5   |
| Chemicals and allied products .....              | 41.1 | 41.3  | 41.4 | 41.4 | 41.7 | 41.6 | 41.7 | 41.5 | 41.5 | 41.6 | 41.4 | 41.5   | 41.3   |
| Petroleum and coal products .....                | 41.0 | 41.6  | 41.8 | 42.0 | 41.8 | 42.5 | 42.4 | 42.4 | 42.2 | 42.2 | 41.9 | 42.1   | 42.2   |
| Rubber and plastics products, nec .....          | 40.1 | 40.1  | 40.0 | 40.0 | 40.6 | 40.9 | 40.9 | 41.0 | 39.4 | 40.7 | 40.3 | 40.2   | 39.8   |
| Leather and leather products .....               | 38.0 | 38.4  | 38.9 | 38.4 | 38.7 | 38.6 | 38.4 | 38.6 | 37.5 | 38.1 | 37.1 | 37.1   | 36.6   |
| <b>TRANSPORTATION AND PUBLIC UTILITIES</b> ..... | 39.5 | 39.7  | 39.7 | 39.6 | 39.9 | 39.6 | 39.8 | 39.9 | 40.0 | 39.6 | 39.8 | 39.8   | 39.8   |
| <b>WHOLESALE AND RETAIL TRADE</b> .....          | 33.8 | 33.6  | 33.9 | 33.8 | 33.9 | 33.9 | 33.9 | 33.7 | 33.9 | 33.8 | 33.6 | 33.6   | 33.7   |
| <b>WHOLESALE TRADE</b> .....                     | 38.6 | 38.5  | 38.8 | 38.7 | 38.8 | 38.9 | 38.8 | 38.7 | 38.9 | 38.9 | 38.7 | 39.1   | 39.2   |
| <b>RETAIL TRADE</b> .....                        | 32.3 | 32.2  | 32.3 | 32.5 | 32.4 | 32.5 | 32.3 | 32.2 | 32.5 | 32.3 | 32.0 | 31.9   | 31.9   |
| <b>FINANCE, INSURANCE, AND REAL ESTATE</b> ..... | 36.3 | 36.3  | 36.4 | 36.7 | 36.4 | 36.5 | 36.7 | 36.5 | 36.6 | 36.8 | 36.6 | 36.6   | 36.9   |
| <b>SERVICES</b> .....                            | 33.8 | 33.6  | 33.7 | 33.9 | 33.6 | 33.7 | 33.7 | 33.5 | 33.5 | 33.7 | 33.4 | 33.4   | 33.4   |

<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   |        |        |        |        |        |        |        |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|   | Aug.   | Sept.  | Oct.   | Nov.   | Dec.   | Jan.   | Feb.   | Mar.   | Apr.   | May    | June   | July p | Aug. P |
| <b>Average hourly earnings</b>  |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>TOTAL PRIVATE</b> .....  | \$4.57 | \$4.60 | \$4.63 | \$4.68 | \$4.68 | \$4.73 | \$4.75 | \$4.77 | \$4.78 | \$4.83 | \$4.84 | \$4.87 | \$4.88 |
| <b>MINING</b> .....   | 5.97   | 6.01   | 6.08   | 6.10   | 6.11   | 6.19   | 6.26   | 6.30   | 6.30   | 6.36   | 6.35   | 6.41   | 6.26   |
| <b>CONTRACT CONSTRUCTION</b> .....                                    | 7.30   | 7.32   | 7.32   | 7.41   | 7.46   | 7.46   | 7.46   | 7.59   | 7.56   | 7.65   | 7.69   | 7.77   | 7.73   |
| <b>MANUFACTURING</b> .....  | 4.86   | 4.88   | 4.90   | 4.93   | 4.96   | 5.00   | 5.04   | 5.08   | 5.06   | 5.13   | 5.16   | 5.21   | 5.24   |
| <b>TRANSPORTATION AND PUBLIC UTILITIES</b> .....                      | 6.05   | 6.04   | 6.12   | 6.17   | 6.17   | 6.22   | 6.29   | 6.33   | 6.37   | 6.44   | 6.47   | 6.45   | 6.49   |
| <b>WHOLESALE AND RETAIL TRADE</b> .....                               | 3.78   | 3.79   | 3.82   | 3.84   | 3.84   | 3.87   | 3.88   | 3.90   | 3.91   | 3.94   | 3.96   | 3.99   | 3.98   |
| <b>FINANCE, INSURANCE, AND REAL ESTATE</b> .....                      | 4.18   | 4.16   | 4.18   | 4.26   | 4.22   | 4.24   | 4.30   | 4.30   | 4.33   | 4.36   | 4.36   | 4.37   | 4.43   |
| <b>SERVICES</b> .....   | 4.08   | 4.10   | 4.15   | 4.22   | 4.22   | 4.25   | 4.27   | 4.27   | 4.30   | 4.34   | 4.36   | 4.35   | 4.40   |
| <b>Average weekly earnings</b>  |        |        |        |        |        |        |        |        |        |        |        |        |        |
| <b>TOTAL PRIVATE:</b>   |        |        |        |        |        |        |        |        |        |        |        |        |        |
| Current dollars .....   | 165.43 | 166.06 | 167.61 | 169.88 | 170.35 | 172.65 | 172.90 | 172.67 | 172.56 | 174.85 | 174.72 | 176.29 | 176.66 |
| 1967 dollars .....  | 101.62 | 101.57 | 101.89 | 102.65 | 102.37 | 103.32 | 103.35 | 103.03 | 102.53 | 103.28 | 102.72 | 103.15 | -      |
| Real spendable earnings (worker and 3 dependents, 1967 dollars) ..... | 91.71  | 91.63  | 91.81  | 92.30  | 92.02  | 91.99  | 92.00  | 91.72  | 91.30  | 91.80  | 91.31  | 91.57  | -      |

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

p = preliminary.

**ESTABLISHMENT DATA  
SEASONALLY ADJUSTED**

**C-9. Indexes of aggregate weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls, by industry division and major manufacturing group, seasonally adjusted**

[1967 = 100]

| Industry division and group                      | 1975  |       |       |       |       | 1976  |       |       |       |       |       |                   |                   |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------------------|-------------------|
|  | Aug.  | Sept. | Oct.  | Nov.  | Dec.  | Jan.  | Feb.  | Mar.  | Apr.  | May   | June  | July <sup>P</sup> | Aug. <sup>P</sup> |
| <b>TOTAL</b> .....                               | 107.4 | 107.9 | 108.4 | 108.8 | 109.3 | 110.3 | 110.5 | 110.2 | 110.7 | 111.2 | 110.6 | 110.9             | 111.0             |
| <b>GOODS-PRODUCING</b> .....                     | 91.2  | 92.4  | 92.7  | 92.9  | 94.3  | 95.5  | 95.2  | 94.8  | 94.5  | 96.0  | 95.5  | 95.4              | 94.9              |
| <b>MINING</b> .....                              | 118.6 | 119.9 | 125.0 | 124.7 | 125.7 | 125.2 | 124.4 | 124.8 | 124.9 | 124.4 | 124.9 | 128.1             | 111.7             |
| <b>CONTRACT CONSTRUCTION</b> .....               | 98.3  | 98.6  | 97.3  | 97.7  | 98.8  | 100.3 | 98.8  | 93.4  | 98.8  | 97.8  | 96.8  | 96.6              | 96.0              |
| <b>MANUFACTURING</b> .....                       | 89.0  | 90.3  | 90.8  | 90.9  | 92.5  | 93.7  | 93.6  | 94.0  | 92.7  | 94.7  | 94.2  | 94.0              | 94.1              |
| <b>DURABLE GOODS</b> .....                       | 86.7  | 87.7  | 87.8  | 88.1  | 90.0  | 91.3  | 91.3  | 92.0  | 91.0  | 93.6  | 93.4  | 93.3              | 93.8              |
| Ordnance and accessories .....                   | 43.7  | 43.0  | 42.9  | 40.8  | 41.5  | 41.6  | 40.9  | 41.0  | 40.3  | 41.0  | 40.7  | 39.9              | 38.8              |
| Lumber and wood products .....                   | 88.8  | 90.1  | 92.1  | 90.8  | 93.4  | 97.0  | 96.4  | 95.2  | 95.8  | 96.4  | 96.1  | 97.9              | 98.4              |
| Furniture and fixtures .....                     | 92.6  | 97.4  | 97.9  | 99.2  | 101.0 | 101.5 | 103.1 | 102.8 | 102.5 | 104.8 | 102.5 | 102.3             | 101.8             |
| Stone, clay, and glass products .....            | 94.5  | 95.7  | 95.7  | 96.2  | 97.1  | 97.6  | 96.7  | 95.7  | 98.0  | 99.1  | 99.1  | 99.6              | 98.2              |
| Primary metal industries .....                   | 81.7  | 83.5  | 81.9  | 82.3  | 83.6  | 84.1  | 84.9  | 85.3  | 85.8  | 87.4  | 88.7  | 89.9              | 90.6              |
| Fabricated metal products .....                  | 90.9  | 92.0  | 92.8  | 92.7  | 94.6  | 95.7  | 96.6  | 97.3  | 95.0  | 98.3  | 97.9  | 97.4              | 99.6              |
| Machinery, except electrical .....               | 91.0  | 91.8  | 91.9  | 92.0  | 92.5  | 93.4  | 93.2  | 93.3  | 91.6  | 94.3  | 94.0  | 94.7              | 95.8              |
| Electrical equipment and supplies .....          | 84.3  | 84.9  | 85.8  | 85.5  | 87.5  | 89.0  | 89.2  | 90.3  | 89.2  | 91.9  | 91.6  | 90.8              | 92.4              |
| Transportation equipment .....                   | 82.9  | 82.2  | 81.5  | 83.1  | 87.3  | 89.0  | 88.2  | 90.8  | 88.5  | 92.3  | 92.6  | 90.7              | 89.8              |
| Instruments and related products .....           | 97.2  | 99.4  | 100.8 | 101.7 | 103.4 | 105.0 | 105.2 | 106.3 | 105.7 | 109.9 | 109.1 | 109.7             | 109.7             |
| Miscellaneous manufacturing, Ind. ....           | 89.0  | 91.4  | 91.3  | 90.8  | 91.7  | 94.4  | 94.3  | 95.1  | 92.9  | 95.7  | 94.6  | 93.7              | 90.9              |
| <b>NONDURABLE GOODS</b> .....                    | 92.4  | 94.1  | 95.1  | 95.0  | 96.2  | 97.1  | 96.9  | 96.9  | 95.3  | 96.2  | 95.4  | 95.0              | 94.6              |
| Food and kindred products .....                  | 96.1  | 96.9  | 96.5  | 95.1  | 95.4  | 96.9  | 97.3  | 95.5  | 95.9  | 96.7  | 96.5  | 96.6              | 97.0              |
| Tobacco manufactures .....                       | 85.8  | 88.1  | 85.6  | 93.4  | 87.4  | 90.6  | 88.8  | 85.6  | 84.9  | 83.6  | 82.2  | 81.2              | 79.4              |
| Textile mill products .....                      | 93.0  | 96.4  | 98.1  | 98.0  | 99.1  | 99.7  | 99.0  | 98.6  | 95.2  | 99.5  | 98.0  | 97.4              | 96.8              |
| Apparel and other textile products .....         | 85.3  | 87.8  | 90.0  | 90.1  | 92.1  | 93.1  | 91.8  | 92.6  | 88.9  | 91.2  | 91.3  | 89.5              | 88.1              |
| Paper and allied products .....                  | 89.6  | 91.3  | 92.0  | 92.6  | 94.7  | 95.2  | 95.8  | 95.9  | 95.0  | 97.9  | 97.2  | 96.9              | 96.7              |
| Printing and publishing .....                    | 92.4  | 91.9  | 91.8  | 92.4  | 93.5  | 93.4  | 92.5  | 92.7  | 92.1  | 93.4  | 92.7  | 93.2              | 93.2              |
| Chemicals and allied products .....              | 94.5  | 96.1  | 97.4  | 97.6  | 98.1  | 98.5  | 99.4  | 99.1  | 99.5  | 99.5  | 98.4  | 99.1              | 99.2              |
| Petroleum and coal products .....                | 107.3 | 108.9 | 110.2 | 111.6 | 111.1 | 113.8 | 114.4 | 114.4 | 114.8 | 113.9 | 111.4 | 111.9             | 112.2             |
| Rubber and plastics products, nec .....          | 110.6 | 113.0 | 114.7 | 113.5 | 116.2 | 118.8 | 119.3 | 121.8 | 118.5 | 107.8 | 106.2 | 105.7             | 105.6             |
| Leather and leather products .....               | 72.1  | 74.9  | 77.2  | 77.2  | 78.1  | 79.3  | 78.9  | 79.9  | 78.3  | 79.2  | 76.2  | 75.5              | 72.6              |
| <b>SERVICE-PRODUCING</b> .....                   | 118.7 | 118.7 | 119.3 | 119.8 | 119.7 | 120.6 | 121.0 | 120.9 | 121.9 | 121.7 | 121.1 | 121.6             | 122.2             |
| <b>TRANSPORTATION AND PUBLIC UTILITIES</b> ..... | 100.5 | 101.1 | 101.2 | 101.5 | 101.7 | 101.5 | 102.7 | 102.5 | 102.9 | 101.4 | 101.4 | 101.7             | 101.8             |
| <b>WHOLESALE AND RETAIL TRADE</b> .....          | 114.6 | 114.6 | 115.1 | 115.2 | 115.5 | 116.8 | 116.8 | 116.8 | 118.2 | 117.7 | 116.8 | 117.6             | 118.0             |
| <b>WHOLESALE TRADE</b> .....                     | 111.0 | 111.3 | 112.0 | 111.5 | 112.3 | 113.4 | 113.6 | 113.2 | 114.3 | 114.5 | 113.7 | 115.1             | 115.5             |
| <b>RETAIL TRADE</b> .....                        | 115.9 | 115.8 | 116.2 | 116.6 | 116.6 | 118.1 | 118.0 | 118.1 | 119.7 | 118.9 | 118.0 | 118.5             | 118.9             |
| <b>FINANCE, INSURANCE, AND REAL ESTATE</b> ..... | 122.9 | 123.5 | 123.7 | 125.1 | 124.5 | 125.1 | 125.8 | 125.5 | 126.1 | 126.2 | 126.3 | 126.3             | 127.6             |
| <b>SERVICES</b> .....                            | 131.4 | 131.1 | 132.0 | 133.1 | 132.3 | 133.3 | 133.9 | 133.7 | 134.3 | 135.3 | 134.5 | 135.0             | 135.9             |

<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<br>Millions of hours <sup>2</sup> |            |              | Percent change <sup>3</sup> |                        |                          |
|--|---|------------|--------------|-----------------------------|------------------------|--------------------------|
|  | June 1976                                     | July 1976p | August 1976p | August 1975 to August 1976  | June 1976 to July 1976 | July 1976 to August 1976 |
| <b>TOTAL - ALL INDUSTRIES</b> .....              | 150,263                                       | 151,064    | 151,307      | 3.1                         | 6.6                    | 1.9                      |
| <b>TOTAL - PRIVATE</b> .....                     | 120,816                                       | 121,088    | 121,341      | 3.2                         | 2.7                    | 2.5                      |
| <b>MINING</b> .....                              | 1,714   | 1,754      | 1,550        | -4.8                        | 32.2                   | -77.3                    |
| <b>CONTRACT CONSTRUCTION</b> .....               | 6,486   | 6,447      | 6,415        | -1.6                        | -7.0                   | -5.9                     |
| <b>MANUFACTURING</b> .....                       | 39,355  | 39,298     | 39,444       | 4.6                         | -1.7                   | 4.6                      |
| <b>TRANSPORTATION AND PUBLIC UTILITIES</b> ..... | 9,266   | 9,297      | 9,303        | 1.4                         | 4.1                    | 0.8                      |
| <b>WHOLESALE AND RETAIL TRADE</b> .....          | 30,536  | 30,723     | 30,835       | 3.0                         | 7.6                    | 4.5                      |
| <b>FINANCE, INSURANCE, AND REAL ESTATE</b> ..... | 8,178   | 8,184      | 8,274        | 3.9                         | 0.8                    | 14.0                     |
| <b>SERVICES</b> .....                            | 25,283  | 25,387     | 25,520       | 3.3                         | 5.1                    | 6.5                      |
| <b>GOVERNMENT</b> .....                          | 29,447  | 29,975     | 29,966       | 2.6                         | 23.8                   | -0.4                     |

<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**

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

(1967 = 100)

| Item                                 | Annual average |        | Quarterly indexes |       |       |        |       |       |       |       |        |       |        |
|--------------------------------------|----------------|--------|-------------------|-------|-------|--------|-------|-------|-------|-------|--------|-------|--------|
|                                      |                |        | 1973              |       | 1974  |        |       |       | 1975  |       |        |       | 1976   |
|                                      | 1974           | 1975   | IV                | I     | II    | III    | IV    | I     | II    | III   | IV     | I     | II     |
| <b>Private business sector:</b>      |                |        |                   |       |       |        |       |       |       |       |        |       |        |
| Output per hour of all persons ..... | 109.2          | 111.4r | 112.4             | 110.5 | 109.4 | 108.7  | 107.6 | 108.0 | 111.3 | 113.6 | 113.2r | 115.2 | 116.3r |
| Output .....                         | 120.8          | 118.0r | 125.0             | 123.0 | 121.8 | 120.6  | 117.6 | 114.2 | 116.7 | 120.1 | 121.1r | 124.1 | 125.8  |
| Hours .....                          | 110.6          | 105.9  | 111.3             | 111.3 | 111.3 | 110.9  | 109.3 | 105.7 | 104.8 | 105.7 | 107.1r | 107.7 | 108.1r |
| Compensation per hour .....          | 164.3          | 180.2  | 154.1             | 157.1 | 161.8 | 166.7  | 170.7 | 176.0 | 179.0 | 181.3 | 185.0r | 189.8 | 193.4r |
| Real compensation per hour .....     | 111.2          | 111.8  | 112.1             | 110.9 | 111.3 | 111.3  | 110.7 | 112.0 | 112.2 | 111.3 | 111.8r | 113.4 | 114.3r |
| Unit labor costs .....               | 150.4          | 161.7r | 137.1             | 142.2 | 147.9 | 153.4  | 158.6 | 162.9 | 160.8 | 159.6 | 163.5r | 164.7 | 166.2  |
| Unit nonlabor payments .....         | 131.1          | 149.5r | 129.5             | 128.4 | 129.4 | 132.0  | 135.0 | 138.6 | 146.6 | 156.2 | 156.2r | 156.1 | 159.4r |
| Implicit price deflator .....        | 143.8          | 157.5r | 134.5             | 137.5 | 141.6 | 146.0  | 150.5 | 154.6 | 155.9 | 158.4 | 160.9r | 161.8 | 163.8r |
| <b>Nonfarm business sector:</b>      |                |        |                   |       |       |        |       |       |       |       |        |       |        |
| Output per hour of all persons ..... | 107.4          | 109.4r | 110.5             | 109.2 | 107.6 | 106.7  | 105.6 | 106.0 | 109.2 | 111.6 | 111.0r | 112.6 | 114.1p |
| Output .....                         | 121.1          | 118.0r | 125.3             | 123.6 | 122.1 | 120.9  | 117.8 | 114.3 | 116.5 | 119.9 | 121.2r | 124.3 | 125.9p |
| Hours .....                          | 112.7          | 107.9  | 113.4             | 113.2 | 113.5 | 113.3  | 111.5 | 107.9 | 106.7 | 107.4 | 109.2  | 110.4 | 110.4p |
| Compensation per hour .....          | 162.0          | 177.7  | 151.9             | 155.3 | 159.6 | 164.0  | 168.3 | 173.1 | 176.4 | 179.3 | 182.2  | 186.4 | 190.5p |
| Real compensation per hour .....     | 109.7          | 110.2  | 110.5             | 109.7 | 109.7 | 109.5  | 109.2 | 110.1 | 110.5 | 110.1 | 110.1  | 111.4 | 112.6p |
| Unit labor costs .....               | 150.8          | 162.4r | 137.5             | 142.2 | 148.4 | 153.7  | 159.3 | 163.3 | 161.6 | 160.7 | 164.2  | 165.6 | 167.0p |
| Unit nonlabor payments .....         | 125.2          | 144.8  | 120.5             | 120.3 | 124.2 | 127.0  | 129.8 | 136.1 | 142.3 | 150.0 | 150.1  | 152.4 | 154.0p |
| Implicit price deflator .....        | 142.1          | 156.4r | 131.7             | 134.7 | 140.1 | 144.6  | 149.2 | 154.0 | 155.0 | 157.0 | 159.4  | 161.1 | 162.5p |
| <b>Manufacturing:</b>                |                |        |                   |       |       |        |       |       |       |       |        |       |        |
| Output per hour of all persons ..... | 114.7          | 114.9  | 117.9             | 114.7 | 115.5 | 115.5r | 112.6 | 109.0 | 113.1 | 118.6 | 119.4  | 120.9 | 123.3r |
| Output .....                         | 116.8          | 106.3  | 123.1             | 119.0 | 118.5 | 118.5  | 111.5 | 100.8 | 102.7 | 109.5 | 112.6  | 116.5 | 118.9r |
| Hours .....                          | 101.8          | 92.5   | 104.4             | 103.7 | 102.6 | 102.6  | 99.0  | 92.5  | 90.8  | 92.3  | 94.3   | 96.3  | 96.4r  |
| Compensation per hour .....          | 161.7          | 179.8  | 150.6             | 153.8 | 159.1 | 163.5  | 169.6 | 175.9 | 179.1 | 180.7 | 183.6  | 187.9 | 192.4  |
| Real compensation per hour .....     | 109.5          | 111.5  | 109.6             | 108.6 | 109.4 | 109.2  | 110.1 | 111.9 | 112.2 | 111.0 | 111.0  | 112.3 | 113.7  |
| Unit labor costs .....               | 140.9          | 156.4  | 127.8             | 134.1 | 137.7 | 141.6r | 150.7 | 161.3 | 158.3 | 152.3 | 153.7  | 155.4 | 156.0r |
| <b>Nonfinancial corporations:</b>    |                |        |                   |       |       |        |       |       |       |       |        |       |        |
| Output per all-employee hour .....   | 112.7          | 115.9  | 115.4             | 114.6 | 113.6 | 111.9  | 110.8 | 111.7 | 115.8 | 118.2 | 117.8  | 119.1 | 120.6p |
| Output .....                         | 128.0          | 124.0  | 132.5             | 131.4 | 129.7 | 127.7  | 123.7 | 119.7 | 122.4 | 126.2 | 127.5  | 130.8 | 132.9p |
| Hours .....                          | 113.6          | 107.0  | 114.9             | 114.6 | 114.2 | 114.1  | 111.7 | 107.1 | 105.7 | 106.8 | 108.3  | 109.8 | 110.2p |
| Compensation per hour .....          | 167.2          | 184.8  | 155.9             | 160.4 | 165.0 | 169.4  | 174.2 | 180.2 | 183.5 | 186.1 | 189.4  | 193.5 | 197.5p |
| Real compensation per hour .....     | 113.2          | 114.7  | 113.4             | 113.3 | 113.4 | 113.2  | 113.0 | 114.6 | 115.0 | 114.3 | 114.5  | 115.6 | 116.7p |
| Total unit costs .....               | 152.0          | 166.8  | 137.4             | 142.4 | 148.5 | 155.2  | 162.0 | 167.4 | 165.9 | 165.4 | 168.7  | 169.6 | 171.1p |
| Unit labor costs .....               | 148.4          | 159.4  | 135.1             | 139.9 | 145.2 | 151.4  | 157.3 | 161.3 | 158.5 | 157.5 | 160.8  | 162.5 | 163.8p |
| Unit nonlabor costs .....            | 163.1          | 189.8  | 144.4             | 150.1 | 158.4 | 167.2  | 176.8 | 186.5 | 189.2 | 190.2 | 193.4  | 191.9 | 193.8p |
| Unit profits .....                   | 69.2           | 87.0   | 85.1              | 75.1  | 74.4  | 66.4   | 60.2  | 61.6  | 82.4  | 102.0 | 100.5  | 106.0 | 106.8p |
| Implicit price deflator .....        | 139.7          | 155.0  | 129.6             | 132.4 | 137.5 | 142.0  | 146.9 | 151.7 | 153.5 | 156.0 | 158.6  | 160.2 | 161.5p |

p= preliminary.  
r= revised.

Beginning with the August 1976 issue, the productivity and costs measures contained in tables C-11 and C-12 have been revised to reflect the Gross Domestic Product of the *private business* and *nonfarm business* sectors rather than of the total private and private nonfarm economies. These new measures omit the households and nonprofit institutions, the owner-occupied housing, and the statistical discrepancy components of the Gross Domestic Product.

**PRODUCTIVITY  
SEASONALLY ADJUSTED**

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

| Item                              | Quarterly percent change        |                         |                           |                           |                         |                         | Annual percent change  |                          |                            |                          |                        |                          |
|-----------------------------------|---------------------------------|-------------------------|---------------------------|---------------------------|-------------------------|-------------------------|------------------------|--------------------------|----------------------------|--------------------------|------------------------|--------------------------|
|                                   | IV 1974<br>to<br>I 1975         | I 1975<br>to<br>II 1975 | II 1975<br>to<br>III 1975 | III 1975<br>to<br>IV 1975 | IV 1975<br>to<br>I 1976 | I 1976<br>to<br>II 1976 | I 1974<br>to<br>I 1975 | II 1974<br>to<br>II 1975 | III 1974<br>to<br>III 1975 | IV 1974<br>to<br>IV 1975 | I 1975<br>to<br>I 1976 | II 1975<br>to<br>II 1976 |
|                                   | <b>Private business sector:</b> |                         |                           |                           |                         |                         |                        |                          |                            |                          |                        |                          |
| Output per hour of all persons    | 1.6                             | 12.7                    | 8.5                       | -1.6                      | 7.5                     | 4.0r                    | -2.2                   | 1.7                      | 4.5                        | 5.2                      | 6.6                    | 4.5r                     |
| Output                            | -11.2                           | 8.9                     | 12.3                      | 3.6                       | 10.2                    | 5.5r                    | -7.2                   | -4.2                     | -0.4                       | 3.0                      | 8.7                    | 7.8                      |
| Hours                             | -12.7                           | -3.3                    | 3.5                       | 5.2                       | 2.5                     | 1.5r                    | -5.1                   | -5.9                     | -4.7                       | -2.1                     | 1.9                    | 3.2                      |
| Compensation per hour             | 13.1                            | 6.9                     | 5.2                       | 8.3                       | 10.9                    | 7.7r                    | 12.1                   | 10.6                     | 8.8                        | 8.4                      | 7.8                    | 8.0r                     |
| Real compensation per hour        | 4.5                             | 0.7                     | -2.9                      | 1.6                       | 6.1                     | 3.0r                    | 1.0                    | 0.8                      | 0.0                        | 0.9                      | 1.3                    | 1.9r                     |
| Unit labor costs                  | 11.3                            | -5.1                    | -3.0                      | 10.1                      | 3.2                     | 3.6                     | 14.6                   | 8.7                      | 4.1                        | 3.0                      | 1.1                    | 3.4r                     |
| Unit nonlabor payments            | 11.3                            | 25.0                    | 28.8                      | -0.0                      | -0.1                    | 8.5r                    | 7.9                    | 13.3                     | 18.4                       | 15.7                     | 12.6                   | 8.7r                     |
| Implicit price deflator           | 11.3                            | 3.5                     | 6.6                       | 6.6                       | 2.1                     | 5.2r                    | 12.5                   | 10.1                     | 8.5                        | 7.0                      | 4.7                    | 5.1r                     |
| <b>Nonfarm business sector:</b>   |                                 |                         |                           |                           |                         |                         |                        |                          |                            |                          |                        |                          |
| Output per hour of all persons    | 1.3                             | 12.6                    | 9.3                       | -2.2                      | 5.8                     | 5.6p                    | -3.0                   | 1.5                      | 4.6                        | 5.1                      | 6.2                    | 4.5p                     |
| Output                            | -11.3                           | 7.9                     | 12.1                      | 4.5                       | 10.5                    | 5.5p                    | -7.5                   | -4.6                     | -0.8                       | 2.9                      | 8.7                    | 8.1p                     |
| Hours                             | -12.4                           | -4.2                    | 2.5                       | 6.9                       | 4.4                     | -0.1p                   | -4.7                   | -5.9                     | -5.2                       | -2.1                     | 2.3                    | 3.4p                     |
| Compensation per hour             | 11.8                            | 7.9                     | 6.8                       | 6.6                       | 9.5                     | 9.1p                    | 11.4                   | 10.5                     | 9.4                        | 8.3                      | 7.7                    | 8.0p                     |
| Real compensation per hour        | 3.3                             | 1.6                     | -1.4                      | -0.0                      | 4.8                     | 4.3p                    | 0.4                    | 0.7                      | 0.6                        | 0.8                      | 1.2                    | 1.9p                     |
| Unit labor costs                  | 10.4                            | -4.2                    | -2.2                      | 9.0                       | 3.5                     | 3.3p                    | 14.9                   | 8.9                      | 4.6                        | 3.1                      | 1.4                    | 3.3p                     |
| Unit nonlabor payments            | 20.8                            | 19.6                    | 23.5                      | 0.5                       | 6.2                     | 4.2p                    | 13.1                   | 14.5                     | 18.0                       | 15.7                     | 12.0                   | 8.2p                     |
| Implicit price deflator           | 13.5                            | 2.6                     | 5.3                       | 6.2                       | 4.3                     | 3.6p                    | 14.3                   | 10.6                     | 8.6                        | 6.8                      | 4.6                    | 4.9p                     |
| <b>Manufacturing:</b>             |                                 |                         |                           |                           |                         |                         |                        |                          |                            |                          |                        |                          |
| Output per hour of all persons    | -12.0                           | 15.8                    | 21.1                      | 2.7                       | 5.1                     | 8.3r                    | -5.0                   | -2.1                     | 2.8                        | 6.1                      | 10.9                   | 9.1r                     |
| Output                            | -33.1                           | 7.6                     | 29.4                      | 11.9                      | 14.4                    | 8.4r                    | -15.3                  | -13.4                    | -7.6                       | 1.0                      | 15.6                   | 15.8r                    |
| Hours                             | -24.0                           | -7.1                    | 6.9                       | 9.0                       | 8.9                     | 0.1r                    | -10.9                  | -11.5                    | -10.1                      | -4.7                     | 4.2                    | 6.1                      |
| Compensation per hour             | 15.5                            | 7.4                     | 3.8                       | 6.5                       | 9.7                     | 10.0                    | 14.3                   | 12.6                     | 10.5                       | 8.2                      | 6.8                    | 7.5r                     |
| Real compensation per hour        | 6.7                             | 1.2                     | -4.2                      | -0.1                      | 4.8                     | 5.2                     | 3.0                    | 2.6                      | 1.6                        | 0.8                      | 0.4                    | 1.4                      |
| Unit labor costs                  | 31.3                            | -7.2                    | -14.3                     | 3.7                       | 4.3                     | 1.6r                    | 20.3                   | 15.0                     | 7.5                        | 2.0                      | -3.7                   | -1.5r                    |
| <b>Nonfinancial corporations:</b> |                                 |                         |                           |                           |                         |                         |                        |                          |                            |                          |                        |                          |
| Output per all-employee hour      | 3.5                             | 15.4                    | 8.5                       | -1.3                      | 4.4                     | 5.2p                    | -2.6                   | 1.9                      | 5.6                        | 6.4                      | 6.6                    | 4.1p                     |
| Output                            | -12.5                           | 9.5                     | 13.1                      | 4.2                       | 10.6                    | 6.7p                    | -8.9                   | -5.6                     | -1.1                       | 3.1                      | 9.3                    | 8.6p                     |
| Hours                             | -15.5                           | -5.1                    | 4.2                       | 5.6                       | 6.0                     | 1.4p                    | -6.5                   | -7.4                     | -6.4                       | -3.1                     | 2.5                    | 4.3p                     |
| Compensation per hour             | 14.5                            | 7.5                     | 5.9                       | 7.2                       | 8.9                     | 8.6p                    | 12.3                   | 11.2                     | 9.9                        | 8.7                      | 7.4                    | 7.6p                     |
| Real compensation per hour        | 5.8                             | 1.2                     | -2.2                      | 0.5                       | 4.2                     | 3.8p                    | 1.2                    | 1.4                      | 1.0                        | 1.3                      | 0.9                    | 1.5p                     |
| Total unit costs                  | 14.0                            | -3.6                    | -1.2                      | 8.1                       | 2.2                     | 3.5p                    | 17.6                   | 11.8                     | 6.6                        | 4.1                      | 1.3                    | 3.1p                     |
| Unit labor costs                  | 10.7                            | -6.9                    | -2.4                      | 8.6                       | 4.3                     | 3.2p                    | 15.3                   | 9.1                      | 4.0                        | 2.2                      | 0.7                    | 3.3p                     |
| Unit nonlabor costs               | 23.7                            | 5.8                     | 2.1                       | 7.1                       | -3.1                    | 4.0p                    | 24.2                   | 19.4                     | 13.7                       | 9.4                      | 2.9                    | 2.5p                     |
| Unit profits                      | 10.1                            | 218.7                   | 135.3                     | -5.9                      | 23.8                    | 3.3p                    | -17.9                  | 10.7                     | 53.5                       | 66.9                     | 71.9                   | 29.7p                    |
| Implicit price deflator           | 13.8                            | 4.8                     | 6.7                       | 6.7                       | 4.1                     | 3.4p                    | 14.6                   | 11.7                     | 9.8                        | 7.9                      | 5.6                    | 5.2p                     |

p= preliminary.  
r= revised.

Beginning with the August 1976 issue, the productivity and costs measures contained in tables C-11 and C-12 have been revised to reflect the Gross Domestic Product of the *private business* and *nonfarm business* sectors rather than of the total private and private nonfarm economies. These new measures omit the households and nonprofit institutions, the owner-occupied housing, and the statistical discrepancy components of the Gross Domestic Product.

**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 |              |               |
|---|-------------------------|--------------|---------------|----------------------|--------------|---------------|-------------------------|--------------|---------------|
|   | JULY<br>1975            | JUNE<br>1976 | JULY<br>1976P | JULY<br>1975         | JUNE<br>1976 | JULY<br>1976P | JULY<br>1975            | JUNE<br>1976 | JULY<br>1976P |
| <b>ALABAMA</b> .....                                  | \$163.49                | \$180.43     | \$182.74      | 39.3                 | 41.1         | 40.7          | \$4.16                  | \$4.39       | \$4.49        |
| Birmingham .....                                      | 194.24                  | 222.34       | 234.02        | 36.4                 | 40.5         | 41.2          | 4.93                    | 5.49         | 5.68          |
| Mobile .....  | 201.87                  | 228.10       | 223.56        | 40.7                 | 41.1         | 40.5          | 4.96                    | 5.55         | 5.52          |
| <b>ALASKA</b> .....                                   | 314.76                  | 327.24       | (*)           | 39.1                 | 40.4         | (*)           | 8.05                    | 8.10         | (*)           |
| <b>ARIZONA</b> .....                                  | 190.79                  | 203.94       | 206.40        | 38.7                 | 39.6         | 40.0          | 4.93                    | 5.15         | 5.16          |
| Phoenix .....   | 194.14                  | 203.26       | 205.25        | 39.3                 | 39.7         | 39.7          | 4.94                    | 5.12         | 5.17          |
| Tucson .....  | 191.49                  | 207.90       | 215.87        | 39.0                 | 39.3         | 40.2          | 4.91                    | 5.29         | 5.37          |
| <b>ARKANSAS</b> .....                                 | 135.26                  | 155.21       | 159.20        | 38.9                 | 39.9         | 40.0          | 3.58                    | 3.89         | 3.98          |
| Fayetteville-Springdale .....                         | 126.94                  | 141.91       | 151.08        | 36.7                 | 40.2         | 42.8          | 3.28                    | 3.53         | 3.53          |
| Fort Smith .....                                      | 136.16                  | 153.46       | 156.00        | 37.0                 | 38.8         | 39.5          | 3.68                    | 3.95         | 4.00          |
| Little Rock-North Little Rock .....                   | 157.55                  | 176.51       | 173.88        | 38.9                 | 39.4         | 38.9          | 4.05                    | 4.48         | 4.47          |
| Pine Bluff .....                                      | 157.88                  | 199.89       | 201.65        | 37.5                 | 41.3         | 41.5          | 4.21                    | 4.84         | 4.86          |
| <b>CALIFORNIA</b> .....                               | 203.97                  | 223.04       | 224.78        | 39.0                 | 39.9         | 39.5          | 5.23                    | 5.59         | 5.64          |
| Anaheim-Santa Ana-Garden Grove .....                  | 192.55                  | 207.20       | 208.12        | 39.7                 | 40.0         | 40.1          | 4.85                    | 5.18         | 5.19          |
| Bakersfield .....                                     | 197.98                  | 210.35       | 215.63        | 38.0                 | 37.9         | 38.3          | 5.21                    | 5.55         | 5.63          |
| Fresno .....  | 176.43                  | 197.12       | 192.99        | 37.3                 | 38.5         | 36.9          | 4.73                    | 5.12         | 5.23          |
| Los Angeles-Long Beach .....                          | 192.76                  | 209.44       | 207.77        | 35.1                 | 40.2         | 39.5          | 4.93                    | 5.21         | 5.26          |
| Modesto .....   | 190.09                  | 198.36       | 208.95        | 37.2                 | 36.0         | 38.2          | 5.11                    | 5.51         | 5.47          |
| Oxnard-Simi Valley-Ventura .....                      | 176.24                  | 190.70       | 193.94        | 37.9                 | 39.4         | 39.1          | 4.65                    | 4.84         | 4.96          |
| Riverside-San Bernardino-Ontario .....                | 210.80                  | 231.95       | 240.90        | 40.0                 | 40.2         | 40.9          | 5.27                    | 5.77         | 5.89          |
| Sacramento .....                                      | 222.52                  | 240.95       | 245.23        | 38.3                 | 39.5         | 39.3          | 5.81                    | 6.10         | 6.24          |
| Salinas-Seaside-Monterey .....                        | 188.50                  | 191.01       | 195.56        | 37.7                 | 37.6         | 37.9          | 5.00                    | 5.08         | 5.16          |
| San Diego .....                                       | 195.71                  | 213.40       | 212.46        | 38.3                 | 38.8         | 38.7          | 5.11                    | 5.50         | 5.49          |
| San Francisco-Oakland .....                           | 243.04                  | 270.92       | 273.88        | 38.7                 | 39.9         | 40.1          | 6.28                    | 6.79         | 6.83          |
| San Jose .....  | 210.72                  | 250.04       | 243.43        | 37.9                 | 40.2         | 39.2          | 5.56                    | 6.22         | 6.21          |
| Santa Barbara-Santa Maria-Lompoc .....                | 180.32                  | 185.93       | 192.76        | 35.2                 | 38.1         | 39.1          | 4.60                    | 4.88         | 4.93          |
| Santa Rosa .....                                      | 190.39                  | 206.18       | 204.17        | 37.7                 | 37.9         | 37.6          | 5.05                    | 5.44         | 5.43          |
| Stockton .....  | 211.87                  | 232.54       | 238.34        | 37.7                 | 38.5         | 39.2          | 5.62                    | 6.04         | 6.08          |
| Vallejo-Fairfield-Napa .....                          | 215.95                  | 228.13       | 227.46        | 38.7                 | 38.6         | 38.1          | 5.58                    | 5.91         | 5.97          |
| <b>COLORADO</b> .....                                 | 200.27                  | 210.80       | 211.46        | 35.5                 | 40.0         | 39.6          | 5.07                    | 5.27         | 5.34          |
| Denver-Boulder .....                                  | 200.56                  | 211.33       | 209.33        | 39.1                 | 39.5         | 39.2          | 5.13                    | 5.35         | 5.34          |
| <b>CONNECTICUT</b> .....                              | 191.35                  | 208.59       | 209.82        | 40.2                 | 40.9         | 40.9          | 4.76                    | 5.10         | 5.13          |
| Bridgeport .....                                      | 207.17                  | 224.27       | 223.87        | 41.6                 | 42.8         | 42.4          | 4.98                    | 5.24         | 5.28          |
| Hartford .....  | 211.45                  | 233.38       | 238.29        | 40.9                 | 41.9         | 42.4          | 5.17                    | 5.57         | 5.62          |
| New Britain .....                                     | 197.24                  | 209.50       | 208.87        | 40.5                 | 40.6         | 40.4          | 4.87                    | 5.17         | 5.17          |
| New Haven-West Haven .....                            | 192.76                  | 207.43       | 200.55        | 39.5                 | 40.2         | 39.4          | 4.88                    | 5.16         | 5.09          |
| Stamford .....  | 200.56                  | 216.62       | 219.54        | 40.6                 | 41.9         | 42.3          | 4.94                    | 5.17         | 5.19          |
| Waterbury .....                                       | 166.01                  | 185.15       | 179.49        | 40.1                 | 41.7         | 40.7          | 4.14                    | 4.44         | 4.41          |
| <b>DELAWARE</b> .....                                 | 196.00                  | 233.24       | 224.13        | 40.0                 | 41.8         | 41.2          | 4.90                    | 5.58         | 5.44          |
| Wilmington .....                                      | 223.65                  | 257.09       | 246.85        | 39.1                 | 41.6         | 40.6          | 5.72                    | 6.18         | 6.08          |
| <b>DISTRICT OF COLUMBIA:</b><br>Washington SMSA ..... | 218.01                  | 211.91       | 210.43        | 39.0                 | 38.6         | 38.4          | 5.59                    | 5.49         | 5.48          |
| <b>FLORIDA</b> .....                                  | 161.92                  | 175.51       | 177.36        | 39.3                 | 41.2         | 40.4          | 4.12                    | 4.26         | 4.39          |
| Fort Lauderdale-Hollywood .....                       | 148.13                  | 172.46       | 169.58        | 37.5                 | 40.2         | 39.9          | 3.95                    | 4.25         | 4.25          |
| Jacksonville .....                                    | 214.93                  | 218.71       | 221.43        | 42.9                 | 42.8         | 42.5          | 5.01                    | 5.11         | 5.21          |
| Miami .....   | 141.09                  | 149.27       | 150.14        | 39.3                 | 39.7         | 39.1          | 3.59                    | 3.76         | 3.84          |
| Orlando .....   | 164.84                  | 181.25       | 183.42        | 40.5                 | 41.1         | 40.4          | 4.07                    | 4.41         | 4.54          |
| Pensacola .....                                       | 201.06                  | 216.72       | 217.64        | 41.2                 | 42.0         | 41.3          | 4.88                    | 5.16         | 5.26          |
| Tampa-St. Petersburg .....                            | 175.71                  | 189.28       | 191.41        | 40.3                 | 41.6         | 40.9          | 4.36                    | 4.55         | 4.68          |
| West Palm Beach-Boca Raton .....                      | 185.00                  | 198.63       | 198.81        | 35.7                 | 42.9         | 42.3          | 4.66                    | 4.63         | 4.70          |
| <b>GEORGIA</b> .....                                  | 150.92                  | 167.28       | 167.18        | 39.2                 | 40.8         | 39.9          | 3.85                    | 4.10         | 4.19          |
| Atlanta .....   | 183.14                  | 210.00       | 208.43        | 39.3                 | 40.0         | 39.4          | 4.66                    | 5.25         | 5.29          |
| Savannah .....  | 158.48                  | 222.40       | 223.13        | 42.5                 | 43.1         | 42.1          | 4.67                    | 5.16         | 5.30          |
| <b>HAWAII</b> .....                                   | 171.60                  | 191.88       | 186.25        | 40.0                 | 39.4         | 39.8          | 4.29                    | 4.87         | 4.73          |
| Honolulu .....  | 164.22                  | 183.05       | 176.61        | 39.1                 | 38.7         | 38.9          | 4.20                    | 4.73         | 4.54          |
| <b>IDAHO</b> .....                                    | 196.06                  | 211.60       | 217.88        | 38.9                 | 39.7         | 39.4          | 5.04                    | 5.33         | 5.53          |

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 |           |            |
|--|-------------------------|-----------|------------|----------------------|-----------|------------|-------------------------|-----------|------------|
|  | JULY 1975               | JUNE 1976 | JULY 1976P | JULY 1975            | JUNE 1976 | JULY 1976P | JULY 1975               | JUNE 1976 | JULY 1976P |
| ILLINOIS .....                               | \$212.00                | \$236.29  | (*)        | 39.3                 | 40.8      | (*)        | \$5.39                  | \$5.79    | (*)        |
| INDIANA .....                                | 218.80                  | 247.99    | \$246.22   | 40.0                 | 41.4      | 40.9       | 5.47                    | 5.99      | \$6.02     |
| Indianapolis .....                           | 224.78                  | 247.99    | 249.64     | 40.5                 | 41.4      | 41.4       | 5.55                    | 5.99      | 6.03       |
| IOWA .....                                   | 211.14                  | 234.14    | 233.96     | 39.1                 | 40.3      | 40.2       | 5.40                    | 5.81      | 5.82       |
| Cedar Rapids .....                           | 217.56                  | 254.59    | 234.77     | 39.7                 | 41.6      | 40.2       | 5.48                    | 6.12      | 5.84       |
| Des Moines .....                             | 207.43                  | 244.42    | 243.58     | 36.2                 | 40.2      | 39.8       | 5.73                    | 6.08      | 6.12       |
| Dubuque .....                                | 240.41                  | 277.11    | 290.19     | 38.1                 | 39.7      | 40.7       | 6.31                    | 6.98      | 7.13       |
| Sioux City .....                             | 178.60                  | 208.54    | 201.11     | 36.9                 | 39.2      | 38.9       | 4.84                    | 5.32      | 5.17       |
| Waterloo—Cedar Falls .....                   | 265.88                  | 261.78    | 281.39     | 35.1                 | 39.3      | 39.3       | 6.80                    | 7.17      | 7.16       |
| KANSAS .....                                 | 187.54                  | 203.42    | 204.91     | 40.2                 | 41.4      | 41.1       | 4.66                    | 4.92      | 4.98       |
| Topeka .....                                 | 194.15                  | 190.02    | 185.02     | 40.4                 | 41.2      | 40.7       | 4.80                    | 4.61      | 4.64       |
| Wichita .....                                | 219.78                  | 219.82    | 223.54     | 43.0                 | 41.4      | 41.3       | 5.11                    | 5.31      | 5.42       |
| KENTUCKY .....                               | 178.10                  | 200.38    | 201.33     | 38.3                 | 39.6      | 39.4       | 4.65                    | 5.06      | 5.11       |
| Louisville .....                             | 208.29                  | 236.16    | 235.98     | 38.5                 | 40.3      | 39.2       | 5.41                    | 5.86      | 6.02       |
| LOUISIANA .....                              | 195.54                  | 224.28    | 224.00     | 40.4                 | 42.0      | 41.1       | 4.84                    | 5.34      | 5.45       |
| Baton Rouge .....                            | 255.00                  | 284.00    | 284.81     | 42.5                 | 42.9      | 42.7       | 6.00                    | 6.62      | 6.67       |
| New Orleans .....                            | 183.69                  | 218.29    | 212.26     | 35.0                 | 41.5      | 40.2       | 4.71                    | 5.26      | 5.28       |
| Shreveport .....                             | 174.47                  | 194.28    | 189.37     | 40.2                 | 40.9      | 39.7       | 4.34                    | 4.75      | 4.77       |
| MAINE .....                                  | 157.55                  | 163.60    | 168.00     | 40.5                 | 40.0      | 40.0       | 3.89                    | 4.09      | 4.20       |
| Lewiston—Auburn .....                        | 125.57                  | 140.66    | 142.16     | 38.4                 | 39.4      | 39.6       | 3.27                    | 3.57      | 3.59       |
| Portland .....                               | 169.33                  | 173.75    | 177.48     | 41.3                 | 40.5      | 40.8       | 4.10                    | 4.29      | 4.35       |
| MARYLAND .....                               | 198.74                  | 219.60    | 222.80     | 35.2                 | 40.0      | 40.0       | 5.07                    | 5.49      | 5.57       |
| Baltimore .....                              | 205.35                  | 232.30    | 236.74     | 38.9                 | 40.4      | 40.4       | 5.28                    | 5.75      | 5.86       |
| MASSACHUSETTS .....                          | 173.88                  | 188.87    | 190.32     | 38.9                 | 40.1      | 39.9       | 4.47                    | 4.71      | 4.77       |
| Boston .....                                 | 193.75                  | 209.27    | 209.48     | 39.3                 | 40.4      | 39.9       | 4.93                    | 5.18      | 5.25       |
| Brockton .....                               | 147.07                  | 154.80    | 156.74     | 38.2                 | 38.7      | 38.7       | 3.85                    | 4.00      | 4.05       |
| Fall River .....                             | 123.90                  | 138.60    | 135.32     | 35.3                 | 36.0      | 35.8       | 3.51                    | 3.85      | 3.78       |
| Lawrence—Haverhill .....                     | 170.25                  | 181.37    | 181.31     | 35.5                 | 39.6      | 39.5       | 4.31                    | 4.58      | 4.54       |
| Lowell .....                                 | 157.54                  | 169.38    | 166.12     | 36.9                 | 39.3      | 38.1       | 4.27                    | 4.31      | 4.36       |
| New Bedford .....                            | 139.85                  | 161.46    | 153.75     | 36.9                 | 39.0      | 37.5       | 3.79                    | 4.14      | 4.10       |
| Springfield—Chicopee—Holyoke .....           | 172.09                  | 190.01    | 191.76     | 35.2                 | 40.6      | 40.8       | 4.39                    | 4.68      | 4.70       |
| Worcester .....                              | 178.36                  | 188.02    | 190.70     | 35.2                 | 39.5      | 39.4       | 4.55                    | 4.76      | 4.84       |
| MICHIGAN .....                               | 249.78                  | 298.56    | 291.10     | 40.7                 | 43.7      | 43.1       | 6.14                    | 6.83      | 6.75       |
| Ann Arbor .....                              | 257.64                  | 341.97    | 319.42     | 40.0                 | 46.3      | 44.5       | 6.44                    | 7.39      | 7.18       |
| Battle Creek .....                           | 259.67                  | 289.15    | 297.35     | 41.5                 | 41.9      | 42.6       | 6.26                    | 6.90      | 6.98       |
| Bay City .....                               | 275.26                  | 310.64    | 311.06     | 46.1                 | 47.6      | 47.9       | 5.97                    | 6.53      | 6.45       |
| Detroit .....                                | 260.98                  | 320.90    | 314.37     | 40.5                 | 44.6      | 43.9       | 6.44                    | 7.20      | 7.16       |
| Flint .....                                  | 291.54                  | 357.35    | 349.47     | 42.1                 | 47.1      | 46.3       | 6.93                    | 7.59      | 7.55       |
| Grand Rapids .....                           | 206.11                  | 230.08    | 226.84     | 40.1                 | 40.7      | 40.5       | 5.14                    | 5.65      | 5.60       |
| Jackson .....                                | 230.53                  | 241.99    | 245.90     | 40.5                 | 40.5      | 40.8       | 5.69                    | 5.98      | 6.03       |
| Kalamazoo—Portage .....                      | 222.73                  | 257.41    | 246.45     | 40.6                 | 41.7      | 41.1       | 5.49                    | 6.17      | 6.05       |
| Lansing—East Lansing .....                   | 256.78                  | 323.82    | 299.16     | 40.4                 | 45.0      | 43.4       | 6.36                    | 7.20      | 6.89       |
| Muskegon—Norton Shore—Muskegon Heights ..... | 218.22                  | 246.79    | 246.81     | 40.3                 | 41.2      | 41.1       | 5.42                    | 5.99      | 6.01       |
| Saginaw .....                                | 300.93                  | 348.50    | 347.74     | 42.1                 | 44.6      | 44.4       | 7.15                    | 7.81      | 7.83       |
| MINNESOTA .....                              | 157.49                  | 213.94    | 214.09     | 38.8                 | 39.4      | 39.5       | 5.09                    | 5.43      | 5.42       |
| Duluth—Superior .....                        | 180.48                  | 195.89    | 197.11     | 38.4                 | 39.1      | 39.5       | 4.70                    | 5.01      | 4.99       |
| Minneapolis—St. Paul .....                   | 209.75                  | 231.60    | 232.22     | 38.7                 | 40.0      | 39.9       | 5.42                    | 5.79      | 5.82       |
| MISSISSIPPI .....                            | 141.69                  | 152.36    | 150.44     | 39.8                 | 40.2      | 39.8       | 3.56                    | 3.79      | 3.78       |
| Jackson .....                                | 151.01                  | 156.40    | 155.23     | 41.6                 | 40.0      | 39.7       | 3.63                    | 3.91      | 3.91       |
| MISSOURI .....                               | 188.55                  | 206.23    | 204.57     | 35.2                 | 40.2      | 35.8       | 4.81                    | 5.13      | 5.15       |
| Kansas City .....                            | 209.43                  | 240.95    | 239.72     | 39.0                 | 41.4      | 40.7       | 5.37                    | 5.82      | 5.89       |
| St. Joseph .....                             | 181.85                  | 197.63    | 193.92     | 40.5                 | 41.3      | 40.4       | 4.49                    | 4.79      | 4.80       |
| St. Louis .....                              | 218.43                  | 238.43    | 238.40     | 39.5                 | 40.1      | 39.9       | 5.53                    | 5.95      | 5.96       |
| Springfield .....                            | 163.44                  | 177.06    | 184.09     | 39.1                 | 39.7      | 41.0       | 4.18                    | 4.46      | 4.49       |
| MONTANA .....                                | 188.64                  | 241.16    | 242.31     | 36.0                 | 39.6      | 39.4       | 5.24                    | 6.09      | 6.15       |

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 |           |            |
|---|-------------------------|-----------|------------|----------------------|-----------|------------|-------------------------|-----------|------------|
|   | JULY 1975               | JUNE 1976 | JULY 1976P | JULY 1975            | JUNE 1976 | JULY 1976P | JULY 1975               | JUNE 1976 | JULY 1976P |
| <b>NEBRASKA</b>                                   | \$182.67                | \$210.88  | \$207.05   | 40.7                 | 42.7      | 41.8       | \$4.49                  | \$4.94    | \$4.96     |
| Lincoln   | 168.91                  | 178.40    | 185.26     | 38.9                 | 39.4      | 40.2       | 4.35                    | 4.52      | 4.61       |
| Omaha   | 201.60                  | 229.56    | 224.51     | 40.7                 | 42.9      | 41.9       | 4.95                    | 5.35      | 5.36       |
| <b>NEVADA</b>                                     | 196.60                  | 213.89    | 216.96     | 37.5                 | 38.4      | 38.4       | 5.24                    | 5.57      | 5.65       |
| Las Vegas   | 247.35                  | 277.22    | (*)        | 35.2                 | 41.5      | (*)        | 6.31                    | 6.68      | (*)        |
| <b>NEW HAMPSHIRE</b>                              | 154.43                  | 167.18    | 166.66     | 38.9                 | 39.9      | 39.4       | 3.97                    | 4.19      | 4.23       |
| Manchester  | 141.36                  | 154.84    | 152.46     | 38.0                 | 39.1      | 38.5       | 3.72                    | 3.96      | 3.96       |
| Nashua  | 172.60                  | 187.27    | 182.74     | 38.7                 | 40.1      | 39.3       | 4.46                    | 4.67      | 4.65       |
| <b>NEW JERSEY</b>                                 | 196.68                  | 219.54    | 221.90     | 40.3                 | 41.5      | 41.4       | 4.93                    | 5.29      | 5.36       |
| Atlantic City                                     | 152.63                  | 157.40    | 160.08     | 37.5                 | 36.1      | 36.8       | 4.07                    | 4.36      | 4.35       |
| Camden <sup>2</sup>                               | 175.71                  | 196.61    | 196.39     | 38.4                 | 35.8      | 35.2       | 4.68                    | 4.94      | 5.01       |
| Hackensack <sup>3</sup>                           | 191.57                  | 204.62    | 203.26     | 35.5                 | 40.2      | 39.7       | 4.86                    | 5.05      | 5.12       |
| Jersey City <sup>3</sup>                          | 189.43                  | 204.46    | 206.68     | 35.3                 | 39.7      | 39.9       | 4.82                    | 5.15      | 5.18       |
| New Brunswick—Perth Amboy—Sayreville <sup>3</sup> | 216.14                  | 231.24    | 237.39     | 40.4                 | 41.0      | 41.0       | 5.35                    | 5.64      | 5.79       |
| Newark <sup>3</sup>                               | 206.91                  | 228.34    | 229.93     | 41.3                 | 42.6      | 42.5       | 5.01                    | 5.36      | 5.41       |
| Paterson—Clifton—Passaic <sup>3</sup>             | 190.62                  | 206.42    | 202.18     | 40.3                 | 42.3      | 41.6       | 4.73                    | 4.88      | 4.86       |
| Trenton   | 217.00                  | 247.24    | 242.40     | 42.8                 | 45.2      | 44.9       | 5.07                    | 5.47      | 5.51       |
| <b>NEW MEXICO</b>                                 | 144.65                  | 157.99    | 161.11     | 35.0                 | 39.3      | 39.2       | 3.71                    | 4.02      | 4.11       |
| Albuquerque                                       | 154.01                  | 158.00    | 159.03     | 39.9                 | 39.5      | 38.6       | 3.86                    | 4.00      | 4.12       |
| <b>NEW YORK</b>                                   | 190.19                  | 207.38    | 208.15     | 38.5                 | 39.5      | 39.2       | 4.94                    | 5.25      | 5.31       |
| Albany—Schenectady—Troy                           | 196.72                  | 223.31    | 223.91     | 38.8                 | 40.9      | 40.2       | 5.07                    | 5.46      | 5.57       |
| Binghamton  | 191.53                  | 193.05    | 194.65     | 41.1                 | 40.9      | 40.3       | 4.66                    | 4.72      | 4.83       |
| Buffalo   | 236.61                  | 272.54    | 268.86     | 35.9                 | 41.8      | 41.3       | 5.93                    | 6.52      | 6.51       |
| Elmira  | 181.66                  | 200.15    | 201.06     | 38.9                 | 39.4      | 39.5       | 4.67                    | 5.08      | 5.09       |
| Monroe County <sup>4</sup>                        | 227.37                  | 264.38    | 265.21     | 40.3                 | 41.7      | 41.7       | 5.89                    | 6.34      | 6.36       |
| Nassau—Suffolk <sup>5</sup>                       | 185.76                  | 196.02    | 195.61     | 38.7                 | 39.6      | 39.2       | 4.80                    | 4.95      | 4.95       |
| New York—Northeastern New Jersey                  | 187.40                  | 201.56    | (*)        | 38.8                 | 39.6      | (*)        | 4.83                    | 5.09      | (*)        |
| New York and Nassau—Suffolk <sup>3</sup>          | 176.06                  | 186.96    | 186.75     | 37.3                 | 38.0      | 37.5       | 4.72                    | 4.92      | 4.98       |
| New York SMSA <sup>5</sup>                        | 174.27                  | 185.48    | 184.39     | 37.0                 | 37.7      | 37.1       | 4.71                    | 4.92      | 4.97       |
| New York City <sup>6</sup>                        | 173.70                  | 183.26    | 182.90     | 36.8                 | 37.4      | 36.8       | 4.72                    | 4.90      | 4.97       |
| Poughkeepsie                                      | 195.40                  | 215.87    | 225.14     | 35.8                 | 40.5      | 42.4       | 5.01                    | 5.33      | 5.31       |
| Rochester   | 226.16                  | 251.52    | 251.32     | 40.1                 | 41.3      | 41.2       | 5.64                    | 6.09      | 6.10       |
| Rockland County <sup>6</sup>                      | 187.05                  | 211.08    | 207.17     | 41.2                 | 42.3      | 41.6       | 4.54                    | 4.99      | 4.98       |
| Syracuse  | 202.81                  | 224.41    | 228.52     | 40.4                 | 41.1      | 41.1       | 5.02                    | 5.46      | 5.56       |
| Utica—Rome  | 170.38                  | 190.40    | 192.80     | 38.9                 | 40.0      | 40.0       | 4.38                    | 4.76      | 4.82       |
| Westchester County <sup>6</sup>                   | 177.87                  | 200.09    | 196.06     | 38.5                 | 39.7      | 38.9       | 4.62                    | 5.04      | 5.04       |
| <b>NORTH CAROLINA</b>                             | 135.02                  | 150.00    | 149.75     | 36.6                 | 40.0      | 39.1       | 3.48                    | 3.75      | 3.83       |
| Asheville <sup>7</sup>                            | 132.90                  | 147.57    | 146.17     | 38.3                 | 40.1      | 39.4       | 3.47                    | 3.68      | 3.71       |
| Charlotte—Gastonia <sup>7</sup>                   | 135.93                  | 152.07    | 155.45     | 35.4                 | 41.1      | 40.8       | 3.45                    | 3.70      | 3.81       |
| Greensboro—Winston-Salem—High Point               | 145.54                  | 161.57    | 160.19     | 36.3                 | 39.6      | 38.6       | 3.80                    | 4.08      | 4.15       |
| Raleigh—Durham <sup>7</sup>                       | 147.43                  | 163.74    | 161.03     | 37.9                 | 38.8      | 37.8       | 3.89                    | 4.22      | 4.26       |
| <b>NORTH DAKOTA</b>                               | 170.74                  | 190.72    | 183.84     | 35.8                 | 39.9      | 38.3       | 4.29                    | 4.78      | 4.80       |
| Fargo—Moorhead                                    | 167.32                  | 203.81    | 202.80     | 37.6                 | 40.2      | 40.0       | 4.45                    | 5.07      | 5.07       |
| <b>OHIO</b>                                       | 221.75                  | 253.12    | 252.54     | 40.1                 | 41.7      | 41.4       | 5.53                    | 6.07      | 6.10       |
| Akron   | 234.43                  | 241.08    | 243.08     | 40.7                 | 41.0      | 41.2       | 5.76                    | 5.88      | 5.90       |
| Canton  | 220.25                  | 242.81    | 243.04     | 35.4                 | 39.1      | 39.2       | 5.59                    | 6.21      | 6.20       |
| Cincinnati  | 205.68                  | 234.48    | 231.65     | 40.4                 | 41.5      | 41.0       | 5.19                    | 5.65      | 5.65       |
| Cleveland   | 223.66                  | 262.91    | 260.40     | 39.8                 | 42.2      | 42.0       | 5.62                    | 6.23      | 6.20       |
| Columbus  | 204.23                  | 228.50    | 231.95     | 35.2                 | 40.3      | 40.2       | 5.21                    | 5.67      | 5.77       |
| Dayton  | 235.05                  | 269.61    | 267.70     | 41.1                 | 43.0      | 42.9       | 5.72                    | 6.27      | 6.24       |
| Toledo  | 227.43                  | 264.59    | 263.55     | 39.9                 | 42.2      | 41.9       | 5.70                    | 6.27      | 6.29       |
| Youngstown—Warren                                 | 250.27                  | 281.80    | 282.27     | 35.6                 | 40.2      | 39.7       | 6.32                    | 7.01      | 7.11       |
| <b>OKLAHOMA</b>                                   | 176.76                  | 188.54    | 190.46     | 35.9                 | 40.2      | 40.1       | 4.43                    | 4.69      | 4.75       |
| Oklahoma City                                     | 176.76                  | 193.04    | 196.66     | 39.9                 | 40.3      | 40.3       | 4.43                    | 4.79      | 4.88       |
| Tulsa   | 192.54                  | 210.00    | 207.50     | 35.7                 | 40.0      | 39.3       | 4.85                    | 5.25      | 5.28       |
| <b>OREGON</b>                                     | 216.30                  | 246.36    | 243.85     | 38.5                 | 39.8      | 39.4       | 5.67                    | 6.19      | 6.19       |
| Eugene—Springfield                                | 226.34                  | 270.40    | 274.68     | 39.5                 | 41.6      | 42.0       | 5.73                    | 6.50      | 6.54       |
| Jackson County                                    | 218.30                  | 262.70    | 225.64     | 38.5                 | 42.1      | 37.4       | 5.67                    | 6.24      | 6.14       |
| Portland  | 217.35                  | 232.59    | 231.11     | 37.8                 | 38.7      | 38.2       | 5.75                    | 6.01      | 6.05       |

See footnotes at end of table.

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

**C-13. Gross Pennsylvania 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 |           |            |
|--|-------------------------|-----------|------------|----------------------|-----------|------------|-------------------------|-----------|------------|
|  | JULY 1975               | JUNE 1976 | JULY 1976P | JULY 1975            | JUNE 1976 | JULY 1976P | JULY 1975               | JUNE 1976 | JULY 1976P |
| <b>PENNSYLVANIA</b> .....                      | \$189.04                | \$209.47  | \$210.90   | 38.5                 | 39.3      | 39.2       | \$4.91                  | \$5.33    | \$5.38     |
| Allentown—Bethlehem—Easton .....               | 189.91                  | 199.79    | 207.19     | 38.6                 | 38.2      | 38.8       | 4.92                    | 5.23      | 5.34       |
| Altoona .....                                  | 157.38                  | 173.11    | 168.90     | 38.2                 | 38.9      | 38.3       | 4.12                    | 4.45      | 4.41       |
| Delaware Valley <sup>8</sup> .....             | 199.82                  | 221.13    | 221.60     | 38.8                 | 39.7      | 39.5       | 5.15                    | 5.57      | 5.61       |
| Erie .....                                     | 209.08                  | 208.24    | 218.29     | 41.9                 | 40.2      | 40.2       | 4.99                    | 5.18      | 5.43       |
| Harrisburg .....                               | 172.43                  | 169.21    | 191.92     | 39.1                 | 39.5      | 39.9       | 4.41                    | 4.79      | 4.81       |
| Johnstown .....                                | 205.34                  | 230.18    | 249.28     | 36.8                 | 38.3      | 41.0       | 5.58                    | 6.01      | 6.08       |
| Lancaster .....                                | 167.62                  | 189.95    | 190.28     | 38.8                 | 40.5      | 40.4       | 4.32                    | 4.65      | 4.71       |
| Northeast Pennsylvania .....                   | 139.73                  | 148.63    | 148.06     | 36.2                 | 35.9      | 36.2       | 3.86                    | 4.14      | 4.09       |
| Philadelphia SMSA .....                        | 196.98                  | 217.56    | 218.44     | 38.7                 | 39.7      | 39.5       | 5.09                    | 5.48      | 5.53       |
| Pittsburgh .....                               | 224.25                  | 256.14    | 257.52     | 35.0                 | 40.4      | 40.3       | 5.75                    | 6.34      | 6.39       |
| Reading .....                                  | 169.34                  | 188.55    | 184.22     | 38.4                 | 39.2      | 38.3       | 4.41                    | 4.81      | 4.81       |
| Scranton <sup>9</sup> .....                    | 137.50                  | 147.60    | 146.21     | 35.9                 | 36.0      | 36.1       | 3.83                    | 4.10      | 4.05       |
| Wilkes-Barre—Hazleton <sup>10</sup> .....      | 138.22                  | 148.93    | 147.65     | 36.1                 | 35.8      | 36.1       | 3.83                    | 4.16      | 4.05       |
| Williamsport .....                             | 168.52                  | 174.54    | 170.86     | 38.3                 | 38.7      | 37.8       | 4.40                    | 4.51      | 4.52       |
| York .....                                     | 178.27                  | 194.88    | 195.29     | 40.7                 | 41.2      | 41.2       | 4.38                    | 4.73      | 4.74       |
| <b>RHODE ISLAND</b> .....                      | 149.77                  | 165.19    | 166.36     | 38.9                 | 39.9      | 39.8       | 3.85                    | 4.14      | 4.18       |
| Providence—Warwick—Pawtucket .....             | 150.15                  | 166.43    | 167.62     | 38.9                 | 40.2      | 40.1       | 3.86                    | 4.14      | 4.18       |
| <b>SOUTH CAROLINA</b> <sup>1</sup> .....       | 139.48                  | 155.86    | 159.98     | 39.4                 | 40.8      | 40.4       | 3.54                    | 3.82      | 3.96       |
| Charleston—North Charleston <sup>1</sup> ..... | 152.48                  | 173.72    | 182.45     | 38.7                 | 40.4      | 41.0       | 3.94                    | 4.30      | 4.45       |
| Columbia <sup>1</sup> .....                    | 146.94                  | 153.26    | 156.42     | 35.5                 | 39.5      | 39.6       | 3.72                    | 3.88      | 3.95       |
| Greenville—Spartanburg <sup>1</sup> .....      | 141.95                  | 155.80    | 158.00     | 40.1                 | 41.0      | 39.9       | 3.54                    | 3.80      | 3.96       |
| <b>SOUTH DAKOTA</b> .....                      | 175.97                  | 183.31    | 178.85     | 41.7                 | 41.1      | 40.2       | 4.22                    | 4.46      | 4.45       |
| Sioux Falls .....                              | 219.66                  | 237.54    | 233.23     | 42.0                 | 42.8      | 42.1       | 5.23                    | 5.55      | 5.54       |
| <b>TENNESSEE</b> .....                         | 156.02                  | 171.80    | 170.52     | 39.8                 | 41.2      | 40.6       | 3.93                    | 4.17      | 4.20       |
| Chattanooga .....                              | 165.97                  | 184.23    | 180.67     | 39.8                 | 41.4      | 40.6       | 4.17                    | 4.45      | 4.45       |
| Knoxville .....                                | 175.63                  | 205.34    | 205.94     | 38.6                 | 41.4      | 40.7       | 4.55                    | 4.96      | 5.06       |
| Memphis .....                                  | 189.60                  | 194.88    | 191.44     | 40.6                 | 40.6      | 39.8       | 4.67                    | 4.80      | 4.81       |
| Nashville—Davidson .....                       | 163.86                  | 175.56    | 179.50     | 39.2                 | 39.9      | 39.8       | 4.18                    | 4.40      | 4.51       |
| <b>TEXAS</b> .....                             | 166.99                  | 200.93    | 203.94     | 40.3                 | 41.6      | 41.2       | 4.64                    | 4.83      | 4.95       |
| Amarillo .....                                 | 155.30                  | 178.62    | 187.36     | 36.8                 | 39.0      | 39.7       | 4.22                    | 4.58      | 4.72       |
| Austin .....                                   | 162.66                  | 173.42    | 178.67     | 41.6                 | 40.9      | 40.7       | 3.91                    | 4.24      | 4.39       |
| Beaumont—Port Arthur—Orange .....              | 243.27                  | 276.62    | 273.20     | 39.3                 | 40.5      | 40.0       | 6.19                    | 6.83      | 6.83       |
| Corpus Christi .....                           | 199.34                  | 210.27    | 212.35     | 41.1                 | 38.3      | 38.4       | 4.85                    | 5.49      | 5.53       |
| Dallas—Fort Worth .....                        | 174.10                  | 191.98    | 187.42     | 40.3                 | 42.1      | 41.1       | 4.32                    | 4.56      | 4.56       |
| El Paso .....                                  | 130.99                  | 144.67    | 149.77     | 39.1                 | 39.1      | 38.5       | 3.35                    | 3.70      | 3.89       |
| Galveston—Texas City .....                     | 299.88                  | 333.71    | 346.56     | 44.1                 | 44.2      | 45.6       | 6.80                    | 7.55      | 7.60       |
| Houston .....                                  | 226.73                  | 244.86    | 248.20     | 42.3                 | 42.0      | 42.5       | 5.36                    | 5.83      | 5.84       |
| Lubbock .....                                  | 141.23                  | 151.89    | 155.08     | 38.8                 | 41.5      | 41.8       | 3.64                    | 3.66      | 3.71       |
| San Antonio .....                              | 140.75                  | 150.26    | 150.38     | 40.1                 | 40.5      | 40.1       | 3.51                    | 3.71      | 3.75       |
| Waco .....                                     | 156.58                  | 172.73    | 168.90     | 40.4                 | 39.8      | 38.3       | 3.95                    | 4.34      | 4.41       |
| Wichita Falls .....                            | 156.49                  | 175.67    | 175.89     | 37.6                 | 39.3      | 39.0       | 4.14                    | 4.47      | 4.51       |
| <b>UTAH</b> .....                              | 155.33                  | 159.80    | 162.24     | 38.2                 | 38.6      | 39.0       | 4.07                    | 4.14      | 4.16       |
| Salt Lake City—Ogden .....                     | 155.42                  | 159.51    | 159.94     | 38.5                 | 39.0      | 39.2       | 4.05                    | 4.09      | 4.08       |
| <b>VERMONT</b> .....                           | 166.05                  | 177.94    | 181.72     | 40.5                 | 41.0      | 41.3       | 4.10                    | 4.34      | 4.40       |
| Burlington .....                               | 190.34                  | 207.83    | 218.44     | 41.2                 | 42.5      | 43.0       | 4.62                    | 4.89      | 5.08       |
| Springfield .....                              | 180.69                  | 186.59    | 195.05     | 35.8                 | 39.7      | 40.3       | 4.54                    | 4.70      | 4.84       |
| <b>VIRGINIA</b> .....                          | 156.00                  | 170.40    | 173.17     | 39.0                 | 40.0      | 39.9       | 4.00                    | 4.26      | 4.34       |
| Lynchburg .....                                | 147.84                  | 170.74    | 174.26     | 38.6                 | 39.8      | 41.1       | 3.83                    | 4.29      | 4.24       |
| Norfolk—Virginia Beach—Portsmouth .....        | 159.60                  | 188.55    | 201.48     | 39.8                 | 41.9      | 43.8       | 4.01                    | 4.50      | 4.60       |
| Northern Virginia <sup>11</sup> .....          | 202.21                  | 188.16    | 194.83     | 40.2                 | 38.4      | 39.6       | 5.03                    | 4.90      | 4.92       |
| Richmond .....                                 | 176.02                  | 201.80    | 191.12     | 38.1                 | 40.2      | 38.3       | 4.62                    | 5.02      | 4.99       |
| Roanoke .....                                  | 142.32                  | 148.97    | 157.61     | 39.1                 | 39.1      | 39.8       | 3.64                    | 3.81      | 3.96       |
| <b>WASHINGTON</b> .....                        | 225.41                  | 247.35    | 247.29     | 38.4                 | 39.2      | 38.7       | 5.87                    | 6.31      | 6.39       |
| Seattle—Everett .....                          | 234.60                  | 254.52    | 253.11     | 39.1                 | 39.4      | 39.0       | 6.00                    | 6.46      | 6.49       |
| Spokane .....                                  | 205.88                  | 217.06    | 215.24     | 38.7                 | 38.9      | 36.0       | 5.32                    | 5.58      | 6.05       |
| Tacoma .....                                   | 223.76                  | 246.52    | 242.56     | 37.8                 | 38.7      | 37.9       | 5.92                    | 6.37      | 6.40       |
| <b>WEST VIRGINIA</b> .....                     | 183.70                  | 213.05    | 213.95     | 37.8                 | 39.6      | 38.9       | 4.86                    | 5.38      | 5.50       |
| Charleston .....                               | 224.62                  | 244.96    | 246.84     | 40.4                 | 41.1      | 40.4       | 5.56                    | 5.96      | 6.11       |
| Huntington—Ashland .....                       | 211.48                  | 239.38    | 236.95     | 37.9                 | 40.3      | 40.1       | 5.58                    | 5.94      | 5.91       |
| Parkersburg—Marietta .....                     | 203.37                  | 235.91    | 241.13     | 38.3                 | 41.1      | 40.8       | 5.31                    | 5.74      | 5.91       |

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 |              |               |
|---------------------------------|-------------------------|--------------|---------------|----------------------|--------------|---------------|-------------------------|--------------|---------------|
|                                 | JULY<br>1975            | JUNE<br>1976 | JULY<br>1976P | JULY<br>1975         | JUNE<br>1976 | JULY<br>1976P | JULY<br>1975            | JUNE<br>1976 | JULY<br>1976P |
| <b>WEST VIRGINIA--Continued</b> |                         |              |               |                      |              |               |                         |              |               |
| Wheeling .....                  | \$155.91                | \$217.80     | \$226.94      | 39.9                 | 39.6         | 39.4          | \$4.91                  | \$5.50       | \$5.76        |
| <b>WISCONSIN</b>                |                         |              |               |                      |              |               |                         |              |               |
| Appleton-Oshkosh .....          | 209.11                  | 227.45       | 226.94        | 40.3                 | 40.3         | 40.2          | 5.20                    | 5.65         | 5.64          |
| Green Bay .....                 | 202.78                  | 223.21       | 221.22        | 41.5                 | 41.2         | 40.8          | 4.89                    | 5.42         | 5.42          |
| Kenosha .....                   | 214.79                  | 231.99       | 232.31        | 41.4                 | 41.7         | 41.1          | 5.19                    | 5.57         | 5.65          |
| La Crosse .....                 | 252.61                  | 256.45       | 261.22        | 38.9                 | 38.5         | 38.9          | 6.49                    | 6.66         | 6.71          |
| Madison .....                   | 189.86                  | 189.90       | 187.06        | 41.4                 | 40.5         | 40.5          | 4.59                    | 4.65         | 4.62          |
| Milwaukee .....                 | 229.26                  | 247.03       | 251.69        | 39.5                 | 39.9         | 40.2          | 5.80                    | 6.20         | 6.25          |
| Racine .....                    | 230.70                  | 247.87       | 249.80        | 40.1                 | 39.9         | 40.0          | 5.76                    | 6.21         | 6.24          |
|                                 | 221.02                  | 237.19       | 247.51        | 38.7                 | 39.7         | 40.1          | 5.71                    | 5.98         | 6.18          |
| <b>WYOMING</b>                  |                         |              |               |                      |              |               |                         |              |               |
| Casper .....                    | 206.85                  | 215.42       | 215.74        | 40.4                 | 41.1         | 41.5          | 5.12                    | 5.24         | 5.20          |
| Cheyenne .....                  | 233.86                  | 315.84       | 280.46        | 36.8                 | 44.3         | 42.2          | 6.36                    | 7.12         | 6.65          |
|                                 | (*)                     | (*)          | (*)           | (*)                  | (*)          | (*)           | (*)                     | (*)          | (*)           |

<sup>1</sup> Based on 1972 Standard Industrial Classification.

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

<sup>3</sup> Subarea of New York--Northeastern New Jersey.

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

<sup>5</sup> Area included in New York and Nassau--Suffolk combined SMSA's.

<sup>6</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>7</sup> Revised to 1975 benchmark; not strictly comparable with previously published data.

<sup>8</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area: Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pennsylvania.

<sup>9</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Lackawanna County.

<sup>10</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area: Luzerne County.

<sup>11</sup> Subarea of Washington, D.C. Standard Metropolitan Statistical Area: Alexandria, Fairfax, Falls Church, Manassas, and Manassas Park cities, and Arlington, Fairfax, Loudoun, and Prince William Counties, Virginia.

p= preliminary.

\* Not available.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

[Per 100 employees]

| Year                     | Annual average | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|--------------------------|----------------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| <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                     | -              | 3.8  | 3.5  | 4.2  | 3.9  | 4.4 | 4.8  | p4.2 |      |       |      |      |      |
| <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  | 2.1  | 2.6  | 2.5  | 3.0 | 3.6  | p2.8 |      |       |      |      |      |
| <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                     | -              | 3.7  | 3.1  | 3.5  | 3.5  | 3.4 | 3.5  | p4.5 |      |       |      |      |      |
| <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  | 1.2  | 1.5  | 1.6  | 1.7 | 1.8  | p1.8 |      |       |      |      |      |
| <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  | 1.1  | 1.1  | 1.1  | .9  | .9   | p1.7 |      |       |      |      |      |

p=preliminary.

# ESTABLISHMENT DATA LABOR TURNOVER

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

[Per 100 employees]

| SIC Code       | Industry                                | Accession rates |                        |           |                        | Separation rates |                        |           |                        |           |                        |
|----------------|---|-----------------|------------------------|-----------|------------------------|------------------|------------------------|-----------|------------------------|-----------|------------------------|
|                |   | Total           |                        | New hires |                        | Total            |                        | Quits     |                        | Layoffs   |                        |
|                |   | June 1976       | July 1976 <sup>P</sup> | June 1976 | July 1976 <sup>P</sup> | June 1976        | July 1976 <sup>P</sup> | June 1976 | July 1976 <sup>P</sup> | June 1976 | July 1976 <sup>P</sup> |
| -              | <b>MANUFACTURING</b>                    | 4.8             | 4.2                    | 3.6       | 2.8                    | 3.5              | 4.5                    | 1.8       | 1.8                    | 0.9       | 1.7                    |
| 19,24,25,32-39 | <b>DURABLE GOODS</b>                    | 4.4             | 3.6                    | 3.2       | 2.4                    | 3.2              | 4.0                    | 1.5       | 1.5                    | .8        | 1.6                    |
| 20-23,26-31    | <b>NONDURABLE GOODS</b>                 | 5.3             | 5.2                    | 4.2       | 3.4                    | 4.1              | 5.1                    | 2.2       | 2.3                    | 1.1       | 1.9                    |
|                | <b>DURABLE GOODS</b>                    |                 |                        |           |                        |                  |                        |           |                        |           |                        |
| 19             | <b>ORDNANCE AND ACCESSORIES</b>         | 1.8             | -                      | 1.1       | -                      | 1.6              | -                      | .5        | -                      | .6        | -                      |
| 192            | Ammunition, except for small arms       | 1.6             | -                      | .8        | -                      | 1.6              | -                      | .4        | -                      | .8        | -                      |
| 24             | <b>LUMBER AND WOOD PRODUCTS</b>         | 7.4             | 5.6                    | 6.2       | 4.7                    | 4.7              | 5.3                    | 3.1       | 3.3                    | .7        | 1.0                    |
| 242            | Sawmills and planing mills              | 6.6             | -                      | 5.6       | -                      | 4.4              | -                      | 2.9       | -                      | .5        | -                      |
| 2421           | Sawmills and planing mills, general     | 6.7             | -                      | 5.6       | -                      | 4.0              | -                      | 2.7       | -                      | .4        | -                      |
| 243            | Millwork, plywood and related products  | 7.7             | -                      | 6.7       | -                      | 4.8              | -                      | 3.1       | -                      | .5        | -                      |
| 2431           | Millwork                                | 8.0             | -                      | 7.2       | -                      | 5.2              | -                      | 3.5       | -                      | .5        | -                      |
| 2432           | Veneer and plywood                      | 6.0             | -                      | 5.3       | -                      | 3.8              | -                      | 2.5       | -                      | .4        | -                      |
| 244            | Wooden containers                       | 7.7             | -                      | 6.5       | -                      | 6.1              | -                      | 4.2       | -                      | .8        | -                      |
| 2441,2         | Wooden boxes, shooks, and crates        | 7.8             | -                      | 6.4       | -                      | 6.5              | -                      | 4.4       | -                      | .9        | -                      |
| 249            | Miscellaneous wood products             | 6.4             | -                      | 5.4       | -                      | 6.1              | -                      | 3.7       | -                      | 1.3       | -                      |
| 25             | <b>FURNITURE AND FIXTURES</b>           | 5.5             | 6.1                    | 4.6       | 4.4                    | 5.2              | 7.1                    | 3.0       | 3.3                    | 1.1       | 2.7                    |
| 251            | Household furniture                     | 5.2             | -                      | 4.7       | -                      | 5.5              | -                      | 3.3       | -                      | 1.1       | -                      |
| 2511           | Wood household furniture                | 6.1             | -                      | 5.6       | -                      | 5.2              | -                      | 3.7       | -                      | .4        | -                      |
| 2512           | Upholstered household furniture         | 3.9             | -                      | 3.5       | -                      | 4.4              | -                      | 2.8       | -                      | .8        | -                      |
| 2515           | Mattresses and bedsprings               | 5.4             | -                      | 4.6       | -                      | 5.1              | -                      | 3.0       | -                      | .3        | -                      |
| 252            | Office furniture                        | 4.2             | -                      | 1.7       | -                      | 3.1              | -                      | 1.2       | -                      | 1.4       | -                      |
| 32             | <b>STONE, CLAY, AND GLASS PRODUCTS</b>  | 5.4             | 4.2                    | 3.8       | 3.0                    | 3.4              | 3.6                    | 1.7       | 1.6                    | .8        | 1.1                    |
| 321            | Flat glass                              | 3.9             | -                      | .9        | -                      | 2.8              | -                      | .4        | -                      | 1.6       | -                      |
| 322            | Glass and glassware, pressed or blown   | 5.6             | -                      | 3.2       | -                      | 3.0              | -                      | 1.2       | -                      | .2        | -                      |
| 3221           | Glass containers                        | 5.6             | -                      | 4.2       | -                      | 2.4              | -                      | 1.5       | -                      | .1        | -                      |
| 3229           | Pressed and blown glass, nec            | 5.5             | -                      | 1.9       | -                      | 3.8              | -                      | .9        | -                      | .4        | -                      |
| 324            | Cement, hydraulic                       | 2.8             | -                      | 2.1       | -                      | 1.8              | -                      | .3        | -                      | 1.0       | -                      |
| 324            | Structural clay products                | 7.9             | -                      | 6.8       | -                      | 5.0              | -                      | 3.1       | -                      | .5        | -                      |
| 3251           | Brick and structural clay tile          | 10.0            | -                      | 9.4       | -                      | 6.3              | -                      | 4.6       | -                      | .3        | -                      |
| 326            | Pottery and related products            | 4.7             | -                      | 3.6       | -                      | 3.5              | -                      | 1.9       | -                      | .5        | -                      |
| 3291           | Abrasive products                       | 4.3             | -                      | 2.8       | -                      | 2.1              | -                      | 1.1       | -                      | .4        | -                      |
| 33             | <b>PRIMARY METAL INDUSTRIES</b>         | 3.9             | 2.7                    | 2.1       | 1.4                    | 2.3              | 2.4                    | .7        | .7                     | .7        | .7                     |
| 331            | Blast furnace and basic steel products  | 4.4             | -                      | 1.8       | -                      | 1.9              | -                      | .3        | -                      | .8        | -                      |
| 3312           | Blast furnaces and steel mills          | 4.3             | -                      | 1.8       | -                      | 1.9              | -                      | .3        | -                      | .7        | -                      |
| 332            | Iron and steel foundries                | 3.6             | -                      | 2.3       | -                      | 2.9              | -                      | 1.3       | -                      | .8        | -                      |
| 3321           | Gray iron foundries                     | 3.8             | -                      | 2.7       | -                      | 2.8              | -                      | 1.4       | -                      | .7        | -                      |
| 3322           | Malleable iron foundries                | 2.9             | -                      | 1.2       | -                      | 2.0              | -                      | 1.1       | -                      | .3        | -                      |
| 3323           | Steel foundries                         | 3.4             | -                      | 1.7       | -                      | 3.4              | -                      | 1.1       | -                      | 1.4       | -                      |
| 333,4          | Nonferrous metals                       | 4.0             | -                      | 2.9       | -                      | 2.0              | -                      | .7        | -                      | .6        | -                      |
| 335            | Nonferrous rolling and drawing          | 2.9             | -                      | 1.7       | -                      | 1.8              | -                      | .6        | -                      | .3        | -                      |
| 3351           | Copper rolling and drawing              | 3.4             | -                      | 2.4       | -                      | 1.9              | -                      | .7        | -                      | .4        | -                      |
| 3352           | Aluminum rolling and drawing            | 3.2             | -                      | 1.4       | -                      | 1.5              | -                      | .6        | -                      | .2        | -                      |
| 3357           | Nonferrous wire drawing, and insulating | 2.2             | -                      | 1.3       | -                      | 2.1              | -                      | .6        | -                      | .4        | -                      |
| 336            | Nonferrous foundries                    | 5.1             | -                      | 4.0       | -                      | 3.9              | -                      | 1.8       | -                      | .9        | -                      |
| 3361           | Aluminum castings                       | 4.9             | -                      | 3.9       | -                      | 4.2              | -                      | 2.0       | -                      | 1.3       | -                      |
| 3362,9         | Other nonferrous castings               | 5.4             | -                      | 4.1       | -                      | 3.5              | -                      | 1.7       | -                      | .4        | -                      |
| 339            | Miscellaneous primary metal products    | 2.8             | -                      | 1.7       | -                      | 2.4              | -                      | .9        | -                      | .9        | -                      |
| 3391           | Iron and steel forgings                 | 2.4             | -                      | 1.5       | -                      | 2.6              | -                      | .9        | -                      | .9        | -                      |
| 34             | <b>FABRICATED METAL PRODUCTS</b>        | 5.0             | -                      | 3.8       | -                      | 3.8              | -                      | 1.7       | -                      | 1.2       | -                      |
| 341            | Metal cans                              | 6.7             | -                      | 2.3       | -                      | 4.9              | -                      | .6        | -                      | 2.7       | -                      |
| 342            | Cutlery, hand tools, and hardware       | 4.0             | -                      | 3.3       | -                      | 2.9              | -                      | 1.5       | -                      | .7        | -                      |
| 3421,3,5       | Cutlery and hand tools, incl. saws      | 3.7             | -                      | 2.8       | -                      | 2.3              | -                      | 1.3       | -                      | .5        | -                      |
| 3429           | Hardware, nec                           | 4.1             | -                      | 3.6       | -                      | 3.4              | -                      | 1.7       | -                      | .9        | -                      |
| 343            | Plumbing and heating, except electric   | 4.0             | -                      | 3.4       | -                      | 3.1              | -                      | 1.7       | -                      | .5        | -                      |
| 3431,2         | Sanitary ware and plumbers' brass goods | 3.8             | -                      | 3.3       | -                      | 3.0              | -                      | 1.7       | -                      | .5        | -                      |
| 3433           | Heating equipment, except electric      | 4.1             | -                      | 3.4       | -                      | 3.2              | -                      | 1.7       | -                      | .6        | -                      |
| 344            | Fabricated structural metal products    | 5.5             | -                      | 4.3       | -                      | 3.9              | -                      | 1.9       | -                      | 1.1       | -                      |
| 3441           | Fabricated structural steel             | 4.9             | -                      | 3.4       | -                      | 4.0              | -                      | 1.7       | -                      | 1.5       | -                      |
| 3443           | Fabricated plate work (boiler shops)    | 2.9             | -                      | 2.3       | -                      | 2.6              | -                      | 1.1       | -                      | .8        | -                      |
| 3446,9         | Architectural and misc. metal work      | 6.4             | -                      | 4.0       | -                      | 3.9              | -                      | 2.4       | -                      | .7        | -                      |
| 345            | Screw machine products, bolts, etc.     | 4.1             | -                      | 3.4       | -                      | 3.0              | -                      | 1.7       | -                      | .5        | -                      |
| 3452           | Bolts, nuts, rivets, and washers        | 3.2             | -                      | 2.5       | -                      | 2.4              | -                      | 1.2       | -                      | .5        | -                      |

See footnotes at end of table.

**ESTABLISHMENT DATA  
LABOR TURNOVER**

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

[Per 100 employees]

| SIC Code | Industry  | Accession rates |                        |           |                        | Separation rates |                        |           |                        |           |                        |
|----------|---|-----------------|------------------------|-----------|------------------------|------------------|------------------------|-----------|------------------------|-----------|------------------------|
|          |   | Total           |                        | New hires |                        | Total            |                        | Quits     |                        | Layoffs   |                        |
|          |   | June 1976       | July 1976 <sup>P</sup> | June 1976 | July 1976 <sup>P</sup> | June 1976        | July 1976 <sup>P</sup> | June 1976 | July 1976 <sup>P</sup> | June 1976 | July 1976 <sup>P</sup> |
|          | <b>DURABLE GOODS — Continued</b>                      |                 |                        |           |                        |                  |                        |           |                        |           |                        |
|          | <b>FABRICATED METAL PRODUCTS — Continued</b>          |                 |                        |           |                        |                  |                        |           |                        |           |                        |
| 346      | Metal stampings .....                                 | 4.5             | -                      | 3.2       | -                      | 4.2              | -                      | 1.4       | -                      | 1.8       | -                      |
| 348      | Miscellaneous fabricated wire products .....          | 5.1             | -                      | 4.1       | -                      | 3.9              | -                      | 2.1       | -                      | .9        | -                      |
| 349      | Miscellaneous fabricated metal products .....         | 4.3             | -                      | 3.5       | -                      | 2.9              | -                      | 1.6       | -                      | .6        | -                      |
| 3494,8   | Valves, pipe, and pipe fittings .....                 | 3.8             | -                      | 3.0       | -                      | 2.7              | -                      | 1.5       | -                      | .5        | -                      |
| 35       | <b>MACHINERY, EXCEPT ELECTRICAL .....</b>             | 3.3             | 2.7                    | 2.3       | 1.8                    | 2.4              | 2.7                    | 1.0       | 1.1                    | .6        | 0.8                    |
| 351      | Engines and turbines .....                            | 2.5             | -                      | .9        | -                      | 2.2              | -                      | .6        | -                      | .6        | -                      |
| 3511     | Steam engines and turbines .....                      | 1.6             | -                      | 1.0       | -                      | 1.3              | -                      | .3        | -                      | .1        | -                      |
| 3519     | Internal combustion engines, nec .....                | 3.1             | -                      | .9        | -                      | 2.7              | -                      | .8        | -                      | .9        | -                      |
| 352      | Farm machinery .....                                  | 3.6             | -                      | 2.1       | -                      | 2.9              | -                      | 1.0       | -                      | 1.0       | -                      |
| 353      | Construction and related machinery .....              | 2.9             | -                      | 2.0       | -                      | 2.5              | -                      | 1.0       | -                      | .9        | -                      |
| 3531,2   | Construction and mining machinery .....               | 2.5             | -                      | 1.5       | -                      | 2.1              | -                      | .7        | -                      | 1.0       | -                      |
| 3533     | Oil field machinery .....                             | 3.1             | -                      | 2.6       | -                      | 3.0              | -                      | 1.6       | -                      | .6        | -                      |
| 3535,6   | Conveyors, hoists, cranes, monorails .....            | 3.0             | -                      | 2.4       | -                      | 2.3              | -                      | .9        | -                      | .5        | -                      |
| 354      | Metal working machinery .....                         | 3.3             | -                      | 2.3       | -                      | 2.3              | -                      | 1.1       | -                      | .5        | -                      |
| 3541     | Machine tools, metal cutting types .....              | 2.5             | -                      | 1.6       | -                      | 1.4              | -                      | .6        | -                      | .2        | -                      |
| 3545     | Machine tool accessories .....                        | 2.4             | -                      | 1.8       | -                      | 1.8              | -                      | .9        | -                      | .3        | -                      |
| 3542,8   | Miscellaneous metal working machinery .....           | 3.1             | -                      | 2.2       | -                      | 1.9              | -                      | 1.0       | -                      | .3        | -                      |
| 355      | Special industry machinery .....                      | 3.2             | -                      | 2.3       | -                      | 2.0              | -                      | 1.1       | -                      | .4        | -                      |
| 3551     | Food products machinery .....                         | 3.2             | -                      | 2.4       | -                      | 2.3              | -                      | 1.3       | -                      | .6        | -                      |
| 3552     | Textile machinery .....                               | 3.9             | -                      | 2.4       | -                      | 2.7              | -                      | 1.3       | -                      | .5        | -                      |
| 356      | General industrial machinery .....                    | 3.3             | -                      | 2.1       | -                      | 2.1              | -                      | .9        | -                      | .6        | -                      |
| 3561     | Pumps and compressors .....                           | 2.7             | -                      | 1.7       | -                      | 1.9              | -                      | .7        | -                      | .5        | -                      |
| 3562     | Ball and roller bearings .....                        | 3.6             | -                      | 1.6       | -                      | 1.8              | -                      | .6        | -                      | .6        | -                      |
| 3566     | Power transmission equipment .....                    | 2.8             | -                      | 1.5       | -                      | 1.8              | -                      | .9        | -                      | .4        | -                      |
| 357      | Office and computing machines .....                   | 3.0             | -                      | 2.5       | -                      | 1.9              | -                      | .9        | -                      | .3        | -                      |
| 3573     | Electronic computing equipment .....                  | 3.2             | -                      | 2.7       | -                      | 1.9              | -                      | .9        | -                      | .2        | -                      |
| 358      | Service industry machines .....                       | 4.5             | -                      | 3.4       | -                      | 2.9              | -                      | 1.3       | -                      | .6        | -                      |
| 3585     | Refrigeration machinery .....                         | 4.3             | -                      | 3.1       | -                      | 3.1              | -                      | 1.3       | -                      | .7        | -                      |
| 36       | <b>ELECTRICAL EQUIPMENT AND SUPPLIES .....</b>        | 3.9             | -                      | 2.7       | -                      | 3.0              | -                      | 1.3       | -                      | .7        | -                      |
| 361      | Electric test and distributing equipment .....        | 3.7             | -                      | 2.7       | -                      | 2.5              | -                      | 1.3       | -                      | .3        | -                      |
| 3611     | Electric measuring instruments .....                  | 2.7             | -                      | 2.0       | -                      | 1.6              | -                      | 1.1       | -                      | .1        | -                      |
| 3612     | Transformers .....                                    | 3.7             | -                      | 2.6       | -                      | 3.3              | -                      | 1.1       | -                      | .7        | -                      |
| 3613     | Switchgear and switchboard apparatus .....            | 4.7             | -                      | 3.4       | -                      | 2.8              | -                      | 1.7       | -                      | .1        | -                      |
| 362      | Electrical industrial apparatus .....                 | 3.7             | -                      | 2.5       | -                      | 2.6              | -                      | 1.3       | -                      | .4        | -                      |
| 3621     | Motors and generators .....                           | 3.3             | -                      | 2.4       | -                      | 2.6              | -                      | 1.2       | -                      | .6        | -                      |
| 3622     | Industrial controls .....                             | 3.8             | -                      | 2.2       | -                      | 2.4              | -                      | 1.2       | -                      | .2        | -                      |
| 363      | Household appliances .....                            | 4.9             | -                      | 2.3       | -                      | 5.6              | -                      | 1.7       | -                      | 2.4       | -                      |
| 3632     | Household refrigerators and freezers .....            | 5.1             | -                      | .8        | -                      | 12.0             | -                      | 1.0       | -                      | 8.2       | -                      |
| 3633     | Household laundry equipment .....                     | 5.8             | -                      | 2.1       | -                      | 1.9              | -                      | .9        | -                      | .2        | -                      |
| 3634     | Electric housewares and fans .....                    | 5.3             | -                      | 3.7       | -                      | 4.2              | -                      | 2.9       | -                      | .7        | -                      |
| 364      | Electric lighting and wiring equipment .....          | 3.8             | -                      | 2.9       | -                      | 3.0              | -                      | 1.4       | -                      | .7        | -                      |
| 3641     | Electric lamps .....                                  | 2.9             | -                      | 2.1       | -                      | 1.8              | -                      | .9        | -                      | .1        | -                      |
| 3642     | Lighting fixtures .....                               | 4.2             | -                      | 3.0       | -                      | 4.1              | -                      | 1.7       | -                      | 1.4       | -                      |
| 3643,4   | Wiring devices .....                                  | 4.0             | -                      | 3.2       | -                      | 2.8              | -                      | 1.4       | -                      | .6        | -                      |
| 365      | Radio and TV receiving equipment .....                | 4.6             | -                      | 3.1       | -                      | 3.5              | -                      | 1.5       | -                      | .7        | -                      |
| 366      | Communication equipment .....                         | 2.4             | -                      | 1.6       | -                      | 2.1              | -                      | .7        | -                      | .6        | -                      |
| 3661     | Telephone and telegraph apparatus .....               | 1.6             | -                      | 1.0       | -                      | 2.0              | -                      | .4        | -                      | .6        | -                      |
| 3662     | Radio and TV communication equipment .....            | 2.8             | -                      | 1.9       | -                      | 2.1              | -                      | .8        | -                      | .5        | -                      |
| 367      | Electronic components and accessories .....           | 5.4             | -                      | 4.2       | -                      | 3.5              | -                      | 2.0       | -                      | .5        | -                      |
| 3671-3   | Electron tubes .....                                  | 4.0             | -                      | 2.1       | -                      | 3.8              | -                      | .9        | -                      | 1.4       | -                      |
| 3674,9   | Other electronic components .....                     | 5.6             | -                      | 4.5       | -                      | 3.5              | -                      | 2.1       | -                      | .4        | -                      |
| 369      | Miscellaneous electrical equipment and supplies ..... | 3.6             | -                      | 2.6       | -                      | 2.0              | -                      | 1.0       | -                      | .5        | -                      |
| 3694     | Engine electrical equipment .....                     | 3.3             | -                      | 2.3       | -                      | 1.6              | -                      | .7        | -                      | .2        | -                      |
| 37       | <b>TRANSPORTATION EQUIPMENT .....</b>                 | 4.3             | -                      | 3.0       | -                      | 3.2              | -                      | 1.3       | -                      | .9        | -                      |
| 371      | Motor vehicles and equipment .....                    | 4.2             | -                      | 3.0       | -                      | 2.4              | -                      | .9        | -                      | .6        | -                      |
| 3711     | Motor vehicles .....                                  | 4.8             | -                      | 3.6       | -                      | 2.1              | -                      | .8        | -                      | .5        | -                      |
| 3712     | Passenger car bodies .....                            | 1.8             | -                      | 1.1       | -                      | 3.2              | -                      | .7        | -                      | 1.7       | -                      |
| 3713     | Truck and bus bodies .....                            | 4.5             | -                      | 4.1       | -                      | 3.6              | -                      | 1.7       | -                      | .4        | -                      |
| 3714     | Motor vehicle parts and accessories .....             | 4.0             | -                      | 2.6       | -                      | 2.5              | -                      | .8        | -                      | .7        | -                      |
| 372      | Aircraft and parts .....                              | 2.0             | -                      | 1.2       | -                      | 1.6              | -                      | .6        | -                      | .5        | -                      |
| 3721     | Aircraft .....  | 1.9             | -                      | 1.1       | -                      | 1.7              | -                      | .6        | -                      | .6        | -                      |
| 3722     | Aircraft engines and engine parts .....               | 1.4             | -                      | .8        | -                      | 1.0              | -                      | .3        | -                      | .2        | -                      |
| 3723,9   | Other aircraft parts and equipment .....              | 2.7             | -                      | 2.1       | -                      | 2.5              | -                      | 1.1       | -                      | .8        | -                      |
| 373      | Ship and boat building and repairing .....            | 7.1             | -                      | 4.1       | -                      | 5.9              | -                      | 2.6       | -                      | 2.1       | -                      |
| 3731     | Ship building and repairing .....                     | 7.5             | -                      | 3.8       | -                      | 5.9              | -                      | 2.2       | -                      | 2.2       | -                      |
| 374      | Railroad equipment .....                              | 4.7             | -                      | .9        | -                      | 4.8              | -                      | .6        | -                      | 3.0       | -                      |
| 375,9    | Other transportation equipment .....                  | 8.5             | -                      | 7.7       | -                      | 7.9              | -                      | 4.5       | -                      | 1.2       | -                      |

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   |                        |
|          |   | June 1976       | July 1976 <sup>p</sup> | June 1976 | July 1976 <sup>p</sup> | June 1976        | July 1976 <sup>p</sup> | June 1976 | July 1976 <sup>p</sup> | June 1976 | July 1976 <sup>p</sup> |
|          | <b>DURABLE GOODS — Continued</b>              |                 |                        |           |                        |                  |                        |           |                        |           |                        |
| 38       | <b>INSTRUMENTS AND RELATED PRODUCTS</b>       | 3.9             | 2.6                    | 3.2       | 2.0                    | 2.3              | 2.4                    | 1.2       | 1.2                    | 0.4       | 0.5                    |
| 381      | Engineering and scientific instruments        | 2.1             | -                      | 1.7       | -                      | 2.0              | -                      | .9        | -                      | .5        | -                      |
| 382      | Mechanical measuring and control devices      | 3.9             | -                      | 2.9       | -                      | 2.8              | -                      | 1.3       | -                      | .5        | -                      |
| 3821     | Mechanical measuring devices                  | 3.5             | -                      | 2.7       | -                      | 2.0              | -                      | 1.1       | -                      | .2        | -                      |
| 3822     | Automatic temperature controls                | 4.7             | -                      | 3.2       | -                      | 4.2              | -                      | 1.6       | -                      | 1.1       | -                      |
| 383,5    | Optical and ophthalmic goods                  | 3.7             | -                      | 3.0       | -                      | 3.0              | -                      | 1.4       | -                      | .9        | -                      |
| 384      | Medical instruments and supplies              | 4.8             | -                      | 4.2       | -                      | 2.6              | -                      | 1.7       | -                      | .2        | -                      |
| 386      | Photographic equipment and supplies           | 4.0             | -                      | 3.8       | -                      | 1.0              | -                      | .5        | -                      | .1        | -                      |
| 387      | Watches, clocks, and watchcases               | 4.0             | -                      | 2.3       | -                      | 4.0              | -                      | 1.8       | -                      | 1.0       | -                      |
| 39       | <b>MISCELLANEOUS MANUFACTURING INDUSTRIES</b> | 6.3             | 6.1                    | 4.9       | 4.3                    | 4.5              | 6.0                    | 2.1       | 2.4                    | 1.3       | 2.3                    |
| 391      | Jewelry, silverware, and plated ware          | 4.0             | -                      | 3.0       | -                      | 4.5              | -                      | 1.6       | -                      | 2.1       | -                      |
| 394      | Toys and sporting goods                       | 9.6             | -                      | 7.2       | -                      | 5.8              | -                      | 2.8       | -                      | 1.5       | -                      |
| 3941-3   | Games, toys, dolls and play vehicles          | 13.0            | -                      | 9.8       | -                      | 5.5              | -                      | 3.0       | -                      | .7        | -                      |
| 3949     | Sporting and athletic goods, nec              | 5.5             | -                      | 4.1       | -                      | 6.2              | -                      | 2.6       | -                      | 2.5       | -                      |
| 395      | Pens, pencils, office and art supplies        | 4.5             | -                      | 3.3       | -                      | 2.9              | -                      | 1.6       | -                      | .4        | -                      |
| 396      | Costume jewelry and notions                   | 5.3             | -                      | 4.0       | -                      | 5.3              | -                      | 2.7       | -                      | 1.6       | -                      |
| 393,9    | Other manufacturing industries                | 5.3             | -                      | 4.4       | -                      | 3.7              | -                      | 1.7       | -                      | 1.0       | -                      |
|          | <b>NONDURABLE GOODS</b>                       |                 |                        |           |                        |                  |                        |           |                        |           |                        |
| 20       | <b>FOOD AND KINDRED PRODUCTS</b>              | 7.6             | 8.1                    | 5.8       | 5.6                    | 4.8              | 6.0                    | 2.5       | 2.9                    | 1.5       | 2.3                    |
| 201      | Meat products                                 | 7.4             | -                      | 5.9       | -                      | 5.8              | -                      | 3.5       | -                      | 1.4       | -                      |
| 2011     | Meat packing plants                           | 5.0             | -                      | 3.4       | -                      | 4.0              | -                      | 1.5       | -                      | 1.7       | -                      |
| 2015     | Poultry dressing plants                       | 12.1            | -                      | 10.6      | -                      | 9.4              | -                      | 7.6       | -                      | .6        | -                      |
| 204      | Grain mill products                           | 4.1             | -                      | 3.0       | -                      | 3.2              | -                      | 1.6       | -                      | .6        | -                      |
| 2041     | Flour and other grain mill products           | 4.2             | -                      | 3.4       | -                      | 2.4              | -                      | 1.1       | -                      | .8        | -                      |
| 2042     | Prepared feeds for animals and fowls          | 4.4             | -                      | 3.6       | -                      | 3.3              | -                      | 2.3       | -                      | .3        | -                      |
| 205      | Bakery products                               | 4.9             | -                      | 3.9       | -                      | 3.0              | -                      | 2.0       | -                      | .4        | -                      |
| 2051     | Bread, cake, and related products             | 4.4             | -                      | 4.1       | -                      | 2.9              | -                      | 2.1       | -                      | .3        | -                      |
| 2052     | Cookies and crackers                          | 6.8             | -                      | 2.6       | -                      | 3.3              | -                      | 1.2       | -                      | 1.2       | -                      |
| 207      | Confectionery and related products            | 6.5             | -                      | 3.1       | -                      | 5.3              | -                      | 1.8       | -                      | 2.7       | -                      |
| 2071     | Confectionery products                        | 6.8             | -                      | 3.5       | -                      | 6.4              | -                      | 2.1       | -                      | 3.4       | -                      |
| 208      | Beverages                                     | 6.5             | -                      | 5.1       | -                      | 4.3              | -                      | 2.4       | -                      | 1.0       | -                      |
| 2082     | Malt liquors                                  | 5.4             | -                      | 3.0       | -                      | 2.6              | -                      | .5        | -                      | 1.5       | -                      |
| 21       | <b>TOBACCO MANUFACTURES</b>                   | 3.5             | -                      | 1.3       | -                      | 2.2              | -                      | .6        | -                      | .9        | -                      |
| 211      | Cigarettes                                    | 1.8             | -                      | 1.0       | -                      | 1.0              | -                      | .2        | -                      | (1)       | -                      |
| 212      | Cigars  | 4.2             | -                      | 2.0       | -                      | 2.9              | -                      | 2.1       | -                      | .3        | -                      |
| 22       | <b>TEXTILE MILL PRODUCTS</b>                  | 5.4             | 5.2                    | 4.4       | 3.3                    | 4.7              | 6.0                    | 3.0       | 3.0                    | .7        | 2.0                    |
| 221      | Weaving mills, cotton                         | 5.3             | -                      | 4.2       | -                      | 4.6              | -                      | 3.2       | -                      | .1        | -                      |
| 222      | Weaving mills, synthetics                     | 5.3             | -                      | 4.8       | -                      | 4.5              | -                      | 3.3       | -                      | .1        | -                      |
| 223      | Weaving and finishing mills, wool             | 5.5             | -                      | 4.5       | -                      | 4.2              | -                      | 2.8       | -                      | .5        | -                      |
| 224      | Narrow fabric mills                           | 5.1             | -                      | 3.8       | -                      | 5.1              | -                      | 3.0       | -                      | .8        | -                      |
| 225      | Knitting mills                                | 6.1             | -                      | 4.8       | -                      | 4.7              | -                      | 2.8       | -                      | 1.1       | -                      |
| 2251     | Women's hosiery, except socks                 | 5.7             | -                      | 5.0       | -                      | 4.0              | -                      | 2.5       | -                      | .8        | -                      |
| 2252     | Hosiery, nec                                  | 5.0             | -                      | 4.6       | -                      | 4.1              | -                      | 3.4       | -                      | .3        | -                      |
| 2254     | Knit underwear mills                          | 5.0             | -                      | 4.3       | -                      | 4.1              | -                      | 3.0       | -                      | .3        | -                      |
| 226      | Textile finishing, except wool                | 3.9             | -                      | 3.2       | -                      | 3.1              | -                      | 1.8       | -                      | .5        | -                      |
| 227      | Floor covering mills                          | 3.7             | -                      | 3.0       | -                      | 4.0              | -                      | 2.1       | -                      | 1.2       | -                      |
| 228      | Yarn and thread mills                         | 6.6             | -                      | 5.5       | -                      | 6.5              | -                      | 4.2       | -                      | 1.1       | -                      |
| 229      | Miscellaneous textile goods                   | 3.8             | -                      | 2.9       | -                      | 3.7              | -                      | 2.0       | -                      | .8        | -                      |
| 23       | <b>APPAREL AND OTHER TEXTILE PRODUCTS</b>     | 6.1             | 6.8                    | 4.5       | 3.6                    | 6.0              | 8.5                    | 3.2       | 3.3                    | 1.9       | 4.2                    |
| 231      | Men's and boys' suits and coats               | 4.1             | -                      | 2.7       | -                      | 3.8              | -                      | 1.6       | -                      | 1.4       | -                      |
| 232      | Men's and boys' furnishings                   | 6.1             | -                      | 5.0       | -                      | 5.5              | -                      | 4.0       | -                      | .6        | -                      |
| 2321     | Men's and boys' shirts and nightwear          | 6.2             | -                      | 5.0       | -                      | 5.2              | -                      | 3.8       | -                      | .5        | -                      |
| 2327     | Men's and boys' separate trousers             | 5.2             | -                      | 4.6       | -                      | 4.9              | -                      | 3.6       | -                      | .6        | -                      |
| 2328     | Men's and boys' work clothing                 | 6.1             | -                      | 5.4       | -                      | 6.0              | -                      | 4.9       | -                      | .3        | -                      |
| 234      | Women's and children's undergarments          | 7.2             | -                      | 5.6       | -                      | 5.5              | -                      | 3.5       | -                      | .9        | -                      |
| 2341     | Women's and children's underwear              | 8.3             | -                      | 6.5       | -                      | 6.1              | -                      | 4.0       | -                      | .8        | -                      |
| 2342     | Corsets and allied garments                   | 3.7             | -                      | 2.8       | -                      | 3.7              | -                      | 1.9       | -                      | 1.1       | -                      |
| 26       | <b>PAPER AND ALLIED PRODUCTS</b>              | 4.0             | 2.8                    | 3.2       | 2.1                    | 2.5              | 3.0                    | 1.2       | 1.3                    | .6        | .9                     |
| 261,2,6  | Paper and pulp mills                          | 3.3             | -                      | 2.6       | -                      | 1.7              | -                      | .6        | -                      | .7        | -                      |
| 263      | Paperboard mills                              | 3.6             | -                      | 2.9       | -                      | 1.7              | -                      | .8        | -                      | .4        | -                      |

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          |                        |
|          |  | June 1976       | July 1976 <sup>p</sup> | June 1976 | July 1976 <sup>p</sup> | June 1976        | July 1976 <sup>p</sup> | June 1976 | July 1976 <sup>p</sup> | June 1976        | July 1976 <sup>p</sup> |
|          | <b>NONDURABLE GOODS—Continued</b>          |                 |                        |           |                        |                  |                        |           |                        |                  |                        |
|          | <b>PAPER AND ALLIED PRODUCTS—Continued</b> |                 |                        |           |                        |                  |                        |           |                        |                  |                        |
| 264      | Miscellaneous converted paper products     | 4.1             | -                      | 3.2       | -                      | 2.7              | -                      | 1.5       | -                      | 0.5              | -                      |
| 2643     | Bags, except textile bags                  | 4.2             | -                      | 3.1       | -                      | 3.6              | -                      | 1.9       | -                      | .8               | -                      |
| 265      | Paperboard containers and boxes            | 4.9             | -                      | 3.8       | -                      | 3.3              | -                      | 1.6       | -                      | .7               | -                      |
| 2651,2   | Folding and setup paperboard boxes         | 5.0             | -                      | 3.9       | -                      | 3.5              | -                      | 1.6       | -                      | .7               | -                      |
| 2653     | Corrugated and solid fiber boxes           | 4.6             | -                      | 3.8       | -                      | 2.7              | -                      | 1.5       | -                      | .4               | -                      |
| 27       | <b>PRINTING AND PUBLISHING</b>             | 3.7             | 3.1                    | 3.0       | 2.5                    | 2.8              | 3.0                    | 1.6       | 1.7                    | .6               | 0.7                    |
| 28       | <b>CHEMICALS AND ALLIED PRODUCTS</b>       | 2.9             | 1.9                    | 2.2       | 1.4                    | 1.6              | 1.6                    | .7        | .7                     | .4               | .3                     |
| 281      | Industrial chemicals                       | 2.6             | -                      | 2.0       | -                      | 1.2              | -                      | .5        | -                      | .2               | -                      |
| 282      | Plastics materials and synthetics          | 2.1             | -                      | 1.6       | -                      | 1.3              | -                      | .6        | -                      | .3               | -                      |
| 2821     | Plastics materials and resins              | 3.0             | -                      | 2.6       | -                      | 1.3              | -                      | .6        | -                      | .1               | -                      |
| 2823,4   | Synthetic fibers                           | 1.4             | -                      | .7        | -                      | 1.4              | -                      | .5        | -                      | .4               | -                      |
| 283      | Drugs                                      | 3.0             | -                      | 2.2       | -                      | 1.3              | -                      | .7        | -                      | .1               | -                      |
| 2834     | Pharmaceutical preparations                | 3.1             | -                      | 2.3       | -                      | 1.3              | -                      | .7        | -                      | .1               | -                      |
| 284      | Soap, cleaners, and toilet goods           | 4.0             | -                      | 2.8       | -                      | 2.4              | -                      | 1.0       | -                      | .6               | -                      |
| 2841     | Soap and other detergents                  | 3.3             | -                      | 2.4       | -                      | 1.6              | -                      | .4        | -                      | .2               | -                      |
| 2844     | Toilet preparations                        | 4.8             | -                      | 3.2       | -                      | 3.4              | -                      | 1.3       | -                      | 1.1              | -                      |
| 285      | Paints and allied products                 | 4.2             | -                      | 3.7       | -                      | 1.9              | -                      | 1.0       | -                      | .1               | -                      |
| 286,9    | Other chemical products                    | 3.1             | -                      | 2.2       | -                      | 1.7              | -                      | .7        | -                      | .3               | -                      |
| 29       | <b>PETROLEUM AND COAL PRODUCTS</b>         | 3.3             | 1.6                    | 2.7       | 1.3                    | 1.6              | 1.9                    | .6        | .7                     | .5               | .6                     |
| 291      | Petroleum refining                         | 2.7             | -                      | 2.3       | -                      | 1.1              | -                      | .3        | -                      | .4               | -                      |
| 295,9    | Other petroleum and coal products          | 5.1             | -                      | 3.9       | -                      | 3.2              | -                      | 1.5       | -                      | .6               | -                      |
| 30       | <b>RUBBER AND PLASTICS PRODUCTS, NEC</b>   | 6.2             | 4.9                    | 5.3       | 3.7                    | 5.3              | 5.3                    | 3.0       | 2.6                    | 1.2              | 1.2                    |
| 301      | Tires and inner tubes                      | 1.9             | -                      | 1.5       | -                      | 1.2              | -                      | .7        | -                      | ( <sup>1</sup> ) | -                      |
| 302,3,6  | Other rubber products                      | 5.2             | -                      | 4.4       | -                      | 3.9              | -                      | 2.3       | -                      | .6               | -                      |
| 307      | Miscellaneous plastics products            | 7.4             | -                      | 6.4       | -                      | 6.6              | -                      | 3.7       | -                      | 1.6              | -                      |
| 31       | <b>LEATHER AND LEATHER PRODUCTS</b>        | 6.7             | 7.7                    | 5.4       | 4.5                    | 6.2              | 11.2                   | 4.0       | 4.3                    | 1.0              | 5.4                    |
| 311      | Leather tanning and finishing              | 4.5             | -                      | 3.9       | -                      | 6.2              | -                      | 2.6       | -                      | 2.6              | -                      |
| 314      | Footwear, except rubber                    | 6.8             | -                      | 5.7       | -                      | 6.2              | -                      | 4.5       | -                      | .7               | -                      |
|          | <b>NONMANUFACTURING</b>                    |                 |                        |           |                        |                  |                        |           |                        |                  |                        |
| 10       | <b>METAL MINING</b>                        | 4.6             | 3.6                    | 3.9       | 2.2                    | 3.0              | 2.4                    | 1.4       | 1.1                    | .7               | .5                     |
| 101      | Iron ores                                  | 4.1             | -                      | 3.3       | -                      | 3.6              | -                      | .5        | -                      | 2.2              | -                      |
| 102      | Copper ores                                | 3.2             | -                      | 2.1       | -                      | 1.8              | -                      | .8        | -                      | .3               | -                      |
| 11,12    | <b>COAL MINING</b>                         | 2.3             | 1.6                    | 1.9       | 1.0                    | 1.2              | 1.4                    | .6        | .7                     | ( <sup>1</sup> ) | .1                     |
| 12       | Bituminous coal and lignite mining         | 2.3             | -                      | 1.9       | -                      | 1.2              | -                      | .6        | -                      | ( <sup>1</sup> ) | -                      |
| 481      | <b>COMMUNICATION:</b>                      |                 |                        |           |                        |                  |                        |           |                        |                  |                        |
| 481      | Telephone communication                    | 1.1             | -                      | -         | -                      | .8               | -                      | .4        | -                      | .1               | -                      |
| 482      | Telegraph communication <sup>2</sup>       | (*)             | -                      | -         | -                      | (*)              | -                      | (*)       | -                      | (*)              | -                      |

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

<sup>2</sup> Data relate to all employees except messengers.

p = preliminary.  
\* = Not available.



# ESTABLISHMENT DATA

## SEASONALLY ADJUSTED LABOR TURNOVER

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

[Per 100 employees]

| Year              | Jan. | Feb. | Mar. | April | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
|-------------------|------|------|------|-------|-----|------|------|------|-------|------|------|------|
| Total accessions  |      |      |      |       |     |      |      |      |       |      |      |      |
| 1965              | 4.1  | 4.1  | 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              | 4.2  | 4.2  | 4.4  | 4.1   | 3.9 | 3.8  | p4.0 |      |       |      |      |      |
| 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  | 2.7  | 2.9  | 2.7   | 2.7 | 2.7  | p2.7 |      |       |      |      |      |
| 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              | 3.5  | 3.5  | 3.9  | 3.7   | 3.8 | 3.8  | p4.0 |      |       |      |      |      |
| 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  | 1.6  | 1.7  | 1.7   | 1.7 | 1.8  | p1.7 |      |       |      |      |      |
| 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  | 1.1  | 1.2  | 1.3   | 1.3 | 1.3  | p1.2 |      |       |      |      |      |

p=preliminary.

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

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

[ Per 100 employees ]

| State and area                | Accession rates |                        |           |                        | Separation rates |                        |          |                        |                  |                        |  |
|-------------------------------|-----------------|------------------------|-----------|------------------------|------------------|------------------------|----------|------------------------|------------------|------------------------|--|
|                               | Total           |                        | New hires |                        | Total            |                        | Quits    |                        | Layoffs          |                        |  |
|                               | May 1976        | June 1976 <sup>P</sup> | May 1976  | June 1976 <sup>P</sup> | May 1976         | June 1976 <sup>P</sup> | May 1976 | June 1976 <sup>P</sup> | May 1976         | June 1976 <sup>P</sup> |  |
| <b>ALABAMA:</b>               |                 |                        |           |                        |                  |                        |          |                        |                  |                        |  |
| Birmingham                    | 3.0             | 3.7                    | 1.8       | 1.7                    | 3.4              | 2.6                    | 1.1      | 1.1                    | 1.2              | 0.9                    |  |
| Mobile                        | 14.8            | 11.5                   | 2.7       | 6.2                    | 16.8             | 6.0                    | 7.3      | 2.2                    | 13.8             | 2.7                    |  |
| <b>ALASKA</b>                 | 26.0            | 31.2                   | 17.5      | 25.5                   | 12.7             | 9.4                    | 9.1      | 5.2                    | 1.7              | 2.1                    |  |
| <b>ARIZONA</b>                | 4.3             | 4.8                    | 3.1       | 3.7                    | 3.4              | 3.6                    | 1.9      | 2.1                    | .7               | .8                     |  |
| Phoenix                       | 4.4             | 4.8                    | 3.1       | 3.6                    | 3.4              | 3.4                    | 1.9      | 1.9                    | .8               | .7                     |  |
| <b>ARKANSAS</b>               | 8.5             | 7.4                    | 7.0       | 6.2                    | 6.6              | 6.3                    | 4.8      | 4.4                    | .7               | .8                     |  |
| Fort Smith                    | 9.3             | 7.2                    | 7.6       | 6.3                    | 7.9              | 7.1                    | 4.9      | 4.2                    | .7               | 1.9                    |  |
| Little Rock-North Little Rock | 6.9             | 5.9                    | 5.7       | 5.1                    | 5.1              | 5.4                    | 3.5      | 3.5                    | .4               | .7                     |  |
| Pine Bluff                    | 5.2             | 5.4                    | 3.8       | 3.9                    | 6.0              | 2.8                    | 4.6      | 2.3                    | 1.1              | .3                     |  |
| <b>COLORADO</b>               | 4.7             | 5.6                    | 3.6       | 4.5                    | 3.9              | 3.9                    | 2.2      | 2.2                    | .9               | .7                     |  |
| Denver-Boulder                | 4.6             | 5.3                    | 3.7       | 4.3                    | 3.9              | 4.0                    | 2.3      | 2.3                    | .9               | .7                     |  |
| <b>CONNECTICUT</b>            | 2.5             | 3.0                    | 1.6       | 2.1                    | 2.0              | 2.0                    | .9       | .9                     | .5               | .4                     |  |
| Hartford                      | 1.8             | 2.3                    | 1.3       | 1.7                    | 1.5              | 1.6                    | .7       | .7                     | .3               | .3                     |  |
| <b>DELAWARE</b> <sup>1</sup>  | 3.5             | 3.3                    | 1.3       | 2.1                    | 2.2              | 2.0                    | .8       | .8                     | .8               | .5                     |  |
| Wilmington                    | 3.5             | 3.3                    | 1.3       | 2.0                    | 2.2              | 1.7                    | .7       | .7                     | .9               | .3                     |  |
| <b>DISTRICT OF COLUMBIA:</b>  |                 |                        |           |                        |                  |                        |          |                        |                  |                        |  |
| Washington SMSA               | 2.5             | 2.4                    | 2.0       | 2.1                    | 2.1              | 1.8                    | 1.2      | .9                     | .4               | .3                     |  |
| <b>FLORIDA</b>                | 4.8             | 5.3                    | 4.1       | 4.1                    | 4.8              | 6.1                    | 2.2      | 2.3                    | 1.6              | 2.7                    |  |
| Fort Lauderdale-Hollywood     | 6.0             | 5.6                    | 5.5       | 5.2                    | 4.1              | 5.3                    | 2.3      | 3.2                    | .4               | .5                     |  |
| Jacksonville                  | 4.8             | 7.2                    | 4.0       | 3.3                    | 11.3             | 3.4                    | 2.0      | 1.5                    | 8.2              | .6                     |  |
| Miami                         | 4.4             | 4.9                    | 3.9       | 4.4                    | 3.7              | 3.9                    | 1.9      | 2.0                    | .9               | 1.1                    |  |
| Orlando                       | 4.4             | 4.8                    | 3.5       | 4.1                    | 3.6              | 6.2                    | 2.1      | 2.6                    | 1.0              | 2.4                    |  |
| Pensacola                     | 1.9             | 1.7                    | 1.6       | 1.5                    | 1.3              | 2.4                    | .9       | .6                     | ( <sup>2</sup> ) | 1.0                    |  |
| Tampa-St. Petersburg          | 4.6             | 5.0                    | 3.6       | 3.8                    | 4.7              | 7.9                    | 2.3      | 2.8                    | 1.3              | 4.0                    |  |
| West Palm Beach-Boca Raton    | 3.6             | 2.9                    | 2.9       | 2.2                    | 2.5              | 1.8                    | 1.5      | 1.0                    | .3               | .3                     |  |
| <b>GEORGIA</b> <sup>3</sup>   | 4.9             | (*)                    | 3.8       | (*)                    | 4.3              | (*)                    | 2.8      | (*)                    | .6               | (*)                    |  |
| Atlanta                       | 4.1             | (*)                    | 3.0       | (*)                    | 3.2              | (*)                    | 1.7      | (*)                    | .5               | (*)                    |  |
| <b>HAWAII</b> <sup>4</sup>    | 2.4             | 2.2                    | 1.5       | 1.6                    | 2.1              | 2.5                    | .8       | 1.0                    | .9               | .5                     |  |
| <b>IDAHO</b> <sup>5 6</sup>   | 11.3            | 8.3                    | 7.3       | 5.8                    | 6.8              | 5.4                    | 4.1      | 3.7                    | 1.0              | .3                     |  |
| <b>ILLINOIS:</b>              |                 |                        |           |                        |                  |                        |          |                        |                  |                        |  |
| Chicago SMSA                  | 3.7             | 4.3                    | 2.6       | 3.3                    | 2.8              | 3.0                    | 1.3      | 1.6                    | .5               | .4                     |  |
| <b>INDIANA</b>                | 3.9             | 3.6                    | 2.4       | 2.5                    | 2.5              | 2.9                    | 1.2      | 1.2                    | .5               | .8                     |  |
| Indianapolis <sup>7</sup>     | 3.1             | 3.6                    | 1.8       | 2.5                    | 2.3              | 2.4                    | 1.0      | 1.0                    | .4               | .3                     |  |
| <b>IOWA</b>                   | 4.4             | 4.9                    | 3.1       | 3.8                    | 3.1              | 3.0                    | 1.9      | 1.9                    | .6               | .5                     |  |
| Cedar Rapids                  | 4.5             | 4.0                    | 2.2       | 3.0                    | 1.9              | 1.8                    | 1.0      | 1.1                    | .3               | .2                     |  |
| Des Moines                    | 3.9             | 4.2                    | 2.6       | 2.9                    | 3.0              | 2.7                    | 2.0      | 1.9                    | .4               | .2                     |  |
| <b>KANSAS</b>                 | 5.5             | 5.2                    | 4.7       | 4.5                    | 4.6              | 4.2                    | 3.2      | 2.8                    | .6               | .4                     |  |
| Topeka                        | 3.8             | 4.4                    | 3.1       | 3.4                    | 4.5              | 5.2                    | 1.5      | 1.6                    | 2.2              | 2.9                    |  |
| Wichita                       | 4.4             | 4.7                    | 3.9       | 4.1                    | 4.0              | 4.2                    | 2.6      | 2.6                    | .5               | .3                     |  |
| <b>KENTUCKY</b>               | 4.6             | 4.3                    | 3.2       | 3.0                    | 3.7              | 3.8                    | 1.7      | 1.6                    | 1.2              | 1.2                    |  |
| Louisville                    | 3.0             | 2.8                    | 1.9       | 1.7                    | 2.8              | 2.1                    | .8       | .7                     | 1.0              | .3                     |  |
| <b>LOUISIANA:</b>             |                 |                        |           |                        |                  |                        |          |                        |                  |                        |  |
| New Orleans                   | 6.8             | 3.2                    | 4.2       | 2.7                    | 3.4              | 3.7                    | 2.1      | 2.1                    | .4               | .4                     |  |
| <b>MAINE</b>                  | 7.7             | 9.1                    | 5.5       | 6.6                    | 5.6              | 6.4                    | 3.5      | 3.9                    | 1.2              | 1.6                    |  |
| Portland                      | 3.3             | 4.7                    | 2.6       | 4.3                    | 3.4              | 5.1                    | 2.3      | 2.5                    | .5               | 1.4                    |  |
| <b>MARYLAND</b>               | 3.9             | 4.1                    | 2.0       | 2.9                    | 2.5              | 2.8                    | 1.1      | 1.2                    | .7               | .8                     |  |
| Baltimore                     | 3.4             | 3.7                    | 1.8       | 2.6                    | 2.4              | 2.7                    | 1.0      | 1.1                    | .6               | .9                     |  |
| <b>MASSACHUSETTS</b>          | 3.7             | 4.2                    | 2.7       | 3.3                    | 2.8              | 3.1                    | 1.3      | 1.5                    | .8               | .8                     |  |
| Boston                        | 3.1             | 3.9                    | 2.2       | 3.1                    | 2.5              | 2.9                    | 1.2      | 1.4                    | .7               | .9                     |  |
| <b>MICHIGAN</b>               | 3.6             | 4.2                    | 2.2       | 2.8                    | 2.1              | 3.1                    | .8       | 1.0                    | .6               | 1.2                    |  |
| Detroit                       | 3.9             | 4.5                    | 2.4       | 3.2                    | 2.2              | 2.8                    | .9       | 1.1                    | .4               | .7                     |  |
| Flint                         | 2.4             | 2.4                    | 1.4       | 1.6                    | 1.5              | 1.9                    | .4       | .4                     | .1               | .6                     |  |
| Grand Rapids                  | 4.7             | 4.8                    | 2.8       | 2.3                    | 3.3              | 5.2                    | 1.1      | 1.0                    | 1.5              | 2.6                    |  |
| Lansing-East Lansing          | 3.7             | 2.9                    | 3.1       | 2.1                    | 1.6              | 4.4                    | 1.0      | 1.3                    | .1               | 1.8                    |  |

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  |                        |
|                                      | May 1976        | June 1976 <sup>P</sup> | May 1976  | June 1976 <sup>P</sup> | May 1976         | June 1976 <sup>P</sup> | May 1976 | June 1976 <sup>P</sup> | May 1976 | June 1976 <sup>P</sup> |
| MINNESOTA                            | 4.0             | 6.0                    | 2.9       | 4.9                    | 2.7              | 2.8                    | 1.7      | 1.6                    | 0.6      | 0.6                    |
| Minneapolis—St. Paul                 | 3.3             | 4.3                    | 2.3       | 3.5                    | 2.3              | 2.5                    | 1.3      | 1.4                    | .4       | .6                     |
| MISSISSIPPI:                         |                 |                        |           |                        |                  |                        |          |                        |          |                        |
| Jackson                              | 6.0             | 3.5                    | 5.3       | 2.7                    | 3.0              | 3.8                    | 1.8      | 1.8                    | .4       | 1.2                    |
| MISSOURI                             | 4.1             | 4.4                    | 3.0       | 3.3                    | 3.0              | 3.3                    | 1.7      | 1.7                    | .6       | .8                     |
| Kansas City                          | 3.7             | 4.5                    | 2.9       | 3.3                    | 3.1              | 3.5                    | 1.8      | 1.8                    | .6       | .9                     |
| St. Louis                            | 3.3             | 3.4                    | 2.0       | 2.3                    | 2.3              | 2.5                    | .9       | 1.0                    | .7       | .9                     |
| MONTANA                              | 3.6             | 5.4                    | 3.1       | 4.7                    | 2.5              | 2.6                    | 1.4      | 1.4                    | .5       | .5                     |
| NEBRASKA                             | 6.2             | 5.1                    | 5.2       | 4.3                    | 3.8              | 4.7                    | 2.7      | 2.7                    | .4       | 1.3                    |
| NEVADA                               | 7.2             | 9.9                    | 5.4       | 9.1                    | 6.6              | 7.9                    | 3.5      | 4.8                    | 1.1      | 1.7                    |
| NEW HAMPSHIRE                        | 4.1             | 5.1                    | 3.4       | 4.5                    | 3.4              | 3.5                    | 2.3      | 2.5                    | .4       | .3                     |
| NEW JERSEY:                          |                 |                        |           |                        |                  |                        |          |                        |          |                        |
| Camden                               | 2.9             | 3.5                    | 1.6       | 2.4                    | 2.1              | 2.6                    | .6       | .7                     | .7       | 1.0                    |
| Hackensack                           | 4.0             | 3.7                    | 2.8       | 2.9                    | 3.7              | 3.2                    | 1.3      | 1.4                    | 1.5      | .9                     |
| Jersey City                          | 4.4             | 4.7                    | 2.6       | 3.4                    | 4.3              | 5.1                    | .9       | 1.2                    | 2.5      | 2.9                    |
| Newark                               | 3.2             | 4.5                    | 2.1       | 3.4                    | 2.1              | 2.7                    | .8       | 1.1                    | .6       | 1.0                    |
| New Brunswick—Perth Amboy—Sayreville | 4.3             | 4.5                    | 2.8       | 3.6                    | 2.8              | 3.1                    | 1.0      | .9                     | .9       | 1.0                    |
| Paterson—Clifton—Passaic             | 4.1             | 6.2                    | 2.4       | 3.6                    | 3.6              | 3.3                    | 1.2      | 1.3                    | 1.6      | .9                     |
| Trenton                              | 3.0             | 2.9                    | 2.1       | 2.2                    | 2.7              | 2.0                    | .9       | .9                     | 1.0      | .3                     |
| NEW YORK                             | 3.8             | 4.3                    | 2.3       | 2.8                    | 3.4              | 3.6                    | 1.0      | 1.1                    | 1.7      | 1.8                    |
| Albany—Schenectady—Troy              | 3.5             | 3.3                    | 2.2       | 2.2                    | 2.2              | 2.2                    | .7       | .8                     | .7       | .6                     |
| Binghamton                           | 2.4             | 3.0                    | 1.8       | 2.5                    | 1.5              | 1.6                    | .9       | .9                     | .3       | .3                     |
| Buffalo                              | 3.1             | 3.6                    | 1.4       | 1.9                    | 1.7              | 2.2                    | .5       | .6                     | .6       | .9                     |
| Elmira                               | 2.9             | 3.3                    | 1.7       | 2.4                    | 1.9              | 2.2                    | .5       | .6                     | .4       | .6                     |
| Monroe County                        | 2.5             | 4.0                    | 2.1       | 3.5                    | 1.3              | 1.4                    | .5       | .7                     | .3       | .2                     |
| Nassau—Suffolk <sup>10</sup>         | 4.4             | 4.7                    | 3.4       | 3.8                    | 3.2              | 5.0                    | 1.6      | 1.8                    | .9       | 2.3                    |
| New York and Nassau—Suffolk          | 4.4             | 4.8                    | 2.8       | 3.1                    | 4.7              | 4.8                    | 1.2      | 1.3                    | 2.7      | 2.7                    |
| New York SMSA <sup>10</sup>          | 4.4             | 4.9                    | 2.7       | 2.9                    | 5.0              | 4.7                    | 1.1      | 1.2                    | 3.1      | 2.8                    |
| New York City <sup>11</sup>          | 4.6             | 5.1                    | 2.8       | 3.0                    | 5.4              | 5.0                    | 1.1      | 1.2                    | 3.4      | 3.0                    |
| Rochester                            | 2.8             | 4.1                    | 2.2       | 3.5                    | 1.5              | 1.6                    | .6       | .7                     | .4       | .3                     |
| Syracuse                             | 3.3             | 3.6                    | 2.1       | 2.3                    | 2.2              | 2.0                    | .8       | .8                     | .8       | .6                     |
| Utica—Rome                           | 2.2             | 3.0                    | 1.5       | 1.8                    | 2.3              | 2.3                    | .6       | .7                     | 1.1      | 1.2                    |
| Westchester County <sup>11</sup>     | 2.6             | 2.9                    | 1.7       | 2.2                    | 2.8              | 2.7                    | .8       | .8                     | 1.3      | 1.1                    |
| NORTH CAROLINA                       | 5.5             | 4.9                    | 4.5       | 4.2                    | 4.8              | 4.2                    | 3.2      | 2.8                    | .6       | .4                     |
| Charlotte—Gastonia                   | 5.5             | 4.4                    | 4.6       | 3.9                    | 4.8              | 4.4                    | 3.3      | 2.9                    | .5       | .6                     |
| Greensboro—Winston-Salem—High Point  | 5.7             | 5.3                    | 4.5       | 4.5                    | 4.3              | 3.8                    | 3.0      | 2.6                    | .4       | .3                     |
| NORTH DAKOTA                         | (*)             | (*)                    | (*)       | (*)                    | (*)              | (*)                    | (*)      | (*)                    | (*)      | (*)                    |
| Fargo—Moorhead                       | (*)             | (*)                    | (*)       | (*)                    | (*)              | (*)                    | (*)      | (*)                    | (*)      | (*)                    |
| OHIO                                 | 3.2             | 3.7                    | 1.8       | 2.4                    | 2.2              | 2.5                    | .8       | .8                     | .7       | .9                     |
| Akron                                | 1.8             | 2.5                    | 1.2       | 1.5                    | 1.7              | 2.3                    | .6       | .6                     | .8       | 1.2                    |
| Canton                               | 4.3             | 4.5                    | 1.0       | 1.4                    | 3.1              | 2.8                    | .7       | 1.0                    | 1.4      | .7                     |
| Cincinnati                           | 3.4             | 3.3                    | 2.0       | 2.7                    | 2.2              | 2.0                    | .9       | .9                     | .6       | .3                     |
| Cleveland                            | 2.9             | 3.7                    | 1.9       | 2.6                    | 2.0              | 2.8                    | .8       | 1.0                    | .4       | 1.0                    |
| Columbus                             | 2.5             | 3.3                    | 1.8       | 2.4                    | 1.7              | 2.3                    | .8       | .8                     | .3       | .7                     |
| Dayton                               | 2.9             | 3.3                    | 1.8       | 2.3                    | 2.1              | 1.8                    | .7       | .7                     | .5       | .4                     |
| Toledo                               | 3.1             | 4.1                    | 1.7       | 2.8                    | 2.6              | 2.4                    | .8       | .9                     | .9       | .6                     |
| Youngstown—Warren                    | 3.6             | 3.9                    | .7        | 1.5                    | 2.5              | 3.1                    | .3       | .4                     | 1.4      | 1.5                    |
| OKLAHOMA                             | 6.4             | 5.8                    | 5.4       | 5.2                    | 5.1              | 5.3                    | 3.4      | 3.8                    | .7       | .6                     |
| Oklahoma City                        | 5.7             | 5.6                    | 4.6       | 4.8                    | 4.7              | 5.0                    | 2.8      | 3.1                    | 1.1      | .9                     |
| Tulsa <sup>12</sup>                  | 6.0             | 5.7                    | 4.8       | 5.1                    | 4.8              | 4.5                    | 3.0      | 3.2                    | .8       | .4                     |
| OREGON <sup>1</sup>                  | 6.0             | 7.1                    | 4.1       | 5.6                    | 4.2              | 3.9                    | 2.3      | 2.4                    | .9       | .6                     |
| Portland <sup>1</sup>                | 5.4             | 6.4                    | 3.5       | 5.0                    | 3.9              | 3.8                    | 1.9      | 2.1                    | 1.2      | .9                     |
| PENNSYLVANIA                         | 3.3             | 4.1                    | 1.7       | 2.3                    | 2.9              | 2.8                    | .8       | .9                     | 1.4      | 1.2                    |
| Allentown—Bethlehem—Easton           | 3.0             | 4.5                    | 1.4       | 2.2                    | 2.8              | 2.7                    | .8       | .8                     | 1.4      | 1.3                    |
| Altoona                              | 4.5             | 4.9                    | 1.8       | 2.4                    | 3.3              | 3.2                    | 1.8      | 2.1                    | .8       | .7                     |
| Erie                                 | 3.4             | 3.8                    | 1.2       | 1.4                    | 2.2              | 2.7                    | .8       | .8                     | .7       | 1.1                    |
| Harrisburg                           | 3.3             | 4.4                    | 1.9       | 3.1                    | 3.1              | 3.8                    | 1.0      | 1.7                    | 1.6      | 1.6                    |
| Johnstown                            | 3.0             | 3.9                    | 1.2       | 1.3                    | 5.9              | 2.1                    | .7       | .7                     | 4.8      | 1.0                    |
| Lancaster                            | 4.0             | 4.6                    | 2.3       | 3.5                    | 2.4              | 2.0                    | 1.5      | 1.3                    | .3       | .3                     |

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  |                  |
|   | May 1976        | June 1976 P | May 1976  | June 1976 P | May 1976         | June 1976 P | May 1976 | June 1976 P | May 1976 | June 1976 P      |
| <b>PENNSYLVANIA—Continued</b>             |                 |             |           |             |                  |             |          |             |          |                  |
| Northeast Pennsylvania .....              | 3.5             | 3.7         | 1.7       | 1.8         | 4.6              | 5.2         | 1.2      | 1.1         | 2.9      | 3.6              |
| Philadelphia SMSA .....                   | 2.8             | 3.2         | 1.7       | 2.2         | 2.5              | 2.3         | .7       | .8          | 1.0      | .8               |
| Pittsburgh .....                          | 3.1             | 4.3         | 1.3       | 1.8         | 2.8              | 2.5         | .4       | .4          | 1.7      | 1.5              |
| Reading .....                             | 3.8             | 4.7         | 1.8       | 2.8         | 3.1              | 3.2         | 1.0      | 1.2         | 1.5      | 1.3              |
| Scranton <sup>13</sup> .....              | 4.3             | 4.3         | 2.5       | 2.7         | 4.6              | 4.9         | 1.6      | 1.7         | 2.5      | 2.7              |
| Wilkes-Barre—Hazleton <sup>13</sup> ..... | 3.5             | 3.4         | 1.5       | 1.4         | 5.0              | 5.8         | 1.1      | 1.0         | 3.1      | 4.1              |
| Williamsport .....                        | 2.6             | 1.8         | 1.7       | 1.1         | 1.8              | 1.5         | .9       | .6          | .4       | .4               |
| York .....                                | 3.5             | 4.6         | 2.4       | 3.2         | 3.7              | 4.0         | 1.4      | 1.6         | 1.7      | 1.6              |
| <b>RHODE ISLAND</b>                       |                 |             |           |             |                  |             |          |             |          |                  |
| Providence—Warwick—Pawtucket.....         | 5.5             | 5.5         | 4.0       | 4.3         | 4.2              | 4.4         | 2.2      | 2.2         | 1.1      | 1.2              |
| .....                                     | 5.3             | 5.3         | 3.8       | 4.2         | 4.0              | 4.5         | 2.2      | 2.2         | 1.0      | 1.2              |
| <b>SOUTH CAROLINA:</b>                    |                 |             |           |             |                  |             |          |             |          |                  |
| Greenville—Spartanburg <sup>6</sup> ..... | 6.0             | 5.4         | 5.5       | 4.8         | 5.3              | 4.8         | 3.9      | 3.6         | .2       | .2               |
| <b>SOUTH DAKOTA</b>                       |                 |             |           |             |                  |             |          |             |          |                  |
| Sioux Falls .....                         | 6.9             | 6.7         | 5.8       | 5.6         | 4.0              | 3.9         | 2.9      | 2.7         | .1       | .2               |
| .....                                     | 3.6             | 3.8         | 3.5       | 3.7         | 2.0              | 1.7         | 1.7      | 1.5         | .1       | ( <sup>8</sup> ) |
| <b>TENNESSEE:</b>                         |                 |             |           |             |                  |             |          |             |          |                  |
| Memphis .....                             | 4.2             | 4.1         | 3.1       | 3.1         | 3.7              | 2.7         | 1.6      | 1.5         | 1.1      | .5               |
| <b>TEXAS:</b>                             |                 |             |           |             |                  |             |          |             |          |                  |
| Dallas—Fort Worth .....                   | 5.1             | 5.6         | 4.7       | 5.2         | 4.3              | 4.8         | 2.8      | 3.2         | .5       | .5               |
| Houston .....                             | 4.4             | 4.8         | 3.9       | 4.5         | 3.9              | 4.1         | 2.5      | 2.6         | .4       | .5               |
| San Antonio .....                         | 5.7             | 5.7         | 5.2       | 5.3         | 4.0              | 4.8         | 2.8      | 3.5         | .4       | .3               |
| <b>UTAH<sup>5</sup></b>                   |                 |             |           |             |                  |             |          |             |          |                  |
| Salt Lake City—Ogden <sup>5</sup> .....   | 6.1             | 6.6         | 4.7       | 5.7         | 4.5              | 4.8         | 3.1      | 3.3         | .6       | .6               |
| .....                                     | 5.1             | 6.4         | 4.5       | 5.6         | 4.7              | 5.0         | 3.4      | 3.4         | .5       | .6               |
| <b>VERMONT</b>                            |                 |             |           |             |                  |             |          |             |          |                  |
| Burlington .....                          | 3.6             | 4.0         | 2.4       | 2.4         | 2.7              | 3.0         | 1.3      | 1.3         | .9       | 1.1              |
| Springfield .....                         | 3.2             | 2.8         | 2.0       | 1.1         | 1.2              | 1.9         | .5       | .9          | .3       | .7               |
| .....                                     | 2.3             | 2.8         | 1.2       | 1.6         | 2.1              | 2.2         | .7       | .8          | .9       | .3               |
| <b>VIRGINIA</b>                           |                 |             |           |             |                  |             |          |             |          |                  |
| Richmond .....                            | 3.9             | 4.1         | 3.1       | 3.4         | 3.3              | 3.2         | 2.0      | 2.0         | .5       | .3               |
| .....                                     | 3.1             | 3.6         | 2.4       | 2.5         | 2.3              | 2.4         | 1.1      | 1.2         | .2       | .3               |
| <b>WASHINGTON:</b>                        |                 |             |           |             |                  |             |          |             |          |                  |
| Seattle—Everett <sup>14</sup> .....       | 3.4             | 4.6         | 2.2       | 2.8         | 3.4              | 3.5         | 1.2      | 1.4         | 1.6      | 1.4              |
| <b>WISCONSIN</b>                          |                 |             |           |             |                  |             |          |             |          |                  |
| Milwaukee .....                           | 3.6             | 4.8         | 2.2       | 3.4         | 2.6              | 2.7         | 1.0      | 1.1         | .9       | .8               |
| .....                                     | 3.2             | 3.9         | 1.9       | 2.6         | 2.4              | 2.5         | .9       | 1.0         | .7       | .5               |
| <b>WYOMING</b>                            |                 |             |           |             |                  |             |          |             |          |                  |
| .....                                     | 7.9             | 7.9         | 6.1       | 6.2         | 3.6              | 4.4         | 2.8      | 3.5         | .1       | .2               |

<sup>1</sup> Excludes canning and preserving.

<sup>2</sup> Less than 0.05.

<sup>3</sup> Excludes agricultural chemicals, and miscellaneous manufacturing.

<sup>4</sup> Excludes canned fruits, vegetables, preserves, jams, and jellies.

<sup>5</sup> Excludes canning and preserving, and sugar.

<sup>6</sup> Based on the 1972 Standard Industrial Classification.

<sup>7</sup> Excludes canning and preserving, and newspapers.

<sup>8</sup> Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

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

<sup>10</sup> Area included in New York and Nassau-Suffolk combined SMSA's.

<sup>11</sup> Subarea of New York Standard Metropolitan Statistical Area.

<sup>12</sup> Excludes new-hire rate for transportation equipment.

<sup>13</sup> Subarea of Northeast Pennsylvania Standard Metropolitan Statistical Area.

<sup>14</sup> Excludes canning and preserving, printing and publishing.

\* Not available.

P—preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

# STATE AND AREA UNEMPLOYMENT DATA

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

(Numbers in thousands)

| State and area                         | Labor force |             | Unemployment |             |                        |             |
|--|-------------|-------------|--------------|-------------|------------------------|-------------|
|  |             |             | Number       |             | Percent of labor force |             |
|  | JUN. 1976   | JUL. P 1976 | JUN. 1976    | JUL. P 1976 | JUN. 1976              | JUL. P 1976 |
| <b>ALABAMA</b> .....                   | 1,474.5     | 1,482.0     | 109.0        | 104.0       | 7.4                    | 7.0         |
| Birmingham .....                       | 347.4       | 352.6       | 25.6         | 25.1        | 7.4                    | 7.1         |
| Huntsville .....                       | 122.6       | 122.2       | 9.6          | 9.0         | 7.8                    | 7.4         |
| Mobile .....                           | 163.3       | 164.1       | 11.0         | 11.0        | 6.7                    | 6.7         |
| Montgomery .....                       | 104.0       | 104.2       | 6.3          | 6.0         | 6.0                    | 5.8         |
| Tuscaloosa .....                       | 50.2        | 49.7        | 2.8          | 2.6         | 5.5                    | 5.2         |
| <b>ALASKA</b> .....                    | 211.0       | 212.6       | 20.0         | 16.6        | 9.5                    | 7.8         |
| <b>ARIZONA</b> .....                   | 874.9       | 867.2       | 70.9         | 67.6        | 8.1                    | 7.8         |
| Phoenix .....                          | 508.6       | 503.6       | 41.8         | 39.1        | 8.2                    | 7.8         |
| Tucson .....                           | 168.5       | 165.8       | 11.1         | 10.5        | 6.6                    | 6.3         |
| <b>ARKANSAS</b> .....                  | 865.2       | 857.2       | 54.8         | 51.7        | 6.3                    | 6.0         |
| Fayetteville-Springdale .....          | 59.8        | 60.3        | 3.0          | 2.9         | 5.1                    | 4.8         |
| Fort Smith <sup>1</sup> .....          | 74.7        | 75.0        | 5.3          | 5.5         | 7.1                    | 7.4         |
| Little Rock-North Little Rock .....    | 162.9       | 160.6       | 9.8          | 7.8         | 6.0                    | 4.9         |
| Pine Bluff .....                       | 32.3        | 32.0        | 3.1          | 2.7         | 9.6                    | 8.3         |
| <b>CALIFORNIA</b> .....                | 9,635.0     | 9,568.2     | 950.0        | 921.5       | 9.9                    | 9.6         |
| Anaheim-Santa Ana-Garden Grove .....   | 827.7       | 817.3       | 61.9         | 56.4        | 7.5                    | 6.9         |
| Bakersfield .....                      | 154.6       | 152.0       | 13.2         | 12.8        | 8.5                    | 8.4         |
| Fresno .....                           | 223.3       | 219.1       | 18.4         | 16.8        | 8.2                    | 7.7         |
| Los Angeles-Long Beach .....           | 3,259.0     | 3,242.5     | 305.9        | 298.5       | 9.4                    | 9.2         |
| Modesto .....                          | 107.0       | 107.4       | 18.0         | 15.6        | 16.8                   | 14.5        |
| Oxnard-Simi Valley-Ventura .....       | 179.1       | 177.1       | 16.6         | 15.5        | 9.3                    | 8.8         |
| Riverside-San Bernardino-Ontario ..... | 499.5       | 489.1       | 48.5         | 48.4        | 9.7                    | 9.9         |
| Sacramento .....                       | 382.9       | 383.7       | 37.9         | 38.3        | 9.9                    | 10.0        |
| Salinas-Seaside-Monterey .....         | 106.1       | 104.7       | 8.0          | 8.3         | 7.5                    | 7.9         |
| San Diego .....                        | 637.0       | 632.4       | 74.9         | 72.7        | 11.8                   | 11.5        |
| San Francisco-Oakland .....            | 1,484.8     | 1,489.4     | 171.3        | 171.9       | 11.5                   | 11.5        |
| San Jose .....                         | 597.7       | 599.4       | 54.9         | 50.2        | 9.2                    | 8.4         |
| Santa Barbara-Santa Maria-Lompoc ..... | 118.3       | 118.6       | 9.0          | 8.9         | 7.6                    | 7.5         |
| Santa Rosa .....                       | 101.9       | 101.8       | 11.4         | 11.0        | 11.2                   | 10.8        |
| Stockton .....                         | 143.7       | 134.3       | 13.7         | 14.4        | 9.5                    | 10.7        |
| Vallejo-Fairfield-Napa .....           | 104.2       | 103.2       | 8.0          | 7.7         | 7.7                    | 7.5         |
| <b>COLORADO</b> .....                  | 1,204.0     | 1,206.4     | 73.4         | 75.2        | 6.1                    | 6.2         |
| Denver-Boulder .....                   | 703.4       | 701.8       | 48.7         | 49.2        | 6.9                    | 7.0         |
| <b>CONNECTICUT</b> .....               | 1,486.6     | 1,479.1     | 143.6        | 140.0       | 9.7                    | 9.5         |
| Bridgeport .....                       | 185.4       | 182.5       | 20.4         | 19.3        | 11.0                   | 10.6        |
| Hartford .....                         | 351.5       | 348.8       | 31.0         | 30.8        | 8.8                    | 8.8         |
| New Britain .....                      | 69.8        | 71.0        | 7.9          | 8.0         | 11.3                   | 11.3        |
| New Haven-West Haven .....             | 199.5       | 197.4       | 20.5         | 19.3        | 10.3                   | 9.8         |
| Stamford .....                         | 108.4       | 107.6       | 7.7          | 7.2         | 7.1                    | 6.7         |
| Waterbury .....                        | 107.0       | 108.5       | 11.8         | 12.2        | 11.1                   | 11.3        |
| <b>DELAWARE</b> .....                  | 252.5       | 254.2       | 19.2         | 20.0        | 7.6                    | 7.9         |
| Wilmington <sup>1</sup> .....          | 227.3       | 226.7       | 18.9         | 19.3        | 8.3                    | 8.5         |
| <b>DISTRICT OF COLUMBIA</b> .....      | 351.5       | 353.1       | 27.9         | 27.0        | 7.9                    | 7.7         |
| Washington SMSA <sup>1</sup> .....     | 1,477.8     | 1,486.0     | 84.8         | 82.1        | 5.7                    | 5.5         |
| <b>FLORIDA</b> .....                   | 3,409.3     | 3,344.3     | 348.7        | 340.2       | 10.2                   | 10.2        |
| Fort Lauderdale-Hollywood .....        | 327.2       | 321.4       | 39.7         | 40.3        | 12.1                   | 12.5        |
| Jacksonville .....                     | 288.4       | 287.4       | 22.1         | 20.7        | 7.7                    | 7.2         |
| Miami .....                            | 680.9       | 682.0       | 72.7         | 71.3        | 10.7                   | 10.5        |
| Orlando .....                          | 263.6       | 256.9       | 27.0         | 26.2        | 10.2                   | 10.2        |
| Pensacola .....                        | 100.7       | 100.9       | 6.6          | 6.9         | 6.5                    | 6.8         |
| Tampa-St. Petersburg .....             | 522.1       | 520.8       | 53.8         | 53.0        | 10.3                   | 10.2        |
| West Palm Beach-Boca Raton .....       | 177.6       | 175.3       | 21.8         | 21.3        | 12.3                   | 12.1        |
| <b>GEORGIA</b> .....                   | 2,109.2     | 2,099.5     | 146.5        | 138.7       | 6.9                    | 6.6         |
| Atlanta .....                          | 797.6       | 795.3       | 60.1         | 56.7        | 7.5                    | 7.1         |
| Augusta <sup>1</sup> .....             | 118.5       | 119.5       | 8.7          | 8.3         | 7.4                    | 6.9         |
| Columbus <sup>1</sup> .....            | 87.0        | 87.5        | 6.2          | 6.0         | 7.1                    | 6.9         |
| Macon .....                            | 98.2        | 97.3        | 7.8          | 7.7         | 8.0                    | 7.9         |
| Savannah .....                         | 80.8        | 80.0        | 5.7          | 5.4         | 7.1                    | 6.8         |

See footnotes at end of table.

STATE AND AREA UNEMPLOYMENT DATA

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

(Numbers in thousands)

| State and area                            | Labor force |             | Unemployment |             |                        |             |
|---|-------------|-------------|--------------|-------------|------------------------|-------------|
|   |             |             | Number       |             | Percent of labor force |             |
|   | JUN. 1976   | JUL. P 1976 | JUN. 1976    | JUL. P 1976 | JUN. 1976              | JUL. P 1976 |
| HAWAII                                    | 374.3       | 374.1       | 33.0         | 32.7        | 8.8                    | 8.7         |
| Honolulu                                  | 299.9       | 297.9       | 25.3         | 25.2        | 8.4                    | 8.4         |
| IDAHO                                     | 377.6       | 382.3       | 24.7         | 23.8        | 6.5                    | 6.2         |
| Boise City                                | 73.3        | 73.2        | 2.9          | 2.7         | 3.9                    | 3.7         |
| ILLINOIS                                  | 5,111.9     | 5,119.3     | 379.0        | 363.3       | 7.4                    | 7.1         |
| Bloomington—Normal                        | 52.2        | 56.1        | 2.4          | 2.9         | 4.7                    | 5.1         |
| Champaign—Urbana—Rantoul                  | 71.4        | 71.3        | 3.9          | 3.4         | 5.5                    | 4.8         |
| Chicago                                   | 3,210.9     | 3,208.1     | 244.5        | 236.8       | 7.6                    | 7.4         |
| Davenport—Rock Island—Moline <sup>1</sup> | 175.8       | 175.3       | 11.2         | 11.3        | 6.4                    | 6.5         |
| Decatur                                   | 57.1        | 57.1        | 4.8          | 4.7         | 8.4                    | 8.2         |
| Peoria                                    | 163.5       | 163.6       | 8.9          | 8.2         | 5.4                    | 5.0         |
| Rockford                                  | 129.6       | 129.6       | 11.6         | 10.1        | 8.9                    | 7.8         |
| Springfield                               | 87.7        | 87.9        | 5.2          | 4.5         | 5.9                    | 5.1         |
| INDIANA                                   | 2,409.4     | 2,400.7     | 134.3        | 125.1       | 5.6                    | 5.2         |
| Evansville <sup>1</sup>                   | 123.4       | 124.6       | 5.7          | 6.6         | 4.6                    | 5.3         |
| Fort Wayne                                | 175.4       | 173.8       | 10.4         | 9.0         | 5.9                    | 5.2         |
| Gary—Hammond—East Chicago                 | 279.2       | 281.8       | 17.7         | 16.7        | 6.4                    | 5.9         |
| Indianapolis                              | 529.5       | 523.6       | 25.6         | 23.1        | 4.8                    | 4.4         |
| Muncie                                    | 53.9        | 52.6        | 3.2          | 2.9         | 5.9                    | 5.5         |
| South Bend                                | 132.2       | 131.1       | 7.0          | 6.7         | 5.3                    | 5.1         |
| Terre Haute                               | 77.1        | 76.8        | 4.3          | 4.0         | 5.6                    | 5.2         |
| IOWA                                      | 1,378.9     | 1,364.4     | 71.8         | 67.2        | 5.2                    | 4.9         |
| Cedar Rapids                              | 79.1        | 77.4        | 3.9          | 3.2         | 5.0                    | 4.2         |
| Des Moines                                | 164.0       | 162.9       | 9.7          | 9.8         | 5.9                    | 6.0         |
| Dubuque                                   | 41.9        | 41.0        | 2.8          | 2.8         | 6.7                    | 6.8         |
| Sioux City <sup>1</sup>                   | 56.5        | 56.4        | 2.8          | 3.2         | 4.9                    | 5.6         |
| Waterloo—Cedar Falls                      | 61.5        | 60.4        | 4.9          | 4.3         | 8.0                    | 7.2         |
| KANSAS                                    | 1,106.6     | 1,097.5     | 48.0         | 47.4        | 4.3                    | 4.3         |
| Topeka                                    | 85.3        | 84.3        | 4.2          | 3.8         | 4.9                    | 4.6         |
| Wichita                                   | 189.6       | 188.5       | 10.7         | 10.2        | 5.7                    | 5.4         |
| KENTUCKY                                  | 1,449.1     | 1,427.2     | 93.8         | 84.0        | 6.5                    | 5.9         |
| Lexington—Fayette                         | 145.3       | 141.3       | 5.9          | 4.8         | 4.1                    | 3.4         |
| Louisville <sup>1</sup>                   | 389.5       | 392.1       | 28.6         | 28.1        | 7.3                    | 7.2         |
| LOUISIANA                                 | 1,464.2     | 1,450.4     | 122.2        | 117.6       | 8.3                    | 8.1         |
| Baton Rouge                               | 179.0       | 178.5       | 13.2         | 12.4        | 7.4                    | 7.0         |
| Lake Charles                              | 57.9        | 57.5        | 5.5          | 5.2         | 9.6                    | 9.1         |
| Monroe                                    | 48.3        | 47.5        | 4.6          | 4.2         | 9.5                    | 8.7         |
| New Orleans                               | 435.7       | 428.5       | 39.0         | 36.9        | 9.0                    | 8.6         |
| Shreveport                                | 141.1       | 141.6       | 11.8         | 11.7        | 8.4                    | 8.3         |
| MAINE                                     | 445.8       | 452.6       | 34.1         | 40.3        | 7.6                    | 8.9         |
| Lewiston—Auburn                           | 33.8        | 34.8        | 2.2          | 4.7         | 6.5                    | 13.5        |
| Portland                                  | 78.9        | 77.6        | 6.2          | 6.3         | 7.9                    | 8.1         |
| MARYLAND                                  | 1,870.1     | 1,881.2     | 114.8        | 115.9       | 6.1                    | 6.2         |
| Baltimore                                 | 943.3       | 950.4       | 65.8         | 66.8        | 7.0                    | 7.0         |
| MASSACHUSETTS                             | 2,714.3     | 2,698.7     | 223.5        | 223.4       | 8.2                    | 8.3         |
| Boston                                    | 1,327.6     | 1,311.1     | 109.9        | 107.9       | 8.3                    | 8.2         |
| Brockton                                  | 76.0        | 74.5        | 6.6          | 6.7         | 8.7                    | 9.0         |
| Fall River <sup>1</sup>                   | 70.7        | 69.3        | 5.4          | 5.8         | 7.6                    | 8.4         |
| Lawrence—Haverhill <sup>1</sup>           | 127.2       | 125.9       | 13.3         | 14.3        | 10.5                   | 11.4        |
| Lowell <sup>1</sup>                       | 103.3       | 102.7       | 9.2          | 9.5         | 8.9                    | 9.3         |
| New Bedford                               | 76.1        | 74.9        | 6.2          | 7.0         | 8.1                    | 9.3         |
| Springfield—Chicopee—Holyoke <sup>1</sup> | 259.7       | 260.7       | 20.4         | 19.7        | 7.9                    | 7.6         |
| Worcester                                 | 183.0       | 181.6       | 14.1         | 14.3        | 7.7                    | 7.9         |
| MICHIGAN                                  | 3,911.4     | 3,853.8     | 397.5        | 409.2       | 10.2                   | 10.6        |
| Ann Arbor                                 | 121.2       | 119.6       | 10.4         | 10.4        | 8.6                    | 8.7         |
| Battle Creek                              | 81.0        | 80.7        | 8.4          | 8.0         | 10.4                   | 9.9         |
| Bay City                                  | 50.6        | 50.3        | 5.3          | 5.0         | 10.6                   | 10.0        |
| Detroit                                   | 1,849.4     | 1,810.8     | 194.6        | 202.1       | 10.5                   | 11.2        |
| Flint                                     | 209.9       | 202.0       | 20.3         | 24.2        | 9.7                    | 12.0        |

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

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

(Numbers in thousands)

| State and area                                | Labor force |             | Unemployment |             |                        |             |
|---|-------------|-------------|--------------|-------------|------------------------|-------------|
|   |             |             | Number       |             | Percent of labor force |             |
|   | JUN. 1976   | JUL. P 1976 | JUN. 1976    | JUL. P 1976 | JUN. 1976              | JUL. P 1976 |
| <b>MICHIGAN—Continued</b>                     |             |             |              |             |                        |             |
| Grand Rapids .....                            | 260.8       | 257.4       | 20.8         | 21.1        | 8.0                    | 8.2         |
| Jackson .....                                 | 64.7        | 64.3        | 6.3          | 6.0         | 9.8                    | 9.3         |
| Kalamazoo—Portage .....                       | 123.5       | 123.1       | 9.7          | 9.8         | 7.9                    | 7.9         |
| Lansing—East Lansing .....                    | 209.8       | 201.3       | 18.5         | 23.2        | 8.8                    | 11.5        |
| Muskegon—Norton Shores—Muskegon Heights ..... | 75.9        | 75.8        | 7.6          | 7.1         | 10.0                   | 9.4         |
| Saginaw .....                                 | 97.8        | 97.4        | 9.9          | 9.0         | 10.1                   | 9.2         |
| <b>MINNESOTA</b> .....                        | 1,905.3     | 1,893.3     | 100.2        | 94.1        | 5.3                    | 5.0         |
| Duluth—Superior .....                         | N.A.        | N.A.        | N.A.         | N.A.        | N.A.                   | N.A.        |
| Minneapolis—St. Paul .....                    | 999.4       | 985.3       | 61.6         | 57.2        | 6.2                    | 5.8         |
| <b>MISSISSIPPI</b> .....                      | 921.2       | 924.6       | 59.2         | 57.1        | 6.4                    | 6.2         |
| Jackson .....                                 | 129.5       | 127.8       | 7.4          | 6.6         | 5.7                    | 5.2         |
| <b>MISSOURI</b> .....                         | 2,095.6     | 2,090.0     | 113.4        | 112.6       | 5.4                    | 5.4         |
| Kansas City <sup>1</sup> .....                | 617.7       | 616.5       | 41.4         | 37.6        | 6.7                    | 6.1         |
| St. Joseph .....                              | 44.4        | 43.7        | 2.2          | 1.8         | 4.9                    | 4.2         |
| St. Louis <sup>1</sup> .....                  | 1,023.7     | 1,009.3     | 73.8         | 69.3        | 7.2                    | 6.9         |
| Springfield .....                             | 87.7        | 88.0        | 3.5          | 3.1         | 4.0                    | 3.5         |
| <b>MONTANA</b> .....                          | 334.1       | 335.2       | 25.9         | 22.4        | 7.8                    | 6.7         |
| Billings .....                                | 49.5        | 49.6        | 3.2          | 2.8         | 6.4                    | 5.7         |
| Great Falls .....                             | 34.1        | 33.5        | 3.0          | 2.5         | 8.8                    | 7.4         |
| <b>NEBRASKA</b> .....                         | 728.7       | 729.4       | 38.9         | 34.9        | 5.3                    | 4.8         |
| Lincoln .....                                 | 99.1        | 98.1        | 4.3          | 3.7         | 4.4                    | 3.8         |
| Omaha <sup>1</sup> .....                      | 258.0       | 256.5       | 21.4         | 19.5        | 8.3                    | 7.6         |
| <b>NEVADA</b> .....                           | 302.5       | 306.2       | 24.2         | 24.2        | 8.0                    | 7.9         |
| Las Vegas .....                               | 160.3       | 162.0       | 14.6         | 15.0        | 9.1                    | 9.2         |
| Reno .....                                    | 82.3        | 83.1        | 4.9          | 4.7         | 5.9                    | 5.7         |
| <b>NEW HAMPSHIRE</b> .....                    | 377.4       | 388.0       | 16.6         | 18.5        | 4.4                    | 4.8         |
| Manchester .....                              | 63.0        | 63.6        | 2.9          | 4.1         | 4.5                    | 6.4         |
| <b>NEW JERSEY *</b> .....                     | 3,257.2     | 3,242.5     | 203.2        | 209.8       | 9.3                    | 8.9         |
| Atlantic City * .....                         | 77.8        | 82.5        | 7.1          | 7.2         | 9.1                    | 8.7         |
| Jersey City * .....                           | 246.9       | 247.1       | 28.1         | 29.2        | 11.4                   | 11.8        |
| Long Branch—Asbury Park * .....               | 209.5       | 211.4       | 17.3         | 16.7        | 8.3                    | 7.9         |
| New Brunswick—Perth Amboy—Sayreville * .....  | 281.1       | 273.6       | 27.0         | 25.2        | 9.6                    | 9.2         |
| Newark * .....                                | 902.3       | 896.6       | 86.4         | 75.0        | 9.6                    | 8.4         |
| Paterson—Clifton—Passaic * .....              | 198.0       | 195.2       | 20.6         | 20.6        | 10.4                   | 10.6        |
| Trenton * .....                               | 149.5       | 148.3       | 10.2         | 9.7         | 6.8                    | 6.5         |
| Vineland—Millville—Bridgeton * .....          | 54.6        | 54.5        | 5.8          | 6.3         | 10.6                   | 11.6        |
| <b>NEW MEXICO</b> .....                       | 462.7       | 460.3       | 32.8         | 31.0        | 7.1                    | 6.7         |
| Albuquerque .....                             | 170.4       | 169.8       | 13.2         | 12.3        | 7.7                    | 7.2         |
| <b>NEW YORK</b> .....                         | 7,639.4     | 7,659.4     | 712.6        | 717.2       | 9.3                    | 9.4         |
| Albany—Schenectady—Troy .....                 | 349.8       | 348.3       | 27.3         | 26.1        | 7.8                    | 7.5         |
| Binghamton <sup>1</sup> .....                 | 128.2       | 125.9       | 9.1          | 9.6         | 7.1                    | 7.7         |
| Buffalo .....                                 | 566.1       | 567.4       | 60.7         | 59.1        | 10.7                   | 10.4        |
| Elmira .....                                  | 41.5        | 40.8        | 3.6          | 3.2         | 8.6                    | 7.8         |
| Nassau—Suffolk .....                          | 1,159.9     | 1,147.8     | 90.5         | 91.9        | 7.8                    | 8.0         |
| New York .....                                | 3,543.9     | 3,572.3     | 359.2        | 368.4       | 10.1                   | 10.3        |
| Poughkeepsie .....                            | 95.9        | 95.7        | 6.1          | 5.9         | 6.3                    | 6.2         |
| Rochester .....                               | 463.1       | 456.8       | 35.2         | 34.1        | 7.6                    | 7.5         |
| Syracuse .....                                | 285.4       | 282.2       | 26.0         | 24.9        | 9.1                    | 8.8         |
| Utica—Rome .....                              | 128.5       | 129.6       | 13.4         | 13.7        | 10.4                   | 10.6        |
| <b>NORTH CAROLINA</b> .....                   | 2,484.5     | 2,532.7     | 157.9        | 169.5       | 6.4                    | 6.7         |
| Asheville .....                               | 77.3        | 79.9        | 4.6          | 4.3         | 6.0                    | 5.4         |
| Charlotte—Gastonia .....                      | 299.1       | 300.2       | 18.0         | 17.0        | 6.0                    | 5.7         |
| Greensboro—Winston-Salem—High Point .....     | 384.1       | 385.8       | 23.4         | 24.1        | 6.1                    | 6.2         |
| Raleigh—Durham .....                          | 242.4       | 241.8       | 11.8         | 10.7        | 4.9                    | 4.4         |
| <b>NORTH DAKOTA</b> .....                     | 305.3       | 318.5       | 15.6         | 13.7        | 5.1                    | 4.3         |
| Fargo—Moorhead <sup>1</sup> .....             | 67.0        | 67.5        | 2.9          | 2.6         | 4.3                    | 3.8         |

See footnotes at end of table.

# STATE AND AREA UNEMPLOYMENT DATA

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

(Numbers in thousands)

| State and area                                  | Labor force |             | Unemployment |             |                        |             |
|---|-------------|-------------|--------------|-------------|------------------------|-------------|
|   |             |             | Number       |             | Percent of labor force |             |
|   | JUN. 1976   | JUL. P 1976 | JUN. 1976    | JUL. P 1976 | JUN. 1976              | JUL. P 1976 |
| <b>OHIO</b> .....                               | 4,775.3     | 4,714.3     | 344.9        | 331.1       | 7.2                    | 7.0         |
| Akron .....                                     | 292.3       | 287.0       | 24.1         | 22.5        | 8.3                    | 7.8         |
| Canton .....                                    | 179.7       | 180.2       | 14.6         | 13.9        | 8.1                    | 7.7         |
| Cincinnati <sup>1</sup> .....                   | 617.3       | 612.0       | 47.1         | 46.3        | 7.6                    | 7.6         |
| Cleveland .....                                 | 896.4       | 884.3       | 58.0         | 53.9        | 6.5                    | 6.1         |
| Columbus .....                                  | 509.3       | 505.0       | 34.3         | 33.2        | 6.7                    | 6.6         |
| Dayton .....                                    | 358.5       | 352.5       | 23.1         | 21.9        | 6.5                    | 6.2         |
| Toledo <sup>1</sup> .....                       | 341.1       | 333.0       | 23.7         | 23.3        | 6.9                    | 7.0         |
| Youngstown—Warren .....                         | 237.7       | 234.2       | 22.0         | 20.9        | 9.3                    | 8.9         |
| <b>OKLAHOMA</b> .....                           | 1,206.5     | 1,195.6     | 94.3         | 93.5        | 7.8                    | 7.8         |
| Oklahoma City .....                             | 368.5       | 365.8       | 28.8         | 29.2        | 7.8                    | 8.0         |
| Tulsa .....                                     | 280.4       | 278.3       | 21.7         | 21.4        | 7.7                    | 7.7         |
| <b>OREGON</b> .....                             | 1,084.8     | 1,073.7     | 97.2         | 94.7        | 9.0                    | 8.8         |
| Eugene—Springfield .....                        | 114.1       | 110.7       | 11.5         | 11.3        | 10.1                   | 10.3        |
| Portland <sup>1</sup> .....                     | 524.3       | 518.7       | 46.1         | 44.1        | 8.8                    | 8.5         |
| Salem .....                                     | 95.1        | 93.3        | 8.7          | 7.7         | 9.1                    | 8.3         |
| <b>PENNSYLVANIA</b> .....                       | 5,120.9     | 5,114.2     | 405.5        | 415.1       | 7.9                    | 8.1         |
| Allentown—Bethlehem—Easton <sup>1</sup> .....   | 299.6       | 297.8       | 23.9         | 24.5        | 8.0                    | 8.2         |
| Altoona .....                                   | 56.0        | 55.7        | 4.3          | 4.2         | 7.7                    | 7.6         |
| Erie .....                                      | 122.6       | 121.5       | 12.2         | 12.8        | 9.9                    | 10.5        |
| Harrisburg .....                                | 211.7       | 211.8       | 11.5         | 11.8        | 5.4                    | 5.6         |
| Johnstown .....                                 | 106.4       | 107.0       | 7.9          | 8.4         | 7.4                    | 7.9         |
| Lancaster .....                                 | 163.5       | 161.4       | 9.0          | 8.3         | 5.5                    | 5.1         |
| Northeast Pennsylvania .....                    | 274.8       | 280.8       | 27.1         | 31.0        | 9.8                    | 11.1        |
| Philadelphia <sup>1</sup> .....                 | 2,039.8     | 2,026.3     | 171.1        | 173.6       | 8.4                    | 8.6         |
| Pittsburgh .....                                | 981.9       | 977.3       | 74.1         | 75.2        | 7.5                    | 7.7         |
| Reading .....                                   | 146.9       | 145.2       | 9.4          | 9.1         | 6.4                    | 6.3         |
| Williamsport .....                              | 50.3        | 50.4        | 4.6          | 4.8         | 9.2                    | 9.4         |
| York .....                                      | 153.8       | 154.1       | 10.7         | 10.9        | 6.9                    | 7.1         |
| <b>RHODE ISLAND</b> .....                       | 412.9       | 409.7       | 40.9         | 44.3        | 9.9                    | 10.8        |
| Providence—Warwick—Pawtucket <sup>1</sup> ..... | 416.3       | 412.1       | 41.0         | 44.3        | 9.8                    | 10.7        |
| <b>SOUTH CAROLINA</b> .....                     | 1,222.9     | 1,220.7     | 78.6         | 78.4        | 6.4                    | 6.4         |
| Charleston—North Charleston .....               | 132.2       | 133.1       | 9.3          | 9.2         | 7.0                    | 6.9         |
| Columbia .....                                  | 146.5       | 146.4       | 8.4          | 8.7         | 5.7                    | 6.0         |
| Greenville—Spartanburg .....                    | 234.5       | 232.5       | 13.0         | 12.9        | 5.5                    | 5.5         |
| <b>SOUTH DAKOTA</b> .....                       | 322.4       | 320.6       | 14.4         | 13.8        | 4.5                    | 4.3         |
| Sioux Falls .....                               | 53.7        | 53.1        | 2.1          | 2.0         | 3.9                    | 3.7         |
| <b>TENNESSEE</b> .....                          | 1,842.8     | 1,832.6     | 129.6        | 126.9       | 7.0                    | 6.9         |
| Chattanooga <sup>1</sup> .....                  | 181.2       | 179.8       | 9.4          | 9.6         | 5.2                    | 5.3         |
| Knoxville .....                                 | 193.4       | 191.9       | 11.8         | 11.7        | 6.1                    | 6.1         |
| Memphis <sup>1</sup> .....                      | 356.1       | 351.8       | 28.4         | 26.7        | 8.0                    | 7.6         |
| Nashville—Davidson .....                        | 353.0       | 351.9       | 23.8         | 22.3        | 6.7                    | 6.3         |
| <b>TEXAS</b> .....                              | 5,480.7     | 5,469.5     | 331.6        | 313.0       | 6.1                    | 5.7         |
| Amarillo .....                                  | 83.9        | 84.2        | 3.0          | 3.0         | 3.6                    | 3.5         |
| Austin .....                                    | 199.3       | 196.4       | 10.2         | 9.1         | 5.1                    | 4.6         |
| Beaumont—Port Arthur—Orange .....               | 167.9       | 167.4       | 12.6         | 12.1        | 7.5                    | 7.2         |
| Corpus Christi .....                            | 127.6       | 125.0       | 8.5          | 7.7         | 6.7                    | 6.1         |
| Dallas—Fort Worth .....                         | 1,204.7     | 1,203.7     | 62.2         | 61.3        | 5.2                    | 5.1         |
| El Paso .....                                   | 156.0       | 157.0       | 15.1         | 16.1        | 9.7                    | 10.3        |
| Galveston—Texas City .....                      | 84.0        | 84.3        | 6.4          | 6.1         | 7.6                    | 7.3         |
| Houston .....                                   | 1,117.1     | 1,117.1     | 69.5         | 66.4        | 6.2                    | 5.9         |
| Lubbock .....                                   | 90.3        | 91.3        | 3.9          | 3.6         | 4.3                    | 4.0         |
| San Antonio .....                               | 392.2       | 388.2       | 34.7         | 30.6        | 8.8                    | 7.9         |
| Waco .....                                      | 72.9        | 72.3        | 4.5          | 3.7         | 6.2                    | 5.2         |
| Wichita Falls .....                             | 57.9        | 57.9        | 2.7          | 2.4         | 4.6                    | 4.2         |
| <b>UTAH</b> .....                               | 545.8       | 545.2       | 35.0         | 32.1        | 6.4                    | 5.9         |
| Salt Lake City—Ogden .....                      | 358.8       | 360.0       | 23.2         | 21.4        | 6.5                    | 5.9         |
| <b>VERMONT</b> .....                            | 204.7       | 207.7       | 19.5         | 17.7        | 9.5                    | 8.5         |

See footnotes at end of table.



# STATE AND AREA UNEMPLOYMENT DATA

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

(Numbers in thousands)

| State and area                                       | Labor force |             | Unemployment |             |                        |             |
|--|-------------|-------------|--------------|-------------|------------------------|-------------|
|  |             |             | Number       |             | Percent of labor force |             |
|  | JUN. 1976   | JUL. P 1976 | JUN. 1976    | JUL. P 1976 | JUN. 1976              | JUL. P 1976 |
| <b>VIRGINIA</b> .....                                | 2,300.8     | 2,293.5     | 127.5        | 124.3       | 5.5                    | 5.4         |
| Lynchburg .....                                      | 69.1        | 68.2        | 3.6          | 3.6         | 5.3                    | 5.3         |
| Newport News—Hampton .....                           | 154.9       | 151.8       | 9.7          | 8.6         | 6.3                    | 5.7         |
| Norfolk—Virginia Beach—Portsmouth <sup>1</sup> ..... | 303.4       | 301.0       | 19.2         | 17.7        | 6.3                    | 5.9         |
| Richmond .....                                       | 296.1       | 293.2       | 12.5         | 11.2        | 4.2                    | 3.8         |
| Roanoke .....  | 107.5       | 107.5       | 5.3          | 5.9         | 4.9                    | 5.5         |
| <b>WASHINGTON</b> .....                              | 1,601.6     | 1,582.0     | 141.2        | 142.2       | 8.8                    | 9.0         |
| Seattle—Everett .....                                | 688.1       | 682.3       | 59.9         | 59.6        | 8.7                    | 8.7         |
| Spokane .....  | 130.3       | 128.1       | 10.5         | 10.4        | 8.0                    | 8.1         |
| Tacoma .....   | 156.8       | 156.9       | 16.0         | 17.7        | 10.2                   | 11.3        |
| <b>WEST VIRGINIA</b> .....                           | 656.6       | 667.6       | 38.8         | 41.3        | 5.9                    | 6.2         |
| Charleston .....                                     | 105.2       | 107.6       | 4.4          | 5.1         | 4.2                    | 4.7         |
| Huntington—Ashland <sup>1</sup> .....                | 108.2       | 108.5       | 6.7          | 6.3         | 6.2                    | 5.8         |
| Parkersburg—Marietta <sup>1</sup> .....              | 61.1        | 61.2        | 5.0          | 4.7         | 8.1                    | 7.7         |
| Wheeling <sup>1</sup> .....                          | 72.9        | 73.6        | 4.0          | 4.5         | 5.5                    | 6.1         |
| <b>WISCONSIN</b> .....                               | 2,153.9     | 2,146.9     | 124.8        | 126.6       | 5.8                    | 5.9         |
| Appleton—Oshkosh .....                               | 139.1       | 138.5       | 7.5          | 7.0         | 5.4                    | 5.1         |
| Green Bay .....                                      | 86.0        | 85.6        | 5.2          | 4.9         | 6.0                    | 5.7         |
| Kenosha .....  | 62.9        | 61.6        | 4.2          | 3.9         | 6.7                    | 6.4         |
| La Crosse .....                                      | 41.2        | 41.1        | 2.1          | 2.2         | 5.2                    | 5.5         |
| Madison .....  | 166.5       | 165.3       | 7.1          | 6.9         | 4.3                    | 4.2         |
| Milwaukee .....                                      | 653.4       | 646.9       | 38.4         | 38.1        | 5.9                    | 5.9         |
| Racine .....   | 88.6        | 87.0        | 6.3          | 5.8         | 7.1                    | 6.7         |
| <b>WYOMING</b> .....                                 | 205.5       | 205.0       | 7.7          | 6.7         | 3.7                    | 3.3         |

<sup>1</sup> Includes interstate portion of Area located in adjacent State(s).  
p=preliminary.  
N.A.=not available.

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

\* The May data for New Jersey which appeared in the August 1976 issue of Employment and Earnings should be corrected as follows:

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

(Numbers in thousands)

| State and area                                 | Labor Force | Unemployment | Unemployment Rate |
|--|-------------|--------------|-------------------|
|  | May 1976    | May 1976     | May 1976          |
| <b>NEW JERSEY</b> .....                        | 3,202.5     | 294.6        | 9.2               |
| Atlantic City .....                            | 73.3        | 7.3          | 10.0              |
| Jersey City .....                              | 251.1       | 30.1         | 12.0              |
| Long Branch-Asbury Park .....                  | 199.3       | 15.7         | 7.9               |
| Newark .....                                   | 889.2       | 83.0         | 9.3               |
| New Brunswick-Perth Amboy-<br>Sayreville ..... | 277.5       | 24.0         | 8.7               |
| Paterson-Clifton-Passaic .....                 | 197.4       | 20.3         | 10.3              |
| Trenton .....                                  | 148.9       | 9.3          | 6.3               |
| Vineland-Millville-Bridgeton .....             | 53.7        | 5.6          | 10.4              |

# UNEMPLOYMENT INSURANCE DATA

## F-1. Insured unemployment under States programs

[Week including the 12th of the month]

| State                             | Number (in thousands) |           |             |                          |           | Rate (percent of average covered employment) |           |             |
|-----------------------------------|-----------------------|-----------|-------------|--------------------------|-----------|--|-----------|-------------|
|                                   | August 1975           | July 1976 | August 1976 | Change from <sup>1</sup> |           | August 1975                                  | July 1976 | August 1976 |
|                                   |                       |           |             | August 1975              | July 1976 |  |           |             |
| <b>TOTAL<sup>2, 3</sup></b> ..... | 3, 476.2              | 2, 894.8  | 2, 701.4    | 774.8                    | 193.4     | 5.2  | 4.4       | 4.1         |
| <b>SEASONALLY ADJUSTED</b> .....  | 4, 099.3              | 3, 063.4  | 3, 144.7    | -954.6                   | -81.3     | 6.1  | 4.7       | 4.8         |
| Alabama .....                     | 48.5                  | 46.8      | 38.5        | -10.0                    | -8.3      | 5.2  | 5.1       | 4.2         |
| Alaska .....                      | 5.3                   | 6.4       | 7.1         | 1.8                      | 0.6       | 6.0  | 5.4       | 5.9         |
| Arizona .....                     | 36.9                  | 25.1      | 24.3        | -12.6                    | -0.7      | 5.9  | 4.3       | 4.1         |
| Arkansas .....                    | 33.5                  | 23.6      | 24.0        | -9.6                     | 0.4       | 6.2  | 4.5       | 4.6         |
| California* .....                 | 374.9                 | 342.1     | 336.6       | -38.3                    | -5.5      | 5.7  | 5.2       | 5.1         |
| Colorado .....                    | 20.7                  | 21.1      | 18.4        | -2.2                     | -2.7      | 2.7  | 2.9       | 2.5         |
| Connecticut .....                 | 86.9                  | 74.1      | 69.8        | -17.1                    | -4.3      | 7.1  | 6.4       | 6.0         |
| Delaware .....                    | 10.9                  | 8.8       | 9.8         | -1.1                     | 1.0       | 5.1  | 4.3       | 4.8         |
| District of Columbia .....        | 16.0                  | 11.9      | 11.7        | -4.3                     | -0.2      | 4.4  | 3.3       | 3.3         |
| Florida .....                     | 128.2                 | 97.7      | 95.0        | -33.2                    | -2.7      | 4.9  | 3.7       | 3.6         |
| Georgia .....                     | 63.5                  | 46.3      | 45.2        | -18.3                    | -1.1      | 4.3  | 3.3       | 3.2         |
| Hawaii .....                      | 15.0                  | 15.3      | 15.8        | 0.8                      | 0.5       | 4.8  | 4.8       | 4.9         |
| Idaho .....                       | 9.4                   | 9.0       | 8.9         | -0.5                     | -0.1      | 4.4  | 4.1       | 4.0         |
| Illinois .....                    | 214.5                 | 191.0     | 181.6       | -32.9                    | -9.5      | 5.6  | 5.2       | 4.9         |
| Indiana .....                     | 62.4                  | 33.0      | 33.5        | -28.9                    | 0.5       | 3.7  | 2.1       | 2.1         |
| Iowa .....                        | 27.0                  | 20.9      | 18.8        | -8.2                     | -2.1      | 3.3  | 2.6       | 2.4         |
| Kansas .....                      | 17.5                  | 16.2      | 18.5        | 1.0                      | 2.4       | 2.9  | 2.6       | 3.0         |
| Kentucky .....                    | 46.1                  | 32.4      | 32.3        | -13.8                    | -0.1      | 5.4  | 3.9       | 3.8         |
| Louisiana .....                   | 54.4                  | 39.3      | 37.9        | -16.4                    | -1.4      | 5.4  | 3.8       | 3.7         |
| Maine .....                       | 16.7                  | 21.4      | 14.2        | -2.5                     | -7.2      | 5.8  | 7.6       | 5.0         |
| Maryland .....                    | 54.6                  | 39.4      | 37.5        | -17.1                    | -1.9      | 4.7  | 3.5       | 3.3         |
| Massachusetts .....               | 142.0                 | 106.0     | 93.5        | -48.5                    | -12.6     | 7.0  | 5.5       | 4.9         |
| Michigan .....                    | 195.5                 | 158.6     | 138.8       | -56.7                    | -19.8     | 7.1  | 5.6       | 4.9         |
| Minnesota .....                   | 47.1                  | 40.6      | 36.9        | -10.2                    | -3.7      | 3.4  | 2.9       | 2.7         |
| Mississippi .....                 | 27.4                  | 19.4      | 19.1        | -8.3                     | -0.3      | 5.0  | 3.6       | 3.6         |
| Missouri .....                    | 73.6                  | 56.4      | 53.5        | -20.1                    | -2.9      | 5.0  | 4.0       | 3.8         |
| Montana .....                     | 6.9                   | 8.9       | 8.9         | 2.0                      | 0.0       | 4.1  | 4.6       | 4.6         |
| Nebraska .....                    | 14.2                  | 9.0       | 8.0         | -6.2                     | -1.0      | 3.2  | 2.1       | 1.8         |
| Nevada .....                      | 11.1                  | 11.0      | 10.7        | -0.4                     | -0.3      | 5.2  | 5.1       | 4.9         |
| New Hampshire .....               | 15.0                  | 10.6      | 7.0         | -8.0                     | -3.6      | 5.7  | 4.3       | 2.8         |
| New Jersey .....                  | 152.0                 | 130.2     | 131.6       | -20.4                    | 1.4       | 6.6  | 6.0       | 6.1         |
| New Mexico .....                  | 14.3                  | 11.3      | 11.0        | -3.2                     | -0.2      | 5.5  | 4.4       | 4.3         |
| New York .....                    | 349.3                 | 319.1     | 296.0       | -53.2                    | -23.1     | 5.9  | 5.6       | 5.2         |
| North Carolina .....              | 74.8                  | 62.8      | 49.7        | -25.1                    | -13.1     | 4.3  | 3.8       | 3.0         |
| North Dakota .....                | 2.8                   | 2.7       | 2.6         | -0.2                     | 0.0       | 2.0  | 1.8       | 1.8         |
| Ohio .....                        | 156.9                 | 96.2      | 88.8        | -68.1                    | -7.4      | 4.1  | 2.6       | 2.4         |
| Oklahoma .....                    | 28.0                  | 25.3      | 24.0        | -4.1                     | -1.4      | 3.9  | 3.6       | 3.4         |
| Oregon .....                      | 41.1                  | 37.0      | 33.5        | -7.6                     | -3.5      | 5.4  | 4.8       | 4.4         |
| Pennsylvania .....                | 263.8                 | 225.6     | 196.2       | -67.7                    | -29.4     | 6.8  | 6.0       | 5.2         |
| Puerto Rico <sup>2</sup> .....    | 79.3                  | 70.2      | 77.4        | -1.9                     | 7.2       | 13.5   | 13.2      | 13.5        |
| Rhode Island .....                | 26.7                  | 28.3      | 19.4        | -7.3                     | -8.9      | 8.2  | 9.2       | 6.3         |
| South Carolina .....              | 41.1                  | 34.2      | 29.2        | -11.9                    | -5.0      | 5.0  | 4.4       | 3.7         |
| South Dakota .....                | 3.4                   | 3.3       | 3.0         | -0.4                     | -0.3      | 2.1  | 2.1       | 1.9         |
| Tennessee .....                   | 64.4                  | 54.2      | 44.7        | -19.6                    | -9.5      | 5.0  | 4.4       | 3.7         |
| Texas .....                       | 77.3                  | 57.9      | 60.8        | -16.5                    | 3.0       | 2.1  | 1.6       | 1.6         |
| Utah .....                        | 13.7                  | 10.8      | 10.9        | -2.8                     | 0.1       | 4.1  | 3.2       | 3.2         |
| Vermont .....                     | 9.3                   | 7.0       | 6.5         | -2.7                     | -0.5      | 7.0  | 5.4       | 5.0         |
| Virginia .....                    | 32.9                  | 26.6      | 26.7        | -6.1                     | 0.1       | 2.4  | 1.9       | 1.9         |
| Washington .....                  | 76.5                  | 70.4      | 69.0        | -7.6                     | -1.4      | 7.9  | 7.1       | 6.9         |
| West Virginia .....               | 20.5                  | 19.1      | 16.5        | -3.9                     | -2.6      | 4.4  | 4.2       | 3.6         |
| Wisconsin .....                   | 70.7                  | 58.7      | 4.65        | -24.2                    | -12.2     | 4.5  | 3.7       | 3.0         |
| Wyoming .....                     | 1.6                   | 1.6       | 1.4         | -0.2                     | -0.2      | 1.5  | 1.5       | 1.3         |

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

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

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

# UNEMPLOYMENT INSURANCE DATA

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

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

| State and area       | Aug. 1975 | Aug. 1976 | State and area       | Aug. 1975 | Aug. 1976 | State and area        | Aug. 1975 | Aug. 1976 | State and area        | Aug. 1975 | Aug. 1976 |
|----------------------|-----------|-----------|----------------------|-----------|-----------|-----------------------|-----------|-----------|-----------------------|-----------|-----------|
| <b>ALABAMA</b>       |           |           | <b>INDIANA—</b>      |           |           | <b>NEW JERSEY</b>     |           |           | <b>PENNSYLVANIA—</b>  |           |           |
| Birmingham .....     | 10.8      | 9.2       | Continued            |           |           | Atlantic City .....   | 4.7       | 3.7       | Continued             |           |           |
| Mobile .....         | 4.8       | 4.5       |                      |           |           | Jersey City .....     | 14.5      | 15.4      |                       |           |           |
| <b>ARIZONA</b>       |           |           | Gary-Hammond—        |           |           | Newark .....          | 44.2      | 34.4      | Northeast             |           |           |
| Phoenix .....        | 22.9      | 13.8      | East Chicago .....   | 8.5       | 4.1       | New Brunswick—        |           |           | Pennsylvania .....    | 21.0      | 18.3      |
| <b>ARKANSAS</b>      |           |           | Indianapolis .....   | 12.5      | 6.5       | Perth Amboy—          |           |           | Philadelphia .....    | 114.7     | 85.7      |
| Little Rock—         |           |           | South Bend .....     | 4.4       | 1.8       | Sayreville .....      | 14.1      | 11.2      | Pittsburgh .....      | 41.7      | 30.5      |
| North Little         |           |           | Terre Haute .....    | 1.7       | 1.4       | Paterson—Clifton—     |           |           | Reading .....         | 6.7       | 5.1       |
| Rock .....           | 5.5       | 3.4       | <b>IOWA</b>          |           |           | Passaic .....         | 12.0      | 10.5      | York .....            | 7.4       | 5.5       |
| <b>CALIFORNIA</b>    |           |           | Cedar Rapids .....   | 1.1       | .9        | Trenton .....         | 5.0       | 4.2       | <b>PUERTO RICO</b>    |           |           |
| Anaheim—S. Ana—      |           |           | Des Moines .....     | 3.8       | 3.0       | <b>NEW MEXICO</b>     |           |           | Mayaguez .....        | 2.3       | 2.5       |
| Garden Grove .....   | 30.6      | 23.2      | <b>KANSAS</b>        |           |           | Albuquerque .....     | 5.8       | 5.2       | Ponce .....           | 3.6       | 5.3       |
| Fresno .....         | 7.2       | 7.2       | Wichita .....        | 5.5       | 4.7       | <b>NEW YORK</b>       |           |           | San Juan .....        | 14.7      | 16.6      |
| Los Angeles—Long     |           |           | <b>KENTUCKY</b>      |           |           | Albany—               |           |           | <b>RHODE ISLAND</b>   |           |           |
| Beach .....          | 146.8     | 120.1     | Louisville .....     | 13.6      | 7.7       | Schenectady—          |           |           | Providence—           |           |           |
| Riverside—San        |           |           | <b>LOUISIANA</b>     |           |           | Troy .....            | 11.8      | 10.1      | Warwick—              |           |           |
| Bernardino—          |           |           | Baton Rouge .....    | 6.1       | 4.5       | Binghamton .....      | 5.4       | 3.0       | Pawtucket .....       | 29.6      | 19.5      |
| Ontario .....        | 21.0      | 19.7      | New Orleans .....    | 16.3      | 12.2      | Buffalo .....         | 29.6      | 19.7      | <b>SOUTH CAROLINA</b> |           |           |
| Sacramento .....     | 13.7      | 14.4      | Shreveport .....     | 5.6       | 4.2       | New York City         |           |           | Charleston .....      | 5.4       | 3.6       |
| San Diego .....      | 29.3      | 27.8      | <b>MAINE</b>         |           |           | Combined Areas...     | 236.5     | 212.2     | Greenville—           |           |           |
| San Francisco—       |           |           | Portland .....       | 1.9       | 1.8       | (a) N.Y. City         |           |           | Spartanburg .....     | 8.3       | 5.5       |
| Oakland .....        | 60.2      | 56.6      | <b>MARYLAND</b>      |           |           | plus Rockland,        |           |           | <b>TENNESSEE</b>      |           |           |
| San Jose .....       | 19.4      | 16.5      | Baltimore .....      | 34.1      | 21.8      | Putnam, and           |           |           | Chattanooga .....     | 5.0       | 3.2       |
| Stockton .....       | 4.8       | 4.9       | <b>MASSACHUSETTS</b> |           |           | Westchester Cos. .    | 184.2     | 166.3     | Knoxville .....       | 6.4       | 3.9       |
| <b>COLORADO</b>      |           |           | Boston .....         | 60.2      | 46.6      | (b) Nassau—           |           |           | Memphis .....         | 12.1      | 14.1      |
| Denver—Boulder ..    | 13.4      | 11.9      | Brockton .....       | 4.9       | 2.7       | Suffolk .....         | 52.3      | 45.9      | Nashville—            |           |           |
| <b>CONNECTICUT</b>   |           |           | Fall River .....     | 5.1       | 2.8       | Rochester .....       | 10.9      | 13.5      | Davidson .....        | 10.7      | 6.2       |
| Bridgeport .....     | 10.8      | 8.8       | Lawrence—            |           |           | Syracuse .....        | 11.5      | 7.9       | <b>TEXAS</b>          |           |           |
| Hartford .....       | 18.6      | 16.4      | Haverhill .....      | 7.6       | 6.5       | Utica—Rome .....      | 6.0       | 4.8       | Austin .....          | 3.0       | 2.6       |
| New Britain .....    | 5.3       | 4.5       | Lowell .....         | 6.1       | 3.5       | <b>NORTH CAROLINA</b> |           |           | Beaumont—             |           |           |
| New Haven—           |           |           | New Bedford .....    | 5.8       | 2.8       | Asheville .....       | 2.7       | 1.4       | Port Arthur—          |           |           |
| West Haven .....     | 9.9       | 9.9       | Springfield—         |           |           | Charlotte—            |           |           | Orange .....          | 4.2       | 2.8       |
| Stamford .....       | 4.3       | 6.3       | Chicopee—            |           |           | Corpus Christi .....  | 8.7       | 5.2       | El Paso .....         | 1.8       | 1.4       |
| Waterbury .....      | 6.8       | 3.8       | Holyoke .....        | 13.2      | 9.0       | Gastonia .....        |           |           | Dallas .....          | 17.3      | 9.3       |
| <b>DELAWARE</b>      |           |           | Worcester .....      | 8.1       | 5.6       | Greensboro—           |           |           | El Paso .....         | 3.7       | 6.1       |
| Wilmington .....     | 10.9      | 9.7       | <b>MICHIGAN</b>      |           |           | High Point .....      | 11.3      | 6.6       | Fort Worth .....      | 6.1       | 5.6       |
| <b>DIST. OF COL.</b> |           |           | Battle Creek .....   | 4.3       | 3.1       | Raleigh—Durham ..     | 3.2       | 3.0       | Houston .....         | 9.8       | 9.8       |
| Washington .....     | 31.0      | 24.6      | Detroit .....        | 90.7      | 71.7      | <b>OHIO</b>           |           |           | San Antonio .....     | 6.8       | 5.7       |
| <b>FLORIDA</b>       |           |           | Flint .....          | 16.6      | 7.2       | Akron .....           | 11.1      | 6.6       | <b>UTAH</b>           |           |           |
| Jacksonville .....   | 5.7       | 4.7       | Grand Rapids .....   | 10.7      | 7.4       | Canton .....          |           |           | Salt Lake City—       |           |           |
| Miami .....          | 29.3      | 20.8      | Kalamazoo—           |           |           | Cincinnati .....      | 7.2       | 4.0       | Ogden .....           | 7.7       | 6.0       |
| Tampa—St.            |           |           | Portage .....        | 4.4       | 3.4       | Cleveland .....       | 13.7      | 10.5      | <b>VIRGINIA</b>       |           |           |
| Petersburg .....     | 22.7      | 17.4      | Lansing—East         |           |           | Columbus .....        | 27.7      | 16.2      | Newport News—         |           |           |
| <b>GEORGIA</b>       |           |           | Lansing .....        | 10.8      | 6.6       | Dayton .....          | 14.3      | 10.0      | Hampton .....         | 2.9       | 2.6       |
| Atlanta .....        | 25.0      | 15.5      | Muskegon—            |           |           | Dayton .....          | 11.0      | 6.2       | Norfolk—              |           |           |
| Augusta .....        | 4.7       | 3.4       | Heights .....        | 6.4       | 4.8       | Hamilton—             |           |           | Virginia Beach—       |           |           |
| Columbus .....       | 3.0       | 3.0       | Saginaw .....        | 5.2       | 2.8       | Middletown .....      | 5.1       | 2.4       | Portsmouth .....      | 5.9       | 4.7       |
| Macon .....          | 3.1       | 2.9       | <b>MINNESOTA</b>     |           |           | Lorain—               |           |           | Richmond .....        | 4.8       | 2.6       |
| Savannah .....       | 2.9       | 2.0       | Duluth—              |           |           | Elyria .....          | 4.3       | 2.3       | Roanoke .....         | 2.6       | 1.5       |
| <b>HAWAII</b>        |           |           | Superior .....       | 3.6       | 2.6       | Stuebenville—         |           |           | <b>WASHINGTON</b>     |           |           |
| Honolulu .....       | 12.9      | 13.9      | Minneapolis—         |           |           | Weirton .....         | 2.7       | .9        | Seattle .....         | 33.6      | 31.1      |
| <b>ILLINOIS</b>      |           |           | St. Paul .....       | 27.0      | 19.0      | Toledo .....          | 11.9      | 8.1       | Spokane .....         | 6.3       | 5.7       |
| Chicago .....        | 146.0     | 106.2     | <b>MISSISSIPPI</b>   |           |           | Youngstown—           |           |           | Tacoma .....          | 9.1       | 8.6       |
| Davenport—Rock       |           |           | Jackson .....        | 2.2       | 2.1       | Warren .....          | 14.8      | 7.1       | <b>WEST VIRGINIA</b>  |           |           |
| Island—              |           |           | <b>MISSOURI</b>      |           |           | <b>OKLAHOMA</b>       |           |           | Charleston .....      | 2.3       | 1.8       |
| Moline .....         | 4.2       | 3.6       | Kansas City .....    | 19.1      | 15.6      | Oklahoma City .....   | 8.3       | 6.5       | Huntington—           |           |           |
| Peoria .....         | 3.1       | 4.0       | St. Louis .....      | 45.4      | 35.4      | Tulsa .....           | 5.8       | 5.6       | Ashland .....         | 3.8       | 2.6       |
| Rockford .....       | 6.7       | 5.1       | <b>NEBRASKA</b>      |           |           | <b>OREGON</b>         |           |           | Wheeling .....        | 2.3       | 2.0       |
| <b>INDIANA</b>       |           |           | Omaha .....          | 8.6       | 5.4       | Portland .....        | 23.0      | 16.7      | <b>WISCONSIN</b>      |           |           |
| Evansville .....     | 2.9       | 2.1       | <b>NEW HAMPSHIRE</b> |           |           | <b>PENNSYLVANIA</b>   |           |           | Kenosha .....         | 1.6       | 2.1       |
| Ft. Wayne .....      | 5.5       | 2.1       | Manchester .....     | 3.2       | 2.0       | Allentown—            |           |           | Madison .....         | 4.8       | 3.8       |
|                      |           |           |                      |           |           | Bethlehem—            |           |           | Milwaukee .....       | 27.9      | 13.3      |
|                      |           |           |                      |           |           | Easton .....          | 13.8      | 13.9      | Racine .....          | 3.7       | 2.5       |
|                      |           |           |                      |           |           | Aitona .....          | 2.9       | 2.1       |                       |           |           |
|                      |           |           |                      |           |           | Erie .....            | 5.9       | 5.3       |                       |           |           |
|                      |           |           |                      |           |           | Harrisburg .....      | 7.4       | 5.7       |                       |           |           |
|                      |           |           |                      |           |           | Johnstown .....       | 6.0       | 5.3       |                       |           |           |
|                      |           |           |                      |           |           | Lancaster .....       | 5.7       | 4.0       |                       |           |           |

<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.

# **Explanatory Notes**

**Introduction**

**Household Data (A tables)**

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

**State and Area Unemployment Data (E table)**

**Unemployment Insurance Data (F tables)**

**Seasonal Adjustment**

# Introduction

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

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

*Data based on establishment records* are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The establishment 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 work on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

## COMPARABILITY OF THE PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

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

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

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

## Household data

(A tables)

### COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in *Concepts and Methods Used in Manpower Statistics from the Current Population Survey*, BLS Report 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 eligible for interview. About 2,000 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4 percent. In addition to the 47,000 occupied units, there are 8,000 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from 1 month to the next, and one-half to be common with the same month a year earlier.

## CONCEPTS

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

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

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

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

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

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

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

Jobseekers are all unemployed persons who made specific efforts to find a job, sometime during the 4-week period preceding the survey week. Jobseekers do not include persons unemployed because they (a) were waiting to be called back to a job from which they had been laid off or (b) were waiting to report to a new wage or salary job within 30 days. Jobseekers are grouped by the methods used to seek work, including going to a public or private employment agency or to an employer directly, seeking assistance from friends or relatives, placing or answering ads, or utilizing some "other" method. Examples of the "other" category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated pick-up point.

*The civilian labor force* comprises the total of all civilians classified as employed or unemployed in accordance with the criteria described above. The "total labor force" also includes members of the Armed Forces stationed either in the United States or abroad.

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

*Participation rates* represent the proportion of the 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 race and educational attainment.

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

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

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

formation 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 non-economic reasons and usually work full time.

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

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

*Race.* White and black and other are terms used to describe the race of workers. The black and other category, which until

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

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

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

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

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

*Nonveterans* are males who never served in the Armed Forces.

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

## HISTORIC COMPARABILITY

### Raised lower age limit

Beginning with data for 1967, the lower age limit for official statistics on persons in the labor force was raised from 14 to 16 years. At the same time, several definitions were sharpened to clear up ambiguities. The principal definitional changes were: (1) Counting as unemployed only persons who were currently available for work and who had engaged in some specific 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 were also looking for other jobs; previously, these persons had been classified as unemployed; (3) sharpening the questions on hours of work, dura-



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

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

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

age-sex group, and all of the changes were in the "other" population.

### Changes in occupational classification system

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

An additional major group was created by splitting the operatives category into two: operatives, except transport, and transport equipment operatives. Separate data for these two groups first became available in January 1972. At the same time, several changes in titles, as well as in order of 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 always be made for 1972 and subsequent years with earlier periods. However, revisions in the occupational classification system as well as in the CPS questionnaire are believed to have had but a negligible impact on unemployment rates.

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

### ESTIMATING METHODS

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

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or

unavailability of the respondent for other reasons. This adjustment is made separately by combinations of sample areas and, within these, for six groups—two race categories (white, and black and other) within three residence categories. For sample areas which are standard metropolitan statistical areas (SMSA's), these residence categories are the central cities, and the urban and the rural balance of the SMSA's. For other sample areas, the residence categories are urban, rural nonfarm, and rural farm. The proportion of sample households not interviewed varies from 3 to 5 percent depending on weather, vacations, etc.

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

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

*b. Second-stage ratio estimate.* In this step, the sample proportions are applied to independent current estimates of the population by age, sex, and race. Prior to January 1974 these estimates were prepared by carrying forward the most recent census data (1970) after taking account of subsequent aging of the population, births, deaths, and migration between the United States and other countries.

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

**3. Composite estimate procedure.** In deriving statistics for a given month, a composite estimating procedure is used which takes account of net changes from the previous month for continuing parts of the sample (75 percent) as well as the sample results for the current month. This procedure reduces the sampling variability of month-to-month changes especially and of the levels for most items also.

#### Rounding of estimates

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

#### Reliability of the estimates

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were

possible to take a complete census using the same schedules and procedures.

The standard error is a measure of sampling variability, that is, the variations that might occur by chance because only a sample of the population is surveyed. The chances are about 2 out of 3 that an estimate from the sample would differ from a complete census by less than the standard error. The chances are about 19 out of 20 that the difference would be less than twice the standard error.

Table A shows the average standard error for the major employment status categories, by sex, computed from data for past months. Estimates of change derived from the survey are also subject to sampling variability. The standard error of change for consecutive months is also shown in table A. The standard errors of level shown in table A are acceptable approximations of the standard errors of year-to-year change.

**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 .....               | 109                        | 106   |
| <b>MALES</b>                     |                            |   |
| Labor force .....                | 115                        | 95  |
| Total employment .....           | 125                        | 100   |
| Agriculture .....                | 85                         | 55  |
| Nonagricultural employment ..... | 130                        | 105   |
| Unemployment .....               | 81                         | 89  |
| <b>FEMALES</b>                   |                            |   |
| Labor force .....                | 140                        | 110   |
| Total employment .....           | 140                        | 110   |
| Agriculture .....                | 35                         | 25  |
| Nonagricultural employment ..... | 140                        | 110   |
| Unemployment .....               | 74                         | 83  |

The figures presented in table B are to be used for other characteristics and are approximations of the standard errors of all such characteristics. They should be interpreted as providing an indication of the order of magnitude of the standard errors rather than as the precise standard error for any specific item.

The standard error of the change in an item from one month to the next month is more closely related to the standard error

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

(In thousands)

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

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.

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

**Table D. Standard error of unemployment percentages**

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

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

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

## Establishment data

(B, C, and D tables)

### COLLECTION

Payroll reports provide current information on wage and salary employment, hours, earnings, and labor turnover in 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 of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month.

### CONCEPTS

#### Industrial classification

Establishments reporting on Form BLS 790 and Form DL 1219 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. This information is collected each year on a supplement to the monthly 790 or 1219 report. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included

under the industry indicated by the most important product or activity.

All national, State, and area employment, hours, earnings, and labor turnover series are classified in accordance with the *Standard Industrial Classification Manual*, Bureau of the Budget, 1967.

### Industry employment

Employment data, except those for the Federal Government refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers in households. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday or paid vacation, or who work during a part of the pay period and are unemployed or on strike during the rest of the period, are counted as employed. Not counted as employed are persons who are laid off, on leave without pay, or on strike for the entire period or who are hired but have not been paid during the period.

### Industry hours and earnings

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

*Production and related workers* include working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspection, receiving, storage, handling, packing, warehousing, shipping, maintenance, repair, janitorial and guard services, product development, auxiliary production for plant's own use (e.g., power plant), and recordkeeping and other services closely associated with the above production operations.

*Construction workers* include the following employees in the contract construction division: Working supervisors, qualified craft workers, mechanic's apprentices, laborers, etc., whether working at the site of construction or in shops or yards, at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

*Nonsupervisory employees* include employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and similar occupational levels, and other employees whose services are closely associated with those of the employees listed.

*Payroll covers* the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds or union dues; also included is pay for overtime, holidays, vacations, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period), other pay not earned in the pay period reported (e.g., retroactive pay), tips, and the value of free rent, fuel, meals, or other payment in kind are excluded. "Fringe benefits" (such as health and other types of insurance, contributions to retirement, etc. paid by the employer) are also excluded.

*Hours* cover the hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. Included are hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

*Overtime hours* cover hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

### Gross average hourly and weekly earnings

Average hourly earnings are on a "gross" basis, reflecting not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. Shifts in the volume of employment between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments also affect the general earnings averages. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series does not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under the production-worker, construction-worker, or nonsupervisory-employee definitions.

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

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

### Average weekly hours

The workweek information relates to the average hours for which pay was received and is different from standard or

scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

#### **Average overtime hours**

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

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

#### **Hours and earnings for total private nonagricultural industries**

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

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

#### **Railroad hours and earnings**

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

#### **Spendable average weekly earnings**

Spendable average weekly earnings in current dollars are obtained by deducting estimated Federal social security and income taxes from average weekly earnings. The amount of income tax liability depends on the number of dependents supported by the worker and his marital status, as well as on the level of his gross income. To reflect these variables, spendable

earnings are computed for a worker with no dependents and a married worker with three dependents. The computations are based on gross average weekly earnings for all production or nonsupervisory workers in the industry division excluding other income and income earned by other family members.

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

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

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

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

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

#### **Indexes of aggregate weekly payrolls and hours**

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

#### **Indexes of diffusion of changes in number of employees on nonagricultural payrolls**

These indexes measure the percent of industries which posted increases in employment over the specified time span. The indexes are calculated from 172 unpublished seasonally adjusted employment series (two-digit nonmanufacturing industries and three-digit manufacturing industries) covering all nonagricultural payroll employment in the private sector. A more detailed discussion of these indexes appears in "Introduction of Diffusion Indexes," in the December, 1974 issue of *Employment and Earnings*.

## Labor turnover

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

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

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

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

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

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

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

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

## Relationship of labor turnover to employment series

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

## ESTIMATING METHODS

The principal features of the procedure used to estimate employment for the industry statistics are (1) the use of the "link relative" technique, which is a form of ratio estimation, (2) periodic adjustment of employment levels to new benchmarks, and (3) the use of size and regional stratification.

## The "link relative" technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives." In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described in table F. Summary of methods for computing industry statistics on employment, hours, earnings, and labor turnover.

## Size and regional stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified production or nonsupervisory worker data are used to weight the hours and earnings into broader industry groupings. Accordingly, the basic estimating cell for an employment, hours, or earnings series, as the term is used in the summary of computational methods, may be a whole industry or a size stratum, a region stratum, or a size stratum of a region within an industry.

## Benchmark adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1974 levels. Normally, benchmark adjustments are made annually.

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

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

Data for all months since the last benchmark to which the series has been adjusted are subject to revision. To provide users of the data with a convenient reference source for the revised data, the BLS publishes as soon as possible after each benchmark revision a summary volume of employment, hours, earnings, and labor turnover statistics, entitled *Employment and Earnings, United States*.

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

| Item   | Basic estimating cell (industry, region, size, or region/size cell)   | Aggregate industry levels (divisions, groups and, where stratified, individual cells)   |
|--|---|---|
| <b>Monthly data</b>  |   |   |
| All employees . . . . .  | All employees estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months.             | Sum of all employee estimates for component cells.  |
| Production or nonsupervisory workers, women employees . . .      | All employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees. | Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.                     |
| Gross average weekly hours . . . . .                             | Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers.  | Average, weighted by production or nonsupervisory employment, of the average weekly hours for component cells.                  |
| Average weekly overtime hours . . . . .                          | Production worker overtime hours divided by number of production workers.   | Average, weighted by production worker employment, of the average weekly overtime hours for component cells.                    |
| Gross average hourly earnings . . .                              | Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours.   | Average, weighted by aggregate hours, of the average hourly earnings for component cells.                                       |
| Gross average weekly earnings . . .                              | Product of gross average weekly hours and average hourly earnings.  | Product of gross average weekly hours and average hourly earnings.  |
| Labor turnover rates . . . . .                                   | The number of particular actions (e.g., quits) in reporting establishments divided by total employment in those firms. The result is multiplied by 100.   | Average, weighted by employment, of the rates for component cells.  |
| <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.   |



**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.

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

**Table H. Approximate size and coverage of BLS employment and payrolls sample, March 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) <sup>2</sup> ..... | 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.

**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.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE).

**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.

The measure is the standard deviation adjusted for the bias in estimates

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

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

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

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

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

| Size of employment estimate | Root mean square error of employment estimates <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.

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

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

## STATISTICS FOR STATES AND AREAS

State and area employment, hours, earnings, and labor turnover data are collected and prepared by State agencies in cooperation with BLS. The area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue. These statistics are based on the same establishment reports used by BLS for preparing national estimates. For employment, the sum of the State figures may differ slightly from the equivalent official U.S. totals on a

national basis, because some States have more recent benchmarks than others and because of the effects of differing industrial and geographic stratification.

For the States and the areas shown in the B and C sections of this periodical, all the annual average data for the detailed industry statistics currently published by each cooperating State agency are presented (from the earliest date of availability of each series) in a summary volume published annually by the BLS.

## PRODUCTIVITY DATA

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

### Definitions

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

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

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

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

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

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

### Notes on the data

For the private business sector and the nonfarm business sector, these indexes relate to the Gross Domestic Product less households and institutions, owner-occupied, housing, and statistical discrepancy. For the nonfinancial corporate sector, the indexes refer to the Gross Domestic Product of nonfinancial corporate businesses.

Manufacturing data have been revised to reflect revisions in the Federal Reserve Board Index of Industrial Production. Output data are supplied by the Bureau of Economic Analysis, U.S. Department of Commerce, and the Federal Reserve Board. Quarterly measures have been adjusted by the Bureau of Labor Statistics to annual estimates of output (gross product originating) from the Bureau of Economic Analysis. Compensation and hour data are from the Bureau of Economic Analysis and the Bureau of Labor Statistics.

# State and area unemployment data

(E table)

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

## Federal-State cooperative program

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

## ESTIMATING METHODS

Monthly employment and unemployment estimates are prepared in several stages:

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

2. *Preliminary estimate—Unemployment:* In the current month, the estimate of unemployment is an aggregate of the estimates for each of three building block categories: (1) Persons who were previously employed in industries covered by State unemployment insurance (UI) laws; (2) those previously employed in industries not covered by these laws; and (3) those who were either entering the labor force for the first time or reentering after a period of separation.

An estimate for those previously employed in covered industries is derived from a count of current unemployment insurance claimants, plus estimates of claimants whose benefits have been exhausted, those persons disqualified from receiving

benefits for nonmonetary reasons (because they quit, were discharged for cause, etc., but would otherwise have been eligible), and persons who either filed claims late, or not at all.

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

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

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

U = total entrant unemployment

E = total employment

X = total experienced unemployment

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

3. *Adjustment for additivity.* Using the Handbook method, States prepare independent employment and unemployment estimates for the State, and for many substate areas. An adjustment is applied to all substate estimates to ensure that the substate estimates add to the independent State totals. Specific additivity adjustment procedures vary from State to State, but are generally one of the three following basic methods: (a) If a State is comprised of mutually exclusive and exhaustive LMA's, then the difference between the independent State estimate and the sum of the estimates for the LMA's is prorated over all LMA's in the State, to produce a set of substate estimates which add to the independent State estimate; (b) If the mutually exclusive LMA's do not exhaust the geographic area of the State, then the difference between the independent State estimate and the sum of the LMA estimates, or residual, becomes the balance-of-State estimate; (c) If a State contains LMA's which are benchmarked independently (see below), estimates for these areas are subtracted from the independent State estimate and the additivity adjustment is then applied to the remaining areas in the balance of the State.

4. *Benchmark correction and extrapolation procedures.* Once each year all monthly estimates prepared by State employment security agencies under the Handbook method are adjusted, or benchmarked, by BLS to the annual average estimates resulting from the CPS. This adjustment is necessary because

the State-prepared estimates are not as reliable as the CPS estimates, due to differences in State UI laws, the structural limitations of the Handbook method, and errors in the UI data.

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

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

## Unemployment insurance data

(F tables)

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights and workers who have not earned rights to unemployment insurance. In general, excluded from coverage are those persons engaged in agriculture, domestic service, unpaid family work, selected nonprofit organizations, some State and local government and self-employment. Also excluded from the insured unemployment count, but included as employed in the household survey, are those persons who earned no wages during the payroll period because they were temporarily absent from their jobs due to taking time off, illness and industrial dispute as well as unpaid vacations. The rate of insured 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 utilizing the Census Bureau's X-11 Method. Each January, seasonal ad-

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

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

Revised seasonally adjusted series for major components of the labor force based on data through December 1975, new

seasonal factors for the 12 major components of the civilian labor force, and a description of the seasonal adjustment methodology are published in the February 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 1910*.

**UNITED STATES DEPARTMENT OF LABOR**  
**Bureau of Labor Statistics**

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**COOPERATING STATE AGENCIES**

*State and Local Area Unemployment Statistics Program (LAUS), Current Employment Statistics Program (CES), and Labor Turnover Statistics Program (LTS)*

BLS  
Region

|                   |  |
|-------------------|--|
| IV ALABAMA        | -Department of Industrial Relations, Industrial Relations Building, Montgomery 36104   |
| X ALASKA          | -Employment Security Division, Department of Labor, P.O. Box 3-7000, Juneau 99801  |
| IX ARIZONA        | -Department of Economic Security, P.O. Box 6123, Phoenix 85005   |
| VI ARKANSAS       | -Employment Security Division, Department of Labor, P.O. Box 2981, Little Rock 72203   |
| IX CALIFORNIA     | -Employment Development Department, P.O. Box 1679, Sacramento 95808 (LAUS and CES).  |
| VIII COLORADO     | -Division of Employment, Department of Labor and Employment, Room 222, 1210 Sherman Street, Denver 80203   |
| I CONNECTICUT     | -Employment Security Division, Labor Department, 200 Folly Brook Boulevard, Wethersfield 06109   |
| III DELAWARE      | -Department of Labor, 205 West 14th Street, Wilmington 19899   |
| III DIST. OF COL. | -Office of Administration and Management Service, D.C. Manpower Administration, Room 626, 500 C Street, N.W., Washington 20001   |
| IV FLORIDA        | -Division of Employment Security, Department of Commerce, Caldwell Building, Tallahassee 32304   |
| IV GEORGIA        | -Employment Security Agency, Department of Labor, 254 Washington Street, S.W., Atlanta 30334   |
| IX HAWAII         | -Department of Labor and Industrial Relations, P.O. Box 3680, Honolulu 96811   |
| X IDAHO           | -Department of Employment, P.O. Box 7189, Boise 83707  |
| V ILLINOIS        | -Bureau of Employment Security, Department of Labor, 165 North Canal Street, Chicago 60606   |
| V INDIANA         | -Employment Security Division, 10 North Senate Avenue, Indianapolis 46204  |
| VII IOWA          | -Employment Security Commission, 1000 East Grand Avenue, Des Moines 50319  |
| VII KANSAS        | -Employment Security Division, Department of Labor, 401 Topeka Avenue, Topeka 66603  |
| IV KENTUCKY       | -Department of Human Resources, P.O. Box 678, Frankfort 40601  |
| VI LOUISIANA      | -Department of Employment Security, P.O. Box 44094, Capitol Station, Baton Rouge 70804   |
| I MAINE           | -Employment Security Commission, Department of Manpower Affairs, 20 Union Street, Augusta 04330  |
| III MARYLAND      | -Department of Employment and Social Services, 1100 North Eutaw Street, Baltimore 21201  |
| I MASSACHUSETTS   | -Division of Employment Security, Charles F. Hurley Employment Security Building, Government Center Boston 02114   |
| V MICHIGAN        | -Employment Security Commission, Department of Labor, 7310 Woodward Avenue, Detroit 48202  |
| V MINNESOTA       | -Department of Manpower Services, 390 North Robert Street, St. Paul 55101  |
| IV MISSISSIPPI    | -Employment Security Commission, P.O. Box 1699, Jackson 39205  |
| VII MISSOURI      | -Division of Employment Security, Department of Labor and Industrial Relations, P.O. Box 59, Jefferson City 65101  |
| VIII MONTANA      | -Employment Security Division, Department of Labor and Industry, P.O. Box 1728, Helena 59601   |
| VII NEBRASKA      | -Division of Employment, Department of Labor, P.O. Box 94600, State House Station, Lincoln 68509   |
| IX NEVADA         | -Employment Security Department, P.O. Box 602, Carson City 89701   |
| I NEW HAMPSHIRE   | -Department of Employment Security, 32 South Main Street, Concord 03301  |
| II NEW JERSEY     | -Department of Labor and Industry, 202 John Fitch Plaza, Trenton 08625   |
| VI NEW MEXICO     | -Employment Security Commission, P.O. Box 1928, Albuquerque 87103  |
| II NEW YORK       | -Division of Employment, N.Y. State Department of Labor, State Campus—Building 12, Albany 12201  |
| IV NORTH CAROLINA | -Employment Security Commission, P.O. Box 25903, Raleigh 27611   |
| VIII NORTH DAKOTA | -Employment Security Bureau, P.O. Box 1537, Bismarck 58505   |
| V OHIO            | -Division of Research and Statistics, Bureau of Employment Services, 1455 Front St., Columbus 43216  |
| VI OKLAHOMA       | -Employment Security Commission, Will Rogers Memorial Office Building, Oklahoma City 73105   |
| X OREGON          | -Employment Division, Department of Human Resources, Room 402, Labor and Industries Building, Salem 97310  |
| III PENNSYLVANIA  | -Bureau of Employment Security, Department of Labor and Industry, Seventh and Forster Streets, Harrisburg 17121  |
| I RHODE ISLAND    | -Division of Statistics and Census, Department of Labor, Room 117, 235 Promenade Street, Providence 02908 (CES). Department of Employment Security, 24 Mason Street, Providence 02903 (LAUS and LTS) |
| IV SOUTH CAROLINA | -Employment Security Commission, P.O. Box 995, Columbia 29202  |
| VIII SOUTH DAKOTA | -Department of Labor, P.O. Box 1730, Aberdeen 57401  |
| IV TENNESSEE      | -Department of Employment Security, Room 519, Cordell Hull Office Building, Nashville 37219  |
| VI TEXAS          | -Employment Commission, TEC Building, 15th and Congress Avenue, Austin 78778   |
| VIII UTAH         | -Department of Employment Security, P.O. Box 11249, Salt Lake City 84147   |
| I VERMONT         | -Department of Employment Security, P.O. Box 488, Montpelier 05602   |
| III VIRGINIA      | -Division of Research and Statistics, Department of Labor and Industry, P.O. Box 12064, Richmond 23214 (CES). Employment Commission, P.O. Box 1358, Richmond 23211 (LAUS and LTS)                    |
| X WASHINGTON      | -Employment Security Department, P.O. Box 367, Olympia 98504   |
| III WEST VIRGINIA | -Department of Employment Security, State Office Building, 112 California Avenue, Charleston 25305   |
| V WISCONSIN       | -Department of Industry, Labor, and Human Relations, P.O. Box 608, Madison 53701   |
| VIII WYOMING      | -Employment Security Commission, P.O. Box 2760, Casper 82601   |