

EMPLOYMENT AND EARNINGS

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Announcement

Historical data for the nation, based on the establishment survey are published periodically by the Bureau of Labor Statistics in the Bulletin 1312 series (Employment and Earnings, United States). The next edition, covering the period 1909-70, is scheduled for publication in the fall of 1970.

Publication of the edition covering the 1909-69 period has been canceled. Historical data for a particular industry are available from any of the Bureau's eight regional offices (see inside back cover for addresses) or from the Bureau of Labor Statistics, Washington, D.C. 20212.

Employment and Unemployment Developments, February 1970

The employment situation weakened in February, as unemployment rose sharply for the second consecutive month, while nonagricultural employment inched down, and the manufacturing workweek dropped to the lowest level since January 1962.

The overall unemployment rate was 4.2 percent in February, up from 3.9 percent in January and at its highest level since October 1965. The over-the-month rise in joblessness occurred almost entirely among adult, full-time workers.

A slowdown in the demand for labor has become particularly evident in the manufacturing industries; manufacturing employment has been declining steadily since August 1969, and the jobless rate for factory workers has risen sharply. Workers in durable goods manufacturing have been especially affected by the slowdown. Their jobless rate rose to 4.7 percent in February, nearly double the post-Korean War low of 2.5 percent posted in February 1969; part of the over-the-month rise was attributable to temporary shutdowns of a number of automobile plants.

Unemployment

There were a total of 3.8 million unemployed workers in February, up from 3.4 million in January. After seasonal adjustment, unemployment was up by 250,000, with about one-third of the rise due to production cutbacks in the auto industry.

The entire over-the-month increase in joblessness (seasonally adjusted) occurred among adult workers. Unemployment rose about 150,000 for adult men and 130,000 for adult women. Joblessness among teenagers was virtually unchanged over the month.

The jobless rate for adult men increased from 2.5 to 2.8 percent in February, the highest

level since October 1965. This over-the-month rise affected men in all major age groups, but particularly those 20 to 24 years of age. Their unemployment rate moved up to 6.7 percent from 6.1 percent in January. The unemployment rate for married men continued to rise in February, moving from 1.8 to 2.0 percent.

For women 20 years of age and over, the jobless rate climbed from 3.6 to 4.1 percent between January and February. As with adult men, the sharpest increase in female joblessness took place among 20 to 24 year-olds. Their unemployment rate jumped from 6.2 to 7.6 percent.

Jobless rates rose for both white and Negro workers in February. The white rate moved from 3.6 to 3.8 percent, while the Negro rate climbed from 6.3 to 7.0 percent. Since last fall, the Negro rate has remained less than double the white rate.

About three-fifths of the unemployment rise of the past 2 months has taken place among workers who had lost their jobs rather than among workers newly entering the labor force. The job-loss pattern is particularly evident among the blue-collar unemployed, many of whom have been laid off due to reduced activity in manufacturing and construction.

The jobless rate for blue-collar workers advanced from 4.6 to 5.0 percent between January and February, with the rise concentrated among operatives, whose rate jumped from 5.1 to 6.0 percent. White-collar unemployment also edged upward in February, with the increase occurring largely among sales workers.

The rate for workers covered by State unemployment insurance programs rose from 2.5 to 2.7 percent in February, its highest point since July 1967. This rate has increased steadily since May 1969, when it stood at 2.0 percent.

Long-duration unemployment (15 weeks or more) rose slightly in February to 465,000, or 0.6 percent of the civilian labor force.

Since February 1969, when the unemployment rate was at a post-Korean War low, the total number of unemployed workers has risen by 875,000. This increase has been accounted for by 550,000 adult men, 175,000 adult women, and 150,000 teenagers.

Civilian Labor Force and Total Employment

The number of persons in the civilian labor force remained unchanged at 82.2 million, seasonally adjusted, in February. Since February 1969, the civilian labor force has grown by 2.2 million.

Total employment, at 78.8 million in February, seasonally adjusted, inched down from the January level. Total nonagricultural employment, however, was down nearly 300,000 over the month. Compared with a year ago, total employment has increased by 1.3 million—200,000 adult men, 800,000 adult women, and 300,000 teenagers.

Industry Employment

Nonfarm payroll employment was 69.7 million in February and, after allowance for seasonality, was about unchanged over the month. Payroll employment would have shown a modest decline except for the large number of workers who returned to payrolls after the conclusion of strikes. Employment gains in contract construction (80,000) and trade (65,000) were countered by a substantial decline (160,000) in manufacturing.

The employment pickup in construction reflected, in part, the return of workers to construction jobs following unusually bad weather in January. In manufacturing, the employment decline occurred despite the net return to payrolls of more than 100,000 workers who had been on strike. (Workers on strike are not

counted as employed in the payroll employment series, whereas they are classified as “employed—with a job but not at work” in the household series.)

Although over-the-month employment declines were widespread among manufacturing industries, about three-fourths took place in durable goods. An employment gain in electrical equipment, resulting from the return of workers on strike, was more than offset by a substantial drop in transportation equipment employment (150,000) caused, in part, by shutdowns in a number of auto plants. In nondurable goods manufacturing, the 40,000 decline reflected mainly large employment drops in textiles (10,000) and apparel (20,000).

Since October 1969, nonagricultural payroll employment has been growing very slowly, after rising substantially in the preceding 12 months. Employment increases have averaged only 29,000 per month in the October 1969-February 1970 period, in contrast to an average monthly gain of 185,000 during the October 1968-October 1969 period (see table). Although the slowdown

Nonagricultural payroll employment, seasonally adjusted

| Industry | (In thousands) | | |
|---|----------------|-------------------------------|------------------------------|
| | February 1970 | Average monthly change— | |
| | | October 1969 to February 1970 | October 1968 to October 1969 |
| Total nonagricultural payroll employment ---- | 70,766 | 29 | 185 |
| Mining ----- | 632 | - | 5 |
| Contract construction --- | 3,409 | -2 | 9 |
| Manufacturing ----- | 19,806 | -88 | 26 |
| Durable goods ----- | 11,544 | -97 | 24 |
| Nondurable goods ---- | 8,262 | 10 | 2 |
| Transportation and public utilities ----- | 4,502 | 6 | 12 |
| Wholesale and retail trade ----- | 14,978 | 42 | 45 |
| Finance, insurance, and real estate ----- | 3,654 | 15 | 14 |
| Services ----- | 11,360 | 29 | 44 |
| Government ----- | 12,425 | 27 | 31 |
| Federal ----- | 2,723 | -1 | 2 |
| State and local ----- | 9,702 | 28 | 29 |

in employment growth has occurred in most major industry divisions, declines in manufacturing employment have been the major factor.

Hours of Work

For all rank-and-file workers on private nonagricultural payrolls, the workweek edged up 0.1 hour to 37.5 hours, seasonally adjusted. A sharp drop in the average workweek in manufacturing was more than offset by increases in the other major industry groups.

In manufacturing, the average workweek fell by 0.4 hour (seasonally adjusted) for the second straight month and, at 39.9 hours, was at its lowest level since January 1962. In the durable goods sector, the workweek decline was particularly marked in the fabricated metals, machinery, and electrical equipment industries. In nondurable goods, the sharpest declines took place in the tobacco, petroleum products, and leather industries.

Factory overtime also declined in February— from 3.3 to 3.2 hours—reflecting declines in both durable and nondurable goods sectors. Factory overtime has fallen by one half hour since September 1969.

Earnings

Average hourly earnings for all production and nonsupervisory workers on private payrolls rose 2 cents in February to \$3.15. Compared with a year ago, average hourly earnings were up 19 cents, or 6.4 percent. This was the smallest over-the-year percentage increase since May 1969.

Average weekly earnings increased \$1.06 over the month to \$117.18. Increases were registered in all major industry sectors except manufacturing. Compared with February 1969, average weekly earnings increased by \$7.07, or 6.4 percent. Over the year ending in January 1970, weekly earnings rose 5.3 percent but, after adjustment for price changes, declined by 0.8 percent.

Scheduled release dates for major BLS statistical series, April 1970.

| | <u>Press release date</u> | <u>Period covered</u> |
|---|---------------------------|-----------------------|
| The Employment Situation | April 7 | March |
| Spendable Earnings and Purchasing Power | April 23 | March |
| Factory Labor Turnover | April 29 | March |

The above press releases are available, without charge, upon request to any of the BLS Regional Offices (see inside back cover for addresses) or the Bureau of Labor Statistics, Washington, D.C. 20212.

Chart 1.

LABOR FORCE AND EMPLOYMENT

1957 to date
(Seasonally adjusted)

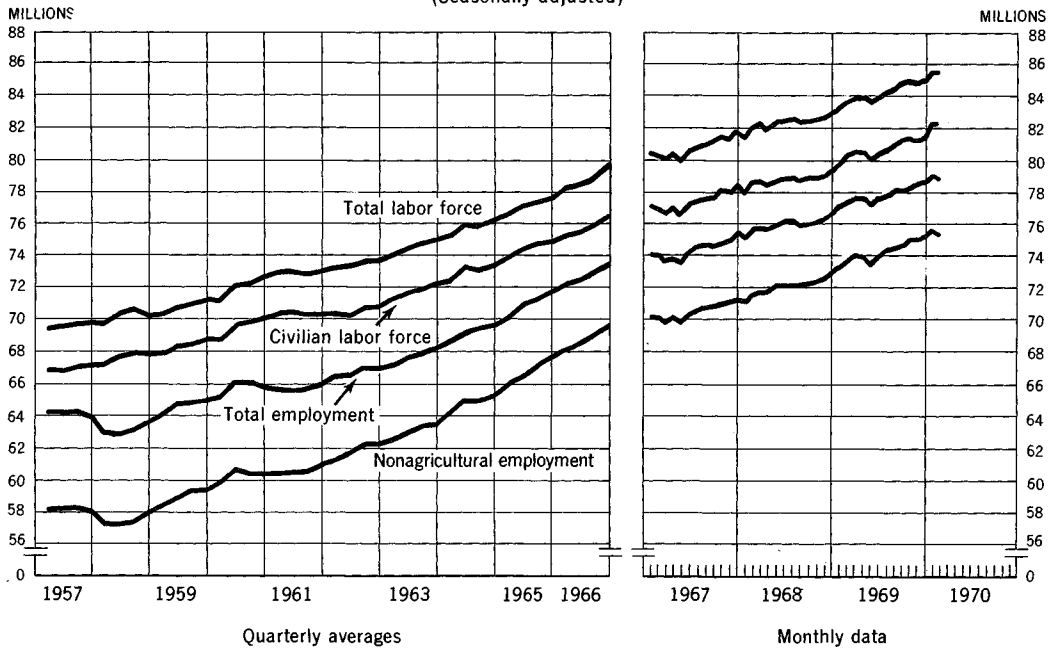
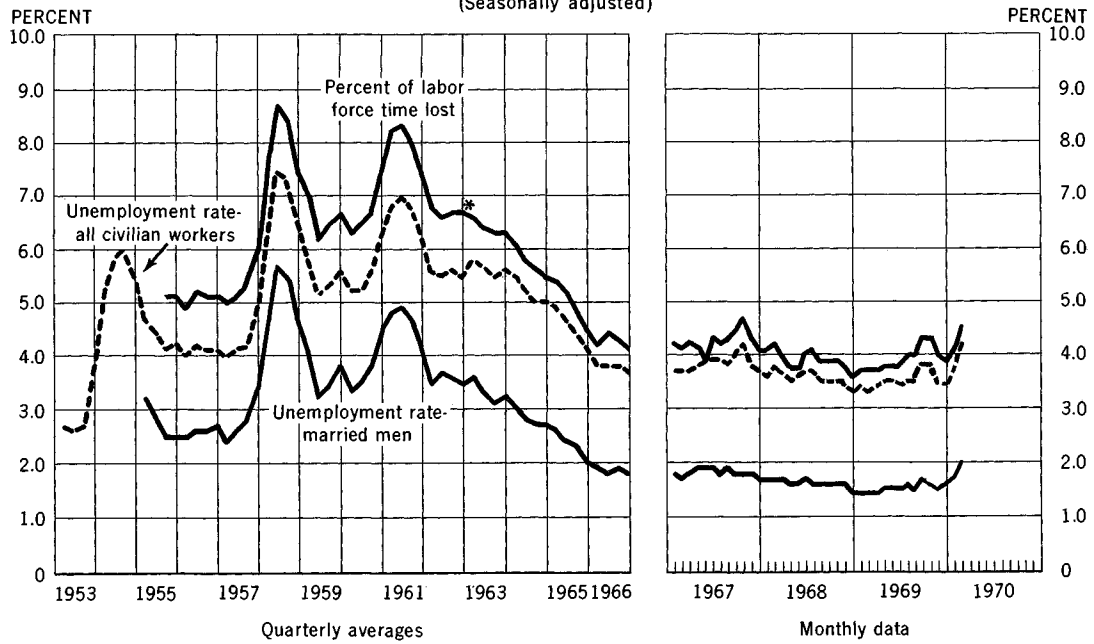


Chart 2.

MAJOR UNEMPLOYMENT INDICATORS

1953 to date
(Seasonally adjusted)

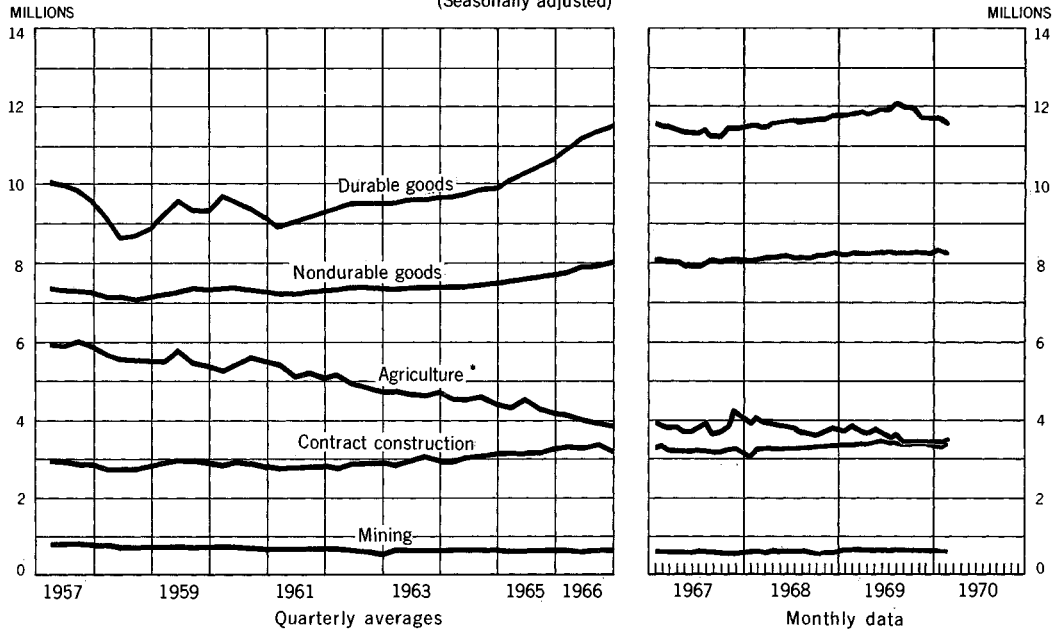


* Series revised beginning 1963 to reflect whether unemployed persons sought full-or part-time jobs

Chart 3.

PAYROLL EMPLOYMENT IN GOODS-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)

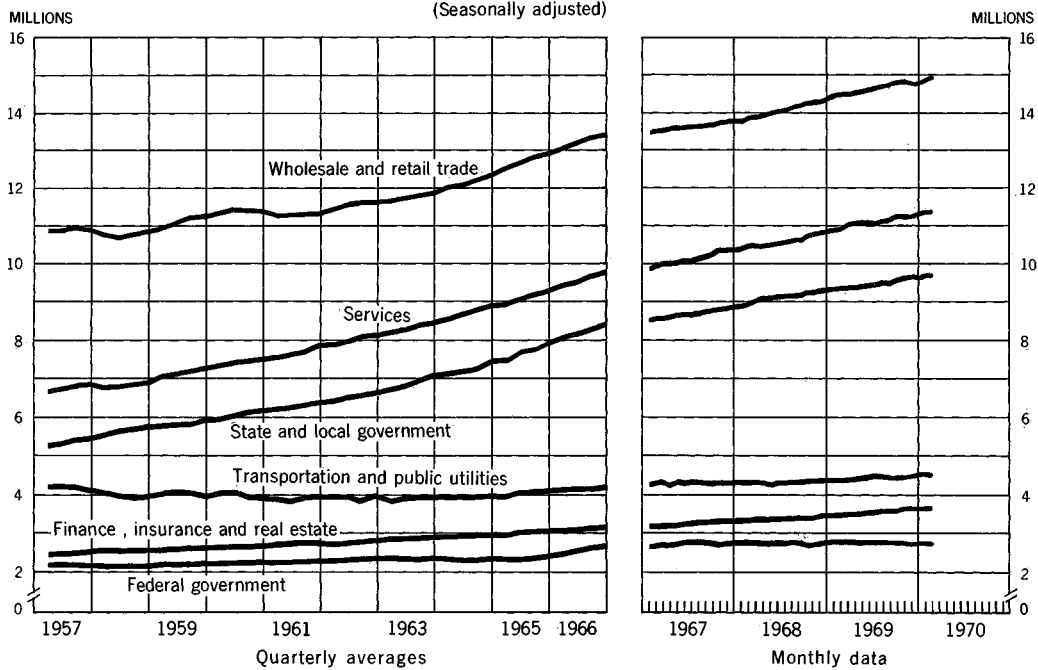


*Includes self-employed and unpaid family workers.
Note: Data for 2 most recent months are preliminary.

Chart 4.

PAYROLL EMPLOYMENT IN SERVICE-PRODUCING INDUSTRIES

1957 to date
(Seasonally adjusted)



Note: Data for 2 most recent months are preliminary.

Chart 5.

UNEMPLOYMENT RATES BY AGE AND SEX

1953 to date
(Seasonally adjusted)

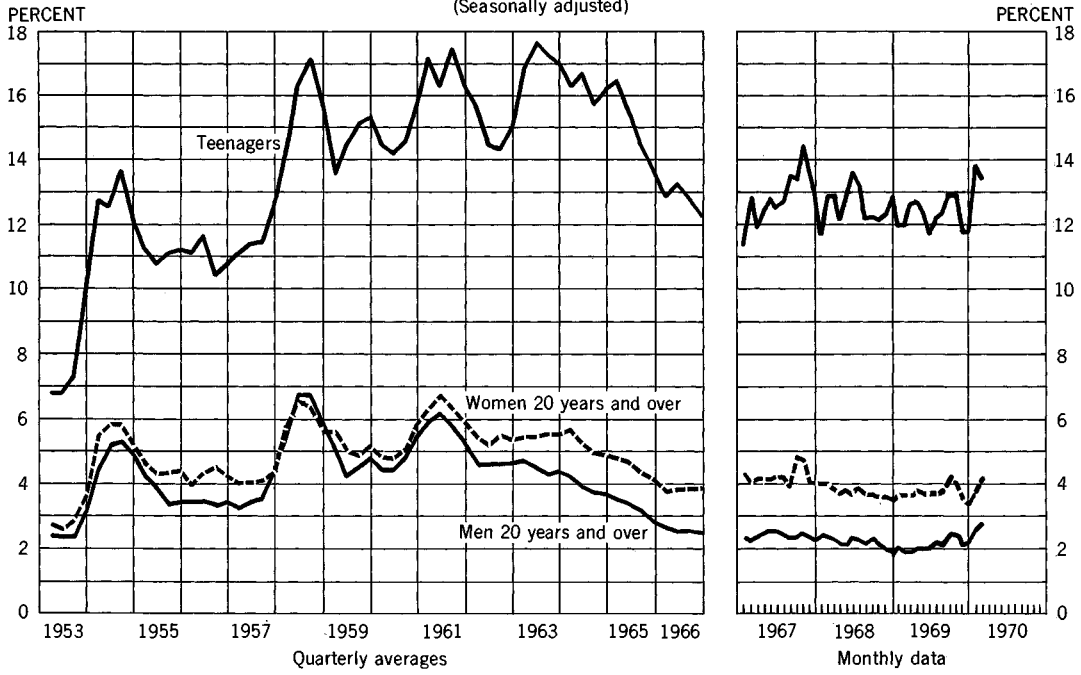


Chart 6.

TOTAL UNEMPLOYMENT BY DURATION

1953 to date
(Seasonally adjusted)

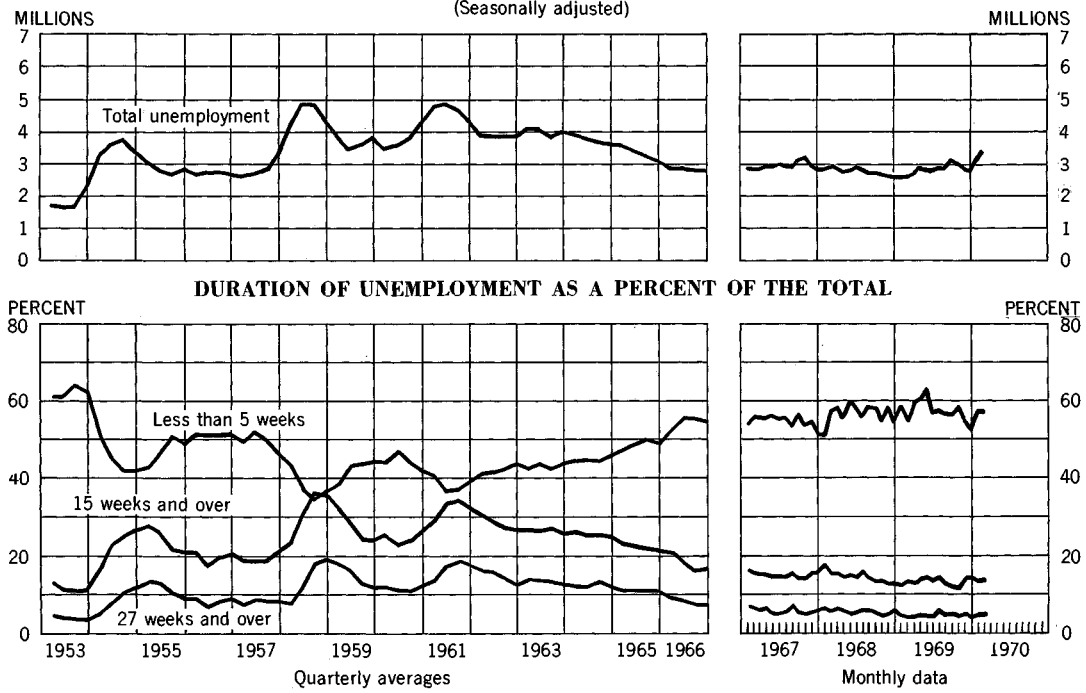


Chart 7.

HOURS OF WORK IN TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS, MANUFACTURING, AND TRADE

1957 to date
(Seasonally adjusted)

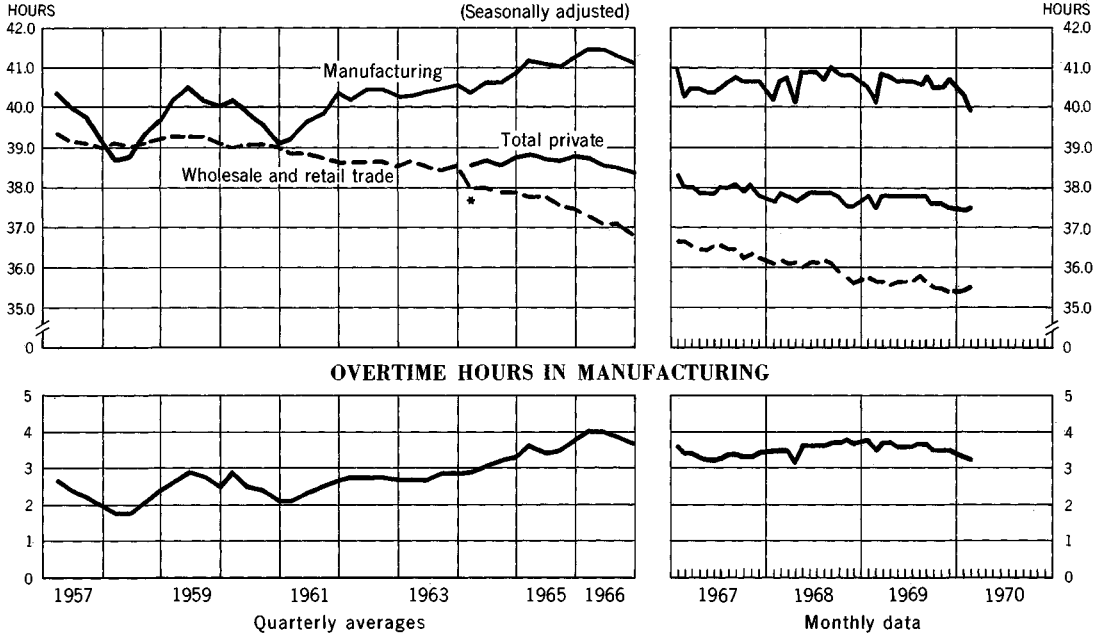


Chart 8.

AVERAGE WEEKLY EARNINGS IN TOTAL PRIVATE NONAGRICULTURAL ESTABLISHMENTS, MANUFACTURING, AND TRADE

1957 to date

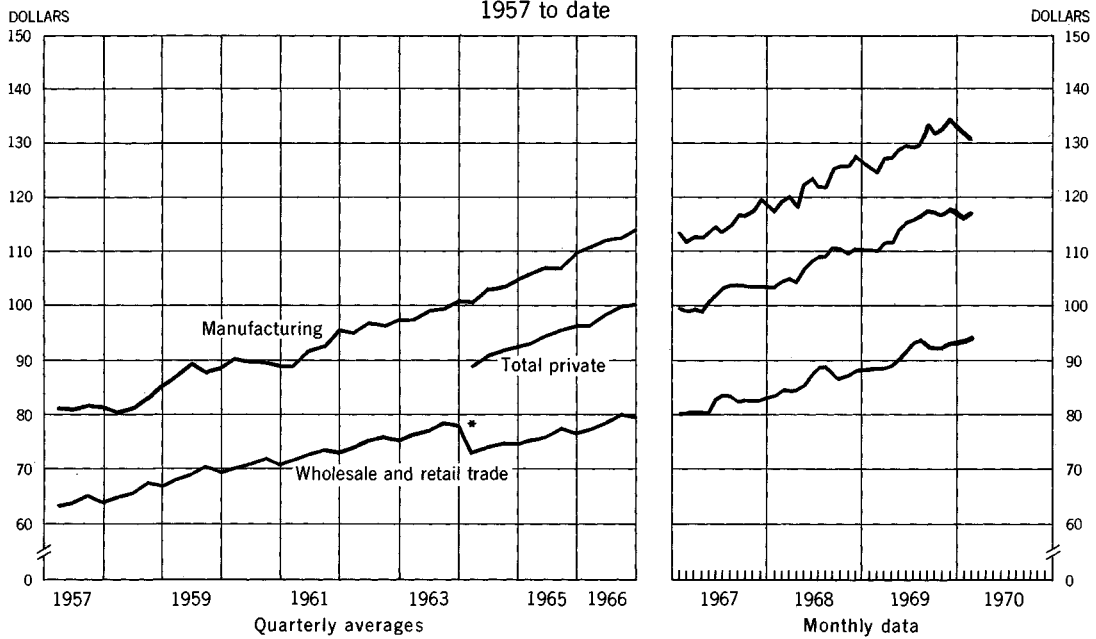
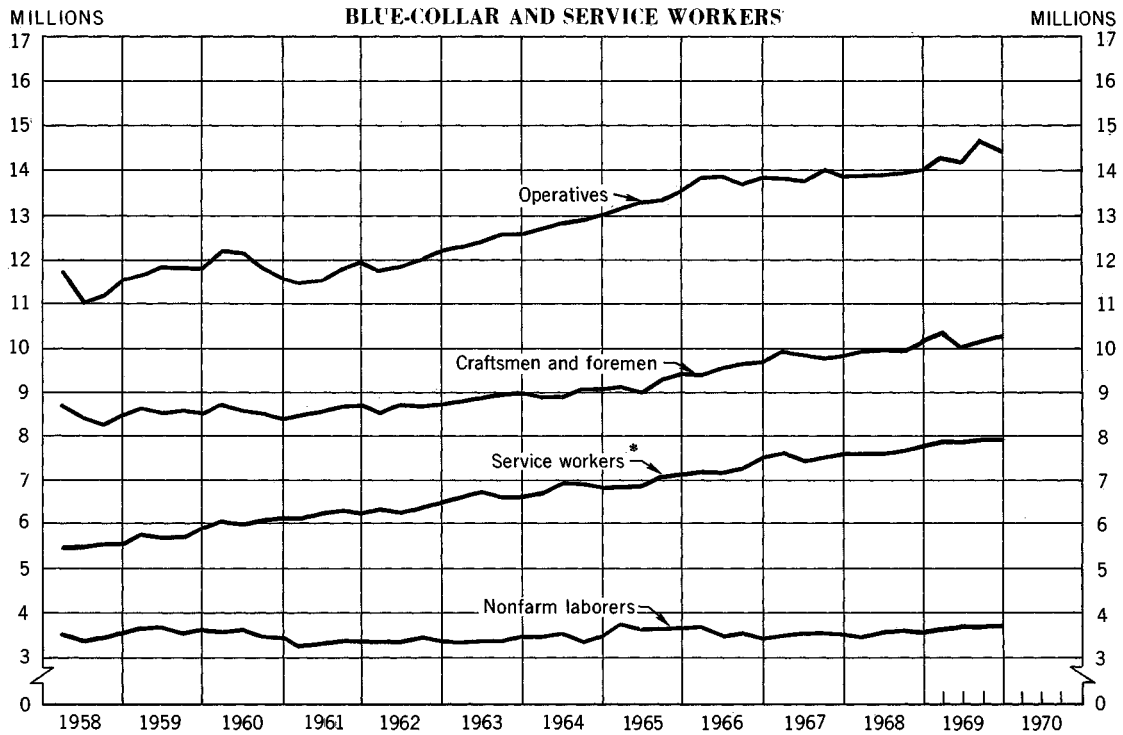
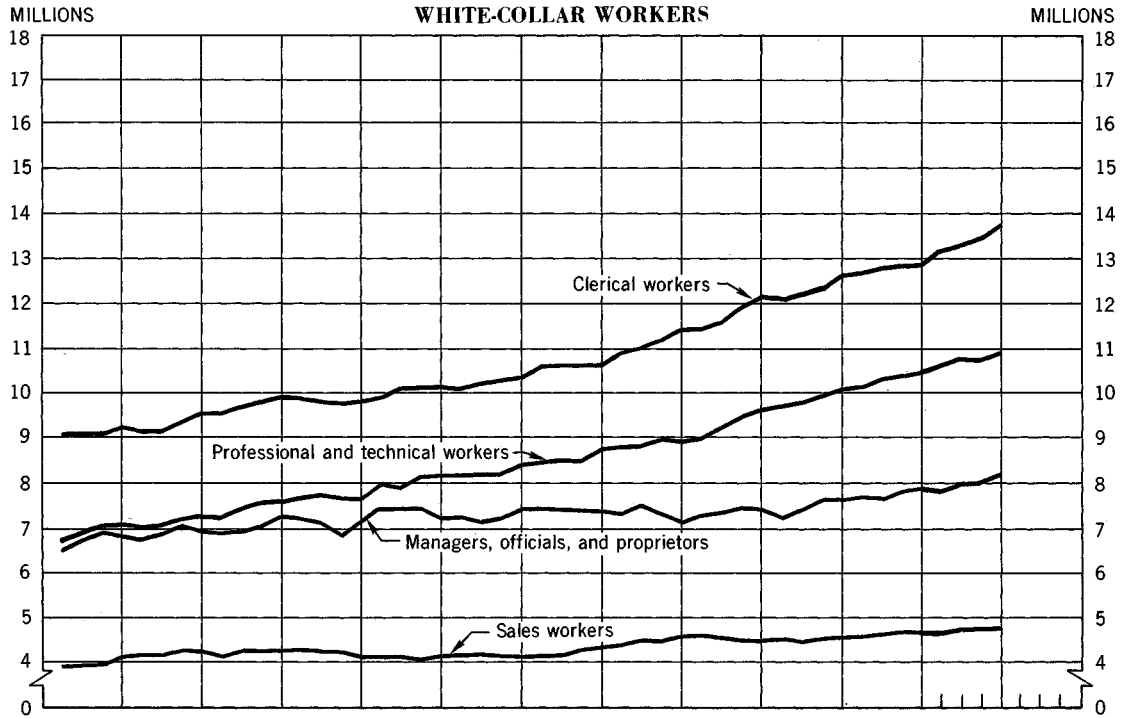


Chart 9.

EMPLOYMENT IN NONFARM OCCUPATIONS

1958 to date
(Seasonally adjusted quarterly averages)



* Excludes household workers.

Chart 10.

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

1957 to date
(Seasonally adjusted quarterly averages)

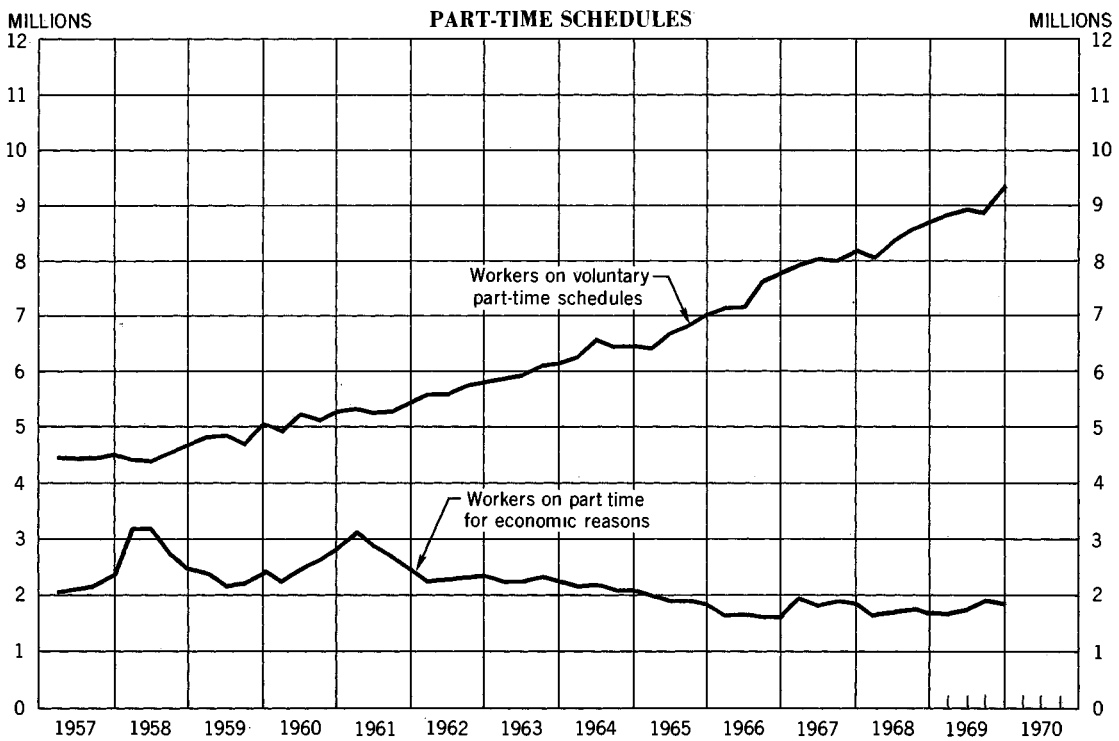
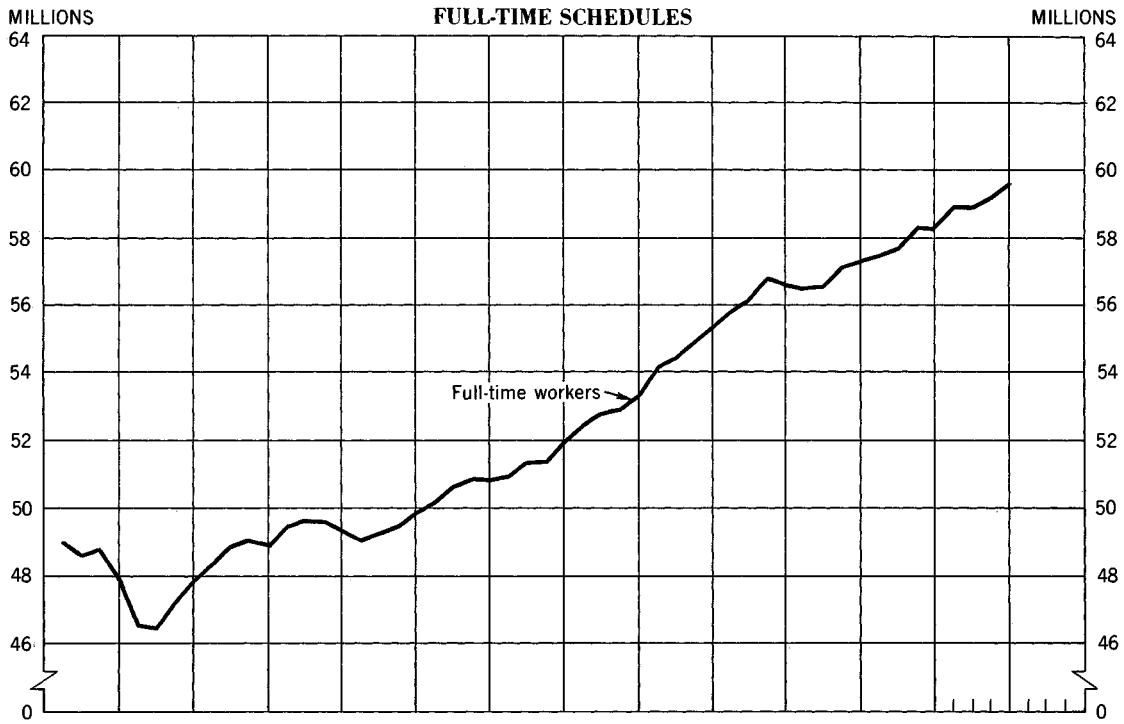


Chart 11.

UNEMPLOYMENT RATES BY OCCUPATION

1958 to date

(Seasonally adjusted quarterly averages)

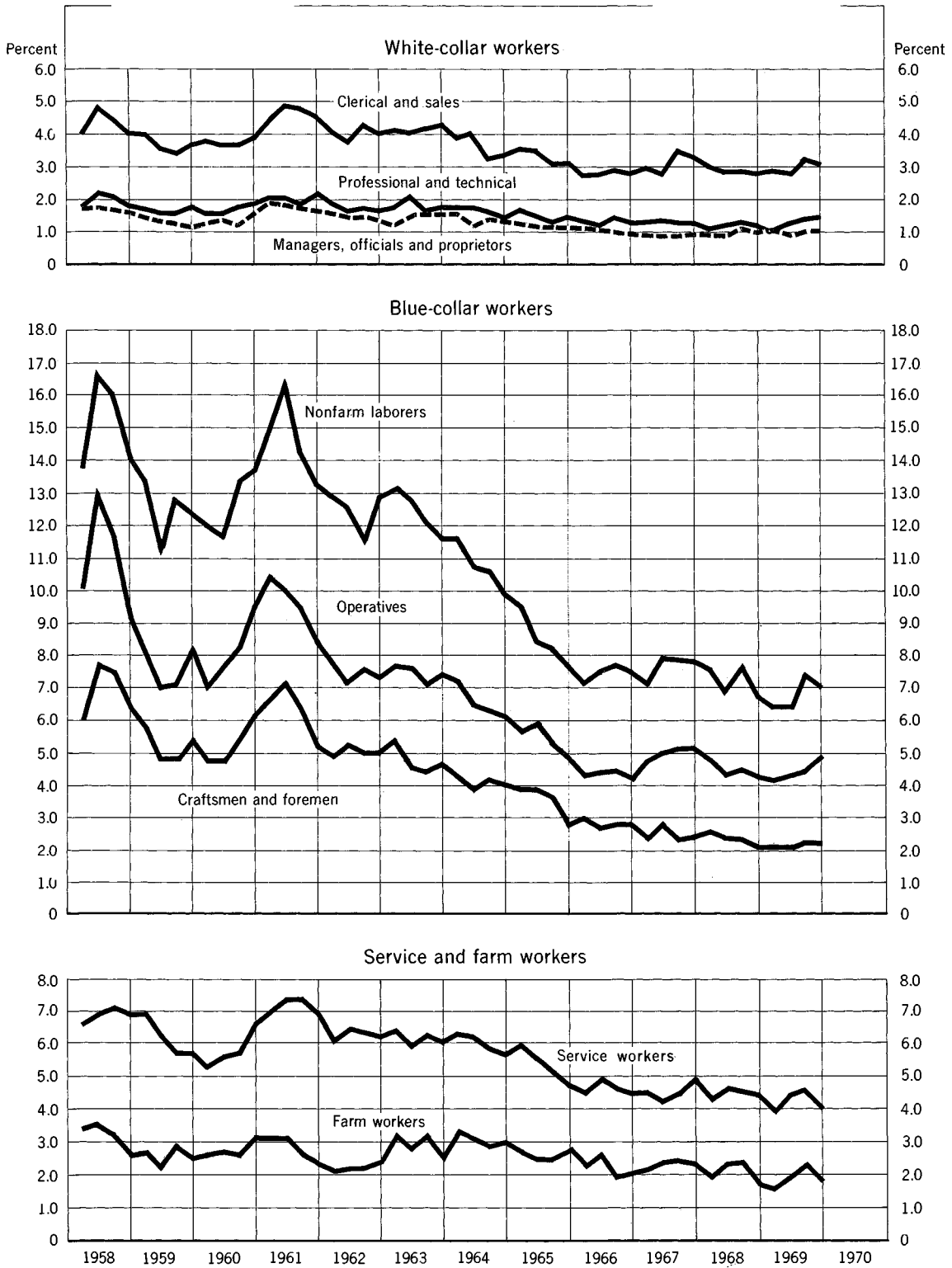


Chart 12.

UNEMPLOYMENT RATES BY COLOR

1957 to date

(Seasonally adjusted quarterly averages)

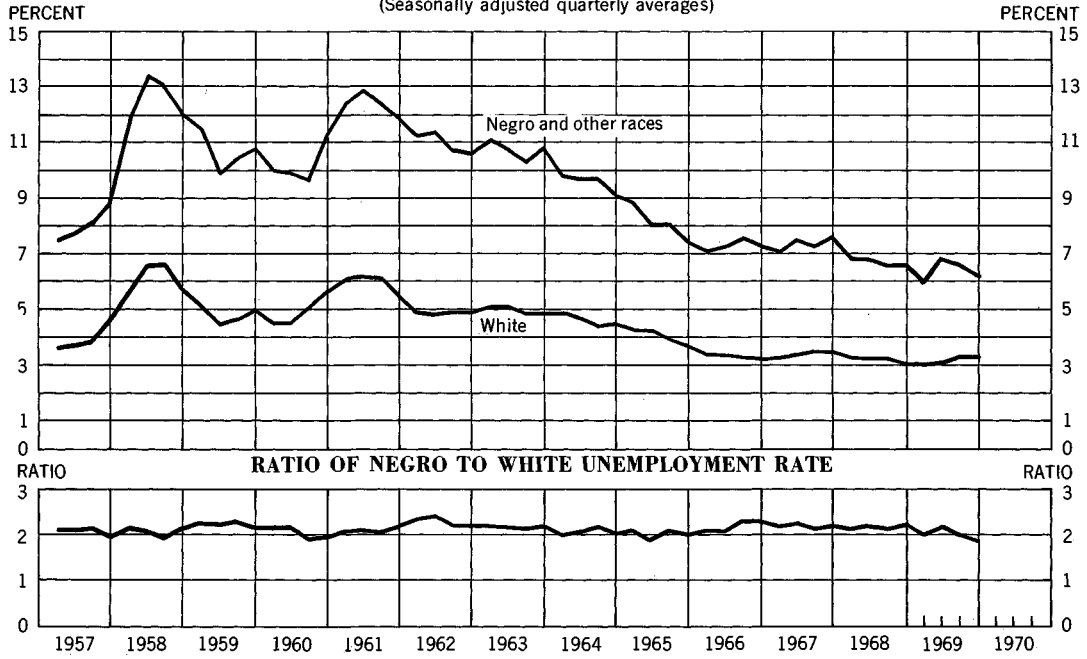
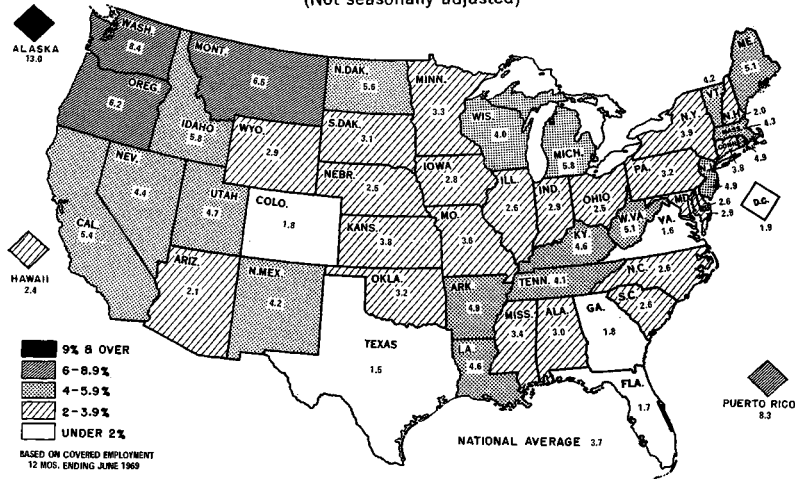


Chart 13.

STATE INSURED UNEMPLOYMENT RATES

Week ending February 14, 1970

(Not seasonally adjusted)



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

Source Manpower Administration

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UNEMPLOYMENT INSURANCE DATA

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

HOUSEHOLD DATA

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

(In thousands)

| Year and month | Total noninstitutional population | Total labor force | | Civilian labor force | | | | | | Not in labor force | |
|----------------------------------|-----------------------------------|-------------------|-----------------------|----------------------|----------|-------------|----------------------------|------------|-------------------------|--------------------|---------------------|
| | | Number | Percent of population | Total | Employed | | | Unemployed | | | |
| | | | | | Total | Agriculture | Nonagricultural industries | Number | Percent of labor force | | |
| | | | | | | | | | Not seasonally adjusted | | Seasonally adjusted |
| Persons 14 years of age and over | | | | | | | | | | | |
| 1929..... | (1) | 49,440 | (1) | 49,180 | 47,630 | 10,450 | 37,180 | 1,550 | 3.2 | - | (1) |
| 1930..... | (1) | 50,080 | (1) | 49,820 | 45,480 | 10,340 | 35,140 | 4,340 | 8.7 | - | (1) |
| 1931..... | (1) | 50,680 | (1) | 50,420 | 42,400 | 10,290 | 32,110 | 8,020 | 15.9 | - | (1) |
| 1932..... | (1) | 51,250 | (1) | 51,000 | 38,940 | 10,170 | 28,770 | 12,060 | 23.6 | - | (1) |
| 1933..... | (1) | 51,840 | (1) | 51,590 | 38,760 | 10,090 | 28,670 | 12,830 | 24.9 | - | (1) |
| 1934..... | (1) | 52,490 | (1) | 52,230 | 40,890 | 9,900 | 30,990 | 11,340 | 21.7 | - | (1) |
| 1935..... | (1) | 53,140 | (1) | 52,870 | 42,260 | 10,110 | 32,150 | 10,610 | 20.1 | - | (1) |
| 1936..... | (1) | 53,740 | (1) | 53,440 | 44,410 | 10,000 | 34,410 | 9,030 | 16.9 | - | (1) |
| 1937..... | (1) | 54,320 | (1) | 54,000 | 46,300 | 9,820 | 36,480 | 7,700 | 14.3 | - | (1) |
| 1938..... | (1) | 54,950 | (1) | 54,610 | 44,220 | 9,690 | 34,530 | 10,390 | 19.0 | - | (1) |
| 1939..... | (1) | 55,600 | (1) | 55,230 | 45,750 | 9,610 | 36,140 | 9,480 | 17.2 | - | (1) |
| 1940..... | 100,380 | 56,180 | 56.0 | 55,640 | 47,520 | 9,540 | 37,980 | 8,120 | 14.6 | - | 44,200 |
| 1941..... | 101,520 | 57,530 | 56.7 | 55,910 | 50,350 | 9,100 | 41,250 | 5,560 | 9.9 | - | 43,990 |
| 1942..... | 102,610 | 60,380 | 58.8 | 56,410 | 53,750 | 9,250 | 44,500 | 2,660 | 4.7 | - | 42,230 |
| 1943..... | 103,660 | 64,560 | 62.3 | 55,540 | 54,470 | 9,080 | 45,390 | 1,070 | 1.9 | - | 39,100 |
| 1944..... | 104,630 | 66,040 | 63.1 | 54,630 | 53,960 | 8,950 | 45,010 | 670 | 1.2 | - | 38,590 |
| 1945..... | 105,530 | 65,300 | 61.9 | 53,860 | 52,820 | 8,580 | 44,240 | 1,040 | 1.9 | - | 40,230 |
| 1946..... | 106,520 | 60,970 | 57.2 | 57,520 | 55,250 | 8,320 | 46,930 | 2,270 | 3.9 | - | 45,550 |
| 1947..... | 107,608 | 61,758 | 57.4 | 60,168 | 57,812 | 8,256 | 49,557 | 2,356 | 3.9 | - | 45,850 |
| Persons 16 years of age and over | | | | | | | | | | | |
| 1947..... | 103,418 | 60,941 | 58.9 | 59,350 | 57,039 | 7,891 | 49,148 | 2,311 | 3.9 | - | 42,477 |
| 1948..... | 104,527 | 62,080 | 59.4 | 60,621 | 58,344 | 7,629 | 50,713 | 2,276 | 3.8 | - | 42,447 |
| 1949..... | 105,611 | 62,903 | 59.6 | 61,286 | 57,649 | 7,656 | 49,990 | 3,637 | 5.9 | - | 42,708 |
| 1950..... | 106,645 | 63,858 | 59.9 | 62,208 | 58,920 | 7,160 | 51,760 | 3,288 | 5.3 | - | 42,787 |
| 1951..... | 107,721 | 65,117 | 60.4 | 62,017 | 59,962 | 6,726 | 53,239 | 2,055 | 3.3 | - | 42,604 |
| 1952..... | 108,823 | 65,730 | 60.4 | 62,138 | 60,254 | 6,501 | 53,753 | 1,883 | 3.0 | - | 43,093 |
| 1953..... | 110,601 | 66,560 | 60.2 | 63,015 | 61,181 | 6,261 | 54,922 | 1,834 | 2.9 | - | 44,041 |
| 1954..... | 111,671 | 66,993 | 60.0 | 63,643 | 60,110 | 6,206 | 53,903 | 3,532 | 5.5 | - | 44,678 |
| 1955..... | 112,732 | 68,072 | 60.4 | 65,023 | 62,171 | 6,449 | 54,724 | 2,852 | 4.4 | - | 44,660 |
| 1956..... | 113,811 | 69,409 | 61.0 | 66,552 | 63,802 | 6,283 | 57,517 | 2,750 | 4.1 | - | 44,402 |
| 1957..... | 115,065 | 69,729 | 60.6 | 66,929 | 64,071 | 5,947 | 58,123 | 2,859 | 4.3 | - | 45,336 |
| 1958..... | 116,363 | 70,275 | 60.4 | 67,639 | 63,036 | 5,586 | 57,450 | 4,602 | 6.8 | - | 46,088 |
| 1959..... | 117,881 | 70,921 | 60.2 | 68,369 | 64,630 | 5,565 | 59,065 | 3,740 | 5.5 | - | 46,960 |
| 1960..... | 119,759 | 72,142 | 60.2 | 69,628 | 65,778 | 5,458 | 60,318 | 3,852 | 5.5 | - | 47,617 |
| 1961..... | 121,343 | 73,031 | 60.2 | 70,459 | 65,746 | 5,200 | 60,546 | 4,714 | 6.7 | - | 48,312 |
| 1962..... | 122,981 | 73,442 | 59.7 | 70,614 | 66,702 | 4,944 | 61,759 | 3,911 | 5.5 | - | 49,539 |
| 1963..... | 125,154 | 74,571 | 59.6 | 71,833 | 67,762 | 4,687 | 63,076 | 4,070 | 5.7 | - | 50,583 |
| 1964..... | 127,224 | 75,830 | 59.6 | 73,091 | 69,305 | 4,523 | 64,782 | 3,786 | 5.2 | - | 51,394 |
| 1965..... | 129,236 | 77,178 | 59.7 | 74,455 | 71,088 | 4,361 | 66,726 | 3,366 | 4.5 | - | 52,058 |
| 1966..... | 131,180 | 78,893 | 60.1 | 75,770 | 72,895 | 3,979 | 68,915 | 2,875 | 3.8 | - | 52,288 |
| 1967..... | 133,319 | 80,793 | 60.6 | 77,347 | 74,372 | 3,844 | 70,527 | 2,975 | 3.8 | - | 52,527 |
| 1968..... | 135,562 | 82,272 | 60.7 | 78,737 | 75,920 | 3,817 | 72,103 | 2,817 | 3.6 | - | 53,291 |
| 1969..... | 137,841 | 84,239 | 61.1 | 80,733 | 77,902 | 3,606 | 74,296 | 2,831 | 3.5 | - | 53,206 |
| 1969: February..... | 136,940 | 82,579 | 60.3 | 79,104 | 76,181 | 3,285 | 72,896 | 2,923 | 3.7 | 3.3 | 54,361 |
| May..... | 137,549 | 83,085 | 60.4 | 79,563 | 77,264 | 3,894 | 73,370 | 2,299 | 2.9 | 3.5 | 54,464 |
| June..... | 137,737 | 85,880 | 62.4 | 82,356 | 78,956 | 4,367 | 74,589 | 3,400 | 4.1 | 3.4 | 51,857 |
| July..... | 137,935 | 86,318 | 62.6 | 82,797 | 79,616 | 4,155 | 75,460 | 3,182 | 3.8 | 3.5 | 51,617 |
| August..... | 138,127 | 86,046 | 62.3 | 82,516 | 79,646 | 3,977 | 75,669 | 2,869 | 3.5 | 3.5 | 52,081 |
| September..... | 138,317 | 84,527 | 61.1 | 80,984 | 78,026 | 3,629 | 74,397 | 2,958 | 3.7 | 3.8 | 53,790 |
| October..... | 138,539 | 85,038 | 61.4 | 81,510 | 78,671 | 3,561 | 75,110 | 2,839 | 3.5 | 3.8 | 53,501 |
| November..... | 138,732 | 84,920 | 61.2 | 81,427 | 78,716 | 3,322 | 75,395 | 2,710 | 3.3 | 3.5 | 53,812 |
| December..... | 138,928 | 84,856 | 61.1 | 81,416 | 78,788 | 3,984 | 75,805 | 2,628 | 3.2 | 3.5 | 54,072 |
| 1970: January..... | 138,099 | 84,105 | 60.5 | 80,719 | 77,313 | 2,915 | 74,398 | 3,406 | 4.2 | 3.9 | 54,993 |
| February..... | 139,298 | 84,625 | 60.8 | 81,283 | 77,489 | 2,994 | 74,495 | 3,794 | 4.7 | 4.2 | 54,673 |

¹Not available.

HOUSEHOLD DATA

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

(In thousands)

| Year, month, and sex | Total noninstitutional population | Total labor force | | Civilian labor force | | | | | | | Not in labor force |
|----------------------|-----------------------------------|-------------------|-----------------------|----------------------|----------|-------------|----------------------------|------------|-------------------------|---------------------|--------------------|
| | | Number | Percent of population | Total | Employed | | | Unemployed | | | |
| | | | | | Total | Agriculture | Nonagricultural industries | Number | Percent of labor force | | |
| | | | | | | | | | Not seasonally adjusted | Seasonally adjusted | |
| MALE | | | | | | | | | | | |
| 1947..... | 50,968 | 44,258 | 86.8 | 42,686 | 40,994 | 6,643 | 34,351 | 1,692 | 4.0 | - | 6,710 |
| 1948..... | 51,439 | 44,729 | 87.0 | 43,286 | 41,726 | 6,358 | 35,368 | 1,559 | 3.6 | - | 6,710 |
| 1949..... | 51,922 | 45,097 | 86.9 | 43,498 | 40,926 | 6,342 | 34,584 | 2,572 | 5.9 | - | 6,825 |
| 1950..... | 52,352 | 45,446 | 86.8 | 43,819 | 41,580 | 6,001 | 35,578 | 2,239 | 5.1 | - | 6,906 |
| 1951..... | 52,788 | 46,063 | 87.3 | 43,001 | 41,780 | 5,533 | 36,248 | 1,221 | 2.8 | - | 6,725 |
| 1952..... | 53,248 | 46,416 | 87.2 | 42,869 | 41,684 | 5,389 | 36,294 | 1,185 | 2.8 | - | 6,832 |
| 1953..... | 54,248 | 47,131 | 86.9 | 43,633 | 42,431 | 5,253 | 37,178 | 1,202 | 2.8 | - | 7,117 |
| 1954..... | 54,706 | 47,275 | 86.4 | 43,965 | 41,620 | 5,200 | 36,418 | 2,344 | 5.3 | - | 7,431 |
| 1955..... | 55,122 | 47,488 | 86.2 | 44,475 | 42,621 | 5,265 | 37,357 | 1,854 | 4.2 | - | 7,634 |
| 1956..... | 55,547 | 47,914 | 86.3 | 45,091 | 43,380 | 5,039 | 38,340 | 1,711 | 3.8 | - | 7,633 |
| 1957..... | 56,082 | 47,964 | 85.5 | 45,197 | 43,357 | 4,824 | 38,532 | 1,841 | 4.1 | - | 8,118 |
| 1958..... | 56,640 | 48,126 | 85.0 | 45,521 | 42,423 | 4,596 | 37,827 | 3,098 | 6.8 | - | 8,514 |
| 1959..... | 57,312 | 48,405 | 84.5 | 45,886 | 43,466 | 4,532 | 38,934 | 2,420 | 5.3 | - | 8,907 |
| 1960..... | 58,144 | 48,870 | 84.0 | 46,388 | 43,904 | 4,472 | 39,431 | 2,486 | 5.4 | - | 9,274 |
| 1961..... | 58,826 | 49,193 | 83.6 | 46,653 | 43,656 | 4,298 | 39,359 | 2,997 | 6.4 | - | 9,633 |
| 1962..... | 59,626 | 49,395 | 82.8 | 46,600 | 44,177 | 4,069 | 40,108 | 2,423 | 5.2 | - | 10,231 |
| 1963..... | 60,627 | 49,835 | 82.2 | 47,129 | 44,657 | 3,809 | 40,849 | 2,472 | 5.2 | - | 10,792 |
| 1964..... | 61,556 | 50,387 | 81.9 | 47,679 | 45,474 | 3,691 | 41,782 | 2,205 | 4.6 | - | 11,169 |
| 1965..... | 62,473 | 50,946 | 81.5 | 48,255 | 46,340 | 3,547 | 42,792 | 1,914 | 4.0 | - | 11,527 |
| 1966..... | 63,351 | 51,560 | 81.4 | 48,471 | 46,919 | 3,243 | 43,675 | 1,551 | 3.2 | - | 11,792 |
| 1967..... | 64,316 | 52,398 | 81.5 | 48,987 | 47,479 | 3,164 | 44,315 | 1,508 | 3.1 | - | 11,919 |
| 1968..... | 65,345 | 53,030 | 81.2 | 49,533 | 48,114 | 3,157 | 44,957 | 1,419 | 2.9 | - | 12,315 |
| 1969..... | 66,365 | 53,688 | 80.9 | 50,221 | 48,818 | 2,963 | 45,854 | 1,403 | 2.8 | - | 12,677 |
| 1969: February..... | 65,968 | 52,673 | 79.8 | 49,237 | 47,697 | 2,777 | 44,920 | 1,539 | 3.1 | 2.6 | 13,295 |
| August..... | 66,482 | 55,306 | 83.2 | 51,815 | 50,522 | 3,223 | 47,299 | 1,293 | 2.5 | 2.8 | 11,176 |
| September..... | 66,569 | 53,797 | 80.8 | 50,294 | 48,973 | 2,988 | 45,985 | 1,321 | 2.6 | 3.2 | 12,771 |
| October..... | 66,671 | 53,654 | 80.5 | 50,166 | 48,857 | 2,891 | 45,966 | 1,309 | 2.6 | 3.1 | 13,017 |
| November..... | 66,757 | 53,521 | 80.2 | 50,067 | 48,739 | 2,722 | 46,017 | 1,329 | 2.7 | 2.9 | 13,236 |
| December..... | 66,845 | 53,401 | 79.9 | 50,000 | 48,538 | 2,511 | 46,027 | 1,462 | 2.9 | 2.9 | 13,444 |
| 1970: January..... | 66,919 | 53,225 | 79.5 | 48,877 | 47,941 | 2,484 | 45,458 | 1,935 | 3.9 | 3.3 | 13,694 |
| February..... | 67,009 | 53,481 | 79.8 | 50,178 | 48,000 | 2,546 | 45,454 | 2,178 | 4.3 | 3.6 | 13,528 |
| FEMALE | | | | | | | | | | | |
| 1947..... | 52,450 | 16,683 | 31.8 | 16,664 | 16,045 | 1,248 | 14,797 | 619 | 3.7 | - | 35,767 |
| 1948..... | 53,088 | 17,351 | 32.7 | 17,335 | 16,618 | 1,271 | 15,347 | 717 | 4.1 | - | 35,737 |
| 1949..... | 53,689 | 17,806 | 33.2 | 17,788 | 16,723 | 1,314 | 15,409 | 1,065 | 6.0 | - | 35,883 |
| 1950..... | 54,293 | 18,412 | 33.9 | 18,389 | 17,340 | 1,159 | 16,182 | 1,049 | 5.7 | - | 35,881 |
| 1951..... | 54,933 | 19,054 | 34.7 | 19,016 | 18,182 | 1,193 | 16,990 | 834 | 4.4 | - | 35,879 |
| 1952..... | 55,575 | 19,314 | 34.8 | 19,269 | 18,570 | 1,112 | 17,459 | 698 | 3.6 | - | 36,261 |
| 1953..... | 56,353 | 19,429 | 34.5 | 19,382 | 18,750 | 1,008 | 17,744 | 632 | 3.3 | - | 36,924 |
| 1954..... | 56,965 | 19,718 | 34.6 | 19,678 | 18,490 | 1,006 | 17,486 | 1,188 | 6.0 | - | 37,247 |
| 1955..... | 57,610 | 20,584 | 35.7 | 20,548 | 19,550 | 1,184 | 18,367 | 998 | 4.9 | - | 37,026 |
| 1956..... | 58,264 | 21,495 | 36.9 | 21,461 | 20,422 | 1,244 | 19,177 | 1,039 | 4.8 | - | 36,769 |
| 1957..... | 58,983 | 21,765 | 36.9 | 21,732 | 20,714 | 1,123 | 19,591 | 1,018 | 4.7 | - | 37,218 |
| 1958..... | 59,723 | 22,149 | 37.1 | 22,118 | 20,613 | 990 | 19,623 | 1,504 | 6.8 | - | 37,574 |
| 1959..... | 60,569 | 22,516 | 37.2 | 22,483 | 21,164 | 1,033 | 20,131 | 1,320 | 5.9 | - | 38,053 |
| 1960..... | 61,615 | 23,272 | 37.8 | 23,240 | 21,874 | 986 | 20,887 | 1,366 | 5.9 | - | 38,343 |
| 1961..... | 62,517 | 23,838 | 38.1 | 23,806 | 22,090 | 902 | 21,187 | 1,717 | 7.2 | - | 38,679 |
| 1962..... | 63,355 | 24,047 | 38.0 | 24,014 | 22,525 | 875 | 21,651 | 1,488 | 6.2 | - | 39,308 |
| 1963..... | 64,527 | 24,736 | 38.3 | 24,704 | 23,105 | 878 | 22,227 | 1,598 | 6.5 | - | 39,791 |
| 1964..... | 65,668 | 25,443 | 38.7 | 25,412 | 23,831 | 832 | 23,000 | 1,581 | 6.2 | - | 40,225 |
| 1965..... | 66,763 | 26,232 | 39.3 | 26,200 | 24,748 | 814 | 23,934 | 1,452 | 5.5 | - | 40,531 |
| 1966..... | 67,829 | 27,333 | 40.3 | 27,299 | 25,976 | 736 | 25,240 | 1,324 | 4.8 | - | 40,496 |
| 1967..... | 69,003 | 28,395 | 41.2 | 28,360 | 26,893 | 680 | 26,212 | 1,468 | 5.2 | - | 40,608 |
| 1968..... | 70,217 | 29,242 | 41.6 | 29,204 | 27,807 | 660 | 27,147 | 1,397 | 4.8 | - | 40,976 |
| 1969..... | 71,476 | 30,551 | 42.7 | 30,512 | 29,084 | 643 | 28,441 | 1,428 | 4.7 | - | 40,924 |
| 1969: February..... | 70,972 | 29,906 | 42.1 | 29,868 | 28,484 | 508 | 27,975 | 1,384 | 4.6 | 4.5 | 41,066 |
| August..... | 71,644 | 30,740 | 42.9 | 30,701 | 29,124 | 754 | 28,370 | 1,577 | 5.1 | 4.8 | 40,905 |
| September..... | 71,749 | 30,730 | 42.8 | 30,691 | 29,053 | 642 | 28,412 | 1,638 | 5.3 | 5.0 | 41,019 |
| October..... | 71,868 | 31,384 | 43.7 | 31,345 | 29,814 | 670 | 29,144 | 1,530 | 4.9 | 4.9 | 40,484 |
| November..... | 71,976 | 31,399 | 43.6 | 31,359 | 29,978 | 600 | 29,378 | 1,381 | 4.4 | 4.5 | 40,577 |
| December..... | 72,083 | 31,455 | 43.6 | 31,416 | 30,250 | 473 | 29,777 | 1,166 | 3.7 | 4.5 | 40,629 |
| 1970: January..... | 72,180 | 30,881 | 42.8 | 30,843 | 29,372 | 432 | 28,940 | 1,471 | 4.8 | 4.8 | 41,299 |
| February..... | 72,289 | 31,143 | 43.1 | 31,105 | 29,489 | 448 | 29,041 | 1,616 | 5.2 | 5.1 | 41,146 |

HOUSEHOLD DATA

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

| Sex, age, and color | Total labor force | | Civilian labor force | | | | Not in labor force | | | | |
|------------------------------|-------------------|-----------------------|----------------------|----------|------------|------------------------|--------------------|---------------|-----------------|----------------|---------------|
| | Number | Percent of population | Total | Employed | Unemployed | | Total | Keeping house | Going to school | Unable to work | Other reasons |
| | | | | | Number | Percent of labor force | | | | | |
| MALE | | | | | | | | | | | |
| 16 years and over | 53,481 | 79.8 | 50,178 | 48,000 | 2,178 | 4.3 | 13,528 | 228 | 4,574 | 1,346 | 7,379 |
| 16 to 21 years | 6,693 | 61.0 | 5,314 | 4,601 | 713 | 13.4 | 4,277 | 12 | 3,939 | 19 | 307 |
| 16 to 19 years | 3,934 | 52.8 | 3,502 | 3,002 | 500 | 14.3 | 3,516 | 10 | 3,268 | 11 | 228 |
| 16 and 17 years | 1,548 | 40.3 | 1,507 | 1,256 | 251 | 16.6 | 2,288 | 9 | 2,172 | 3 | 104 |
| 18 and 19 years | 2,386 | 66.0 | 1,995 | 1,746 | 249 | 12.5 | 1,228 | 1 | 1,095 | 8 | 124 |
| 20 to 64 years | 47,395 | 92.0 | 44,524 | 42,912 | 1,612 | 3.6 | 4,111 | 69 | 1,305 | 809 | 1,929 |
| 20 to 24 years | 7,084 | 84.5 | 5,354 | 4,884 | 470 | 8.8 | 1,298 | 4 | 1,086 | 20 | 188 |
| 25 to 54 years | 33,194 | 96.0 | 32,057 | 31,121 | 937 | 2.9 | 1,376 | 37 | 219 | 429 | 692 |
| 25 to 29 years | 6,431 | 95.9 | 6,001 | 5,745 | 256 | 4.3 | 278 | 4 | 146 | 29 | 99 |
| 30 to 34 years | 5,444 | 97.8 | 5,172 | 5,027 | 145 | 2.8 | 122 | - | 30 | 29 | 62 |
| 35 to 39 years | 5,275 | 97.5 | 5,023 | 4,881 | 142 | 2.8 | 136 | 5 | 14 | 38 | 80 |
| 40 to 44 years | 5,589 | 96.5 | 5,482 | 5,339 | 143 | 2.6 | 201 | 9 | 18 | 73 | 102 |
| 45 to 49 years | 5,556 | 95.2 | 5,504 | 5,377 | 128 | 2.3 | 283 | 6 | 9 | 113 | 154 |
| 50 to 54 years | 4,899 | 93.2 | 4,875 | 4,752 | 123 | 2.5 | 355 | 13 | 2 | 146 | 194 |
| 55 to 64 years | 7,116 | 83.2 | 7,113 | 6,907 | 206 | 2.9 | 1,437 | 28 | 1 | 359 | 1,049 |
| 55 to 59 years | 4,197 | 89.3 | 4,194 | 4,067 | 127 | 3.0 | 501 | 13 | - | 176 | 312 |
| 60 to 64 years | 2,919 | 75.7 | 2,919 | 2,840 | 79 | 2.7 | 936 | 15 | - | 183 | 737 |
| 65 years and over | 2,152 | 26.7 | 2,152 | 2,086 | 66 | 3.1 | 5,900 | 150 | 1 | 527 | 5,222 |
| 65 to 69 years | 1,272 | 41.6 | 1,272 | 1,227 | 45 | 3.6 | 1,783 | 34 | 1 | 155 | 1,593 |
| 70 years and over | 880 | 17.6 | 880 | 860 | 21 | 2.4 | 4,117 | 116 | - | 372 | 3,629 |
| White | | | | | | | | | | | |
| 16 years and over | 48,087 | 80.2 | 45,122 | 43,299 | 1,823 | 4.0 | 11,896 | 189 | 3,978 | 1,124 | 6,605 |
| 16 to 21 years | 5,884 | 61.7 | 4,650 | 4,067 | 583 | 12.5 | 3,652 | 11 | 3,403 | 15 | 223 |
| 16 to 19 years | 3,471 | 53.7 | 3,087 | 2,678 | 409 | 13.2 | 2,991 | 9 | 2,802 | 7 | 173 |
| 16 and 17 years | 1,389 | 41.8 | 1,354 | 1,139 | 215 | 15.9 | 1,935 | 8 | 1,847 | 2 | 78 |
| 18 and 19 years | 2,082 | 66.3 | 1,732 | 1,539 | 193 | 11.2 | 1,057 | 1 | 955 | 5 | 95 |
| 20 to 64 years | 42,637 | 92.4 | 40,057 | 38,705 | 1,351 | 3.4 | 3,511 | 51 | 1,175 | 660 | 1,624 |
| 20 to 24 years | 6,241 | 84.6 | 4,672 | 4,282 | 390 | 8.3 | 1,138 | 4 | 987 | 16 | 132 |
| 25 to 54 years | 29,883 | 96.5 | 28,874 | 28,096 | 777 | 2.7 | 1,099 | 23 | 189 | 337 | 551 |
| 25 to 34 years | 10,595 | 97.1 | 9,974 | 9,646 | 329 | 3.3 | 316 | - | 157 | 44 | 116 |
| 35 to 44 years | 9,764 | 97.3 | 9,447 | 9,214 | 233 | 2.5 | 266 | 9 | 24 | 89 | 145 |
| 45 to 54 years | 9,523 | 94.9 | 9,452 | 9,237 | 216 | 2.3 | 517 | 15 | 8 | 205 | 290 |
| 55 to 64 years | 6,514 | 83.6 | 6,511 | 6,327 | 184 | 2.8 | 1,273 | 23 | 1 | 308 | 942 |
| 55 to 59 years | 3,841 | 90.0 | 3,838 | 3,722 | 117 | 3.0 | 427 | 11 | - | 145 | 271 |
| 60 to 64 years | 2,672 | 75.9 | 2,672 | 2,605 | 67 | 2.5 | 846 | 13 | - | 163 | 670 |
| 65 years and over | 1,979 | 26.8 | 1,979 | 1,917 | 63 | 3.2 | 5,394 | 129 | 1 | 456 | 4,808 |
| Negro and other races | | | | | | | | | | | |
| 16 years and over | 5,394 | 76.8 | 5,056 | 4,701 | 356 | 7.0 | 1,632 | 39 | 596 | 223 | 774 |
| 16 to 21 years | 809 | 56.4 | 664 | 534 | 130 | 19.6 | 625 | - | 536 | 4 | 84 |
| 16 to 19 years | 463 | 46.9 | 416 | 324 | 91 | 21.9 | 525 | 1 | 466 | 4 | 55 |
| 16 and 17 years | 159 | 30.9 | 153 | 117 | 35 | 23.2 | 354 | 1 | 326 | 1 | 27 |
| 18 and 19 years | 305 | 64.0 | 263 | 207 | 56 | 21.2 | 171 | - | 140 | 3 | 28 |
| 20 to 64 years | 4,758 | 88.8 | 4,468 | 4,206 | 260 | 5.8 | 600 | 18 | 130 | 147 | 305 |
| 20 to 24 years | 844 | 84.1 | 681 | 602 | 80 | 11.7 | 160 | - | 100 | 4 | 56 |
| 25 to 54 years | 3,312 | 92.3 | 3,183 | 3,025 | 159 | 5.0 | 277 | 14 | 30 | 92 | 141 |
| 25 to 34 years | 1,280 | 93.8 | 1,199 | 1,126 | 73 | 6.1 | 84 | 4 | 20 | 15 | 45 |
| 35 to 44 years | 1,100 | 93.9 | 1,057 | 1,006 | 51 | 4.8 | 71 | 4 | 7 | 22 | 37 |
| 45 to 54 years | 932 | 88.5 | 927 | 892 | 35 | 3.7 | 121 | 4 | 3 | 55 | 59 |
| 55 to 64 years | 603 | 78.7 | 602 | 580 | 22 | 3.7 | 163 | 5 | - | 51 | 107 |
| 55 to 59 years | 356 | 82.8 | 356 | 345 | 11 | 3.0 | 74 | 2 | - | 31 | 41 |
| 60 to 64 years | 247 | 73.4 | 247 | 235 | 11 | 4.6 | 89 | 2 | - | 21 | 66 |
| 65 years and over | 173 | 25.5 | 173 | 170 | 4 | 2.1 | 507 | 21 | - | 72 | 414 |

HOUSEHOLD DATA

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

| Sex, age, and color | Total labor force | | Civilian labor force | | | | Not in labor force | | | | |
|------------------------------|-------------------|-----------------------|----------------------|----------|------------|------------------------|--------------------|---------------|-----------------|----------------|---------------|
| | Number | Percent of population | Total | Employed | Unemployed | | Total | Keeping house | Going to school | Unable to work | Other reasons |
| | | | | | Number | Percent of labor force | | | | | |
| FEMALE | | | | | | | | | | | |
| 16 years and over | 31,143 | 43.1 | 31,105 | 29,489 | 1,616 | 5.2 | 41,146 | 34,414 | 4,346 | 799 | 1,587 |
| 16 to 21 years | 4,925 | 45.7 | 4,905 | 4,338 | 567 | 11.6 | 5,850 | 1,706 | 3,949 | 15 | 180 |
| 16 to 19 years | 2,949 | 40.4 | 2,940 | 2,561 | 378 | 12.9 | 4,349 | 790 | 3,427 | 7 | 125 |
| 16 and 17 years | 1,185 | 31.6 | 1,185 | 1,018 | 167 | 14.1 | 2,567 | 197 | 2,311 | 6 | 53 |
| 18 and 19 years | 1,764 | 49.7 | 1,754 | 1,543 | 211 | 12.0 | 1,782 | 592 | 1,117 | 1 | 72 |
| 20 to 64 years | 27,132 | 50.1 | 27,103 | 25,901 | 1,203 | 4.4 | 27,043 | 25,095 | 918 | 268 | 761 |
| 20 to 24 years | 4,801 | 57.6 | 4,783 | 4,397 | 387 | 8.1 | 3,541 | 2,707 | 716 | 15 | 102 |
| 25 to 54 years | 18,194 | 50.2 | 18,183 | 17,470 | 713 | 3.9 | 18,056 | 17,290 | 192 | 144 | 431 |
| 25 to 29 years | 3,156 | 46.3 | 3,151 | 2,963 | 189 | 6.0 | 3,655 | 3,488 | 77 | 22 | 68 |
| 30 to 34 years | 2,551 | 44.4 | 2,549 | 2,451 | 98 | 3.9 | 3,191 | 3,082 | 48 | 16 | 45 |
| 35 to 39 years | 2,781 | 49.5 | 2,779 | 2,657 | 122 | 4.4 | 2,842 | 2,740 | 18 | 20 | 64 |
| 40 to 44 years | 3,257 | 53.3 | 3,256 | 3,151 | 105 | 3.2 | 2,852 | 2,724 | 24 | 22 | 82 |
| 45 to 49 years | 3,413 | 54.4 | 3,412 | 3,296 | 116 | 3.4 | 2,858 | 2,734 | 16 | 22 | 86 |
| 50 to 54 years | 3,036 | 53.3 | 3,036 | 2,952 | 83 | 2.7 | 2,657 | 2,521 | 8 | 42 | 86 |
| 55 to 64 years | 4,137 | 43.2 | 4,137 | 4,035 | 102 | 2.5 | 5,447 | 5,098 | 11 | 109 | 229 |
| 55 to 59 years | 2,527 | 48.9 | 2,527 | 2,452 | 75 | 3.0 | 2,642 | 2,505 | 6 | 44 | 87 |
| 60 to 64 years | 1,610 | 36.5 | 1,610 | 1,583 | 27 | 1.7 | 2,804 | 2,593 | 5 | 65 | 142 |
| 65 years and over | 1,062 | 9.8 | 1,062 | 1,027 | 35 | 3.3 | 9,753 | 8,529 | - | 524 | 701 |
| 65 to 69 years | 630 | 17.1 | 630 | 610 | 20 | 3.2 | 3,059 | 2,835 | - | 59 | 167 |
| 70 years and over | 432 | 6.1 | 432 | 417 | 15 | 3.4 | 6,694 | 5,694 | 1 | 465 | 534 |
| White | | | | | | | | | | | |
| 16 years and over | 27,259 | 42.4 | 27,224 | 25,921 | 1,304 | 4.8 | 37,012 | 31,301 | 3,679 | 635 | 1,397 |
| 16 to 21 years | 4,384 | 47.2 | 4,366 | 3,924 | 442 | 10.1 | 4,909 | 1,407 | 3,345 | 10 | 148 |
| 16 to 19 years | 2,653 | 42.2 | 2,645 | 2,354 | 291 | 11.0 | 3,629 | 638 | 2,886 | 5 | 100 |
| 16 and 17 years | 1,081 | 33.5 | 1,081 | 953 | 128 | 11.8 | 2,147 | 166 | 1,933 | 4 | 44 |
| 18 and 19 years | 1,572 | 51.5 | 1,564 | 1,400 | 163 | 10.4 | 1,482 | 471 | 953 | 1 | 56 |
| 20 to 64 years | 23,639 | 49.2 | 23,613 | 22,633 | 980 | 4.2 | 24,380 | 22,741 | 793 | 197 | 648 |
| 20 to 24 years | 4,192 | 57.6 | 4,177 | 3,875 | 302 | 7.2 | 3,085 | 2,356 | 629 | 11 | 90 |
| 25 to 54 years | 15,731 | 49.1 | 15,720 | 15,136 | 585 | 3.7 | 16,307 | 15,697 | 156 | 103 | 351 |
| 25 to 34 years | 4,828 | 43.9 | 4,822 | 4,589 | 233 | 4.8 | 6,174 | 5,961 | 93 | 27 | 93 |
| 35 to 44 years | 5,169 | 50.1 | 5,167 | 4,980 | 186 | 3.6 | 5,139 | 4,944 | 38 | 30 | 127 |
| 45 to 54 years | 5,733 | 53.4 | 5,732 | 5,567 | 165 | 2.9 | 4,994 | 4,792 | 24 | 47 | 131 |
| 55 to 64 years | 3,717 | 42.7 | 3,716 | 3,622 | 94 | 2.5 | 4,987 | 4,689 | 9 | 82 | 207 |
| 55 to 59 years | 2,262 | 48.4 | 2,262 | 2,196 | 66 | 2.9 | 2,411 | 2,291 | 4 | 35 | 81 |
| 60 to 64 years | 1,454 | 36.1 | 1,454 | 1,426 | 28 | 1.9 | 2,577 | 2,398 | 5 | 47 | 126 |
| 65 years and over | 966 | 9.7 | 966 | 934 | 32 | 3.3 | 9,003 | 7,922 | - | 433 | 649 |
| Negro and other races | | | | | | | | | | | |
| 16 years and over | 3,885 | 48.4 | 3,881 | 3,569 | 312 | 8.0 | 4,134 | 3,113 | 667 | 164 | 190 |
| 16 to 21 years | 541 | 36.5 | 539 | 414 | 125 | 23.1 | 941 | 299 | 605 | 5 | 32 |
| 16 to 19 years | 296 | 29.1 | 295 | 208 | 87 | 29.5 | 720 | 152 | 542 | 2 | 24 |
| 16 and 17 years | 104 | 19.8 | 104 | 65 | 39 | 37.6 | 420 | 31 | 378 | 2 | 9 |
| 18 and 19 years | 192 | 39.0 | 191 | 143 | 48 | 25.1 | 300 | 121 | 164 | - | 15 |
| 20 to 64 years | 3,493 | 56.7 | 3,490 | 3,268 | 222 | 6.4 | 2,664 | 2,354 | 126 | 71 | 114 |
| 20 to 24 years | 609 | 57.2 | 607 | 522 | 85 | 14.0 | 456 | 351 | 88 | 4 | 13 |
| 25 to 54 years | 2,463 | 58.5 | 2,463 | 2,334 | 129 | 5.2 | 1,749 | 1,593 | 36 | 41 | 79 |
| 25 to 34 years | 879 | 56.7 | 879 | 825 | 54 | 6.1 | 672 | 609 | 32 | 11 | 20 |
| 35 to 44 years | 868 | 61.0 | 868 | 827 | 41 | 4.7 | 556 | 521 | 4 | 12 | 19 |
| 45 to 54 years | 716 | 57.9 | 716 | 682 | 34 | 4.8 | 521 | 463 | - | 17 | 40 |
| 55 to 64 years | 421 | 47.8 | 421 | 413 | 8 | 1.9 | 459 | 409 | 2 | 27 | 21 |
| 55 to 59 years | 265 | 53.3 | 265 | 256 | 9 | 3.4 | 232 | 215 | 2 | 9 | 6 |
| 60 to 64 years | 156 | 40.7 | 156 | 157 | - | - | 228 | 194 | - | 17 | 16 |
| 65 years and over | 96 | 11.3 | 96 | 93 | 3 | 3.5 | 750 | 607 | - | 91 | 51 |

HOUSEHOLD DATA

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

| Sex, age, and color | Total labor force | | | | Civilian labor force | | | |
|------------------------------|----------------------|-----------|--------------------|-----------|----------------------|-----------|--------------------|-----------|
| | Thousands of persons | | Participation rate | | Thousands of persons | | Participation rate | |
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| MALE | | | | | | | | |
| 16 years and over | 53,481 | 52,673 | 79.8 | 79.8 | 50,178 | 49,237 | 78.8 | 78.7 |
| 16 to 19 years | 3,934 | 3,707 | 52.8 | 50.9 | 3,502 | 3,326 | 49.9 | 48.1 |
| 16 and 17 years | 1,548 | 1,462 | 40.3 | 39.2 | 1,507 | 1,438 | 39.7 | 38.8 |
| 18 and 19 years | 2,386 | 2,245 | 66.0 | 63.1 | 1,995 | 1,888 | 61.9 | 59.0 |
| 20 to 24 years | 7,084 | 6,805 | 84.5 | 84.3 | 5,354 | 4,997 | 80.5 | 79.8 |
| 25 to 34 years | 33,194 | 33,018 | 96.0 | 96.4 | 32,057 | 31,775 | 95.9 | 96.2 |
| 25 to 34 years | 11,875 | 11,592 | 96.7 | 97.0 | 11,173 | 10,837 | 96.5 | 96.8 |
| 35 to 44 years | 10,865 | 11,005 | 97.0 | 97.1 | 10,504 | 10,613 | 96.9 | 97.0 |
| 45 to 54 years | 10,455 | 10,420 | 94.2 | 95.0 | 10,379 | 10,324 | 94.2 | 94.9 |
| 55 to 64 years | 7,116 | 7,007 | 83.2 | 83.3 | 7,113 | 7,002 | 83.2 | 83.3 |
| 55 to 59 years | 4,197 | 4,111 | 89.3 | 89.0 | 4,194 | 4,107 | 89.3 | 88.9 |
| 60 to 64 years | 2,919 | 2,895 | 75.7 | 76.4 | 2,919 | 2,895 | 75.7 | 76.4 |
| 65 years and over | 2,152 | 2,138 | 26.7 | 26.9 | 2,152 | 2,138 | 26.7 | 26.9 |
| White | | | | | | | | |
| 16 years and over | 48,087 | 47,429 | 80.2 | 80.2 | 45,122 | 44,338 | 79.1 | 79.1 |
| 16 to 19 years | 3,471 | 3,271 | 53.7 | 51.7 | 3,087 | 2,929 | 50.8 | 48.9 |
| 16 and 17 years | 1,389 | 1,320 | 41.8 | 40.7 | 1,354 | 1,298 | 41.2 | 40.3 |
| 18 and 19 years | 2,082 | 1,951 | 66.3 | 63.1 | 1,732 | 1,631 | 62.1 | 58.9 |
| 20 to 24 years | 6,241 | 6,013 | 84.6 | 84.3 | 4,672 | 4,370 | 80.4 | 79.7 |
| 25 to 34 years | 29,883 | 29,736 | 96.5 | 96.8 | 28,874 | 28,634 | 96.3 | 96.7 |
| 25 to 34 years | 10,595 | 10,342 | 97.1 | 97.2 | 9,974 | 9,679 | 96.9 | 97.0 |
| 35 to 44 years | 9,764 | 9,901 | 97.3 | 97.5 | 9,447 | 9,549 | 97.3 | 97.4 |
| 45 to 54 years | 9,523 | 9,494 | 94.9 | 95.6 | 9,452 | 9,406 | 94.8 | 95.6 |
| 55 to 64 years | 6,514 | 6,431 | 83.6 | 84.0 | 6,511 | 6,426 | 83.6 | 84.0 |
| 55 to 59 years | 3,841 | 3,765 | 90.0 | 89.7 | 3,838 | 3,761 | 90.0 | 89.7 |
| 60 to 64 years | 2,672 | 2,666 | 75.9 | 77.1 | 2,672 | 2,665 | 75.9 | 77.1 |
| 65 years and over | 1,979 | 1,979 | 26.8 | 27.2 | 1,979 | 1,979 | 26.8 | 27.2 |
| Negro and other races | | | | | | | | |
| 16 years and over | 5,394 | 5,245 | 76.8 | 76.6 | 5,056 | 4,898 | 75.6 | 75.3 |
| 16 to 19 years | 463 | 436 | 46.9 | 45.5 | 416 | 397 | 44.2 | 43.2 |
| 16 and 17 years | 159 | 142 | 30.9 | 28.9 | 153 | 140 | 30.1 | 28.5 |
| 18 and 19 years | 305 | 294 | 64.0 | 63.1 | 263 | 257 | 60.6 | 60.0 |
| 20 to 24 years | 844 | 792 | 84.1 | 83.9 | 681 | 626 | 81.0 | 80.5 |
| 25 to 34 years | 3,312 | 3,282 | 92.3 | 93.0 | 3,183 | 3,140 | 92.0 | 92.7 |
| 25 to 34 years | 1,280 | 1,251 | 93.8 | 95.3 | 1,199 | 1,158 | 93.4 | 94.9 |
| 35 to 44 years | 1,100 | 1,105 | 93.9 | 94.0 | 1,057 | 1,064 | 93.7 | 93.8 |
| 45 to 54 years | 932 | 926 | 88.5 | 88.8 | 927 | 918 | 88.4 | 88.7 |
| 55 to 64 years | 603 | 576 | 78.7 | 76.2 | 602 | 576 | 78.7 | 76.2 |
| 55 to 59 years | 356 | 346 | 82.8 | 81.8 | 356 | 346 | 82.8 | 81.8 |
| 60 to 64 years | 247 | 230 | 73.4 | 69.1 | 247 | 230 | 73.4 | 69.1 |
| 65 years and over | 173 | 159 | 25.5 | 24.0 | 173 | 159 | 25.5 | 24.0 |

HOUSEHOLD DATA

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

| Sex, age, and color | Total labor force | | | | Civilian labor force | | | |
|------------------------------|----------------------|-----------|--------------------|-----------|----------------------|-----------|--------------------|-----------|
| | Thousands of persons | | Participation rate | | Thousands of persons | | Participation rate | |
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| FEMALE | | | | | | | | |
| 16 years and over | 31,143 | 29,906 | 43.1 | 42.1 | 31,105 | 29,868 | 43.1 | 42.1 |
| 16 to 19 years | 2,949 | 2,648 | 40.4 | 37.2 | 2,940 | 2,639 | 40.3 | 37.1 |
| 16 and 17 years | 1,185 | 967 | 31.6 | 26.6 | 1,185 | 967 | 31.6 | 26.6 |
| 18 and 19 years | 1,764 | 1,680 | 49.7 | 48.3 | 1,754 | 1,671 | 49.6 | 48.2 |
| 20 to 24 years | 4,801 | 4,527 | 57.6 | 56.6 | 4,783 | 4,509 | 57.5 | 56.5 |
| 25 to 34 years | 18,194 | 17,589 | 50.2 | 49.0 | 18,183 | 17,578 | 50.2 | 49.0 |
| 25 to 34 years | 5,707 | 5,356 | 45.5 | 43.9 | 5,700 | 5,350 | 45.4 | 43.8 |
| 35 to 44 years | 6,038 | 5,928 | 51.5 | 49.9 | 6,035 | 5,924 | 51.5 | 49.9 |
| 45 to 54 years | 6,449 | 6,305 | 53.9 | 53.4 | 6,448 | 6,304 | 53.9 | 53.4 |
| 55 to 64 years | 4,137 | 4,088 | 43.2 | 43.5 | 4,137 | 4,088 | 43.2 | 43.5 |
| 55 to 59 years | 2,527 | 2,519 | 48.9 | 49.7 | 2,527 | 2,519 | 48.9 | 49.7 |
| 60 to 64 years | 1,610 | 1,569 | 36.5 | 36.3 | 1,610 | 1,569 | 36.5 | 36.3 |
| 65 years and over | 1,062 | 1,054 | 9.8 | 10.0 | 1,062 | 1,054 | 9.8 | 10.0 |
| White | | | | | | | | |
| 16 years and over | 27,259 | 26,127 | 42.4 | 41.4 | 27,224 | 26,093 | 42.4 | 41.3 |
| 16 to 19 years | 2,653 | 2,364 | 42.2 | 38.5 | 2,645 | 2,355 | 42.2 | 38.5 |
| 16 and 17 years | 1,081 | 877 | 33.5 | 28.0 | 1,081 | 877 | 33.5 | 28.0 |
| 18 and 19 years | 1,572 | 1,487 | 51.5 | 49.6 | 1,564 | 1,479 | 51.3 | 49.5 |
| 20 to 24 years | 4,192 | 3,950 | 57.6 | 56.4 | 4,177 | 3,934 | 57.5 | 56.3 |
| 25 to 34 years | 15,731 | 15,190 | 49.1 | 47.8 | 15,720 | 15,179 | 49.1 | 47.8 |
| 25 to 34 years | 4,828 | 4,485 | 43.9 | 41.9 | 4,822 | 4,480 | 43.9 | 41.8 |
| 35 to 44 years | 5,169 | 5,110 | 50.1 | 48.9 | 5,167 | 5,106 | 50.1 | 48.8 |
| 45 to 54 years | 5,733 | 5,594 | 53.4 | 52.8 | 5,732 | 5,593 | 53.4 | 52.8 |
| 55 to 64 years | 3,717 | 3,673 | 42.7 | 43.0 | 3,716 | 3,672 | 42.7 | 43.0 |
| 55 to 59 years | 2,262 | 2,253 | 48.4 | 49.1 | 2,262 | 2,253 | 48.4 | 49.1 |
| 60 to 64 years | 1,454 | 1,420 | 36.1 | 36.0 | 1,454 | 1,420 | 36.1 | 36.0 |
| 65 years and over | 966 | 952 | 9.7 | 9.8 | 966 | 952 | 9.7 | 9.8 |
| Negro and other races | | | | | | | | |
| 16 years and over | 3,885 | 3,779 | 48.4 | 48.5 | 3,881 | 3,775 | 48.4 | 48.5 |
| 16 to 19 years | 296 | 284 | 29.1 | 28.9 | 295 | 283 | 29.0 | 28.9 |
| 16 and 17 years | 104 | 91 | 19.8 | 18.0 | 104 | 91 | 19.8 | 18.0 |
| 18 and 19 years | 192 | 194 | 39.0 | 40.4 | 191 | 193 | 38.9 | 40.3 |
| 20 to 24 years | 609 | 577 | 57.2 | 57.9 | 607 | 575 | 57.1 | 57.8 |
| 25 to 34 years | 2,463 | 2,400 | 58.5 | 58.1 | 2,463 | 2,399 | 58.5 | 58.1 |
| 25 to 34 years | 879 | 871 | 56.7 | 58.1 | 879 | 870 | 56.7 | 58.1 |
| 35 to 44 years | 868 | 818 | 61.0 | 57.6 | 868 | 818 | 61.0 | 57.5 |
| 45 to 54 years | 716 | 711 | 57.9 | 58.8 | 716 | 711 | 57.9 | 58.8 |
| 55 to 64 years | 421 | 415 | 47.8 | 48.4 | 421 | 415 | 47.8 | 48.4 |
| 55 to 59 years | 265 | 266 | 53.3 | 55.2 | 265 | 266 | 53.3 | 55.2 |
| 60 to 64 years | 156 | 149 | 40.7 | 39.8 | 156 | 149 | 40.7 | 39.8 |
| 65 years and over | 96 | 102 | 11.3 | 12.4 | 96 | 102 | 11.3 | 12.4 |

HOUSEHOLD DATA

A- 5: Employment status of persons 16-21 years of age in the noninstitutional population by color and sex

February 1970
(In thousands)

| Employment status | Total | | | White | | | Negro and other races | | |
|-----------------------------------|------------|--------|--------|------------|-------|--------|-----------------------|-------|--------|
| | Both sexes | Male | Female | Both sexes | Male | Female | Both sexes | Male | Female |
| Total noninstitutional population | 21,745 | 10,970 | 10,775 | 18,829 | 9,536 | 9,293 | 2,916 | 1,434 | 1,482 |
| Total labor force | 11,618 | 6,693 | 4,925 | 10,268 | 5,884 | 4,384 | 1,350 | 809 | 541 |
| Percent of population | 53.4 | 61.0 | 45.7 | 54.5 | 61.7 | 47.2 | 46.3 | 56.4 | 36.5 |
| Civilian labor force | 10,219 | 5,314 | 4,905 | 9,015 | 4,650 | 4,366 | 1,203 | 664 | 539 |
| Employed | 8,939 | 4,601 | 4,338 | 7,990 | 4,067 | 3,924 | 948 | 534 | 414 |
| Agriculture | 309 | 272 | 37 | 284 | 249 | 35 | 26 | 24 | 2 |
| Nonagricultural industries | 8,629 | 4,328 | 4,301 | 7,707 | 3,818 | 3,889 | 923 | 510 | 412 |
| Unemployed | 1,280 | 713 | 567 | 1,025 | 583 | 442 | 255 | 130 | 125 |
| Percent of labor force | 12.5 | 13.4 | 11.6 | 11.4 | 12.5 | 10.1 | 21.2 | 19.6 | 23.1 |
| Looking for full-time work | 745 | 396 | 349 | 575 | 307 | 268 | 170 | 89 | 81 |
| Looking for part-time work | 535 | 317 | 218 | 450 | 276 | 174 | 85 | 41 | 44 |
| Not in labor force | 10,127 | 4,277 | 5,850 | 8,562 | 3,652 | 4,909 | 1,566 | 625 | 941 |
| Major activity: going to school | | | | | | | | | |
| Civilian labor force | 3,889 | 2,254 | 1,635 | 3,552 | 2,046 | 1,507 | 336 | 209 | 128 |
| Employed | 3,363 | 1,916 | 1,446 | 3,114 | 1,756 | 1,358 | 248 | 160 | 88 |
| Agriculture | 160 | 148 | 12 | 152 | 141 | 11 | 9 | 8 | 1 |
| Nonagricultural industries | 3,202 | 1,768 | 1,434 | 2,963 | 1,616 | 1,347 | 240 | 152 | 88 |
| Unemployed | 526 | 338 | 188 | 438 | 289 | 149 | 88 | 49 | 40 |
| Percent of labor force | 13.5 | 15.0 | 11.5 | 12.3 | 14.1 | 9.9 | 26.2 | 23.3 | 30.9 |
| Looking for full-time work | 41 | 32 | 10 | 27 | 22 | 5 | 14 | 10 | 5 |
| Looking for part-time work | 485 | 306 | 179 | 411 | 267 | 144 | 74 | 39 | 35 |
| Not in labor force | 7,889 | 3,939 | 3,949 | 6,748 | 3,403 | 3,345 | 1,141 | 536 | 605 |
| Major activity: other | | | | | | | | | |
| Civilian labor force | 6,330 | 3,060 | 3,270 | 5,463 | 2,604 | 2,859 | 867 | 456 | 411 |
| Employed | 5,576 | 2,685 | 2,891 | 4,876 | 2,311 | 2,565 | 700 | 374 | 326 |
| Agriculture | 149 | 124 | 25 | 132 | 108 | 24 | 17 | 16 | 1 |
| Nonagricultural industries | 5,427 | 2,561 | 2,867 | 4,744 | 2,202 | 2,542 | 683 | 358 | 325 |
| Unemployed | 754 | 375 | 379 | 587 | 293 | 294 | 167 | 82 | 85 |
| Percent of labor force | 11.9 | 12.3 | 11.6 | 10.7 | 11.3 | 10.3 | 19.2 | 17.9 | 20.7 |
| Looking for full-time work | 704 | 365 | 339 | 548 | 285 | 263 | 156 | 80 | 76 |
| Looking for part-time work | 50 | 11 | 40 | 39 | 9 | 30 | 11 | 2 | 9 |
| Not in labor force | 2,239 | 338 | 1,901 | 1,814 | 249 | 1,565 | 425 | 89 | 336 |

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

(In thousands)

| Employment status and color | Total | | Men, 20 years and over | | Women, 20 years and over | | Both sexes, 16-19 years | |
|-----------------------------------|--------------|-----------|------------------------|-----------|--------------------------|-----------|-------------------------|-----------|
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| | Total | | | | | | | |
| Total noninstitutional population | 139,298 | 136,940 | 59,558 | 58,680 | 64,991 | 63,856 | 14,749 | 14,404 |
| Total labor force | 84,625 | 82,579 | 49,547 | 48,967 | 28,194 | 27,258 | 6,884 | 6,355 |
| Percent of population | 60.8 | 60.3 | 83.2 | 83.4 | 43.4 | 42.7 | 46.7 | 44.1 |
| Civilian labor force | 81,283 | 79,104 | 46,676 | 45,911 | 28,165 | 27,229 | 6,442 | 5,964 |
| Employed | 77,489 | 76,181 | 44,998 | 44,777 | 26,928 | 26,168 | 5,563 | 5,236 |
| Agriculture | 2,994 | 3,285 | 2,330 | 2,557 | 423 | 482 | 241 | 247 |
| Nonagricultural industries | 74,495 | 72,896 | 42,668 | 42,220 | 26,505 | 25,686 | 5,322 | 4,989 |
| Unemployed | 3,794 | 2,923 | 1,678 | 1,134 | 1,238 | 1,061 | 878 | 729 |
| Percent of labor force | 4.7 | 3.7 | 3.6 | 2.5 | 4.4 | 3.9 | 13.6 | 12.2 |
| Not in labor force | 54,673 | 54,361 | 10,011 | 9,713 | 36,796 | 36,598 | 7,866 | 8,050 |
| White | | | | | | | | |
| Total noninstitutional population | 124,253 | 122,302 | 53,521 | 52,787 | 57,988 | 57,050 | 12,745 | 12,465 |
| Total labor force | 75,346 | 73,556 | 44,616 | 44,158 | 24,605 | 23,764 | 6,124 | 5,634 |
| Percent of population | 60.6 | 60.1 | 83.4 | 83.7 | 42.4 | 41.7 | 48.1 | 45.2 |
| Civilian labor force | 72,346 | 70,431 | 42,036 | 41,410 | 24,579 | 23,738 | 5,731 | 5,284 |
| Employed | 69,220 | 68,052 | 40,622 | 40,463 | 23,567 | 22,879 | 5,031 | 4,710 |
| Agriculture | 2,713 | 2,982 | 2,094 | 2,309 | 398 | 448 | 221 | 225 |
| Nonagricultural industries | 66,507 | 65,070 | 38,528 | 38,153 | 23,169 | 22,431 | 4,810 | 4,485 |
| Unemployed | 3,127 | 2,379 | 1,414 | 947 | 1,012 | 858 | 700 | 574 |
| Percent of labor force | 4.3 | 3.4 | 3.4 | 2.3 | 4.1 | 3.6 | 12.2 | 10.9 |
| Not in labor force | 48,908 | 48,746 | 8,905 | 8,629 | 33,383 | 33,286 | 6,620 | 6,830 |
| Negro and other races | | | | | | | | |
| Total noninstitutional population | 15,045 | 14,638 | 6,038 | 5,892 | 7,003 | 6,806 | 2,004 | 1,940 |
| Total labor force | 9,279 | 9,023 | 4,931 | 4,809 | 3,589 | 3,494 | 759 | 720 |
| Percent of population | 61.7 | 61.6 | 81.7 | 81.6 | 51.3 | 51.3 | 37.9 | 37.1 |
| Civilian labor force | 8,937 | 8,673 | 4,641 | 4,501 | 3,586 | 3,491 | 710 | 680 |
| Employed | 8,269 | 8,128 | 4,376 | 4,315 | 3,361 | 3,289 | 532 | 525 |
| Agriculture | 281 | 303 | 236 | 248 | 25 | 34 | 20 | 22 |
| Nonagricultural industries | 7,988 | 7,825 | 4,141 | 4,067 | 3,336 | 3,255 | 512 | 504 |
| Unemployed | 668 | 544 | 264 | 187 | 225 | 203 | 178 | 155 |
| Percent of labor force | 7.5 | 6.3 | 5.7 | 4.1 | 6.3 | 5.8 | 25.1 | 22.8 |
| Not in labor force | 5,766 | 5,615 | 1,107 | 1,084 | 3,414 | 3,312 | 1,245 | 1,219 |

HOUSEHOLD DATA

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

February 1970

(In thousands)

| Age and sex | Full-time labor force | | | | | Part-time labor force | | | |
|-------------------------|-----------------------|---|---|--|--|-----------------------|--|---|--|
| | Total | Employed | | Unemployed (looking for full-time work) | | Total | Employed on voluntary part time ¹ | Unemployed (looking for part-time work) | |
| | | Full- time schedules ¹ | Part time for economic reasons | Number | Percent of full-time labor force | | | Number | Percent of part-time labor force |
| TOTAL | | | | | | | | | |
| 16 years and over | 69,018 | 63,997 | 2,117 | 2,904 | 4.2 | 12,266 | 11,375 | 890 | 7.3 |
| 16 to 21 years | 5,687 | 4,620 | 322 | 745 | 13.1 | 4,532 | 3,997 | 535 | 11.8 |
| 16 to 19 years | 2,792 | 2,176 | 193 | 423 | 15.1 | 3,650 | 3,194 | 455 | 12.5 |
| 16 and 17 years | 453 | 303 | 51 | 99 | 21.8 | 2,239 | 1,920 | 319 | 14.3 |
| 18 and 19 years | 2,339 | 1,873 | 142 | 324 | 13.9 | 1,411 | 1,275 | 136 | 9.6 |
| 20 years and over | 66,226 | 61,821 | 1,924 | 2,481 | 3.7 | 8,616 | 8,181 | 435 | 5.1 |
| 20 to 24 years | 8,547 | 7,557 | 290 | 700 | 8.2 | 1,590 | 1,433 | 156 | 9.8 |
| 25 years and over | 57,679 | 54,263 | 1,634 | 1,781 | 3.1 | 7,026 | 6,748 | 278 | 4.0 |
| 25 to 54 years | 45,700 | 43,027 | 1,193 | 1,482 | 3.2 | 4,540 | 4,372 | 168 | 3.7 |
| 55 years and over | 11,979 | 11,237 | 442 | 299 | 2.5 | 2,487 | 2,376 | 110 | 4.4 |
| MALE | | | | | | | | | |
| 16 years and over | 45,782 | 42,898 | 1,132 | 1,752 | 3.8 | 4,396 | 3,970 | 426 | 9.7 |
| 16 to 21 years | 2,857 | 2,314 | 146 | 396 | 13.9 | 2,457 | 2,140 | 317 | 12.9 |
| 16 to 19 years | 1,470 | 1,154 | 92 | 224 | 15.2 | 2,032 | 1,756 | 276 | 13.6 |
| 20 years and over | 44,312 | 41,744 | 1,040 | 1,528 | 3.4 | 2,364 | 2,214 | 150 | 6.4 |
| 20 to 24 years | 4,595 | 4,076 | 134 | 385 | 8.4 | 758 | 674 | 85 | 11.2 |
| 25 years and over | 39,716 | 37,667 | 906 | 1,143 | 2.9 | 1,605 | 1,541 | 66 | 4.1 |
| 25 to 54 years | 31,520 | 29,969 | 633 | 919 | 2.9 | 536 | 519 | 18 | 3.4 |
| 55 years and over | 8,196 | 7,699 | 273 | 224 | 2.7 | 1,069 | 1,021 | 48 | 4.5 |
| FEMALE | | | | | | | | | |
| 16 years and over | 23,236 | 21,098 | 986 | 1,152 | 5.0 | 7,869 | 7,405 | 464 | 5.9 |
| 16 to 21 years | 2,830 | 2,306 | 176 | 349 | 12.3 | 2,074 | 1,856 | 218 | 10.5 |
| 16 to 19 years | 1,322 | 1,022 | 101 | 199 | 15.0 | 1,617 | 1,438 | 179 | 11.1 |
| 20 years and over | 21,914 | 20,076 | 884 | 953 | 4.3 | 6,252 | 5,967 | 285 | 4.6 |
| 20 to 24 years | 3,952 | 3,481 | 156 | 315 | 8.0 | 831 | 760 | 72 | 8.6 |
| 25 years and over | 17,961 | 16,595 | 729 | 638 | 3.6 | 5,421 | 5,208 | 213 | 3.9 |
| 25 to 54 years | 14,180 | 13,057 | 560 | 563 | 4.0 | 4,003 | 3,852 | 151 | 3.8 |
| 55 years and over | 3,782 | 3,538 | 169 | 75 | 2.0 | 1,417 | 1,355 | 62 | 4.4 |

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

HOUSEHOLD DATA

A- 8: Unemployed persons by sex and age

| Age | Male | | | | Female | | | |
|--|----------------------|-----------|--------------------|-----------|----------------------|-----------|--------------------|-----------|
| | Thousands of persons | | Unemployment rates | | Thousands of persons | | Unemployment rates | |
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| Total, 16 years and over | 2,178 | 1,539 | 4.3 | 3.1 | 1,616 | 1,384 | 5.2 | 4.6 |
| 16 to 19 years | 500 | 405 | 14.3 | 12.2 | 378 | 323 | 12.9 | 12.2 |
| 16 and 17 years | 251 | 202 | 16.6 | 14.1 | 167 | 118 | 14.1 | 12.2 |
| 18 and 19 years | 249 | 203 | 12.5 | 10.8 | 211 | 205 | 12.0 | 12.3 |
| 20 years and over | 1,678 | 1,134 | 3.6 | 2.5 | 1,238 | 1,061 | 4.4 | 3.9 |
| 20 to 24 years | 470 | 307 | 8.8 | 6.1 | 387 | 295 | 8.1 | 6.5 |
| 25 years and over | 1,208 | 826 | 2.9 | 2.0 | 851 | 766 | 3.6 | 3.4 |
| 25 to 34 years | 402 | 243 | 3.6 | 2.2 | 287 | 247 | 5.0 | 4.6 |
| 35 to 44 years | 284 | 189 | 2.7 | 1.8 | 227 | 217 | 3.8 | 3.7 |
| 45 to 54 years | 250 | 192 | 2.4 | 1.9 | 199 | 165 | 3.1 | 2.6 |
| 55 to 64 years | 206 | 152 | 2.9 | 2.2 | 102 | 99 | 2.5 | 2.4 |
| 65 to 69 years | 127 | 93 | 3.0 | 2.3 | 75 | 64 | 3.0 | 2.6 |
| 70 to 74 years | 79 | 59 | 2.7 | 2.0 | 27 | 34 | 1.7 | 2.2 |
| 75 years and over | 66 | 51 | 3.1 | 2.4 | 35 | 39 | 3.3 | 3.7 |
| Household head, 16 years and over | 1,182 | 807 | 2.8 | 2.0 | 251 | 238 | 3.9 | 3.8 |
| 16 to 24 years | 171 | 106 | 5.5 | 3.6 | 44 | 36 | 6.7 | 6.2 |
| 25 to 34 years | 758 | 513 | 2.5 | 1.7 | 143 | 146 | 4.1 | 4.2 |
| 35 years and over | 253 | 188 | 2.8 | 2.1 | 64 | 56 | 2.8 | 2.5 |

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

| Marital status, age, and color | Male | | | | Female | | | |
|---|----------------------|-----------|--------------------|-----------|----------------------|-----------|--------------------|-----------|
| | Thousands of persons | | Unemployment rates | | Thousands of persons | | Unemployment rates | |
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| Total, 16 years and over | 2,178 | 1,539 | 4.3 | 3.1 | 1,616 | 1,384 | 5.2 | 4.6 |
| Married, spouse present | 1,050 | 731 | 2.7 | 1.9 | 834 | 704 | 4.5 | 4.0 |
| Widowed, divorced, or separated | 167 | 115 | 6.5 | 4.3 | 285 | 250 | 4.9 | 4.4 |
| Single (never married) | 961 | 693 | 11.0 | 8.4 | 496 | 430 | 7.2 | 6.6 |
| Total, 20 to 64 years of age | 1,612 | 1,083 | 3.6 | 2.5 | 1,203 | 1,022 | 4.4 | 3.9 |
| Married, spouse present | 979 | 681 | 2.7 | 1.9 | 776 | 645 | 4.4 | 3.8 |
| Widowed, divorced, or separated | 153 | 105 | 6.6 | 4.4 | 245 | 207 | 4.8 | 4.1 |
| Single (never married) | 480 | 298 | 8.9 | 5.9 | 181 | 170 | 4.3 | 4.1 |
| White, 16 years and over | 1,823 | 1,268 | 4.0 | 2.9 | 1,304 | 1,111 | 4.8 | 4.3 |
| Married, spouse present | 897 | 625 | 2.5 | 1.8 | 708 | 590 | 4.3 | 3.7 |
| Widowed, divorced, or separated | 133 | 83 | 6.6 | 4.0 | 211 | 197 | 4.5 | 4.3 |
| Single (never married) | 793 | 560 | 10.4 | 7.8 | 384 | 323 | 6.3 | 5.6 |
| White, 20 to 64 years of age | 1,351 | 899 | 3.4 | 2.3 | 980 | 821 | 4.2 | 3.6 |
| Married, spouse present | 831 | 577 | 2.5 | 1.7 | 662 | 541 | 4.2 | 3.6 |
| Widowed, divorced, or separated | 120 | 73 | 6.7 | 4.0 | 180 | 160 | 4.5 | 4.0 |
| Single (never married) | 400 | 248 | 8.6 | 5.7 | 140 | 121 | 3.8 | 3.4 |
| Negro and other races, 16 years and over | 356 | 271 | 7.0 | 5.5 | 312 | 273 | 8.0 | 7.2 |
| Married, spouse present | 153 | 106 | 4.6 | 3.2 | 126 | 114 | 6.4 | 6.2 |
| Widowed, divorced, or separated | 34 | 32 | 6.1 | 5.5 | 74 | 52 | 6.7 | 4.6 |
| Single (never married) | 168 | 133 | 14.7 | 13.0 | 112 | 107 | 13.9 | 13.4 |
| Negro and other races, 20 to 64 years of age | 260 | 184 | 5.8 | 4.2 | 222 | 201 | 6.4 | 5.9 |
| Married, spouse present | 148 | 103 | 4.6 | 3.3 | 114 | 103 | 6.0 | 5.7 |
| Widowed, divorced, or separated | 33 | 30 | 6.3 | 5.4 | 67 | 47 | 6.4 | 4.5 |
| Single (never married) | 79 | 50 | 10.6 | 7.8 | 41 | 49 | 7.4 | 8.9 |

HOUSEHOLD DATA

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

| Occupation | Thousands of persons | | Unemployment rates | | | | | |
|--|----------------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|
| | | | Total | | Male | | Female | |
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| Total..... | 3,794 | 2,923 | 4.7 | 3.7 | 4.3 | 3.1 | 5.2 | 4.6 |
| White-collar workers..... | 974 | 779 | 2.5 | 2.1 | 1.7 | 1.3 | 3.4 | 3.0 |
| Professional and technical..... | 173 | 108 | 1.5 | 1.0 | 1.4 | .7 | 1.7 | 1.4 |
| Managers, officials, and proprietors..... | 97 | 85 | 1.2 | 1.1 | .9 | .9 | 2.5 | 2.1 |
| Clerical workers..... | 502 | 405 | 3.5 | 3.0 | 2.9 | 2.5 | 3.7 | 3.1 |
| Sales workers..... | 202 | 181 | 4.2 | 3.9 | 2.7 | 2.0 | 6.1 | 6.5 |
| Blue-collar workers..... | 1,843 | 1,331 | 6.3 | 4.6 | 6.0 | 4.1 | 7.9 | 7.1 |
| Craftsmen and foremen..... | 391 | 324 | 3.8 | 3.1 | 3.9 | 3.1 | .8 | 5.1 |
| Carpenters and other construction craftsmen..... | 238 | 173 | 8.6 | 6.1 | 8.6 | 6.0 | (1) | (1) |
| All other..... | 153 | 151 | 2.1 | 2.0 | 2.1 | 1.9 | - | 4.2 |
| Operatives..... | 1,066 | 741 | 7.1 | 5.0 | 6.4 | 4.0 | 8.4 | 7.2 |
| Drivers and deliverymen..... | 140 | 95 | 5.3 | 3.5 | 5.5 | 3.5 | 1.0 | (1) |
| All other..... | 926 | 646 | 7.4 | 5.3 | 6.7 | 4.2 | 8.6 | 7.2 |
| Nonfarm laborers..... | 386 | 266 | 10.2 | 7.6 | 10.3 | 7.6 | 8.1 | 7.6 |
| Construction laborers..... | 151 | 110 | 18.1 | 14.5 | 17.7 | 14.6 | - | - |
| All other..... | 235 | 156 | 8.0 | 5.7 | 8.1 | 5.5 | 8.1 | 7.6 |
| Service workers..... | 529 | 435 | 5.2 | 4.4 | 5.0 | 3.8 | 5.3 | 4.6 |
| Private household..... | 62 | 72 | 3.6 | 4.0 | 1.1 | - | - | 4.2 |
| All other..... | 467 | 363 | 5.6 | 4.4 | 5.1 | 3.9 | 5.9 | 4.8 |
| Farmers and farm laborers..... | 72 | 54 | 2.6 | 1.8 | 1.9 | 1.8 | 6.6 | 1.7 |
| No previous work experience..... | 377 | 324 | - | - | - | - | - | - |
| 16 to 19 years..... | 280 | 240 | - | - | - | - | - | - |
| 20 to 24 years..... | 62 | 45 | - | - | - | - | - | - |
| 25 years and over..... | 35 | 39 | - | - | - | - | - | - |

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

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

| Industry | Percent distribution | | Unemployment rates | | | | | |
|--|----------------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|
| | | | Total | | Male | | Female | |
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| Total..... | 100.0 | 100.0 | 4.7 | 3.7 | 4.3 | 3.1 | 5.2 | 4.6 |
| Private wage and salary workers..... | 79.8 | 77.6 | 5.1 | 3.9 | 4.9 | 3.4 | 5.4 | 4.8 |
| Mining..... | .5 | .7 | 3.8 | 3.6 | 4.0 | 4.0 | (1) | - |
| Construction..... | 12.8 | 11.5 | 13.1 | 9.5 | 13.3 | 9.7 | 10.5 | 5.6 |
| Manufacturing..... | 29.6 | 24.2 | 5.2 | 3.4 | 4.6 | 2.4 | 6.8 | 5.8 |
| Durable goods..... | 17.8 | 12.2 | 5.3 | 2.9 | 4.9 | 2.2 | 7.0 | 5.3 |
| Primary metal industries..... | 1.1 | 1.1 | 3.2 | 2.5 | 2.8 | 2.1 | 7.4 | 6.6 |
| Fabricated metal products..... | 2.3 | 1.5 | 5.5 | 2.6 | 4.3 | 2.1 | 9.8 | 4.5 |
| Machinery..... | 1.8 | 1.4 | 2.9 | 1.9 | 2.4 | 1.8 | 5.5 | 2.4 |
| Electrical equipment..... | 2.2 | 1.7 | 3.8 | 2.4 | 2.8 | .6 | 5.4 | 5.1 |
| Motor vehicles and equipment..... | 4.1 | 1.3 | 13.9 | 3.4 | 14.3 | 2.9 | 10.6 | 7.8 |
| All other transportation equipment..... | 1.6 | 1.3 | 4.9 | 2.9 | 4.6 | 2.4 | 7.0 | 6.0 |
| Other durable goods industries..... | 4.5 | 3.8 | 6.3 | 4.1 | 5.9 | 3.2 | 7.7 | 6.5 |
| Nondurable goods..... | 11.8 | 12.0 | 5.1 | 4.1 | 4.1 | 2.8 | 6.6 | 6.1 |
| Food and kindred products..... | 3.8 | 3.7 | 8.1 | 6.1 | 6.7 | 3.3 | 11.9 | 13.7 |
| Textile mill products..... | 1.5 | 1.5 | 5.4 | 3.7 | 4.3 | 2.4 | 6.7 | 5.2 |
| Apparel and other finished textile products..... | 1.9 | 2.6 | 5.0 | 5.6 | 8.2 | 5.5 | 4.2 | 5.7 |
| Other nondurable goods industries..... | 4.6 | 4.2 | 3.9 | 2.9 | 2.5 | 2.3 | 7.1 | 4.0 |
| Transportation and public utilities..... | 3.6 | 3.7 | 3.0 | 2.4 | 2.7 | 2.3 | 4.1 | 2.9 |
| Railroads and railway express..... | .5 | .5 | 2.9 | 2.4 | 3.1 | 2.0 | (1) | (1) |
| Other transportation..... | 1.8 | 2.4 | 3.5 | 3.5 | 3.6 | 3.3 | 2.9 | 4.8 |
| Communication and other public utilities..... | 1.3 | .8 | 2.6 | 1.2 | 1.2 | .9 | 4.9 | 1.6 |
| Wholesale and retail trade..... | 19.6 | 20.4 | 5.5 | 4.7 | 4.4 | 3.5 | 7.0 | 6.4 |
| Finance, insurance, and real estate..... | 2.0 | 2.4 | 2.1 | 2.1 | 1.2 | 1.5 | 3.0 | 2.6 |
| Service industries..... | 11.7 | 14.7 | 3.6 | 3.6 | 3.1 | 3.4 | 3.9 | 3.7 |
| Professional services..... | 4.0 | 3.8 | 2.4 | 1.9 | 1.8 | 1.2 | 2.8 | 2.3 |
| All other service industries..... | 7.7 | 10.9 | 4.8 | 5.2 | 4.2 | 5.1 | 5.2 | 5.3 |
| Agricultural wage and salary workers..... | 2.2 | 2.6 | 8.4 | 6.8 | 6.6 | 6.8 | 18.4 | 6.6 |
| All other classes of workers..... | 8.0 | 8.8 | 1.5 | 1.3 | 1.2 | 1.0 | 1.9 | 1.9 |
| No previous work experience..... | 9.9 | 11.1 | - | - | - | - | - | - |

1 Percent not shown where base is less than 100,000

HOUSEHOLD DATA

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

| Reason for unemployment | Total unemployed | | Male, 20 years and over | | Female, 20 years and over | | Both sexes, 16 to 19 years | | White | | Negro and other races | |
|--|------------------|-----------|-------------------------|-----------|---------------------------|-----------|----------------------------|-----------|-----------|-----------|-----------------------|-----------|
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| Unemployment level | | | | | | | | | | | | |
| Total unemployed, in thousands | 3,794 | 2,923 | 1,678 | 1,134 | 1,238 | 1,061 | 878 | 729 | 3,127 | 2,379 | 668 | 544 |
| Lost last job | 1,787 | 1,245 | 1,144 | 707 | 451 | 394 | 192 | 145 | 1,488 | 1,000 | 299 | 245 |
| Left last job | 473 | 409 | 185 | 167 | 200 | 153 | 88 | 89 | 390 | 343 | 82 | 66 |
| Reentered labor force | 1,158 | 947 | 310 | 232 | 529 | 457 | 319 | 257 | 943 | 778 | 214 | 169 |
| Never worked before | 377 | 323 | 39 | 28 | 58 | 57 | 280 | 238 | 305 | 258 | 72 | 65 |
| Total unemployed, percent distribution . . | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Lost last job | 47.1 | 42.6 | 68.2 | 62.3 | 36.5 | 37.1 | 21.9 | 19.9 | 47.6 | 42.0 | 44.8 | 45.0 |
| Left last job | 12.5 | 14.0 | 11.0 | 14.7 | 16.1 | 14.4 | 10.0 | 12.2 | 12.5 | 14.4 | 12.3 | 12.1 |
| Reentered labor force | 30.5 | 32.4 | 18.5 | 20.5 | 42.7 | 43.1 | 36.3 | 35.3 | 30.2 | 32.7 | 32.1 | 31.0 |
| Never worked before | 9.9 | 11.0 | 2.3 | 2.4 | 4.7 | 5.4 | 31.8 | 32.7 | 9.7 | 10.9 | 10.7 | 11.9 |
| Unemployment rate | | | | | | | | | | | | |
| Total unemployment rate | 4.7 | 3.7 | 3.6 | 2.5 | 4.7 | 3.9 | 13.6 | 12.2 | 4.3 | 3.4 | 7.5 | 6.3 |
| Job-loser rate ¹ | 2.2 | 1.6 | 2.5 | 1.6 | 5.1 | 1.5 | 2.9 | 2.4 | 2.1 | 1.4 | 3.4 | 2.8 |
| Job-leaver rate ¹ | .6 | .5 | .4 | .4 | .7 | .6 | 1.4 | 1.5 | .5 | .5 | .9 | .8 |
| Reentrant rate ¹ | 1.4 | 1.2 | .7 | .5 | 1.9 | 1.7 | 5.0 | 4.3 | 1.3 | 1.1 | 2.4 | 1.9 |
| New entrant rate ¹ | .5 | .4 | .1 | .1 | .2 | .2 | 4.3 | 4.0 | .4 | .4 | .8 | .7 |

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

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

February 1970
(Percent distribution)

| Reason, sex, and age | Total unemployed | | Duration of unemployment | | | | |
|--------------------------------------|----------------------|---------|--------------------------|---------------|-------------------|----------------|-------------------|
| | Thousands of persons | Percent | Less than 5 weeks | 5 to 14 weeks | 15 weeks and over | 15 to 26 weeks | 27 weeks and over |
| Total, 16 years and over | 3,794 | 100.0 | 50.8 | 35.5 | 13.7 | 9.4 | 4.3 |
| Lost last job | 1,787 | 100.0 | 43.8 | 42.0 | 14.2 | 9.9 | 4.3 |
| Left last job | 473 | 100.0 | 56.9 | 28.3 | 14.8 | 8.5 | 6.3 |
| Reentered labor force | 1,158 | 100.0 | 58.0 | 30.3 | 11.7 | 8.5 | 3.2 |
| Never worked before | 377 | 100.0 | 54.5 | 29.0 | 16.5 | 11.4 | 5.1 |
| Male, 20 years and over | 1,678 | 100.0 | 44.6 | 40.8 | 14.6 | 9.1 | 5.5 |
| Lost last job | 1,144 | 100.0 | 42.2 | 42.5 | 15.2 | 10.0 | 5.2 |
| Left last job | 185 | 100.0 | 54.1 | 30.8 | 15.1 | 4.3 | 10.8 |
| Reentered labor force | 310 | 100.0 | 48.7 | 39.4 | 11.9 | 8.7 | 3.2 |
| Never worked before | 39 | 100.0 | (1) | (1) | (1) | (1) | (1) |
| Female, 20 years and over | 1,238 | 100.0 | 57.1 | 30.4 | 12.5 | 9.2 | 3.3 |
| Lost last job | 451 | 100.0 | 45.7 | 39.5 | 14.9 | 11.8 | 3.1 |
| Left last job | 200 | 100.0 | 58.8 | 27.6 | 13.6 | 10.1 | 3.5 |
| Reentered labor force | 529 | 100.0 | 65.7 | 24.3 | 10.0 | 6.6 | 3.4 |
| Never worked before | 58 | 100.0 | (1) | (1) | (1) | (1) | (1) |
| Both sexes, 16 to 19 years | 878 | 100.0 | 53.8 | 32.4 | 13.8 | 10.5 | 3.3 |
| Lost last job | 192 | 100.0 | 49.0 | 45.3 | 5.7 | 5.2 | .5 |
| Left last job | 88 | 100.0 | (1) | (1) | (1) | (1) | (1) |
| Reentered labor force | 319 | 100.0 | 54.7 | 31.3 | 14.1 | 11.6 | 2.5 |
| Never worked before | 280 | 100.0 | 54.6 | 27.1 | 18.2 | 12.5 | 5.7 |

¹Percent not shown where base is less than 100,000.

HOUSEHOLD DATA

A-14: Unemployed persons by duration of unemployment

| Duration of unemployment | Total | | | | Household head | | | |
|------------------------------|-----------|-----------|----------------------|-----------|----------------|-----------|----------------------|-----------|
| | Thousands | | Percent distribution | | Thousands | | Percent distribution | |
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| Total..... | 3,794 | 2,923 | 100.0 | 100.0 | 1,432 | 1,045 | 100.0 | 100.0 |
| Less than 5 weeks..... | 1,928 | 1,427 | 50.8 | 48.0 | 618 | 424 | 43.1 | 40.5 |
| 5 to 14 weeks..... | 1,346 | 1,104 | 35.5 | 37.8 | 591 | 461 | 41.3 | 44.1 |
| 15 to 26 weeks..... | 1,044 | 869 | 27.5 | 29.7 | 434 | 353 | 30.3 | 33.7 |
| 27 weeks and over..... | 302 | 235 | 8.0 | 8.0 | 157 | 108 | 11.0 | 10.3 |
| 15 weeks and over..... | 520 | 393 | 13.7 | 13.4 | 223 | 160 | 15.6 | 15.4 |
| 15 to 26 weeks..... | 358 | 277 | 9.4 | 9.5 | 135 | 118 | 9.4 | 11.3 |
| 27 weeks and over..... | 162 | 115 | 4.3 | 3.9 | 89 | 43 | 6.2 | 4.1 |
| Average (mean) duration..... | 8.2 | 8.0 | - | - | 9.7 | 9.2 | - | - |

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

February 1970

| Sex, age, color, and marital status | Thousands of persons | | | | | Less than 5 weeks as a percent of unemployed in group | | 15 weeks and over as a percent of unemployed in group | |
|---|----------------------|-------------------|---------------|----------------|-------------------|---|-----------|---|-----------|
| | Total | Less than 5 weeks | 5 to 14 weeks | 15 to 26 weeks | 27 weeks and over | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| | | | | | | | | | |
| Total | 3,794 | 1,928 | 1,346 | 358 | 162 | 50.8 | 48.8 | 13.7 | 13.4 |
| 16 to 21 years..... | 1,280 | 702 | 414 | 120 | 43 | 54.9 | 56.5 | 12.8 | 11.6 |
| 16 to 19 years..... | 878 | 473 | 284 | 92 | 29 | 53.9 | 56.3 | 13.8 | 12.3 |
| 20 to 24 years..... | 857 | 483 | 294 | 57 | 23 | 56.3 | 54.8 | 9.3 | 9.8 |
| 25 to 44 years..... | 1,201 | 628 | 424 | 94 | 55 | 52.3 | 47.7 | 12.4 | 12.2 |
| 45 years and over..... | 859 | 344 | 343 | 115 | 56 | 40.1 | 37.4 | 20.0 | 19.4 |
| Male | 2,178 | 1,019 | 863 | 192 | 104 | 46.8 | 42.6 | 13.6 | 14.6 |
| 16 to 21 years..... | 713 | 385 | 258 | 53 | 17 | 54.0 | 51.9 | 9.7 | 12.8 |
| 16 to 19 years..... | 500 | 270 | 178 | 40 | 12 | 54.0 | 53.3 | 10.3 | 14.4 |
| 20 to 24 years..... | 470 | 250 | 181 | 26 | 13 | 53.1 | 47.7 | 8.3 | 10.3 |
| 25 to 44 years..... | 686 | 319 | 283 | 52 | 32 | 46.5 | 39.8 | 12.2 | 12.5 |
| 45 years and over..... | 522 | 179 | 220 | 75 | 48 | 34.3 | 30.3 | 23.6 | 20.2 |
| Female | 1,616 | 909 | 482 | 166 | 58 | 56.3 | 55.7 | 13.9 | 12.2 |
| 16 to 21 years..... | 567 | 317 | 156 | 68 | 26 | 55.9 | 61.7 | 16.6 | 10.2 |
| 16 to 19 years..... | 378 | 203 | 106 | 52 | 17 | 53.6 | 60.0 | 18.3 | 9.6 |
| 20 to 24 years..... | 387 | 233 | 113 | 31 | 10 | 60.2 | 62.1 | 10.7 | 9.2 |
| 25 to 44 years..... | 514 | 309 | 140 | 42 | 23 | 60.1 | 54.7 | 12.6 | 11.9 |
| 45 years and over..... | 337 | 165 | 123 | 40 | 9 | 49.1 | 46.6 | 14.4 | 18.3 |
| White: Total | 3,127 | 1,628 | 1,093 | 291 | 115 | 52.1 | 49.2 | 13.0 | 13.7 |
| Male..... | 1,823 | 862 | 709 | 167 | 85 | 47.3 | 43.6 | 13.8 | 14.6 |
| Female..... | 1,304 | 766 | 384 | 124 | 30 | 58.8 | 55.6 | 11.8 | 12.7 |
| Negro and other races: Total | 668 | 300 | 253 | 67 | 47 | 45.0 | 47.2 | 17.1 | 12.2 |
| Male..... | 356 | 157 | 155 | 25 | 18 | 44.2 | 37.8 | 12.3 | 14.3 |
| Female..... | 312 | 143 | 99 | 42 | 29 | 45.8 | 56.5 | 22.6 | 10.0 |
| Male: Married, wife present | 1,050 | 456 | 438 | 96 | 59 | 43.5 | 37.9 | 14.8 | 15.9 |
| Widowed, divorced, or separated..... | 167 | 68 | 73 | 19 | 8 | 40.8 | 39.9 | 15.9 | 14.2 |
| Single (never married)..... | 961 | 494 | 353 | 77 | 37 | 51.4 | 47.9 | 11.9 | 13.2 |
| Female: Married, husband present | 834 | 516 | 225 | 71 | 23 | 61.9 | 55.2 | 11.2 | 12.4 |
| Widowed, divorced, or separated..... | 285 | 135 | 110 | 28 | 13 | 47.3 | 56.9 | 14.4 | 9.7 |
| Single (never married)..... | 496 | 258 | 148 | 67 | 22 | 52.1 | 56.0 | 18.1 | 13.3 |

HOUSEHOLD DATA

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

February 1970

| Occupation and industry | Thousands of persons | | | | | Less than 5 weeks as a percent of unemployed in group | | 15 weeks and over as a percent of unemployed in group | |
|--|----------------------|----------------------|------------------|-------------------|-------------------------|---|------|---|------|
| | Total | Less than 5 weeks | 5 to 14 weeks | 15 to 26 weeks | 27 weeks and over | Feb. | Feb. | Feb. | Feb. |
| | | | | | | 1970 | 1969 | 1970 | 1969 |
| OCCUPATION | | | | | | | | | |
| White-collar workers..... | 974 | 536 | 309 | 66 | 63 | 55.1 | 53.9 | 13.2 | 13.4 |
| Professional and managerial..... | 270 | 121 | 96 | 23 | 28 | 44.8 | 52.3 | 18.9 | 14.0 |
| Clerical workers..... | 502 | 294 | 146 | 34 | 28 | 58.5 | 58.7 | 12.4 | 11.2 |
| Sales workers..... | 202 | 121 | 67 | 9 | 6 | 60.0 | 45.0 | 7.0 | 17.9 |
| Blue-collar workers..... | 1,843 | 885 | 738 | 171 | 48 | 48.0 | 41.3 | 11.9 | 13.2 |
| Craftsmen and foremen..... | 391 | 150 | 192 | 38 | 10 | 38.5 | 38.3 | 12.3 | 12.3 |
| Operatives..... | 1,066 | 555 | 374 | 108 | 30 | 52.0 | 44.9 | 12.9 | 13.7 |
| Nonfarm laborers..... | 386 | 180 | 173 | 25 | 8 | 46.7 | 34.9 | 8.6 | 13.1 |
| Service workers..... | 529 | 274 | 163 | 61 | 31 | 51.8 | 56.7 | 17.3 | 11.5 |
| INDUSTRY ¹ | | | | | | | | | |
| Agriculture..... | 84 | 28 | 36 | 18 | 1 | (2) | (2) | (2) | (2) |
| Construction..... | 500 | 186 | 278 | 29 | 8 | 37.1 | 28.7 | 7.3 | 14.7 |
| Manufacturing..... | 1,125 | 581 | 377 | 108 | 59 | 51.6 | 45.9 | 14.8 | 12.3 |
| Durable goods..... | 678 | 361 | 236 | 51 | 29 | 53.3 | 43.7 | 11.9 | 11.3 |
| Nondurable goods..... | 447 | 220 | 141 | 57 | 29 | 49.1 | 48.2 | 19.2 | 13.4 |
| Transportation and public utilities..... | 154 | 80 | 46 | 21 | 7 | 51.8 | 47.2 | 18.4 | 15.6 |
| Wholesale and retail trade..... | 746 | 425 | 245 | 57 | 19 | 56.9 | 49.6 | 10.3 | 15.5 |
| Finance and service industries..... | 641 | 339 | 202 | 63 | 38 | 52.9 | 58.1 | 15.8 | 11.3 |
| Public administration..... | 88 | 49 | 22 | 12 | 4 | (2) | (2) | (2) | (2) |
| No previous work experience..... | 377 | 206 | 109 | 43 | 19 | 54.5 | 55.2 | 16.6 | 15.8 |

¹Includes wage and salary workers only.

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

A-17: Employed persons by sex and age

(In thousands)

| Age and type of industry | Total | | Male | | Female | |
|---|--------|--------|--------|--------|--------|--------|
| | Feb. | Feb. | Feb. | Feb. | Feb. | Feb. |
| | 1970 | 1969 | 1970 | 1969 | 1970 | 1969 |
| All industries | 77,489 | 76,181 | 48,000 | 47,697 | 29,489 | 28,484 |
| 16 to 19 years..... | 5,563 | 5,236 | 3,002 | 2,920 | 2,561 | 2,316 |
| 16 and 17 years..... | 2,274 | 2,085 | 1,256 | 1,235 | 1,018 | 849 |
| 18 and 19 years..... | 3,289 | 3,151 | 1,746 | 1,685 | 1,543 | 1,466 |
| 20 to 24 years..... | 9,280 | 8,904 | 4,884 | 4,690 | 4,397 | 4,215 |
| 25 to 54 years..... | 48,590 | 48,100 | 31,121 | 31,150 | 17,470 | 16,949 |
| 25 to 34 years..... | 16,185 | 15,697 | 10,772 | 10,594 | 5,414 | 5,103 |
| 35 to 44 years..... | 16,028 | 16,131 | 10,220 | 10,424 | 5,808 | 5,707 |
| 45 to 54 years..... | 16,377 | 16,271 | 10,129 | 10,132 | 6,248 | 6,139 |
| 55 to 64 years..... | 10,942 | 10,839 | 6,907 | 6,850 | 4,035 | 3,989 |
| 55 to 59 years..... | 6,519 | 6,469 | 4,067 | 4,015 | 2,452 | 2,455 |
| 60 to 64 years..... | 4,423 | 4,370 | 2,840 | 2,836 | 1,583 | 1,535 |
| 65 years and over..... | 3,113 | 3,102 | 2,086 | 2,086 | 1,027 | 1,015 |
| Nonagricultural industries | 74,495 | 72,896 | 45,454 | 44,920 | 29,041 | 27,975 |
| 16 to 19 years..... | 5,322 | 4,989 | 2,786 | 2,700 | 2,536 | 2,289 |
| 16 and 17 years..... | 2,140 | 1,949 | 1,141 | 1,113 | 999 | 836 |
| 18 and 19 years..... | 3,182 | 3,040 | 1,645 | 1,587 | 1,537 | 1,453 |
| 20 to 24 years..... | 9,107 | 8,703 | 4,739 | 4,520 | 4,368 | 4,183 |
| 25 to 54 years..... | 47,052 | 46,426 | 29,856 | 29,798 | 17,195 | 16,627 |
| 25 to 34 years..... | 15,779 | 15,265 | 10,427 | 10,247 | 5,352 | 5,018 |
| 35 to 44 years..... | 15,520 | 15,567 | 9,805 | 9,965 | 5,715 | 5,601 |
| 45 to 54 years..... | 15,752 | 15,594 | 9,625 | 9,586 | 6,128 | 6,008 |
| 55 to 64 years..... | 10,318 | 10,141 | 6,367 | 6,254 | 3,951 | 3,887 |
| 55 to 59 years..... | 6,195 | 6,080 | 3,796 | 3,695 | 2,399 | 2,386 |
| 60 to 64 years..... | 4,122 | 4,061 | 2,571 | 2,559 | 1,551 | 1,502 |
| 65 years and over..... | 2,697 | 2,636 | 1,706 | 1,648 | 991 | 988 |
| Agriculture | 2,994 | 3,285 | 2,546 | 2,777 | 448 | 508 |
| 16 to 19 years..... | 241 | 247 | 216 | 220 | 25 | 26 |
| 16 and 17 years..... | 134 | 136 | 115 | 123 | 19 | 13 |
| 18 and 19 years..... | 107 | 111 | 101 | 98 | 6 | 13 |
| 20 to 24 years..... | 173 | 201 | 145 | 170 | 28 | 32 |
| 25 to 54 years..... | 1,538 | 1,674 | 1,264 | 1,352 | 274 | 321 |
| 25 to 34 years..... | 406 | 432 | 345 | 347 | 61 | 86 |
| 35 to 44 years..... | 507 | 565 | 415 | 459 | 93 | 106 |
| 45 to 54 years..... | 625 | 677 | 504 | 547 | 121 | 131 |
| 55 to 64 years..... | 624 | 698 | 540 | 596 | 84 | 102 |
| 55 to 59 years..... | 324 | 389 | 271 | 320 | 53 | 69 |
| 60 to 64 years..... | 300 | 309 | 269 | 276 | 31 | 33 |
| 65 years and over..... | 416 | 465 | 380 | 439 | 36 | 27 |

HOUSEHOLD DATA

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

(In thousands)

| Occupation | Total | | Male, 20 years and over | | Female, 20 years and over | | Male, 16-19 years | | Female, 16-19 years | |
|--|-----------|-----------|-------------------------|-----------|---------------------------|-----------|-------------------|-----------|---------------------|-----------|
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| Total | 77,489 | 76,181 | 44,998 | 44,777 | 26,928 | 26,168 | 3,002 | 2,920 | 2,561 | 2,316 |
| White-collar workers | 37,939 | 36,283 | 19,339 | 18,698 | 16,490 | 15,710 | 658 | 605 | 1,451 | 1,270 |
| Professional and technical | 11,229 | 10,837 | 6,703 | 6,616 | 4,365 | 4,079 | 80 | 75 | 81 | 66 |
| Medical and other health | 1,732 | 1,668 | 613 | 619 | 1,100 | 1,033 | 5 | 2 | 14 | 15 |
| Teachers, except college..... | 2,629 | 2,438 | 823 | 743 | 1,799 | 1,688 | 4 | 1 | 4 | 6 |
| Other professional and technical | 6,868 | 6,731 | 5,266 | 5,254 | 1,466 | 1,358 | 71 | 72 | 64 | 45 |
| Managers, officials, and proprietors | 8,145 | 7,750 | 6,874 | 6,488 | 1,238 | 1,220 | 27 | 31 | 6 | 11 |
| Salaried workers | 5,928 | 5,514 | 5,022 | 4,663 | 875 | 813 | 27 | 28 | 4 | 10 |
| Self-employed workers in retail trade..... | 1,098 | 1,102 | 856 | 847 | 240 | 252 | 1 | 1 | - | 1 |
| Self-employed workers, except retail trade | 1,119 | 1,134 | 995 | 977 | 123 | 155 | - | 2 | 1 | 9 |
| Clerical workers | 13,909 | 13,228 | 3,308 | 3,151 | 9,216 | 8,802 | 319 | 303 | 1,067 | 972 |
| Stenographers, typists, and secretaries..... | 3,514 | 3,383 | 60 | 42 | 3,150 | 3,042 | 1 | 1 | 304 | 297 |
| Other clerical workers | 10,395 | 9,845 | 3,248 | 3,108 | 6,066 | 5,760 | 318 | 301 | 763 | 676 |
| Sales workers..... | 4,656 | 4,469 | 2,455 | 2,443 | 1,672 | 1,609 | 232 | 196 | 297 | 221 |
| Retail trade..... | 2,794 | 2,648 | 861 | 878 | 1,459 | 1,406 | 190 | 154 | 283 | 210 |
| Other sales workers | 1,862 | 1,821 | 1,594 | 1,565 | 213 | 203 | 42 | 42 | 14 | 10 |
| Blue-collar workers | 27,265 | 27,336 | 20,772 | 20,942 | 4,591 | 4,569 | 1,649 | 1,592 | 254 | 233 |
| Craftsmen and foremen | 9,826 | 9,989 | 9,324 | 9,446 | 291 | 297 | 202 | 235 | 9 | 11 |
| Carpenters | 787 | 850 | 770 | 820 | 1 | 4 | 16 | 27 | - | - |
| Construction craftsmen, except carpenters | 1,733 | 1,811 | 1,696 | 1,764 | 4 | 10 | 32 | 37 | 1 | - |
| Mechanics and repairmen | 2,747 | 2,769 | 2,633 | 2,646 | 17 | 25 | 93 | 96 | 3 | 2 |
| Metal craftsmen, except mechanics | 1,257 | 1,259 | 1,229 | 1,216 | 13 | 19 | 14 | 23 | - | 1 |
| Other craftsmen and kindred workers..... | 1,848 | 1,825 | 1,648 | 1,637 | 154 | 134 | 42 | 46 | 5 | 8 |
| Foremen, not elsewhere classified | 1,454 | 1,476 | 1,348 | 1,365 | 101 | 105 | 6 | 5 | - | - |
| Operatives | 14,048 | 14,112 | 8,805 | 8,992 | 4,199 | 4,147 | 817 | 775 | 227 | 198 |
| Drivers and deliverymen | 2,511 | 2,580 | 2,238 | 2,407 | 114 | 79 | 152 | 91 | 7 | 3 |
| Other operatives | 11,537 | 11,532 | 6,566 | 6,586 | 4,084 | 4,068 | 665 | 684 | 220 | 195 |
| Durable goods manufacturing | 4,759 | 4,774 | 3,183 | 3,221 | 1,343 | 1,312 | 159 | 186 | 73 | 55 |
| Nondurable goods manufacturing | 3,946 | 3,866 | 1,636 | 1,570 | 2,072 | 2,057 | 139 | 131 | 98 | 108 |
| Other industries | 2,832 | 2,892 | 1,747 | 1,795 | 669 | 699 | 367 | 367 | 49 | 32 |
| Nonfarm laborers..... | 3,391 | 3,236 | 2,643 | 2,504 | 101 | 125 | 629 | 583 | 18 | 25 |
| Construction | 684 | 651 | 608 | 584 | - | 5 | 77 | 62 | - | - |
| Manufacturing | 996 | 1,037 | 804 | 849 | 60 | 70 | 128 | 115 | 4 | 3 |
| Other industries | 1,711 | 1,548 | 1,231 | 1,071 | 41 | 50 | 425 | 405 | 14 | 21 |
| Service workers | 9,574 | 9,557 | 2,750 | 2,785 | 5,481 | 5,471 | 506 | 511 | 838 | 790 |
| Private household workers | 1,680 | 1,697 | 26 | 32 | 1,292 | 1,345 | 14 | 17 | 348 | 304 |
| Service workers, except private household .. | 7,894 | 7,860 | 2,724 | 2,753 | 4,189 | 4,126 | 491 | 495 | 490 | 486 |
| Protective service workers | 949 | 931 | 900 | 873 | 42 | 42 | 6 | 10 | 1 | 6 |
| Waiters, cooks, and bartenders | 2,083 | 2,017 | 393 | 404 | 1,338 | 1,306 | 119 | 114 | 233 | 194 |
| Other service workers | 4,862 | 4,911 | 1,431 | 1,476 | 2,809 | 2,778 | 367 | 371 | 256 | 286 |
| Farm workers | 2,711 | 3,005 | 2,137 | 2,353 | 366 | 418 | 190 | 212 | 18 | 22 |
| Farmers and farm managers | 1,674 | 1,783 | 1,584 | 1,694 | 87 | 79 | 3 | 10 | 1 | |
| Farm laborers and foremen | 1,037 | 1,222 | 553 | 659 | 280 | 339 | 186 | 202 | 17 | 22 |
| Paid workers | 703 | 810 | 513 | 609 | 75 | 75 | 106 | 119 | 8 | 8 |
| Unpaid family workers | 334 | 412 | 40 | 50 | 204 | 264 | 80 | 83 | 9 | 14 |

HOUSEHOLD DATA

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

(Percent distribution)

| Occupation group and color | Total | | Male | | Female | |
|--|--------------|--------------|--------------|--------------|--------------|--------------|
| | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| Total | | | | | | |
| Total employed (thousands) | 77,489 | 76,181 | 48,000 | 47,697 | 29,489 | 28,484 |
| Percent | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| White-collar workers | 49.0 | 47.6 | 41.7 | 40.5 | 60.8 | 59.6 |
| Professional and technical | 14.5 | 14.2 | 14.1 | 14.0 | 15.1 | 14.6 |
| Managers, officials, and proprietors | 10.5 | 10.2 | 14.4 | 13.7 | 4.2 | 4.3 |
| Clerical workers | 17.9 | 17.4 | 7.6 | 7.2 | 34.9 | 34.3 |
| Sales workers | 6.0 | 5.9 | 5.6 | 5.5 | 6.7 | 6.4 |
| Blue-collar workers | 35.2 | 35.9 | 46.7 | 47.2 | 16.4 | 16.9 |
| Craftsmen and foremen | 12.7 | 13.1 | 19.8 | 20.3 | 1.0 | 1.1 |
| Operatives | 18.1 | 18.5 | 20.0 | 20.5 | 15.0 | 15.3 |
| Nonfarm laborers | 4.4 | 4.2 | 6.8 | 6.5 | .4 | .5 |
| Service workers | 12.4 | 12.5 | 6.8 | 6.9 | 21.4 | 22.0 |
| Private household workers | 2.2 | 2.2 | .1 | .1 | 5.6 | 5.8 |
| Other service workers | 10.2 | 10.3 | 6.7 | 6.8 | 15.9 | 16.2 |
| Farm workers | 3.5 | 3.9 | 4.8 | 5.4 | 1.3 | 1.5 |
| Farmers and farm managers | 2.2 | 2.3 | 3.3 | 3.6 | .3 | .3 |
| Farm laborers and foremen | 1.3 | 1.6 | 1.5 | 1.8 | 1.0 | 1.3 |
| White | | | | | | |
| Total employed (thousands) | 69,220 | 68,052 | 43,299 | 43,070 | 25,921 | 24,982 |
| Percent | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| White-collar workers | 51.4 | 50.2 | 43.8 | 42.6 | 64.2 | 63.2 |
| Professional and technical | 15.1 | 14.9 | 14.9 | 14.8 | 15.6 | 15.1 |
| Managers, officials, and proprietors | 11.4 | 11.0 | 15.4 | 14.7 | 4.6 | 4.7 |
| Clerical workers | 18.4 | 17.9 | 7.5 | 7.2 | 36.8 | 36.4 |
| Sales workers | 6.5 | 6.3 | 6.0 | 5.9 | 7.3 | 7.0 |
| Blue-collar workers | 34.4 | 35.1 | 45.4 | 45.9 | 16.1 | 16.4 |
| Craftsmen and foremen | 13.3 | 13.6 | 20.5 | 20.9 | 1.1 | 1.1 |
| Operatives | 17.5 | 18.0 | 19.1 | 19.7 | 14.7 | 14.9 |
| Nonfarm laborers | 3.7 | 3.5 | 5.7 | 5.2 | .3 | .4 |
| Service workers | 10.6 | 10.7 | 6.0 | 6.1 | 18.3 | 18.7 |
| Private household workers | 1.5 | 1.4 | .1 | .1 | 3.8 | 3.7 |
| Other service workers | 9.2 | 9.3 | 6.0 | 6.0 | 14.6 | 15.0 |
| Farm workers | 3.6 | 4.0 | 4.9 | 5.4 | 1.4 | 1.6 |
| Farmers and farm managers | 2.3 | 2.5 | 3.5 | 3.8 | .3 | .3 |
| Farm laborers and foremen | 1.2 | 1.5 | 1.3 | 1.6 | 1.1 | 1.4 |
| Negro and other races | | | | | | |
| Total employed (thousands) | 8,269 | 8,128 | 4,701 | 4,627 | 3,569 | 3,501 |
| Percent | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| White-collar workers | 28.4 | 26.2 | 22.3 | 20.5 | 36.4 | 33.8 |
| Professional and technical | 9.2 | 8.6 | 7.4 | 7.3 | 11.6 | 10.4 |
| Managers, officials, and proprietors | 3.4 | 2.9 | 4.7 | 3.8 | 1.7 | 1.7 |
| Clerical workers | 13.9 | 12.6 | 8.5 | 7.3 | 20.9 | 19.6 |
| Sales workers | 2.0 | 2.1 | 1.7 | 2.2 | 2.3 | 2.1 |
| Blue-collar workers | 41.8 | 42.6 | 59.2 | 59.7 | 19.0 | 19.9 |
| Craftsmen and foremen | 7.9 | 8.6 | 13.4 | 14.5 | .6 | .9 |
| Operatives | 23.8 | 23.2 | 28.5 | 27.3 | 17.5 | 17.8 |
| Nonfarm laborers | 10.2 | 10.7 | 17.3 | 17.9 | .8 | 1.2 |
| Service workers | 26.7 | 27.8 | 13.7 | 14.4 | 43.9 | 45.6 |
| Private household workers | 8.1 | 9.1 | .3 | .4 | 18.5 | 20.7 |
| Other service workers | 18.6 | 18.7 | 13.4 | 14.0 | 25.4 | 24.9 |
| Farm workers | 3.0 | 3.4 | 4.9 | 5.3 | .6 | .8 |
| Farmers and farm managers | .9 | .9 | 1.4 | 1.4 | .2 | .3 |
| Farm laborers and foremen | 2.1 | 2.5 | 3.4 | 3.9 | .5 | .5 |

HOUSEHOLD DATA

A-20: Employed persons by class of worker, sex, and age
 February 1970
 (In thousands)

| Age and sex | Nonagricultural industries | | | | | | Agriculture | | |
|------------------------|----------------------------|---------------------------|------------|--------|---------------|-----------------------|-------------------------|---------------|-----------------------|
| | Wage and salary workers | | | | Self employed | Unpaid family workers | Wage and salary workers | Self employed | Unpaid family workers |
| | Total | Private household workers | Government | Other | | | | | |
| Total | 68,992 | 1,782 | 12,465 | 54,745 | 5,065 | 438 | 907 | 1,734 | 353 |
| 16 to 19 years..... | 5,247 | 379 | 464 | 4,405 | 52 | 23 | 141 | 9 | 91 |
| 16 and 17 years..... | 2,099 | 301 | 150 | 1,648 | 33 | 8 | 70 | 3 | 61 |
| 18 and 19 years..... | 3,148 | 78 | 314 | 2,756 | 19 | 15 | 71 | 6 | 30 |
| 20 to 24 years..... | 8,956 | 93 | 1,487 | 7,376 | 135 | 15 | 109 | 39 | 26 |
| 25 to 34 years..... | 14,951 | 170 | 2,660 | 12,121 | 781 | 47 | 172 | 203 | 31 |
| 35 to 44 years..... | 14,315 | 216 | 2,719 | 11,380 | 1,110 | 94 | 149 | 287 | 71 |
| 45 to 54 years..... | 14,222 | 308 | 2,905 | 11,009 | 1,363 | 168 | 151 | 404 | 71 |
| 55 to 64 years..... | 9,203 | 390 | 1,901 | 6,913 | 1,052 | 63 | 134 | 441 | 50 |
| 55 to 59 years..... | 5,529 | 197 | 1,129 | 4,203 | 623 | 44 | 78 | 217 | 28 |
| 60 to 64 years..... | 3,674 | 192 | 772 | 2,710 | 429 | 19 | 56 | 223 | 21 |
| 65 years and over..... | 2,096 | 227 | 329 | 1,541 | 572 | 29 | 52 | 351 | 13 |
| Male | 41,592 | 114 | 6,843 | 34,635 | 3,824 | 38 | 782 | 1,641 | 123 |
| 16 to 19 years..... | 2,738 | 32 | 185 | 2,520 | 33 | 15 | 126 | 9 | 81 |
| 16 and 17 years..... | 1,111 | 25 | 75 | 1,010 | 23 | 7 | 60 | 3 | 52 |
| 18 and 19 years..... | 1,627 | 7 | 110 | 1,510 | 10 | 9 | 66 | 6 | 29 |
| 20 to 24 years..... | 4,657 | 4 | 630 | 4,024 | 74 | 7 | 91 | 37 | 17 |
| 25 to 34 years..... | 9,845 | 9 | 1,540 | 8,296 | 577 | 4 | 150 | 192 | 4 |
| 35 to 44 years..... | 8,923 | 3 | 1,562 | 7,357 | 880 | 2 | 124 | 282 | 9 |
| 45 to 54 years..... | 8,558 | 14 | 1,660 | 6,884 | 1,066 | 1 | 122 | 376 | 6 |
| 55 to 64 years..... | 5,579 | 21 | 1,066 | 4,492 | 786 | 2 | 120 | 418 | 1 |
| 55 to 59 years..... | 3,327 | 9 | 633 | 2,686 | 468 | 1 | 70 | 201 | - |
| 60 to 64 years..... | 2,252 | 13 | 433 | 1,807 | 319 | 1 | 50 | 218 | 1 |
| 65 years and over..... | 1,292 | 31 | 200 | 1,061 | 407 | 7 | 49 | 327 | 5 |
| Female | 27,400 | 1,667 | 5,622 | 20,100 | 1,242 | 400 | 126 | 93 | 229 |
| 16 to 19 years..... | 2,510 | 346 | 279 | 1,884 | 19 | 7 | 15 | 1 | 9 |
| 16 and 17 years..... | 988 | 275 | 75 | 638 | 10 | 2 | 10 | 1 | 8 |
| 18 and 19 years..... | 1,522 | 71 | 205 | 1,246 | 9 | 6 | 5 | - | 1 |
| 20 to 24 years..... | 4,299 | 89 | 858 | 3,352 | 61 | 8 | 18 | 2 | 9 |
| 25 to 34 years..... | 5,106 | 161 | 1,120 | 3,825 | 204 | 42 | 22 | 12 | 28 |
| 35 to 44 years..... | 5,392 | 213 | 1,156 | 4,023 | 230 | 92 | 26 | 5 | 62 |
| 45 to 54 years..... | 5,664 | 294 | 1,245 | 4,125 | 297 | 167 | 29 | 28 | 64 |
| 55 to 64 years..... | 3,624 | 368 | 835 | 2,421 | 266 | 61 | 13 | 22 | 48 |
| 55 to 59 years..... | 2,202 | 189 | 496 | 1,517 | 155 | 43 | 8 | 17 | 28 |
| 60 to 64 years..... | 1,422 | 180 | 339 | 903 | 111 | 18 | 6 | 5 | 20 |
| 65 years and over..... | 804 | 196 | 128 | 480 | 165 | 22 | 3 | 25 | 9 |

HOUSEHOLD DATA

A-21: Employed persons with a job but not at work by reason, pay status, and sex

(In thousands)

| Reason not working | All industries | | Nonagricultural industries | | | | | |
|--------------------------|----------------|--------------|----------------------------|--------------|--------------------------------------|--------------|-----------------------------|--------------|
| | Feb. 1970 | Feb. 1969 | Total | | Wage and salary workers ¹ | | | |
| | | | Feb. 1970 | Feb. 1969 | Paid absence ² | | Unpaid absence ² | |
| | | | | | Feb. 1970 | Feb. 1969 | Feb. 1970 | Feb. 1969 |
| Total | 3,429 | 3,151 | 3,227 | 2,942 | 1,067 | 1,000 | 1,699 | 1,517 |
| Vacation | 588 | 594 | 565 | 574 | 342 | 386 | 141 | 103 |
| Illness | 1,878 | 1,424 | 1,811 | 1,356 | 633 | 444 | 970 | 767 |
| Bad weather | 277 | 497 | 207 | 411 | - | - | - | - |
| Industrial dispute | 38 | 88 | 38 | 88 | - | - | - | - |
| All other reasons | 648 | 549 | 607 | 513 | 92 | 170 | 588 | 647 |
| Male | 2,104 | 2,049 | 1,913 | 1,849 | 720 | 693 | 907 | 876 |
| Vacation | 405 | 406 | 384 | 387 | 251 | 283 | 68 | 42 |
| Illness | 1,077 | 872 | 1,015 | 805 | 409 | 291 | 502 | 444 |
| All other reasons | 621 | 771 | 513 | 657 | 59 | 119 | 337 | 390 |
| Female | 1,325 | 1,101 | 1,315 | 1,093 | 347 | 308 | 792 | 642 |
| Vacation | 182 | 187 | 181 | 187 | 90 | 103 | 73 | 62 |
| Illness | 801 | 552 | 795 | 551 | 225 | 153 | 468 | 323 |
| All other reasons | 341 | 362 | 339 | 355 | 32 | 52 | 251 | 257 |

¹Excludes private household.

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

A-22: Persons at work by type of industry and hours of work

February 1970

| Hours of work | Thousands of persons | | | Percent distribution | | |
|---|----------------------|----------------------------|-------------|----------------------|----------------------------|-------------|
| | All industries | Nonagricultural industries | Agriculture | All industries | Nonagricultural industries | Agriculture |
| Total at work | 74,060 | 71,268 | 2,792 | 100.0 | 100.0 | 100.0 |
| 1-34 hours | 18,652 | 17,562 | 1,088 | 25.2 | 24.6 | 39.0 |
| 1-4 hours | 804 | 758 | 45 | 1.1 | 1.1 | 1.6 |
| 5-14 hours | 3,943 | 3,651 | 291 | 5.3 | 5.1 | 10.4 |
| 15-29 hours | 8,688 | 8,093 | 595 | 11.7 | 11.4 | 21.3 |
| 30-34 hours | 5,217 | 5,060 | 157 | 7.0 | 7.1 | 5.6 |
| 35 hours and over | 55,408 | 53,705 | 1,704 | 74.8 | 75.4 | 61.0 |
| 35-39 hours | 4,903 | 4,731 | 173 | 6.6 | 6.6 | 6.2 |
| 40 hours | 29,797 | 29,518 | 279 | 40.2 | 41.4 | 10.0 |
| 41 hours and over | 20,708 | 19,456 | 1,252 | 28.0 | 27.3 | 44.8 |
| 41 to 48 hours | 8,870 | 8,602 | 269 | 12.0 | 12.1 | 9.6 |
| 49 to 59 hours | 6,589 | 6,213 | 376 | 8.9 | 8.7 | 13.5 |
| 60 hours and over | 5,249 | 4,641 | 607 | 7.1 | 6.5 | 21.7 |
| Average hours, total at work | 38.7 | 38.6 | 40.8 | - | - | - |
| Average hours, workers on full-time schedules | 43.0 | 42.7 | 50.3 | - | - | - |

HOUSEHOLD DATA

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

February 1970

(In thousands)

| Reasons working part time | All industries | | | Nonagricultural industries | | |
|---|----------------|------------------------|------------------------|----------------------------|------------------------|------------------------|
| | Total | Usually work full time | Usually work part time | Total | Usually work full time | Usually work part time |
| Total..... | 18,652 | 7,177 | 11,474 | 17,562 | 6,708 | 10,855 |
| Economic reasons..... | 2,117 | 1,299 | 818 | 1,811 | 1,088 | 723 |
| Slack work..... | 1,356 | 1,068 | 288 | 1,084 | 865 | 219 |
| Material shortages or repairs to plant and equipment..... | 42 | 42 | -- | 41 | 41 | -- |
| New job started during week..... | 142 | 142 | -- | 138 | 138 | -- |
| Job terminated during week..... | 47 | 47 | -- | 44 | 44 | -- |
| Could find only part-time work..... | 530 | -- | 530 | 503 | -- | 503 |
| Other reasons..... | 16,535 | 5,879 | 10,656 | 15,750 | 5,618 | 10,132 |
| Does not want, or unavailable for, full-time work..... | 8,592 | -- | 8,592 | 8,209 | -- | 8,209 |
| Vacation..... | 309 | 309 | -- | 303 | 303 | -- |
| Illness..... | 2,435 | 2,215 | 220 | 2,364 | 2,176 | 188 |
| Bad weather..... | 659 | 659 | -- | 482 | 482 | -- |
| Industrial dispute..... | 38 | 38 | -- | 38 | 38 | -- |
| Legal or religious holiday..... | 1,599 | 1,599 | -- | 1,599 | 1,599 | -- |
| Full time for this job..... | 1,372 | -- | 1,372 | 1,328 | -- | 1,328 |
| All other reasons..... | 1,531 | 1,058 | 473 | 1,430 | 1,023 | 407 |
| Average hours: | | | | | | |
| Economic reasons..... | 21.5 | 23.9 | 17.7 | 21.8 | 24.5 | 17.8 |
| Other reasons..... | 20.6 | 26.1 | 17.5 | 20.7 | 26.4 | 17.5 |
| Worked 30 to 34 hours: | | | | | | |
| Economic reasons..... | 662 | 542 | 120 | 618 | 502 | 116 |
| Other reasons..... | 4,555 | 3,041 | 1,514 | 4,442 | 2,981 | 1,461 |

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

February 1970

| Industry | Percent distribution | | | | | | | Average hours, total at work | Average hours, workers on full-time schedules |
|---|----------------------|-----------------------------------|------------------------|------------------------|------------------|----------------|------------------|------------------------------|---|
| | Total at work | On part time for economic reasons | On voluntary part time | On full-time schedules | | | | | |
| | | | | Total | 40 hours or less | 41 to 48 hours | 49 hours or more | | |
| Total ^{1/} | 100.0 | 2.5 | 14.2 | 83.2 | 55.9 | 12.1 | 15.2 | 38.6 | 42.7 |
| Wage and salary workers ... | 100.0 | 2.5 | 14.0 | 83.4 | 58.1 | 12.1 | 13.2 | 38.1 | 42.1 |
| Construction ... | 100.0 | 5.2 | 4.1 | 90.7 | 68.7 | 10.5 | 11.5 | 38.2 | 40.1 |
| Manufacturing | 100.0 | 2.7 | 3.0 | 94.2 | 67.7 | 14.4 | 12.1 | 40.6 | 41.7 |
| Durable goods | 100.0 | 2.0 | 2.0 | 96.0 | 68.9 | 14.9 | 12.2 | 41.0 | 41.8 |
| Nondurable goods | 100.0 | 3.8 | 4.5 | 91.8 | 66.1 | 13.7 | 12.0 | 39.9 | 41.5 |
| Transportation and public utilities | 100.0 | 1.9 | 6.6 | 91.5 | 63.2 | 12.9 | 15.4 | 40.7 | 42.7 |
| Wholesale and retail trade | 100.0 | 2.5 | 25.4 | 72.0 | 42.7 | 14.0 | 15.3 | 36.6 | 43.6 |
| Finance, insurance, and real estate | 100.0 | .9 | 10.6 | 88.6 | 66.3 | 9.6 | 12.7 | 38.4 | 41.0 |
| Service industries | 100.0 | 2.6 | 25.4 | 72.0 | 49.4 | 9.5 | 13.1 | 35.2 | 42.4 |
| Private households | 100.0 | 10.3 | 54.8 | 34.9 | 23.6 | 4.3 | 7.0 | 23.6 | 42.0 |
| All other service | 100.0 | 1.7 | 22.3 | 76.0 | 52.2 | 10.0 | 13.8 | 36.4 | 42.4 |
| Public administration | 100.0 | .4 | 5.9 | 93.6 | 73.0 | 8.9 | 11.7 | 39.6 | 41.1 |
| Self-employed workers | 100.0 | 3.9 | 14.1 | 82.0 | 27.7 | 11.7 | 42.6 | 45.2 | 51.5 |
| Unpaid family workers | 100.0 | .5 | 42.5 | 57.1 | 26.7 | 7.1 | 23.3 | 37.0 | 47.9 |

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

HOUSEHOLD DATA

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

February 1970

| Age, sex, color and marital status | Total at work | On part time for economic reasons | On voluntary part time | On full-time schedules | | | Average hours, total at work | Average hours, workers on full-time schedules |
|---|---------------|-----------------------------------|------------------------|------------------------|------------------|------------------|------------------------------|---|
| | | | | Total | 40 hours or less | 41 hours or more | | |
| (In thousands) | | | | | | | | |
| TOTAL | | | | | | | | |
| Total, 16 years and over..... | 71,268 | 1,811 | 10,132 | 59,325 | 39,869 | 19,456 | 38.6 | 42.7 |
| 16 to 21 years | 8,369 | 297 | 3,685 | 4,387 | 3,486 | 901 | 28.2 | 40.0 |
| 16 to 19 years | 5,165 | 178 | 2,932 | 2,055 | 1,654 | 401 | 24.8 | 39.7 |
| 16 and 17 years | 2,078 | 42 | 1,758 | 278 | 229 | 49 | 16.8 | 38.2 |
| 18 and 19 years | 3,087 | 135 | 1,174 | 1,778 | 1,426 | 352 | 30.2 | 40.0 |
| 20 years and over | 66,102 | 1,634 | 7,200 | 57,268 | 38,212 | 19,056 | 39.7 | 42.8 |
| 20 to 24 years | 8,785 | 266 | 1,350 | 7,169 | 5,379 | 1,790 | 36.7 | 41.0 |
| 25 years and over | 57,318 | 1,367 | 5,851 | 50,100 | 32,835 | 17,265 | 40.1 | 43.0 |
| 25 to 44 years | 30,113 | 681 | 2,775 | 26,657 | 17,116 | 9,541 | 40.6 | 43.3 |
| 45 to 64 years | 24,724 | 603 | 2,128 | 21,993 | 14,784 | 7,209 | 40.3 | 42.7 |
| 65 years and over | 2,481 | 83 | 947 | 1,451 | 936 | 515 | 32.4 | 43.4 |
| Males, 16 years and over | 43,541 | 888 | 3,333 | 39,320 | 23,615 | 15,705 | 41.6 | 44.1 |
| 16 to 21 years | 4,188 | 132 | 1,914 | 2,142 | 1,548 | 594 | 28.9 | 40.9 |
| 16 to 19 years | 2,711 | 82 | 1,567 | 1,062 | 791 | 271 | 25.7 | 40.6 |
| 16 and 17 years | 1,109 | 23 | 918 | 168 | 138 | 30 | 18.5 | 38.6 |
| 18 and 19 years | 1,601 | 59 | 648 | 894 | 653 | 241 | 30.7 | 40.9 |
| 20 years and over | 40,831 | 806 | 1,766 | 38,259 | 22,825 | 15,434 | 42.6 | 44.2 |
| 20 to 24 years | 4,568 | 119 | 627 | 3,822 | 2,560 | 1,262 | 38.4 | 42.4 |
| 25 years and over | 36,263 | 685 | 1,139 | 34,439 | 20,268 | 14,171 | 43.1 | 44.4 |
| 25 to 44 years | 19,548 | 355 | 333 | 18,860 | 10,708 | 8,152 | 44.0 | 44.8 |
| 45 to 64 years | 15,164 | 284 | 283 | 14,597 | 8,953 | 5,644 | 43.0 | 43.9 |
| 65 years and over | 1,552 | 46 | 523 | 983 | 607 | 376 | 33.9 | 43.5 |
| Females, 16 years and over | 27,726 | 923 | 6,799 | 20,004 | 16,252 | 3,752 | 33.9 | 40.0 |
| 16 to 21 years | 4,181 | 165 | 1,771 | 2,245 | 1,939 | 306 | 27.6 | 39.1 |
| 16 to 19 years | 2,455 | 95 | 1,365 | 995 | 865 | 130 | 23.8 | 38.9 |
| 16 and 17 years | 969 | 19 | 840 | 110 | 90 | 20 | 14.8 | 37.6 |
| 18 and 19 years | 1,486 | 76 | 526 | 884 | 774 | 110 | 29.6 | 39.0 |
| 20 years and over | 25,272 | 828 | 5,434 | 19,010 | 15,387 | 3,623 | 34.9 | 40.0 |
| 20 to 24 years | 4,217 | 146 | 723 | 3,348 | 2,820 | 528 | 34.9 | 39.4 |
| 25 years and over | 21,054 | 683 | 4,712 | 15,659 | 12,564 | 3,095 | 34.9 | 40.2 |
| 25 to 44 years | 10,564 | 326 | 2,443 | 7,795 | 6,407 | 1,388 | 34.3 | 39.6 |
| 45 to 64 years | 9,561 | 319 | 1,844 | 7,398 | 5,833 | 1,565 | 36.1 | 40.6 |
| 65 years and over | 929 | 38 | 424 | 467 | 327 | 140 | 30.0 | 43.3 |
| COLOR | | | | | | | | |
| White | 63,729 | 1,349 | 9,201 | 53,179 | 34,983 | 18,196 | 38.8 | 43.0 |
| Male | 39,347 | 704 | 3,038 | 35,605 | 20,803 | 14,802 | 41.9 | 44.4 |
| Female | 24,381 | 645 | 6,163 | 17,573 | 14,179 | 3,394 | 33.9 | 40.0 |
| Negro and other races | 7,539 | 462 | 931 | 6,146 | 4,886 | 1,260 | 36.6 | 40.6 |
| Male | 4,194 | 184 | 295 | 3,715 | 2,813 | 902 | 38.7 | 41.3 |
| Female | 3,345 | 278 | 636 | 2,431 | 2,073 | 358 | 34.0 | 39.5 |
| MARITAL STATUS | | | | | | | | |
| Male: | | | | | | | | |
| Married, wife present | 34,414 | 591 | 1,017 | 32,806 | 19,061 | 13,745 | 43.4 | 44.5 |
| Widowed, divorced, or separated | 2,135 | 66 | 131 | 1,938 | 1,203 | 735 | 41.2 | 43.4 |
| Single (never married) | 6,992 | 231 | 2,185 | 4,576 | 3,352 | 1,224 | 33.0 | 41.7 |
| Female: | | | | | | | | |
| Married, husband present | 16,361 | 499 | 4,107 | 11,755 | 9,684 | 2,071 | 33.9 | 39.7 |
| Widowed, divorced, or separated | 5,168 | 223 | 823 | 4,122 | 3,193 | 929 | 36.3 | 40.5 |
| Single (never married) | 6,198 | 201 | 1,869 | 4,128 | 3,377 | 751 | 31.7 | 40.3 |

HOUSEHOLD DATA

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

February 1970

| Age, sex, color and marital status | Total at work | On part time for economic reasons | On voluntary part time | On full-time schedules | | |
|--|---------------|-----------------------------------|------------------------|------------------------|------------------|------------------|
| | | | | Total | 40 hours or less | 41 hours or more |
| (Percent distribution) | | | | | | |
| TOTAL | | | | | | |
| Total, 16 years and over..... | 100.0 | 2.5 | 14.2 | 83.2 | 55.9 | 27.3 |
| 16 to 21 years..... | 100.0 | 3.5 | 44.0 | 52.5 | 41.7 | 10.8 |
| 16 to 19 years..... | 100.0 | 3.4 | 56.8 | 39.8 | 32.0 | 7.8 |
| 16 and 17 years..... | 100.0 | 2.0 | 84.6 | 13.4 | 11.0 | 2.4 |
| 18 and 19 years..... | 100.0 | 4.4 | 38.0 | 57.6 | 46.2 | 11.4 |
| 20 years and over..... | 100.0 | 2.5 | 10.9 | 86.6 | 57.8 | 28.8 |
| 20 to 24 years..... | 100.0 | 3.0 | 15.4 | 81.6 | 61.2 | 20.4 |
| 25 years and over..... | 100.0 | 2.4 | 10.2 | 87.4 | 57.3 | 30.1 |
| 25 to 44 years..... | 100.0 | 2.3 | 9.2 | 88.5 | 56.8 | 31.7 |
| 45 to 64 years..... | 100.0 | 2.4 | 8.6 | 89.0 | 59.8 | 29.2 |
| 65 years and over..... | 100.0 | 3.3 | 38.2 | 58.5 | 37.7 | 20.8 |
| Males, 16 years and over..... | 100.0 | 2.0 | 7.7 | 90.3 | 54.2 | 36.1 |
| 16 to 21 years..... | 100.0 | 3.2 | 45.7 | 51.2 | 37.0 | 14.2 |
| 16 and 19 years..... | 100.0 | 3.0 | 57.8 | 39.2 | 29.2 | 10.0 |
| 16 and 17 years..... | 100.0 | 2.1 | 82.8 | 15.1 | 12.4 | 2.7 |
| 18 and 19 years..... | 100.0 | 3.7 | 40.5 | 55.9 | 40.8 | 15.1 |
| 20 years and over..... | 100.0 | 2.0 | 4.3 | 93.7 | 55.9 | 37.8 |
| 20 to 24 years..... | 100.0 | 2.6 | 13.7 | 83.6 | 56.0 | 27.6 |
| 25 years and over..... | 100.0 | 1.9 | 3.1 | 95.0 | 55.9 | 39.1 |
| 25 to 44 years..... | 100.0 | 1.8 | 1.7 | 96.5 | 54.8 | 41.7 |
| 45 to 64 years..... | 100.0 | 1.9 | 1.9 | 96.2 | 59.0 | 37.2 |
| 65 years and over..... | 100.0 | 3.0 | 33.7 | 63.3 | 39.1 | 24.2 |
| Females, 16 years and over..... | 100.0 | 3.3 | 24.5 | 72.1 | 58.6 | 13.5 |
| 16 to 21 years..... | 100.0 | 3.9 | 42.4 | 53.7 | 46.4 | 7.3 |
| 16 to 19 years..... | 100.0 | 3.9 | 55.6 | 40.5 | 35.2 | 5.3 |
| 16 and 17 years..... | 100.0 | 2.0 | 86.7 | 11.4 | 9.3 | 2.1 |
| 18 and 19 years..... | 100.0 | 5.1 | 35.4 | 59.5 | 52.1 | 7.4 |
| 20 years and over..... | 100.0 | 3.3 | 21.5 | 75.2 | 60.9 | 14.3 |
| 20 to 24 years..... | 100.0 | 3.5 | 17.1 | 79.4 | 66.9 | 12.5 |
| 25 years and over..... | 100.0 | 3.2 | 22.4 | 74.4 | 59.7 | 14.7 |
| 25 to 44 years..... | 100.0 | 3.1 | 23.1 | 73.7 | 60.6 | 13.1 |
| 45 to 64 years..... | 100.0 | 3.3 | 19.3 | 77.4 | 61.0 | 16.4 |
| 65 years and over..... | 100.0 | 4.1 | 45.6 | 50.3 | 35.2 | 15.1 |
| COLOR | | | | | | |
| White..... | 100.0 | 2.1 | 14.4 | 83.5 | 54.9 | 28.6 |
| Male..... | 100.0 | 1.8 | 7.7 | 90.5 | 52.9 | 37.6 |
| Female..... | 100.0 | 2.6 | 25.3 | 72.1 | 58.2 | 13.9 |
| Negro and other races..... | 100.0 | 6.1 | 12.3 | 81.5 | 64.8 | 16.7 |
| Male..... | 100.0 | 4.4 | 7.0 | 88.6 | 67.1 | 21.5 |
| Female..... | 100.0 | 8.3 | 19.0 | 72.7 | 62.0 | 10.7 |
| MARITAL STATUS | | | | | | |
| Male: | | | | | | |
| Married, wife present..... | 100.0 | 1.7 | 3.0 | 95.3 | 55.4 | 39.9 |
| Widowed, divorced, or separated..... | 100.0 | 3.1 | 6.1 | 90.7 | 56.3 | 34.4 |
| Single (never married)..... | 100.0 | 3.3 | 31.2 | 65.4 | 47.9 | 17.5 |
| Female: | | | | | | |
| Married, husband present..... | 100.0 | 3.0 | 25.1 | 71.9 | 59.2 | 12.7 |
| Widowed, divorced, or separated..... | 100.0 | 4.3 | 15.9 | 79.8 | 61.8 | 18.0 |
| Single (never married)..... | 100.0 | 3.2 | 30.2 | 66.6 | 54.5 | 12.1 |

HOUSEHOLD DATA

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

February 1970

| Occupation group and sex | Total at work | On part time for economic reasons | On voluntary part time | On full-time schedules | | | | Average hours, total at work | Average hours, workers on full-time schedules |
|---|---------------|-----------------------------------|------------------------|------------------------|------------------|----------------|------------------|------------------------------|---|
| | | | | Total | 40 hours or less | 41 to 48 hours | 49 hours or more | | |
| | | | | (Thousands of persons) | | | | | |
| TOTAL | | | | | | | | | |
| White-collar workers..... | 36,574 | 384 | 5,358 | 30,832 | 19,931 | 4,168 | 6,733 | 39.5 | 43.4 |
| Professional and technical..... | 10,897 | 57 | 1,392 | 9,448 | 5,840 | 1,366 | 2,242 | 40.0 | 43.7 |
| Managers, officials, and proprietors..... | 7,789 | 80 | 313 | 7,396 | 3,156 | 1,207 | 3,033 | 47.0 | 48.4 |
| Clerical workers..... | 13,439 | 159 | 2,464 | 10,816 | 9,091 | 1,106 | 619 | 35.6 | 39.6 |
| Sales workers..... | 4,448 | 89 | 1,188 | 3,171 | 1,842 | 490 | 839 | 36.7 | 44.3 |
| Blue-collar workers..... | 25,808 | 1,034 | 1,727 | 23,047 | 16,079 | 3,627 | 3,341 | 39.5 | 41.8 |
| Craftsmen and foremen..... | 9,330 | 253 | 262 | 8,815 | 5,823 | 1,521 | 1,471 | 41.3 | 42.5 |
| Operatives..... | 13,296 | 594 | 939 | 11,763 | 8,409 | 1,757 | 1,597 | 39.3 | 41.7 |
| Nonfarm laborers..... | 3,181 | 187 | 526 | 2,468 | 1,846 | 349 | 273 | 34.9 | 40.2 |
| Service workers..... | 9,146 | 406 | 3,098 | 5,642 | 3,950 | 851 | 841 | 32.6 | 42.5 |
| Private household..... | 1,595 | 158 | 888 | 549 | 369 | 72 | 108 | 23.5 | 41.9 |
| Other service workers..... | 7,551 | 247 | 2,210 | 5,094 | 3,583 | 779 | 732 | 34.5 | 42.6 |
| MALE | | | | | | | | | |
| White-collar workers..... | 19,337 | 152 | 1,361 | 17,824 | 9,387 | 2,847 | 5,590 | 43.7 | 45.9 |
| Professional and technical..... | 6,600 | 31 | 441 | 6,128 | 3,490 | 915 | 1,723 | 43.0 | 45.0 |
| Managers, officials, and proprietors..... | 6,621 | 67 | 158 | 6,396 | 2,566 | 1,068 | 2,762 | 47.9 | 48.9 |
| Clerical workers..... | 3,513 | 24 | 429 | 3,060 | 2,222 | 478 | 360 | 38.6 | 41.6 |
| Sales workers..... | 2,603 | 31 | 332 | 2,240 | 1,109 | 385 | 746 | 41.8 | 45.8 |
| Blue-collar workers..... | 21,269 | 692 | 1,316 | 19,261 | 12,787 | 3,240 | 3,234 | 40.2 | 42.4 |
| Craftsmen and foremen..... | 9,044 | 237 | 219 | 8,588 | 5,646 | 1,480 | 1,462 | 41.5 | 42.5 |
| Operatives..... | 9,152 | 276 | 595 | 8,281 | 5,363 | 1,416 | 1,502 | 40.8 | 42.9 |
| Nonfarm laborers..... | 3,073 | 179 | 502 | 2,392 | 1,778 | 344 | 270 | 35.1 | 40.3 |
| Service workers..... | 3,134 | 54 | 684 | 2,396 | 1,511 | 390 | 495 | 37.7 | 44.4 |
| Private household..... | 40 | 3 | 24 | 13 | 8 | 2 | 3 | 23.6 | 45.6 |
| Other service workers..... | 3,094 | 51 | 659 | 2,384 | 1,504 | 388 | 492 | 37.8 | 44.4 |
| FEMALE | | | | | | | | | |
| White-collar workers..... | 17,237 | 232 | 3,997 | 13,008 | 10,544 | 1,321 | 1,143 | 34.7 | 40.1 |
| Professional and technical..... | 4,298 | 25 | 951 | 3,322 | 2,352 | 451 | 519 | 35.6 | 41.2 |
| Managers, officials, and proprietors..... | 1,168 | 13 | 155 | 1,000 | 590 | 139 | 271 | 41.9 | 45.7 |
| Clerical workers..... | 9,926 | 135 | 2,035 | 7,756 | 6,870 | 627 | 259 | 34.5 | 38.8 |
| Sales workers..... | 1,846 | 58 | 856 | 932 | 735 | 104 | 93 | 29.5 | 40.7 |
| Blue-collar workers..... | 4,539 | 342 | 411 | 3,786 | 3,291 | 387 | 108 | 35.9 | 38.7 |
| Craftsmen and foremen..... | 286 | 15 | 43 | 228 | 178 | 40 | 10 | 35.4 | 39.2 |
| Operatives..... | 4,144 | 318 | 344 | 3,482 | 3,046 | 341 | 95 | 36.0 | 38.7 |
| Nonfarm laborers..... | 109 | 8 | 23 | 78 | 70 | 5 | 3 | 31.5 | 38.7 |
| Service workers..... | 6,012 | 351 | 2,415 | 3,246 | 2,439 | 461 | 346 | 29.9 | 41.2 |
| Private household..... | 1,555 | 155 | 864 | 536 | 360 | 70 | 106 | 23.4 | 41.8 |
| Other service workers..... | 4,457 | 196 | 1,550 | 2,711 | 2,080 | 391 | 240 | 32.2 | 41.0 |

HOUSEHOLD DATA

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

February 1970

| Occupation group and sex | Total at work | On part time for economic reasons | On voluntary part time | On full-time schedules | | | |
|---|---------------|-----------------------------------|------------------------|------------------------|------------------|----------------|------------------|
| | | | | Total | 40 hours or less | 41 to 48 hours | 49 hours or more |
| (Percent distribution) | | | | | | | |
| TOTAL | | | | | | | |
| White-collar workers..... | 100.0 | 1.0 | 14.6 | 84.3 | 54.5 | 11.4 | 18.4 |
| Professional and technical..... | 100.0 | .5 | 12.8 | 86.7 | 53.6 | 12.5 | 20.6 |
| Managers, officials, and proprietors..... | 100.0 | 1.0 | 4.0 | 94.9 | 40.5 | 15.5 | 38.9 |
| Clerical workers..... | 100.0 | 1.2 | 18.3 | 80.4 | 67.6 | 8.2 | 4.6 |
| Sales workers..... | 100.0 | 2.0 | 26.7 | 71.3 | 41.4 | 11.0 | 18.9 |
| Blue-collar workers..... | 100.0 | 4.0 | 6.7 | 89.3 | 62.3 | 14.1 | 12.9 |
| Craftsmen and foremen..... | 100.0 | 2.7 | 2.8 | 94.5 | 62.4 | 16.3 | 15.8 |
| Operatives..... | 100.0 | 4.5 | 7.1 | 88.4 | 63.2 | 13.2 | 12.0 |
| Nonfarm laborers..... | 100.0 | 5.9 | 16.5 | 77.6 | 58.0 | 11.0 | 8.6 |
| Service workers..... | 100.0 | 4.4 | 33.9 | 61.7 | 43.2 | 9.3 | 9.2 |
| Private household..... | 100.0 | 9.9 | 55.7 | 34.4 | 23.1 | 4.5 | 6.8 |
| Other service workers..... | 100.0 | 3.3 | 29.3 | 67.5 | 47.5 | 10.3 | 9.7 |
| MALE | | | | | | | |
| White-collar workers..... | 100.0 | .8 | 7.0 | 92.1 | 48.5 | 14.7 | 28.9 |
| Professional and technical..... | 100.0 | .5 | 6.7 | 92.9 | 52.9 | 13.9 | 26.1 |
| Managers, officials, and proprietors..... | 100.0 | 1.0 | 2.4 | 96.6 | 38.8 | 16.1 | 41.7 |
| Clerical workers..... | 100.0 | .7 | 12.2 | 87.1 | 63.3 | 13.6 | 10.2 |
| Sales workers..... | 100.0 | 1.2 | 12.8 | 86.1 | 42.6 | 14.8 | 28.7 |
| Blue-collar workers..... | 100.0 | 3.3 | 6.2 | 90.5 | 60.1 | 15.2 | 15.2 |
| Craftsmen and foremen..... | 100.0 | 2.6 | 2.4 | 95.0 | 62.4 | 16.4 | 16.2 |
| Operatives..... | 100.0 | 3.0 | 6.5 | 90.5 | 58.6 | 15.5 | 16.4 |
| Nonfarm laborers..... | 100.0 | 5.8 | 16.3 | 77.9 | 57.9 | 11.2 | 8.8 |
| Service workers..... | 100.0 | 1.7 | 21.8 | 76.4 | 48.2 | 12.4 | 15.8 |
| Private household..... | 100.0 | 7.5 | 60.0 | 32.5 | 20.0 | 5.0 | 7.5 |
| Other service workers..... | 100.0 | 1.6 | 21.3 | 77.0 | 48.6 | 12.5 | 15.9 |
| FEMALE | | | | | | | |
| White-collar workers..... | 100.0 | 1.3 | 23.2 | 75.5 | 61.2 | 7.7 | 6.6 |
| Professional and technical..... | 100.0 | .6 | 22.1 | 77.3 | 54.7 | 10.5 | 12.1 |
| Managers, officials, and proprietors..... | 100.0 | 1.1 | 13.3 | 85.6 | 50.5 | 11.9 | 23.2 |
| Clerical workers..... | 100.0 | 1.4 | 20.5 | 78.1 | 69.2 | 6.3 | 2.6 |
| Sales workers..... | 100.0 | 3.1 | 46.4 | 50.4 | 39.8 | 5.6 | 5.0 |
| Blue-collar workers..... | 100.0 | 7.5 | 9.1 | 83.4 | 72.5 | 8.5 | 2.4 |
| Craftsmen and foremen..... | 100.0 | 5.2 | 15.0 | 79.7 | 62.2 | 14.0 | 3.5 |
| Operatives..... | 100.0 | 7.7 | 8.3 | 84.0 | 73.5 | 8.2 | 2.3 |
| Nonfarm laborers..... | 100.0 | 7.3 | 21.1 | 71.6 | 64.2 | 4.6 | 2.8 |
| Service workers..... | 100.0 | 5.8 | 40.2 | 54.1 | 40.6 | 7.7 | 5.8 |
| Private household..... | 100.0 | 10.0 | 55.6 | 34.5 | 23.2 | 4.5 | 6.8 |
| Other service workers..... | 100.0 | 4.4 | 34.8 | 60.9 | 46.7 | 8.8 | 5.4 |

HOUSEHOLD DATA

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

February 1970

(In thousands)

| Employment status | Total | | | White | | | Negro and other races | | |
|---|------------|-------|--------|------------|-------|--------|-----------------------|------|--------|
| | Both sexes | Male | Female | Both sexes | Male | Female | Both sexes | Male | Female |
| Civilian noninstitutional population..... | 7,931 | 4,020 | 3,910 | 6,814 | 3,466 | 3,349 | 1,116 | 555 | 562 |
| Civilian labor force..... | 1,219 | 657 | 562 | 1,143 | 610 | 533 | 76 | 47 | 29 |
| Employed..... | 1,102 | 578 | 525 | 1,052 | 547 | 505 | 51 | 31 | 20 |
| Agriculture..... | 81 | 67 | 14 | 78 | 64 | 14 | 3 | 3 | - |
| Nonagricultural industries..... | 1,021 | 511 | 510 | 974 | 483 | 491 | 47 | 28 | 19 |
| Unemployed..... | 117 | 80 | 38 | 92 | 63 | 28 | 26 | 16 | 10 |
| Not in labor force..... | 6,711 | 3,363 | 3,348 | 5,671 | 2,855 | 2,816 | 1,040 | 508 | 532 |
| Keeping house..... | 46 | 4 | 42 | 39 | 4 | 35 | 7 | - | 7 |
| Going to school..... | 6,570 | 3,298 | 3,272 | 5,548 | 2,799 | 2,750 | 1,022 | 499 | 523 |
| Unable to work..... | 7 | 4 | 3 | 4 | 3 | 1 | 2 | 1 | 1 |
| All other reasons..... | 88 | 57 | 31 | 79 | 50 | 30 | 9 | 8 | 1 |

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

February 1970

| Characteristics | Thousands of persons | | | Percent distribution | | |
|---|----------------------|------|--------|----------------------|-------|--------|
| | Both sexes | Male | Female | Both sexes | Male | Female |
| CLASS OF WORKER | | | | | | |
| Total..... | 1,102 | 578 | 525 | 100.0 | 100.0 | 100.0 |
| Nonagricultural industries..... | 1,021 | 511 | 510 | 92.6 | 88.6 | 97.3 |
| Wage and salary workers..... | 931 | 434 | 497 | 84.5 | 75.2 | 94.8 |
| Private household workers..... | 446 | 64 | 382 | 40.5 | 11.1 | 72.9 |
| Government workers..... | 27 | 16 | 11 | 2.5 | 2.8 | 2.1 |
| Other wage and salary workers..... | 458 | 354 | 104 | 41.6 | 61.4 | 19.8 |
| Self-employed workers..... | 82 | 72 | 10 | 7.4 | 12.5 | 1.9 |
| Unpaid family workers..... | 8 | 5 | 3 | .7 | .9 | .6 |
| Agriculture..... | 81 | 67 | 14 | 7.4 | 11.4 | 2.7 |
| Wage and salary workers..... | 31 | 28 | 3 | 2.8 | 4.9 | .6 |
| Self-employed workers..... | 3 | 2 | - | .3 | .3 | - |
| Unpaid family workers..... | 47 | 36 | 11 | 4.3 | 6.2 | 2.1 |
| OCCUPATION | | | | | | |
| Total..... | 1,102 | 578 | 525 | 100.0 | 100.0 | 100.0 |
| White-collar workers..... | 276 | 219 | 57 | 25.1 | 38.0 | 10.7 |
| Professional and technical..... | 10 | 4 | 6 | .9 | .7 | 1.1 |
| Managers, officials, and proprietors..... | 2 | 2 | - | .2 | .3 | - |
| Clerical workers..... | 44 | 18 | 26 | 4.0 | 3.1 | 5.0 |
| Sales workers..... | 220 | 196 | 24 | 20.0 | 33.9 | 4.6 |
| Blue-collar workers..... | 175 | 161 | 14 | 15.8 | 27.8 | 2.9 |
| Craftsmen and foremen..... | 11 | 9 | 2 | 1.0 | 1.6 | .4 |
| Operatives..... | 45 | 39 | 7 | 4.1 | 6.7 | 1.3 |
| Nonfarm laborers..... | 118 | 113 | 6 | 10.7 | 19.5 | 1.1 |
| Service workers..... | 576 | 134 | 442 | 52.3 | 23.1 | 84.4 |
| Private household workers..... | 405 | 26 | 379 | 36.8 | 4.5 | 72.3 |
| Other service workers..... | 171 | 108 | 63 | 15.5 | 18.7 | 12.0 |
| Farm workers..... | 75 | 63 | 12 | 6.8 | 11.1 | 2.1 |
| Farmers and farm managers..... | 3 | 3 | - | .3 | .5 | - |
| Farm laborers and foremen..... | 72 | 61 | 11 | 6.5 | 10.5 | 2.1 |

HOUSEHOLD DATA
SEASONALLY ADJUSTED

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

(In thousands)

| Employment status, sex, and age | 1970 | | | 1969 | | | | | | | | | |
|-----------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Feb. | Jan. | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. |
| Total | | | | | | | | | | | | | |
| Total labor force | 85,590 | 85,599 | 85,023 | 84,872 | 85,051 | 84,868 | 84,517 | 84,310 | 84,028 | 83,652 | 83,950 | 83,883 | 83,674 |
| Civilian labor force | 82,249 | 82,213 | 81,583 | 81,379 | 81,523 | 81,325 | 80,987 | 80,789 | 80,504 | 80,130 | 80,434 | 80,379 | 80,199 |
| Employed | 78,822 | 79,041 | 78,737 | 78,528 | 78,445 | 78,194 | 78,142 | 77,931 | 77,741 | 77,321 | 77,589 | 77,650 | 77,524 |
| Agriculture | 3,499 | 3,426 | 3,435 | 3,434 | 3,446 | 3,498 | 3,614 | 3,561 | 3,683 | 3,777 | 3,661 | 3,710 | 3,836 |
| Nonagricultural industries | 75,323 | 75,615 | 75,302 | 75,094 | 74,999 | 74,696 | 74,528 | 74,370 | 74,058 | 73,544 | 73,928 | 73,940 | 73,688 |
| On part time for economic reasons | 1,821 | 1,915 | 1,858 | 1,830 | 1,945 | 1,933 | 1,955 | 1,789 | 1,818 | 1,744 | 1,710 | 1,781 | 1,649 |
| Usually work full time | 1,044 | 1,036 | 1,046 | 1,005 | 1,017 | 1,046 | 1,040 | 888 | 974 | 905 | 881 | 953 | 864 |
| Usually work part time | 777 | 879 | 812 | 825 | 928 | 887 | 915 | 901 | 844 | 839 | 829 | 828 | 785 |
| Unemployed | 3,427 | 3,172 | 2,846 | 2,851 | 3,078 | 3,131 | 2,845 | 2,858 | 2,763 | 2,809 | 2,845 | 2,729 | 2,675 |
| Men, 20 years and over | | | | | | | | | | | | | |
| Total labor force | 49,707 | 49,736 | 49,534 | 49,544 | 49,642 | 49,642 | 49,488 | 49,405 | 49,334 | 49,290 | 49,294 | 49,336 | 49,259 |
| Civilian labor force | 46,836 | 46,826 | 46,578 | 46,531 | 46,599 | 46,586 | 46,443 | 46,338 | 46,236 | 46,194 | 46,203 | 46,255 | 46,203 |
| Employed | 45,534 | 45,674 | 45,553 | 45,533 | 45,511 | 45,465 | 45,485 | 45,335 | 45,303 | 45,251 | 45,282 | 45,374 | 45,323 |
| Agriculture | 2,479 | 2,473 | 2,499 | 2,482 | 2,575 | 2,593 | 2,670 | 2,646 | 2,676 | 2,713 | 2,678 | 2,701 | 2,720 |
| Nonagricultural industries | 43,055 | 43,201 | 43,054 | 43,051 | 42,936 | 42,872 | 42,815 | 42,689 | 42,627 | 42,538 | 42,604 | 42,673 | 42,603 |
| Unemployed | 1,302 | 1,152 | 1,025 | 998 | 1,088 | 1,121 | 958 | 1,003 | 933 | 943 | 921 | 881 | 880 |
| Women, 20 years and over | | | | | | | | | | | | | |
| Civilian labor force | 28,066 | 28,073 | 27,875 | 27,671 | 27,767 | 27,634 | 27,664 | 27,524 | 27,341 | 27,055 | 27,227 | 27,192 | 27,178 |
| Employed | 26,925 | 27,060 | 26,897 | 26,663 | 26,699 | 26,543 | 26,626 | 26,512 | 26,322 | 26,041 | 26,193 | 26,216 | 26,200 |
| Agriculture | 630 | 586 | 585 | 555 | 554 | 535 | 582 | 547 | 610 | 622 | 607 | 626 | 718 |
| Nonagricultural industries | 26,295 | 26,474 | 26,312 | 26,108 | 26,145 | 26,008 | 26,044 | 25,965 | 25,712 | 25,419 | 25,586 | 25,590 | 25,482 |
| Unemployed | 1,141 | 1,013 | 978 | 1,008 | 1,068 | 1,091 | 1,038 | 1,012 | 1,019 | 1,014 | 1,034 | 976 | 978 |
| Both sexes, 16-19 years | | | | | | | | | | | | | |
| Civilian labor force | 7,347 | 7,314 | 7,130 | 7,177 | 7,157 | 7,105 | 6,880 | 6,927 | 6,927 | 6,881 | 7,004 | 6,932 | 6,818 |
| Employed | 6,363 | 6,307 | 6,287 | 6,332 | 6,235 | 6,186 | 6,031 | 6,084 | 6,116 | 6,029 | 6,114 | 6,060 | 6,001 |
| Agriculture | 390 | 367 | 351 | 397 | 317 | 370 | 362 | 368 | 397 | 442 | 376 | 383 | 398 |
| Nonagricultural industries | 5,973 | 5,940 | 5,936 | 5,935 | 5,918 | 5,816 | 5,669 | 5,716 | 5,719 | 5,587 | 5,738 | 5,677 | 5,603 |
| Unemployed | 984 | 1,007 | 843 | 845 | 922 | 919 | 849 | 843 | 811 | 852 | 890 | 872 | 817 |

NOTE: Because of the independent seasonal adjustment of the various series, detail for the household data shown in tables A-29 through A-36 will not necessarily add to totals.

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

(Numbers in thousands)

| Full- and part-time employment status, sex, and age | 1970 | | | 1969 | | | | | | | | | |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Feb. | Jan. | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. |
| Full time | | | | | | | | | | | | | |
| Total, 16 years and over: | | | | | | | | | | | | | |
| Civilian labor force | 70,407 | 70,623 | 70,623 | 70,269 | 70,190 | 70,308 | 70,052 | 69,735 | 69,533 | 69,273 | 69,396 | 69,243 | 69,150 |
| Employed | 67,781 | 68,235 | 68,235 | 68,017 | 68,010 | 67,993 | 67,915 | 67,572 | 67,408 | 67,128 | 67,193 | 67,172 | 67,116 |
| Unemployed | 2,626 | 2,388 | 2,252 | 2,145 | 2,180 | 2,315 | 2,137 | 2,163 | 2,125 | 2,145 | 2,203 | 2,071 | 2,034 |
| Unemployment rate | 3.7 | 3.4 | 3.2 | 3.1 | 3.1 | 3.3 | 3.1 | 3.1 | 3.1 | 3.1 | 3.2 | 3.0 | 2.9 |
| Men, 20 years and over: | | | | | | | | | | | | | |
| Civilian labor force | 44,536 | 44,604 | 44,486 | 44,420 | 44,447 | 44,482 | 44,303 | 44,177 | 44,158 | 44,143 | 44,135 | 44,119 | 44,075 |
| Employed | 43,348 | 43,561 | 43,506 | 43,515 | 43,539 | 43,524 | 43,485 | 43,279 | 43,318 | 43,293 | 43,278 | 43,309 | 43,297 |
| Unemployed | 1,188 | 1,043 | 980 | 905 | 908 | 958 | 818 | 898 | 840 | 850 | 857 | 810 | 778 |
| Unemployment rate | 2.7 | 2.3 | 2.2 | 2.0 | 2.0 | 2.2 | 1.8 | 2.0 | 1.9 | 1.9 | 1.9 | 1.8 | 1.8 |
| Women, 20 years and over: | | | | | | | | | | | | | |
| Civilian labor force | 21,965 | 22,146 | 21,813 | 21,852 | 21,862 | 21,878 | 21,971 | 21,752 | 21,636 | 21,501 | 21,592 | 21,493 | 21,397 |
| Employed | 21,087 | 21,332 | 21,089 | 21,096 | 21,059 | 21,036 | 21,116 | 20,956 | 20,812 | 20,684 | 20,749 | 20,687 | 20,620 |
| Unemployed | 878 | 814 | 724 | 756 | 803 | 842 | 855 | 796 | 824 | 817 | 843 | 806 | 777 |
| Unemployment rate | 4.0 | 3.7 | 3.3 | 3.5 | 3.7 | 3.8 | 3.9 | 3.7 | 3.8 | 3.8 | 3.9 | 3.8 | 3.6 |
| Part time | | | | | | | | | | | | | |
| Total, 16 years and over: | | | | | | | | | | | | | |
| Civilian labor force | 11,634 | 11,803 | 11,360 | 11,261 | 11,314 | 11,072 | 11,032 | 10,883 | 10,899 | 10,844 | 10,954 | 10,892 | 10,821 |
| Employed | 10,828 | 10,946 | 10,677 | 10,580 | 10,539 | 10,301 | 10,272 | 10,212 | 10,297 | 10,165 | 10,300 | 10,222 | 10,175 |
| Unemployed | 806 | 857 | 683 | 681 | 775 | 771 | 760 | 671 | 602 | 679 | 654 | 670 | 646 |
| Unemployment rate | 6.9 | 7.3 | 6.0 | 6.0 | 6.9 | 7.0 | 6.9 | 6.2 | 5.5 | 6.3 | 6.0 | 6.2 | 6.0 |

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

HOUSEHOLD DATA SEASONALLY ADJUSTED

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

| Characteristics | 1970 | | 1969 | | | | | | | | | | |
|------------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Feb. | Jan. | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. |
| White | | | | | | | | | | | | | |
| Total: | | | | | | | | | | | | | |
| Civilian labor force | 73,169 | 73,159 | 72,589 | 72,392 | 72,447 | 72,261 | 71,835 | 71,733 | 71,513 | 71,332 | 71,553 | 71,536 | 71,327 |
| Employed | 70,406 | 70,558 | 70,266 | 70,093 | 69,930 | 69,733 | 69,548 | 69,447 | 69,361 | 69,103 | 69,316 | 69,349 | 69,196 |
| Unemployed | 2,763 | 2,601 | 2,323 | 2,299 | 2,517 | 2,528 | 2,287 | 2,286 | 2,152 | 2,229 | 2,237 | 2,187 | 2,131 |
| Unemployment rate | 3.8 | 3.6 | 3.2 | 3.2 | 3.5 | 3.5 | 3.2 | 3.2 | 3.0 | 3.1 | 3.1 | 3.1 | 3.0 |
| Males, 20 years and over: | | | | | | | | | | | | | |
| Civilian labor force | 42,194 | 42,133 | 41,953 | 41,959 | 41,956 | 41,965 | 41,838 | 41,724 | 41,645 | 41,624 | 41,648 | 41,726 | 41,677 |
| Employed | 41,115 | 41,165 | 41,122 | 41,130 | 41,022 | 41,044 | 41,052 | 40,890 | 40,875 | 40,840 | 40,897 | 40,988 | 40,954 |
| Unemployed | 1,079 | 968 | 831 | 829 | 934 | 921 | 786 | 834 | 770 | 784 | 751 | 738 | 723 |
| Unemployment rate | 2.6 | 2.3 | 2.0 | 2.0 | 2.2 | 2.2 | 1.9 | 2.0 | 1.8 | 1.9 | 1.8 | 1.8 | 1.7 |
| Females, 20 years and over: | | | | | | | | | | | | | |
| Civilian labor force | 24,437 | 24,504 | 24,243 | 24,053 | 24,174 | 23,979 | 23,973 | 23,894 | 23,760 | 23,607 | 23,685 | 23,648 | 23,611 |
| Employed | 23,520 | 23,665 | 23,429 | 23,245 | 23,308 | 23,116 | 23,136 | 23,108 | 22,955 | 22,818 | 22,900 | 22,890 | 22,833 |
| Unemployed | 917 | 839 | 814 | 808 | 866 | 863 | 837 | 786 | 805 | 789 | 785 | 758 | 778 |
| Unemployment rate | 3.8 | 3.4 | 3.4 | 3.4 | 3.6 | 3.6 | 3.5 | 3.3 | 3.4 | 3.3 | 3.3 | 3.2 | 3.3 |
| Both sexes, 16 to 19 years: | | | | | | | | | | | | | |
| Civilian labor force | 6,538 | 6,522 | 6,393 | 6,380 | 6,317 | 6,317 | 6,024 | 6,115 | 6,108 | 6,101 | 6,220 | 6,162 | 6,039 |
| Employed | 5,771 | 5,728 | 5,715 | 5,718 | 5,600 | 5,573 | 5,360 | 5,449 | 5,531 | 5,445 | 5,519 | 5,471 | 5,409 |
| Unemployed | 767 | 794 | 678 | 662 | 717 | 744 | 664 | 666 | 577 | 656 | 701 | 691 | 630 |
| Unemployment rate | 11.7 | 12.2 | 10.6 | 10.4 | 11.4 | 11.8 | 11.0 | 10.9 | 9.4 | 10.8 | 11.3 | 11.2 | 10.4 |
| Negro and other races | | | | | | | | | | | | | |
| Total: | | | | | | | | | | | | | |
| Civilian labor force | 9,160 | 9,259 | 9,115 | 9,042 | 9,011 | 8,962 | 9,061 | 8,920 | 8,888 | 8,834 | 8,880 | 8,930 | 8,905 |
| Employed | 8,520 | 8,675 | 8,598 | 8,484 | 8,419 | 8,366 | 8,479 | 8,339 | 8,287 | 8,270 | 8,259 | 8,384 | 8,377 |
| Unemployed | 640 | 584 | 517 | 558 | 592 | 596 | 582 | 581 | 601 | 564 | 621 | 546 | 528 |
| Unemployment rate | 7.0 | 6.3 | 5.7 | 6.2 | 6.6 | 6.7 | 6.4 | 6.5 | 6.8 | 6.4 | 7.0 | 6.1 | 5.9 |
| Males, 20 years and over: | | | | | | | | | | | | | |
| Civilian labor force | 4,675 | 4,731 | 4,657 | 4,602 | 4,607 | 4,599 | 4,611 | 4,571 | 4,573 | 4,557 | 4,517 | 4,560 | 4,550 |
| Employed | 4,461 | 4,550 | 4,480 | 4,430 | 4,424 | 4,409 | 4,442 | 4,398 | 4,397 | 4,399 | 4,351 | 4,413 | 4,399 |
| Unemployed | 214 | 181 | 177 | 172 | 183 | 190 | 169 | 173 | 176 | 158 | 166 | 147 | 151 |
| Unemployment rate | 4.6 | 3.8 | 3.8 | 3.7 | 4.0 | 4.1 | 3.7 | 3.8 | 3.8 | 3.5 | 3.7 | 3.2 | 3.3 |
| Females, 20 years and over: | | | | | | | | | | | | | |
| Civilian labor force | 3,656 | 3,676 | 3,664 | 3,608 | 3,576 | 3,595 | 3,638 | 3,554 | 3,529 | 3,503 | 3,573 | 3,549 | 3,561 |
| Employed | 3,440 | 3,497 | 3,502 | 3,412 | 3,373 | 3,372 | 3,412 | 3,333 | 3,316 | 3,296 | 3,310 | 3,336 | 3,366 |
| Unemployed | 216 | 179 | 162 | 196 | 203 | 223 | 226 | 221 | 213 | 207 | 263 | 213 | 195 |
| Unemployment rate | 5.9 | 4.9 | 4.4 | 5.4 | 5.7 | 6.2 | 6.2 | 6.2 | 6.0 | 5.9 | 7.4 | 6.0 | 5.5 |
| Both sexes, 16 to 19 years: | | | | | | | | | | | | | |
| Civilian labor force | 829 | 852 | 794 | 832 | 828 | 768 | 812 | 795 | 786 | 774 | 790 | 821 | 794 |
| Employed | 619 | 628 | 616 | 642 | 622 | 585 | 625 | 608 | 574 | 575 | 598 | 635 | 612 |
| Unemployed | 210 | 224 | 178 | 190 | 206 | 183 | 187 | 187 | 212 | 199 | 192 | 186 | 182 |
| Unemployment rate | 25.3 | 26.3 | 22.4 | 22.8 | 24.9 | 23.8 | 23.0 | 23.5 | 27.0 | 25.7 | 24.3 | 22.7 | 22.9 |

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-32: Major unemployment indicators, seasonally adjusted

(Unemployment rates)

| Selected categories | 1970 | | | | 1969 | | | | | | | | |
|--|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| | Feb. | Jan. | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. |
| Total (all civilian workers) | 4.2 | 3.9 | 3.5 | 3.5 | 3.8 | 3.8 | 3.5 | 3.5 | 3.4 | 3.5 | 3.5 | 3.4 | 3.3 |
| Men, 20 years and over | 2.8 | 2.5 | 2.2 | 2.1 | 2.3 | 2.4 | 2.1 | 2.2 | 2.0 | 2.0 | 2.0 | 1.9 | 1.9 |
| Women, 20 years and over | 4.1 | 3.6 | 3.5 | 3.6 | 3.8 | 3.9 | 3.8 | 3.7 | 3.7 | 3.7 | 3.8 | 3.6 | 3.6 |
| Both sexes, 16-19 years | 13.4 | 13.8 | 11.8 | 11.8 | 12.9 | 12.9 | 12.3 | 12.2 | 11.7 | 12.4 | 12.7 | 12.6 | 12.0 |
| White | 3.8 | 3.6 | 3.2 | 3.2 | 3.5 | 3.5 | 3.2 | 3.2 | 3.0 | 3.1 | 3.1 | 3.1 | 3.0 |
| Negro and other races | 7.0 | 6.3 | 5.7 | 6.2 | 6.6 | 6.7 | 6.4 | 6.5 | 6.8 | 6.4 | 7.0 | 6.1 | 5.9 |
| Married men | 2.0 | 1.8 | 1.7 | 1.5 | 1.6 | 1.7 | 1.5 | 1.6 | 1.5 | 1.5 | 1.5 | 1.4 | 1.4 |
| Full-time workers | 3.7 | 3.4 | 3.2 | 3.1 | 3.1 | 3.3 | 3.1 | 3.1 | 3.1 | 3.1 | 3.2 | 3.0 | 2.9 |
| Part-time workers | 6.9 | 7.3 | 6.0 | 6.0 | 6.9 | 7.0 | 6.9 | 6.2 | 5.5 | 6.3 | 6.0 | 6.2 | 6.0 |
| Unemployed 15 weeks and over ¹ | .6 | .5 | .5 | .5 | .4 | .5 | .5 | .5 | .5 | .5 | .5 | .4 | .4 |
| State insured ² | 2.7 | 2.5 | 2.4 | 2.4 | 2.2 | 2.2 | 2.1 | 2.2 | 2.1 | 2.0 | 2.1 | 2.1 | 2.2 |
| Labor force time lost ³ | 4.5 | 4.2 | 3.9 | 4.0 | 4.3 | 4.3 | 4.0 | 4.0 | 3.8 | 3.8 | 3.8 | 3.7 | 3.7 |
| Occupation | | | | | | | | | | | | | |
| White-collar workers | 2.3 | 2.1 | 2.1 | 2.1 | 2.4 | 2.2 | 2.2 | 2.2 | 2.1 | 2.0 | 1.8 | 2.0 | 1.9 |
| Professional and technical | 1.7 | 1.5 | 1.8 | 1.2 | 1.6 | 1.4 | 1.3 | 1.4 | 1.3 | 1.3 | 1.2 | 1.2 | 1.1 |
| Managers, officials, and proprietors | 1.0 | .9 | 1.0 | .9 | .9 | 1.0 | 1.0 | .9 | 1.0 | .9 | .8 | .9 | .9 |
| Clerical workers | 3.2 | 3.1 | 2.8 | 3.5 | 3.4 | 3.2 | 3.2 | 3.2 | 3.0 | 2.9 | 2.5 | 3.0 | 2.7 |
| Sales workers | 3.4 | 2.8 | 2.6 | 2.2 | 3.5 | 2.8 | 2.9 | 3.2 | 2.8 | 2.9 | 3.1 | 2.9 | 3.2 |
| Blue-collar workers | 5.0 | 4.6 | 4.3 | 4.2 | 4.2 | 4.4 | 3.8 | 3.8 | 3.7 | 3.8 | 4.0 | 3.7 | 3.6 |
| Craftsmen and foremen | 2.5 | 2.3 | 2.3 | 2.1 | 2.4 | 2.6 | 2.1 | 1.9 | 1.9 | 2.3 | 2.2 | 2.2 | 2.1 |
| Operatives | 6.0 | 5.1 | 5.0 | 4.9 | 4.9 | 4.7 | 4.2 | 4.2 | 4.3 | 4.1 | 4.6 | 3.9 | 4.2 |
| Nonfarm laborers | 7.7 | 8.5 | 7.4 | 6.9 | 6.5 | 7.6 | 6.8 | 7.1 | 6.1 | 6.5 | 6.8 | 6.9 | 5.7 |
| Service workers | 4.8 | 4.5 | 3.6 | 4.0 | 4.2 | 4.8 | 4.5 | 4.3 | 4.4 | 4.2 | 4.5 | 3.9 | 4.0 |
| Farm workers | 1.9 | 2.1 | 2.1 | 1.4 | 1.8 | 1.9 | 1.9 | 2.9 | 1.9 | 1.8 | 1.9 | 2.1 | 1.3 |
| Industry | | | | | | | | | | | | | |
| Private wage and salary workers ⁴ | 4.3 | 3.9 | 3.6 | 3.6 | 3.8 | 3.9 | 3.5 | 3.5 | 3.5 | 3.5 | 3.5 | 3.4 | 3.3 |
| Construction | 7.9 | 7.1 | 6.0 | 5.4 | 7.3 | 7.4 | 7.0 | 5.9 | 5.1 | 5.7 | 6.0 | 6.1 | 5.6 |
| Manufacturing | 4.6 | 3.8 | 3.8 | 3.7 | 3.6 | 3.7 | 2.9 | 3.2 | 3.3 | 3.1 | 3.2 | 3.1 | 2.9 |
| Durable goods | 4.7 | 3.8 | 3.7 | 3.6 | 3.2 | 3.2 | 2.3 | 3.1 | 3.2 | 2.9 | 3.0 | 2.8 | 2.5 |
| Nondurable goods | 4.4 | 3.8 | 3.9 | 3.9 | 4.2 | 4.3 | 3.7 | 3.3 | 3.4 | 3.4 | 3.4 | 3.5 | 3.6 |
| Transportation and public utilities | 2.4 | 2.9 | 2.4 | 2.4 | 2.9 | 2.0 | 2.0 | 2.0 | 1.9 | 2.4 | 2.3 | 2.3 | 1.9 |
| Wholesale and retail trade | 4.7 | 4.3 | 3.9 | 3.9 | 4.2 | 4.5 | 4.3 | 4.1 | 4.2 | 4.1 | 4.2 | 3.9 | 4.0 |
| Finance and service industries | 3.2 | 3.1 | 2.7 | 3.2 | 3.1 | 3.4 | 3.4 | 3.6 | 3.2 | 3.3 | 3.3 | 3.1 | 3.2 |
| Government wage and salary workers | 2.0 | 2.2 | 2.0 | 2.1 | 2.4 | 1.9 | 1.9 | 1.8 | 1.7 | 1.7 | 1.6 | 1.6 | 1.7 |
| Agricultural wage and salary workers | 5.8 | 6.2 | 6.5 | 5.2 | 6.3 | 6.5 | 6.5 | 8.9 | 5.6 | 5.3 | 5.8 | 5.9 | 4.6 |

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

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

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

⁴Includes mining, not shown separately.

HOUSEHOLD DATA SEASONALLY ADJUSTED

A-33: Unemployed persons by duration of unemployment, seasonally adjusted

(In thousands)

| Duration of unemployment | 1970 | | 1969 | | | | | | | | | | |
|--------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | Feb. | Jan. | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. |
| Less than 5 weeks | 1,973 | 1,756 | 1,515 | 1,558 | 1,882 | 1,756 | 1,646 | 1,656 | 1,576 | 1,720 | 1,711 | 1,625 | 1,461 |
| 5 to 14 weeks | 1,016 | 914 | 893 | 912 | 882 | 995 | 854 | 824 | 812 | 639 | 748 | 777 | 833 |
| 15 weeks and over | 465 | 409 | 392 | 389 | 363 | 392 | 385 | 400 | 385 | 400 | 381 | 359 | 351 |
| 15 to 26 weeks | 306 | 276 | 272 | 249 | 233 | 240 | 250 | 233 | 255 | 263 | 246 | 240 | 238 |
| 27 weeks and over | 159 | 133 | 120 | 140 | 130 | 152 | 135 | 167 | 130 | 137 | 135 | 119 | 113 |

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

| Age and sex | 1970 | | 1969 | | | | | | | | | | |
|---|------|------|------|------|------|-------|------|------|------|------|------|------|------|
| | Feb. | Jan. | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. |
| Total, 16 years and over | 4.2 | 3.9 | 3.5 | 3.5 | 3.8 | 3.8 | 3.5 | 3.5 | 3.4 | 3.5 | 3.5 | 3.4 | 3.3 |
| 16 to 19 years | 13.4 | 13.8 | 11.8 | 11.8 | 12.9 | 12.9 | 12.3 | 12.2 | 11.7 | 12.4 | 12.7 | 12.6 | 12.0 |
| 16 and 17 years | 16.3 | 17.2 | 13.7 | 14.3 | 16.5 | 16.1 | 15.8 | 14.6 | 13.5 | 14.0 | 14.8 | 13.8 | 13.8 |
| 18 and 19 years | 11.7 | 11.6 | 10.2 | 9.2 | 10.4 | 10.6 | 9.8 | 10.3 | 10.1 | 11.5 | 11.4 | 11.6 | 11.0 |
| 20 to 24 years | 7.3 | 6.1 | 5.8 | 5.8 | 6.4 | 6.5 | 5.4 | 5.8 | 5.4 | 5.5 | 5.7 | 5.4 | 5.4 |
| 25 years and over | 2.6 | 2.4 | 2.2 | 2.2 | 2.4 | 2.4 | 2.3 | 2.3 | 2.2 | 2.2 | 2.2 | 2.1 | 2.1 |
| 25 to 54 years | 2.7 | 2.5 | 2.3 | 2.1 | 2.4 | 2.5 | 2.3 | 2.3 | 2.3 | 2.3 | 2.3 | 2.2 | 2.1 |
| 55 years and over | 2.4 | 2.0 | 2.1 | 1.9 | 2.3 | 2.2 | 2.0 | 2.0 | 2.0 | 1.7 | 2.0 | 1.9 | 2.0 |
| Males, 16 years and over | 3.6 | 3.3 | 2.9 | 2.9 | 3.1 | 3.2 | 2.8 | 2.9 | 2.7 | 2.7 | 2.7 | 2.6 | 2.6 |
| 16 to 19 years | 13.0 | 12.6 | 11.0 | 11.7 | 11.8 | 12.0 | 11.3 | 11.8 | 10.7 | 11.1 | 11.5 | 11.5 | 11.0 |
| 16 and 17 years | 15.4 | 14.9 | 13.1 | 13.7 | 14.4 | 15.0 | 15.5 | 14.4 | 13.0 | 13.9 | 13.1 | 13.2 | 13.0 |
| 18 and 19 years | 11.0 | 10.8 | 9.3 | 8.9 | 9.6 | 9.4 | 7.8 | 9.7 | 8.5 | 9.2 | 10.4 | 10.0 | 9.4 |
| 20 to 24 years | 6.9 | 6.1 | 5.5 | 5.3 | 6.3 | 6.4 | 4.5 | 5.3 | 4.8 | 4.8 | 4.8 | 4.6 | 4.8 |
| 25 years and over | 2.2 | 2.0 | 1.8 | 1.7 | 1.9 | 1.8 | 1.7 | 1.7 | 1.6 | 1.7 | 1.6 | 1.6 | 1.5 |
| 25 to 54 years | 2.1 | 2.0 | 1.7 | 1.4 | 1.8 | 1.8 | 1.6 | 1.7 | 1.5 | 1.7 | 1.6 | 1.5 | 1.4 |
| 55 years and over | 2.4 | 2.1 | 2.2 | 1.9 | 2.2 | 2.0 | 2.0 | 1.9 | 1.8 | 1.6 | 1.8 | 1.8 | 1.8 |
| Females, 16 years and over | 5.1 | 4.8 | 4.5 | 4.5 | 4.9 | 5.0 | 4.8 | 4.6 | 4.7 | 4.8 | 4.9 | 4.6 | 4.5 |
| 16 to 19 years | 13.9 | 15.2 | 12.8 | 11.9 | 14.2 | 14.2 | 13.6 | 12.7 | 13.0 | 14.0 | 14.3 | 14.0 | 13.2 |
| 16 and 17 years | 17.3 | 20.3 | 14.7 | 15.0 | 19.2 | 17.7 | 16.2 | 14.8 | 14.3 | 14.2 | 17.1 | 14.9 | 15.1 |
| 18 and 19 years | 12.7 | 12.4 | 11.2 | 9.6 | 11.3 | 12.0 | 12.0 | 11.0 | 11.9 | 14.1 | 12.6 | 13.3 | 12.9 |
| 20 to 24 years | 7.6 | 6.2 | 6.1 | 6.5 | 6.5 | 6.6 | 6.3 | 6.3 | 6.0 | 6.4 | 6.7 | 6.4 | 6.2 |
| 25 years and over | 3.3 | 3.0 | 3.0 | 3.1 | 3.4 | 3.4 | 3.3 | 3.2 | 3.3 | 3.1 | 3.2 | 3.0 | 3.1 |
| 25 to 54 years | 3.6 | 3.3 | 3.3 | 3.4 | 3.6 | 3.7 | 3.6 | 3.5 | 3.6 | 3.4 | 3.5 | 3.4 | 3.3 |
| 55 years and over | 2.3 | 1.7 | 1.9 | 2.0 | 2.5 | 2.5 | 2.1 | 2.3 | 2.3 | 1.9 | 2.5 | 2.0 | 2.4 |

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

A-35: Employed persons by age and sex, seasonally adjusted

(In thousands)

| Age and sex | 1970 | | 1969 | | | | | | | | | | |
|-------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Feb. | Jan. | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. |
| Total | | | | | | | | | | | | | |
| 16 years and over | 78,822 | 79,041 | 78,737 | 78,528 | 78,445 | 78,194 | 78,142 | 77,931 | 77,741 | 77,321 | 77,589 | 77,650 | 77,524 |
| 16 to 19 years | 6,363 | 6,307 | 6,287 | 6,332 | 6,235 | 6,186 | 6,031 | 6,084 | 6,116 | 6,029 | 6,114 | 6,060 | 6,001 |
| 16 and 17 years | 2,760 | 2,713 | 2,667 | 2,707 | 2,625 | 2,614 | 2,474 | 2,526 | 2,541 | 2,534 | 2,622 | 2,607 | 2,534 |
| 18 and 19 years | 3,634 | 3,647 | 3,660 | 3,654 | 3,598 | 3,565 | 3,530 | 3,515 | 3,569 | 3,467 | 3,504 | 3,498 | 3,483 |
| 20 to 24 years | 9,538 | 9,644 | 9,441 | 9,506 | 9,457 | 9,428 | 9,477 | 9,371 | 9,356 | 9,173 | 9,227 | 9,207 | 9,163 |
| 25 years and over | 62,970 | 63,132 | 62,998 | 62,709 | 62,770 | 62,589 | 62,630 | 62,433 | 62,199 | 62,195 | 62,219 | 62,388 | 62,408 |
| 25 to 54 years | 48,821 | 49,043 | 48,945 | 48,619 | 48,600 | 48,435 | 48,492 | 48,304 | 48,189 | 48,149 | 48,122 | 48,243 | 48,327 |
| 55 years and over | 14,203 | 14,223 | 14,117 | 14,075 | 14,096 | 14,108 | 14,121 | 14,052 | 13,969 | 14,036 | 14,112 | 14,156 | 14,087 |
| Male | | | | | | | | | | | | | |
| 16 years and over | 49,058 | 49,204 | 49,055 | 49,067 | 48,949 | 48,956 | 48,819 | 48,702 | 48,697 | 48,654 | 48,745 | 48,822 | 48,754 |
| 16 to 19 years | 3,524 | 3,530 | 3,502 | 3,534 | 3,438 | 3,491 | 3,334 | 3,367 | 3,394 | 3,403 | 3,463 | 3,448 | 3,431 |
| 16 and 17 years | 1,558 | 1,580 | 1,550 | 1,600 | 1,536 | 1,586 | 1,454 | 1,496 | 1,498 | 1,504 | 1,547 | 1,565 | 1,532 |
| 18 and 19 years | 1,984 | 1,974 | 1,987 | 1,954 | 1,905 | 1,914 | 1,861 | 1,838 | 1,892 | 1,882 | 1,909 | 1,913 | 1,915 |
| 20 to 24 years | 5,102 | 5,117 | 5,093 | 5,088 | 5,068 | 5,071 | 5,107 | 5,029 | 5,036 | 5,008 | 4,972 | 4,920 | 4,906 |
| 25 years and over | 40,468 | 40,571 | 40,500 | 40,418 | 40,421 | 40,403 | 40,407 | 40,274 | 40,231 | 40,255 | 40,295 | 40,451 | 40,451 |
| 25 to 54 years | 31,352 | 31,409 | 31,469 | 31,353 | 31,324 | 31,288 | 31,336 | 31,284 | 31,258 | 31,238 | 31,225 | 31,330 | 31,380 |
| 55 years and over | 9,148 | 9,209 | 9,067 | 9,076 | 9,076 | 9,098 | 9,051 | 8,975 | 8,941 | 9,025 | 9,070 | 9,127 | 9,090 |
| Female | | | | | | | | | | | | | |
| 16 years and over | 29,764 | 29,837 | 29,682 | 29,461 | 29,496 | 29,238 | 29,323 | 29,229 | 29,044 | 28,667 | 28,844 | 28,828 | 28,770 |
| 16 to 19 years | 2,839 | 2,777 | 2,785 | 2,798 | 2,797 | 2,695 | 2,697 | 2,717 | 2,722 | 2,626 | 2,651 | 2,612 | 2,570 |
| 16 and 17 years | 1,202 | 1,333 | 1,117 | 1,107 | 1,089 | 1,028 | 1,020 | 1,030 | 1,043 | 1,030 | 1,075 | 1,042 | 1,002 |
| 18 and 19 years | 1,650 | 1,673 | 1,673 | 1,700 | 1,693 | 1,651 | 1,669 | 1,677 | 1,677 | 1,585 | 1,595 | 1,585 | 1,568 |
| 20 to 24 years | 4,436 | 4,527 | 4,348 | 4,418 | 4,389 | 4,357 | 4,370 | 4,342 | 4,320 | 4,165 | 4,255 | 4,287 | 4,257 |
| 25 years and over | 22,502 | 22,561 | 22,498 | 22,291 | 22,349 | 22,186 | 22,223 | 22,159 | 21,968 | 21,940 | 21,924 | 21,937 | 21,957 |
| 25 to 54 years | 17,469 | 17,634 | 17,476 | 17,266 | 17,276 | 17,147 | 17,156 | 17,020 | 16,931 | 16,911 | 16,897 | 16,913 | 16,947 |
| 55 years and over | 5,055 | 5,014 | 5,050 | 4,999 | 5,020 | 5,010 | 5,070 | 5,077 | 5,028 | 5,011 | 5,042 | 5,029 | 4,997 |

A-36: Employed persons by major occupation group, seasonally adjusted

(In thousands)

| Occupation group | 1970 | | 1969 | | | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Feb. | Jan. | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. |
| White-collar workers | 37,927 | 37,950 | 37,641 | 37,483 | 37,406 | 37,047 | 36,917 | 36,807 | 36,896 | 36,673 | 36,462 | 36,362 | 36,270 |
| Professional and technical | 10,966 | 11,097 | 11,007 | 10,887 | 10,915 | 10,763 | 10,699 | 10,831 | 10,788 | 10,714 | 10,717 | 10,693 | 10,583 |
| Managers, officials, and proprietors | 8,186 | 8,190 | 8,164 | 8,222 | 8,037 | 8,022 | 7,958 | 7,931 | 7,963 | 8,028 | 7,987 | 7,871 | 7,789 |
| Clerical workers | 13,965 | 13,869 | 13,699 | 13,530 | 13,737 | 13,573 | 13,528 | 13,334 | 13,406 | 13,279 | 13,159 | 13,178 | 13,281 |
| Sales workers | 4,810 | 4,794 | 4,771 | 4,844 | 4,717 | 4,689 | 4,732 | 4,711 | 4,739 | 4,652 | 4,599 | 4,620 | 4,617 |
| Blue-collar workers | 28,274 | 28,241 | 28,323 | 28,432 | 28,412 | 28,520 | 28,429 | 28,325 | 28,061 | 27,687 | 28,044 | 28,185 | 28,335 |
| Craftsmen and foremen | 10,268 | 10,148 | 10,323 | 10,258 | 10,215 | 10,162 | 10,189 | 10,170 | 10,105 | 9,977 | 10,050 | 10,190 | 10,438 |
| Operatives | 14,204 | 14,281 | 14,268 | 14,433 | 14,535 | 14,676 | 14,560 | 14,532 | 14,288 | 14,079 | 14,257 | 14,331 | 14,269 |
| Nonfarm laborers | 3,802 | 3,812 | 3,732 | 3,741 | 3,662 | 3,682 | 3,680 | 3,623 | 3,668 | 3,631 | 3,737 | 3,664 | 3,628 |
| Service workers | 9,562 | 9,728 | 9,688 | 9,558 | 9,520 | 9,531 | 9,467 | 9,480 | 9,403 | 9,417 | 9,582 | 9,693 | 9,545 |
| Farmers and farm laborers | 3,160 | 3,084 | 3,037 | 3,087 | 3,143 | 3,199 | 3,258 | 3,238 | 3,403 | 3,484 | 3,364 | 3,401 | 3,524 |

ESTABLISHMENT DATA
HISTORICAL EMPLOYMENT

B-1: Employees on nonagricultural payrolls, by industry division

1919 to date

(In thousands)

| Year and month | TOTAL | Mining | Contract construction | Manufacturing | Transportation and public utilities | Wholesale and retail trade | | | Finance, insurance, and real estate | Services | Government | | |
|------------------|--------|--------|-----------------------|---------------|-------------------------------------|----------------------------|-----------------|--------------|-------------------------------------|----------|------------|---------|-----------------|
| | | | | | | Total | Wholesale trade | Retail trade | | | Total | Federal | State and local |
| 1919..... | 27,088 | 1,133 | 1,021 | 10,659 | 3,711 | 4,514 | - | - | 1,111 | 2,263 | 2,676 | - | - |
| 1920..... | 27,350 | 1,239 | 848 | 10,658 | 3,998 | 4,467 | - | - | 1,175 | 2,362 | 2,603 | - | - |
| 1921..... | 24,382 | 962 | 1,012 | 8,257 | 3,459 | 4,589 | - | - | 1,163 | 2,412 | 2,528 | - | - |
| 1922..... | 25,827 | 929 | 1,185 | 9,120 | 3,505 | 4,903 | - | - | 1,144 | 2,503 | 2,538 | - | - |
| 1923..... | 28,394 | 1,212 | 1,229 | 10,300 | 3,882 | 5,290 | - | - | 1,190 | 2,684 | 2,607 | - | - |
| 1924..... | 28,040 | 1,101 | 1,321 | 9,671 | 3,807 | 5,407 | - | - | 1,231 | 2,782 | 2,720 | - | - |
| 1925..... | 28,778 | 1,089 | 1,446 | 9,939 | 3,826 | 5,576 | - | - | 1,233 | 2,869 | 2,800 | - | - |
| 1926..... | 29,819 | 1,185 | 1,555 | 10,156 | 3,942 | 5,784 | - | - | 1,305 | 3,046 | 2,846 | - | - |
| 1927..... | 29,976 | 1,114 | 1,608 | 10,001 | 3,895 | 5,908 | - | - | 1,367 | 3,168 | 2,915 | - | - |
| 1928..... | 30,000 | 1,050 | 1,606 | 9,947 | 3,828 | 5,874 | - | - | 1,435 | 3,265 | 2,995 | - | - |
| 1929..... | 31,339 | 1,087 | 1,497 | 10,702 | 3,916 | 6,123 | - | - | 1,509 | 3,440 | 3,065 | 533 | 2,532 |
| 1930..... | 29,424 | 1,009 | 1,372 | 9,562 | 3,685 | 5,797 | - | - | 1,475 | 3,376 | 3,148 | 526 | 2,622 |
| 1931..... | 26,649 | 873 | 1,214 | 8,170 | 3,254 | 5,284 | - | - | 1,407 | 3,183 | 3,264 | 560 | 2,704 |
| 1932..... | 23,628 | 731 | 970 | 6,931 | 2,816 | 4,683 | - | - | 1,341 | 2,931 | 3,225 | 559 | 2,666 |
| 1933..... | 23,711 | 744 | 809 | 7,397 | 2,672 | 4,755 | - | - | 1,295 | 2,873 | 3,166 | 565 | 2,601 |
| 1934..... | 25,953 | 883 | 862 | 8,501 | 2,750 | 5,281 | - | - | 1,319 | 3,058 | 3,299 | 652 | 2,647 |
| 1935..... | 27,053 | 897 | 912 | 9,069 | 2,786 | 5,431 | - | - | 1,335 | 3,142 | 3,481 | 753 | 2,728 |
| 1936..... | 29,082 | 946 | 1,145 | 9,827 | 2,973 | 5,809 | - | - | 1,388 | 3,326 | 3,668 | 826 | 2,842 |
| 1937..... | 31,026 | 1,015 | 1,112 | 10,794 | 3,134 | 6,265 | - | - | 1,432 | 3,518 | 3,756 | 833 | 2,923 |
| 1938..... | 29,209 | 891 | 1,055 | 9,440 | 2,863 | 6,179 | - | - | 1,425 | 3,473 | 3,883 | 829 | 3,054 |
| 1939..... | 30,618 | 854 | 1,150 | 10,278 | 2,936 | 6,426 | 1,684 | 4,742 | 1,462 | 3,517 | 3,995 | 905 | 3,090 |
| 1940..... | 32,376 | 925 | 1,294 | 10,985 | 3,038 | 6,750 | 1,754 | 4,996 | 1,502 | 3,681 | 4,202 | 996 | 3,206 |
| 1941..... | 36,554 | 957 | 1,790 | 13,192 | 3,274 | 7,210 | 1,873 | 5,338 | 1,549 | 3,921 | 4,660 | 1,340 | 3,320 |
| 1942..... | 40,125 | 992 | 2,170 | 15,280 | 3,460 | 7,118 | 1,821 | 5,297 | 1,538 | 4,084 | 5,483 | 2,213 | 3,270 |
| 1943..... | 42,452 | 925 | 1,567 | 17,602 | 3,647 | 6,982 | 1,741 | 5,241 | 1,502 | 4,148 | 6,080 | 2,905 | 3,174 |
| 1944..... | 41,883 | 892 | 1,094 | 17,328 | 3,829 | 7,058 | 1,762 | 5,296 | 1,476 | 4,163 | 6,043 | 2,928 | 3,116 |
| 1945..... | 40,394 | 836 | 1,132 | 15,524 | 3,906 | 7,314 | 1,862 | 5,452 | 1,497 | 4,241 | 5,944 | 2,808 | 3,137 |
| 1946..... | 41,674 | 862 | 1,661 | 14,703 | 4,061 | 8,376 | 2,190 | 6,186 | 1,697 | 4,719 | 5,595 | 2,254 | 3,341 |
| 1947..... | 43,881 | 955 | 1,982 | 15,545 | 4,166 | 8,955 | 2,361 | 6,595 | 1,754 | 5,050 | 5,474 | 1,892 | 3,582 |
| 1948..... | 44,891 | 994 | 2,169 | 15,582 | 4,189 | 9,272 | 2,489 | 6,783 | 1,829 | 5,206 | 5,650 | 1,863 | 3,787 |
| 1949..... | 43,778 | 930 | 2,165 | 14,441 | 4,001 | 9,264 | 2,487 | 6,778 | 1,857 | 5,264 | 5,856 | 1,908 | 3,948 |
| 1950..... | 45,222 | 901 | 2,333 | 15,241 | 4,034 | 9,386 | 2,518 | 6,868 | 1,919 | 5,382 | 6,026 | 1,928 | 4,098 |
| 1951..... | 47,849 | 929 | 2,603 | 16,393 | 4,226 | 9,742 | 2,606 | 7,136 | 1,991 | 5,576 | 6,389 | 2,302 | 4,087 |
| 1952..... | 48,825 | 898 | 2,634 | 16,632 | 4,248 | 10,004 | 2,687 | 7,317 | 2,069 | 5,730 | 6,609 | 2,420 | 4,188 |
| 1953..... | 50,232 | 866 | 2,623 | 17,549 | 4,290 | 10,247 | 2,727 | 7,520 | 2,146 | 5,867 | 6,645 | 2,305 | 4,340 |
| 1954..... | 49,022 | 791 | 2,612 | 16,314 | 4,084 | 10,235 | 2,739 | 7,496 | 2,234 | 6,002 | 6,751 | 2,188 | 4,563 |
| 1955..... | 50,675 | 792 | 2,802 | 16,882 | 4,141 | 10,535 | 2,796 | 7,740 | 2,335 | 6,274 | 6,914 | 2,187 | 4,727 |
| 1956..... | 52,408 | 822 | 2,999 | 17,243 | 4,244 | 10,858 | 2,884 | 7,974 | 2,429 | 6,536 | 7,277 | 2,209 | 5,069 |
| 1957..... | 52,894 | 828 | 2,923 | 17,174 | 4,241 | 10,886 | 2,893 | 7,992 | 2,477 | 6,749 | 7,616 | 2,217 | 5,399 |
| 1958..... | 51,363 | 751 | 2,778 | 15,945 | 3,976 | 10,750 | 2,848 | 7,902 | 2,519 | 6,806 | 7,839 | 2,191 | 5,648 |
| 1959..... | 53,313 | 732 | 2,960 | 16,675 | 4,011 | 11,127 | 2,946 | 8,182 | 2,594 | 7,130 | 8,083 | 2,233 | 5,850 |
| 1960..... | 54,234 | 712 | 2,885 | 16,796 | 4,004 | 11,391 | 3,004 | 8,388 | 2,669 | 7,423 | 8,353 | 2,270 | 6,083 |
| 1961..... | 54,042 | 672 | 2,816 | 16,326 | 3,903 | 11,337 | 2,993 | 8,344 | 2,731 | 7,664 | 8,594 | 2,279 | 6,315 |
| 1962..... | 55,596 | 650 | 2,902 | 16,853 | 3,906 | 11,566 | 3,056 | 8,511 | 2,800 | 8,028 | 8,890 | 2,340 | 6,550 |
| 1963..... | 56,702 | 635 | 2,963 | 16,995 | 3,903 | 11,778 | 3,104 | 8,675 | 2,877 | 8,325 | 9,225 | 2,358 | 6,868 |
| 1964..... | 58,331 | 634 | 3,050 | 17,274 | 3,951 | 12,160 | 3,189 | 8,971 | 2,957 | 8,709 | 9,596 | 2,348 | 7,248 |
| 1965..... | 60,815 | 632 | 3,186 | 18,062 | 4,036 | 12,716 | 3,312 | 9,404 | 3,023 | 9,087 | 10,074 | 2,378 | 7,696 |
| 1966..... | 63,955 | 627 | 3,275 | 19,214 | 4,151 | 13,245 | 3,437 | 9,808 | 3,100 | 9,551 | 10,792 | 2,564 | 8,227 |
| 1967..... | 65,857 | 613 | 3,208 | 19,447 | 4,261 | 13,606 | 3,525 | 10,081 | 3,225 | 10,099 | 11,398 | 2,719 | 8,679 |
| 1968..... | 67,860 | 610 | 3,267 | 19,768 | 4,313 | 14,081 | 3,618 | 10,464 | 3,383 | 10,592 | 11,846 | 2,737 | 9,109 |
| 1969..... | 70,141 | 628 | 3,411 | 20,121 | 4,448 | 14,644 | 3,767 | 10,876 | 3,559 | 11,103 | 12,227 | 2,757 | 9,469 |
| 1969: February.. | 68,403 | 610 | 2,999 | 19,891 | 4,303 | 14,097 | 3,666 | 10,431 | 3,467 | 10,792 | 12,244 | 2,739 | 9,505 |
| 1969: March..... | 68,894 | 610 | 3,077 | 19,978 | 4,346 | 14,201 | 3,678 | 10,523 | 3,490 | 10,913 | 12,279 | 2,737 | 9,542 |
| 1969: April..... | 69,462 | 619 | 3,255 | 19,952 | 4,403 | 14,398 | 3,688 | 10,710 | 3,517 | 11,044 | 12,274 | 2,747 | 9,527 |
| 1969: May..... | 69,929 | 624 | 3,404 | 19,982 | 4,431 | 14,517 | 3,709 | 10,808 | 3,534 | 11,131 | 12,306 | 2,740 | 9,566 |
| 1969: June..... | 70,980 | 638 | 3,601 | 20,336 | 4,512 | 14,717 | 3,793 | 10,924 | 3,585 | 11,243 | 12,348 | 2,832 | 9,516 |
| 1969: July..... | 70,347 | 645 | 3,681 | 20,114 | 4,528 | 14,662 | 3,818 | 10,844 | 3,629 | 11,266 | 11,822 | 2,841 | 8,981 |
| 1969: August... | 70,607 | 647 | 3,707 | 20,435 | 4,533 | 14,660 | 3,821 | 10,839 | 3,642 | 11,253 | 11,730 | 2,804 | 8,926 |
| 1969: September | 70,814 | 639 | 3,663 | 20,421 | 4,529 | 14,702 | 3,806 | 10,896 | 3,597 | 11,183 | 12,080 | 2,733 | 9,347 |
| 1969: October.. | 71,198 | 632 | 3,623 | 20,339 | 4,502 | 14,847 | 3,834 | 11,013 | 3,591 | 11,255 | 12,409 | 2,715 | 9,694 |
| 1969: November. | 71,227 | 631 | 3,530 | 20,143 | 4,506 | 15,090 | 3,849 | 11,241 | 3,599 | 11,230 | 12,498 | 2,705 | 9,793 |
| 1969: December. | 71,629 | 631 | 3,373 | 20,056 | 4,498 | 15,642 | 3,875 | 11,767 | 3,609 | 11,229 | 12,591 | 2,760 | 9,831 |
| 1970: January.. | 69,755 | 617 | 3,015 | 19,764 | 4,450 | 14,683 | 3,833 | 10,850 | 3,603 | 11,136 | 12,487 | 2,690 | 9,797 |
| 1970: February.. | 69,655 | 614 | 3,037 | 19,632 | 4,430 | 14,594 | 3,836 | 10,758 | 3,617 | 11,178 | 12,553 | 2,696 | 9,857 |

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

ESTABLISHMENT DATA EMPLOYMENT

B-2: Employees on nonagricultural payrolls, by industry

| SIC CODE | Industry | (In thousands) | | | | | | | | | | |
|----------------|---|----------------|-----------|-----------|-----------|-----------|---------------------------------|-----------|-----------|-----------|-----------|--|
| | | All employees | | | | | Production workers ¹ | | | | | |
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | |
| - | TOTAL | 69,655 | 69,755 | 71,629 | 68,196 | 70,141 | - | - | - | - | - | |
| - | PRIVATE SECTOR | 57,102 | 57,268 | 59,038 | 56,056 | 57,914 | 47,065 | 47,242 | 48,993 | 46,359 | 47,986 | |
| - | MINING | 614 | 617 | 631 | 611 | 628 | 467 | 469 | 482 | 464 | 479 | |
| 10 | METAL MINING | - | 93.9 | 93.8 | 88.3 | 92.2 | - | 76.1 | 76.0 | 70.6 | 74.4 | |
| 101 | Iron ores | - | 24.6 | 24.9 | 23.8 | 25.4 | - | 20.0 | 20.3 | 19.0 | 20.7 | |
| 102 | Copper ores | - | 38.7 | 38.7 | 35.3 | 37.2 | - | 31.2 | 31.1 | 28.1 | 29.8 | |
| 11,12 | COAL MINING | - | 138.2 | 138.8 | 135.1 | 136.1 | - | 119.7 | 120.6 | 116.8 | 117.7 | |
| 12 | Bituminous coal and lignite mining | - | 131.8 | 132.4 | 128.9 | 129.8 | - | 114.0 | 114.9 | 111.2 | 112.1 | |
| 13 | OIL AND GAS EXTRACTION | - | 276.6 | 281.6 | 279.5 | 281.6 | - | 185.6 | 189.9 | 189.2 | 190.3 | |
| 131,2 | Crude petroleum and natural gas fields | - | 141.8 | 141.7 | 144.5 | 144.3 | - | 72.4 | 72.4 | 74.9 | 74.5 | |
| 138 | Oil and gas field services | - | 134.8 | 139.9 | 135.0 | 137.3 | - | 113.2 | 117.5 | 114.3 | 115.8 | |
| 14 | NONMETALLIC MINERALS, EXCEPT FUELS | - | 108.4 | 116.4 | 108.2 | 118.2 | - | 87.3 | 95.4 | 87.4 | 97.0 | |
| 142 | Crushed and broken stone | - | 36.5 | 40.8 | 36.8 | 41.4 | - | 30.2 | 34.2 | 30.4 | 34.9 | |
| 144 | Sand and gravel | - | 35.4 | 38.1 | 34.6 | 39.1 | - | - | - | - | - | |
| | CONTRACT CONSTRUCTION | 3,037 | 3,015 | 3,373 | 3,024 | 3,411 | 2,508 | 2,483 | 2,835 | 2,506 | 2,879 | |
| | GENERAL BUILDING CONTRACTORS | - | 895.3 | 1,002.1 | 926.7 | 1,012.5 | - | 742.5 | 848.7 | 778.5 | 861.3 | |
| 16 | HEAVY CONSTRUCTION CONTRACTORS | - | 581.5 | 707.3 | 565.5 | 741.7 | - | 476.0 | 597.4 | 467.8 | 634.7 | |
| 161 | Highway and street construction | - | 201.6 | 277.5 | 209.2 | 320.2 | - | 165.8 | 241.0 | 172.9 | 281.9 | |
| 162 | Heavy construction, n e c | - | 379.9 | 429.8 | 356.3 | 421.6 | - | 310.2 | 356.4 | 294.9 | 352.8 | |
| 17 | SPECIAL TRADE CONTRACTORS | - | 1,538.5 | 1,663.7 | 1,531.9 | 1,657.2 | - | 1,264.1 | 1,388.6 | 1,260.0 | 1,382.7 | |
| 171 | Plumbing, heating, air conditioning | - | 391.2 | 403.1 | 384.7 | 396.7 | - | 314.4 | 326.3 | 308.0 | 319.5 | |
| 172 | Painting, paper hanging, decorating | - | 105.4 | 120.6 | 108.8 | 127.9 | - | 89.4 | 104.5 | 94.2 | 112.9 | |
| 173 | Electrical work | - | 278.7 | 285.8 | 269.9 | 280.3 | - | 222.7 | 230.4 | 216.0 | 225.9 | |
| 174 | Masonry, stonework, and plastering | - | 200.3 | 225.6 | 213.4 | 230.5 | - | 178.9 | 203.9 | 191.5 | 208.5 | |
| 176 | Roofing and sheet metal work | - | 103.7 | 120.0 | 104.9 | 118.0 | - | 83.5 | 100.2 | 84.1 | 97.1 | |
| | MANUFACTURING | 19,632 | 19,764 | 20,056 | 19,803 | 20,121 | 14,238 | 14,370 | 14,647 | 14,509 | 14,735 | |
| 19,24,25,32-39 | DURABLE GOODS | 11,490 | 11,606 | 11,785 | 11,760 | 11,880 | 8,263 | 8,370 | 8,544 | 8,555 | 8,639 | |
| 20-23,26-31 | NONDURABLE GOODS | 8,142 | 8,158 | 8,271 | 8,043 | 8,241 | 5,975 | 6,000 | 6,103 | 5,954 | 6,096 | |
| | <i>Durable Goods</i> | | | | | | | | | | | |
| 19 | ORDNANCE AND ACCESSORIES | 286.4 | 291.3 | 300.1 | 350.3 | 328.5 | 155.4 | 157.4 | 165.3 | 198.5 | 183.3 | |
| 192 | Ammunition, except for small arms | 208.2 | 212.4 | 220.3 | 263.8 | 244.7 | 105.2 | 107.6 | 114.2 | 143.2 | 130.2 | |
| 1925 | Complete guided missiles | - | 127.0 | 128.4 | 152.1 | 141.7 | - | 39.5 | 40.1 | 50.5 | 46.1 | |
| 1929 | Ammunition, exc. for small arms, nec | - | 85.4 | 91.9 | 111.7 | 103.1 | - | 68.1 | 74.1 | 92.7 | 84.1 | |
| 24 | LUMBER AND WOOD PRODUCTS | 563.1 | 573.5 | 585.9 | 587.8 | 600.2 | 482.0 | 492.5 | 506.3 | 508.6 | 520.7 | |
| 241 | Logging camps & logging contractors | (*) | 74.7 | 78.7 | 71.2 | 78.4 | (*) | 199.0 | 204.3 | 207.6 | 210.8 | |
| 242 | Sawmills and planing mills | (*) | 219.6 | 224.9 | 228.6 | 231.8 | (*) | 165.6 | 170.7 | 172.9 | 176.5 | |
| 2421 | Sawmills and planing mills, general | - | 182.7 | 187.7 | 190.3 | 193.8 | - | 165.6 | 170.7 | 172.9 | 176.5 | |
| 243 | Millwork, plywood & related products | 154.2 | 155.5 | 157.7 | 166.2 | 165.2 | 127.2 | 129.2 | 131.4 | 140.2 | 139.1 | |
| 2431 | Millwork | - | 68.3 | 68.7 | 72.7 | 71.9 | - | 54.6 | 55.2 | 58.9 | 58.4 | |
| 2432 | Veneer and plywood | - | 69.9 | 70.5 | 75.6 | 73.7 | - | 62.6 | 63.1 | 68.7 | 66.6 | |
| 244 | Wooden containers | 35.7 | 35.9 | 36.7 | 37.6 | 37.5 | 31.6 | 31.9 | 32.5 | 33.5 | 33.5 | |
| 2441,2 | Wooden boxes, shooks, and crates | - | 27.3 | 28.0 | 29.1 | 29.1 | - | 24.2 | 24.8 | 25.9 | 25.9 | |
| 249 | Miscellaneous wood products | 87.9 | 87.8 | 87.9 | 84.2 | 87.3 | 73.8 | 73.7 | 74.1 | 70.9 | 73.5 | |

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

**ESTABLISHMENT DATA
EMPLOYMENT**

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

| SIC Code | Industry | (In thousands) | | | | | | | | | | |
|---------------------------------|---|----------------|-----------|-----------|-----------|-----------|---------------------------------|-----------|-----------|-----------|-----------|--|
| | | All employees | | | | | Production workers ¹ | | | | | |
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | |
| <i>Durable Goods--Continued</i> | | | | | | | | | | | | |
| 25 | FURNITURE AND FIXTURES..... | 478.1 | 483.7 | 491.0 | 488.5 | 492.3 | 396.2 | 401.2 | 407.4 | 405.1 | 408.7 | |
| 251 | Household furniture..... | 335.3 | 337.6 | 343.4 | 347.4 | 346.9 | 285.4 | 287.7 | 292.1 | 297.0 | 296.1 | |
| 2511 | Wood household furniture..... | — | 172.0 | 175.1 | 181.5 | 179.6 | — | 151.6 | 154.4 | 160.4 | 158.8 | |
| 2512 | Upholstered household furniture..... | — | 87.6 | 90.4 | 89.6 | 90.0 | — | 73.5 | 75.4 | 75.4 | 75.4 | |
| 2515 | Mattresses and bedsprings..... | — | 38.7 | 38.2 | 38.3 | 39.0 | — | 30.2 | 29.7 | 30.1 | 30.5 | |
| 252 | Office furniture..... | — | 41.0 | 42.3 | 37.3 | 39.4 | — | 32.2 | 32.6 | 29.2 | 31.1 | |
| 254 | Partitions and fixtures..... | — | 53.6 | 54.1 | 50.8 | 53.2 | — | 41.5 | 42.0 | 38.3 | 40.8 | |
| 253,9 | Other furniture and fixtures..... | (*) | 51.5 | 52.2 | 53.0 | 52.7 | (*) | 39.8 | 40.7 | 40.6 | 40.8 | |
| | | | | | | | | | | | | |
| 32 | STONE, CLAY, AND GLASS PRODUCTS... | 632.4 | 636.8 | 655.8 | 639.2 | 661.2 | 499.7 | 503.1 | 523.8 | 511.1 | 530.3 | |
| 321 | Flat glass..... | — | 25.3 | 25.8 | 26.9 | 25.9 | — | 18.9 | 19.6 | 20.6 | 19.5 | |
| 322 | Glass and glassware, pressed or blown... | 127.3 | 128.3 | 130.5 | 130.2 | 131.8 | 110.5 | 111.7 | 114.1 | 115.2 | 116.0 | |
| 3221 | Glass containers..... | — | 73.8 | 74.5 | 72.3 | 74.9 | — | 65.6 | 66.5 | 66.3 | 67.8 | |
| 3229 | Pressed and blown glass, n e c..... | — | 54.5 | 56.0 | 57.9 | 56.8 | — | 46.1 | 47.6 | 48.9 | 48.2 | |
| 324 | Cement, hydraulic..... | 33.8 | 34.5 | 35.4 | 34.1 | 35.1 | 25.8 | 26.4 | 27.2 | 26.1 | 26.9 | |
| 325 | Structural clay products..... | (*) | 59.6 | 61.7 | 63.9 | 64.5 | (*) | 48.1 | 50.5 | 52.8 | 53.2 | |
| 3251 | Brick and structural clay tile..... | — | 26.3 | 27.5 | 28.5 | 29.0 | — | 22.5 | 24.0 | 25.0 | 25.4 | |
| 326 | Pottery and related products..... | — | 45.0 | 45.3 | 44.5 | 45.5 | — | 37.6 | 38.1 | 37.7 | 38.5 | |
| 327 | Concrete, gypsum, and plaster products... | 176.2 | 176.0 | 185.0 | 173.7 | 187.8 | 135.0 | 134.7 | 143.9 | 133.5 | 146.8 | |
| 328,9 | Other stone and nonmetallic mineral products... | 138.2 | 138.5 | 141.7 | 136.7 | 140.8 | 102.8 | 102.5 | 106.3 | 101.8 | 105.5 | |
| 3291 | Abrasive products..... | — | 27.6 | 28.3 | 27.5 | 27.9 | — | 18.9 | 19.5 | 18.9 | 19.2 | |
| | | | | | | | | | | | | |
| 33 | PRIMARY METAL INDUSTRIES..... | 1,331.6 | 1,343.0 | 1,360.1 | 1,311.9 | 1,350.2 | 1,062.8 | 1,073.0 | 1,087.9 | 1,043.8 | 1,078.9 | |
| 331 | Blast furnace and basic steel products... | (*) | 638.0 | 646.6 | 612.1 | 643.9 | (*) | 509.4 | 516.5 | 483.8 | 513.8 | |
| 3312 | Blast furnaces and steel mills..... | — | 558.3 | 566.6 | 533.7 | 563.5 | — | 447.8 | 454.6 | 424.2 | 451.9 | |
| 332 | Iron and steel foundries..... | 236.0 | 237.5 | 238.6 | 232.6 | 233.7 | 198.4 | 199.7 | 201.2 | 195.5 | 196.5 | |
| 3321 | Gray iron foundries..... | — | 149.3 | 150.2 | 146.0 | 146.4 | — | 127.6 | 128.9 | 125.0 | 125.3 | |
| 3322 | Malleable iron foundries..... | — | 23.9 | 24.0 | 23.3 | 23.8 | — | 20.0 | 20.1 | 19.5 | 19.9 | |
| 3323 | Steel foundries..... | — | 64.3 | 64.4 | 63.3 | 63.6 | — | 52.1 | 52.2 | 51.0 | 51.4 | |
| 333,4 | Nonferrous metals..... | 86.3 | 87.2 | 88.1 | 86.1 | 87.8 | 67.3 | 67.9 | 68.2 | 67.1 | 68.0 | |
| 3334 | Primary aluminum..... | — | 27.6 | 28.3 | 27.0 | 27.8 | — | 22.9 | 23.1 | 22.3 | 22.8 | |
| 335 | Nonferrous rolling and drawing..... | (*) | 214.3 | 217.9 | 213.1 | 217.1 | (*) | 160.9 | 164.3 | 159.8 | 163.7 | |
| 3351 | Copper rolling and drawing..... | — | 44.0 | 44.4 | 44.3 | 44.9 | — | 33.0 | 33.4 | 33.4 | 33.9 | |
| 3352 | Aluminum rolling and drawing..... | — | 68.3 | 69.9 | 70.5 | 70.2 | — | 50.5 | 51.8 | 53.0 | 52.3 | |
| 3357 | Nonferrous wire drawing and insulating... | — | 77.4 | 78.7 | 77.1 | 78.0 | — | 60.0 | 61.4 | 59.2 | 60.5 | |
| 336 | Nonferrous foundries..... | 89.0 | 90.0 | 91.9 | 91.9 | 91.8 | 73.7 | 74.5 | 76.3 | 76.8 | 76.4 | |
| 3361 | Aluminum castings..... | — | 46.7 | 47.8 | 46.9 | 47.1 | — | 39.2 | 40.3 | 39.9 | 39.9 | |
| 3362,9 | Other nonferrous castings..... | — | 43.3 | 44.1 | 45.0 | 44.7 | — | 35.3 | 36.0 | 36.9 | 36.5 | |
| 339 | Miscellaneous primary metal products..... | 74.4 | 76.0 | 77.0 | 76.1 | 76.0 | 59.1 | 60.6 | 61.4 | 60.8 | 60.5 | |
| 3391 | Iron and steel forgings..... | — | 51.3 | 51.9 | 51.2 | 51.2 | — | 41.2 | 41.7 | 41.4 | 41.2 | |
| | | | | | | | | | | | | |
| 34 | FABRICATED METAL PRODUCTS..... | 1,435.7 | 1,449.7 | 1,471.0 | 1,432.5 | 1,454.3 | 1,096.5 | 1,111.1 | 1,131.7 | 1,105.0 | 1,119.8 | |
| 341 | Metal cans..... | 67.7 | 67.1 | 66.7 | 65.6 | 68.5 | 56.2 | 56.2 | 55.7 | 56.0 | 57.9 | |
| 342 | Cutlery, hand tools, and hardware..... | 168.9 | 172.4 | 173.3 | 171.7 | 171.8 | 130.9 | 134.3 | 135.5 | 134.4 | 134.4 | |
| 3421,3,5 | Cutlery and hand tools, incl. saws..... | — | 72.3 | 71.6 | 67.9 | 69.7 | — | 55.9 | 55.4 | 53.2 | 54.1 | |
| 3429 | Hardware, n e c..... | — | 100.1 | 101.7 | 103.8 | 102.1 | — | 78.4 | 80.1 | 81.2 | 80.3 | |
| 343 | Plumbing and heating, except electric..... | (*) | 83.7 | 85.3 | 83.2 | 84.4 | (*) | 62.2 | 63.4 | 62.0 | 62.8 | |
| 3431,2 | Sanitary ware & plumbers' brass goods... | — | 36.8 | 37.7 | 37.2 | 37.7 | — | 29.3 | 29.9 | 29.7 | 30.0 | |
| 3433 | Heating equipment, except electric..... | — | 46.9 | 47.6 | 46.0 | 46.8 | — | 32.9 | 33.5 | 32.3 | 32.9 | |
| 344 | Fabricated structural metal products..... | 423.7 | 427.7 | 435.8 | 417.4 | 429.9 | 304.2 | 308.3 | 314.8 | 301.4 | 310.4 | |
| 3441 | Fabricated structural steel..... | — | 113.3 | 115.3 | 113.3 | 115.0 | — | 83.6 | 85.2 | 84.5 | 85.1 | |
| 3442 | Metal doors, sash, and trim..... | — | 67.0 | 70.3 | 67.4 | 70.6 | — | 47.9 | 51.1 | 48.5 | 51.3 | |
| 3443 | Fabricated plate work (boiler shops)..... | — | 117.1 | 117.5 | 111.1 | 113.6 | — | 82.6 | 82.4 | 78.1 | 79.3 | |
| 3444 | Sheet metal work..... | — | 80.6 | 81.7 | 78.7 | 80.9 | — | 58.4 | 59.3 | 57.5 | 59.0 | |
| 3446,9 | Architectural and misc. metal work..... | — | 49.7 | 51.0 | 46.9 | 49.8 | — | 35.8 | 36.8 | 32.8 | 35.7 | |
| 345 | Screw machine products, bolts, etc..... | 117.2 | 118.8 | 118.0 | 113.8 | 115.4 | 91.5 | 93.3 | 93.3 | 89.7 | 90.9 | |
| 3451 | Screw machine products..... | — | 52.9 | 52.6 | 52.0 | 52.3 | — | 44.5 | 44.5 | 44.1 | 44.2 | |
| 3452 | Bolts, nuts, rivets, and washers..... | — | 65.9 | 65.4 | 61.8 | 63.1 | — | 48.8 | 48.8 | 45.6 | 46.7 | |
| 346 | Metal stampings..... | 247.1 | 249.1 | 259.6 | 258.2 | 256.1 | 198.5 | 201.0 | 211.1 | 212.0 | 208.2 | |
| 347 | Metal services, n e c..... | (*) | 97.7 | 98.5 | 94.7 | 97.2 | (*) | 80.3 | 81.1 | 78.4 | 80.5 | |
| 348 | Misc. fabricated wire products..... | 70.4 | 71.1 | 71.7 | 69.9 | 70.6 | 56.3 | 56.4 | 57.4 | 56.2 | 56.5 | |
| 349 | Misc. fabricated metal products..... | 162.7 | 162.1 | 162.1 | 158.0 | 160.4 | 119.4 | 119.1 | 119.4 | 114.9 | 118.0 | |
| 3494,8 | Valves, pipe, and pipe fittings..... | — | 97.8 | 97.4 | 94.6 | 96.4 | — | 69.2 | 68.8 | 66.9 | 67.9 | |

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

**ESTABLISHMENT DATA
EMPLOYMENT**

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

| SIC Code | Industry | (In thousands) | | | | | | | | | |
|---------------------------------|--|----------------|-----------|-----------|-----------|-----------|---------------------------------|-----------|-----------|-----------|-----------|
| | | All employees | | | | | Production workers ¹ | | | | |
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| <i>Durable Goods--Continued</i> | | | | | | | | | | | |
| 35 | MACHINERY, EXCEPT ELECTRICAL | 2,033.3 | 2,019.1 | 2,018.5 | 1,983.4 | 2,006.5 | 1,391.9 | 1,377.7 | 1,378.6 | 1,360.7 | 1,371.7 |
| 351 | Engines and turbines | (*) | 101.1 | 101.7 | 113.2 | 111.8 | (*) | 67.2 | 67.5 | 78.2 | 76.3 |
| 3511 | Steam engines and turbines | - | 26.2 | 26.7 | 38.9 | 37.1 | - | 11.7 | 12.1 | 22.7 | 20.9 |
| 3519 | Internal combustion engines, n e c | - | 74.9 | 75.0 | 74.3 | 74.7 | - | 55.5 | 55.4 | 55.5 | 55.4 |
| 352 | Farm machinery | - | 131.5 | 128.6 | 137.1 | 131.9 | - | 94.8 | 92.3 | 97.8 | 93.7 |
| 353 | Construction and related machinery | (*) | 300.9 | 299.6 | 287.9 | 294.9 | (*) | 202.6 | 201.4 | 193.0 | 197.8 |
| 3531,2 | Construction and mining machinery | - | 158.6 | 158.1 | 153.1 | 156.3 | - | 111.2 | 110.4 | 106.5 | 108.9 |
| 3533 | Oil field machinery | - | 47.7 | 47.7 | 43.9 | 46.1 | - | 33.3 | 33.4 | 30.6 | 32.1 |
| 3535,6 | Conveyors, hoists, cranes, monorails | - | 44.0 | 43.8 | 43.2 | 43.7 | - | 27.2 | 27.2 | 27.0 | 27.3 |
| 3537 | Industrial trucks and tractors | - | 35.4 | 34.8 | 32.6 | 33.6 | - | 23.1 | 22.6 | 21.2 | 21.8 |
| 354 | Metal working machinery | (*) | 348.5 | 351.0 | 338.9 | 343.6 | (*) | 260.2 | 262.5 | 252.8 | 256.1 |
| 3541 | Machine tools, metal cutting types | - | 79.1 | 79.8 | 77.9 | 78.3 | - | 53.5 | 54.2 | 52.8 | 52.8 |
| 3544 | Special dies, tools, jigs, & fixtures | - | 129.2 | 129.1 | 124.0 | 125.9 | - | 106.3 | 106.3 | 101.3 | 103.3 |
| 3545 | Machine tool accessories | - | 60.0 | 61.2 | 60.7 | 61.0 | - | 43.5 | 44.5 | 43.9 | 44.3 |
| 3542,8 | Misc. metal working machinery | - | 80.2 | 80.9 | 76.3 | 78.5 | - | 56.9 | 57.5 | 54.8 | 55.8 |
| 355 | Special industry machinery | (*) | 199.8 | 200.1 | 199.7 | 200.2 | (*) | 132.0 | 132.3 | 134.0 | 133.3 |
| 3551 | Food products machinery | - | 44.8 | 44.8 | 43.3 | 43.9 | - | 28.6 | 28.5 | 27.9 | 28.1 |
| 3552 | Textile machinery | - | 40.4 | 40.8 | 42.4 | 41.9 | - | 30.4 | 30.6 | 32.3 | 31.6 |
| 3555 | Printing trades machinery | - | 31.5 | 31.4 | 31.1 | 31.2 | - | 20.1 | 20.2 | 20.6 | 20.2 |
| 356 | General industrial machinery | (*) | 287.1 | 287.3 | 283.1 | 284.4 | (*) | 192.1 | 192.4 | 186.5 | 188.6 |
| 3561 | Pumps and compressors | - | 76.3 | 76.1 | 77.0 | 75.9 | - | 44.5 | 44.6 | 43.5 | 43.4 |
| 3562 | Ball and roller bearings | - | 61.1 | 60.8 | 61.2 | 61.2 | - | 47.3 | 47.1 | 47.4 | 47.3 |
| 3564 | Blowers and fans | - | 32.7 | 32.7 | 32.0 | 32.1 | - | 21.4 | 21.4 | 20.4 | 20.4 |
| 3566 | Power transmission equipment | - | 55.2 | 55.4 | 53.2 | 54.5 | - | 39.7 | 39.7 | 38.4 | 39.3 |
| 357 | Office and computing machines | (*) | 261.5 | 261.3 | 251.1 | 254.3 | (*) | 136.4 | 137.1 | 136.4 | 134.8 |
| 3573 | Electronic computing equipment | - | 167.6 | 168.2 | 158.3 | 163.2 | - | 67.9 | 69.2 | 69.9 | 68.9 |
| 358 | Service industry machines | (*) | 140.8 | 140.6 | 138.1 | 143.5 | (*) | 99.2 | 99.4 | 98.6 | 102.2 |
| 3585 | Refrigeration machinery | - | 91.5 | 90.8 | 89.6 | 93.8 | - | 64.8 | 64.6 | 64.1 | 67.4 |
| 359 | Misc. machinery, except electrical | (*) | 247.9 | 248.3 | 234.3 | 241.8 | (*) | 193.2 | 193.7 | 183.4 | 188.9 |
| 36 | ELECTRICAL EQUIPMENT AND SUPPLIES | 2,029.1 | 1,958.5 | 1,975.5 | 2,019.1 | 2,037.5 | 1,337.7 | 1,274.5 | 1,291.5 | 1,350.6 | 1,357.0 |
| 361 | Electric test & distributing equipment | (*) | 204.5 | 205.5 | 207.5 | 212.4 | (*) | 135.9 | 136.2 | 141.7 | 144.2 |
| 3611 | Electric measuring instruments | - | 73.4 | 73.9 | 68.4 | 72.0 | - | 45.5 | 45.9 | 43.8 | 45.6 |
| 3612 | Transformers | - | 50.1 | 50.4 | 57.2 | 57.6 | - | 34.4 | 34.9 | 41.2 | 41.4 |
| 3613 | Switchgear and switchboard apparatus | - | 81.0 | 81.2 | 81.9 | 82.8 | - | 56.0 | 55.4 | 56.7 | 57.1 |
| 362 | Electrical industrial apparatus | (*) | 199.8 | 201.0 | 215.4 | 217.2 | (*) | 133.9 | 135.0 | 150.3 | 151.6 |
| 3621 | Motors and generators | - | 102.8 | 104.1 | 118.5 | 117.8 | - | 69.4 | 70.8 | 84.6 | 84.0 |
| 3622 | Industrial controls | - | 58.9 | 59.4 | 58.3 | 60.5 | - | 37.6 | 37.8 | 37.6 | 39.4 |
| 363 | Household appliances | (*) | 156.8 | 159.0 | 183.9 | 182.2 | (*) | 121.8 | 123.7 | 146.6 | 144.5 |
| 3632 | Household refrigerators and freezers | - | 51.0 | 50.2 | 61.7 | 59.7 | - | 42.0 | 41.2 | 51.0 | 49.2 |
| 3633 | Household laundry equipment | - | 21.4 | 22.1 | 25.3 | 25.7 | - | 16.1 | 16.9 | 19.9 | 20.0 |
| 3634 | Electric housewares and fans | - | 38.2 | 40.4 | 43.5 | 43.5 | - | 29.3 | 31.2 | 34.2 | 34.4 |
| 364 | Electric lighting and wiring equipment | (*) | 202.9 | 204.8 | 206.8 | 209.4 | (*) | 154.5 | 156.9 | 158.6 | 161.1 |
| 3641 | Electric lamps | - | 33.8 | 34.8 | 39.8 | 39.3 | - | 29.0 | 30.1 | 35.1 | 34.7 |
| 3642 | Lighting fixtures | - | 66.6 | 67.4 | 65.7 | 66.6 | - | 51.5 | 52.5 | 51.0 | 51.8 |
| 3643,4 | Wiring devices | - | 102.5 | 102.6 | 101.3 | 103.5 | - | 74.0 | 74.3 | 72.5 | 74.7 |
| 365 | Radio and TV receiving equipment | (*) | 138.0 | 141.3 | 159.7 | 154.6 | (*) | 99.1 | 102.2 | 120.3 | 115.3 |
| 366 | Communication equipment | (*) | 527.9 | 527.1 | 521.6 | 525.1 | (*) | 259.2 | 259.7 | 255.9 | 257.1 |
| 3661 | Telephone and telegraph apparatus | - | 155.4 | 153.7 | 132.8 | 141.1 | - | 105.1 | 103.9 | 87.3 | 93.8 |
| 3662 | Radio and TV communication equipment | - | 372.5 | 373.4 | 388.8 | 384.0 | - | 154.1 | 155.8 | 168.6 | 163.3 |
| 367 | Electronic components and accessories | (*) | 404.0 | 410.1 | 397.9 | 410.1 | (*) | 275.4 | 280.8 | 279.9 | 286.1 |
| 3671-3 | Electron tubes | - | 64.5 | 65.0 | 73.4 | 70.4 | - | 42.9 | 43.1 | 51.0 | 48.2 |
| 3674,9 | Other electronic components | - | 339.5 | 345.1 | 324.5 | 339.7 | - | 232.5 | 237.7 | 228.9 | 237.8 |
| 369 | Misc. electrical equipment & supplies | (*) | 124.6 | 126.7 | 126.3 | 126.5 | (*) | 94.7 | 97.0 | 97.3 | 97.1 |
| 3694 | Engine electrical equipment | - | 68.8 | 69.9 | 68.6 | 68.4 | - | 53.8 | 54.7 | 53.6 | 53.4 |
| 37 | TRANSPORTATION EQUIPMENT | 1,820.4 | 1,965.8 | 2,009.2 | 2,061.3 | 2,035.4 | 1,234.6 | 1,371.9 | 1,413.0 | 1,457.7 | 1,431.4 |
| 371 | Motor vehicles and equipment | (*) | 889.5 | 920.2 | 912.2 | 900.8 | (*) | 687.8 | 718.4 | 716.4 | 700.4 |
| 3711 | Motor vehicles | - | 382.7 | 400.1 | 388.8 | 380.9 | - | 280.8 | 298.3 | 292.4 | 280.8 |
| 3712 | Passenger car bodies | - | 63.4 | 61.9 | 67.9 | 64.4 | - | 52.4 | 51.4 | 56.1 | 53.0 |
| 3713 | Truck and bus bodies | - | 39.7 | 39.6 | 38.6 | 40.0 | - | 32.3 | 32.2 | 31.2 | 32.6 |
| 3714 | Motor vehicle parts and accessories | - | 372.7 | 387.6 | 387.3 | 384.6 | - | 298.2 | 312.4 | 314.0 | 309.9 |
| 3715 | Truck trailers | - | 31.0 | 31.0 | 29.6 | 30.9 | - | 24.1 | 24.1 | 22.7 | 23.9 |
| 372 | Aircraft and parts | (*) | 758.2 | 767.1 | 829.3 | 805.4 | (*) | 427.7 | 435.8 | 480.3 | 462.9 |
| 3721 | Aircraft | - | 456.8 | 463.7 | 484.1 | 479.0 | - | 251.7 | 257.6 | 269.8 | 267.5 |
| 3722 | Aircraft engines and engine parts | - | 178.7 | 179.1 | 206.8 | 196.5 | - | 95.5 | 96.4 | 117.4 | 109.4 |
| 3723,9 | Other aircraft parts and equipment | - | 122.7 | 124.3 | 138.4 | 130.0 | - | 80.5 | 81.8 | 93.1 | 86.1 |
| 373 | Ship and boat building and repairing | 178.5 | 181.6 | 185.0 | 185.3 | 187.0 | 143.2 | 146.8 | 149.8 | 151.5 | 152.6 |
| 3731 | Ship building and repairing | - | 139.2 | 141.6 | 142.0 | 142.9 | - | 112.8 | 114.3 | 115.6 | 116.3 |

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

**ESTABLISHMENT DATA
EMPLOYMENT**

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

| SIC Code | Industry | (In thousands) | | | | | | | | | |
|----------|---|----------------|-----------|-----------|-----------|-----------|---------------------------------|-----------|-----------|-----------|-----------|
| | | All employees | | | | | Production workers ¹ | | | | |
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| | <i>Durable Goods--Continued</i> | | | | | | | | | | |
| | TRANSPORTATION EQUIPMENT--Continued | | | | | | | | | | |
| 3732 | Boat building and repairing..... | | 42.4 | 43.4 | 43.3 | 44.1 | | 34.0 | 35.5 | 35.9 | 36.3 |
| 374 | Railroad equipment..... | | 49.9 | 50.4 | 50.6 | 52.2 | | 38.2 | 38.6 | 39.4 | 40.7 |
| 375,9 | Other transportation equipment..... | - | 86.6 | 86.5 | 83.9 | 89.9 | - | 71.4 | 70.4 | 70.1 | 74.9 |
| 38 | INSTRUMENTS AND RELATED PRODUCTS | 455.2 | 463.9 | 470.1 | 465.0 | 470.0 | 277.7 | 283.5 | 288.8 | 288.0 | 289.9 |
| 381 | Engineering & scientific instruments..... | - | 73.3 | 75.7 | 83.0 | 78.7 | - | 35.2 | 37.2 | 41.3 | 38.5 |
| 382 | Mechanical measuring & control devices.... | 112.9 | 112.7 | 113.4 | 110.6 | 112.9 | 70.8 | 71.3 | 72.1 | 70.6 | 71.8 |
| 3821 | Mechanical measuring devices..... | - | 69.0 | 69.5 | 67.1 | 68.6 | - | 41.0 | 41.6 | 40.1 | 40.9 |
| 3822 | Automatic temperature controls..... | - | 43.7 | 43.9 | 43.5 | 44.3 | - | 30.3 | 30.5 | 30.5 | 30.9 |
| 383,5 | Optical and ophthalmic goods..... | 50.8 | 51.1 | 51.8 | 50.3 | 51.1 | 35.8 | 36.1 | 36.3 | 35.7 | 36.2 |
| 385 | Ophthalmic goods..... | - | 33.0 | 33.1 | 31.7 | 32.4 | - | 25.1 | 25.1 | 24.1 | 24.7 |
| 384 | Medical instruments and supplies..... | 77.5 | 78.1 | 78.8 | 74.7 | 76.9 | 52.5 | 52.9 | 53.8 | 51.5 | 52.7 |
| 386 | Photographic equipment and supplies..... | (*) | 115.5 | 115.8 | 110.7 | 114.1 | (*) | 61.2 | 61.4 | 59.9 | 61.2 |
| 387 | Watches, clocks, and watchcases..... | - | 33.2 | 34.6 | 35.7 | 36.4 | - | 26.8 | 28.0 | 29.0 | 29.6 |
| | MISCELLANEOUS MANUFACTURING INDUSTRIES | 424.6 | 420.5 | 447.7 | 421.1 | 443.8 | 328.4 | 324.1 | 349.2 | 326.1 | 347.0 |
| 391 | Jewelry, silverware, and plated ware..... | 50.9 | 51.1 | 52.5 | 51.4 | 51.7 | 38.3 | 38.3 | 39.5 | 39.2 | 39.1 |
| 394 | Toys and sporting goods..... | - | 105.7 | 127.1 | 103.9 | 126.1 | - | 84.0 | 103.3 | 86.8 | 103.5 |
| 3941-3 | Games, toys, dolls, & play vehicles.... | - | 54.1 | 73.1 | 57.6 | 73.2 | - | 41.8 | 59.5 | 45.1 | 60.3 |
| 3949 | Sporting and athletic goods, n e c..... | - | 51.6 | 54.0 | 51.3 | 52.9 | - | 42.2 | 43.8 | 41.7 | 43.2 |
| 395 | Pens, pencils, office, and art supplies.... | - | 33.8 | 35.0 | 33.7 | 34.0 | - | 24.4 | 25.5 | 23.6 | 24.4 |
| 396 | Costume jewelry and notions..... | - | 59.7 | 61.7 | 60.2 | 61.7 | - | 49.1 | 50.9 | 49.2 | 50.8 |
| 393,8,9 | Other manufacturing industries..... | 169.1 | 170.2 | 171.4 | 166.9 | 170.3 | 127.3 | 128.3 | 130.0 | 127.3 | 129.3 |
| 393 | Musical instruments and parts..... | - | 24.5 | 24.5 | 24.7 | 24.7 | - | 19.3 | 19.4 | 19.5 | 19.6 |
| | <i>Nondurable Goods</i> | | | | | | | | | | |
| 20 | FOOD AND KINDRED PRODUCTS | 1,724.5 | 1,739.1 | 1,790.3 | 1,720.3 | 1,793.6 | 1,140.0 | 1,156.9 | 1,204.4 | 1,140.2 | 1,204.5 |
| 201 | Meat products..... | 334.8 | 335.5 | 345.9 | 332.4 | 337.9 | 270.2 | 270.8 | 280.6 | 266.9 | 272.5 |
| 2011 | Meat packing plants..... | - | 183.6 | 185.0 | 186.2 | 184.2 | - | 143.8 | 145.0 | 145.0 | 143.5 |
| 2013 | Sausages and other prepared meats..... | - | 58.5 | 58.9 | 58.0 | 58.0 | - | 42.1 | 42.3 | 42.0 | 41.8 |
| 2015 | Poultry dressing plants..... | - | 93.4 | 102.0 | 88.2 | 95.7 | - | 84.9 | 93.3 | 79.9 | 87.2 |
| 202 | Dairy products..... | 242.7 | 242.6 | 243.3 | 250.2 | 252.5 | 114.2 | 113.6 | 113.8 | 117.3 | 119.2 |
| 2024 | Ice cream and frozen desserts..... | - | 23.5 | 23.9 | 25.9 | 27.4 | - | 11.6 | 12.1 | 13.2 | 14.2 |
| 2026 | Fluid milk..... | - | 173.2 | 173.2 | 178.0 | 177.9 | - | 66.6 | 66.1 | 68.2 | 68.2 |
| 203 | Canned, cured, and frozen foods..... | - | 236.9 | 255.5 | 231.9 | 282.6 | - | 192.2 | 210.4 | 188.6 | 237.6 |
| 2031,6 | Canned, cured, and frozen sea foods.... | - | 36.4 | 39.6 | 36.0 | 41.9 | - | 31.1 | 34.1 | 31.2 | 36.8 |
| 2032,3 | Canned food, except sea foods..... | - | 110.7 | 119.4 | 114.2 | 146.7 | - | 85.1 | 93.6 | 89.5 | 120.7 |
| 2037 | Frozen fruits and vegetables..... | - | 59.2 | 63.6 | 52.1 | 59.4 | - | 52.2 | 56.7 | 45.3 | 52.6 |
| 204 | Grain mill products..... | 138.1 | 137.7 | 139.4 | 132.6 | 136.6 | 98.4 | 97.8 | 98.9 | 93.3 | 97.1 |
| 2041 | Flour and other grain mill products..... | - | 32.2 | 32.5 | 31.4 | 31.3 | - | 23.8 | 24.2 | 22.9 | 23.0 |
| 2042 | Prepared feeds for animals and fowls.... | - | 64.5 | 65.4 | 60.8 | 64.2 | - | 43.0 | 43.2 | 39.7 | 42.7 |
| 205 | Bakery products..... | 275.6 | 274.8 | 278.7 | 274.2 | 275.4 | 162.4 | 162.7 | 165.3 | 159.3 | 160.8 |
| 2051 | Bread, cake, and related products..... | - | 228.2 | 232.3 | 231.7 | 232.9 | - | 124.3 | 127.2 | 124.5 | 126.5 |
| 2052 | Cookies and crackers..... | - | 46.6 | 46.4 | 42.5 | 42.5 | - | 38.4 | 38.1 | 34.8 | 34.3 |
| 206 | Sugar..... | - | 46.6 | 51.4 | 45.2 | 40.4 | - | 37.8 | 42.6 | 38.7 | 32.3 |
| 207 | Confectionery and related products..... | 88.0 | 87.2 | 91.6 | 83.5 | 85.3 | 72.1 | 71.5 | 75.9 | 68.3 | 70.0 |
| 2071 | Confectionery products..... | - | 71.0 | 75.2 | 67.9 | 69.3 | - | 59.4 | 63.5 | 56.8 | 58.1 |
| 208 | Beverages..... | 230.3 | 234.2 | 237.2 | 226.9 | 238.0 | 113.4 | 117.3 | 120.6 | 114.4 | 121.2 |
| 2082 | Malt liquors..... | - | 60.5 | 60.8 | 58.7 | 60.0 | - | 39.7 | 40.0 | 39.3 | 39.7 |
| 2086 | Bottled and canned soft drinks..... | - | 128.2 | 128.8 | 125.9 | 131.1 | - | 47.2 | 47.9 | 47.1 | 49.7 |
| 209 | Misc. foods and kindred products..... | 144.2 | 143.6 | 147.3 | 143.4 | 144.9 | 93.6 | 93.2 | 96.3 | 93.4 | 94.0 |
| 21 | TOBACCO MANUFACTURES | 77.7 | 78.6 | 82.2 | 83.1 | 80.6 | 64.7 | 65.7 | 69.0 | 70.4 | 67.7 |
| 211 | Cigarettes..... | - | 40.3 | 40.5 | 41.7 | 40.7 | - | 32.7 | 32.8 | 34.2 | 33.0 |
| 212 | Cigars..... | - | 18.8 | 19.1 | 20.0 | 19.5 | - | 17.1 | 17.4 | 18.6 | 17.9 |
| 22 | TEXTILE MILL PRODUCTS | 967.0 | 974.2 | 981.8 | 987.5 | 987.2 | 848.6 | 856.4 | 863.4 | 873.0 | 870.7 |
| 221 | Weaving mills, cotton..... | 223.9 | 225.3 | 226.4 | 230.2 | 226.4 | 203.6 | 205.0 | 205.6 | 209.8 | 205.8 |
| 222 | Weaving mills, synthetics..... | (*) | 100.9 | 101.7 | 101.9 | 101.5 | (*) | 89.5 | 90.4 | 91.5 | 90.8 |
| 223 | Weaving and finishing mills, wool..... | 42.5 | 42.7 | 42.6 | 44.4 | 44.0 | 36.5 | 36.7 | 36.5 | 38.0 | 37.7 |
| 224 | Narrow fabric mills..... | 31.1 | 31.5 | 31.5 | 31.7 | 31.7 | 27.5 | 27.9 | 27.8 | 28.3 | 28.2 |
| 225 | Knitting mills..... | (*) | 234.0 | 238.9 | 242.3 | 245.1 | (*) | 205.0 | 209.6 | 213.9 | 216.1 |
| 2251 | Women's hosiery, except socks..... | - | 64.3 | 65.3 | 65.9 | 65.6 | - | 58.0 | 59.2 | 59.8 | 59.5 |
| 2252 | Hosiery, n e c..... | - | 36.9 | 36.7 | 37.7 | 37.8 | - | 32.8 | 32.8 | 34.0 | 34.0 |
| 2253 | Knit outerwear mills..... | - | 62.9 | 66.5 | 69.4 | 70.8 | - | 53.4 | 56.6 | 59.6 | 60.8 |
| 2254 | Knit underwear mills..... | - | 32.8 | 33.3 | 33.9 | 34.1 | - | 29.0 | 29.2 | 30.0 | 30.1 |

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

ESTABLISHMENT DATA EMPLOYMENT

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

| SIC Code | Industry | (In thousands) | | | | | Production workers ¹ | | | | |
|-----------|--|----------------|-----------|-----------|-----------|-----------|---------------------------------|-----------|-----------|-----------|-----------|
| | | All employees | | | | | | | | | |
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| | <i>Nonurable Goods--Continued</i> | | | | | | | | | | |
| | TEXTILE MILL PRODUCTS--Continued | | | | | | | | | | |
| 226 | Textile finishing, except wool | 85.6 | 85.5 | 86.0 | 82.5 | 83.9 | 72.5 | 72.5 | 73.0 | 69.9 | 71.1 |
| 227 | Floor covering mills | - | 55.4 | 56.0 | 52.6 | 54.2 | - | 44.0 | 44.7 | 42.4 | 43.5 |
| 228 | Yarn and thread mills | 121.8 | 122.5 | 122.3 | 121.5 | 121.8 | 112.4 | 113.0 | 113.0 | 112.5 | 112.6 |
| 229 | Miscellaneous textile goods | 75.6 | 76.4 | 76.4 | 80.4 | 78.7 | 61.9 | 62.8 | 62.8 | 66.7 | 65.0 |
| 23 | APPAREL AND OTHER TEXTILE PRODUCTS... | 1,407.2 | 1,394.0 | 1,412.9 | 1,397.1 | 1,417.5 | 1,235.6 | 1,222.6 | 1,240.2 | 1,228.6 | 1,245.4 |
| 231 | Men's and boys' suits and coats | 134.1 | 134.6 | 137.3 | 135.4 | 136.7 | 116.8 | 117.3 | 119.6 | 118.8 | 119.7 |
| 232 | Men's and boys' furnishings | 378.4 | 374.5 | 376.7 | 364.2 | 372.6 | 335.1 | 331.3 | 333.9 | 323.1 | 330.5 |
| 2321 | Men's and boys' shirts and nightwear ... | - | 123.6 | 124.4 | 118.3 | 121.2 | - | 110.5 | 111.4 | 105.8 | 108.5 |
| 2327 | Men's and boys' separate trousers | - | 79.0 | 79.2 | 80.9 | 80.7 | - | 71.5 | 71.9 | 73.8 | 73.4 |
| 2328 | Men's and boys' work clothing | - | 87.1 | 87.3 | 83.3 | 85.9 | - | 75.0 | 75.2 | 72.3 | 74.2 |
| 233 | Women's and misses' outerwear | 442.7 | 430.7 | 429.4 | 422.5 | 430.5 | 394.5 | 383.2 | 381.4 | 374.4 | 382.0 |
| 2331 | Women's and misses' blouses and waists ... | - | 51.1 | 51.7 | 50.5 | 51.3 | - | 46.1 | 46.4 | 45.2 | 45.8 |
| 2335 | Women's and misses' dresses | - | 201.6 | 201.3 | 198.7 | 203.0 | - | 181.7 | 181.1 | 177.8 | 182.3 |
| 2337 | Women's and misses' suits and coats ... | - | 88.0 | 87.2 | 87.3 | 89.3 | - | 77.6 | 76.8 | 77.2 | 78.9 |
| 2339 | Women's and misses' outerwear, n e c ... | - | 90.0 | 89.2 | 86.0 | 87.0 | - | 77.8 | 77.1 | 74.2 | 74.9 |
| 234 | Women's and children's undergarments ... | 119.7 | 119.7 | 124.3 | 125.7 | 125.4 | 103.7 | 103.5 | 107.8 | 109.6 | 109.2 |
| 2341 | Women's and children's underwear | - | 82.6 | 85.9 | 84.7 | 85.8 | - | 72.8 | 75.8 | 75.0 | 75.9 |
| 2342 | Corsets and allied garments | - | 37.1 | 38.4 | 41.0 | 39.7 | - | 30.7 | 32.0 | 34.6 | 33.3 |
| 235 | Hats, caps, and millinery | - | 18.6 | 19.8 | 21.9 | 20.5 | - | 16.7 | 17.6 | 19.7 | 18.4 |
| 236 | Children's outerwear | 80.5 | 77.7 | 76.8 | 79.2 | 79.6 | 71.6 | 69.1 | 68.1 | 70.9 | 70.7 |
| 2361 | Children's dresses and blouses | - | 33.7 | 33.1 | 34.3 | 34.5 | - | 30.5 | 29.9 | 31.1 | 31.1 |
| 237,8 | Fur goods and miscellaneous apparel ... | - | 72.4 | 76.5 | 74.5 | 78.2 | - | 61.5 | 66.0 | 64.3 | 67.4 |
| 239 | Misc. fabricated textile products | (*) | 165.8 | 172.1 | 173.7 | 174.2 | (*) | 140.0 | 145.8 | 147.8 | 147.5 |
| 2391,2 | Housefurnishings | - | 62.5 | 64.7 | 62.4 | 63.9 | - | 53.7 | 55.7 | 53.7 | 54.9 |
| 26 | PAPER AND ALLIED PRODUCTS... | 716.9 | 720.1 | 727.1 | 703.5 | 716.2 | 552.4 | 556.4 | 563.6 | 545.3 | 555.1 |
| 261,2,6 | Paper and pulp mills | 224.0 | 226.0 | 227.2 | 220.0 | 224.4 | 172.4 | 174.6 | 176.6 | 172.0 | 174.8 |
| 263 | Paperboard mills | 73.7 | 73.9 | 73.8 | 73.5 | 73.4 | 59.0 | 59.1 | 59.0 | 58.0 | 58.2 |
| 264 | Misc. converted paper products | 188.7 | 188.0 | 190.6 | 181.2 | 186.6 | 136.7 | 136.7 | 138.7 | 131.7 | 135.7 |
| 2643 | Bags, except textile bags | - | 43.1 | 43.3 | 42.8 | 42.6 | - | 35.0 | 35.0 | 34.5 | 34.5 |
| 265 | Paperboard containers and boxes | 230.5 | 232.2 | 235.5 | 228.8 | 231.8 | 184.3 | 186.0 | 189.3 | 183.6 | 186.4 |
| 2651,2 | Folding and setup paperboard boxes ... | - | 72.8 | 74.8 | 71.2 | 72.5 | - | 60.4 | 62.3 | 58.9 | 60.3 |
| 2653 | Corrugated and solid fiber boxes | - | 107.2 | 108.0 | 105.0 | 106.5 | - | 82.8 | 83.9 | 81.4 | 82.6 |
| 2654 | Sanitary food containers | - | 32.5 | 33.0 | 32.7 | 32.8 | - | 26.5 | 26.7 | 26.6 | 26.7 |
| 27 | PRINTING AND PUBLISHING... | 1,100.6 | 1,101.1 | 1,108.9 | 1,070.1 | 1,086.5 | 682.5 | 683.1 | 689.9 | 668.2 | 676.4 |
| 271 | Newspapers | 368.2 | 367.9 | 371.9 | 361.1 | 365.7 | 179.5 | 179.0 | 182.0 | 177.2 | 179.2 |
| 272 | Periodicals | - | 79.0 | 79.7 | 78.1 | 78.5 | - | 27.7 | 28.2 | 28.2 | 27.8 |
| 273 | Books | - | 98.4 | 98.2 | 95.4 | 96.5 | - | 55.4 | 54.4 | 54.3 | 53.9 |
| 275 | Commercial printing | 351.4 | 353.1 | 355.3 | 341.2 | 346.1 | 272.8 | 273.9 | 276.3 | 265.8 | 269.2 |
| 2751 | Commercial printing, ex. lithographic ... | - | 217.3 | 219.3 | 209.7 | 213.4 | - | 170.2 | 172.4 | 165.2 | 167.8 |
| 2752 | Commercial printing, lithographic | - | 123.4 | 123.7 | 119.7 | 120.6 | - | 94.4 | 94.6 | 91.5 | 92.2 |
| 278 | Blankbooks and bookbinding | 60.4 | 60.4 | 60.3 | 55.8 | 58.3 | 49.9 | 50.0 | 50.1 | 45.8 | 48.2 |
| 274,6,7,9 | Other publishing & printing ind. | (*) | 142.3 | 143.5 | 138.5 | 141.3 | (*) | 97.1 | 98.9 | 96.9 | 98.2 |
| 28 | CHEMICALS AND ALLIED PRODUCTS... | 1,049.3 | 1,045.2 | 1,049.7 | 1,030.9 | 1,049.1 | 606.6 | 607.2 | 611.0 | 610.3 | 617.3 |
| 281 | Industrial chemicals | (*) | 315.3 | 315.9 | 309.9 | 314.2 | (*) | 173.3 | 173.2 | 169.4 | 172.8 |
| 2812 | Alkalies and chlorine | - | 25.3 | 25.5 | 25.7 | 25.7 | - | 17.8 | 17.9 | 17.8 | 17.9 |
| 2818 | Industrial organic chemicals, n e c ... | - | 124.7 | 125.1 | 122.1 | 124.2 | - | 55.3 | 55.4 | 53.9 | 55.4 |
| 2819 | Industrial inorganic chemicals, n e c ... | - | 97.7 | 97.3 | 95.4 | 96.7 | - | 56.8 | 56.5 | 55.0 | 56.1 |
| 282 | Plastics materials and synthetics | 225.7 | 226.7 | 227.4 | 219.4 | 224.4 | 146.5 | 147.6 | 148.4 | 146.3 | 147.6 |
| 2821 | Plastics materials and resins | - | 98.3 | 98.3 | 95.0 | 97.3 | - | 59.8 | 60.1 | 59.3 | 59.7 |
| 2823,4 | Synthetic fibers | - | 115.1 | 115.7 | 111.9 | 114.0 | - | 78.9 | 79.4 | 79.2 | 79.4 |
| 283 | Drugs | 145.2 | 145.4 | 145.3 | 138.4 | 142.6 | 71.2 | 71.4 | 71.4 | 70.8 | 71.2 |
| 2834 | Pharmaceutical preparations | - | 114.0 | 114.1 | 108.1 | 111.8 | - | 55.3 | 55.4 | 54.2 | 55.2 |
| 284 | Soap, cleaners, and toilet goods | 123.3 | 123.1 | 125.0 | 118.8 | 122.9 | 70.5 | 70.9 | 73.2 | 70.9 | 72.7 |
| 2841 | Soap and other detergents | - | 40.0 | 40.4 | 39.7 | 40.1 | - | 25.9 | 26.4 | 26.2 | 26.3 |
| 2844 | Toilet preparations | - | 51.5 | 52.9 | 48.7 | 51.7 | - | 30.1 | 31.9 | 29.7 | 31.5 |
| 285 | Paints and allied products | (*) | 69.8 | 70.5 | 69.8 | 71.5 | (*) | 38.7 | 39.1 | 38.2 | 39.6 |
| 287 | Agricultural chemicals | 57.6 | 54.9 | 53.8 | 54.8 | 55.3 | 36.3 | 33.9 | 32.6 | 34.0 | 34.4 |
| 2871,2 | Fertilizers, complete & mixing only ... | - | 37.9 | 37.2 | 37.5 | 38.4 | - | 25.5 | 24.6 | 25.8 | 26.0 |
| 286,9 | Other chemical products | 108.5 | 110.0 | 111.8 | 119.8 | 118.2 | 70.0 | 71.4 | 73.1 | 80.7 | 79.1 |
| 2892 | Explosives | - | 38.8 | 40.5 | 47.6 | 45.5 | - | 28.7 | 30.3 | 36.8 | 35.0 |
| 29 | PETROLEUM AND COAL PRODUCTS... | 189.9 | 189.1 | 190.0 | 124.8 | 183.8 | 116.2 | 115.8 | 115.8 | 70.9 | 113.0 |
| 291 | Petroleum refining | 154.1 | 153.3 | 153.0 | 90.4 | 146.3 | 91.0 | 90.8 | 89.7 | 46.8 | 86.1 |
| 295,9 | Other petroleum and coal products | 35.8 | 35.8 | 37.0 | 34.4 | 37.5 | 25.2 | 25.0 | 26.1 | 24.1 | 26.8 |

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

**ESTABLISHMENT DATA
EMPLOYMENT**

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

| SIC Code | Industry | (In thousands) | | | | | | | | | | |
|-------------|--|----------------|-----------|-----------|-----------|-----------|---------------------------------|-----------|-----------|-----------|-----------|--|
| | | All employees | | | | | Production workers ¹ | | | | | |
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | |
| | <i>Nondurable Goods--Continued</i> | | | | | | | | | | | |
| 30 | RUBBER AND PLASTICS PRODUCTS, N.E.C. | 573.8 | 580.3 | 586.7 | 572.3 | 581.0 | 440.9 | 447.6 | 453.0 | 443.1 | 450.1 | |
| 301 | Tires and inner tubes..... | 120.5 | 120.4 | 120.9 | 114.8 | 118.2 | 83.5 | 84.4 | 84.5 | 79.6 | 82.5 | |
| 302,3,6 | Other rubber products..... | (*) | 178.9 | 181.5 | 185.1 | 183.4 | (*) | 139.9 | 142.0 | 145.2 | 144.0 | |
| 302 | Rubber footwear..... | - | 23.4 | 24.6 | 26.1 | 25.6 | - | 19.7 | 20.7 | 22.0 | 21.6 | |
| 307 | Miscellaneous plastics products..... | 278.7 | 281.0 | 284.3 | 272.4 | 279.4 | 221.4 | 223.3 | 226.5 | 218.3 | 223.7 | |
| 31 | LEATHER AND LEATHER PRODUCTS... | 335.3 | 336.6 | 341.4 | 352.9 | 345.2 | 287.0 | 288.1 | 292.2 | 304.0 | 296.0 | |
| 311 | Leather tanning and finishing..... | 27.3 | 27.7 | 28.3 | 29.9 | 29.1 | 23.5 | 24.0 | 24.5 | 25.9 | 25.2 | |
| 314 | Footwear, except rubber..... | 220.8 | 224.2 | 225.7 | 232.9 | 226.8 | 192.1 | 195.3 | 196.3 | 203.7 | 197.6 | |
| 312,3,5-7,9 | Other leather products..... | 87.2 | 84.7 | 87.4 | 90.1 | 89.2 | 71.4 | 68.8 | 71.4 | 74.4 | 73.2 | |
| 316 | Luggage..... | - | 20.0 | 20.7 | 20.8 | 21.5 | - | 15.6 | 16.3 | 16.7 | 17.2 | |
| 317 | Handbags and personal leather goods..... | - | 35.1 | 35.6 | 38.1 | 36.6 | - | 29.5 | 30.0 | 32.3 | 30.9 | |
| | TRANSPORTATION AND PUBLIC UTILITIES..... | 4,430 | 4,450 | 4,498 | 4,288 | 4,448 | | | | | | |
| 40 | RAILROAD TRANSPORTATION..... | - | 626.2 | 635.3 | 641.1 | 645.3 | - | - | - | - | - | |
| 4011 | Class I railroads..... | - | 558.9 | 563.6 | 565.2 | 571.8 | - | - | - | - | - | |
| | LOCAL AND INTERURBAN PASSENGER TRANSIT..... | - | 294.7 | 293.5 | 289.0 | 282.5 | - | - | - | - | - | |
| 411 | Local and suburban transportation..... | - | 79.4 | 79.9 | 82.3 | 80.3 | - | 74.5 | 75.3 | 78.1 | 75.9 | |
| 412 | Taxicabs..... | - | 114.1 | 114.2 | 111.5 | 109.7 | - | - | - | - | - | |
| 413 | Intercity highway transportation..... | - | 42.5 | 42.6 | 42.5 | 43.0 | - | 39.1 | 39.0 | 39.0 | 39.3 | |
| 42 | TRUCKING AND WAREHOUSING..... | - | 1,073.7 | 1,108.7 | 1,042.6 | 1,087.9 | - | 969.5 | 1,003.8 | 940.6 | 985.4 | |
| 421,3 | Trucking and trucking terminals..... | - | 988.0 | 1,019.7 | 962.0 | 1,003.5 | - | 895.2 | 926.1 | 870.9 | 912.0 | |
| 422 | Public warehousing..... | - | 85.7 | 89.0 | 80.6 | 84.4 | - | 74.3 | 77.7 | 69.7 | 73.4 | |
| 45 | TRANSPORTATION BY AIR..... | - | 355.0 | 355.9 | 340.4 | 350.5 | - | - | - | - | - | |
| 451,2 | Air transportation..... | - | 321.2 | 321.7 | 307.3 | 316.7 | - | - | - | - | - | |
| 46 | PIPE LINE TRANSPORTATION..... | - | 18.1 | 18.2 | 18.0 | 18.6 | - | 14.5 | 14.5 | 14.6 | 15.0 | |
| 44,47 | OTHER TRANSPORTATION AND SERVICES..... | - | 326.8 | 331.0 | 283.2 | 338.4 | - | - | - | - | - | |
| 44 | WATER TRANSPORTATION..... | - | 222.9 | 223.4 | 184.9 | 234.5 | - | - | - | - | - | |
| 47 | TRANSPORTATION SERVICES..... | - | 103.9 | 107.6 | 98.3 | 103.8 | - | - | - | - | - | |
| 48 | COMMUNICATION..... | - | 1,090.6 | 1,090.6 | 1,018.9 | 1,061.6 | - | 858.5 | 858.1 | 798.5 | 835.1 | |
| 481 | Telephone communication..... | - | 907.9 | 907.4 | 846.0 | 882.5 | - | 725.0 | 724.8 | 670.1 | 703.6 | |
| 482 | Telegraph communication ³ | - | 31.5 | 31.7 | 32.1 | 32.2 | - | 21.7 | 21.9 | 22.3 | 22.3 | |
| 483 | Radio and television broadcasting..... | - | 133.8 | 134.4 | 126.0 | 130.9 | - | 105.8 | 105.5 | 100.8 | 103.6 | |
| 49 | ELECTRIC, GAS, AND SANITARY SERVICES..... | - | 664.8 | 664.6 | 654.8 | 663.6 | - | 570.5 | 570.3 | 565.5 | 570.6 | |
| 491 | Electric companies and systems..... | - | 277.1 | 277.2 | 269.1 | 275.0 | - | 236.0 | 235.7 | 229.8 | 234.7 | |
| 492 | Gas companies and systems..... | - | 156.4 | 156.1 | 157.2 | 158.1 | - | 133.0 | 132.6 | 134.2 | 134.8 | |
| 493 | Combination companies and systems..... | - | 183.3 | 183.3 | 181.8 | 183.0 | - | 159.3 | 160.0 | 160.5 | 159.5 | |
| 494-7 | Water, steam, & sanitary systems..... | - | 48.2 | 48.0 | 46.7 | 47.4 | - | 42.2 | 42.0 | 41.0 | 41.7 | |
| - | WHOLESALE AND RETAIL TRADE..... | 14,594 | 14,683 | 15,642 | 14,189 | 14,644 | 12,959 | 13,046 | 13,997 | 12,622 | 13,035 | |
| 50 | WHOLESALE TRADE..... | 3,836 | 3,833 | 3,875 | 3,671 | 3,767 | 3,225 | 3,218 | 3,262 | 3,090 | 3,169 | |
| 501 | Motor vehicles & automotive equipment..... | - | 315.9 | 316.6 | 296.3 | 305.8 | - | 259.6 | 261.2 | 245.6 | 252.9 | |
| 502 | Drugs, chemicals, and allied products..... | - | 237.9 | 241.3 | 227.1 | 233.7 | - | 193.3 | 197.1 | 188.4 | 192.1 | |
| 503 | Dry goods and apparel..... | - | 150.3 | 153.4 | 146.0 | 149.4 | - | 118.9 | 122.2 | 117.4 | 118.9 | |
| 504 | Groceries and related products..... | - | 554.6 | 566.3 | 533.5 | 549.7 | - | 485.9 | 497.3 | 466.1 | 480.9 | |
| 506 | Electrical goods..... | - | 314.7 | 315.1 | 298.1 | 306.7 | - | 264.2 | 263.4 | 247.0 | 255.3 | |
| 507 | Hardware, plumbing & heating equipment..... | - | 171.8 | 172.7 | 166.2 | 170.4 | - | 145.3 | 146.3 | 140.4 | 144.2 | |
| 508 | Machinery, equipment, and supplies..... | - | 759.0 | 756.4 | 720.6 | 738.5 | - | 644.9 | 642.5 | 611.1 | 626.9 | |
| 509 | Miscellaneous wholesalers..... | - | 1,247.7 | 1,262.0 | 1,197.8 | 1,230.6 | - | 1,039.3 | 1,055.3 | 1,001.7 | 1,029.1 | |
| 52-59 | RETAIL TRADE..... | 10,758 | 10,850 | 11,767 | 10,518 | 10,876 | 9,734 | 9,828 | 10,735 | 9,532 | 9,867 | |
| 53 | RETAIL GENERAL MERCHANDISE..... | - | 2,322.8 | 2,875.5 | 2,214.1 | 2,296.9 | - | 2,129.9 | 2,678.5 | 2,034.4 | 2,111.6 | |
| 531 | Department stores..... | - | 1,530.5 | 1,922.6 | 1,461.0 | 1,510.1 | - | 1,406.7 | 1,795.7 | 1,342.9 | 1,390.6 | |
| 532 | Mail order houses..... | - | 136.9 | 167.0 | 127.2 | 129.9 | - | 127.8 | 157.8 | 120.9 | 121.3 | |
| 533 | Variety stores..... | - | 331.3 | 409.7 | 314.0 | 330.7 | - | 304.8 | 382.4 | 291.5 | 305.8 | |
| 54 | FOOD STORES..... | - | 1,732.1 | 1,763.0 | 1,673.1 | 1,692.3 | - | 1,614.5 | 1,642.5 | 1,563.0 | 1,576.7 | |
| 541-3 | Grocery, meat, and vegetable stores..... | - | 1,561.1 | 1,583.6 | 1,508.0 | 1,523.2 | - | 1,454.4 | 1,475.2 | 1,410.7 | 1,419.9 | |

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

**ESTABLISHMENT DATA
EMPLOYMENT**

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

| SIC Code | Industry | (In thousands) | | | | | | | | | |
|--|---|----------------|-----------|-----------|-----------|-----------|---------------------------------|-----------|-----------|-----------|-----------|
| | | All employees | | | | | Production workers ¹ | | | | |
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| WHOLESALE AND RETAIL TRADE (Continued) | | | | | | | | | | | |
| 56 | APPAREL AND ACCESSORY STORES | - | 701.1 | 819.5 | 701.6 | 702.6 | - | 630.4 | 747.8 | 629.2 | 631.6 |
| 561 | Men's & boys' clothing & furnishings | - | 133.1 | 157.4 | 126.3 | 124.5 | - | 120.0 | 143.9 | 113.5 | 111.5 |
| 562 | Women's ready-to-wear stores | - | 258.8 | 299.2 | 257.6 | 261.3 | - | 232.7 | 272.7 | 231.9 | 235.4 |
| 565 | Family clothing stores | - | 108.0 | 134.0 | 110.8 | 108.8 | - | 100.8 | 126.8 | 102.8 | 101.4 |
| 566 | Shoe stores | - | 128.0 | 146.2 | 135.3 | 135.5 | - | 112.2 | 130.2 | 118.1 | 119.2 |
| 57 | FURNITURE AND HOME FURNISHINGS STORES | - | 444.7 | 460.4 | 439.1 | 442.6 | - | 388.8 | 404.3 | 385.1 | 387.6 |
| 571 | Furniture and home furnishings | - | 285.2 | 294.6 | 280.2 | 283.5 | - | 247.8 | 257.2 | 244.8 | 247.1 |
| 58 | EATING AND DRINKING PLACES | - | 2,302.2 | 2,393.2 | 2,224.3 | 2,409.7 | - | 2,148.0 | 2,236.4 | 2,075.1 | 2,253.1 |
| 52,55,59 | OTHER RETAIL TRADE | - | 3,347.2 | 3,455.1 | 3,265.6 | 3,332.0 | - | 2,916.0 | 3,025.3 | 2,845.4 | 2,906.0 |
| 52 | Building materials and farm equipment | - | 532.6 | 551.4 | 527.3 | 547.6 | - | 453.9 | 472.9 | 449.8 | 469.8 |
| 55 | Automotive dealers & service stations | - | 1,602.4 | 1,616.8 | 1,564.7 | 1,595.4 | - | - | - | - | - |
| 551,2 | Motor vehicle dealers | - | 775.5 | 777.0 | 764.7 | 771.9 | - | 656.6 | 658.8 | 647.1 | 654.0 |
| 553,9 | Other automotive & accessory dealers | - | 225.1 | 234.4 | 211.1 | 222.8 | - | 194.5 | 203.5 | 180.5 | 191.9 |
| 554 | Gasoline service stations | - | 601.8 | 605.4 | 588.9 | 600.7 | - | - | - | - | - |
| 59 | Miscellaneous retail stores | - | 1,212.2 | 1,286.9 | 1,173.6 | 1,189.1 | - | - | - | - | - |
| 591 | Drug stores and proprietary stores | - | 432.3 | 453.4 | 434.9 | 432.6 | - | 386.0 | 406.7 | 391.7 | 387.4 |
| 594 | Book and stationery stores | - | 64.9 | 67.0 | 61.0 | 61.3 | - | 56.3 | 58.5 | 52.8 | 52.8 |
| 596 | Farm and garden supply stores | - | 108.0 | 107.7 | 103.5 | 108.1 | - | - | - | - | - |
| 598 | Fuel and ice dealers | - | 118.9 | 115.9 | 119.4 | 109.3 | - | 103.4 | 100.6 | 104.9 | 95.1 |
| FINANCE, INSURANCE, AND REAL ESTATE⁴ | | 3,617 | 3,603 | 3,609 | 3,448 | 3,559 | 2,861 | 2,855 | 2,866 | 2,736 | 2,829 |
| 60 | Banking | - | 1,018.7 | 1,012.4 | 940.3 | 981.4 | - | 842.3 | 840.1 | 778.7 | 813.8 |
| 61 | Credit agencies other than banks | - | 367.9 | 366.3 | 354.0 | 360.6 | - | 287.1 | 286.2 | 276.7 | 282.0 |
| 612 | Savings and loan associations | - | 107.2 | 106.0 | 102.3 | 104.4 | - | 85.4 | 84.6 | 81.8 | 83.3 |
| 614 | Personal credit institutions | - | 194.5 | 194.3 | 189.6 | 192.1 | - | - | - | - | - |
| 62 | Security, commodity brokers & services | - | 206.2 | 205.5 | 209.0 | 213.8 | - | 177.3 | 179.5 | 184.2 | 188.5 |
| 63 | Insurance carriers | - | 1,037.6 | 1,039.6 | 996.8 | 1,020.1 | - | 730.5 | 731.2 | 696.5 | 713.7 |
| 631 | Life insurance | - | 536.5 | 537.3 | 518.3 | 527.7 | - | 319.2 | 319.5 | 303.6 | 310.6 |
| 632 | Accident and health insurance | - | 90.1 | 89.3 | 83.6 | 86.7 | - | 77.3 | 76.9 | 72.1 | 74.7 |
| 633 | Fire, marine, and casualty insurance | - | 365.8 | 367.4 | 350.0 | 360.0 | - | 296.2 | 296.7 | 283.2 | 290.1 |
| 64 | Insurance agents, brokers, and service | - | 275.6 | 275.8 | 260.8 | 269.8 | - | - | - | - | - |
| 65 | Real estate | - | 618.2 | 629.7 | 608.3 | 632.6 | - | - | - | - | - |
| 655 | Subdividers and developers | - | 73.7 | 78.5 | 73.2 | 83.1 | - | - | - | - | - |
| 656 | Operative builders | - | 41.4 | 43.5 | 42.8 | 44.9 | - | - | - | - | - |
| 66,67 | Other finance, insurance, & real estate | - | 79.2 | 79.7 | 78.5 | 80.5 | - | - | - | - | - |
| SERVICES | | 11,178 | 11,136 | 11,229 | 10,693 | 11,103 | - | - | - | - | - |
| 70 | Hotels and other lodging places | 620.7 | 687.9 | 693.7 | 669.8 | 729.6 | - | - | - | - | - |
| 701 | Hotels, tourist courts, and motels | - | 622.1 | 632.5 | 609.7 | 600.0 | - | 574.4 | 584.1 | 564.8 | 612.2 |
| 72 | Personal services | 1,008.3 | 1,007.4 | 1,022.2 | 1,017.6 | 1,025.2 | - | - | - | - | - |
| 721 | Laundries and dry cleaning plants | - | 517.7 | 524.1 | 532.5 | 533.9 | - | 470.1 | 476.5 | 484.4 | 485.9 |
| 722 | Photographic studios | - | 40.9 | 45.3 | 39.8 | 41.6 | - | 34.1 | 39.7 | 34.4 | 36.3 |
| 73 | Miscellaneous business services | - | 1,503.3 | 1,525.3 | 1,432.9 | 1,487.9 | - | - | - | - | - |
| 731 | Advertising | - | 118.5 | 120.1 | 116.7 | 118.9 | - | - | - | - | - |
| 732 | Credit reporting and collection | - | 74.9 | 76.0 | 71.8 | 74.0 | - | - | - | - | - |
| 734 | Services to buildings | - | 266.3 | 266.0 | 244.2 | 258.8 | - | - | - | - | - |
| 76 | Miscellaneous repair services | - | 183.6 | 186.4 | 178.8 | 183.5 | - | - | - | - | - |
| 78 | Motion pictures | - | 193.5 | 200.0 | 196.0 | 208.0 | - | - | - | - | - |
| 781 | Motion picture filming & distributing | - | 47.4 | 52.4 | 54.5 | 51.1 | - | 31.0 | 33.4 | 34.1 | 32.9 |
| 782,3 | Motion picture theaters and services | - | 146.1 | 147.6 | 141.5 | 156.9 | - | - | - | - | - |
| 80 | Medical and other health services | 2,980.2 | 2,959.0 | 2,947.0 | 2,748.2 | 2,855.7 | - | - | - | - | - |
| 806 | Hospitals | - | 1,820.5 | 1,812.6 | 1,710.4 | 1,767.0 | - | - | - | - | - |
| 81 | Legal services | - | 226.4 | 228.1 | 211.5 | 221.2 | - | - | - | - | - |
| 82 | Educational services | 1,174.2 | 1,163.7 | 1,170.8 | 1,127.5 | 1,108.7 | - | - | - | - | - |
| 821 | Elementary and secondary schools | - | 396.6 | 396.2 | 388.2 | 375.2 | - | - | - | - | - |
| 822 | Colleges and universities | - | 670.1 | 678.6 | 645.4 | 640.1 | - | - | - | - | - |
| 89 | Miscellaneous services | - | 629.8 | 623.8 | 592.1 | 612.7 | - | - | - | - | - |
| 891 | Engineering & architectural services | - | 298.3 | 300.0 | 290.7 | 299.5 | - | - | - | - | - |
| 892 | Nonprofit research agencies | - | 93.1 | 93.6 | 93.6 | 94.5 | - | - | - | - | - |

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

ESTABLISHMENT DATA EMPLOYMENT

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

(In thousands)

| SIC Code | Industry | All employees | | | | | Production workers ¹ | | | | |
|----------|--|---------------|-----------|-----------|-----------|-----------|---------------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| | GOVERNMENT | 12,553 | 12,487 | 12,591 | 12,140 | 12,227 | | | | | |
| 91 | FEDERAL GOVERNMENT ⁵ | 2,696 | 2,690 | 2,760 | 2,735 | 2,757 | - | | | | |
| | Executive | - | 2,654.1 | 2,724.9 | 2,699.3 | 2,721.7 | - | - | - | - | - |
| | Department of Defense | - | 1,075.7 | 1,083.9 | 1,131.3 | 1,125.5 | - | - | - | - | - |
| | Post Office Department | - | 725.2 | 793.6 | 718.5 | 732.4 | - | - | - | - | - |
| | Other agencies | - | 853.2 | 847.4 | 849.5 | 863.8 | - | - | - | - | - |
| | Legislative | - | 28.9 | 28.7 | 29.1 | 29.0 | - | - | - | - | - |
| | Judicial | - | 6.7 | 6.7 | 6.6 | 6.7 | - | - | - | - | - |
| 92,93 | STATE AND LOCAL GOVERNMENT ... | 9,857 | 9,797 | 9,831 | 9,405 | 9,469 | | | | | |
| 92 | State government | - | 2,622.0 | 2,631.0 | 2,501.0 | 2,538.5 | - | - | - | - | - |
| | State education | - | 1,120.4 | 1,134.2 | 1,044.6 | 1,043.8 | - | - | - | - | - |
| | Other State government | - | 1,501.6 | 1,496.8 | 1,456.4 | 1,494.6 | - | - | - | - | - |
| 93 | Local government | - | 7,175.3 | 7,200.0 | 6,903.6 | 6,930.7 | - | - | - | - | - |
| | Local education | - | 4,103.2 | 4,131.0 | 3,962.1 | 3,882.2 | - | - | - | - | - |
| | Other local government | - | 3,072.1 | 3,069.0 | 2,941.5 | 3,048.6 | - | - | - | - | - |

¹Data relate to production workers in mining and manufacturing; to construction workers in contract construction; and to nonsupervisory workers in wholesale and retail trade; finance, insurance, and real estate; transportation and public utilities; and services. Transportation and public utilities, and services are included in Total Private but are not shown separately in this table.

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

³Data for nonsupervisory workers exclude messengers.

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

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

*Not available.

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

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

| SIC Code | Industry | 1969 | | 1968 | | 1967 | |
|----------------|--|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|
| | | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| - | TOTAL | 25,519 | 36 | 24,383 | 36 | 23,284 | 35 |
| - | PRIVATE SECTOR | 20,395 | 35 | 19,417 | 35 | 18,581 | 34 |
| - | MINING | 37 | 6 | 36 | 6 | 35 | 6 |
| 10 | METAL MINING | 2.8 | 3 | 2.7 | 3 | 2.2 | 3 |
| 11,12 | COAL MINING | 2.2 | 2 | 2.1 | 2 | 2.2 | 2 |
| 13 | OIL AND GAS EXTRACTION | 26.8 | 10 | 25.9 | 9 | 25.5 | 9 |
| 131,2 | Crude petroleum and natural gas fields | 18.7 | 13 | 18.7 | 13 | 18.6 | 12 |
| 138 | Oil and gas field services | 8.1 | 6 | 7.2 | 6 | 7.0 | 6 |
| 14 | NONMETALLIC MINERALS, EXCEPT FUELS | 5.3 | 4 | 5.2 | 4 | 5.2 | 4 |
| 142 | Crushed and broken stone | 1.9 | 5 | 1.8 | 5 | 1.8 | 5 |
| 144 | Sand and gravel | 1.6 | 4 | 1.6 | 4 | 1.6 | 4 |
| | CONTRACT CONSTRUCTION | 160 | 5 | 156 | 5 | 152 | 5 |
| 15 | GENERAL BUILDING CONTRACTORS | 41.5 | 4 | 41.4 | 4 | 40.8 | 4 |
| 16 | HEAVY CONSTRUCTION CONTRACTORS | 29.4 | 4 | 26.4 | 4 | 24.7 | 4 |
| 161 | Highway and street construction | 10.3 | 3 | 9.9 | 3 | 9.5 | 3 |
| 162 | Heavy construction, n e c | 19.1 | 5 | 16.6 | 5 | 15.2 | 4 |
| 17 | SPECIAL TRADE CONTRACTORS | 89.5 | 5 | 87.6 | 5 | 86.5 | 6 |
| 171 | Plumbing, heating, air conditioning | 27.1 | 7 | 26.7 | 7 | 26.8 | 7 |
| 172 | Painting, paper hanging, decorating | 7.1 | 6 | 7.4 | 6 | 7.7 | 6 |
| 173 | Electrical work | 14.2 | 5 | 13.8 | 5 | 13.5 | 5 |
| 174 | Masonry, stonework, and plastering | 8.1 | 4 | 8.1 | 4 | 7.9 | 4 |
| 176 | Roofing and sheet metal work | 7.1 | 6 | 6.9 | 6 | 7.1 | 6 |
| | MANUFACTURING | 5,661 | 28 | 5,490 | 28 | 5,353 | 28 |
| 19,24,25,32-39 | DURABLE GOODS | 2,451 | 21 | 2,341 | 20 | 2,277 | 20 |
| 20-23,26-31 | NONDURABLE GOODS | 3,210 | 39 | 3,149 | 39 | 3,076 | 38 |
| | <i>Durable Goods</i> | | | | | | |
| 19 | ORDNANCE AND ACCESSORIES | 85.7 | 26 | 87.4 | 26 | 73.8 | 23 |
| 192 | Ammunition, except for small arms | 66.5 | 27 | 68.0 | 27 | 55.5 | 24 |
| 1925 | Complete guided missiles | 26.2 | 18 | 29.2 | 19 | 28.8 | 18 |
| 1929 | Ammunition, exc. for small arms, n e c | 40.3 | 39 | 38.8 | 38 | 26.7 | 34 |
| 24 | LUMBER AND WOOD PRODUCTS | 62.6 | 10 | 59.0 | 10 | 55.6 | 9 |
| 241 | Logging camps, & logging contractors | 3.7 | 5 | 3.4 | 4 | 3.1 | 4 |
| 242 | Sawmills and planing mills | 13.2 | 6 | 12.6 | 5 | 12.1 | 5 |
| 2421 | Sawmills and planing mills, general | 9.3 | 5 | 9.2 | 5 | 9.0 | 5 |
| 243 | Millwork, plywood & related products | 19.2 | 12 | 18.2 | 11 | 16.2 | 10 |
| 2431 | Millwork | 10.1 | 14 | 9.6 | 13 | 7.9 | 12 |
| 2432 | Veneer and plywood | 7.8 | 11 | 7.4 | 10 | 6.9 | 9 |
| 244 | Wooden containers | 6.9 | 18 | 6.7 | 18 | 6.8 | 18 |
| 2441,2 | Wooden boxes, shooks, and crates | 5.6 | 19 | 5.4 | 18 | 5.5 | 18 |
| 249 | Miscellaneous wood products | 19.5 | 22 | 18.2 | 22 | 17.5 | 21 |
| 25 | FURNITURE AND FIXTURES | 118.8 | 24 | 107.5 | 23 | 98.0 | 22 |
| 251 | Household furniture | 91.1 | 26 | 82.2 | 25 | 74.3 | 23 |
| 2511 | Wood household furniture | 42.8 | 24 | 37.8 | 22 | 33.3 | 20 |
| 2512 | Upholstered household furniture | 26.7 | 30 | 24.8 | 29 | 23.0 | 28 |
| 2515 | Mattresses and bedsprings | 11.4 | 29 | 10.6 | 28 | 10.0 | 27 |
| 252 | Office furniture | 6.2 | 16 | 5.6 | 16 | 5.4 | 15 |
| 254 | Partitions and fixtures | 6.0 | 11 | 5.5 | 11 | 5.3 | 11 |
| 253,9 | Other furniture and fixtures | 15.5 | 29 | 14.2 | 27 | 13.1 | 25 |
| 32 | STONE, CLAY, AND GLASS PRODUCTS | 108.9 | 16 | 101.2 | 16 | 99.6 | 16 |
| 321 | Flat glass | 1.7 | 7 | 1.6 | 6 | 1.7 | 6 |
| 322 | Glass and glassware, pressed or blown | 43.9 | 33 | 39.7 | 33 | 39.8 | 32 |
| 3221 | Glass containers | 27.1 | 36 | 23.3 | 36 | 24.3 | 35 |
| 3229 | Pressed and blown glass n e c | 16.7 | 29 | 16.4 | 29 | 15.6 | 29 |
| 324 | Cement, hydraulic | 1.4 | 4 | 1.3 | 4 | 1.4 | 4 |
| 325 | Structural clay products | 7.4 | 11 | 7.2 | 11 | 7.3 | 11 |
| 3251 | Brick and structural clay tile | 1.4 | 5 | 1.1 | 4 | 1.0 | 4 |
| 326 | Pottery and related products | 14.8 | 33 | 14.2 | 33 | 13.8 | 33 |
| 327 | Concrete, gypsum, and plaster products | 10.5 | 6 | 10.0 | 5 | 9.9 | 6 |
| 328,9 | Other stone and nonmetallic mineral products | 20.7 | 15 | 19.4 | 14 | 19.4 | 14 |
| 3291 | Abrasive products | 5.7 | 20 | 5.7 | 21 | 5.6 | 21 |

ESTABLISHMENT DATA
WOMEN EMPLOYEES

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

| SIC Code | Industry | 1969 | | 1968 | | 1967 | |
|---------------------------------|---|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|
| | | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| <i>Durable Goods--Continued</i> | | | | | | | |
| 33 | PRIMARY METAL INDUSTRIES..... | 94.6 | 7 | 89.9 | 7 | 88.5 | 7 |
| 331 | Blast furnace and basic steel products..... | 28.6 | 4 | 27.4 | 4 | 27.1 | 4 |
| 3312 | Blast furnaces and steel mills..... | 21.6 | 4 | 20.7 | 4 | 20.5 | 4 |
| 332 | Iron and steel foundries..... | 11.6 | 5 | 11.4 | 5 | 12.2 | 5 |
| 3321 | Gray iron foundries..... | 6.2 | 4 | 5.7 | 4 | 6.0 | 4 |
| 3322 | Malleable iron foundries..... | 1.2 | 5 | 1.2 | 5 | 1.2 | 5 |
| 3323 | Steel foundries..... | 4.2 | 7 | 4.5 | 8 | 4.9 | 7 |
| 333,4 | Nonferrous metals..... | 3.9 | 4 | 3.6 | 4 | 3.3 | 4 |
| 3334 | Primary aluminum..... | .8 | 3 | .8 | 3 | .7 | 3 |
| 335 | Nonferrous rolling and drawing..... | 32.4 | 15 | 29.9 | 14 | 29.7 | 14 |
| 3351 | Copper rolling and drawing..... | 3.6 | 8 | 3.5 | 8 | 3.7 | 8 |
| 3352 | Aluminum rolling and drawing..... | 6.6 | 9 | 6.3 | 9 | 6.3 | 9 |
| 3357 | Nonferrous wire drawing and insulating..... | 18.4 | 24 | 16.8 | 23 | 16.7 | 23 |
| 336 | Nonferrous foundries..... | 12.5 | 14 | 12.2 | 14 | 11.0 | 12 |
| 3361 | Aluminum castings..... | 4.9 | 10 | 4.8 | 10 | 4.2 | 9 |
| 3362,9 | Other nonferrous castings..... | 7.6 | 17 | 7.4 | 17 | 6.8 | 15 |
| 339 | Miscellaneous primary metal products..... | 5.6 | 7 | 5.5 | 7 | 5.3 | 7 |
| 3391 | Iron and steel forgings..... | 3.1 | 6 | 3.1 | 6 | 3.0 | 6 |
| 34 | FABRICATED METAL PRODUCTS..... | 271.2 | 19 | 249.3 | 18 | 235.8 | 17 |
| 341 | Metal cans..... | 11.2 | 16 | 11.2 | 17 | 11.4 | 17 |
| 342 | Cutlery, hand tools, and hardware..... | 56.8 | 33 | 53.5 | 32 | 50.2 | 31 |
| 3421,3,5 | Cutlery and hand tools, incl. saws..... | 18.2 | 26 | 15.5 | 24 | 15.0 | 23 |
| 3429 | Hardware, n e c..... | 38.6 | 38 | 38.0 | 38 | 35.2 | 36 |
| 343 | Plumbing and heating, except electric..... | 13.5 | 16 | 12.4 | 15 | 11.8 | 15 |
| 3431,2 | Sanitary ware & plumbers' brass goods..... | 6.8 | 18 | 6.2 | 17 | 5.9 | 17 |
| 3433 | Heating equipment, except electric..... | 6.7 | 14 | 6.1 | 14 | 5.9 | 13 |
| 344 | Fabricated structural metal products..... | 42.5 | 10 | 39.2 | 10 | 36.6 | 9 |
| 3441 | Fabricated structural steel..... | 5.8 | 5 | 5.7 | 5 | 5.7 | 5 |
| 3442 | Metal doors, sash, and trim..... | 15.0 | 21 | 13.1 | 20 | 11.7 | 18 |
| 3443 | Fabricated plate work (boiler shops)..... | 7.8 | 7 | 7.3 | 7 | 7.0 | 7 |
| 3444 | Sheet metal work..... | 9.8 | 12 | 9.2 | 12 | 8.5 | 11 |
| 3446,9 | Architectural and misc. metal work..... | 4.2 | 8 | 3.9 | 8 | 3.8 | 9 |
| 345 | Screw machine products, bolrs, etc..... | 24.9 | 22 | 23.5 | 21 | 22.8 | 21 |
| 3451 | Screw machine products..... | 12.4 | 24 | 11.9 | 23 | 11.8 | 23 |
| 3452 | Bolts, nuts, rivets, and washers..... | 12.5 | 20 | 11.7 | 20 | 11.0 | 19 |
| 346 | Metal stampings..... | 54.2 | 21 | 48.0 | 19 | 44.8 | 19 |
| 347 | Metal services, n e c..... | 19.6 | 20 | 17.2 | 19 | 16.0 | 18 |
| 348 | Misc. fabricated wire products..... | 17.9 | 25 | 16.3 | 24 | 15.4 | 24 |
| 349 | Misc. fabricated metal products..... | 30.7 | 19 | 28.0 | 18 | 26.8 | 17 |
| 3494,8 | Valves, pipe, and pipe fittings..... | 16.8 | 17 | 15.3 | 16 | 14.5 | 15 |
| 35 | MACHINERY, EXCEPT ELECTRICAL..... | 298.2 | 15 | 284.8 | 15 | 279.1 | 14 |
| 351 | Engines and turbines..... | 16.0 | 14 | 15.2 | 14 | 13.9 | 13 |
| 3511 | Steam engines and turbines..... | 4.4 | 12 | 4.1 | 11 | 3.7 | 10 |
| 3519 | Internal combustion engines, n e c..... | 11.7 | 16 | 11.1 | 15 | 10.2 | 15 |
| 352 | Farm machinery..... | 13.4 | 10 | 13.3 | 9 | 13.7 | 9 |
| 353 | Construction and related machinery..... | 26.4 | 9 | 25.4 | 9 | 24.5 | 9 |
| 3531,2 | Construction and mining machinery..... | 12.0 | 8 | 11.9 | 8 | 11.7 | 8 |
| 3533 | Oil field machinery..... | 4.2 | 9 | 3.6 | 9 | 3.3 | 8 |
| 3535,6 | Conveyors, hoists, cranes, monorails..... | 4.7 | 11 | 4.6 | 11 | 4.6 | 11 |
| 3537 | Industrial trucks and tractors..... | 3.1 | 9 | 3.0 | 9 | 2.7 | 9 |
| 354 | Metal working machinery..... | 39.5 | 11 | 39.6 | 12 | 39.5 | 11 |
| 3541 | Machine tools, metal cutting types..... | 7.5 | 10 | 7.6 | 10 | 7.9 | 9 |
| 3544 | Special dies, tools, jigs & fixtures..... | 9.0 | 7 | 9.6 | 8 | 8.9 | 7 |
| 3545 | Machine tool accessories..... | 11.7 | 19 | 11.7 | 19 | 12.0 | 19 |
| 3542,8 | Misc. metal working machinery..... | 11.3 | 14 | 10.8 | 14 | 10.6 | 13 |
| 355 | Special industry machinery..... | 23.9 | 12 | 22.8 | 12 | 23.2 | 11 |
| 3551 | Food products machinery..... | 5.2 | 12 | 5.1 | 12 | 5.2 | 12 |
| 3552 | Textile machinery..... | 5.4 | 13 | 4.8 | 12 | 5.1 | 12 |
| 3555 | Printing trades machinery..... | 4.2 | 13 | 3.9 | 13 | 3.6 | 12 |
| 356 | General industrial machinery..... | 46.9 | 16 | 45.7 | 16 | 47.1 | 16 |
| 3561 | Pumps and compressors..... | 10.2 | 13 | 10.2 | 13 | 10.8 | 13 |
| 3562 | Ball and roller bearings..... | 14.5 | 24 | 14.4 | 24 | 15.4 | 25 |
| 3564 | Blowers and fans..... | 6.2 | 19 | 5.5 | 18 | 5.2 | 17 |
| 3566 | Power transmission equipment..... | 7.4 | 14 | 7.2 | 14 | 7.2 | 13 |
| 357 | Office and computing machines..... | 71.6 | 28 | 68.1 | 28 | 65.7 | 27 |
| 3573 | Electronic computing equipment..... | 45.1 | 28 | 52.1 | 27 | 49.3 | 27 |
| 358 | Service industry machines..... | 24.1 | 17 | 22.0 | 16 | 19.9 | 15 |
| 3585 | Refrigeration machinery..... | 14.0 | 15 | 12.5 | 14 | 11.3 | 14 |
| 359 | Misc. machinery, except electrical..... | 36.5 | 15 | 32.7 | 14 | 31.6 | 14 |

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

| SIC Code | Industry | 1969 | | 1968 | | 1967 | |
|---------------------------------|---|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|
| | | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| <i>Durable Goods--Continued</i> | | | | | | | |
| 36 | ELECTRICAL EQUIPMENT AND SUPPLIES | 820.0 | 40 | 782.2 | 40 | 780.3 | 40 |
| 361 | Electrical test & distributing equipment | 69.6 | 33 | 63.7 | 31 | 62.7 | 31 |
| 3611 | Electric measuring instruments | 30.7 | 43 | 28.2 | 42 | 29.0 | 43 |
| 3612 | Transformers | 14.8 | 26 | 13.2 | 23 | 13.0 | 23 |
| 3613 | Switchgear and switchboard apparatus | 24.1 | 29 | 22.3 | 27 | 20.6 | 27 |
| 362 | Electrical industrial apparatus | 73.7 | 34 | 68.4 | 32 | 70.4 | 32 |
| 3621 | Motors and generators | 40.1 | 34 | 37.6 | 33 | 37.8 | 32 |
| 3622 | Industrial controls | 23.8 | 39 | 21.7 | 38 | 23.4 | 39 |
| 363 | Household appliances | 45.3 | 25 | 41.7 | 23 | 40.4 | 23 |
| 3632 | Household refrigerators and freezers | 10.5 | 18 | 9.2 | 16 | 8.2 | 15 |
| 3633 | Household laundry equipment | 4.1 | 16 | 3.8 | 15 | 3.6 | 15 |
| 3634 | Electric housewares and fans | 21.3 | 49 | 20.1 | 47 | 20.3 | 46 |
| 364 | Electric lighting and wiring equipment | 90.4 | 43 | 85.3 | 42 | 84.4 | 42 |
| 3641 | Electric lamps | 25.6 | 65 | 25.3 | 66 | 24.1 | 66 |
| 3642 | Lighting fixtures | 22.4 | 34 | 21.2 | 33 | 19.8 | 32 |
| 3643,4 | Wiring devices | 42.4 | 41 | 38.7 | 39 | 40.5 | 40 |
| 365 | Radio and TV receiving equipment | 87.3 | 56 | 88.6 | 58 | 90.1 | 58 |
| 366 | Communication equipment | 184.4 | 35 | 179.9 | 34 | 176.3 | 35 |
| 3661 | Telephone and telegraph apparatus | 63.7 | 45 | 56.2 | 43 | 57.2 | 44 |
| 3662 | Radio and TV communication equipment | 120.8 | 31 | 123.7 | 32 | 119.2 | 31 |
| 367 | Electronic components and accessories | 230.3 | 56 | 219.1 | 56 | 222.9 | 58 |
| 3671-3 | Electron tubes | 33.5 | 48 | 36.5 | 49 | 39.2 | 51 |
| 3674,9 | Other electronic components | 196.8 | 58 | 182.6 | 58 | 183.7 | 60 |
| 369 | Misc. electrical equipment & supplies | 38.9 | 31 | 35.5 | 29 | 33.2 | 29 |
| 3694 | Engine electrical equipment | 21.0 | 31 | 19.0 | 29 | 17.7 | 29 |
| 37 | TRANSPORTATION EQUIPMENT | 219.5 | 11 | 221.2 | 11 | 218.8 | 11 |
| 371 | Motor vehicles and equipment | 75.5 | 8 | 71.1 | 8 | 72.0 | 9 |
| 3711 | Motor vehicles | 24.2 | 6 | 22.1 | 6 | 23.2 | 7 |
| 3712 | Passenger car bodies | 2.2 | 3 | 2.2 | 4 | 3.9 | 7 |
| 3713 | Truck and bus bodies | 2.6 | 7 | 2.4 | 6 | 2.4 | 6 |
| 3714 | Motor vehicle parts and accessories | 45.0 | 12 | 43.1 | 11 | 41.3 | 12 |
| 3715 | Truck trailers | 1.4 | 5 | 1.3 | 5 | 1.3 | 5 |
| 372 | Aircraft and parts | 119.5 | 15 | 128.2 | 15 | 127.0 | 15 |
| 3721 | Aircraft | 73.9 | 15 | 78.4 | 16 | 75.4 | 16 |
| 3722 | Aircraft engines and engine parts | 26.5 | 13 | 28.9 | 14 | 30.8 | 14 |
| 3723,9 | Other aircraft parts and equipment | 19.1 | 15 | 20.9 | 15 | 20.8 | 14 |
| 373 | Ship and boat building and repairing | 9.3 | 5 | 8.2 | 5 | 7.8 | 4 |
| 3731 | Ship building and repairing | 5.7 | 4 | 5.5 | 4 | 5.4 | 4 |
| 3732 | Boat building and repairing | 3.6 | 8 | 2.8 | 7 | 2.4 | 7 |
| 374 | Railroad equipment | 3.4 | 7 | 3.3 | 7 | 3.5 | 6 |
| 375,9 | Other transportation equipment | 11.7 | 13 | 10.6 | 13 | 8.5 | 13 |
| 38 | INSTRUMENTS AND RELATED PRODUCTS | 172.5 | 37 | 164.3 | 36 | 159.6 | 35 |
| 381 | Engineering & scientific instruments | 19.8 | 25 | 21.0 | 25 | 21.5 | 25 |
| 382 | Mechanical measuring & control devices | 41.9 | 37 | 38.8 | 35 | 37.0 | 35 |
| 3821 | Mechanical measuring devices | 21.4 | 31 | 19.9 | 29 | 19.5 | 29 |
| 3822 | Automatic temperature controls | 20.6 | 47 | 19.0 | 45 | 17.5 | 44 |
| 383,5 | Optical and ophthalmic goods | 20.8 | 41 | 20.6 | 40 | 19.9 | 39 |
| 385 | Ophthalmic goods | 15.5 | 48 | 15.0 | 46 | 14.3 | 45 |
| 384 | Medical instruments and supplies | 37.7 | 49 | 34.9 | 48 | 32.8 | 48 |
| 386 | Photographic equipment and supplies | 29.3 | 26 | 27.4 | 25 | 26.9 | 26 |
| 387 | Watches, clocks, and watchcases | 23.0 | 63 | 21.6 | 62 | 21.7 | 62 |
| 39 | MISCELLANEOUS MANUFACTURING INDUSTRIES | 198.7 | 45 | 193.5 | 45 | 187.8 | 44 |
| 391 | Jewelry, silverware, and plated ware | 21.0 | 41 | 20.7 | 40 | 20.2 | 40 |
| 394 | Toys and sporting goods | 68.0 | 54 | 64.1 | 53 | 58.3 | 52 |
| 3941-3 | Games, toys, dolls, & play vehicles | 44.0 | 60 | 41.7 | 60 | 37.0 | 56 |
| 3949 | Sporting and athletic goods, n e c | 24.0 | 45 | 22.5 | 45 | 21.3 | 45 |
| 395 | Pens, pencils, office and art supplies | 17.9 | 53 | 17.7 | 52 | 18.0 | 52 |
| 396 | Costume jewelry and notions | 34.2 | 55 | 33.5 | 55 | 33.6 | 56 |
| 393,8,9 | Other manufacturing industries | 57.6 | 34 | 57.5 | 34 | 57.7 | 34 |
| 393 | Musical instruments and parts | 8.5 | 34 | 7.6 | 31 | 7.5 | 29 |
| <i>Nondurable Goods</i> | | | | | | | |
| 20 | FOOD AND KINDRED PRODUCTS | 460.1 | 26 | 452.0 | 25 | 451.3 | 25 |
| 201 | Meat products | 95.5 | 28 | 91.9 | 28 | 90.9 | 28 |
| 2011 | Meat packing plants | 25.7 | 14 | 26.1 | 14 | 26.8 | 14 |
| 2013 | Sausages and other prepared meats | 17.2 | 30 | 17.0 | 29 | 16.2 | 29 |
| 2015 | Poultry dressing plants | 52.7 | 55 | 48.8 | 54 | 47.9 | 55 |
| 202 | Dairy products | 40.6 | 16 | 40.9 | 16 | 41.8 | 16 |
| 2024 | Ice cream and frozen desserts | 6.2 | 23 | 5.9 | 21 | 6.2 | 22 |

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

| SIC Code | Industry | 1969 | | 1968 | | 1967 | |
|----------|---|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|
| | | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| | <i>Nondurable Goods--Continued</i> | | | | | | |
| | FOOD AND KINDRED PRODUCTS-- Continued | | | | | | |
| 2026 | Fluid milk | 24.0 | 13 | 24.6 | 13 | 25.1 | 13 |
| 203 | Canned, cured, and frozen foods | 122.0 | 43 | 119.8 | 43 | 121.5 | 44 |
| 2031,6 | Canned, cured, and frozen sea foods | 24.8 | 59 | 24.8 | 61 | 24.8 | 61 |
| 2032,3 | Canned food, except sea foods | 53.7 | 37 | 53.3 | 37 | 53.0 | 37 |
| 2037 | Frozen fruits and vegetables | 29.1 | 49 | 27.9 | 48 | 29.6 | 50 |
| 204 | Grain mill products | 19.6 | 14 | 19.3 | 14 | 18.9 | 14 |
| 2041 | Flour and other grain mill products | 3.5 | 11 | 3.2 | 10 | 3.1 | 10 |
| 2042 | Prepared feeds for animals and fowls | 8.4 | 13 | 8.2 | 13 | 7.4 | 12 |
| 205 | Bakery products | 68.3 | 25 | 68.9 | 25 | 68.5 | 24 |
| 2051 | Bread, cake, and related products | 48.2 | 21 | 47.8 | 20 | 47.2 | 20 |
| 2052 | Cookies and crackers | 20.1 | 47 | 21.1 | 48 | 21.3 | 49 |
| 206 | Sugar | 3.5 | 9 | 2.9 | 8 | 2.8 | 8 |
| 207 | Confectionery and related products | 43.0 | 50 | 42.0 | 50 | 41.7 | 50 |
| 2071 | Confectionery products | 36.8 | 53 | 36.0 | 53 | 36.0 | 53 |
| 208 | Beverages | 30.4 | 13 | 28.9 | 12 | 28.2 | 12 |
| 2082 | Malt liquors | 3.8 | 6 | 3.6 | 6 | 3.8 | 6 |
| 2086 | Bottled and canned soft drinks | 12.8 | 10 | 12.2 | 10 | 11.9 | 9 |
| 209 | Misc. foods and kindred products | 37.2 | 26 | 37.4 | 26 | 36.9 | 26 |
| 21 | TOBACCO MANUFACTURES | 37.3 | 46 | 38.0 | 45 | 39.2 | 45 |
| 211 | Cigarettes | 14.7 | 36 | 14.8 | 36 | 15.2 | 37 |
| 212 | Cigars | 13.8 | 71 | 14.6 | 72 | 14.4 | 72 |
| 22 | TEXTILE MILL PRODUCTS | 453.1 | 46 | 450.7 | 45 | 428.7 | 45 |
| 221 | Weaving mills, cotton | 92.5 | 41 | 93.3 | 40 | 92.7 | 39 |
| 222 | Weaving mills, synthetics | 37.2 | 37 | 36.5 | 36 | 35.7 | 36 |
| 223 | Weaving and finishing mills, wool | 16.3 | 37 | 16.5 | 37 | 15.7 | 36 |
| 224 | Narrow fabric mills | 18.7 | 59 | 18.1 | 58 | 17.4 | 57 |
| 225 | Knitting mills | 167.8 | 68 | 169.3 | 69 | 158.3 | 68 |
| 2251 | Women's hosiery, except socks | 51.3 | 78 | 49.7 | 78 | 43.4 | 77 |
| 2252 | Hosiery, n e c | 27.5 | 73 | 28.6 | 73 | 29.6 | 73 |
| 2253 | Knit outerwear mills | 51.2 | 72 | 54.7 | 73 | 50.3 | 73 |
| 2254 | Knit underwear mills | 24.2 | 71 | 23.7 | 71 | 23.0 | 71 |
| 226 | Textile finishing, except wool | 21.8 | 26 | 20.9 | 25 | 19.8 | 25 |
| 227 | Floor covering mills | 18.9 | 35 | 16.9 | 34 | 14.9 | 33 |
| 228 | Yarn and thread mills | 57.5 | 47 | 56.5 | 47 | 52.3 | 45 |
| 229 | Miscellaneous textile goods | 22.4 | 28 | 22.7 | 28 | 21.9 | 28 |
| 23 | APPAREL AND OTHER TEXTILE PRODUCTS | 1,139.6 | 80 | 1,124.9 | 80 | 1,116.1 | 80 |
| 231 | Men's and boys' suits and coats | 98.7 | 72 | 94.1 | 72 | 90.7 | 71 |
| 232 | Men's and boys' furnishings | 314.0 | 84 | 307.9 | 84 | 310.2 | 85 |
| 2321 | Men's and boys' shirts and nightwear | 106.4 | 88 | 106.9 | 88 | 108.1 | 88 |
| 2327 | Men's and boys' separate trousers | 66.3 | 82 | 65.0 | 82 | 63.3 | 82 |
| 2328 | Men's and boys' work clothing | 71.1 | 83 | 68.0 | 83 | 70.5 | 84 |
| 233 | Women's and misses' outerwear | 363.4 | 84 | 355.2 | 84 | 350.4 | 83 |
| 2331 | Women's and misses' blouses and waists | 45.4 | 88 | 46.1 | 89 | 47.1 | 89 |
| 2335 | Women's and misses' dresses | 175.8 | 87 | 173.0 | 86 | 170.5 | 86 |
| 2337 | Women's and misses' suits and coats | 67.7 | 76 | 65.7 | 74 | 64.4 | 73 |
| 2339 | Women's and misses' outerwear, n e c | 74.6 | 86 | 70.3 | 85 | 68.4 | 85 |
| 234 | Women's and children's undergarments | 108.8 | 87 | 108.9 | 87 | 109.2 | 87 |
| 2341 | Women's and children's underwear | 74.9 | 87 | 74.1 | 87 | 73.7 | 88 |
| 2342 | Corsets and allied garments | 33.9 | 85 | 34.8 | 85 | 35.5 | 85 |
| 235 | Hats, caps, and millinery | 14.5 | 71 | 15.9 | 68 | 16.8 | 67 |
| 236 | Children's outerwear | 69.1 | 87 | 68.8 | 86 | 67.1 | 86 |
| 2361 | Children's dresses and blouses | 30.9 | 90 | 30.8 | 89 | 30.2 | 89 |
| 237,8 | Fur goods and miscellaneous apparel | 57.7 | 74 | 59.0 | 73 | 59.0 | 73 |
| 239 | Misc. fabricated textile products | 113.5 | 65 | 115.0 | 65 | 112.9 | 66 |
| 2391,2 | Housefurnishings | 46.7 | 73 | 46.4 | 73 | 45.0 | 74 |
| 26 | PAPER AND ALLIED PRODUCTS | 153.6 | 21 | 149.1 | 22 | 145.3 | 21 |
| 261,2,6 | Paper and pulp mills | 24.5 | 11 | 24.4 | 11 | 24.4 | 11 |
| 263 | Paperboard mills | 5.9 | 8 | 6.0 | 8 | 6.1 | 8 |
| 264 | Misc. converted paper products | 66.0 | 35 | 64.2 | 36 | 62.9 | 36 |
| 2643 | Bags, except textile bags | 14.5 | 34 | 14.7 | 35 | 14.2 | 35 |
| 265 | Paperboard containers and boxes | 57.3 | 25 | 54.6 | 25 | 51.9 | 24 |
| 2651,2 | Folding and setup paperboard boxes | 25.3 | 35 | 24.0 | 34 | 23.0 | 35 |
| 2653 | Corrugated and solid fiber boxes | 15.6 | 15 | 14.8 | 15 | 14.3 | 14 |
| 2654 | Sanitary food containers | 10.8 | 33 | 10.4 | 33 | 9.8 | 31 |

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

| SIC Code | Industry | 1969 | | 1968 | | 1967 | |
|------------------------------------|---|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|
| | | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| <i>Nondurable Goods--Continued</i> | | | | | | | |
| 27 | PRINTING AND PUBLISHING | 347.8 | 32 | 332.3 | 31 | 323.0 | 31 |
| 271 | Newspapers..... | 93.2 | 25 | 87.8 | 25 | 84.0 | 24 |
| 272 | Periodicals..... | 37.4 | 48 | 36.2 | 47 | 35.5 | 47 |
| 273 | Books..... | 45.6 | 47 | 44.5 | 47 | 42.8 | 46 |
| 275 | Commercial printing..... | 94.3 | 27 | 89.8 | 27 | 86.6 | 26 |
| 2751 | Commercial printing, ex. lithographic..... | 57.7 | 27 | 54.5 | 26 | 53.1 | 26 |
| 2752 | Commercial printing, lithographic..... | 32.6 | 27 | 31.4 | 27 | 29.8 | 26 |
| 278 | Blankbooks and bookbinding..... | 29.5 | 51 | 27.8 | 49 | 28.1 | 49 |
| 274,6,7,9 | Other publishing & printing ind..... | 47.9 | 34 | 46.1 | 33 | 46.0 | 34 |
| 28 | CHEMICALS AND ALLIED PRODUCTS | 218.1 | 21 | 208.6 | 20 | 197.9 | 20 |
| 281 | Industrial chemicals..... | 34.5 | 11 | 33.5 | 11 | 33.2 | 11 |
| 2812 | Alkalies and chlorines..... | 2.0 | 8 | 2.0 | 8 | 2.1 | 8 |
| 2818 | Industrial organic chemicals, n e c..... | 17.1 | 14 | 16.8 | 13 | 16.7 | 13 |
| 2819 | Industrial inorganic chemicals, n e c..... | 9.4 | 10 | 9.0 | 9 | 8.8 | 9 |
| 282 | Plastics materials and synthetics..... | 37.5 | 17 | 35.7 | 17 | 33.6 | 16 |
| 2821 | Plastics materials and resins..... | 9.1 | 9 | 8.5 | 9 | 8.5 | 10 |
| 2823,4 | Synthetic fibers..... | 27.4 | 24 | 26.1 | 24 | 24.0 | 24 |
| 283 | Drugs..... | 57.0 | 40 | 53.8 | 39 | 52.0 | 39 |
| 2834 | Pharmaceutical preparations..... | 47.8 | 43 | 44.5 | 42 | 42.1 | 42 |
| 284 | Soap, cleaners, and toilet goods..... | 47.5 | 39 | 45.1 | 39 | 42.2 | 38 |
| 2841 | Soap and other detergents..... | 8.9 | 22 | 9.2 | 23 | 8.6 | 23 |
| 2844 | Toilet preparations..... | 29.0 | 56 | 26.9 | 57 | 24.5 | 56 |
| 285 | Paints and allied products..... | 11.2 | 16 | 11.2 | 16 | 10.8 | 16 |
| 287 | Agricultural chemicals..... | 5.7 | 10 | 5.6 | 10 | 5.2 | 9 |
| 2871,2 | Fertilizers, complete & mixing only..... | 3.1 | 8 | 3.1 | 8 | 3.0 | 7 |
| 286,9 | Other chemical products..... | 24.7 | 21 | 23.7 | 20 | 20.9 | 19 |
| 2892 | Explosives..... | 11.1 | 24 | 10.8 | 23 | 8.7 | 21 |
| 29 | PETROLEUM AND COAL PRODUCTS | 17.1 | 9 | 16.9 | 9 | 16.4 | 9 |
| 291 | Petroleum refining..... | 13.0 | 9 | 13.0 | 9 | 12.6 | 9 |
| 295,9 | Other petroleum and coal products..... | 4.1 | 11 | 3.9 | 11 | 3.8 | 11 |
| 30 | RUBBER AND PLASTICS PRODUCTS, NEC | 186.4 | 32 | 175.8 | 32 | 162.0 | 31 |
| 301 | Tires and inner tubes..... | 13.1 | 11 | 13.0 | 11 | 12.3 | 12 |
| 302,3,6 | Other rubber products..... | 62.3 | 34 | 62.3 | 34 | 59.3 | 34 |
| 302 | Rubber footwear..... | 13.9 | 54 | 14.8 | 54 | 13.7 | 54 |
| 307 | Miscellaneous plastics products..... | 111.0 | 40 | 100.5 | 39 | 90.4 | 38 |
| 31 | LEATHER AND LEATHER PRODUCTS | 197.2 | 57 | 200.7 | 56 | 196.0 | 56 |
| 311 | Leather tanning and finishing..... | 3.9 | 13 | 4.0 | 13 | 3.8 | 13 |
| 314 | Footwear, except rubber..... | 142.5 | 63 | 144.5 | 62 | 141.0 | 61 |
| 312,3,5-7,9 | Other leather products..... | 50.8 | 57 | 52.2 | 57 | 51.3 | 57 |
| 316 | Luggage..... | 10.7 | 50 | 10.2 | 48 | 10.1 | 48 |
| 317 | Handbags and personal leather goods..... | 24.7 | 67 | 26.4 | 68 | 26.1 | 69 |
| - | TRANSPORTATION AND PUBLIC UTILITIES | 91.6 | 21 | 86.2 | 20 | 83.5 | 20 |
| 41 | LOCAL AND INTERURBAN PASSENGER TRANSIT .. | 27.5 | 10 | 24.9 | 9 | 23.6 | 8 |
| 411 | Local and suburban transportation..... | 4.9 | 6 | 4.9 | 6 | 4.5 | 5 |
| 412 | Taxicabs..... | 5.2 | 5 | 5.1 | 5 | 4.9 | 4 |
| 413 | Intercity highway transportation..... | 4.3 | 10 | 4.2 | 10 | 4.5 | 10 |
| 42 | TRUCKING AND WAREHOUSING | 96.7 | 9 | 91.2 | 9 | 86.5 | 8 |
| 421,3 | Trucking and trucking terminals..... | 85.1 | 8 | 79.8 | 8 | 75.3 | 8 |
| 422 | Public warehousing..... | 11.6 | 14 | 11.4 | 13 | 11.2 | 13 |
| 45 | TRANSPORTATION BY AIR | 88.6 | 25 | 81.9 | 25 | 71.8 | 24 |
| 451,2 | Air transportation..... | 85.8 | 27 | 79.3 | 27 | 69.4 | 26 |
| 46 | PIPE LINE TRANSPORTATION | 1.6 | 9 | 1.6 | 9 | 1.5 | 8 |
| 44 | WATER TRANSPORTATION | 16.3 | 7 | 15.5 | 6 | 16.2 | 7 |
| 47 | TRANSPORTATION SERVICES | 22.4 | 22 | 20.5 | 21 | 19.1 | 19 |
| 48 | COMMUNICATION | 530.9 | 50 | 495.7 | 50 | 485.2 | 50 |
| 481 | Telephone communication..... | 486.3 | 55 | 454.4 | 56 | 448.0 | 56 |
| 483 | Radio and television broadcasting..... | 31.1 | 24 | 28.2 | 23 | 26.9 | 22 |
| 49 | ELECTRIC, GAS, AND SANITARY SERVICES | 100.4 | 15 | 98.5 | 15 | 96.5 | 15 |
| 491 | Electric companies and systems..... | 41.3 | 15 | 40.4 | 15 | 39.5 | 15 |
| 492 | Gas companies and systems..... | 26.8 | 17 | 26.1 | 16 | 25.2 | 16 |

ESTABLISHMENT DATA
WOMEN EMPLOYEES

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

| SIC Code | Industry | 1969 | | 1968 | | 1967 | |
|----------|--|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|
| | | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| | <i>Nondurable Goods--Continued</i> | | | | | | |
| | ELECTRIC, GAS, AND SANITARY SERVICES--Cont'd | | | | | | |
| 493 | Combination companies and systems | 26.1 | 14 | 25.7 | 14 | 25.8 | 14 |
| 494-7 | Water, steam, & sanitary systems | 6.3 | 13 | 6.2 | 13 | 6.0 | 13 |
| | WHOLESALE AND RETAIL TRADE | 5,811 | 40 | 5,518 | 39 | 5,297 | 39 |
| 50 | WHOLESALE TRADE | 867 | 23 | 815 | 23 | 790 | 22 |
| 501 | Motor vehicles & automotive equipment | 58.0 | 19 | 53.0 | 18 | 50.0 | 18 |
| 502 | Drugs, chemicals, and allied products | 80.9 | 35 | 74.2 | 34 | 69.8 | 33 |
| 503 | Dry goods and apparel | 68.4 | 46 | 64.8 | 44 | 62.3 | 43 |
| 504 | Groceries and related products | 120.3 | 22 | 110.5 | 21 | 109.0 | 21 |
| 506 | Electrical goods | 74.4 | 24 | 68.0 | 23 | 65.6 | 24 |
| 507 | Hardware; plumbing & heating equipment | 38.2 | 22 | 36.2 | 22 | 34.4 | 22 |
| 508 | Machinery, equipment, and supplies | 135.9 | 18 | 126.1 | 18 | 120.5 | 18 |
| 509 | Miscellaneous wholesalers | 272.9 | 22 | 261.3 | 22 | 257.2 | 22 |
| 52-59 | RETAIL TRADE | 4,944 | 45 | 4,703 | 45 | 4,507 | 45 |
| 53 | RETAIL GENERAL MERCHANDISE | 1,584.2 | 69 | 1,496.9 | 69 | 1,418.8 | 69 |
| 531 | Department stores | 1,044.2 | 69 | 976.4 | 69 | 910.2 | 69 |
| 532 | Mail order houses | 79.3 | 61 | 78.5 | 61 | 80.3 | 62 |
| 533 | Variety stores | 258.4 | 78 | 247.3 | 79 | 249.5 | 80 |
| 54 | FOOD STORES | 591.3 | 35 | 554.5 | 34 | 532.1 | 34 |
| 541-3 | Grocery, meat, and vegetables stores | 493.0 | 32 | 460.5 | 32 | 437.4 | 31 |
| 56 | APPAREL AND ACCESSORY STORES | 466.9 | 66 | 457.4 | 66 | 441.5 | 66 |
| 561 | Men's & boys' clothing & furnishings | 51.1 | 41 | 47.5 | 40 | 44.2 | 39 |
| 562 | Women's ready-to-wear stores | 231.7 | 89 | 228.5 | 89 | 223.4 | 89 |
| 565 | Family clothing stores | 76.5 | 70 | 75.9 | 70 | 75.7 | 70 |
| 566 | Shoe stores | 51.2 | 38 | 50.6 | 36 | 46.3 | 35 |
| 57 | FURNITURE AND HOME FURNISHINGS STORES | 133.4 | 30 | 129.5 | 30 | 125.0 | 29 |
| 571 | Furniture and home furnishings | 87.3 | 31 | 83.8 | 30 | 80.7 | 30 |
| 58 | EATING AND DRINKING PLACES | 1,363.3 | 57 | 1,285.5 | 56 | 1,237.6 | 56 |
| 52,55,59 | OTHER RETAIL TRADE | 804.9 | 24 | 778.9 | 24 | 751.8 | 24 |
| 52 | Building materials and farm equipment | 88.7 | 16 | 85.2 | 16 | 84.0 | 16 |
| 55 | Automotive dealers & service stations | 183.5 | 12 | 174.8 | 11 | 164.7 | 11 |
| 551,2 | Motor vehicle dealers | 85.5 | 11 | 80.7 | 11 | 76.2 | 10 |
| 553,9 | Other automotive & accessory dealers | 31.2 | 14 | 29.1 | 14 | 27.0 | 14 |
| 59 | Miscellaneous retail stores | 532.7 | 45 | 518.9 | 45 | 503.1 | 44 |
| 591 | Drug stores and proprietary stores | 261.5 | 60 | 256.5 | 59 | 248.3 | 58 |
| 594 | Book and stationery stores | 27.2 | 44 | 26.4 | 44 | 25.7 | 44 |
| 596 | Farm and garden supply stores | 21.1 | 20 | 19.4 | 18 | 18.6 | 18 |
| 598 | Fuel and ice dealers | 18.7 | 17 | 18.6 | 17 | 18.4 | 17 |
| | FINANCE, INSURANCE, AND REAL ESTATE | 1,832 | 51 | 1,717 | 51 | 1,630 | 51 |
| 60 | Banking | 619.1 | 63 | 570.1 | 62 | 538.1 | 62 |
| 61 | Credit agencies other than banks | 198.6 | 55 | 191.0 | 54 | 184.6 | 54 |
| 612 | Savings and loan associations | 68.3 | 65 | 65.0 | 65 | 61.8 | 64 |
| 614 | Personal credit institutions | 93.6 | 49 | 91.5 | 48 | 89.6 | 48 |
| 62 | Security, commodity brokers & services | 76.0 | 36 | 65.7 | 35 | 51.6 | 33 |
| 63 | Insurance carriers | 521.2 | 51 | 493.9 | 50 | 471.6 | 50 |
| 631 | Life insurance | 230.8 | 44 | 218.6 | 43 | 211.1 | 42 |
| 632 | Accident and health insurance | 62.5 | 72 | 58.6 | 72 | 52.0 | 73 |
| 633 | Fire, marine, and casualty insurance | 201.9 | 56 | 192.3 | 55 | 185.9 | 56 |
| 64 | Insurance agents, brokers, and service | 155.2 | 58 | 145.7 | 57 | 141.0 | 57 |
| 65 | Real estate | 221.6 | 35 | 212.7 | 35 | 205.2 | 35 |
| 655 | Subdividers and developers | 16.7 | 20 | 15.4 | 20 | 14.0 | 19 |
| 656 | Operative builders | 6.9 | 15 | 6.0 | 14 | 5.6 | 14 |
| 66,67 | Other finance, insurance, & real estate | 40.5 | 50 | 38.0 | 49 | 37.4 | 49 |
| | SERVICES | 5,978 | 54 | 5,640 | 53 | 5,279 | 52 |
| | Hotels and other lodging places: | | | | | | |
| 701 | Hotels, tourist courts, and motels | 334.0 | 56 | 322.1 | 50 | 308.8 | 49 |
| 72 | Personal services | 631.2 | 62 | 637.6 | 62 | 624.6 | 61 |
| 721 | Laundries and dry cleaning plants | 352.7 | 66 | 362.2 | 66 | 369.8 | 66 |
| 722 | Photographic studios | 24.2 | 58 | 22.5 | 56 | 21.5 | 55 |

**ESTABLISHMENT DATA
WOMEN EMPLOYEES**

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

| SIC Code | Industry | 1969 | | 1968 | | 1967 | |
|----------|---|-----------------------|-----------------------------|-----------------------|-----------------------------|-----------------------|-----------------------------|
| | | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment | Number (in thousands) | Percent of total employment |
| | <i>Nondurable Goods--Continued</i> | | | | | | |
| | SERVICES - Continued | | | | | | |
| 73 | Miscellaneous business services | 504.6 | 34 | 470.9 | 34 | 451.0 | 34 |
| 731 | Advertising | 50.5 | 42 | 49.5 | 42 | 48.6 | 42 |
| 732 | Credit reporting and collection | 53.8 | 73 | 52.3 | 72 | 50.8 | 72 |
| 734 | Services to buildings | 78.6 | 30 | 71.5 | 30 | 64.7 | 29 |
| 76 | Miscellaneous repair services | 27.4 | 15 | 24.9 | 14 | 21.5 | 13 |
| 78 | Motion pictures | 70.6 | 34 | 66.9 | 34 | 64.4 | 33 |
| 781 | Motion picture filming & distributing | 14.9 | 29 | 14.9 | 28 | 14.7 | 28 |
| 782,3 | Motion picture theaters and services | 55.7 | 36 | 52.0 | 36 | 49.8 | 35 |
| 80 | Medical and other health services | 2,312.4 | 81 | 2,120.5 | 80 | 1,930.7 | 79 |
| 806 | Hospitals | 1,437.3 | 81 | 1,345.8 | 81 | 1,260.2 | 81 |
| 81 | Legal services | 139.8 | 63 | 131.6 | 63 | 124.5 | 63 |
| 82 | Educational services | 529.7 | 48 | 501.8 | 47 | 457.9 | 45 |
| 821 | Elementary and secondary schools | 226.5 | 60 | 210.6 | 59 | 191.1 | 56 |
| 822 | Colleges and universities | 260.1 | 41 | 250.4 | 40 | 230.0 | 39 |
| 89 | Miscellaneous services | 141.0 | 23 | 128.6 | 22 | 115.7 | 22 |
| 891 | Engineering & architectural services | 44.2 | 15 | 41.2 | 14 | 38.9 | 14 |
| 892 | Nonprofit research agencies | 28.2 | 30 | 27.9 | 30 | 24.7 | 29 |
| - | GOVERNMENT | 5,124 | 42 | 4,966 | 42 | 4,703 | 41 |
| 91 | FEDERAL GOVERNMENT | 723 | 26 | 710 | 26 | 674 | 25 |
| 92,93 | STATE AND LOCAL GOVERNMENT | 4,402 | 46 | 4,256 | 47 | 4,030 | 46 |
| 92 | State government | 1,044.1 | 41 | 999.5 | 41 | 931.3 | 40 |
| | State education | 414.4 | 40 | 350.9 | 40 | 383.6 | 40 |
| | Other State government | 629.6 | 42 | 615.9 | 41 | 580.4 | 40 |
| | Local government | 3,357.3 | 48 | 3,256.4 | 49 | 3,098.5 | 49 |
| | Local education | 2,383.9 | 61 | 2,352.0 | 63 | 2,265.1 | 63 |
| | Other local government | 973.4 | 32 | 904.4 | 31 | 835.3 | 30 |

ESTABLISHMENT DATA

SEASONALLY ADJUSTED EMPLOYMENT

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

1957-59=100

| Year and month | TOTAL | Mining | Contract construc- tion | Manufac- turing | Transpor- tation and public utilities | Wholesale and retail trade | | | Finance, insurance, and real estate. | Services | Government | | |
|------------------|-------|--------|-------------------------------|--------------------|--|----------------------------|--------------------|-----------------|---|----------|------------|---------|-----------------------|
| | | | | | | Total | Wholesale trade | Retail trade | | | Total | Federal | State and local |
| 1919..... | 51.6 | 147.1 | 35.4 | 64.2 | 91.0 | 41.3 | - | - | 43.9 | 32.8 | 34.1 | - | - |
| 1920..... | 52.1 | 160.9 | 29.4 | 64.2 | 98.1 | 40.9 | - | - | 46.4 | 34.3 | 33.2 | - | - |
| 1921..... | 46.4 | 124.9 | 35.1 | 49.7 | 84.9 | 42.0 | - | - | 46.0 | 35.0 | 32.2 | - | - |
| 1922..... | 49.2 | 120.6 | 41.0 | 54.9 | 86.0 | 44.9 | - | - | 45.2 | 36.3 | 32.3 | - | - |
| 1923..... | 54.1 | 157.4 | 42.6 | 62.1 | 95.2 | 48.4 | - | - | 47.0 | 38.9 | 33.2 | - | - |
| 1924..... | 53.4 | 143.0 | 45.8 | 58.3 | 93.4 | 49.5 | - | - | 48.7 | 40.3 | 34.7 | - | - |
| 1925..... | 54.8 | 141.4 | 50.1 | 59.9 | 93.9 | 51.1 | - | - | 48.7 | 41.6 | 35.7 | - | - |
| 1926..... | 56.8 | 153.9 | 53.9 | 61.2 | 96.7 | 53.0 | - | - | 51.6 | 44.2 | 36.3 | - | - |
| 1927..... | 57.1 | 144.7 | 55.7 | 60.3 | 95.6 | 54.1 | - | - | 54.0 | 45.9 | 37.2 | - | - |
| 1928..... | 57.1 | 136.4 | 55.6 | 59.9 | 93.9 | 53.8 | - | - | 56.7 | 47.4 | 38.2 | - | - |
| 1929..... | 59.7 | 141.2 | 51.9 | 64.5 | 96.1 | 56.1 | - | - | 59.6 | 49.9 | 39.1 | 24.1 | 45.0 |
| 1930..... | 56.0 | 131.0 | 47.5 | 57.6 | 90.4 | 53.1 | - | - | 58.3 | 49.0 | 40.1 | 23.8 | 46.6 |
| 1931..... | 50.7 | 113.4 | 42.1 | 49.2 | 79.8 | 48.4 | - | - | 55.6 | 46.2 | 41.6 | 25.3 | 48.0 |
| 1932..... | 45.0 | 94.9 | 33.6 | 41.8 | 69.1 | 42.9 | - | - | 53.0 | 42.5 | 41.1 | 25.2 | 47.3 |
| 1933..... | 45.1 | 96.6 | 28.0 | 44.6 | 65.6 | 43.5 | - | - | 51.2 | 41.7 | 40.4 | 25.5 | 46.2 |
| 1934..... | 49.4 | 114.7 | 29.9 | 51.2 | 67.5 | 48.4 | - | - | 52.1 | 44.4 | 42.0 | 29.4 | 47.0 |
| 1935..... | 51.5 | 116.5 | 31.6 | 54.6 | 68.4 | 49.7 | - | - | 52.8 | 45.6 | 44.4 | 34.0 | 48.4 |
| 1936..... | 55.4 | 122.9 | 39.7 | 59.2 | 72.9 | 53.2 | - | - | 54.9 | 48.2 | 46.7 | 37.3 | 50.5 |
| 1937..... | 59.1 | 131.8 | 38.5 | 65.0 | 76.9 | 57.4 | - | - | 56.6 | 51.0 | 47.9 | 37.6 | 51.9 |
| 1938..... | 55.6 | 115.7 | 36.5 | 56.9 | 70.2 | 56.6 | - | - | 56.3 | 50.4 | 49.5 | 37.4 | 54.2 |
| 1939..... | 58.3 | 110.9 | 39.8 | 61.9 | 72.0 | 58.8 | 58.1 | 59.1 | 57.8 | 51.0 | 50.9 | 40.9 | 54.9 |
| 1940..... | 61.6 | 120.1 | 44.8 | 66.2 | 74.5 | 61.8 | 60.6 | 62.3 | 59.4 | 53.4 | 53.6 | 45.0 | 56.9 |
| 1941..... | 69.6 | 124.3 | 62.0 | 79.5 | 80.3 | 66.0 | 64.7 | 66.5 | 61.2 | 56.9 | 59.4 | 60.5 | 58.9 |
| 1942..... | 76.4 | 128.8 | 75.2 | 92.1 | 84.9 | 65.2 | 62.9 | 66.0 | 60.8 | 59.2 | 69.9 | 100.0 | 58.1 |
| 1943..... | 80.8 | 120.1 | 54.3 | 106.0 | 89.5 | 63.9 | 60.1 | 65.3 | 59.4 | 60.2 | 77.5 | 131.2 | 56.4 |
| 1944..... | 79.7 | 115.8 | 37.9 | 104.4 | 93.9 | 64.6 | 60.8 | 66.0 | 58.3 | 60.4 | 77.0 | 132.2 | 55.3 |
| 1945..... | 76.9 | 108.6 | 39.2 | 93.5 | 95.8 | 67.0 | 64.3 | 67.9 | 59.2 | 61.5 | 75.8 | 126.8 | 55.7 |
| 1946..... | 79.3 | 111.9 | 57.5 | 88.6 | 99.6 | 76.7 | 75.6 | 77.1 | 67.1 | 68.4 | 71.3 | 101.8 | 59.3 |
| 1947..... | 83.5 | 124.0 | 68.7 | 93.7 | 102.2 | 82.0 | 81.5 | 82.2 | 69.3 | 73.2 | 69.8 | 85.5 | 63.6 |
| 1948..... | 85.5 | 129.1 | 75.1 | 93.9 | 102.8 | 84.9 | 85.9 | 84.5 | 72.3 | 75.5 | 72.0 | 84.1 | 67.2 |
| 1949..... | 83.4 | 120.8 | 75.0 | 87.0 | 98.2 | 84.8 | 85.9 | 84.5 | 73.4 | 76.3 | 74.6 | 86.2 | 70.1 |
| 1950..... | 86.1 | 117.0 | 80.8 | 91.8 | 99.0 | 85.9 | 86.9 | 85.6 | 75.8 | 78.1 | 76.8 | 87.1 | 72.8 |
| 1951..... | 91.1 | 120.6 | 90.2 | 98.8 | 103.7 | 89.2 | 90.0 | 88.9 | 78.7 | 80.9 | 81.4 | 104.0 | 72.6 |
| 1952..... | 93.0 | 116.6 | 91.2 | 100.2 | 104.2 | 91.6 | 92.8 | 91.2 | 81.8 | 83.1 | 84.2 | 109.3 | 74.4 |
| 1953..... | 95.6 | 112.5 | 90.9 | 105.7 | 105.3 | 93.8 | 94.2 | 93.7 | 84.8 | 85.1 | 84.7 | 104.1 | 77.1 |
| 1954..... | 93.3 | 102.7 | 90.5 | 98.3 | 100.2 | 93.7 | 94.6 | 93.4 | 88.3 | 87.0 | 86.0 | 98.8 | 81.0 |
| 1955..... | 96.5 | 102.9 | 97.1 | 101.7 | 101.6 | 96.5 | 96.5 | 96.4 | 92.3 | 91.0 | 88.1 | 98.8 | 83.9 |
| 1956..... | 99.8 | 106.8 | 103.9 | 103.9 | 104.1 | 99.4 | 99.6 | 99.4 | 96.0 | 94.8 | 92.7 | 99.8 | 90.0 |
| 1957..... | 100.7 | 107.5 | 101.2 | 103.5 | 104.0 | 99.7 | 99.9 | 99.6 | 97.9 | 97.9 | 97.1 | 100.1 | 95.9 |
| 1958..... | 97.8 | 97.5 | 96.2 | 96.1 | 97.5 | 98.4 | 98.3 | 98.5 | 99.6 | 98.7 | 99.9 | 99.0 | 100.3 |
| 1959..... | 101.5 | 95.1 | 102.5 | 100.5 | 98.4 | 101.9 | 101.7 | 102.0 | 102.5 | 103.4 | 103.0 | 100.9 | 103.9 |
| 1960..... | 103.3 | 92.5 | 99.9 | 101.2 | 98.2 | 104.3 | 103.7 | 104.5 | 105.5 | 107.7 | 106.5 | 102.5 | 108.0 |
| 1961..... | 102.9 | 87.3 | 97.5 | 98.4 | 95.8 | 103.8 | 103.3 | 104.0 | 107.9 | 111.2 | 109.5 | 102.9 | 112.1 |
| 1962..... | 105.9 | 84.4 | 100.5 | 101.5 | 95.8 | 105.9 | 105.5 | 106.1 | 110.7 | 116.4 | 113.3 | 105.7 | 116.3 |
| 1963..... | 108.0 | 82.5 | 102.6 | 102.4 | 95.8 | 107.8 | 107.2 | 108.1 | 113.7 | 120.7 | 117.6 | 106.5 | 121.9 |
| 1964..... | 111.1 | 82.3 | 105.6 | 104.1 | 96.9 | 111.3 | 110.1 | 111.8 | 116.9 | 126.3 | 122.3 | 106.1 | 128.7 |
| 1965..... | 115.8 | 82.1 | 110.4 | 108.8 | 99.0 | 116.4 | 114.4 | 117.2 | 119.5 | 131.8 | 128.4 | 107.4 | 136.6 |
| 1966..... | 121.8 | 81.4 | 113.4 | 115.8 | 101.8 | 121.3 | 118.7 | 122.2 | 122.5 | 138.5 | 137.5 | 115.8 | 146.1 |
| 1967..... | 125.4 | 79.6 | 111.1 | 117.2 | 104.5 | 124.6 | 121.7 | 125.6 | 127.5 | 146.5 | 145.3 | 122.8 | 154.1 |
| 1968..... | 129.2 | 79.2 | 113.2 | 119.1 | 105.8 | 128.9 | 124.9 | 130.4 | 133.7 | 153.6 | 151.0 | 123.6 | 161.7 |
| 1969..... | 133.5 | 81.6 | 118.2 | 121.2 | 109.1 | 134.1 | 130.1 | 135.5 | 140.7 | 161.0 | 155.8 | 124.5 | 168.1 |
| 1969: February.. | 132.3 | 81.6 | 116.6 | 120.9 | 107.3 | 132.5 | 128.2 | 134.0 | 138.4 | 159.1 | 154.5 | 125.0 | 166.1 |
| March..... | 132.7 | 81.3 | 116.9 | 121.2 | 107.9 | 132.8 | 128.7 | 134.4 | 138.9 | 160.0 | 154.6 | 124.6 | 166.4 |
| April..... | 132.9 | 81.0 | 116.5 | 121.2 | 108.9 | 133.1 | 129.0 | 134.5 | 139.6 | 160.2 | 154.8 | 124.6 | 166.7 |
| May..... | 133.3 | 80.8 | 118.0 | 121.2 | 109.0 | 133.8 | 129.8 | 135.2 | 140.0 | 160.5 | 155.6 | 124.4 | 167.8 |
| June..... | 133.8 | 80.8 | 120.1 | 121.7 | 109.6 | 134.3 | 130.3 | 135.7 | 140.6 | 160.5 | 156.2 | 126.0 | 168.1 |
| July..... | 133.7 | 81.7 | 118.9 | 121.5 | 110.0 | 134.3 | 130.3 | 135.8 | 141.0 | 160.5 | 155.9 | 125.4 | 167.9 |
| August.... | 134.2 | 81.9 | 118.1 | 122.5 | 110.0 | 134.6 | 130.4 | 136.1 | 141.5 | 161.3 | 156.0 | 124.3 | 168.4 |
| September | 134.0 | 81.9 | 118.5 | 121.7 | 109.9 | 134.7 | 130.8 | 136.2 | 141.7 | 161.7 | 155.6 | 124.2 | 168.0 |
| October.. | 134.5 | 81.9 | 118.4 | 121.4 | 109.9 | 135.6 | 131.5 | 137.1 | 142.1 | 163.1 | 157.0 | 123.3 | 170.3 |
| November. | 134.5 | 82.1 | 119.9 | 120.5 | 110.0 | 135.8 | 131.7 | 137.3 | 142.8 | 163.4 | 157.3 | 122.9 | 170.8 |
| December. | 134.6 | 82.5 | 119.8 | 120.5 | 110.1 | 135.3 | 132.5 | 136.3 | 143.2 | 163.8 | 158.0 | 122.9 | 171.8 |
| 1970: January.. | 134.8 | 82.1 | 115.3 | 120.3 | 110.8 | 136.6 | 133.4 | 137.7 | 144.2 | 164.6 | 158.3 | 122.6 | 172.4 |
| February.. | 134.7 | 82.1 | 118.1 | 119.3 | 110.5 | 137.1 | 134.2 | 138.2 | 144.4 | 164.8 | 158.4 | 123.0 | 172.3 |

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

Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

(In thousands)

| Industry division and group | 1970 | | 1969 | | | | | | | | | | |
|--|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | Feb. | Jan. | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. |
| TOTAL | 70,766 | 70,778 | 70,679 | 70,635 | 70,651 | 70,390 | 70,500 | 70,247 | 70,300 | 70,013 | 69,789 | 69,710 | 69,487 |
| MINING | 632 | 632 | 635 | 632 | 631 | 631 | 631 | 629 | 622 | 622 | 624 | 626 | 628 |
| CONTRACT CONSTRUCTION | 3,409 | 3,328 | 3,459 | 3,461 | 3,418 | 3,420 | 3,410 | 3,434 | 3,466 | 3,407 | 3,363 | 3,374 | 3,366 |
| MANUFACTURING | 19,806 | 19,964 | 20,007 | 20,004 | 20,156 | 20,197 | 20,334 | 20,164 | 20,198 | 20,118 | 20,111 | 20,122 | 20,061 |
| DURABLE GOODS | 11,544 | 11,664 | 11,738 | 11,740 | 11,932 | 11,965 | 12,081 | 11,912 | 11,931 | 11,874 | 11,868 | 11,881 | 11,839 |
| Ordnance and accessories | 286 | 290 | 299 | 304 | 306 | 314 | 325 | 332 | 337 | 342 | 343 | 346 | 346 |
| Lumber and wood products | 579 | 591 | 591 | 591 | 589 | 595 | 598 | 600 | 607 | 610 | 604 | 608 | 607 |
| Furniture and fixtures | 481 | 485 | 486 | 488 | 491 | 492 | 493 | 491 | 496 | 496 | 496 | 494 | 494 |
| Stone, clay, and glass products | 659 | 661 | 664 | 664 | 662 | 660 | 659 | 658 | 662 | 656 | 658 | 664 | 666 |
| Primary metal industries | 1,336 | 1,352 | 1,371 | 1,378 | 1,381 | 1,378 | 1,361 | 1,348 | 1,347 | 1,333 | 1,326 | 1,332 | 1,330 |
| Fabricated metal products | 1,444 | 1,454 | 1,459 | 1,456 | 1,456 | 1,468 | 1,465 | 1,456 | 1,456 | 1,453 | 1,450 | 1,451 | 1,444 |
| Machinery, except electrical | 2,027 | 2,017 | 2,025 | 2,012 | 2,030 | 2,020 | 2,005 | 2,007 | 2,010 | 1,999 | 1,999 | 1,993 | 1,997 |
| Electrical equipment | 2,029 | 1,953 | 1,952 | 1,958 | 2,076 | 2,075 | 2,076 | 2,070 | 2,063 | 2,058 | 2,046 | 2,036 | 2,026 |
| Transportation equipment | 1,804 | 1,950 | 1,972 | 1,983 | 2,030 | 2,054 | 2,183 | 2,032 | 2,035 | 2,009 | 2,029 | 2,042 | 2,020 |
| Instruments and related products | 456 | 465 | 468 | 468 | 469 | 469 | 473 | 471 | 473 | 474 | 472 | 470 | 468 |
| Miscellaneous manufacturing | 443 | 446 | 451 | 438 | 442 | 440 | 443 | 447 | 445 | 444 | 445 | 445 | 441 |
| NONDURABLE GOODS | 8,262 | 8,300 | 8,269 | 8,264 | 8,224 | 8,232 | 8,253 | 8,252 | 8,267 | 8,244 | 8,243 | 8,241 | 8,222 |
| Food and kindred products | 1,815 | 1,812 | 1,803 | 1,808 | 1,777 | 1,791 | 1,797 | 1,787 | 1,789 | 1,793 | 1,795 | 1,793 | 1,801 |
| Tobacco manufactures | 81 | 80 | 76 | 78 | 78 | 80 | 83 | 81 | 81 | 82 | 81 | 83 | 82 |
| Textile mill products | 975 | 986 | 982 | 979 | 977 | 979 | 979 | 988 | 990 | 987 | 991 | 995 | 999 |
| Apparel and other textile products | 1,402 | 1,421 | 1,414 | 1,409 | 1,410 | 1,412 | 1,414 | 1,423 | 1,429 | 1,426 | 1,425 | 1,417 | 1,409 |
| Paper and allied products | 724 | 726 | 724 | 722 | 720 | 718 | 718 | 716 | 717 | 714 | 710 | 714 | 713 |
| Printing and publishing | 1,104 | 1,107 | 1,102 | 1,103 | 1,099 | 1,093 | 1,089 | 1,084 | 1,083 | 1,075 | 1,078 | 1,078 | 1,077 |
| Chemicals and allied products | 1,057 | 1,055 | 1,055 | 1,053 | 1,050 | 1,051 | 1,052 | 1,054 | 1,055 | 1,046 | 1,044 | 1,045 | 1,044 |
| Petroleum and coal products | 194 | 194 | 193 | 193 | 191 | 189 | 190 | 191 | 191 | 190 | 190 | 187 | 170 |
| Rubber and plastics products, nec | 576 | 581 | 581 | 581 | 583 | 583 | 586 | 585 | 584 | 581 | 579 | 579 | 577 |
| Leather and leather products | 334 | 338 | 339 | 338 | 339 | 336 | 345 | 343 | 348 | 350 | 350 | 350 | 350 |
| TRANSPORTATION AND PUBLIC UTILITIES | 4,502 | 4,518 | 4,489 | 4,484 | 4,480 | 4,480 | 4,484 | 4,483 | 4,467 | 4,444 | 4,439 | 4,399 | 4,373 |
| WHOLESALE AND RETAIL TRADE | 14,978 | 14,913 | 14,773 | 14,836 | 14,809 | 14,716 | 14,702 | 14,671 | 14,665 | 14,609 | 14,533 | 14,508 | 14,468 |
| WHOLESALE TRADE | 3,887 | 3,864 | 3,837 | 3,815 | 3,807 | 3,787 | 3,776 | 3,773 | 3,774 | 3,758 | 3,737 | 3,726 | 3,714 |
| RETAIL TRADE | 11,091 | 11,049 | 10,936 | 11,021 | 11,002 | 10,929 | 10,926 | 10,898 | 10,891 | 10,851 | 10,796 | 10,782 | 10,754 |
| FINANCE, INSURANCE, AND REAL ESTATE | 3,654 | 3,647 | 3,623 | 3,613 | 3,595 | 3,586 | 3,581 | 3,568 | 3,557 | 3,541 | 3,531 | 3,515 | 3,502 |
| SERVICES | 11,360 | 11,352 | 11,297 | 11,264 | 11,244 | 11,150 | 11,120 | 11,067 | 11,066 | 11,065 | 11,044 | 11,034 | 10,967 |
| Hotels and other lodging places | 743 | 753 | 749 | 742 | 740 | 721 | 704 | 706 | 724 | 730 | 741 | 745 | 733 |
| Personal services | 1,023 | 1,018 | 1,017 | 1,021 | 1,025 | 1,026 | 1,026 | 1,030 | 1,026 | 1,025 | 1,024 | 1,026 | 1,027 |
| Medical and other health services | 2,986 | 2,974 | 2,956 | 2,936 | 2,917 | 2,897 | 2,874 | 2,861 | 2,850 | 2,831 | 2,813 | 2,795 | 2,778 |
| Educational services | 1,128 | 1,125 | 1,121 | 1,118 | 1,113 | 1,092 | 1,094 | 1,099 | 1,102 | 1,120 | 1,119 | 1,117 | 1,112 |
| GOVERNMENT | 12,425 | 12,424 | 12,396 | 12,341 | 12,318 | 12,210 | 12,238 | 12,231 | 12,259 | 12,207 | 12,144 | 12,132 | 12,122 |
| FEDERAL | 2,723 | 2,714 | 2,720 | 2,721 | 2,729 | 2,749 | 2,752 | 2,777 | 2,790 | 2,754 | 2,758 | 2,759 | 2,767 |
| STATE AND LOCAL | 9,702 | 9,710 | 9,676 | 9,620 | 9,589 | 9,461 | 9,486 | 9,454 | 9,469 | 9,453 | 9,386 | 9,373 | 9,355 |

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

ESTABLISHMENT DATA
SEASONALLY ADJUSTED EMPLOYMENT

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

| Major industry group | (In thousands) | | | | | | | | | | | | |
|--|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 1970 | | | 1969 | | | | | | | | | |
| | Feb. | Jan. | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. |
| TOTAL | 17,755 | 17,837 | 17,992 | 17,989 | 18,094 | 18,137 | 18,267 | 18,142 | 18,203 | 18,092 | 18,054 | 18,101 | 18,063 |
| MINING | 484 | 483 | 484 | 482 | 482 | 484 | 483 | 481 | 473 | 474 | 476 | 477 | 480 |
| CONTRACT CONSTRUCTION | 2,883 | 2,806 | 2,926 | 2,919 | 2,880 | 2,881 | 2,862 | 2,889 | 2,919 | 2,878 | 2,839 | 2,853 | 2,852 |
| MANUFACTURING | 14,388 | 14,548 | 14,582 | 14,588 | 14,732 | 14,772 | 14,922 | 14,772 | 14,811 | 14,740 | 14,739 | 14,771 | 14,731 |
| DURABLE GOODS | 8,308 | 8,423 | 8,487 | 8,492 | 8,674 | 8,701 | 8,823 | 8,668 | 8,687 | 8,630 | 8,634 | 8,654 | 8,628 |
| Ordnance and accessories | 155 | 156 | 163 | 167 | 168 | 173 | 181 | 187 | 188 | 192 | 193 | 197 | 195 |
| Lumber and wood products | 497 | 511 | 511 | 510 | 509 | 516 | 518 | 520 | 528 | 530 | 525 | 528 | 527 |
| Furniture and fixtures | 399 | 403 | 402 | 404 | 408 | 408 | 410 | 408 | 411 | 412 | 413 | 410 | 410 |
| Stone, clay, and glass products | 524 | 525 | 531 | 530 | 531 | 529 | 527 | 526 | 532 | 526 | 529 | 535 | 537 |
| Primary metal industries | 1,064 | 1,081 | 1,097 | 1,104 | 1,109 | 1,106 | 1,087 | 1,077 | 1,076 | 1,062 | 1,057 | 1,063 | 1,058 |
| Fabricated metal products | 1,103 | 1,116 | 1,119 | 1,116 | 1,117 | 1,127 | 1,128 | 1,122 | 1,122 | 1,121 | 1,118 | 1,121 | 1,115 |
| Machinery, except electrical | 1,384 | 1,376 | 1,381 | 1,372 | 1,387 | 1,380 | 1,366 | 1,369 | 1,377 | 1,366 | 1,370 | 1,363 | 1,370 |
| Electrical equipment and supplies | 1,338 | 1,268 | 1,269 | 1,278 | 1,389 | 1,383 | 1,387 | 1,388 | 1,379 | 1,381 | 1,369 | 1,364 | 1,355 |
| Transportation equipment | 1,220 | 1,354 | 1,375 | 1,385 | 1,423 | 1,447 | 1,582 | 1,430 | 1,434 | 1,399 | 1,420 | 1,432 | 1,426 |
| Instruments and related products | 278 | 284 | 286 | 286 | 288 | 289 | 292 | 291 | 292 | 294 | 292 | 292 | 289 |
| Miscellaneous manufacturing industries | 346 | 349 | 353 | 340 | 345 | 343 | 345 | 350 | 348 | 347 | 348 | 349 | 346 |
| NONDURABLE GOODS | 6,080 | 6,125 | 6,095 | 6,096 | 6,058 | 6,071 | 6,099 | 6,104 | 6,124 | 6,110 | 6,105 | 6,117 | 6,103 |
| Food and kindred products | 1,226 | 1,223 | 1,214 | 1,217 | 1,185 | 1,199 | 1,204 | 1,197 | 1,201 | 1,206 | 1,205 | 1,208 | 1,215 |
| Tobacco manufactures | 67 | 66 | 63 | 65 | 65 | 67 | 70 | 68 | 69 | 69 | 68 | 69 | 69 |
| Textile mill products | 855 | 868 | 863 | 862 | 860 | 862 | 863 | 873 | 873 | 871 | 875 | 880 | 883 |
| Apparel and other textile products | 1,228 | 1,248 | 1,241 | 1,238 | 1,238 | 1,239 | 1,242 | 1,248 | 1,255 | 1,255 | 1,252 | 1,246 | 1,238 |
| Paper and allied products | 560 | 561 | 561 | 558 | 557 | 557 | 557 | 555 | 556 | 554 | 549 | 555 | 555 |
| Printing and publishing | 685 | 688 | 685 | 685 | 683 | 678 | 676 | 675 | 674 | 669 | 672 | 673 | 672 |
| Chemicals and allied products | 611 | 613 | 614 | 614 | 613 | 614 | 619 | 620 | 623 | 617 | 617 | 620 | 620 |
| Petroleum and coal products | 120 | 120 | 118 | 119 | 118 | 117 | 118 | 119 | 119 | 118 | 118 | 116 | 101 |
| Rubber and plastics products, nec | 442 | 448 | 446 | 449 | 450 | 451 | 454 | 455 | 455 | 451 | 449 | 449 | 448 |
| Leather and leather products | 286 | 290 | 290 | 289 | 289 | 287 | 296 | 294 | 299 | 300 | 300 | 301 | 302 |

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

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

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

| | State and area | TOTAL | | | Mining | | | Contract construction | | | Manufacturing | | |
|----|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|-----------|-----------|---------------|-----------|-----------|
| | | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 |
| 1 | ALABAMA | (*) | 995.5 | 958.5 | (*) | 8.0 | 7.9 | (*) | 51.9 | 47.2 | (*) | 314.9 | 308.5 |
| 2 | Birmingham ¹ | 257.8 | 261.1 | 248.3 | 5.5 | 5.5 | 5.3 | 14.5 | 15.3 | 14.3 | 72.4 | 72.8 | 68.6 |
| 3 | Huntsville ¹ | 77.4 | 78.3 | 75.9 | (2) | (2) | (2) | 2.4 | 2.7 | 3.1 | 12.7 | 12.7 | 11.8 |
| 4 | Mobile | (*) | 106.4 | 101.6 | (*) | (2) | (2) | (*) | 6.6 | 6.4 | (*) | 25.7 | 23.7 |
| 5 | Montgomery ¹ | 67.6 | 69.0 | 65.8 | (2) | (2) | (2) | 4.6 | 5.5 | 4.7 | 10.6 | 10.5 | 10.0 |
| 6 | Tuscaloosa ¹ | 35.5 | 37.5 | 35.1 | (2) | (2) | (2) | 2.3 | 2.5 | 1.7 | 10.0 | 10.1 | 10.1 |
| 7 | ALASKA | 80.0 | 81.7 | 74.3 | 3.1 | 3.0 | 2.6 | 4.6 | 5.5 | 3.8 | 4.4 | 4.5 | 4.4 |
| 8 | ARIZONA | 536.0 | 540.5 | 494.9 | 19.1 | 19.0 | 17.5 | 33.7 | 33.9 | 28.6 | 95.4 | 96.0 | 89.3 |
| 9 | Phoenix | 322.0 | 324.7 | 295.9 | .2 | .2 | .2 | 19.3 | 19.4 | 16.0 | 75.4 | 76.1 | 71.5 |
| 10 | Tucson | 102.4 | 103.1 | 94.0 | 5.8 | 5.7 | 5.3 | 9.4 | 9.4 | 8.3 | 9.0 | 8.9 | 7.5 |
| 11 | ARKANSAS ¹ | 524.9 | 536.0 | 515.0 | 4.3 | 4.4 | 4.5 | 26.6 | 27.8 | 27.2 | 166.0 | 166.8 | 162.6 |
| 12 | Fayetteville | 24.7 | 25.4 | 24.2 | (2) | (2) | (2) | 1.0 | 1.3 | 1.3 | 7.1 | 7.1 | 6.8 |
| 13 | Fort Smith | 42.0 | 43.0 | 42.5 | .5 | .5 | .5 | 1.2 | 1.3 | 1.7 | 15.9 | 16.0 | 15.9 |
| 14 | Little Rock-North Little Rock ¹ | 121.3 | 123.3 | 117.7 | (2) | (2) | (2) | 7.0 | 8.3 | 7.4 | 28.0 | 27.5 | 25.8 |
| 15 | Pine Bluff | 24.3 | 25.0 | 24.3 | (2) | (2) | (2) | 1.0 | 1.2 | 1.3 | 5.6 | 5.7 | 5.8 |
| 16 | CALIFORNIA | 6,901.4 | 7,067.3 | 6,706.5 | 31.9 | 32.3 | 32.2 | 286.9 | 306.5 | 273.0 | 1,599.5 | 1,627.3 | 1,614.7 |
| 17 | Anaheim-Santa Ana-Garden Grove | 410.3 | 416.9 | 391.0 | 2.0 | 2.0 | 2.1 | 21.8 | 22.3 | 18.6 | 125.1 | 125.5 | 129.2 |
| 18 | Bakersfield | 89.7 | 92.6 | 87.7 | 6.8 | 6.9 | 7.1 | 5.1 | 5.6 | 5.2 | 8.3 | 8.5 | 8.0 |
| 19 | Fresno | 112.2 | 116.8 | 108.3 | .7 | .7 | .7 | 4.5 | 4.8 | 4.3 | 16.4 | 17.1 | 16.0 |
| 20 | Los Angeles-Long Beach | 2,901.3 | 2,965.5 | 2,837.0 | 11.7 | 11.8 | 11.8 | 104.4 | 108.6 | 98.7 | 855.2 | 868.4 | 870.3 |
| 21 | Modesto-Turlock | 50.4 | 53.0 | 49.9 | .1 | .1 | .1 | 2.8 | 3.2 | 2.9 | 10.8 | 11.9 | 11.8 |
| 22 | Ornard-Ventura | 88.8 | 90.6 | 87.4 | 1.9 | 1.8 | 1.7 | 3.9 | 4.2 | 3.4 | 14.2 | 14.8 | 14.8 |
| 23 | Sacramento | 253.1 | 259.7 | 249.9 | .2 | .2 | .2 | 9.1 | 10.2 | 8.8 | 20.9 | 21.4 | 23.9 |
| 24 | Salinas-Monterey | 58.7 | 61.9 | 56.8 | .4 | .4 | .4 | 2.4 | 2.6 | 2.5 | 6.7 | 7.3 | 6.5 |
| 25 | San Bernardino-Riverside-Ontario | 291.3 | 294.9 | 281.7 | 2.3 | 2.3 | 2.2 | 13.5 | 14.0 | 12.6 | 52.0 | 52.5 | 52.1 |
| 26 | San Diego | 379.6 | 384.6 | 357.4 | .5 | .5 | .5 | 21.0 | 21.5 | 19.1 | 69.9 | 70.5 | 66.8 |
| 27 | San Francisco-Oakland | 1,251.8 | 1,283.9 | 1,219.8 | 1.7 | 1.9 | 1.7 | 60.4 | 63.6 | 57.9 | 200.7 | 204.4 | 199.4 |
| 28 | San Jose | 364.7 | 370.8 | 355.7 | .1 | .1 | .1 | 15.8 | 16.8 | 16.0 | 119.3 | 120.6 | 122.7 |
| 29 | Santa Barbara | 80.6 | 82.3 | 76.7 | 1.0 | 1.0 | .9 | 4.4 | 4.7 | 3.7 | 10.2 | 10.6 | 9.8 |
| 30 | Santa Rosa | 47.9 | 49.7 | 45.4 | .3 | .4 | .3 | 2.2 | 2.6 | 1.9 | 6.5 | 6.9 | 6.4 |
| 31 | Stockton | 84.6 | 86.6 | 81.8 | .1 | .1 | .1 | 2.6 | 2.9 | 2.7 | 15.7 | 16.0 | 14.7 |
| 32 | Vallejo-Napa | 65.1 | 67.0 | 65.9 | .1 | .2 | .2 | 1.8 | 2.2 | 2.0 | 5.8 | 6.2 | 6.4 |
| 33 | COLORADO | 712.6 | 725.9 | 689.3 | 13.7 | 14.0 | 13.1 | 36.6 | 39.0 | 34.1 | 114.3 | 116.6 | 110.3 |
| 34 | Denver | 461.5 | 470.3 | 445.2 | 4.6 | 4.6 | 4.4 | 25.2 | 26.7 | 23.4 | 82.4 | 83.2 | 78.6 |
| 35 | CONNECTICUT ¹ | 1,187.5 | 1,224.3 | 1,162.2 | (3) | (3) | (3) | 55.8 | 56.8 | 45.4 | 467.5 | 475.4 | 475.4 |
| 36 | Bridgeport | 147.2 | 149.9 | 149.9 | (3) | (3) | (3) | 4.9 | 5.6 | 5.1 | 69.9 | 70.8 | 76.7 |
| 37 | Hartford | 315.1 | 321.4 | 317.5 | (3) | (3) | (3) | 13.4 | 14.9 | 13.3 | 107.0 | 107.5 | 110.7 |
| 38 | New Britain | 46.6 | 47.5 | 46.9 | (3) | (3) | (3) | 1.4 | 1.6 | 1.5 | 25.0 | 25.0 | 25.6 |
| 39 | New Haven | 154.4 | 155.3 | 150.8 | (3) | (3) | (3) | 6.6 | 7.3 | 6.3 | 45.0 | 44.2 | 45.4 |
| 40 | Stamford | 79.1 | 80.3 | 75.9 | (3) | (3) | (3) | 3.5 | 3.9 | 3.1 | 27.3 | 26.9 | 27.2 |
| 41 | Waterbury | 78.9 | 81.0 | 78.5 | (3) | (3) | (3) | 2.9 | 3.6 | 2.9 | 39.2 | 39.6 | 41.1 |
| 42 | DELAWARE | 209.1 | 212.7 | 207.3 | (2) | (2) | (2) | 13.4 | 14.9 | 13.9 | 72.7 | 73.3 | 73.7 |
| 43 | Wilmington | 183.2 | 186.5 | 181.1 | (2) | (2) | (2) | 10.5 | 11.8 | 10.9 | 69.2 | 69.9 | 68.7 |
| 44 | DISTRICT OF COLUMBIA ⁴ | (*) | 683.4 | 674.4 | (*) | (2) | (2) | (*) | 16.4 | 18.0 | (*) | 20.3 | 19.9 |
| 45 | Washington SMSA | (*) | 1,118.3 | 1,073.8 | (*) | (2) | (2) | (*) | 56.5 | 54.4 | (*) | 43.5 | 43.2 |
| 46 | FLORIDA ¹ | 2,177.6 | 2,183.8 | 2,051.3 | 7.9 | 7.9 | 8.0 | 169.9 | 175.1 | 154.8 | 336.0 | 336.3 | 329.1 |
| 47 | Fort Lauderdale-Hollywood ¹ | 181.0 | 179.2 | 160.3 | (2) | (2) | (2) | 28.5 | 28.4 | 20.5 | 20.7 | 21.2 | 20.6 |
| 48 | Jacksonville | (*) | 188.6 | 182.8 | (2) | (2) | (2) | (*) | 11.1 | 11.1 | (*) | 24.2 | 23.4 |
| 49 | Miami ¹ | 505.5 | 501.2 | 480.1 | (2) | (2) | (2) | 33.5 | 33.7 | 31.0 | 80.0 | 80.1 | 75.2 |
| 50 | Orlando ¹ | 137.2 | 138.8 | 128.8 | (2) | (2) | (2) | 12.6 | 12.9 | 10.3 | 22.2 | 22.0 | 22.4 |
| 51 | Pensacola ¹ | 67.2 | 67.9 | 65.3 | (2) | (2) | (2) | 4.9 | 5.0 | 5.0 | 14.5 | 14.6 | 14.3 |
| 52 | Tampa-St. Petersburg ¹ | 304.0 | 306.2 | 289.4 | (2) | (2) | (2) | 23.3 | 23.2 | 22.2 | 54.1 | 55.8 | 52.5 |
| 53 | West Palm Beach ¹ | 116.3 | 114.2 | 105.5 | (2) | (2) | (2) | 13.2 | 13.4 | 10.3 | 20.4 | 19.8 | 19.0 |
| 54 | GEORGIA ¹ | 1,528.9 | 1,556.3 | 1,481.4 | 6.8 | 6.9 | 6.8 | 74.3 | 79.6 | 76.1 | 474.8 | 481.0 | 467.7 |
| 55 | Atlanta ¹ | 606.1 | 616.2 | 578.4 | (2) | (2) | (2) | 29.1 | 32.5 | 33.4 | 132.8 | 134.0 | 126.3 |

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

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division

(In thousands)

| Transportation and public utilities | | | Wholesale and retail trade | | | Finance, insurance, and real estate | | | Services | | | Government | | | |
|-------------------------------------|-----------|-----------|----------------------------|-----------|-----------|-------------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|----|
| Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | |
| (*) | 55.1 | 52.0 | (*) | 196.0 | 180.3 | (*) | 40.7 | 40.5 | (*) | 128.9 | 126.5 | (*) | 200.0 | 195.6 | 1 |
| 18.5 | 18.5 | 18.1 | 60.1 | 62.1 | 57.2 | 17.3 | 17.4 | 16.9 | 35.8 | 36.0 | 34.4 | 33.7 | 33.5 | 33.5 | 2 |
| 1.9 | 1.9 | 1.9 | 12.1 | 12.7 | 11.7 | 2.0 | 2.0 | 1.9 | 16.4 | 16.4 | 17.1 | 29.9 | 29.9 | 28.4 | 3 |
| (*) | 9.7 | 8.9 | (*) | 25.8 | 24.9 | (*) | 4.8 | 4.6 | (*) | 16.8 | 16.1 | (*) | 17.0 | 17.0 | 4 |
| 4.5 | 4.5 | 4.2 | 15.0 | 15.6 | 14.9 | 4.4 | 4.4 | 4.2 | 10.3 | 10.4 | 10.2 | 18.2 | 18.1 | 17.6 | 5 |
| 1.5 | 1.5 | 1.5 | 6.1 | 6.5 | 5.9 | 1.1 | 1.1 | 1.1 | 3.4 | 3.4 | 3.3 | 11.1 | 12.4 | 11.5 | 6 |
| 7.1 | 7.4 | 7.3 | 14.1 | 14.5 | 12.5 | 2.7 | 2.7 | 2.5 | 10.8 | 10.7 | 9.4 | 33.2 | 33.4 | 31.8 | 7 |
| 29.1 | 29.2 | 27.5 | 124.3 | 128.8 | 111.4 | 28.6 | 28.5 | 25.3 | 90.0 | 88.6 | 81.9 | 115.8 | 116.5 | 113.4 | 8 |
| 16.9 | 17.0 | 15.9 | 81.6 | 83.6 | 71.7 | 21.2 | 21.1 | 18.6 | 53.0 | 52.3 | 48.7 | 54.4 | 55.0 | 53.3 | 9 |
| 5.7 | 5.7 | 5.4 | 22.8 | 23.8 | 20.3 | 4.4 | 4.3 | 3.8 | 18.6 | 18.3 | 17.7 | 26.7 | 27.0 | 25.7 | 10 |
| 31.5 | 31.8 | 30.5 | 102.5 | 110.1 | 101.0 | 20.4 | 20.7 | 19.8 | 71.1 | 71.8 | 68.8 | 102.5 | 102.6 | 100.6 | 11 |
| 2.2 | 2.2 | 2.2 | 4.8 | 5.1 | 4.6 | .6 | .6 | .6 | 3.3 | 3.2 | 3.1 | 5.7 | 5.9 | 5.6 | 12 |
| 2.5 | 2.5 | 2.5 | 8.5 | 9.2 | 8.6 | 1.4 | 1.4 | 1.4 | 6.3 | 6.4 | 6.3 | 5.7 | 5.7 | 5.6 | 13 |
| 9.5 | 9.5 | 9.1 | 26.1 | 27.3 | 25.9 | 8.7 | 8.7 | 8.3 | 18.0 | 18.0 | 17.6 | 24.0 | 24.0 | 23.6 | 14 |
| 3.2 | 3.2 | 3.0 | 4.6 | 4.8 | 4.5 | .9 | .9 | .9 | 3.2 | 3.3 | 3.1 | 5.8 | 5.9 | 5.7 | 15 |
| 459.0 | 465.5 | 448.2 | 1,514.4 | 1,600.0 | 1,445.5 | 371.5 | 371.8 | 354.3 | 1,231.3 | 1,243.0 | 1,169.1 | 1,406.9 | 1,420.9 | 1,369.5 | 16 |
| 13.6 | 13.6 | 12.3 | 96.8 | 101.3 | 87.7 | 19.4 | 19.2 | 18.5 | 65.7 | 66.6 | 60.7 | 65.9 | 66.4 | 61.9 | 17 |
| 6.2 | 6.3 | 6.0 | 20.1 | 21.5 | 19.7 | 3.6 | 3.5 | 3.3 | 13.9 | 14.4 | 13.1 | 25.7 | 25.9 | 25.3 | 18 |
| 7.5 | 7.9 | 7.4 | 28.6 | 31.1 | 28.1 | 5.4 | 5.4 | 5.2 | 20.8 | 21.2 | 19.8 | 28.3 | 28.6 | 26.8 | 19 |
| 178.4 | 179.2 | 174.6 | 639.4 | 675.4 | 614.1 | 165.0 | 165.2 | 158.4 | 532.6 | 537.7 | 510.5 | 414.6 | 419.2 | 398.6 | 20 |
| 2.8 | 2.9 | 2.6 | 11.8 | 12.4 | 11.3 | 1.5 | 1.5 | 1.4 | 9.6 | 9.7 | 9.0 | 11.0 | 11.3 | 10.8 | 21 |
| 4.1 | 4.0 | 3.9 | 19.4 | 19.8 | 18.5 | 3.1 | 3.1 | 3.0 | 13.7 | 14.0 | 13.5 | 28.5 | 28.9 | 28.6 | 22 |
| 17.6 | 17.9 | 17.4 | 52.6 | 57.0 | 50.9 | 10.2 | 10.4 | 10.0 | 36.3 | 36.3 | 34.6 | 106.2 | 106.3 | 104.1 | 23 |
| 4.0 | 4.1 | 4.0 | 14.7 | 16.5 | 14.1 | 2.4 | 2.4 | 2.3 | 11.1 | 11.4 | 10.5 | 17.0 | 17.2 | 16.5 | 24 |
| 17.4 | 17.6 | 17.2 | 65.4 | 68.2 | 62.1 | 9.9 | 9.9 | 9.6 | 55.3 | 54.9 | 52.7 | 75.5 | 75.5 | 73.2 | 25 |
| 20.0 | 19.8 | 18.9 | 83.6 | 86.6 | 77.0 | 17.8 | 17.7 | 16.5 | 69.9 | 70.0 | 65.6 | 96.9 | 98.0 | 93.0 | 26 |
| 133.4 | 136.3 | 131.5 | 270.8 | 285.5 | 260.7 | 97.0 | 97.4 | 92.8 | 216.2 | 219.3 | 206.0 | 271.6 | 275.5 | 269.8 | 27 |
| 15.7 | 15.9 | 15.2 | 70.1 | 73.2 | 64.6 | 13.0 | 13.0 | 12.4 | 71.6 | 72.1 | 69.1 | 59.1 | 59.1 | 55.6 | 28 |
| 3.6 | 3.6 | 3.5 | 17.0 | 17.7 | 16.6 | 3.1 | 3.1 | 2.9 | 19.5 | 19.7 | 18.7 | 21.8 | 21.9 | 20.6 | 29 |
| 2.6 | 2.6 | 2.5 | 11.3 | 12.1 | 11.0 | 3.2 | 3.2 | 3.0 | 8.5 | 8.6 | 7.9 | 13.3 | 13.3 | 12.4 | 30 |
| 6.7 | 6.6 | 6.3 | 18.9 | 20.0 | 18.0 | 2.9 | 3.0 | 2.8 | 13.9 | 14.1 | 13.1 | 23.9 | 24.0 | 24.2 | 31 |
| 3.5 | 3.6 | 3.5 | 11.1 | 12.0 | 11.0 | 1.9 | 1.9 | 1.8 | 10.3 | 10.4 | 10.1 | 30.6 | 30.5 | 30.9 | 32 |
| 50.7 | 51.5 | 49.0 | 168.9 | 176.1 | 163.4 | 37.0 | 36.9 | 36.1 | 123.3 | 122.9 | 119.4 | 168.1 | 168.9 | 163.9 | 33 |
| 35.5 | 36.0 | 34.1 | 116.1 | 121.3 | 111.5 | 28.4 | 28.4 | 27.7 | 82.5 | 82.9 | 80.6 | 86.8 | 87.2 | 84.9 | 34 |
| 53.0 | 55.1 | 50.6 | 219.9 | 237.5 | 208.5 | 70.0 | 71.5 | 69.2 | 168.9 | 176.2 | 166.7 | 152.4 | 151.8 | 146.5 | 35 |
| 6.2 | 6.3 | 6.1 | 28.7 | 30.0 | 26.6 | 4.6 | 4.5 | 4.5 | 19.4 | 19.1 | 17.9 | 13.5 | 13.6 | 13.1 | 36 |
| 11.6 | 11.7 | 11.3 | 57.0 | 60.9 | 59.2 | 40.7 | 40.8 | 39.8 | 45.4 | 45.5 | 44.0 | 39.9 | 40.1 | 39.3 | 37 |
| 1.8 | 1.8 | 1.8 | 7.4 | 8.0 | 7.4 | 1.2 | 1.2 | 1.1 | 5.3 | 5.3 | 5.2 | 4.7 | 4.6 | 4.5 | 38 |
| 13.7 | 13.7 | 13.5 | 30.7 | 32.3 | 30.2 | 8.0 | 8.0 | 7.5 | 31.6 | 31.3 | 29.6 | 18.9 | 18.5 | 18.4 | 39 |
| 3.2 | 3.2 | 2.9 | 17.2 | 18.4 | 16.4 | 4.2 | 4.1 | 3.8 | 15.9 | 16.0 | 15.4 | 7.7 | 7.7 | 7.2 | 40 |
| 3.2 | 3.2 | 3.0 | 13.0 | 14.3 | 12.0 | 2.1 | 2.0 | 1.9 | 10.1 | 10.0 | 9.7 | 8.5 | 8.4 | 7.9 | 41 |
| 10.8 | 10.9 | 11.0 | 43.3 | 44.8 | 42.6 | 8.5 | 8.5 | 8.4 | 28.3 | 28.6 | 27.7 | 32.1 | 31.7 | 30.0 | 42 |
| 9.5 | 9.6 | 9.8 | 35.3 | 36.5 | 34.7 | 7.6 | 7.6 | 7.5 | 24.1 | 24.3 | 23.8 | 27.0 | 26.8 | 25.7 | 43 |
| (*) | 31.1 | 30.4 | (*) | 91.2 | 87.6 | (*) | 31.0 | 31.1 | (*) | 134.4 | 130.0 | (*) | 359.0 | 357.4 | 44 |
| (*) | 63.6 | 58.6 | (*) | 234.1 | 213.5 | (*) | 62.1 | 60.8 | (*) | 235.1 | 226.3 | (*) | 423.4 | 417.0 | 45 |
| 158.1 | 153.9 | 139.7 | 573.4 | 588.6 | 541.8 | 127.9 | 127.5 | 118.8 | 409.0 | 400.1 | 380.4 | 395.4 | 394.4 | 378.7 | 46 |
| 9.6 | 9.0 | 7.7 | 48.4 | 49.2 | 45.5 | 11.1 | 11.1 | 9.7 | 38.2 | 35.9 | 33.7 | 24.5 | 24.4 | 22.6 | 47 |
| (*) | 20.0 | 18.4 | (*) | 54.2 | 51.6 | (*) | 18.0 | 17.0 | (*) | 27.8 | 27.8 | (*) | 33.3 | 33.5 | 48 |
| 55.4 | 54.4 | 52.4 | 133.3 | 133.6 | 128.1 | 31.9 | 31.9 | 30.5 | 114.4 | 110.9 | 107.5 | 57.0 | 56.6 | 55.4 | 49 |
| 8.4 | 8.4 | 7.4 | 40.0 | 41.6 | 37.7 | 9.2 | 9.1 | 8.4 | 23.3 | 23.3 | 22.5 | 21.5 | 21.5 | 20.1 | 50 |
| 3.3 | 3.3 | 3.2 | 15.0 | 15.6 | 13.6 | 2.5 | 2.5 | 2.5 | 8.7 | 8.7 | 8.3 | 18.3 | 18.2 | 18.4 | 51 |
| 20.9 | 20.9 | 19.4 | 88.0 | 90.1 | 84.1 | 17.6 | 17.5 | 16.4 | 56.4 | 55.1 | 53.4 | 43.7 | 43.6 | 41.4 | 52 |
| 5.0 | 4.5 | 4.5 | 29.4 | 29.6 | 27.3 | 7.5 | 7.3 | 6.3 | 24.6 | 23.5 | 22.4 | 16.2 | 16.1 | 15.7 | 53 |
| 106.9 | 106.4 | 96.5 | 324.2 | 340.7 | 312.4 | 72.6 | 72.6 | 69.9 | 176.7 | 177.8 | 172.7 | 292.6 | 291.3 | 279.3 | 54 |
| 59.4 | 59.3 | 54.8 | 164.9 | 170.7 | 154.5 | 41.3 | 41.3 | 39.5 | 86.8 | 86.9 | 84.5 | 91.8 | 91.5 | 85.4 | 55 |

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

| | State and area | TOTAL | | | Mining | | | Contract construction | | | Manufacturing | | |
|---------------------|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|-----------|-----------|---------------|-----------|-----------|
| | | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 |
| GEORGIA (continued) | | | | | | | | | | | | | |
| 1 | Augusta ¹ | 88.2 | 89.9 | 87.3 | (2) | (2) | (2) | 5.5 | 5.6 | 5.1 | 30.8 | 31.1 | 31.2 |
| 2 | Columbus ¹ | 69.9 | 71.1 | 70.1 | (2) | (2) | (2) | 4.2 | 4.5 | 4.1 | 19.4 | 19.5 | 19.9 |
| 3 | Macon | 78.3 | 80.7 | 76.9 | (2) | (2) | (2) | 4.9 | 5.2 | 3.8 | 15.0 | 15.3 | 15.0 |
| 4 | Savannah ¹ | 68.4 | 69.5 | 63.2 | (2) | (2) | (2) | 4.0 | 4.2 | 3.7 | 17.4 | 17.8 | 17.0 |
| 5 | HAWAII | (*) | 275.8 | 261.5 | (*) | (2) | (2) | (*) | 22.2 | 20.4 | (*) | 22.2 | 23.0 |
| 6 | Honolulu | (*) | 234.8 | 222.4 | (*) | (2) | (2) | (*) | 19.4 | 18.0 | (*) | 15.7 | 16.6 |
| 7 | IDAHO | 197.2 | 201.7 | 191.6 | 3.4 | 3.4 | 3.5 | 7.4 | 8.8 | 6.7 | 40.1 | 40.8 | 39.6 |
| 8 | Boise | 38.0 | 38.7 | 36.2 | (2) | (2) | (2) | 1.9 | 2.1 | 1.8 | 4.3 | 4.4 | 4.1 |
| 9 | ILLINOIS | 4,333.0 | 4,438.0 | 4,281.3 | 23.5 | 23.8 | 23.3 | 182.2 | 199.8 | 171.3 | 1,358.6 | 1,371.6 | 1,386.3 |
| 10 | Chicago ⁵ | (*) | 3,086.0 | 2,965.8 | (*) | 4.6 | 4.7 | (*) | 126.7 | 114.6 | (*) | 968.5 | 971.5 |
| 11 | Chicago-Northwestern Indiana | (*) | (*) | 3,174.1 | (*) | (*) | 4.8 | (*) | (*) | 127.0 | (*) | (*) | 1,071.8 |
| 12 | Davenport-Rock Island-Moline | (*) | 133.8 | 133.7 | (*) | (3) | (3) | (*) | 6.6 | 6.4 | (*) | 43.1 | 46.3 |
| 13 | Peoria | (*) | 134.2 | 127.4 | (*) | (3) | (3) | (*) | 7.8 | 7.0 | (*) | 49.5 | 47.6 |
| 14 | Rockford | (*) | 113.9 | 110.4 | (*) | (3) | (3) | (*) | 5.1 | 4.4 | (*) | 57.0 | 57.8 |
| 15 | INDIANA | 1,827.5 | 1,880.4 | 1,825.7 | 6.6 | 6.9 | 6.8 | 72.6 | 87.2 | 73.0 | 720.8 | 733.1 | 738.0 |
| 16 | Evansville | (*) | 87.5 | 85.6 | (*) | 1.6 | 1.6 | (*) | 4.1 | 3.8 | (*) | 33.4 | 33.3 |
| 17 | Fort Wayne | (*) | 112.3 | 112.2 | (*) | (2) | (2) | (*) | 5.1 | 4.2 | (*) | 38.8 | 44.2 |
| 18 | Gary-Hammond-East Chicago ⁵ | (*) | 220.1 | 208.3 | (*) | (2) | (2) | (*) | 13.2 | 12.4 | (*) | 107.8 | 100.3 |
| 19 | Indianapolis | (*) | 427.5 | 414.0 | (*) | (2) | (2) | (*) | 19.6 | 15.5 | (*) | 136.3 | 137.9 |
| 20 | Muncie | (*) | 48.1 | 46.2 | (*) | (2) | (2) | (*) | 2.0 | 1.8 | (*) | 19.2 | 19.0 |
| 21 | South Bend | (*) | 96.8 | 95.4 | (*) | (2) | (2) | (*) | 4.0 | 3.4 | (*) | 24.8 | 36.5 |
| 22 | Terre Haute | (*) | 54.9 | 52.2 | (*) | .9 | .8 | (*) | 2.3 | 2.0 | (*) | 15.0 | 13.9 |
| 23 | IOWA | 865.4 | 886.4 | 857.0 | 3.0 | 3.4 | 3.0 | 32.4 | 37.7 | 33.2 | 217.3 | 221.2 | 223.1 |
| 24 | Cedar Rapids | 66.5 | 68.0 | 65.9 | (2) | (2) | (2) | 2.1 | 2.5 | 2.6 | 27.4 | 27.6 | 27.5 |
| 25 | Des Moines | 129.1 | 130.5 | 125.0 | (2) | (2) | (2) | 5.7 | 6.2 | 4.9 | 26.9 | 26.6 | 26.6 |
| 26 | Dubuque ¹ | 34.2 | 34.6 | 32.4 | (2) | (2) | (2) | 1.5 | 1.6 | 1.3 | 14.4 | 14.4 | 13.7 |
| 27 | Sioux City ¹ | 39.7 | 40.8 | 41.1 | (2) | (2) | (2) | 1.7 | 1.8 | 1.8 | 8.5 | 8.6 | 10.1 |
| 28 | Waterloo ¹ | 50.2 | 50.9 | 49.4 | (2) | (2) | (2) | 2.1 | 2.3 | 1.9 | 19.3 | 19.3 | 19.8 |
| 29 | KANSAS | 678.1 | 691.5 | 673.0 | 11.6 | 11.6 | 11.8 | 32.4 | 36.2 | 29.6 | 142.0 | 144.8 | 146.5 |
| 30 | Topeka | 61.9 | 62.5 | 59.3 | .1 | .1 | .1 | 3.4 | 3.6 | 2.8 | 9.3 | 9.3 | 8.8 |
| 31 | Wichita | 146.8 | 149.8 | 148.8 | 2.1 | 2.2 | 2.4 | 6.9 | 7.1 | 6.2 | 47.2 | 48.4 | 50.8 |
| 32 | KENTUCKY | 863.4 | 890.1 | 880.0 | 26.3 | 26.4 | 27.6 | 38.6 | 47.1 | 47.6 | 234.1 | 237.3 | 248.1 |
| 33 | Lexington | 78.1 | 80.3 | 78.3 | (2) | (2) | (2) | 4.4 | 5.0 | 3.4 | 17.3 | 17.4 | 20.9 |
| 34 | Louisville ¹ | 317.1 | 326.9 | 320.3 | (2) | (2) | (2) | 15.4 | 17.8 | 14.8 | 105.3 | 107.3 | 121.5 |
| 35 | LOUISIANA | 1,060.4 | 1,075.4 | 1,041.4 | 52.8 | 52.7 | 52.6 | 89.2 | 89.6 | 88.6 | 177.5 | 182.6 | 176.5 |
| 36 | Baton Rouge | 100.8 | 101.7 | 102.7 | .7 | .7 | .7 | 12.2 | 12.6 | 13.9 | 17.9 | 18.1 | 18.1 |
| 37 | Lake Charles ¹ | 42.0 | 42.9 | 39.7 | 1.6 | 1.6 | 1.4 | 5.5 | 5.8 | 4.9 | 9.1 | 9.3 | 8.8 |
| 38 | Monroe | 37.9 | 38.8 | 38.5 | .3 | .4 | .4 | 3.6 | 3.7 | 4.2 | 6.5 | 6.6 | 6.8 |
| 39 | New Orleans ¹ | 376.1 | 379.2 | 358.5 | 15.1 | 15.2 | 13.4 | 21.8 | 21.9 | 22.8 | 55.1 | 55.4 | 56.2 |
| 40 | Shreveport ¹ | 93.9 | 94.8 | 90.2 | 4.0 | 4.0 | 4.3 | 6.1 | 6.3 | 5.5 | 17.2 | 17.3 | 16.6 |
| 41 | MAINE ¹ | 326.4 | 333.9 | 321.5 | (2) | (2) | (2) | 13.5 | 15.4 | 12.6 | 113.1 | 114.7 | 116.9 |
| 42 | Lewiston-Auburn ¹ | 28.4 | 29.3 | 29.2 | (2) | (2) | (2) | 1.3 | 1.4 | 1.4 | 13.2 | 13.5 | 14.4 |
| 43 | Portland ¹ | 62.3 | 64.0 | 61.8 | (2) | (2) | (2) | 2.8 | 3.1 | 2.9 | 14.2 | 14.5 | 15.3 |
| 44 | MARYLAND ^{1 4} | 1,277.5 | 1,315.1 | 1,231.4 | 1.8 | 1.8 | 1.8 | 76.9 | 82.9 | 74.0 | 274.7 | 280.8 | 276.9 |
| 45 | Baltimore | 800.1 | 823.9 | 776.8 | .3 | .3 | .3 | 38.7 | 41.8 | 37.2 | 201.8 | 206.5 | 204.4 |
| 46 | MASSACHUSETTS | 2,209.9 | 2,264.4 | 2,184.6 | (2) | (2) | (2) | 81.4 | 94.0 | 83.6 | 655.5 | 662.3 | 682.8 |
| 47 | Boston | 1,264.6 | 1,298.7 | 1,247.9 | (2) | (2) | (2) | 44.4 | 51.2 | 43.9 | 277.2 | 280.6 | 292.6 |
| 48 | Brockton | 49.1 | 50.3 | 47.8 | - | - | - | 1.5 | 1.9 | 1.5 | 16.8 | 16.8 | 16.9 |
| 49 | Fall River | 46.8 | 48.1 | 45.9 | (2) | (2) | (2) | (2) | (2) | (2) | 22.8 | 23.3 | 22.4 |
| 50 | Lawrence-Haverhill | 78.3 | 80.3 | 77.8 | (2) | (2) | (2) | 1.6 | 1.8 | 1.7 | 38.3 | 38.4 | 38.8 |
| 51 | Lowell | 50.9 | 52.6 | 50.4 | (2) | (2) | (2) | 1.6 | 1.9 | 1.6 | 20.2 | 20.2 | 20.2 |
| 52 | New Bedford | 53.9 | 56.0 | 53.8 | (2) | (2) | (2) | 1.4 | 1.8 | 1.3 | 26.7 | 27.1 | 27.1 |
| 53 | Springfield-Chicopee-Holyoke | 192.8 | 197.4 | 192.8 | (2) | (2) | (2) | 6.9 | 8.1 | 6.5 | 70.1 | 70.9 | 72.7 |
| 54 | Worcester | 129.5 | 131.8 | 128.3 | (2) | (2) | (2) | 4.5 | 5.4 | 4.3 | 47.6 | 47.8 | 48.7 |

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

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

| Transportation and public utilities | | | Wholesale and retail trade | | | Finance, insurance, and real estate | | | Services | | | Government | | | |
|-------------------------------------|-----------|-----------|----------------------------|-----------|-----------|-------------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|----|
| Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | |
| 4.1 | 4.3 | 3.9 | 14.9 | 15.8 | 14.6 | 3.2 | 3.2 | 3.0 | 9.6 | 9.8 | 9.8 | 20.1 | 20.1 | 19.7 | 1 |
| 3.3 | 3.3 | 3.1 | 13.9 | 14.4 | 13.2 | 3.9 | 3.9 | 3.6 | 8.5 | 8.6 | 8.8 | 16.7 | 16.9 | 17.4 | 2 |
| 3.5 | 3.5 | 3.4 | 14.1 | 15.8 | 14.0 | 4.0 | 4.0 | 3.6 | 8.9 | 8.9 | 8.9 | 27.9 | 28.0 | 28.2 | 3 |
| 7.1 | 6.9 | 4.7 | 15.5 | 16.1 | 14.0 | 3.2 | 3.2 | 3.1 | 9.3 | 9.3 | 9.0 | 11.9 | 12.0 | 11.7 | 4 |
| (*) | 22.6 | 21.1 | (*) | 66.5 | 61.0 | (*) | 16.4 | 16.2 | (*) | 53.4 | 49.9 | (*) | 72.5 | 69.9 | 5 |
| (*) | 18.9 | 17.8 | (*) | 57.4 | 51.9 | (*) | 15.3 | 14.8 | (*) | 44.4 | 41.4 | (*) | 63.7 | 61.9 | 6 |
| 14.0 | 14.0 | 13.8 | 46.9 | 49.7 | 45.4 | 7.8 | 7.7 | 7.5 | 30.9 | 30.6 | 30.0 | 46.7 | 46.7 | 45.1 | 7 |
| 3.2 | 3.2 | 3.1 | 10.6 | 11.3 | 10.1 | 2.7 | 2.7 | 2.6 | 6.1 | 6.1 | 5.8 | 9.2 | 8.9 | 8.7 | 8 |
| 289.8 | 293.9 | 285.6 | 941.5 | 995.5 | 924.6 | 230.8 | 230.7 | 222.9 | 675.5 | 678.9 | 655.0 | 631.0 | 643.8 | 612.3 | 9 |
| (*) | 214.5 | 205.7 | (*) | 722.4 | 664.2 | (*) | 180.1 | 175.1 | (*) | 502.3 | 484.4 | (*) | 366.9 | 345.7 | 10 |
| (*) | (*) | 218.9 | (*) | (*) | 698.6 | (*) | (*) | 180.8 | (*) | (*) | 505.4 | (*) | (*) | 366.9 | 11 |
| (*) | 7.1 | 7.1 | (*) | 31.0 | 29.2 | (*) | 5.2 | 5.1 | (*) | 19.0 | 17.8 | (*) | 21.7 | 21.8 | 12 |
| (*) | 7.4 | 7.2 | (*) | 30.5 | 28.1 | (*) | 5.1 | 5.1 | (*) | 18.8 | 18.1 | (*) | 15.2 | 14.4 | 13 |
| (*) | 3.8 | 3.4 | (*) | 21.7 | 20.6 | (*) | 3.1 | 3.0 | (*) | 13.7 | 12.8 | (*) | 9.5 | 8.5 | 14 |
| 99.7 | 100.3 | 97.5 | 362.8 | 380.0 | 352.1 | 74.6 | 74.8 | 73.1 | 203.1 | 204.0 | 197.0 | 287.4 | 294.0 | 288.1 | 15 |
| (*) | 5.2 | 5.1 | (*) | 19.8 | 18.6 | (*) | 3.2 | 3.3 | (*) | 12.2 | 11.9 | (*) | 8.0 | 8.0 | 16 |
| (*) | 8.1 | 7.6 | (*) | 27.7 | 24.6 | (*) | 6.3 | 6.0 | (*) | 15.1 | 14.5 | (*) | 11.2 | 11.1 | 17 |
| (*) | 13.2 | 13.2 | (*) | 37.3 | 34.4 | (*) | 5.8 | 5.7 | (*) | 20.8 | 21.1 | (*) | 22.0 | 21.2 | 18 |
| (*) | 28.5 | 27.1 | (*) | 98.0 | 91.5 | (*) | 28.6 | 28.3 | (*) | 51.1 | 49.4 | (*) | 65.4 | 64.3 | 19 |
| (*) | 2.3 | 2.3 | (*) | 9.2 | 8.4 | (*) | 1.4 | 1.4 | (*) | 5.2 | 4.9 | (*) | 8.8 | 8.4 | 20 |
| (*) | 4.9 | 4.7 | (*) | 21.8 | 19.9 | (*) | 4.8 | 4.8 | (*) | 15.8 | 15.6 | (*) | 10.7 | 10.5 | 21 |
| (*) | 4.2 | 4.1 | (*) | 13.4 | 12.7 | (*) | 1.8 | 1.8 | (*) | 6.3 | 6.3 | (*) | 11.0 | 10.6 | 22 |
| 50.0 | 50.6 | 49.6 | 205.1 | 215.2 | 202.6 | 41.4 | 41.3 | 39.3 | 143.4 | 143.2 | 139.8 | 172.9 | 173.6 | 166.5 | 23 |
| 3.1 | 3.1 | 3.1 | 13.3 | 14.4 | 13.0 | 3.1 | 3.2 | 3.0 | 10.1 | 10.1 | 9.9 | 7.3 | 7.2 | 6.8 | 24 |
| 9.1 | 9.2 | 8.9 | 32.3 | 33.7 | 31.9 | 14.8 | 14.9 | 13.8 | 21.6 | 21.8 | 21.0 | 18.7 | 18.2 | 17.9 | 25 |
| 1.7 | 1.7 | 1.7 | 6.7 | 6.9 | 6.4 | .9 | .9 | .9 | 6.4 | 6.4 | 6.1 | 2.7 | 2.7 | 2.3 | 26 |
| 3.2 | 3.3 | 3.3 | 11.4 | 12.0 | 11.2 | 2.0 | 2.0 | 2.0 | 7.5 | 7.6 | 7.6 | 5.3 | 5.4 | 5.3 | 27 |
| 2.4 | 2.4 | 2.5 | 9.8 | 10.2 | 9.6 | 1.5 | 1.5 | 1.5 | 7.2 | 7.3 | 7.0 | 8.0 | 8.0 | 7.3 | 28 |
| 51.1 | 51.5 | 50.8 | 156.6 | 163.4 | 153.4 | 29.9 | 29.7 | 28.8 | 100.2 | 101.2 | 99.4 | 154.3 | 153.1 | 152.7 | 29 |
| 7.2 | 7.2 | 7.5 | 13.1 | 13.7 | 12.6 | 3.9 | 3.9 | 3.6 | 9.9 | 9.9 | 9.4 | 15.2 | 14.9 | 14.7 | 30 |
| 7.7 | 7.8 | 7.7 | 32.6 | 34.2 | 33.0 | 6.5 | 6.5 | 6.6 | 24.5 | 24.4 | 23.5 | 19.5 | 19.4 | 18.8 | 31 |
| 59.0 | 59.8 | 60.5 | 181.8 | 193.5 | 176.2 | 33.5 | 33.5 | 34.1 | 122.0 | 123.7 | 118.3 | 168.1 | 168.8 | 167.6 | 32 |
| 4.3 | 4.5 | 3.8 | 14.7 | 16.0 | 15.0 | 3.7 | 3.7 | 3.4 | 12.2 | 12.1 | 10.6 | 21.5 | 21.6 | 21.2 | 33 |
| 23.0 | 23.4 | 22.5 | 70.0 | 74.1 | 65.4 | 16.8 | 16.8 | 16.1 | 46.1 | 47.0 | 43.1 | 40.5 | 40.6 | 36.9 | 34 |
| 97.8 | 97.3 | 88.6 | 227.2 | 238.3 | 227.6 | 48.1 | 47.8 | 46.8 | 149.3 | 149.6 | 147.8 | 218.5 | 217.5 | 212.9 | 35 |
| 5.3 | 5.4 | 5.1 | 21.2 | 21.5 | 21.3 | 5.2 | 5.3 | 5.3 | 13.7 | 13.7 | 13.8 | 24.7 | 24.6 | 24.5 | 36 |
| 3.2 | 3.1 | 2.7 | 8.3 | 8.8 | 8.0 | 1.5 | 1.5 | 1.5 | 5.7 | 5.7 | 5.5 | 7.1 | 7.1 | 6.9 | 37 |
| 2.4 | 2.5 | 2.3 | 10.0 | 10.5 | 9.9 | 2.4 | 2.4 | 2.3 | 5.2 | 5.2 | 5.1 | 7.5 | 7.5 | 7.5 | 38 |
| 47.3 | 46.9 | 39.0 | 89.8 | 93.0 | 85.8 | 22.7 | 22.7 | 22.1 | 68.0 | 67.8 | 64.7 | 56.4 | 56.4 | 54.6 | 39 |
| 9.6 | 9.5 | 9.2 | 23.2 | 23.9 | 22.4 | 4.7 | 4.7 | 4.5 | 13.9 | 14.0 | 13.1 | 15.2 | 15.1 | 14.6 | 40 |
| 17.1 | 17.0 | 16.7 | 64.6 | 67.6 | 60.9 | 11.9 | 11.8 | 11.3 | 40.3 | 40.6 | 38.9 | 65.9 | 66.8 | 64.2 | 41 |
| 1.0 | .9 | .9 | 6.1 | 6.5 | 5.8 | .8 | .9 | .8 | 4.0 | 4.0 | 3.9 | 2.0 | 2.1 | 2.0 | 42 |
| 5.2 | 5.1 | 5.1 | 16.8 | 17.8 | 16.4 | 5.3 | 5.3 | 4.9 | 10.6 | 10.6 | 9.9 | 7.4 | 7.6 | 7.3 | 43 |
| 80.1 | 80.4 | 73.4 | 298.3 | 318.2 | 281.7 | 66.1 | 67.1 | 62.9 | 228.5 | 231.3 | 216.5 | 251.1 | 252.6 | 244.2 | 44 |
| 56.4 | 56.6 | 50.6 | 173.1 | 185.0 | 166.8 | 42.5 | 42.9 | 40.6 | 134.0 | 136.5 | 126.6 | 153.3 | 154.3 | 150.3 | 45 |
| 116.9 | 116.8 | 111.4 | 476.3 | 504.6 | 460.1 | 128.4 | 128.0 | 121.5 | 455.8 | 457.2 | 434.6 | 295.6 | 301.5 | 290.6 | 46 |
| 74.3 | 74.3 | 70.9 | 288.8 | 307.6 | 281.8 | 92.9 | 92.8 | 88.5 | 312.3 | 314.7 | 299.6 | 174.7 | 177.5 | 170.6 | 47 |
| 3.4 | 3.4 | 3.1 | 12.0 | 12.7 | 11.7 | 1.4 | 1.4 | 1.3 | 6.3 | 6.4 | 5.7 | 7.7 | 7.7 | 7.6 | 48 |
| 1.8 | 1.7 | 1.7 | 9.2 | 9.8 | 9.1 | (2) | (2) | (2) | 8.8 | 9.1 | 8.5 | 4.2 | 4.2 | 4.2 | 49 |
| 2.4 | 2.4 | 2.3 | 14.6 | 15.9 | 14.3 | 2.3 | 2.4 | 2.3 | 9.2 | 9.4 | 8.9 | 9.9 | 10.0 | 9.5 | 50 |
| 1.9 | 2.0 | 1.9 | 10.5 | 11.4 | 10.2 | 1.4 | 1.4 | 1.4 | 8.5 | 8.8 | 8.4 | 6.8 | 6.9 | 6.7 | 51 |
| 2.7 | 2.6 | 2.5 | 9.4 | 10.4 | 9.3 | (2) | (2) | (2) | 9.1 | 9.4 | 9.1 | 4.6 | 4.7 | 4.5 | 52 |
| 8.2 | 8.3 | 8.2 | 38.7 | 41.2 | 39.0 | 9.1 | 9.1 | 9.0 | 34.0 | 34.2 | 32.7 | 25.8 | 25.6 | 24.7 | 53 |
| 6.3 | 6.5 | 6.4 | 25.6 | 26.9 | 25.0 | 7.2 | 7.0 | 6.6 | 22.1 | 22.2 | 21.6 | 16.2 | 16.0 | 15.7 | 54 |

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

| | State and area | TOTAL | | | Mining | | | Contract construction | | | Manufacturing | | |
|----|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|-----------|-----------|---------------|-----------|-----------|
| | | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 |
| 1 | MICHIGAN..... | 3,038.2 | 3,120.9 | 3,022.7 | 11.8 | 12.9 | 11.7 | 97.2 | 107.7 | 104.4 | 1,145.8 | 1,175.7 | 1,182.8 |
| 2 | Ann Arbor..... | 106.7 | 108.0 | 102.9 | (2) | (2) | (2) | 2.6 | 2.8 | 2.6 | 37.5 | 38.1 | 38.1 |
| 3 | Battle Creek..... | 58.4 | 59.9 | 58.9 | (2) | (2) | (2) | 1.8 | 2.1 | 1.7 | 26.0 | 26.5 | 27.0 |
| 4 | Bay City..... | 29.7 | 31.1 | 30.4 | (2) | (2) | (2) | 1.1 | 1.2 | 1.0 | 11.6 | 12.2 | 12.7 |
| 5 | Detroit..... | 1,515.2 | 1,562.6 | 1,526.0 | 1.1 | 1.2 | .8 | 49.3 | 54.8 | 55.9 | 590.2 | 607.9 | 612.0 |
| 6 | Flint..... | (*) | 161.5 | 163.0 | (*) | (2) | (2) | (*) | 6.8 | 6.5 | (*) | 84.1 | 90.5 |
| 7 | Grand Rapids..... | 183.0 | 189.3 | 186.3 | (2) | (2) | (2) | 7.4 | 8.0 | 8.1 | 72.9 | 75.6 | 77.5 |
| 8 | Jackson..... | 46.4 | 47.2 | 45.8 | (2) | (2) | (2) | 1.9 | 2.0 | 1.9 | 19.2 | 19.4 | 19.0 |
| 9 | Kalamazoo..... | 73.2 | 74.5 | 72.1 | (2) | (2) | (2) | 3.2 | 3.4 | 3.2 | 29.9 | 30.1 | 29.8 |
| 10 | Lansing..... | 133.9 | 137.6 | 130.8 | (2) | (2) | (2) | 5.3 | 5.5 | 5.4 | 40.9 | 41.7 | 39.3 |
| 11 | Muskegon-Muskegon Heights..... | 51.5 | 53.1 | 51.7 | (2) | (2) | (2) | 1.4 | 1.6 | 1.9 | 28.3 | 28.7 | 28.0 |
| 12 | Saginaw..... | 73.8 | 75.3 | 72.2 | (2) | (2) | (2) | 3.4 | 3.7 | 3.4 | 33.1 | 33.6 | 33.0 |
| 13 | MINNESOTA ¹ | 1,296.4 | 1,322.5 | 1,242.8 | 13.4 | 14.0 | 12.5 | 59.3 | 66.2 | 53.8 | 327.1 | 328.5 | 320.3 |
| 14 | Duluth-Superior ¹ | 55.0 | 56.4 | 53.3 | (2) | (2) | (2) | 1.9 | 2.1 | 2.2 | 10.3 | 10.2 | 10.0 |
| 15 | Minneapolis-St. Paul ¹ | 789.7 | 802.3 | 756.7 | (2) | (2) | (2) | 37.8 | 41.2 | 34.0 | 219.9 | 220.5 | 216.4 |
| 16 | MISSISSIPPI..... | 559.1 | 569.5 | 550.5 | 6.1 | 6.2 | 6.2 | 30.2 | 32.3 | 28.3 | 176.3 | 177.4 | 176.5 |
| 17 | Jackson..... | 88.0 | 89.5 | 87.1 | .8 | .8 | .8 | 5.5 | 6.0 | 5.8 | 13.5 | 13.3 | 14.0 |
| 18 | MISSOURI..... | 1,631.4 | 1,673.4 | 1,624.8 | 8.4 | 9.1 | 8.5 | 62.4 | 72.7 | 63.1 | 447.7 | 454.3 | 459.4 |
| 19 | Kansas City ¹ | 513.3 | 524.3 | 503.5 | .6 | .6 | .5 | 23.5 | 26.2 | 22.6 | 131.3 | 132.9 | 132.1 |
| 20 | St. Joseph..... | 31.8 | 32.9 | 31.1 | (3) | (3) | (3) | 1.5 | 2.0 | 1.3 | 9.9 | 10.0 | 9.8 |
| 21 | St. Louis ¹ | 899.9 | 923.6 | 897.5 | 2.3 | 2.4 | 2.2 | 37.9 | 44.6 | 37.1 | 284.4 | 289.3 | 293.1 |
| 22 | Springfield..... | 54.7 | 56.2 | 54.5 | .1 | .1 | .1 | 2.2 | 2.6 | 2.5 | 15.2 | 15.5 | 16.2 |
| 23 | MONTANA..... | 189.8 | 196.4 | 186.1 | 6.4 | 6.4 | 5.8 | 7.8 | 9.3 | 7.2 | 23.5 | 23.5 | 23.7 |
| 24 | Billings ¹ | 27.7 | 28.6 | 26.4 | (2) | (2) | (2) | 1.1 | 1.2 | 1.1 | 2.9 | 3.0 | 2.5 |
| 25 | Great Falls..... | 23.2 | 24.3 | 22.9 | (2) | (2) | (2) | 1.0 | 1.8 | 1.0 | 2.9 | 2.9 | 3.0 |
| 26 | NEBRASKA..... | 473.5 | 483.3 | 460.8 | 1.6 | 1.9 | 1.5 | 21.4 | 24.3 | 20.8 | 87.6 | 87.8 | 85.2 |
| 27 | Lincoln..... | 71.6 | 73.5 | 68.3 | - | - | - | 3.3 | 3.7 | 3.2 | 11.3 | 11.4 | 10.9 |
| 28 | Omaha..... | 201.0 | 206.0 | 195.4 | (3) | (3) | (3) | 10.3 | 12.1 | 8.9 | 40.3 | 40.3 | 38.3 |
| 29 | NEVADA..... | 189.0 | 191.5 | 177.9 | 3.9 | 3.9 | 3.7 | 10.7 | 11.0 | 9.7 | 7.9 | 7.9 | 7.4 |
| 30 | Las Vegas..... | 106.9 | 108.1 | 98.9 | .2 | .2 | .2 | 6.6 | 6.7 | 5.4 | 4.1 | 4.1 | 3.8 |
| 31 | Reno..... | 51.6 | 52.4 | 47.9 | .2 | .2 | .2 | 2.9 | 3.0 | 2.8 | 2.7 | 2.7 | 2.6 |
| 32 | NEW HAMPSHIRE..... | 250.5 | 256.0 | 247.7 | .2 | .3 | .2 | 10.4 | 12.4 | 11.0 | 96.2 | 97.1 | 99.0 |
| 33 | Manchester..... | 48.9 | 50.0 | 48.5 | (2) | (2) | (2) | 2.3 | 2.6 | 2.6 | 16.6 | 15.8 | 17.4 |
| 34 | NEW JERSEY..... | 2,523.7 | 2,579.4 | 2,477.2 | 2.8 | 3.0 | 2.8 | 97.0 | 115.0 | 102.1 | 875.9 | 886.6 | 882.0 |
| 35 | Atlantic City..... | 58.3 | 61.1 | 57.3 | - | - | - | 3.4 | 3.8 | 3.1 | 11.2 | 11.5 | 10.9 |
| 36 | Camden ⁶ | 243.7 | 247.3 | 236.6 | .1 | .1 | .1 | 12.0 | 13.5 | 11.3 | 73.9 | 73.7 | 75.3 |
| 37 | Jersey City ⁷ | 265.0 | 269.1 | 258.4 | - | - | - | 7.5 | 8.1 | 6.6 | 109.6 | 110.8 | 109.6 |
| 38 | Newark ¹ | 782.1 | 800.4 | 769.5 | .5 | .5 | .3 | 28.7 | 31.8 | 28.8 | 250.6 | 255.2 | 254.6 |
| 39 | Paterson-Clifton-Passaic ⁷ | 480.6 | 493.8 | 472.7 | .4 | .4 | .4 | 18.9 | 21.5 | 18.8 | 184.0 | 186.5 | 188.1 |
| 40 | Perth Amboy ⁷ | 259.6 | 264.5 | 246.0 | .8 | .8 | .8 | 12.2 | 13.0 | 10.7 | 109.8 | 110.2 | 108.1 |
| 41 | Trenton..... | 131.2 | 133.2 | 128.5 | (2) | (2) | (2) | 3.4 | 3.9 | 3.2 | 41.9 | 42.1 | 42.0 |
| 42 | NEW MEXICO..... | 285.7 | 291.4 | 276.9 | 17.0 | 17.2 | 17.3 | 14.6 | 15.6 | 15.8 | 21.1 | 21.0 | 19.1 |
| 43 | Albuquerque..... | 105.6 | 107.7 | 99.2 | (2) | (2) | (2) | 6.6 | 7.0 | 5.9 | 9.3 | 9.3 | 8.0 |
| 44 | NEW YORK..... | (*) | 7,226.3 | 6,973.5 | (*) | 8.4 | 7.8 | (*) | 252.1 | 227.4 | (*) | 1,846.6 | 1,859.3 |
| 45 | Albany-Schenectady-Troy ¹ | 256.0 | 263.2 | 267.5 | (2) | (2) | (2) | 11.6 | 13.7 | 10.5 | 50.3 | 50.9 | 64.0 |
| 46 | Binghamton ¹ | 103.3 | 105.6 | 103.9 | (2) | (2) | (2) | 3.5 | 4.0 | 3.9 | 44.1 | 44.2 | 45.2 |
| 47 | Buffalo ¹ | 498.2 | 514.5 | 489.7 | (2) | (2) | (2) | 16.2 | 19.1 | 16.3 | 176.4 | 179.5 | 176.7 |
| 48 | Elmira ¹ | 37.7 | 39.1 | 38.9 | (2) | (2) | (2) | 1.2 | 1.7 | 1.4 | 15.4 | 15.4 | 16.5 |
| 49 | Monroe County ^{1 8} | 303.8 | 311.8 | 300.0 | (2) | (2) | (2) | 11.7 | 13.0 | 12.4 | 134.5 | 135.8 | 134.0 |
| 50 | Nassau and Suffolk Counties ^{1 9} | 695.2 | 719.5 | 671.6 | (2) | (2) | (2) | 31.7 | 36.0 | 31.9 | 160.7 | 162.3 | 163.2 |
| 51 | New York-Northeastern New Jersey..... | (*) | 6,775.4 | 6,490.0 | (*) | 4.8 | 4.5 | (*) | 240.6 | 213.5 | (*) | 1,746.2 | 1,738.6 |
| 52 | New York SMSA ⁷ | (*) | 4,950.2 | 4,743.5 | (*) | 3.1 | 3.0 | (*) | 166.2 | 148.6 | (*) | 1,083.8 | 1,078.2 |
| 53 | New York City ⁸ | (*) | 3,859.4 | 3,723.9 | (*) | 2.5 | 2.4 | (*) | 106.0 | 99.1 | (*) | 829.0 | 822.3 |
| 54 | Rochester ¹ | 343.9 | 353.1 | 339.9 | (2) | (2) | (2) | 13.3 | 14.3 | 13.9 | 148.1 | 149.7 | 147.2 |
| 55 | Rockland County ^{1 9} | 55.8 | 57.4 | 55.2 | (2) | (2) | (2) | 2.7 | 3.5 | 2.6 | 14.4 | 14.4 | 15.6 |
| 56 | Syracuse ¹ | 220.0 | 225.9 | 219.4 | (2) | (2) | (2) | 8.9 | 10.2 | 8.9 | 61.8 | 62.3 | 67.3 |
| 57 | Utica-Rome ¹ | 110.6 | 113.2 | 113.0 | (2) | (2) | (2) | 2.5 | 2.9 | 2.7 | 39.3 | 39.9 | 43.4 |
| 58 | Westchester County ^{1 9} | 301.6 | 313.3 | 292.6 | (2) | (2) | (2) | 16.4 | 19.7 | 15.7 | 79.4 | 80.3 | 77.6 |

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

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

| Transportation and public utilities | | | Wholesale and retail trade | | | Finance, insurance, and real estate | | | Services | | | Government | | | |
|-------------------------------------|-----------|-----------|----------------------------|-----------|-----------|-------------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|----|
| Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | |
| 148.6 | 150.8 | 146.9 | 589.1 | 619.4 | 563.7 | 114.3 | 114.3 | 112.1 | 398.7 | 401.4 | 386.4 | 532.7 | 538.9 | 514.8 | 1 |
| 2.7 | 2.7 | 2.7 | 13.8 | 14.0 | 12.3 | 2.2 | 2.2 | 2.1 | 10.6 | 10.3 | 9.5 | 37.5 | 37.8 | 35.8 | 2 |
| 2.6 | 2.6 | 2.5 | 9.1 | 9.6 | 8.9 | 3.3 | 3.3 | 3.3 | 7.8 | 7.8 | 7.6 | 7.9 | 8.0 | 7.9 | 3 |
| 1.6 | 1.6 | 1.5 | 6.8 | 7.4 | 6.9 | .8 | .8 | .8 | 3.7 | 3.7 | 3.6 | 4.2 | 4.2 | 3.9 | 4 |
| 77.9 | 79.6 | 78.6 | 298.3 | 315.1 | 289.0 | 66.4 | 66.3 | 65.0 | 212.8 | 216.2 | 209.7 | 219.2 | 221.5 | 214.9 | 5 |
| (*) | 6.0 | 5.7 | (*) | 24.1 | 22.3 | (*) | 4.3 | 4.1 | (*) | 16.9 | 15.7 | (*) | 19.4 | 18.3 | 6 |
| 10.1 | 10.3 | 9.8 | 41.7 | 44.4 | 40.7 | 7.1 | 7.0 | 7.4 | 27.0 | 27.0 | 26.1 | 16.7 | 16.9 | 16.7 | 7 |
| 4.3 | 4.3 | 4.3 | 8.4 | 8.9 | 8.1 | 1.4 | 1.4 | 1.4 | 5.1 | 5.1 | 5.0 | 6.2 | 6.2 | 6.2 | 8 |
| 2.5 | 2.5 | 2.5 | 13.2 | 13.7 | 12.6 | 2.2 | 2.2 | 2.2 | 9.0 | 9.0 | 8.6 | 13.3 | 13.6 | 13.2 | 9 |
| 3.4 | 3.5 | 3.4 | 22.3 | 22.4 | 21.5 | 5.2 | 5.1 | 5.0 | 14.6 | 15.8 | 15.0 | 42.2 | 43.5 | 41.1 | 10 |
| 2.6 | 2.7 | 2.7 | 7.3 | 8.4 | 7.7 | 1.3 | 1.3 | 1.3 | 5.3 | 5.3 | 5.3 | 5.3 | 5.1 | 4.8 | 11 |
| 4.6 | 4.6 | 4.5 | 13.0 | 13.8 | 12.8 | 2.7 | 2.8 | 2.6 | 8.8 | 8.8 | 8.3 | 8.1 | 8.1 | 7.6 | 12 |
| 88.4 | 89.1 | 84.8 | 311.5 | 324.2 | 293.5 | 63.3 | 63.3 | 59.8 | 206.8 | 209.6 | 198.2 | 226.7 | 227.6 | 219.9 | 13 |
| 6.6 | 7.5 | 6.4 | 13.1 | 13.6 | 12.8 | 2.0 | 2.0 | 1.9 | 11.0 | 11.0 | 10.2 | 10.1 | 10.0 | 9.8 | 14 |
| 57.2 | 57.1 | 55.9 | 188.9 | 196.2 | 178.3 | 46.9 | 46.9 | 44.2 | 137.1 | 138.3 | 128.2 | 101.9 | 102.3 | 99.7 | 15 |
| 29.2 | 29.9 | 27.8 | 101.0 | 106.9 | 98.8 | 19.9 | 19.7 | 19.5 | 61.4 | 62.3 | 62.0 | 135.1 | 134.8 | 131.3 | 16 |
| 5.4 | 5.4 | 5.4 | 20.2 | 21.3 | 19.6 | 6.8 | 6.8 | 6.6 | 15.1 | 15.6 | 14.9 | 20.7 | 20.4 | 19.9 | 17 |
| 123.2 | 125.3 | 125.2 | 361.0 | 380.3 | 355.2 | 87.9 | 87.5 | 85.9 | 252.5 | 254.3 | 249.9 | 288.3 | 289.9 | 277.6 | 18 |
| 50.2 | 50.8 | 50.4 | 125.8 | 131.6 | 122.1 | 32.6 | 32.4 | 31.4 | 79.1 | 79.7 | 75.8 | 70.2 | 70.1 | 68.6 | 19 |
| 2.1 | 2.1 | 2.1 | 7.7 | 8.2 | 7.5 | 1.3 | 1.3 | 1.3 | 4.6 | 4.7 | 4.5 | 4.7 | 4.6 | 4.6 | 20 |
| 66.6 | 67.3 | 67.6 | 190.0 | 199.4 | 185.0 | 46.7 | 47.1 | 46.0 | 149.8 | 151.1 | 144.5 | 122.2 | 122.4 | 122.0 | 21 |
| 4.3 | 4.3 | 4.3 | 13.5 | 14.2 | 12.6 | 2.3 | 2.3 | 2.4 | 9.0 | 9.1 | 8.8 | 8.1 | 8.1 | 7.6 | 22 |
| 16.8 | 17.1 | 17.1 | 45.3 | 47.5 | 43.8 | 7.9 | 7.9 | 7.7 | 31.8 | 31.9 | 30.0 | 50.3 | 52.8 | 50.8 | 23 |
| 2.7 | 2.7 | 2.8 | 8.8 | 9.2 | 8.4 | 1.5 | 1.5 | 1.4 | 5.6 | 5.6 | 5.3 | 5.1 | 5.4 | 4.9 | 24 |
| 2.1 | 2.1 | 2.0 | 6.2 | 6.5 | 6.0 | 1.4 | 1.4 | 1.4 | 4.8 | 4.8 | 4.5 | 4.8 | 4.8 | 5.0 | 25 |
| 35.9 | 36.3 | 35.7 | 118.4 | 123.5 | 114.2 | 28.7 | 28.5 | 27.3 | 78.0 | 78.6 | 76.8 | 102.0 | 102.3 | 99.4 | 26 |
| 4.9 | 4.9 | 4.7 | 15.4 | 16.5 | 14.7 | 5.6 | 5.5 | 5.2 | 10.9 | 11.0 | 10.9 | 20.3 | 20.4 | 18.6 | 27 |
| 20.6 | 21.1 | 20.4 | 50.3 | 52.6 | 49.7 | 16.5 | 16.4 | 15.8 | 34.3 | 34.9 | 33.5 | 28.7 | 28.7 | 28.7 | 28 |
| 13.7 | 13.8 | 13.0 | 35.5 | 37.3 | 33.6 | 7.3 | 7.2 | 6.9 | 73.6 | 74.0 | 68.7 | 36.4 | 36.4 | 34.9 | 29 |
| 7.1 | 7.1 | 6.7 | 19.8 | 20.6 | 18.3 | 3.5 | 3.6 | 3.4 | 49.8 | 50.0 | 45.7 | 15.8 | 15.8 | 15.4 | 30 |
| 4.7 | 4.7 | 4.5 | 11.4 | 12.2 | 10.4 | 3.0 | 3.0 | 2.8 | 16.8 | 16.7 | 15.5 | 9.9 | 9.9 | 9.1 | 31 |
| 11.6 | 11.3 | 10.9 | 48.1 | 50.8 | 45.4 | 10.4 | 10.4 | 10.0 | 37.0 | 37.1 | 36.1 | 36.6 | 36.6 | 35.1 | 32 |
| 3.6 | 3.6 | 3.2 | 11.5 | 12.2 | 11.0 | 2.9 | 2.8 | 2.8 | 8.0 | 8.0 | 7.7 | 4.0 | 4.0 | 3.8 | 33 |
| 173.4 | 175.2 | 163.2 | 519.7 | 540.8 | 499.8 | 114.8 | 115.2 | 109.8 | 381.3 | 384.4 | 368.1 | 358.8 | 359.2 | 349.4 | 34 |
| 3.4 | 3.4 | 3.2 | 14.1 | 15.4 | 13.8 | 2.9 | 2.9 | 2.8 | 12.9 | 13.6 | 13.1 | 10.4 | 10.5 | 10.4 | 35 |
| 11.4 | 11.4 | 11.1 | 58.1 | 60.2 | 54.0 | 8.5 | 8.4 | 8.1 | 33.5 | 33.9 | 32.2 | 46.2 | 46.1 | 44.5 | 36 |
| 37.9 | 38.3 | 34.7 | 42.7 | 44.3 | 41.0 | 9.0 | 8.9 | 8.6 | 28.8 | 28.9 | 28.7 | 29.5 | 29.8 | 29.2 | 37 |
| 61.0 | 61.0 | 57.2 | 156.4 | 164.2 | 152.0 | 55.5 | 55.8 | 53.3 | 126.4 | 128.3 | 122.8 | 103.0 | 103.6 | 100.5 | 38 |
| 25.1 | 25.5 | 24.7 | 117.4 | 123.7 | 109.1 | 17.1 | 17.2 | 16.4 | 68.1 | 69.1 | 67.6 | 49.6 | 49.9 | 47.6 | 39 |
| 13.5 | 13.5 | 11.2 | 49.4 | 53.2 | 46.2 | 5.1 | 5.2 | 5.1 | 26.7 | 26.6 | 25.9 | 42.1 | 42.0 | 38.0 | 40 |
| 6.8 | 6.8 | 6.5 | 20.6 | 21.6 | 19.9 | 4.8 | 4.8 | 4.4 | 25.7 | 26.0 | 25.2 | 28.0 | 28.0 | 27.3 | 41 |
| 20.2 | 20.3 | 19.6 | 59.5 | 63.5 | 56.9 | 12.3 | 12.3 | 11.4 | 53.7 | 54.1 | 51.1 | 87.3 | 87.4 | 85.7 | 42 |
| 6.4 | 6.4 | 6.4 | 25.3 | 26.8 | 24.1 | 6.1 | 6.2 | 5.9 | 25.7 | 25.9 | 24.6 | 26.2 | 26.1 | 24.3 | 43 |
| (*) | 511.1 | 479.7 | (*) | 1,514.1 | 1,405.6 | (*) | 591.3 | 571.8 | (*) | 1,328.0 | 1,278.4 | (*) | 1,174.8 | 1,143.6 | 44 |
| 15.4 | 15.6 | 15.2 | 52.2 | 55.7 | 51.5 | 10.7 | 10.7 | 10.3 | 44.4 | 44.7 | 44.0 | 71.3 | 72.0 | 72.0 | 45 |
| 4.7 | 4.6 | 4.6 | 17.3 | 18.6 | 17.3 | 3.1 | 3.1 | 3.0 | 11.5 | 11.6 | 11.3 | 19.1 | 19.7 | 18.6 | 46 |
| 32.4 | 33.6 | 32.0 | 101.9 | 108.3 | 98.4 | 19.0 | 19.0 | 18.4 | 74.2 | 75.7 | 71.5 | 78.1 | 79.3 | 76.4 | 47 |
| 1.6 | 1.6 | 1.5 | 7.7 | 8.3 | 7.8 | 1.0 | 1.0 | 1.0 | 5.6 | 5.7 | 5.6 | 5.3 | 5.3 | 5.3 | 48 |
| 10.7 | 11.2 | 11.2 | 54.5 | 58.2 | 52.9 | 11.0 | 11.0 | 10.7 | 47.4 | 48.1 | 45.5 | 33.9 | 34.5 | 33.4 | 49 |
| 31.6 | 32.0 | 28.8 | 184.7 | 196.7 | 170.5 | 29.8 | 30.0 | 28.6 | 121.3 | 122.9 | 115.5 | 135.3 | 139.7 | 133.2 | 50 |
| (*) | 527.6 | 487.9 | (*) | 1,458.0 | 1,343.0 | (*) | 594.1 | 574.9 | (*) | 1,233.0 | 1,190.5 | (*) | 971.1 | 937.1 | 51 |
| (*) | 389.9 | 360.1 | (*) | 1,074.8 | 994.7 | (*) | 506.8 | 491.5 | (*) | 979.8 | 945.5 | (*) | 745.7 | 721.8 | 52 |
| (*) | 336.3 | 310.5 | (*) | 790.7 | 745.1 | (*) | 462.9 | 449.2 | (*) | 782.2 | 757.7 | (*) | 549.8 | 537.6 | 53 |
| 12.3 | 12.9 | 12.8 | 61.3 | 65.8 | 59.8 | 11.8 | 11.9 | 11.4 | 51.3 | 52.0 | 49.7 | 45.7 | 46.5 | 45.0 | 54 |
| 3.1 | 3.2 | 3.0 | 9.9 | 10.4 | 9.2 | 1.7 | 1.8 | 1.7 | 9.1 | 9.2 | 8.7 | 14.8 | 14.9 | 14.4 | 55 |
| 13.7 | 14.0 | 13.5 | 49.2 | 52.3 | 46.8 | 11.4 | 11.5 | 10.7 | 36.9 | 37.3 | 35.0 | 38.1 | 38.3 | 37.3 | 56 |
| 5.6 | 5.5 | 5.2 | 17.8 | 18.9 | 17.6 | 4.5 | 4.6 | 4.3 | 14.3 | 14.3 | 13.7 | 26.7 | 27.1 | 26.2 | 57 |
| 18.0 | 18.4 | 17.8 | 66.4 | 72.1 | 66.8 | 13.7 | 13.5 | 13.2 | 62.3 | 63.4 | 60.3 | 45.4 | 45.7 | 41.2 | 58 |

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

B-7: Employees on nonagricultural payrolls

(In thousands)

| | State and area | TOTAL | | | Mining | | | Contract construction | | | Manufacturing | | |
|----|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|-----------|-----------|---------------|-----------|-----------|
| | | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 |
| 1 | NORTH CAROLINA ¹ | 1,733.6 | 1,767.6 | 1,706.4 | 3.5 | 3.5 | 3.5 | 92.3 | 96.5 | 90.8 | 704.0 | 710.4 | 708.3 |
| 2 | Asheville | - | - | - | - | - | - | - | - | - | 18.3 | 18.6 | 19.3 |
| 3 | Charlotte | 173.3 | 175.7 | 170.3 | (2) | (2) | (2) | 12.4 | 12.7 | 12.4 | 40.2 | 41.0 | 41.2 |
| 4 | Greensboro-Winston-Salem-High Point | 253.8 | 258.8 | 249.2 | (2) | (2) | (2) | 12.8 | 13.2 | 12.3 | 109.9 | 111.5 | 110.9 |
| 5 | Raleigh | - | - | - | - | - | - | - | - | - | 14.1 | 14.5 | 13.7 |
| 6 | NORTH DAKOTA | (*) | 158.8 | 151.3 | (*) | 2.0 | 1.9 | (*) | 7.9 | 5.7 | (*) | 8.6 | 8.4 |
| 7 | Fargo-Moorhead | (*) | 41.7 | 38.6 | (*) | (2) | (2) | (*) | 3.0 | 2.2 | (*) | 3.1 | 2.9 |
| 8 | OHIO ¹ | 3,872.9 | 3,970.9 | 3,765.6 | 19.9 | 20.2 | 19.0 | 157.4 | 176.3 | 148.5 | 1,453.0 | 1,460.9 | 1,445.8 |
| 9 | Akron | 249.1 | 254.2 | 238.8 | .2 | .3 | .2 | 8.3 | 9.3 | 7.6 | 102.3 | 102.9 | 99.7 |
| 10 | Canton | 136.7 | 139.0 | 130.9 | .3 | .3 | .3 | 5.2 | 5.7 | 4.7 | 62.5 | 62.3 | 60.4 |
| 11 | Cincinnati | 493.9 | 503.9 | 486.3 | .4 | .4 | .4 | 19.6 | 22.5 | 19.3 | 164.0 | 162.4 | 170.1 |
| 12 | Cleveland | 860.6 | 885.0 | 841.7 | 1.6 | 1.6 | 1.7 | 34.9 | 38.3 | 33.9 | 309.3 | 313.1 | 312.1 |
| 13 | Columbus | 373.3 | 384.7 | 357.0 | .7 | .8 | .7 | 15.9 | 18.2 | 15.8 | 93.7 | 94.2 | 92.2 |
| 14 | Dayton | 336.1 | 343.0 | 324.9 | .5 | .5 | .4 | 11.6 | 13.2 | 11.6 | 134.3 | 135.1 | 132.2 |
| 15 | Toledo | 243.4 | 249.7 | 232.6 | .3 | .3 | .3 | 9.1 | 10.0 | 9.1 | 85.1 | 86.4 | 82.8 |
| 16 | Youngstown-Warren | 194.3 | 200.3 | 188.0 | .3 | .3 | .3 | 8.5 | 9.3 | 7.0 | 88.1 | 90.3 | 88.6 |
| 17 | OKLAHOMA ¹ | 760.2 | 772.7 | 737.0 | 39.3 | 39.5 | 41.3 | 34.3 | 37.1 | 33.8 | 133.2 | 133.8 | 123.9 |
| 18 | Oklahoma City | 252.1 | 255.3 | 242.0 | 6.8 | 6.8 | 6.8 | 11.8 | 12.6 | 11.6 | 36.7 | 36.3 | 32.8 |
| 19 | Tulsa | 179.7 | 182.6 | 174.2 | 13.5 | 13.5 | 13.9 | 8.1 | 8.5 | 7.9 | 45.2 | 45.5 | 42.2 |
| 20 | OREGON | 691.4 | 709.0 | 671.2 | 1.4 | 1.4 | 1.2 | 26.1 | 29.1 | 25.7 | 169.3 | 174.1 | 169.4 |
| 21 | Eugene | 65.6 | 66.9 | 65.0 | (2) | (2) | (2) | 2.6 | 2.6 | 2.6 | 17.0 | 17.8 | 18.3 |
| 22 | Portland | 377.8 | 387.3 | 363.4 | (2) | (2) | (2) | 16.2 | 18.4 | 15.4 | 88.6 | 90.2 | 86.4 |
| 23 | Salem | 51.9 | 53.0 | 50.1 | (2) | (2) | (2) | 2.3 | 2.4 | 2.2 | 8.5 | 9.2 | 8.1 |
| 24 | PENNSYLVANIA | 4,253.6 | 4,358.8 | 4,221.6 | 39.3 | 39.9 | 38.7 | 168.9 | 187.5 | 167.5 | 1,526.8 | 1,544.5 | 1,548.4 |
| 25 | Allentown-Bethlehem-Easton | 212.4 | 215.9 | 209.2 | .5 | .5 | .5 | 7.8 | 8.2 | 7.1 | 105.9 | 106.6 | 105.6 |
| 26 | Altoona | 46.9 | 48.1 | 46.0 | (2) | (2) | (2) | 1.4 | 1.5 | 1.4 | 15.3 | 15.4 | 14.9 |
| 27 | Erie | 89.6 | 92.2 | 93.5 | (2) | (2) | (2) | 4.2 | 4.7 | 3.5 | 36.4 | 36.8 | 42.7 |
| 28 | Harrisburg | 168.6 | 171.5 | 166.2 | (2) | (2) | (2) | 8.4 | 8.9 | 8.0 | 39.1 | 39.1 | 38.3 |
| 29 | Johnstown | 78.0 | 79.9 | 75.0 | 4.9 | 4.9 | 4.9 | 2.8 | 3.3 | 2.7 | 25.6 | 26.1 | 24.5 |
| 30 | Lancaster | 115.9 | 118.6 | 113.0 | (2) | (2) | (2) | 5.6 | 5.8 | 5.1 | 55.7 | 56.2 | 55.2 |
| 31 | Philadelphia | 1,758.6 | 1,807.3 | 1,747.3 | 1.2 | 1.3 | 1.2 | 75.6 | 84.8 | 73.1 | 553.9 | 559.9 | 570.8 |
| 32 | Pittsburgh | 844.0 | 868.7 | 841.1 | 9.4 | 9.4 | 9.0 | 35.9 | 39.9 | 35.4 | 285.5 | 290.2 | 285.8 |
| 33 | Reading | 122.4 | 125.3 | 120.8 | (2) | (2) | (2) | 4.3 | 4.8 | 3.8 | 59.4 | 59.7 | 59.6 |
| 34 | Scranton | 85.2 | 88.2 | 84.2 | .5 | .5 | .5 | 2.3 | 2.5 | 2.1 | 34.9 | 35.2 | 35.3 |
| 35 | Wilkes-Barre-Hazleton | 120.4 | 124.1 | 117.5 | 2.2 | 2.2 | 2.3 | 4.4 | 5.4 | 4.6 | 53.7 | 54.0 | 52.8 |
| 36 | York | 128.4 | 131.3 | 124.4 | (2) | (2) | (2) | 6.8 | 7.1 | 6.2 | 62.7 | 63.7 | 61.3 |
| 37 | RHODE ISLAND ¹ | 336.2 | 346.0 | 339.1 | (2) | (2) | (2) | 12.1 | 14.2 | 12.9 | 124.6 | 126.1 | 127.0 |
| 38 | Providence-Pawtucket-Warwick | 347.5 | 357.3 | 350.5 | (2) | (2) | (2) | 12.5 | 14.6 | 13.0 | 139.9 | 141.4 | 142.7 |
| 39 | SOUTH CAROLINA ¹ | 813.0 | 825.3 | 796.2 | 1.7 | 1.7 | 1.6 | 46.1 | 48.0 | 47.6 | 338.2 | 339.3 | 334.5 |
| 40 | Charleston | 87.7 | 89.2 | 87.1 | (2) | (2) | (2) | 5.9 | 5.9 | 6.0 | 16.1 | 16.3 | 15.7 |
| 41 | Columbia | 106.2 | 106.6 | 103.1 | (2) | (2) | (2) | 6.8 | 6.8 | 7.0 | 19.3 | 19.0 | 19.0 |
| 42 | Greenville | 123.9 | 125.3 | 119.8 | (2) | (2) | (2) | 9.6 | 9.7 | 9.0 | 55.3 | 55.4 | 55.3 |
| 43 | SOUTH DAKOTA | 168.1 | 171.8 | 163.8 | 2.2 | 2.1 | 2.2 | 5.8 | 6.7 | 5.3 | 15.9 | 15.9 | 15.6 |
| 44 | Sioux Falls | 33.5 | 33.9 | 32.9 | (2) | (2) | (2) | 1.3 | 1.8 | 1.2 | 5.9 | 6.0 | 6.1 |
| 45 | TENNESSEE | (*) | 1,326.7 | 1,284.8 | (*) | 7.5 | 7.1 | (*) | 70.6 | 63.2 | (*) | 466.0 | 460.8 |
| 46 | Chattanooga | 126.0 | 129.7 | 125.5 | .2 | .2 | .2 | 4.9 | 5.2 | 4.9 | 53.9 | 55.0 | 53.5 |
| 47 | Knoxville | 147.8 | 149.7 | 146.2 | 1.7 | 1.7 | 1.8 | 6.1 | 6.5 | 6.8 | 49.0 | 49.6 | 48.6 |
| 48 | Memphis | 270.1 | 275.9 | 265.7 | .2 | .2 | .2 | 12.9 | 14.4 | 13.6 | 59.9 | 60.7 | 61.6 |
| 49 | Nashville | 219.1 | 221.6 | 210.9 | (2) | (2) | (2) | 13.0 | 14.1 | 11.9 | 62.8 | 62.6 | 59.8 |
| 50 | TEXAS ¹ | 3,650.8 | 3,720.3 | 3,479.6 | 104.0 | 104.0 | 103.2 | 230.4 | 235.7 | 220.4 | 755.4 | 757.9 | 711.7 |
| 51 | Amarillo | - | - | - | - | - | - | - | - | - | 6.8 | 6.7 | 6.0 |
| 52 | Austin | - | - | - | - | - | - | - | - | - | 11.5 | 11.3 | 10.1 |
| 53 | Beaumont-Port Arthur-Orange | - | - | - | - | - | - | - | - | - | 37.3 | 38.1 | 22.9 |
| 54 | Corpus Christi | - | - | - | - | - | - | - | - | - | 11.4 | 11.4 | 11.0 |

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

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

for States and selected areas, by industry division--Continued

(In thousands)

| Transportation and public utilities | | | Wholesale and retail trade | | | Finance, insurance, and real estate | | | Services | | | Government | | | |
|-------------------------------------|-----------|-----------|----------------------------|-----------|-----------|-------------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|----|
| Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | |
| 90.6 | 92.0 | 86.4 | 309.4 | 328.8 | 303.0 | 68.5 | 68.2 | 64.8 | 200.3 | 202.3 | 194.4 | 265.0 | 265.9 | 255.2 | 1 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| 18.6 | 18.8 | 17.9 | 45.0 | 45.9 | 44.1 | 11.8 | 12.0 | 11.6 | 24.9 | 25.0 | 23.5 | 20.4 | 20.3 | 19.6 | 3 |
| 14.9 | 15.0 | 14.4 | 45.5 | 48.0 | 43.9 | 11.9 | 11.9 | 11.7 | 28.6 | 28.9 | 27.6 | 30.2 | 30.3 | 28.4 | 4 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 5 |
| (*) | 12.4 | 12.2 | (*) | 44.3 | 41.7 | (*) | 6.7 | 6.7 | (*) | 29.5 | 28.6 | (*) | 47.5 | 46.1 | 6 |
| (*) | 3.1 | 3.1 | (*) | 12.7 | 11.9 | (*) | 2.2 | 2.3 | (*) | 8.5 | 7.8 | (*) | 9.2 | 8.5 | 7 |
| 223.5 | 226.0 | 213.2 | 761.7 | 816.5 | 731.5 | 153.6 | 154.3 | 146.4 | 548.6 | 551.6 | 522.6 | 555.3 | 565.2 | 538.5 | 8 |
| 14.7 | 14.9 | 14.2 | 48.3 | 51.3 | 46.7 | 6.6 | 6.7 | 6.4 | 33.2 | 33.2 | 30.8 | 35.5 | 35.7 | 33.2 | 9 |
| 6.8 | 6.8 | 6.7 | 26.2 | 27.8 | 24.6 | 4.6 | 4.6 | 4.4 | 18.4 | 18.5 | 17.4 | 12.6 | 13.0 | 12.4 | 10 |
| 36.0 | 36.3 | 34.2 | 106.8 | 112.5 | 102.8 | 25.7 | 25.9 | 24.8 | 76.5 | 77.3 | 71.3 | 65.0 | 66.7 | 63.4 | 11 |
| 52.1 | 53.0 | 49.9 | 181.0 | 192.9 | 174.4 | 40.9 | 41.2 | 39.4 | 132.7 | 134.0 | 125.7 | 108.2 | 110.9 | 104.7 | 12 |
| 21.4 | 21.6 | 20.0 | 77.4 | 84.1 | 74.2 | 25.1 | 25.1 | 22.7 | 61.3 | 61.5 | 57.4 | 77.8 | 79.2 | 74.0 | 13 |
| 12.3 | 12.4 | 12.0 | 60.6 | 64.4 | 57.4 | 9.5 | 9.6 | 8.8 | 48.3 | 48.8 | 44.3 | 59.1 | 59.1 | 58.1 | 14 |
| 16.8 | 17.2 | 16.3 | 52.3 | 55.5 | 48.9 | 8.2 | 8.1 | 7.5 | 36.9 | 37.3 | 35.1 | 34.8 | 34.9 | 32.4 | 15 |
| 9.7 | 9.8 | 9.3 | 36.8 | 39.0 | 33.9 | 5.5 | 5.6 | 5.3 | 25.5 | 25.7 | 24.0 | 20.0 | 20.2 | 19.6 | 16 |
| 53.0 | 53.1 | 52.3 | 166.3 | 172.9 | 161.2 | 36.6 | 36.3 | 34.9 | 108.1 | 110.2 | 105.2 | 189.4 | 189.8 | 184.4 | 17 |
| 17.2 | 17.3 | 16.5 | 56.7 | 59.3 | 54.0 | 15.5 | 15.6 | 14.6 | 36.8 | 36.9 | 35.1 | 70.6 | 70.5 | 70.6 | 18 |
| 16.7 | 16.7 | 16.0 | 39.2 | 41.8 | 39.5 | 9.4 | 9.4 | 8.8 | 29.3 | 28.9 | 27.9 | 18.3 | 18.3 | 18.0 | 19 |
| 49.0 | 49.4 | 48.0 | 157.7 | 166.4 | 151.2 | 35.6 | 35.0 | 33.8 | 107.3 | 108.8 | 102.1 | 145.0 | 144.8 | 139.8 | 20 |
| 4.0 | 4.0 | 4.0 | 12.9 | 13.5 | 12.7 | 2.9 | 2.9 | 2.8 | 9.2 | 9.4 | 8.7 | 17.0 | 16.7 | 15.9 | 21 |
| 30.6 | 30.9 | 29.7 | 92.4 | 97.2 | 89.1 | 24.0 | 24.1 | 23.1 | 65.1 | 66.1 | 60.9 | 60.9 | 60.4 | 58.8 | 22 |
| 1.7 | 1.7 | 1.8 | 10.7 | 11.0 | 10.4 | 3.1 | 3.1 | 3.0 | 7.8 | 7.8 | 7.3 | 17.8 | 17.8 | 17.3 | 23 |
| 275.3 | 276.9 | 262.7 | 800.8 | 856.5 | 794.3 | 184.0 | 183.7 | 178.8 | 648.3 | 656.7 | 631.1 | 610.2 | 613.1 | 600.1 | 24 |
| 11.7 | 11.7 | 11.5 | 35.0 | 36.6 | 34.3 | 6.5 | 6.6 | 6.3 | 25.7 | 26.1 | 25.0 | 19.3 | 19.6 | 18.9 | 25 |
| 7.8 | 7.7 | 7.8 | 8.5 | 9.4 | 8.2 | 1.2 | 1.2 | 1.2 | 6.6 | 6.8 | 6.7 | 6.1 | 6.1 | 5.8 | 26 |
| 5.3 | 5.5 | 5.3 | 16.9 | 18.0 | 16.2 | 3.4 | 3.5 | 3.1 | 12.4 | 12.7 | 12.0 | 11.0 | 11.0 | 10.7 | 27 |
| 12.5 | 12.6 | 12.6 | 32.0 | 33.7 | 31.9 | 8.2 | 8.2 | 8.1 | 24.4 | 24.8 | 23.8 | 44.0 | 44.2 | 43.5 | 28 |
| 5.3 | 5.2 | 5.1 | 13.2 | 14.0 | 12.4 | 2.1 | 2.1 | 1.9 | 11.6 | 11.8 | 11.4 | 12.5 | 12.5 | 12.1 | 29 |
| 5.4 | 5.6 | 5.3 | 21.0 | 22.1 | 20.1 | 2.7 | 2.7 | 2.6 | 15.3 | 15.8 | 14.8 | 10.2 | 10.4 | 9.9 | 30 |
| 110.1 | 113.3 | 103.0 | 361.7 | 385.0 | 357.3 | 97.6 | 97.6 | 94.8 | 295.8 | 302.2 | 290.7 | 262.7 | 263.2 | 256.4 | 31 |
| 58.4 | 58.8 | 57.8 | 162.4 | 177.0 | 163.0 | 37.2 | 37.1 | 36.4 | 153.6 | 154.9 | 149.9 | 101.6 | 101.4 | 103.8 | 32 |
| 6.4 | 6.5 | 6.4 | 18.4 | 20.1 | 18.6 | 4.7 | 4.8 | 4.5 | 16.0 | 16.2 | 15.6 | 13.2 | 13.2 | 12.3 | 33 |
| 5.2 | 5.4 | 5.1 | 16.8 | 18.0 | 16.3 | 2.4 | 2.5 | 2.5 | 13.2 | 14.2 | 13.2 | 9.9 | 9.9 | 9.2 | 34 |
| 6.5 | 6.6 | 6.5 | 20.0 | 21.5 | 19.5 | 4.2 | 4.3 | 4.0 | 13.8 | 14.4 | 12.9 | 15.6 | 15.7 | 14.9 | 35 |
| 5.9 | 5.9 | 5.6 | 22.1 | 23.6 | 21.4 | 2.8 | 2.8 | 2.7 | 14.7 | 14.6 | 14.0 | 13.4 | 13.6 | 13.2 | 36 |
| 15.1 | 15.2 | 14.7 | 65.5 | 71.3 | 64.9 | 15.2 | 15.1 | 15.1 | 52.1 | 52.0 | 51.9 | 51.6 | 52.1 | 52.6 | 37 |
| 14.7 | 14.9 | 14.3 | 66.0 | 71.8 | 65.4 | 15.2 | 15.1 | 15.1 | 50.9 | 50.9 | 51.2 | 48.3 | 48.6 | 48.8 | 38 |
| 36.1 | 36.3 | 32.9 | 134.7 | 143.8 | 131.4 | 28.8 | 29.0 | 27.3 | 81.7 | 82.1 | 81.4 | 145.7 | 145.1 | 139.5 | 39 |
| 5.3 | 5.3 | 4.7 | 16.3 | 17.6 | 17.0 | 3.5 | 3.5 | 3.4 | 10.4 | 10.3 | 10.1 | 30.2 | 30.3 | 30.2 | 40 |
| 7.0 | 7.1 | 6.7 | 22.4 | 23.4 | 21.6 | 6.7 | 6.6 | 6.1 | 14.0 | 13.9 | 13.8 | 30.0 | 29.8 | 28.9 | 41 |
| 4.7 | 4.7 | 4.4 | 21.5 | 22.8 | 19.7 | 4.8 | 4.8 | 4.4 | 12.7 | 13.0 | 12.6 | 15.3 | 14.9 | 14.4 | 42 |
| 10.0 | 10.0 | 10.2 | 44.0 | 45.6 | 42.7 | 7.3 | 7.3 | 7.1 | 30.5 | 30.6 | 29.0 | 52.4 | 53.6 | 51.7 | 43 |
| 3.5 | 3.0 | 3.0 | 9.8 | 10.1 | 9.9 | 2.0 | 2.0 | 1.9 | 6.4 | 6.4 | 6.4 | 4.5 | 4.5 | 4.5 | 44 |
| (*) | 64.9 | 63.4 | (*) | 258.7 | 246.6 | (*) | 53.4 | 52.5 | (*) | 174.9 | 168.7 | (*) | 230.7 | 222.5 | 45 |
| 6.3 | 6.5 | 6.4 | 22.9 | 24.7 | 22.9 | 7.4 | 7.4 | 6.9 | 15.4 | 15.5 | 15.0 | 15.0 | 15.2 | 15.7 | 46 |
| 6.8 | 6.8 | 6.4 | 31.4 | 32.3 | 30.6 | 4.8 | 4.8 | 4.9 | 19.7 | 19.8 | 19.1 | 28.3 | 28.2 | 28.0 | 47 |
| 20.1 | 20.5 | 19.6 | 68.6 | 71.7 | 67.3 | 14.6 | 14.5 | 14.5 | 44.8 | 45.0 | 41.8 | 49.0 | 48.9 | 47.1 | 48 |
| 13.1 | 13.1 | 12.9 | 47.1 | 48.9 | 46.8 | 13.8 | 13.9 | 13.0 | 35.9 | 35.7 | 34.9 | 33.4 | 33.3 | 31.6 | 49 |
| 261.8 | 262.2 | 235.0 | 861.4 | 913.2 | 822.9 | 188.9 | 188.4 | 176.5 | 588.3 | 598.4 | 558.4 | 660.6 | 660.5 | 651.5 | 50 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 51 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 52 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 53 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 54 |

ESTABLISHMENT DATA STATE AND AREA EMPLOYMENT

B-7: Employees on nonagricultural payrolls

(In thousands)

| | State and area | TOTAL | | | Mining | | | Contract construction | | | Manufacturing | | |
|----|-----------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------------------|-----------|-----------|---------------|-----------|-----------|
| | | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 |
| | TEXAS (continued) | | | | | | | | | | | | |
| 1 | Dallas ¹ | 659.2 | 668.9 | 622.7 | 7.8 | 7.8 | 7.8 | 36.9 | 37.7 | 36.2 | 169.0 | 170.3 | 164.5 |
| 2 | El Paso ¹ | - | - | - | - | - | - | - | - | - | 22.2 | 22.5 | 21.6 |
| 3 | Fort Worth ¹ | 268.6 | 273.2 | 257.0 | 1.9 | 1.8 | 1.8 | 11.7 | 12.4 | 11.7 | 95.2 | 95.2 | 91.3 |
| 4 | Galveston-Texas City ¹ | - | - | - | - | - | - | - | - | - | 11.8 | 11.6 | 9.5 |
| 5 | Houston ¹ | 766.7 | 776.6 | 703.8 | 29.6 | 29.2 | 27.6 | 74.7 | 75.3 | 64.2 | 144.3 | 144.5 | 135.7 |
| 6 | Lubbock ¹ | - | - | - | - | - | - | - | - | - | 6.7 | 6.7 | 6.8 |
| 7 | San Antonio ¹ | 260.2 | 262.7 | 255.8 | 1.4 | 1.3 | 1.4 | 15.2 | 15.4 | 15.8 | 33.6 | 33.6 | 32.4 |
| 8 | Waco ¹ | - | - | - | - | - | - | - | - | - | 12.9 | 12.9 | 12.8 |
| 9 | Wichita Falls ¹ | - | - | - | - | - | - | - | - | - | 4.6 | 4.8 | 4.3 |
| 10 | UTAH | 342.9 | 354.9 | 334.4 | 12.4 | 12.5 | 12.1 | 11.0 | 12.9 | 10.8 | 52.8 | 54.4 | 51.7 |
| 11 | Salt Lake City | 180.5 | 186.7 | 176.1 | 7.5 | 7.5 | 7.3 | 6.6 | 7.5 | 6.4 | 28.7 | 29.5 | 28.8 |
| 12 | VERMONT | 145.4 | 147.3 | 138.8 | 1.0 | 1.1 | 1.0 | 8.6 | 9.7 | 7.3 | 43.1 | 43.6 | 43.0 |
| 13 | Burlington ¹⁰ | 36.4 | 37.5 | 34.9 | - | - | - | - | - | - | 10.4 | 10.5 | 10.7 |
| 14 | Springfield ¹⁰ | 13.6 | 13.7 | 13.2 | - | - | - | - | - | - | 6.7 | 6.8 | 6.5 |
| 15 | VIRGINIA ⁴ | 1,431.8 | 1,462.1 | 1,397.4 | 14.6 | 14.8 | 13.4 | 85.8 | 92.4 | 84.6 | 364.3 | 368.8 | 369.9 |
| 16 | Lynchburg ¹ | 52.0 | 52.1 | 49.2 | (2) | (2) | (2) | 2.7 | 2.7 | 2.4 | 24.6 | 24.6 | 23.2 |
| 17 | Newport News-Hampton ¹ | 95.7 | 97.6 | 94.4 | (2) | (2) | (2) | 4.6 | 5.1 | 4.8 | 26.3 | 26.4 | 27.6 |
| 18 | Norfolk-Portsmouth ¹ | 194.7 | 199.1 | 190.3 | (2) | (2) | (2) | 12.4 | 13.2 | 12.0 | 19.0 | 19.4 | 19.8 |
| 19 | Northern Virginia ^{1 11} | 250.5 | 255.5 | 241.5 | .4 | .4 | .4 | 19.6 | 20.4 | 18.5 | 9.1 | 9.2 | 9.4 |
| 20 | Richmond ¹ | 234.4 | 238.0 | 227.0 | .2 | .2 | .2 | 14.7 | 15.3 | 14.2 | 52.1 | 52.4 | 52.4 |
| 21 | Roanoke ¹ | 79.2 | 80.5 | 77.2 | .1 | .1 | .1 | 4.2 | 4.6 | 4.3 | 18.2 | 18.2 | 18.7 |
| 22 | WASHINGTON | 1,102.4 | 1,137.6 | 1,080.7 | 1.8 | 1.8 | 1.3 | 51.5 | 56.8 | 47.3 | 262.3 | 267.7 | 275.1 |
| 23 | Seattle-Everett | 552.8 | 569.7 | 551.1 | (2) | (2) | (2) | 26.9 | 29.2 | 26.1 | 151.7 | 154.3 | 167.0 |
| 24 | Spokane | 86.6 | 90.3 | 85.1 | (2) | (2) | (2) | 4.0 | 4.6 | 3.1 | 12.4 | 12.8 | 13.4 |
| 25 | Tacoma | 106.9 | 109.4 | 105.1 | (2) | (2) | (2) | 5.3 | 5.7 | 5.0 | 19.7 | 20.2 | 20.2 |
| 26 | WEST VIRGINIA ¹ | 507.6 | 519.4 | 498.0 | 47.6 | 47.0 | 45.3 | 22.2 | 26.2 | 22.0 | 128.6 | 130.3 | 128.8 |
| 27 | Charleston ¹ | 80.6 | 82.9 | 81.8 | 3.8 | 3.7 | 3.5 | 3.3 | 3.9 | 4.0 | 17.1 | 17.2 | 18.6 |
| 28 | Huntington-Ashland ¹ | 80.6 | 82.6 | 80.0 | .5 | .5 | .5 | 2.9 | 3.5 | 3.4 | 26.4 | 26.7 | 25.9 |
| 29 | Wheeling ¹ | 57.4 | 59.0 | 56.0 | 4.7 | 4.7 | 4.0 | 3.1 | 3.7 | 3.2 | 15.5 | 15.6 | 15.6 |
| 30 | WISCONSIN ¹ | 1,512.3 | 1,551.6 | 1,474.2 | 1.9 | 2.7 | 1.8 | 57.2 | 64.1 | 57.3 | 508.8 | 514.0 | 512.2 |
| 31 | Green Bay ¹ | 54.0 | 55.3 | 51.8 | (2) | (2) | (2) | 2.3 | 2.6 | 2.5 | 16.6 | 17.1 | 16.0 |
| 32 | Kenosha ¹ | 34.3 | 34.6 | 33.1 | (2) | (2) | (2) | 1.1 | 1.2 | 1.2 | 15.9 | 15.9 | 15.4 |
| 33 | La Crosse ¹ | 29.4 | 30.0 | 28.7 | (2) | (2) | (2) | 1.2 | 1.2 | 1.0 | 8.3 | 8.5 | 8.2 |
| 34 | Madison ¹ | 120.1 | 123.8 | 115.9 | (2) | (2) | (2) | 5.9 | 6.4 | 5.4 | 16.4 | 16.6 | 16.5 |
| 35 | Milwaukee ¹ | 569.8 | 582.3 | 557.9 | (2) | (2) | (2) | 20.9 | 23.2 | 21.2 | 211.1 | 211.6 | 213.0 |
| 36 | Racine ¹ | 55.7 | 56.9 | 54.5 | (2) | (2) | (2) | 1.5 | 1.7 | 1.5 | 26.1 | 26.5 | 25.8 |
| 37 | WYOMING | 102.7 | 106.3 | 98.6 | 11.3 | 12.1 | 11.2 | 4.8 | 5.3 | 4.8 | 7.4 | 7.6 | 6.6 |
| 38 | Casper | 19.7 | 20.2 | 18.5 | 4.4 | 4.5 | 3.5 | 1.0 | 1.1 | 1.0 | 1.4 | 1.3 | 1.1 |
| 39 | Cheyenne | 17.8 | 18.4 | 17.5 | (2) | (2) | (2) | .8 | .9 | .7 | 1.3 | 1.3 | 1.0 |

¹ Revised to 1969 benchmark; not strictly comparable with previously published data.

² Combined with services.

³ Combined with construction.

⁴ Federal employment in the Maryland and Virginia sectors of the Washington Standard Metropolitan Statistical Area

⁵ included in data for the District of Columbia.

⁶ Area included in Chicago-Northwestern Indiana Standard Consolidated Area.

⁷ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁸ Area included in New York-Northeastern New Jersey Standard Consolidated Area.

⁹ Subarea of Rochester Standard Metropolitan Statistical Area.

¹⁰ Subarea of New York Standard Metropolitan Statistical Area.

¹¹ Total includes data for industry divisions not shown separately. Services excludes agriculture, forestry, and fisheries.

¹² Subarea of Washington, D. C. Standard Metropolitan Statistical Area.

* Not available.

NOTE: Data for the current year are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

**ESTABLISHMENT DATA
STATE AND AREA EMPLOYMENT**

for States and selected areas, by industry division--Continued

(In thousands)

| Transportation and public utilities | | | Wholesale and retail trade | | | Finance, insurance, and real estate | | | Services | | | Government | | | |
|-------------------------------------|-----------|-----------|----------------------------|-----------|-----------|-------------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------|-----------|----|
| Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | |
| 52.7 | 52.6 | 49.3 | 172.7 | 181.7 | 161.9 | 53.9 | 53.4 | 49.0 | 97.9 | 97.6 | 90.5 | 68.2 | 67.8 | 63.6 | 1 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 2 |
| 15.3 | 15.4 | 14.9 | 62.1 | 65.7 | 58.1 | 12.0 | 12.0 | 10.8 | 36.3 | 36.7 | 35.2 | 34.1 | 34.0 | 33.2 | 3 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 4 |
| 66.0 | 65.8 | 52.6 | 186.0 | 196.5 | 175.8 | 39.6 | 39.3 | 36.7 | 138.2 | 137.7 | 128.2 | 88.3 | 88.3 | 83.0 | 5 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 6 |
| 11.1 | 11.2 | 11.1 | 63.9 | 65.9 | 61.2 | 16.1 | 16.2 | 16.0 | 44.6 | 44.5 | 43.1 | 74.3 | 74.6 | 74.8 | 7 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 8 |
| - | - | - | - | - | - | - | - | - | - | - | - | - | - | - | 9 |
| 23.0 | 23.3 | 22.5 | 75.2 | 82.2 | 73.2 | 14.6 | 14.7 | 13.6 | 54.1 | 54.9 | 51.3 | 99.8 | 99.9 | 99.1 | 10 |
| 15.2 | 15.3 | 14.8 | 47.8 | 51.3 | 46.4 | 10.4 | 10.3 | 10.3 | 29.3 | 29.7 | 27.9 | 35.0 | 35.6 | 34.1 | 11 |
| 7.8 | 7.9 | 7.5 | 27.0 | 28.2 | 25.3 | 5.3 | 5.3 | 5.1 | 27.2 | 26.4 | 25.9 | 25.5 | 25.3 | 23.9 | 12 |
| 1.8 | 1.9 | 1.7 | 7.3 | 7.8 | 7.1 | - | - | - | 6.6 | 6.7 | 6.3 | - | - | - | 13 |
| .9 | .9 | .9 | 1.8 | 1.9 | 1.8 | - | - | - | 1.9 | 1.6 | 1.8 | - | - | - | 14 |
| 96.1 | 96.5 | 90.7 | 300.7 | 318.2 | 284.6 | 67.0 | 67.0 | 62.2 | 205.0 | 207.4 | 199.5 | 298.3 | 297.0 | 292.5 | 15 |
| 2.4 | 2.4 | 2.2 | 8.6 | 8.8 | 8.0 | 1.9 | 1.9 | 1.9 | 6.2 | 6.2 | 6.1 | 5.6 | 5.5 | 5.4 | 16 |
| 4.1 | 4.1 | 3.6 | 16.8 | 18.0 | 15.1 | 2.9 | 2.9 | 2.8 | 12.2 | 12.3 | 11.5 | 28.8 | 28.8 | 29.0 | 17 |
| 16.3 | 16.3 | 13.7 | 47.5 | 50.4 | 45.6 | 9.2 | 9.2 | 8.8 | 29.4 | 29.4 | 28.0 | 60.9 | 61.2 | 62.4 | 18 |
| 19.7 | 19.8 | 18.4 | 59.9 | 63.7 | 56.1 | 15.1 | 15.0 | 13.7 | 44.3 | 44.6 | 42.8 | 82.4 | 82.4 | 82.2 | 19 |
| 17.9 | 17.9 | 17.3 | 53.8 | 56.5 | 51.0 | 17.8 | 18.0 | 16.9 | 34.3 | 34.2 | 33.2 | 43.6 | 43.5 | 41.8 | 20 |
| 10.9 | 10.9 | 10.5 | 19.0 | 19.9 | 17.9 | 4.2 | 4.2 | 3.9 | 12.5 | 12.5 | 12.2 | 10.1 | 10.1 | 9.6 | 21 |
| 73.9 | 73.6 | 71.8 | 243.1 | 262.4 | 233.3 | 58.2 | 58.8 | 56.0 | 168.3 | 170.7 | 159.9 | 243.3 | 245.8 | 236.0 | 22 |
| 39.8 | 40.2 | 39.3 | 123.8 | 132.7 | 118.4 | 35.9 | 36.3 | 34.2 | 83.5 | 84.6 | 78.2 | 91.2 | 92.4 | 87.9 | 23 |
| 7.3 | 7.5 | 7.4 | 22.5 | 24.4 | 22.2 | 5.2 | 5.2 | 4.9 | 17.8 | 18.1 | 17.1 | 17.4 | 17.7 | 17.0 | 24 |
| 6.6 | 6.6 | 6.8 | 24.1 | 25.7 | 23.0 | 6.1 | 6.1 | 5.8 | 18.5 | 18.6 | 17.8 | 26.6 | 26.5 | 26.5 | 25 |
| 41.1 | 41.2 | 40.4 | 92.7 | 99.1 | 90.0 | 15.1 | 15.1 | 14.8 | 63.6 | 63.7 | 61.6 | 96.7 | 96.9 | 95.0 | 26 |
| 8.9 | 8.8 | 8.6 | 18.5 | 20.2 | 18.3 | 3.9 | 3.8 | 3.7 | 11.3 | 11.4 | 11.5 | 13.8 | 13.8 | 13.6 | 27 |
| 8.0 | 8.0 | 7.9 | 17.7 | 18.8 | 17.5 | 2.8 | 2.8 | 2.8 | 9.9 | 10.0 | 9.8 | 12.3 | 12.4 | 12.1 | 28 |
| 3.6 | 3.7 | 3.5 | 12.5 | 13.5 | 12.0 | 2.1 | 2.1 | 2.0 | 8.9 | 8.8 | 8.9 | 6.9 | 6.9 | 6.6 | 29 |
| 79.5 | 81.0 | 76.5 | 326.1 | 347.9 | 307.8 | 60.2 | 59.9 | 57.1 | 216.5 | 219.0 | 208.6 | 262.0 | 263.1 | 252.9 | 30 |
| 4.4 | 4.4 | 4.3 | 14.0 | 14.7 | 13.1 | 1.4 | 1.4 | 1.3 | 8.1 | 8.1 | 7.8 | 7.1 | 7.0 | 6.8 | 31 |
| 1.3 | 1.3 | 1.3 | 5.9 | 6.4 | 5.7 | .7 | .7 | .6 | 4.8 | 4.8 | 4.6 | 4.5 | 4.3 | 4.2 | 32 |
| 2.2 | 2.2 | 2.2 | 7.1 | 7.4 | 6.8 | .6 | .6 | .6 | 5.4 | 5.5 | 5.3 | 4.6 | 4.6 | 4.6 | 33 |
| 5.5 | 5.5 | 5.0 | 23.7 | 26.2 | 22.5 | 6.3 | 6.3 | 6.0 | 16.8 | 17.1 | 15.8 | 45.5 | 45.6 | 44.7 | 34 |
| 30.7 | 31.4 | 29.5 | 123.4 | 130.8 | 116.4 | 28.3 | 28.4 | 27.1 | 83.6 | 84.7 | 81.3 | 71.9 | 72.3 | 69.5 | 35 |
| 2.2 | 2.2 | 2.1 | 9.6 | 10.0 | 9.2 | 1.4 | 1.5 | 1.4 | 7.6 | 7.7 | 7.4 | 7.2 | 7.3 | 7.0 | 36 |
| 10.5 | 11.0 | 10.3 | 23.2 | 24.6 | 21.3 | 3.6 | 3.6 | 3.6 | 14.0 | 14.2 | 13.0 | 27.9 | 27.9 | 27.8 | 37 |
| 1.4 | 1.5 | 1.5 | 4.6 | 4.8 | 4.5 | .9 | .9 | .7 | 2.4 | 2.5 | 2.4 | 3.6 | 3.6 | 3.8 | 38 |
| 2.3 | 2.4 | 2.4 | 3.8 | 4.1 | 3.8 | 1.0 | 1.0 | 1.0 | 3.1 | 3.2 | 3.0 | 5.5 | 5.5 | 5.6 | 39 |

ESTABLISHMENT DATA HISTORICAL HOURS AND EARNINGS

**C-1: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, 1947 to date**

| Year and month | Average weekly earnings | Average weekly hours | Average hourly earnings | Average weekly earnings | Average weekly hours | Average hourly earnings | Average weekly earnings | Average weekly hours | Average hourly earnings | Average weekly earnings | Average weekly hours | Average hourly earnings |
|---------------------|----------------------------|----------------------|-------------------------|-------------------------|----------------------|-------------------------|----------------------------|----------------------|-------------------------|-------------------------------------|----------------------|-------------------------|
| | Total private ¹ | | | Manufacturing | | | Durable goods | | | Nondurable goods | | |
| 1947..... | \$45.58 | 40.3 | \$1.131 | \$49.17 | 40.4 | \$1.217 | \$51.76 | 40.5 | \$1.278 | \$46.03 | 40.2 | \$1.145 |
| 1948..... | 49.00 | 40.0 | 1.225 | 53.12 | 40.0 | 1.328 | 56.36 | 40.4 | 1.395 | 49.50 | 39.6 | 1.250 |
| 1949..... | 50.24 | 39.4 | 1.275 | 53.88 | 39.1 | 1.378 | 57.25 | 39.4 | 1.453 | 50.38 | 38.9 | 1.295 |
| 1950..... | 53.13 | 39.8 | 1.335 | 58.32 | 40.5 | 1.440 | 62.43 | 41.1 | 1.519 | 53.48 | 39.7 | 1.347 |
| 1951..... | 57.86 | 39.9 | 1.45 | 63.34 | 40.6 | 1.56 | 68.48 | 41.5 | 1.65 | 56.88 | 39.5 | 1.44 |
| 1952..... | 60.65 | 39.9 | 1.52 | 67.16 | 40.7 | 1.65 | 72.63 | 41.5 | 1.75 | 59.95 | 39.7 | 1.51 |
| 1953..... | 63.76 | 39.6 | 1.61 | 70.47 | 40.5 | 1.74 | 76.63 | 41.2 | 1.86 | 62.57 | 39.6 | 1.58 |
| 1954..... | 64.52 | 39.1 | 1.65 | 70.49 | 39.6 | 1.78 | 76.19 | 40.1 | 1.90 | 63.18 | 39.0 | 1.62 |
| 1955..... | 67.72 | 39.6 | 1.71 | 75.70 | 40.7 | 1.86 | 82.19 | 41.3 | 1.99 | 66.63 | 39.9 | 1.67 |
| 1956..... | 70.74 | 39.3 | 1.80 | 78.78 | 40.4 | 1.95 | 85.28 | 41.0 | 2.08 | 70.09 | 39.6 | 1.77 |
| 1957..... | 73.33 | 38.8 | 1.89 | 81.59 | 39.8 | 2.05 | 88.26 | 40.3 | 2.19 | 72.52 | 39.2 | 1.85 |
| 1958..... | 75.08 | 38.5 | 1.95 | 82.71 | 39.2 | 2.11 | 89.27 | 39.5 | 2.26 | 74.11 | 38.8 | 1.91 |
| 1959..... | 78.78 | 39.0 | 2.02 | 88.26 | 40.3 | 2.19 | 96.05 | 40.7 | 2.36 | 78.61 | 39.7 | 1.98 |
| 1960..... | 80.67 | 38.6 | 2.09 | 89.72 | 39.7 | 2.26 | 97.44 | 40.1 | 2.43 | 80.36 | 39.2 | 2.05 |
| 1961..... | 82.60 | 38.6 | 2.14 | 92.34 | 39.8 | 2.32 | 100.35 | 40.3 | 2.49 | 82.92 | 39.3 | 2.11 |
| 1962..... | 85.91 | 38.7 | 2.22 | 96.56 | 40.4 | 2.39 | 104.70 | 40.9 | 2.56 | 85.93 | 39.6 | 2.17 |
| 1963..... | 88.46 | 38.8 | 2.28 | 99.63 | 40.5 | 2.46 | 108.09 | 41.1 | 2.63 | 87.91 | 39.6 | 2.22 |
| 1964..... | 91.33 | 38.7 | 2.36 | 102.97 | 40.7 | 2.53 | 112.19 | 41.4 | 2.71 | 90.91 | 39.7 | 2.29 |
| 1965..... | 95.06 | 38.8 | 2.45 | 107.53 | 41.2 | 2.61 | 117.18 | 42.0 | 2.79 | 94.64 | 40.1 | 2.36 |
| 1966..... | 98.82 | 38.6 | 2.56 | 112.34 | 41.3 | 2.72 | 122.09 | 42.1 | 2.90 | 98.49 | 40.2 | 2.45 |
| 1967..... | 101.84 | 38.0 | 2.68 | 114.90 | 40.6 | 2.83 | 123.60 | 41.2 | 3.00 | 102.03 | 39.7 | 2.57 |
| 1968..... | 107.73 | 37.8 | 2.85 | 122.51 | 40.7 | 3.01 | 132.07 | 41.4 | 3.19 | 109.05 | 39.8 | 2.74 |
| 1969..... | 114.61 | 37.7 | 3.04 | 129.51 | 40.6 | 3.19 | 139.59 | 41.3 | 3.38 | 115.53 | 39.7 | 2.91 |
| 1969: February..... | 110.11 | 37.2 | 2.96 | 124.80 | 40.0 | 3.12 | 135.05 | 40.8 | 3.31 | 110.48 | 38.9 | 2.84 |
| March..... | 111.67 | 37.6 | 2.97 | 127.39 | 40.7 | 3.13 | 137.45 | 41.4 | 3.32 | 113.15 | 39.7 | 2.85 |
| April..... | 111.75 | 37.5 | 2.98 | 127.58 | 40.5 | 3.15 | 137.20 | 41.2 | 3.33 | 113.08 | 39.4 | 2.87 |
| May..... | 113.48 | 37.7 | 3.01 | 128.61 | 40.7 | 3.16 | 138.69 | 41.4 | 3.35 | 114.34 | 39.7 | 2.88 |
| June..... | 115.14 | 38.0 | 3.03 | 129.65 | 40.9 | 3.17 | 139.44 | 41.5 | 3.36 | 115.31 | 39.9 | 2.89 |
| July..... | 115.82 | 38.1 | 3.04 | 129.20 | 40.5 | 3.19 | 137.83 | 40.9 | 3.37 | 116.22 | 39.8 | 2.92 |
| August..... | 116.51 | 38.2 | 3.05 | 129.51 | 40.6 | 3.19 | 139.33 | 41.1 | 3.39 | 116.51 | 39.9 | 2.92 |
| September..... | 117.80 | 38.0 | 3.10 | 132.84 | 41.0 | 3.24 | 143.45 | 41.7 | 3.44 | 118.00 | 40.0 | 2.95 |
| October..... | 117.25 | 37.7 | 3.11 | 131.87 | 40.7 | 3.24 | 142.42 | 41.4 | 3.44 | 117.51 | 39.7 | 2.96 |
| November..... | 117.00 | 37.5 | 3.12 | 132.36 | 40.6 | 3.26 | 142.14 | 41.2 | 3.45 | 118.22 | 39.8 | 2.97 |
| December..... | 117.25 | 37.7 | 3.11 | 134.89 | 41.0 | 3.29 | 145.53 | 41.7 | 3.49 | 119.60 | 40.0 | 2.99 |
| 1970: January..... | 116.12 | 37.1 | 3.13 | 131.93 | 40.1 | 3.29 | 141.69 | 40.6 | 3.49 | 118.29 | 39.3 | 3.01 |
| February..... | 117.18 | 37.2 | 3.15 | 130.54 | 39.8 | 3.28 | 140.19 | 40.4 | 3.47 | 117.39 | 39.0 | 3.01 |
| Year and month | Mining | | | Contract construction | | | Wholesale and retail trade | | | Finance, insurance, and real estate | | |
| 1947..... | \$59.94 | 40.8 | \$1.469 | \$58.87 | 38.2 | \$1.541 | \$38.07 | 40.5 | \$0.940 | \$43.21 | 37.9 | \$1.140 |
| 1948..... | 65.56 | 39.4 | 1.664 | 65.27 | 38.1 | 1.713 | 40.80 | 40.4 | 1.010 | 45.48 | 37.9 | 1.200 |
| 1949..... | 62.33 | 36.3 | 1.717 | 67.56 | 37.7 | 1.792 | 42.93 | 40.5 | 1.060 | 47.63 | 37.8 | 1.260 |
| 1950..... | 67.16 | 37.9 | 1.772 | 69.68 | 37.4 | 1.863 | 44.55 | 40.5 | 1.100 | 50.52 | 37.7 | 1.340 |
| 1951..... | 74.11 | 38.4 | 1.93 | 76.96 | 38.1 | 2.02 | 47.79 | 40.5 | 1.18 | 54.67 | 37.7 | 1.45 |
| 1952..... | 77.59 | 38.6 | 2.01 | 82.86 | 38.9 | 2.13 | 49.20 | 40.0 | 1.23 | 57.08 | 37.8 | 1.51 |
| 1953..... | 83.03 | 38.8 | 2.14 | 86.41 | 37.9 | 2.28 | 51.35 | 39.5 | 1.30 | 59.57 | 37.7 | 1.58 |
| 1954..... | 82.60 | 38.6 | 2.14 | 88.91 | 37.2 | 2.39 | 53.33 | 39.5 | 1.35 | 62.04 | 37.6 | 1.65 |
| 1955..... | 89.54 | 40.7 | 2.20 | 90.90 | 37.1 | 2.45 | 55.16 | 39.4 | 1.40 | 63.92 | 37.6 | 1.70 |
| 1956..... | 95.06 | 40.8 | 2.33 | 96.38 | 37.5 | 2.57 | 57.48 | 39.1 | 1.47 | 65.68 | 36.9 | 1.78 |
| 1957..... | 98.65 | 40.1 | 2.46 | 100.27 | 37.0 | 2.71 | 59.60 | 38.7 | 1.54 | 67.53 | 36.7 | 1.84 |
| 1958..... | 96.08 | 38.9 | 2.47 | 103.78 | 36.8 | 2.82 | 61.76 | 38.6 | 1.60 | 70.12 | 37.1 | 1.89 |
| 1959..... | 103.68 | 40.5 | 2.56 | 108.41 | 37.0 | 2.93 | 64.41 | 38.8 | 1.66 | 72.74 | 37.3 | 1.95 |
| 1960..... | 105.44 | 40.4 | 2.61 | 113.04 | 36.7 | 3.08 | 66.01 | 38.6 | 1.71 | 75.14 | 37.2 | 2.02 |
| 1961..... | 106.92 | 40.5 | 2.64 | 118.08 | 36.9 | 3.20 | 67.41 | 38.3 | 1.76 | 77.12 | 36.9 | 2.09 |
| 1962..... | 110.43 | 40.9 | 2.70 | 122.47 | 37.0 | 3.31 | 69.91 | 38.2 | 1.83 | 80.94 | 37.3 | 2.17 |
| 1963..... | 114.40 | 41.6 | 2.75 | 127.19 | 37.3 | 3.41 | 72.01 | 38.1 | 1.89 | 84.38 | 37.5 | 2.25 |
| 1964..... | 117.74 | 41.9 | 2.81 | 132.06 | 37.2 | 3.55 | 74.28 | 37.9 | 1.96 | 85.79 | 37.3 | 2.30 |
| 1965..... | 123.52 | 42.3 | 2.92 | 138.38 | 37.4 | 3.70 | 76.53 | 37.7 | 2.03 | 88.91 | 37.2 | 2.39 |
| 1966..... | 130.24 | 42.7 | 3.05 | 146.26 | 37.6 | 3.89 | 79.02 | 37.1 | 2.13 | 92.13 | 37.3 | 2.47 |
| 1967..... | 135.89 | 42.6 | 3.19 | 154.95 | 37.7 | 4.11 | 81.76 | 36.5 | 2.24 | 95.46 | 37.0 | 2.58 |
| 1968..... | 143.05 | 42.7 | 3.35 | 164.56 | 37.4 | 4.40 | 86.40 | 36.0 | 2.40 | 101.75 | 37.0 | 2.75 |
| 1969..... | 154.73 | 43.1 | 3.59 | 181.64 | 38.0 | 4.78 | 91.14 | 35.6 | 2.56 | 108.33 | 37.1 | 2.92 |
| 1969: February..... | 149.60 | 42.5 | 3.52 | 166.90 | 36.6 | 4.56 | 88.60 | 35.3 | 2.51 | 107.59 | 37.1 | 2.90 |
| March..... | 148.54 | 42.2 | 3.52 | 171.86 | 37.2 | 4.62 | 88.85 | 35.4 | 2.51 | 107.22 | 37.1 | 2.89 |
| April..... | 154.78 | 43.6 | 3.55 | 174.46 | 37.6 | 4.64 | 88.96 | 35.3 | 2.52 | 106.85 | 37.1 | 2.88 |
| May..... | 155.30 | 43.5 | 3.57 | 179.92 | 38.2 | 4.71 | 89.92 | 35.4 | 2.54 | 107.30 | 37.0 | 2.90 |
| June..... | 150.88 | 42.5 | 3.55 | 181.34 | 38.5 | 4.71 | 91.55 | 35.9 | 2.55 | 108.70 | 37.1 | 2.93 |
| July..... | 154.30 | 43.1 | 3.58 | 183.91 | 38.8 | 4.74 | 93.08 | 36.5 | 2.55 | 107.96 | 37.1 | 2.91 |
| August..... | 156.88 | 43.7 | 3.59 | 187.77 | 39.2 | 4.79 | 93.70 | 36.6 | 2.56 | 108.04 | 37.0 | 2.92 |
| September..... | 157.91 | 43.5 | 3.63 | 192.96 | 39.3 | 4.91 | 92.46 | 35.7 | 2.59 | 108.41 | 37.0 | 2.93 |
| October..... | 159.71 | 43.4 | 3.68 | 190.08 | 38.4 | 4.95 | 92.13 | 35.3 | 2.61 | 109.07 | 37.1 | 2.94 |
| November..... | 160.58 | 43.4 | 3.70 | 184.02 | 37.1 | 4.96 | 92.58 | 35.2 | 2.63 | 110.86 | 37.2 | 2.98 |
| December..... | 160.58 | 43.4 | 3.70 | 189.25 | 37.7 | 5.02 | 92.92 | 35.6 | 2.61 | 110.26 | 37.0 | 2.98 |
| 1970: January..... | 157.78 | 42.3 | 3.73 | 179.78 | 35.6 | 5.05 | 93.37 | 35.1 | 2.66 | 111.37 | 37.0 | 3.01 |
| February..... | 162.26 | 42.7 | 3.80 | 184.23 | 36.7 | 5.02 | 94.07 | 35.1 | 2.68 | 112.41 | 37.1 | 3.03 |

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

NOTE: Data include Alaska and Hawaii beginning 1959. Data for the 2 most recent months are preliminary.

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry

| SIC Code | Industry | Average weekly earnings | | | | | Average hourly earnings | | | | |
|--------------------|--|-------------------------|-----------|-----------|-----------|-----------|-------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| | TOTAL PRIVATE | \$117.18 | \$116.12 | \$117.25 | \$110.25 | \$114.61 | \$3.15 | \$3.13 | \$3.11 | \$2.94 | \$3.04 |
| | MINING | 162.26 | 157.78 | 160.58 | 150.15 | 154.73 | 3.80 | 3.73 | 3.70 | 3.50 | 3.59 |
| 10 | METAL MINING | - | 160.45 | 161.88 | 150.85 | 157.61 | - | 3.74 | 3.73 | 3.50 | 3.64 |
| 101 | Iron ores | - | 158.15 | 154.22 | 144.44 | 153.18 | - | 3.82 | 3.78 | 3.62 | 3.70 |
| 102 | Copper ores | - | 168.67 | 173.25 | 161.93 | 169.00 | - | 3.74 | 3.75 | 3.46 | 3.65 |
| 11,12 | COAL MINING | - | 177.86 | 179.20 | 168.91 | 165.95 | - | 4.37 | 4.36 | 4.07 | 4.17 |
| 12 | Bituminous coal and lignite mining | - | 180.74 | 182.13 | 171.39 | 168.46 | - | 4.43 | 4.41 | 4.12 | 4.21 |
| 13 | OIL AND GAS EXTRACTION | - | 152.85 | 152.93 | 145.39 | 149.80 | - | 3.53 | 3.46 | 3.35 | 3.42 |
| 131,2 | Crude petroleum and natural gas fields | - | 156.04 | 147.70 | 144.14 | 147.19 | - | 3.76 | 3.62 | 3.49 | 3.59 |
| 138 | Oil and gas field services | - | 150.86 | 156.03 | 146.50 | 151.72 | - | 3.39 | 3.37 | 3.27 | 3.32 |
| 14 | NONMETALLIC MINERALS, EXCEPT FUELS | - | 139.53 | 150.08 | 133.49 | 149.44 | - | 3.33 | 3.35 | 3.09 | 3.27 |
| 142 | Crushed and broken stone | - | 134.72 | 148.53 | 127.15 | 150.87 | - | 3.20 | 3.25 | 2.95 | 3.21 |
| | CONTRACT CONSTRUCTION | 184.23 | 179.78 | 189.25 | 168.09 | 181.64 | 5.02 | 5.05 | 5.02 | 4.58 | 4.78 |
| 15 | GENERAL BUILDING CONTRACTORS | - | 166.50 | 176.05 | 159.48 | 168.36 | - | 4.84 | 4.81 | 4.43 | 4.60 |
| 16 | HEAVY CONSTRUCTION CONTRACTORS | - | 176.40 | 186.99 | 162.78 | 187.35 | - | 4.57 | 4.64 | 4.09 | 4.45 |
| 161 | Highway and street construction | - | 149.85 | 161.12 | 143.89 | 176.40 | - | 4.05 | 4.24 | 3.68 | 4.20 |
| 162 | Heavy construction, n.e.c. | - | 191.18 | 204.89 | 174.10 | 196.23 | - | 4.84 | 4.89 | 4.32 | 4.65 |
| 17 | SPECIAL TRADE CONTRACTORS | - | 188.67 | 197.53 | 174.83 | 186.85 | - | 5.36 | 5.31 | 4.87 | 5.05 |
| 171 | Plumbing, heating, air conditioning | - | 210.05 | 212.01 | 190.96 | 200.08 | - | 5.47 | 5.45 | 4.96 | 5.17 |
| 172 | Painting, paper hanging, decorating | - | 172.34 | 176.85 | 158.57 | 170.17 | - | 5.01 | 5.01 | 4.65 | 4.78 |
| 173 | Electrical work | - | 229.91 | 235.48 | 209.58 | 222.40 | - | 5.85 | 5.80 | 5.36 | 5.56 |
| 174 | Masonry, stonework, and plastering | - | 151.55 | 176.30 | 151.02 | 167.92 | - | 5.19 | 5.14 | 4.69 | 4.91 |
| 176 | Roofing and sheetmetal work | - | 143.58 | 162.04 | 136.83 | 153.32 | - | 4.77 | 4.78 | 4.21 | 4.47 |
| - | MANUFACTURING | 130.54 | 131.93 | 134.89 | 126.05 | 129.51 | 3.28 | 3.29 | 3.29 | 3.12 | 3.19 |
| 19,24,25, 32-39 | DURABLE GOODS | 140.19 | 141.69 | 145.53 | 136.04 | 139.59 | 3.47 | 3.49 | 3.49 | 3.31 | 3.38 |
| 20-23,26-31 | NONDURABLE GOODS | 117.39 | 118.29 | 119.60 | 111.50 | 115.53 | 3.01 | 3.01 | 2.99 | 2.83 | 2.91 |
| | <i>Durable Goods</i> | | | | | | | | | | |
| 19 | ORDNANCE AND ACCESSORIES | 145.96 | 146.32 | 145.14 | 135.74 | 139.32 | 3.56 | 3.56 | 3.54 | 3.36 | 3.44 |
| 192 | Ammunition, except for small arms | 140.19 | 141.64 | 141.29 | 131.80 | 135.66 | 3.47 | 3.48 | 3.48 | 3.32 | 3.40 |
| 1925 | Complete guided missiles | - | 175.10 | 175.07 | 163.35 | 167.98 | - | 4.12 | 4.10 | 3.88 | 3.99 |
| 1929 | Ammunition, exc. for small arms, nec | - | 122.67 | 122.53 | 114.43 | 118.34 | - | 3.09 | 3.11 | 2.98 | 3.05 |
| 24 | LUMBER AND WOOD PRODUCTS | 110.76 | 109.87 | 113.36 | 102.56 | 109.75 | 2.79 | 2.81 | 2.82 | 2.59 | 2.73 |
| 242 | Sawmills and planing mills | (*) | 105.49 | 109.47 | 100.15 | 105.32 | (*) | 2.74 | 2.73 | 2.51 | 2.62 |
| 2421 | Sawmills and planing mills, general | - | 108.77 | 112.80 | 103.08 | 108.67 | - | 2.84 | 2.82 | 2.59 | 2.71 |
| 243 | Millwork, plywood & related products | 120.90 | 119.00 | 122.40 | 113.40 | 117.33 | 3.00 | 2.99 | 3.00 | 2.80 | 2.89 |
| 2431 | Millwork | - | 117.00 | 120.30 | 109.76 | 113.47 | - | 3.00 | 3.00 | 2.80 | 2.88 |
| 2432 | Veneer and plywood | - | 120.77 | 124.15 | 115.51 | 119.39 | - | 2.96 | 2.97 | 2.77 | 2.87 |
| 244 | Wooden containers | (*) | 90.56 | 93.20 | 87.52 | 90.97 | (*) | 2.34 | 2.33 | 2.21 | 2.28 |
| 2441,2 | Wooden boxes, shooks, and crates | - | 87.69 | 91.71 | 84.35 | 89.02 | - | 2.26 | 2.27 | 2.13 | 2.22 |
| 249 | Miscellaneous wood products | 101.71 | 99.40 | 101.66 | 93.20 | 99.14 | 2.53 | 2.51 | 2.51 | 2.33 | 2.43 |
| 25 | FURNITURE AND FIXTURES | 104.22 | 105.03 | 110.16 | 101.60 | 105.85 | 2.70 | 2.70 | 2.70 | 2.54 | 2.62 |
| 251 | Household furniture | 98.05 | 98.18 | 103.53 | 96.40 | 99.70 | 2.56 | 2.55 | 2.55 | 2.41 | 2.48 |
| 2511 | Wood household furniture | - | 93.60 | 98.88 | 92.62 | 95.30 | - | 2.40 | 2.40 | 2.27 | 2.33 |
| 2512 | Upholstered household furniture | - | 103.02 | 111.38 | 101.79 | 105.20 | - | 2.74 | 2.75 | 2.59 | 2.67 |
| 2515 | Mattresses and bedspreads | - | 106.02 | 106.98 | 104.40 | 105.69 | - | 2.79 | 2.75 | 2.67 | 2.71 |
| 252 | Office furniture | - | 125.36 | 127.49 | 116.97 | 124.32 | - | 3.05 | 3.05 | 2.86 | 2.96 |
| 254 | Partitions and fixtures | - | 128.38 | 135.55 | 122.58 | 130.97 | - | 3.25 | 3.29 | 3.08 | 3.21 |
| 253,9 | Other furniture and fixtures | (*) | 114.55 | 117.74 | 106.13 | 111.88 | (*) | 2.90 | 2.90 | 2.68 | 2.79 |
| 32 | STONE, CLAY, AND GLASS PRODUCTS | 135.46 | 133.09 | 137.76 | 125.36 | 133.56 | 3.28 | 3.27 | 3.28 | 3.05 | 3.18 |
| 321 | Flat glass | - | 178.05 | 181.01 | 163.46 | 173.40 | - | 4.16 | 4.19 | 3.92 | 4.08 |
| 322 | Glass and glassware, pressed or blown | 138.58 | 136.01 | 136.86 | 128.11 | 131.95 | 3.38 | 3.35 | 3.33 | 3.14 | 3.25 |
| 3221 | Glass containers | - | 139.54 | 141.10 | 133.90 | 136.68 | - | 3.42 | 3.40 | 3.25 | 3.35 |
| 3229 | Pressed and blown glass, n.e.c. | - | 131.30 | 130.82 | 120.60 | 125.64 | - | 3.25 | 3.23 | 3.00 | 3.11 |
| 324 | Cement, hydraulic | 164.80 | 166.00 | 166.78 | 145.79 | 155.87 | 4.00 | 4.00 | 3.99 | 3.53 | 3.72 |
| 325 | Structural clay products | (*) | 107.41 | 111.38 | 104.14 | 109.48 | (*) | 2.74 | 2.75 | 2.61 | 2.69 |
| 3251 | Brick and structural clay tile | - | 97.92 | 104.60 | 96.71 | 104.24 | - | 2.55 | 2.57 | 2.43 | 2.53 |
| 326 | Pottery and related products | - | 114.76 | 115.74 | 110.32 | 114.23 | - | 2.95 | 2.93 | 2.80 | 2.87 |
| 327 | Concrete, gypsum, and plaster products | (*) | 130.33 | 142.13 | 126.12 | 140.92 | (*) | 3.25 | 3.29 | 3.01 | 3.21 |
| 328,9 | Other stone and nonmetallic mineral products | 137.37 | 136.21 | 139.35 | 127.31 | 133.44 | 3.31 | 3.29 | 3.31 | 3.09 | 3.20 |
| 3291 | Abrasive products | - | 136.62 | 139.54 | 124.66 | 130.68 | - | 3.39 | 3.42 | 3.18 | 3.30 |

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry**

| SIC Code | Industry | Average weekly hours | | | | | Average overtime hours | | | | |
|----------------|--|----------------------|-----------|-----------|-----------|-----------|------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| - | TOTAL PRIVATE | 37.2 | 37.1 | 37.7 | 37.5 | 37.7 | - | - | - | - | - |
| - | MINING | 42.7 | 42.3 | 43.4 | 42.9 | 43.1 | - | - | - | - | - |
| 10 | METAL MINING | - | 42.9 | 43.4 | 43.1 | 43.3 | - | - | - | - | - |
| 101 | Iron ores | - | 41.4 | 40.8 | 39.9 | 41.4 | - | - | - | - | - |
| 102 | Copper ores | - | 45.1 | 46.2 | 46.8 | 46.3 | - | - | - | - | - |
| 11,12 | COAL MINING | - | 40.7 | 41.1 | 41.5 | 40.0 | - | - | - | - | - |
| 12 | Bituminous coal and lignite mining | - | 40.8 | 41.3 | 41.6 | 40.2 | - | - | - | - | - |
| 13 | OIL AND GAS EXTRACTION | - | 43.3 | 44.2 | 43.4 | 43.8 | - | - | - | - | - |
| 131,2 | Crude petroleum and natural gas fields | - | 41.5 | 40.8 | 41.3 | 41.0 | - | - | - | - | - |
| 138 | Oil and gas field services | - | 44.5 | 46.3 | 44.8 | 45.7 | - | - | - | - | - |
| 14 | NONMETALLIC MINERALS, EXCEPT FUELS | - | 41.9 | 44.8 | 43.2 | 45.7 | - | - | - | - | - |
| 142 | Crushed and broken stone | - | 42.1 | 45.7 | 43.1 | 47.0 | - | - | - | - | - |
| - | CONTRACT CONSTRUCTION | 36.7 | 35.6 | 37.7 | 36.7 | 38.0 | - | - | - | - | - |
| 15 | GENERAL BUILDING CONTRACTORS | - | 34.4 | 36.6 | 36.0 | 36.6 | - | - | - | - | - |
| 16 | HEAVY CONSTRUCTION CONTRACTORS | - | 38.6 | 40.3 | 39.8 | 42.1 | - | - | - | - | - |
| 161 | Highway and street construction | - | 37.0 | 38.0 | 39.1 | 42.0 | - | - | - | - | - |
| 162 | Heavy construction, n e c | - | 39.5 | 41.9 | 40.3 | 42.2 | - | - | - | - | - |
| 17 | SPECIAL TRADE CONTRACTORS | - | 35.2 | 37.2 | 35.9 | 37.0 | - | - | - | - | - |
| 171 | Plumbing, heating, air conditioning | - | 38.4 | 38.9 | 38.5 | 38.7 | - | - | - | - | - |
| 172 | Painting, paper hanging, decorating | - | 34.4 | 35.3 | 34.1 | 35.6 | - | - | - | - | - |
| 173 | Electrical work | - | 39.3 | 40.6 | 39.1 | 40.0 | - | - | - | - | - |
| 174 | Masonry, stonework, and plastering | - | 29.2 | 34.3 | 32.2 | 34.2 | - | - | - | - | - |
| 176 | Roofing and sheet metal work | - | 30.1 | 33.9 | 32.5 | 34.3 | - | - | - | - | - |
| - | MANUFACTURING | 39.8 | 40.1 | 41.0 | 40.4 | 40.6 | 3.0 | 3.2 | 3.6 | 3.6 | 3.6 |
| 19,24,25,32-39 | DURABLE GOODS | 40.4 | 40.6 | 41.7 | 41.1 | 41.3 | 3.0 | 3.3 | 3.8 | 3.7 | 3.8 |
| 20-23,26-31 | NONDURABLE GOODS | 39.0 | 39.3 | 40.0 | 39.4 | 39.7 | 2.9 | 3.1 | 3.4 | 3.3 | 3.4 |
| | <i>Durable Goods</i> | | | | | | | | | | |
| 19 | ORDNANCE AND ACCESSORIES | 41.0 | 41.1 | 41.0 | 40.4 | 40.5 | 2.6 | 2.6 | 2.6 | 2.5 | 2.5 |
| 192 | Ammunition, except for small arms | 40.4 | 40.7 | 40.6 | 39.7 | 39.9 | 2.3 | 2.2 | 2.1 | 2.1 | 2.1 |
| 1925 | Complete guided missiles | - | 42.5 | 42.7 | 42.1 | 42.1 | - | - | - | - | - |
| 1929 | Ammunition, exc. for small arms, nec | - | 39.7 | 39.4 | 38.4 | 38.8 | - | - | - | - | - |
| 24 | LUMBER AND WOOD PRODUCTS | 39.7 | 39.1 | 40.2 | 39.6 | 40.2 | 3.1 | 3.8 | 3.8 | 3.8 | 3.8 |
| 242 | Sawmills and planing mills | (*) | 38.5 | 40.1 | 39.9 | 40.2 | 3.0 | 4.2 | 4.1 | 4.0 | 4.0 |
| 2421 | Sawmills and planing mills, general | - | 38.3 | 40.0 | 39.8 | 40.1 | - | - | - | - | - |
| 243 | Millwork, plywood & related products | 40.3 | 39.8 | 40.8 | 40.5 | 40.6 | 3.0 | 3.4 | 4.0 | 3.6 | 3.6 |
| 2431 | Millwork | - | 39.0 | 40.1 | 39.2 | 39.4 | - | - | - | - | - |
| 2432 | Veneer and plywood | - | 40.8 | 41.8 | 41.7 | 41.6 | - | - | - | - | - |
| 244 | Wooden containers | (*) | 38.7 | 40.0 | 39.6 | 39.9 | 3.1 | 3.6 | 3.2 | 3.5 | 3.5 |
| 2441,2 | Wooden boxes, shooks, and crates | - | 38.8 | 40.4 | 39.6 | 40.1 | - | - | - | - | - |
| 249 | Miscellaneous wood products | 40.2 | 39.6 | 40.5 | 40.0 | 40.8 | 3.3 | 3.6 | 3.4 | 3.9 | 3.9 |
| 25 | FURNITURE AND FIXTURES | 38.6 | 38.9 | 40.8 | 40.0 | 40.4 | 2.5 | 3.4 | 3.3 | 3.3 | 3.3 |
| 251 | Household furniture | 38.3 | 38.5 | 40.6 | 40.0 | 40.2 | 2.3 | 3.2 | 3.2 | 3.1 | 3.1 |
| 2511 | Wood household furniture | - | 39.0 | 41.2 | 40.8 | 40.9 | - | - | - | - | - |
| 2512 | Upholstered household furniture | - | 37.6 | 40.5 | 39.3 | 39.4 | - | - | - | - | - |
| 2515 | Mattresses and bedspreads | - | 38.0 | 38.9 | 39.1 | 39.0 | - | - | - | - | - |
| 252 | Office furniture | - | 41.1 | 41.8 | 40.9 | 42.0 | 3.8 | 4.4 | 4.1 | 4.5 | 4.5 |
| 254 | Partitions and fixtures | - | 39.5 | 41.2 | 39.8 | 40.8 | 3.0 | 3.9 | 3.2 | 3.6 | 3.6 |
| 253,9 | Other furniture and fixtures | (*) | 39.5 | 40.6 | 39.6 | 40.1 | 2.5 | 3.1 | 2.9 | 3.1 | 3.1 |
| 32 | STONE, CLAY, AND GLASS PRODUCTS | 41.3 | 40.7 | 42.0 | 41.1 | 42.0 | 4.0 | 4.5 | 4.3 | 4.8 | 4.8 |
| 321 | Flat glass | - | 42.8 | 43.2 | 41.7 | 42.5 | 4.1 | 4.5 | 3.9 | 4.4 | 4.4 |
| 322 | Glass and glassware, pressed or blown | 41.0 | 40.6 | 41.1 | 40.8 | 40.6 | 4.5 | 4.6 | 4.6 | 4.5 | 4.5 |
| 3221 | Glass containers | - | 40.8 | 41.5 | 41.2 | 40.8 | - | - | - | - | - |
| 3229 | Pressed and blown glass, n e c | - | 40.4 | 40.5 | 40.2 | 40.4 | - | - | - | - | - |
| 324 | Cement, hydraulic | 41.2 | 41.5 | 41.8 | 41.3 | 41.9 | 3.0 | 3.0 | 2.6 | 3.1 | 3.1 |
| 325 | Structural clay products | (*) | 39.2 | 40.5 | 39.9 | 40.7 | 3.1 | 3.7 | 3.7 | 3.9 | 3.9 |
| 3251 | Brick and structural clay tile | - | 38.4 | 40.7 | 39.8 | 41.2 | - | - | - | - | - |
| 326 | Pottery and related products | - | 38.9 | 39.5 | 39.4 | 39.8 | 2.7 | 2.5 | 2.5 | 2.7 | 2.7 |
| 327 | Concrete, gypsum and plaster products | (*) | 40.1 | 43.2 | 41.9 | 43.9 | 4.6 | 5.9 | 5.5 | 6.7 | 6.7 |
| 328,9 | Other stone and nonmetallic mineral products | 41.5 | 41.4 | 42.1 | 41.2 | 41.7 | 4.0 | 4.3 | 4.0 | 4.1 | 4.1 |
| 3291 | Abrasive products | - | 40.3 | 40.8 | 39.2 | 39.6 | - | - | - | - | - |

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

| SIC Code | Industry | Average weekly earnings | | | | | Average hourly earnings | | | | |
|----------|---|-------------------------|-----------|-----------|-----------|-----------|-------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| | <i>Durable Goods--Continued</i> | | | | | | | | | | |
| 33 | PRIMARY METAL INDUSTRIES | \$157.82 | \$159.01 | \$160.99 | \$154.66 | \$158.42 | \$3.84 | \$3.85 | \$3.87 | \$3.70 | \$3.79 |
| 331 | Blast furnace and basic steel products .. | (*) | 165.65 | 166.46 | 160.70 | 166.03 | (*) | 4.07 | 4.10 | 3.91 | 4.02 |
| 3312 | Blast furnaces and steel mills | - | 167.68 | 168.05 | 163.18 | 168.51 | - | 4.13 | 4.17 | 3.98 | 4.09 |
| 332 | Iron and steel foundries | (*) | 152.94 | 158.54 | 147.77 | 149.46 | (*) | 3.65 | 3.67 | 3.51 | 3.55 |
| 3321 | Gray iron foundries | - | 152.62 | 160.15 | 147.97 | 150.30 | - | 3.66 | 3.69 | 3.54 | 3.57 |
| 3322 | Malleable iron foundries | - | 156.59 | 156.18 | 154.19 | 152.40 | - | 3.81 | 3.80 | 3.68 | 3.69 |
| 3323 | Steel foundries | - | 152.80 | 155.01 | 145.68 | 148.25 | - | 3.57 | 3.58 | 3.38 | 3.48 |
| 333,4 | Nonferrous metals | 154.24 | 154.98 | 155.18 | 147.90 | 151.79 | 3.69 | 3.69 | 3.66 | 3.48 | 3.58 |
| 3334 | Primary aluminum | - | 165.22 | 166.82 | 162.15 | 164.74 | - | 4.02 | 4.01 | 3.87 | 3.96 |
| 335 | Nonferrous rolling and drawing | (*) | 153.97 | 155.36 | 149.99 | 151.94 | (*) | 3.64 | 3.63 | 3.48 | 3.55 |
| 3351 | Copper rolling and drawing | - | 157.25 | 160.27 | 152.33 | 156.24 | - | 3.70 | 3.71 | 3.51 | 3.60 |
| 3352 | Aluminum rolling and drawing | - | 155.66 | 157.56 | 153.28 | 155.36 | - | 3.68 | 3.69 | 3.54 | 3.63 |
| 3357 | Nonferrous wire drawing and insulating .. | - | 151.01 | 151.59 | 147.66 | 147.90 | - | 3.57 | 3.55 | 3.45 | 3.48 |
| 336 | Nonferrous foundries | 136.46 | 137.02 | 138.79 | 135.79 | 136.86 | 3.42 | 3.40 | 3.41 | 3.28 | 3.33 |
| 3361 | Aluminum castings | - | 139.09 | 139.84 | 142.38 | 139.47 | - | 3.46 | 3.47 | 3.39 | 3.41 |
| 3362,9 | Other nonferrous castings | - | 134.13 | 137.94 | 128.52 | 133.49 | - | 3.32 | 3.34 | 3.15 | 3.24 |
| 339 | Miscellaneous primary metal products ... | (*) | 168.90 | 175.48 | 169.06 | 169.60 | (*) | 4.06 | 4.10 | 3.95 | 4.00 |
| 3391 | Iron and steel forgings | - | 173.43 | 181.47 | 176.75 | 175.55 | - | 4.23 | 4.28 | 4.12 | 4.16 |
| 34 | FABRICATED METAL PRODUCTS | 138.98 | 141.04 | 143.72 | 134.96 | 138.53 | 3.44 | 3.44 | 3.43 | 3.26 | 3.33 |
| 341 | Metal cans | 165.75 | 169.17 | 162.78 | 155.24 | 166.22 | 3.90 | 3.88 | 3.83 | 3.67 | 3.83 |
| 342 | Cutlery, hand tools, and hardware | 128.63 | 132.68 | 135.38 | 131.02 | 130.47 | 3.24 | 3.26 | 3.27 | 3.18 | 3.19 |
| 3421,3,5 | Cutlery and hand tools, incl. saws | - | 129.20 | 131.52 | 126.58 | 128.13 | - | 3.19 | 3.20 | 3.05 | 3.11 |
| 3429 | Hardware, n e c | - | 135.05 | 137.37 | 134.15 | 132.28 | - | 3.31 | 3.31 | 3.28 | 3.25 |
| 343 | Plumbing and heating, except electric ... | (*) | 125.69 | 128.88 | 124.85 | 126.27 | (*) | 3.19 | 3.19 | 3.06 | 3.11 |
| 3431,2 | Sanitary ware & plumbers' brass goods .. | - | 129.23 | 128.55 | 130.21 | 128.61 | - | 3.28 | 3.23 | 3.13 | 3.16 |
| 3433 | Heating equipment, except electric | - | 123.24 | 129.15 | 119.60 | 124.34 | - | 3.12 | 3.15 | 2.99 | 3.07 |
| 344 | Fabricated structural metal products | 139.44 | 138.92 | 142.35 | 129.92 | 135.96 | 3.46 | 3.43 | 3.43 | 3.20 | 3.30 |
| 3441 | Fabricated structural steel | - | 139.13 | 142.69 | 128.47 | 135.55 | - | 3.41 | 3.43 | 3.18 | 3.29 |
| 3442 | Metal doors, sash, and trim | - | 116.57 | 119.00 | 110.48 | 114.11 | - | 3.02 | 2.99 | 2.79 | 2.86 |
| 3443 | Fabricated plate work (boiler shops) .. | - | 149.09 | 153.06 | 140.27 | 146.93 | - | 3.61 | 3.61 | 3.38 | 3.49 |
| 3444 | Sheet metal work | - | 146.65 | 151.01 | 137.16 | 143.03 | - | 3.63 | 3.63 | 3.37 | 3.48 |
| 3446,9 | Architectural and misc. metal work ... | - | 131.63 | 136.45 | 125.33 | 130.92 | - | 3.25 | 3.28 | 3.11 | 3.17 |
| 345 | Screw machine products, bolts, etc. | (*) | 144.75 | 149.47 | 142.68 | 145.58 | (*) | 3.43 | 3.46 | 3.28 | 3.37 |
| 3451 | Screw machine products | - | 139.78 | 141.20 | 135.99 | 138.32 | - | 3.36 | 3.37 | 3.17 | 3.27 |
| 3452 | Bolts, nuts, rivets, and washers | - | 149.45 | 157.18 | 149.50 | 152.24 | - | 3.50 | 3.54 | 3.39 | 3.46 |
| 346 | Metal stampings | 151.47 | 158.04 | 160.88 | 150.78 | 154.03 | 3.74 | 3.79 | 3.75 | 3.59 | 3.65 |
| 347 | Metal services, n e c | (*) | 123.51 | 126.07 | 118.49 | 121.47 | (*) | 3.08 | 3.06 | 2.89 | 2.97 |
| 348 | Misc. fabricated wire products | 123.51 | 125.86 | 127.00 | 123.07 | 123.22 | 3.08 | 3.10 | 3.09 | 2.98 | 3.02 |
| 349 | Misc. fabricated metal products | 140.90 | 139.26 | 141.12 | 128.84 | 134.14 | 3.42 | 3.38 | 3.36 | 3.15 | 3.24 |
| 3494,8 | Valves, pipe, and pipe fittings | - | 143.10 | 145.51 | 131.11 | 137.19 | - | 3.44 | 3.44 | 3.19 | 3.29 |
| 35 | MACHINERY, EXCEPT ELECTRICAL | 154.71 | 156.56 | 159.90 | 147.55 | 152.15 | 3.71 | 3.71 | 3.71 | 3.48 | 3.58 |
| 351 | Engines and turbines | (*) | 166.36 | 165.55 | 162.01 | 160.61 | (*) | 3.98 | 3.97 | 3.83 | 3.87 |
| 3511 | Steam engines and turbines | - | (*) | 160.27 | 160.27 | 163.49 | - | (*) | 3.89 | 3.89 | 3.93 |
| 3519 | Internal combustion engines, n e c | - | 166.80 | 166.78 | 163.07 | 159.39 | - | 4.00 | 3.99 | 3.81 | 3.85 |
| 352 | Farm machinery | - | 146.97 | 145.84 | 139.09 | 141.10 | - | 3.62 | 3.61 | 3.46 | 3.51 |
| 353 | Construction and related machinery | (*) | 154.56 | 157.87 | 146.29 | 150.80 | (*) | 3.68 | 3.68 | 3.41 | 3.54 |
| 3531,2 | Construction and mining machinery | - | 160.40 | 161.88 | 150.07 | 153.19 | - | 3.81 | 3.80 | 3.49 | 3.63 |
| 3533 | Oil field machinery | - | 144.75 | 152.05 | 140.83 | 144.19 | - | 3.43 | 3.44 | 3.26 | 3.33 |
| 3535,6 | Conveyors, hoists, cranes, monorails .. | - | 153.61 | 155.79 | 142.46 | 150.85 | - | 3.64 | 3.64 | 3.36 | 3.50 |
| 3537 | Industrial trucks and tractors | - | 137.83 | 144.06 | 141.05 | 142.62 | - | 3.42 | 3.43 | 3.25 | 3.34 |
| 354 | Metal working machinery | (*) | 181.19 | 184.91 | 166.70 | 172.38 | (*) | 4.09 | 4.10 | 3.78 | 3.90 |
| 3541 | Machine tools, metal cutting types | - | 168.99 | 176.36 | 160.58 | 166.61 | - | 3.93 | 3.99 | 3.70 | 3.83 |
| 3544 | Special dies, tools, jigs & fixtures .. | - | 210.60 | 211.48 | 186.81 | 192.82 | - | 4.50 | 4.49 | 4.07 | 4.21 |
| 3545 | Machine tool accessories | - | 157.36 | 161.19 | 149.10 | 153.00 | - | 3.72 | 3.74 | 3.50 | 3.60 |
| 3542,8 | Misc. metal working machinery | - | 156.77 | 162.87 | 148.33 | 156.31 | - | 3.68 | 3.71 | 3.49 | 3.61 |
| 355 | Special industry machinery | (*) | 145.51 | 151.73 | 138.22 | 143.05 | (*) | 3.44 | 3.48 | 3.26 | 3.35 |
| 3551 | Food products machinery | - | 152.93 | 158.84 | 137.42 | 147.63 | - | 3.59 | 3.61 | 3.36 | 3.49 |
| 3552 | Textile machinery | - | 120.88 | 125.16 | 117.04 | 120.12 | - | 2.97 | 2.98 | 2.78 | 2.86 |
| 3555 | Printing trades machinery | - | 157.32 | 160.01 | 152.50 | 152.87 | - | 3.65 | 3.67 | 3.53 | 3.58 |
| 356 | General industrial machinery | (*) | 153.41 | 157.87 | 145.74 | 151.01 | (*) | 3.67 | 3.68 | 3.47 | 3.57 |
| 3561 | Pumps and compressors | - | 147.50 | 154.21 | 139.53 | 144.97 | - | 3.58 | 3.62 | 3.33 | 3.46 |
| 3562 | Ball and roller bearings | - | 158.67 | 161.68 | 153.00 | 155.98 | - | 3.76 | 3.76 | 3.60 | 3.67 |
| 3564 | Blowers and fans | - | 138.94 | 142.99 | 131.29 | 138.42 | - | 3.34 | 3.31 | 3.21 | 3.28 |
| 3566 | Power transmission equipment | - | 154.76 | 160.01 | 147.32 | 152.30 | - | 3.65 | 3.67 | 3.45 | 3.55 |
| 357 | Office and computing machines | (*) | 150.75 | 157.81 | 145.67 | 150.00 | (*) | 3.65 | 3.67 | 3.46 | 3.58 |
| 3573 | Electronic computing equipment | - | 151.89 | 161.48 | 151.36 | 152.08 | - | 3.66 | 3.67 | 3.44 | 3.57 |
| 358 | Service industry machines | (*) | 131.41 | 136.04 | 125.77 | 132.11 | (*) | 3.31 | 3.31 | 3.16 | 3.23 |
| 3585 | Refrigeration machinery | - | 133.06 | 138.69 | 128.40 | 134.40 | - | 3.36 | 3.35 | 3.21 | 3.27 |
| 359 | Misc. machinery, except electrical | (*) | 153.43 | 155.45 | 143.14 | 148.35 | (*) | 3.61 | 3.59 | 3.36 | 3.45 |

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

| SIC Code | Industry | Average weekly hours | | | | | Average overtime hours | | | | |
|----------|--|----------------------|-----------|-----------|-----------|-----------|------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| | <i>Durable Goods--Continued</i> | | | | | | | | | | |
| 33 | PRIMARY METAL INDUSTRIES | 41.1 | 41.3 | 41.6 | 41.8 | 41.8 | - | 3.6 | 3.8 | 4.0 | 4.0 |
| 331 | Blast furnace and basic steel products | (*) | 40.7 | 40.6 | 41.1 | 41.3 | - | 2.7 | 2.7 | 2.7 | 3.2 |
| 3312 | Blast furnaces and steel mills | - | 40.6 | 40.3 | 41.0 | 41.2 | - | - | - | - | - |
| 332 | Iron and steel foundries | (*) | 41.9 | 43.2 | 42.1 | 42.1 | - | 4.8 | 5.5 | 5.4 | 5.0 |
| 3321 | Gray iron foundries | - | 41.7 | 43.4 | 41.8 | 42.1 | - | - | - | - | - |
| 3322 | Malleable iron foundries | - | 41.1 | 41.1 | 41.9 | 41.3 | - | - | - | - | - |
| 3323 | Steel foundries | - | 42.8 | 43.3 | 43.1 | 42.6 | - | - | - | - | - |
| 333,4 | Nonferrous metals | 41.8 | 42.0 | 42.4 | 42.5 | 42.4 | - | 4.5 | 4.6 | 4.5 | 4.6 |
| 3334 | Primary aluminum | - | 41.1 | 41.6 | 41.9 | 41.6 | - | - | - | - | - |
| 335 | Nonferrous rolling and drawing | (*) | 42.3 | 42.8 | 43.1 | 42.8 | - | 4.3 | 4.5 | 5.2 | 5.0 |
| 3351 | Copper rolling and drawing | - | 42.5 | 43.2 | 43.4 | 43.4 | - | - | - | - | - |
| 3352 | Aluminum rolling and drawing | - | 42.3 | 42.7 | 43.3 | 42.8 | - | - | - | - | - |
| 3357 | Nonferrous wire drawing and insulating | - | 42.3 | 42.7 | 42.8 | 42.5 | - | - | - | - | - |
| 336 | Nonferrous foundries | 39.9 | 40.3 | 40.7 | 41.4 | 41.1 | - | 3.0 | 3.3 | 4.5 | 4.0 |
| 3361 | Aluminum castings | - | 40.2 | 40.3 | 42.0 | 40.9 | - | - | - | - | - |
| 3362,9 | Other nonferrous castings | - | 40.4 | 41.3 | 40.8 | 41.2 | - | - | - | - | - |
| 339 | Miscellaneous primary metal products | (*) | 41.6 | 42.8 | 42.8 | 42.4 | - | 4.1 | 5.2 | 5.4 | 5.2 |
| 3391 | Iron and steel forgings | - | 41.0 | 42.4 | 42.9 | 42.2 | - | - | - | - | - |
| 34 | FABRICATED METAL PRODUCTS | 40.4 | 41.0 | 41.9 | 41.4 | 41.6 | - | 3.6 | 4.1 | 4.1 | 4.1 |
| 341 | Metal cans | 42.5 | 43.6 | 42.5 | 42.3 | 43.4 | - | 4.8 | 2.9 | 4.5 | 4.7 |
| 342 | Cutlery, hand tools, and hardware | 39.7 | 40.7 | 41.4 | 41.2 | 40.9 | - | 2.9 | 3.3 | 3.7 | 3.2 |
| 3421,3,5 | Cutlery and hand tools, incl. saws | - | 40.5 | 41.1 | 41.5 | 41.2 | - | - | - | - | - |
| 3429 | Hardware, n e c | - | 40.8 | 41.5 | 40.9 | 40.7 | - | - | - | - | - |
| 343 | Plumbing and heating, except electric | (*) | 39.4 | 40.4 | 40.8 | 40.6 | - | 2.4 | 3.0 | 3.4 | 3.3 |
| 3431,2 | Sanitary ware & plumbers' brass goods | - | 39.4 | 39.8 | 41.6 | 40.7 | - | - | - | - | - |
| 3433 | Heating equipment, except electric | - | 39.5 | 41.0 | 40.0 | 40.5 | - | - | - | - | - |
| 344 | Fabricated structural metal products | 40.3 | 40.5 | 41.5 | 40.6 | 41.2 | - | 3.1 | 3.9 | 3.5 | 3.8 |
| 3441 | Fabricated structural steel | - | 40.8 | 41.6 | 40.4 | 41.2 | - | - | - | - | - |
| 3442 | Metal doors, sash, and trim | - | 38.6 | 39.8 | 39.6 | 39.9 | - | - | - | - | - |
| 3443 | Fabricated plate work (boiler shops) | - | 41.3 | 42.4 | 41.5 | 42.1 | - | - | - | - | - |
| 3444 | Sheet metal work | - | 40.4 | 41.6 | 40.7 | 41.1 | - | - | - | - | - |
| 3446,9 | Architectural and misc. metal work | - | 40.5 | 41.6 | 40.3 | 41.3 | - | - | - | - | - |
| 345 | Screw machine products, bolts, etc. | (*) | 42.2 | 43.2 | 43.5 | 43.2 | - | 5.0 | 5.8 | 5.9 | 5.7 |
| 3451 | Screw machine products | - | 41.6 | 41.9 | 42.9 | 42.3 | - | - | - | - | - |
| 3452 | Bolts, nuts, rivets, and washers | - | 42.7 | 44.4 | 44.1 | 44.0 | - | - | - | - | - |
| 346 | Metal stampings | 40.5 | 41.7 | 42.9 | 42.0 | 42.2 | - | 3.9 | 4.4 | 4.8 | 4.8 |
| 347 | Metal services, n e c | (*) | 40.1 | 41.2 | 41.0 | 40.9 | - | 4.4 | 4.8 | 4.3 | 4.4 |
| 348 | Misc. fabricated wire products | 40.1 | 40.6 | 41.1 | 41.3 | 40.8 | - | 3.4 | 4.0 | 4.0 | 3.8 |
| 349 | Misc. fabricated metal products | 41.2 | 41.2 | 42.0 | 40.9 | 41.4 | - | 3.4 | 4.0 | 3.6 | 3.9 |
| 3494,8 | Valves, pipe, and pipe fittings | - | 41.6 | 42.3 | 41.1 | 41.7 | - | - | - | - | - |
| 35 | MACHINERY, EXCEPT ELECTRICAL | 41.7 | 42.2 | 43.1 | 42.4 | 42.5 | - | 4.2 | 4.8 | 4.4 | 4.5 |
| 351 | Engines and turbines | (*) | 41.8 | 41.7 | 42.3 | 41.5 | - | 4.6 | 4.6 | 4.9 | 4.6 |
| 3511 | Steam engines and turbines | - | (*) | 41.2 | 41.2 | 41.6 | - | - | - | - | - |
| 3519 | Internal combustion engines, n e c | - | 41.7 | 41.8 | 42.8 | 41.4 | - | - | - | - | - |
| 352 | Farm machinery | - | 40.6 | 40.4 | 40.2 | 40.2 | - | 2.8 | 2.7 | 2.7 | 2.5 |
| 353 | Construction and related machinery | (*) | 42.0 | 42.9 | 42.9 | 42.6 | - | 4.1 | 4.6 | 4.3 | 4.3 |
| 3531,2 | Construction and mining machinery | - | 42.1 | 42.6 | 43.0 | 42.2 | - | - | - | - | - |
| 3533 | Oil field machinery | - | 42.2 | 44.2 | 43.2 | 43.3 | - | - | - | - | - |
| 3535,6 | Conveyors, hoists, cranes, monorails | - | 42.2 | 42.8 | 42.4 | 43.1 | - | - | - | - | - |
| 3537 | Industrial trucks and tractors | - | 40.3 | 42.0 | 43.4 | 42.7 | - | - | - | - | - |
| 354 | Metal working machinery | (*) | 44.3 | 45.1 | 44.1 | 44.2 | - | 5.9 | 6.8 | 5.8 | 6.0 |
| 3541 | Machine tools, metal cutting types | - | 43.0 | 44.2 | 43.4 | 43.5 | - | - | - | - | - |
| 3544 | Special dies, tools, jigs, & fixtures | - | 46.8 | 47.1 | 45.9 | 45.8 | - | - | - | - | - |
| 3545 | Machine tool accessories | - | 42.3 | 43.1 | 42.6 | 42.5 | - | - | - | - | - |
| 3542,8 | Misc. metal working machinery | - | 42.6 | 43.9 | 42.5 | 43.3 | - | - | - | - | - |
| 355 | Special industry machinery | (*) | 42.3 | 43.6 | 42.4 | 42.7 | - | 3.9 | 5.0 | 4.4 | 4.7 |
| 3551 | Food products machinery | - | 42.6 | 44.0 | 40.9 | 42.3 | - | - | - | - | - |
| 3552 | Textile machinery | - | 40.7 | 42.0 | 42.1 | 42.0 | - | - | - | - | - |
| 3555 | Printing trades machinery | - | 43.1 | 43.6 | 43.2 | 42.7 | - | - | - | - | - |
| 356 | General industrial machinery | (*) | 41.8 | 42.9 | 42.0 | 42.3 | - | 3.7 | 4.7 | 4.1 | 4.4 |
| 3561 | Pumps and compressors | - | 41.2 | 42.6 | 41.9 | 41.9 | - | - | - | - | - |
| 3562 | Ball and roller bearings | - | 42.2 | 43.0 | 42.5 | 42.5 | - | - | - | - | - |
| 3564 | Blowers and fans | - | 41.6 | 43.2 | 40.9 | 42.2 | - | - | - | - | - |
| 3566 | Power transmission equipment | - | 42.4 | 43.6 | 42.7 | 42.9 | - | - | - | - | - |
| 357 | Office and computing machines | (*) | 41.3 | 43.0 | 42.1 | 41.9 | - | 3.0 | 3.7 | 3.4 | 3.4 |
| 3573 | Electronic computing equipment | - | 41.5 | 44.0 | 44.0 | 42.6 | - | - | - | - | - |
| 358 | Service industry machines | (*) | 39.7 | 41.1 | 39.8 | 40.9 | - | 2.0 | 2.8 | 2.8 | 3.1 |
| 3585 | Refrigeration machinery | - | 39.6 | 41.4 | 40.0 | 41.1 | - | - | - | - | - |
| 359 | Misc. machinery, except electrical | (*) | 42.5 | 43.3 | 42.6 | 43.0 | - | 4.9 | 5.4 | 5.2 | 5.3 |

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

| SIC code | Industry | Average weekly earnings | | | | | Average hourly earnings | | | | |
|---------------------------------|---|-------------------------|-----------|-----------|-----------|-----------|-------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| <i>Durable Goods--Continued</i> | | | | | | | | | | | |
| 36 | ELECTRICAL EQUIPMENT AND SUPPLIES... | \$126.96 | \$127.75 | \$129.24 | \$122.51 | \$124.84 | \$3.19 | \$3.17 | \$3.16 | \$3.04 | \$3.09 |
| 361 | Electric test & distributing equipment ... | (*) | 132.25 | 136.08 | 130.29 | 131.84 | (*) | 3.21 | 3.24 | 3.17 | 3.20 |
| 3611 | Electric measuring instruments | - | 116.91 | 121.91 | 116.47 | 117.79 | - | 2.99 | 3.01 | 2.89 | 2.93 |
| 3612 | Transformers | - | 134.83 | 134.94 | 130.47 | 133.63 | - | 3.18 | 3.19 | 3.19 | 3.22 |
| 3613 | Switchgear and switchboard apparatus... | - | 142.30 | 148.35 | 140.11 | 141.70 | - | 3.38 | 3.45 | 3.36 | 3.39 |
| 362 | Electrical industrial apparatus | (*) | 132.11 | 135.01 | 129.78 | 132.16 | (*) | 3.23 | 3.23 | 3.15 | 3.20 |
| 3621 | Motors and generators | - | 134.64 | 136.83 | 133.95 | 134.37 | - | 3.26 | 3.25 | 3.22 | 3.23 |
| 3622 | Industrial controls | - | 125.45 | 130.88 | 121.71 | 127.39 | - | 3.16 | 3.20 | 3.02 | 3.13 |
| 363 | Household appliances | (*) | 134.46 | 136.42 | 132.99 | 133.57 | (*) | 3.37 | 3.36 | 3.30 | 3.29 |
| 3632 | Household refrigerators and freezers ... | - | 147.66 | 150.59 | 146.69 | 147.96 | - | 3.71 | 3.70 | 3.64 | 3.60 |
| 3633 | Household laundry equipment | - | 154.66 | 156.09 | 141.29 | 140.65 | - | 3.70 | 3.69 | 3.48 | 3.49 |
| 3634 | Electric housewares and fans | - | 105.20 | 106.13 | 105.34 | 106.80 | - | 2.67 | 2.68 | 2.66 | 2.67 |
| 364 | Electric lighting and wiring equipment ... | (*) | 118.31 | 120.69 | 114.23 | 115.82 | (*) | 2.98 | 2.98 | 2.87 | 2.91 |
| 3641 | Electric lamps | - | 119.10 | 119.20 | 112.11 | 114.65 | - | 2.97 | 2.98 | 2.86 | 2.91 |
| 3642 | Lighting fixtures | - | 119.56 | 122.51 | 113.20 | 116.62 | - | 3.05 | 3.04 | 2.91 | 2.96 |
| 3643,4 | Wiring devices | - | 117.60 | 119.95 | 115.71 | 116.35 | - | 2.94 | 2.94 | 2.85 | 2.88 |
| 365 | Radio and TV receiving equipment | (*) | 110.11 | 108.85 | 100.61 | 103.30 | (*) | 2.86 | 2.82 | 2.62 | 2.69 |
| 366 | Communication equipment | (*) | 150.36 | 152.08 | 138.10 | 142.83 | (*) | 3.58 | 3.57 | 3.36 | 3.45 |
| 3661 | Telephone and telegraph apparatus | - | 155.45 | 155.81 | 140.90 | 147.77 | - | 3.59 | 3.59 | 3.42 | 3.51 |
| 3662 | Radio and TV communication equipment ... | - | 146.73 | 149.46 | 136.12 | 140.22 | - | 3.57 | 3.55 | 3.32 | 3.42 |
| 367 | Electronic components and accessories .. | (*) | 108.58 | 109.05 | 103.49 | 105.59 | (*) | 2.77 | 2.74 | 2.62 | 2.68 |
| 3671-3 | Electron tubes | - | 117.90 | 120.10 | 110.65 | 115.24 | - | 3.00 | 3.01 | 2.83 | 2.91 |
| 3674,9 | Other electronic components | - | 106.62 | 106.79 | 101.52 | 103.62 | - | 2.72 | 2.69 | 2.57 | 2.63 |
| 369 | Misc. electrical equipment & supplies... | (*) | 139.32 | 139.13 | 137.42 | 136.68 | (*) | 3.44 | 3.41 | 3.36 | 3.35 |
| 3694 | Engine electrical equipment | - | 143.28 | 142.56 | 141.20 | 140.75 | - | 3.60 | 3.60 | 3.53 | 3.51 |
| 37 | TRANSPORTATION EQUIPMENT | 157.61 | 160.80 | 170.49 | 160.19 | 161.85 | 3.97 | 4.01 | 4.04 | 3.86 | 3.90 |
| 371 | Motor vehicles and equipment | (*) | 164.67 | 179.35 | 171.37 | 170.97 | (*) | 4.19 | 4.22 | 4.09 | 4.10 |
| 3711 | Motor vehicles | - | 166.55 | 184.88 | 173.47 | 174.29 | - | 4.36 | 4.35 | 4.15 | 4.21 |
| 3712 | Passenger car bodies | - | 175.34 | 201.52 | 187.89 | 183.14 | - | 4.59 | 4.58 | 4.28 | 4.35 |
| 3713 | Truck and bus bodies | - | 135.72 | 140.13 | 137.27 | 136.82 | - | 3.41 | 3.46 | 3.34 | 3.37 |
| 3714 | Motor vehicle parts and accessories ... | - | 167.27 | 177.65 | 173.47 | 172.20 | - | 4.13 | 4.18 | 4.15 | 4.10 |
| 3715 | Truck trailers | - | 128.77 | 130.33 | 120.90 | 124.54 | - | 3.26 | 3.21 | 3.00 | 3.06 |
| 372 | Aircraft and parts | (*) | 167.23 | 173.32 | 156.87 | 161.77 | (*) | 4.02 | 4.04 | 3.78 | 3.87 |
| 3721 | Aircraft | - | 167.27 | 173.79 | 158.88 | 163.41 | - | 4.06 | 4.07 | 3.81 | 3.90 |
| 3722 | Aircraft engines and engine parts | - | 165.61 | 172.51 | 155.45 | 158.28 | - | 4.01 | 4.04 | 3.81 | 3.87 |
| 3723,9 | Other aircraft parts and equipment | - | 168.13 | 170.91 | 153.35 | 159.47 | - | 3.91 | 3.92 | 3.66 | 3.77 |
| 373 | Ship and boat building and repairing | 148.10 | 148.34 | 150.96 | 140.48 | 145.66 | 3.74 | 3.69 | 3.70 | 3.46 | 3.57 |
| 3731 | Ship building and repairing | - | 157.57 | 160.74 | 148.30 | 154.66 | - | 3.91 | 3.93 | 3.68 | 3.80 |
| 3732 | Boat building and repairing | - | 118.50 | 120.29 | 114.96 | 117.01 | - | 2.97 | 2.97 | 2.77 | 2.84 |
| 374 | Railroad equipment | - | 154.84 | 160.61 | 151.50 | 156.65 | - | 3.91 | 3.87 | 3.75 | 3.83 |
| 375,9 | Other transportation equipment | - | 112.64 | 116.33 | 110.43 | 115.13 | - | 2.98 | 2.96 | 2.81 | 2.90 |
| 38 | INSTRUMENTS AND RELATED PRODUCTS .. | 132.36 | 132.44 | 134.64 | 124.74 | 128.61 | 3.26 | 3.27 | 3.26 | 3.08 | 3.16 |
| 381 | Engineering & scientific instruments ... | - | 148.73 | 154.64 | 143.03 | 147.97 | - | 3.61 | 3.63 | 3.43 | 3.54 |
| 382 | Mechanical measuring & control devices.. | (*) | 131.22 | 133.16 | 122.19 | 126.45 | (*) | 3.24 | 3.24 | 3.07 | 3.13 |
| 3821 | Mechanical measuring devices | - | 133.82 | 135.71 | 123.20 | 128.61 | - | 3.28 | 3.27 | 3.08 | 3.16 |
| 3822 | Automatic temperature controls | - | 127.92 | 129.20 | 120.48 | 123.60 | - | 3.19 | 3.19 | 3.05 | 3.09 |
| 383,5 | Optical and ophthalmic goods | 126.58 | 123.20 | 123.22 | 114.91 | 119.69 | 3.11 | 3.08 | 3.05 | 2.88 | 2.97 |
| 385 | Ophthalmic goods | - | 111.54 | 112.35 | 105.47 | 109.05 | - | 2.86 | 2.83 | 2.65 | 2.74 |
| 384 | Medical instruments and supplies | 111.15 | 110.71 | 113.65 | 106.13 | 109.20 | 2.85 | 2.81 | 2.82 | 2.66 | 2.73 |
| 386 | Photographic equipment and supplies ... | (*) | 162.35 | 165.02 | 149.94 | 155.24 | (*) | 3.82 | 3.82 | 3.57 | 3.67 |
| 387 | Watches, clocks, and watchcases | - | 101.61 | 103.23 | 97.66 | 99.20 | - | 2.66 | 2.62 | 2.53 | 2.55 |
| 39 | MISC. MANUFACTURING INDUSTRIES | 108.14 | 107.97 | 108.74 | 100.62 | 103.35 | 2.78 | 2.79 | 2.76 | 2.60 | 2.65 |
| 391 | Jewelry, silverware, and plated ware... | 119.89 | 118.20 | 124.42 | 113.94 | 114.95 | 3.02 | 3.00 | 3.02 | 2.87 | 2.91 |
| 394 | Toys and sporting goods | - | 97.79 | 95.48 | 89.21 | 91.30 | - | 2.56 | 2.48 | 2.36 | 2.39 |
| 3941-3 | Games, toys, dolls & play vehicles ... | - | 92.63 | 88.03 | 83.39 | 85.88 | - | 2.49 | 2.36 | 2.26 | 2.29 |
| 3949 | Sporting and athletic goods, n e c | - | 103.10 | 105.73 | 95.45 | 98.78 | - | 2.63 | 2.63 | 2.46 | 2.52 |
| 395 | Pens, pencils, office and art supplies... | - | 108.64 | 106.23 | 101.27 | 104.02 | - | 2.80 | 2.71 | 2.59 | 2.64 |
| 396 | Costume jewelry and notions | - | 95.12 | 96.38 | 91.96 | 94.08 | - | 2.49 | 2.51 | 2.42 | 2.45 |
| 393,8,9 | Other manufacturing industries | 116.13 | 116.61 | 119.60 | 108.47 | 113.26 | 2.97 | 2.99 | 2.99 | 2.76 | 2.86 |
| 393 | Musical instruments and parts | - | 111.55 | 119.66 | 107.98 | 111.28 | - | 2.89 | 2.94 | 2.72 | 2.81 |
| <i>Nondurable Goods</i> | | | | | | | | | | | |
| 20 | FOOD AND KINDRED PRODUCTS | 123.51 | 124.34 | 124.64 | 117.27 | 120.36 | 3.08 | 3.07 | 3.04 | 2.91 | 2.95 |
| 201 | Meat products | (*) | 137.19 | 134.18 | 127.92 | 128.96 | (*) | 3.29 | 3.21 | 3.12 | 3.13 |
| 2011 | Meat packing plants | - | 167.91 | 164.05 | 153.29 | 155.18 | - | 3.86 | 3.78 | 3.59 | 3.66 |
| 2013 | Sausages and other prepared meats | - | 141.60 | 145.02 | 137.70 | 141.80 | - | 3.54 | 3.52 | 3.40 | 3.45 |
| 2015 | Poultry dressing plants | - | 82.14 | 83.18 | 75.24 | 80.17 | - | 2.09 | 2.09 | 1.98 | 2.04 |

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

| SIC Code | Industry | Average weekly hours | | | | | Average overtime hours | | | | |
|---------------------------------|---|----------------------|-----------|-----------|-----------|-----------|------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| <i>Durable Goods--Continued</i> | | | | | | | | | | | |
| 36 | ELECTRICAL EQUIPMENT AND SUPPLIES .. | 39.8 | 40.3 | 40.9 | 40.3 | 40.4 | - | 2.7 | 3.0 | 2.9 | 2.8 |
| 361 | Electric test & distributing equipment .. | (*) | 41.2 | 42.0 | 41.1 | 41.2 | - | 3.1 | 3.6 | 3.3 | 3.3 |
| 3611 | Electric measuring instruments | - | 39.1 | 40.5 | 40.3 | 40.2 | - | - | - | - | - |
| 3612 | Transformers | - | 42.4 | 42.3 | 40.9 | 41.5 | - | - | - | - | - |
| 3613 | Switchgear and switchboard apparatus .. | - | 42.1 | 43.0 | 41.7 | 41.8 | - | - | - | - | - |
| 362 | Electrical industrial apparatus | (*) | 40.9 | 41.8 | 41.2 | 41.3 | - | 3.3 | 3.9 | 3.8 | 3.8 |
| 3621 | Motors and generators | - | 41.3 | 42.1 | 41.6 | 41.6 | - | - | - | - | - |
| 3622 | Industrial controls | - | 39.7 | 40.9 | 40.3 | 40.7 | - | - | - | - | - |
| 363 | Household appliances | (*) | 39.9 | 40.6 | 40.3 | 40.6 | - | 2.1 | 2.6 | 3.3 | 3.0 |
| 3632 | Household refrigerators and freezers .. | - | 39.8 | 40.7 | 40.3 | 41.1 | - | - | - | - | - |
| 3633 | Household laundry equipment | - | 41.8 | 42.3 | 40.6 | 40.3 | - | - | - | - | - |
| 3634 | Electric housewares and fans | - | 39.4 | 39.6 | 39.6 | 40.0 | - | - | - | - | - |
| 364 | Electric lighting and wiring equipment .. | (*) | 39.7 | 40.5 | 39.8 | 39.8 | - | 2.6 | 2.7 | 2.7 | 2.6 |
| 3641 | Electric lamps | - | 40.1 | 40.0 | 39.2 | 39.4 | - | - | - | - | - |
| 3642 | Lighting fixtures | - | 39.2 | 40.3 | 38.9 | 39.4 | - | - | - | - | - |
| 3643,4 | Wiring devices | - | 40.0 | 40.8 | 40.6 | 40.4 | - | - | - | - | - |
| 365 | Radio and TV receiving equipment | (*) | 38.5 | 38.6 | 38.4 | 38.4 | - | 1.1 | 1.4 | 1.7 | 1.5 |
| 366 | Communication equipment | (*) | 42.0 | 42.6 | 41.1 | 41.4 | - | 3.8 | 4.1 | 3.1 | 3.3 |
| 3661 | Telephone and telegraph apparatus .. | - | 43.3 | 43.4 | 41.2 | 42.1 | - | - | - | - | - |
| 3662 | Radio and TV communication equipment .. | - | 41.1 | 42.1 | 41.0 | 41.0 | - | - | - | - | - |
| 367 | Electronic components and accessories .. | (*) | 39.2 | 39.8 | 39.5 | 39.4 | - | 1.9 | 2.3 | 2.2 | 2.2 |
| 3671-3 | Electron tubes | - | 39.3 | 39.9 | 39.1 | 39.6 | - | - | - | - | - |
| 3674,9 | Other electronic components | - | 39.2 | 39.7 | 39.5 | 39.4 | - | - | - | - | - |
| 369 | Misc. electrical equipment & supplies .. | (*) | 40.5 | 40.8 | 40.9 | 40.8 | - | 2.7 | 3.0 | 3.7 | 3.0 |
| 3694 | Engine electrical equipment | - | 39.8 | 39.6 | 40.0 | 40.1 | - | - | - | - | - |
| 37 | TRANSPORTATION EQUIPMENT | 39.7 | 40.1 | 42.2 | 41.5 | 41.5 | - | 2.8 | 3.8 | 4.0 | 3.8 |
| 371 | Motor vehicles and equipment | (*) | 39.3 | 42.5 | 41.9 | 41.7 | - | 2.4 | 3.9 | 4.7 | 4.2 |
| 3711 | Motor vehicles | - | 38.2 | 42.5 | 41.8 | 41.4 | - | - | - | - | - |
| 3712 | Passenger car bodies | - | 38.2 | 44.0 | 43.9 | 42.1 | - | - | - | - | - |
| 3713 | Truck and bus bodies | - | 39.8 | 40.5 | 41.1 | 40.6 | - | - | - | - | - |
| 3714 | Motor vehicle parts and accessories .. | - | 40.5 | 42.5 | 41.8 | 42.0 | - | - | - | - | - |
| 3715 | Truck trailers | - | 39.5 | 40.6 | 40.3 | 40.7 | - | - | - | - | - |
| 372 | Aircraft and parts | (*) | 41.6 | 42.9 | 41.5 | 41.8 | - | 3.3 | 4.1 | 3.4 | 3.4 |
| 3721 | Aircraft | - | 41.2 | 42.7 | 41.7 | 41.9 | - | - | - | - | - |
| 3722 | Aircraft engines and engine parts | - | 41.3 | 42.7 | 40.8 | 40.9 | - | - | - | - | - |
| 3723,9 | Other aircraft parts and equipment | - | 43.0 | 43.6 | 41.9 | 42.3 | - | - | - | - | - |
| 373 | Ship and boat building and repairing | 39.6 | 40.2 | 40.8 | 40.6 | 40.8 | - | 3.3 | 3.7 | 3.4 | 3.7 |
| 3731 | Ship building and repairing | - | 40.3 | 40.9 | 40.3 | 40.7 | - | - | - | - | - |
| 3732 | Boat building and repairing | - | 39.9 | 40.5 | 41.5 | 41.2 | - | - | - | - | - |
| 374 | Railroad equipment | - | 39.6 | 41.5 | 40.4 | 40.9 | - | 3.0 | 3.3 | 3.1 | 3.4 |
| 375,9 | Other transportation equipment | - | 37.8 | 39.3 | 39.3 | 39.7 | - | 1.9 | 2.3 | 2.6 | 2.8 |
| 38 | INSTRUMENTS AND RELATED PRODUCTS .. | 40.6 | 40.5 | 41.3 | 40.5 | 40.7 | - | 3.0 | 3.4 | 2.9 | 3.0 |
| 381 | Engineering & scientific instruments | - | 41.2 | 42.6 | 41.7 | 41.8 | - | 3.8 | 4.5 | 3.8 | 3.8 |
| 382 | Mechanical measuring & control devices .. | (*) | 40.5 | 41.1 | 39.8 | 40.4 | - | 3.0 | 3.4 | 2.8 | 3.1 |
| 3821 | Mechanical measuring devices | - | 40.8 | 41.5 | 40.0 | 40.7 | - | - | - | - | - |
| 3822 | Automatic temperature controls | - | 40.1 | 40.5 | 39.5 | 40.0 | - | - | - | - | - |
| 383,5 | Optical and ophthalmic goods | 40.7 | 40.0 | 40.4 | 39.9 | 40.3 | - | 2.6 | 2.7 | 2.5 | 2.6 |
| 385 | Ophthalmic goods | - | 39.0 | 39.7 | 39.8 | 39.8 | - | 2.0 | 2.1 | 2.4 | 2.3 |
| 384 | Medical instruments and supplies | 39.0 | 39.4 | 40.3 | 39.9 | 40.0 | - | 2.2 | 2.5 | 2.4 | 2.4 |
| 386 | Photographic equipment and supplies .. | (*) | 42.5 | 43.2 | 42.0 | 42.3 | - | 3.7 | 4.3 | 3.6 | 3.6 |
| 387 | Watches, clocks, and watch cases | - | 38.2 | 39.4 | 38.6 | 38.9 | - | 1.7 | 2.3 | 1.9 | 2.0 |
| 39 | MISC. MANUFACTURING INDUSTRIES | 38.9 | 38.7 | 39.4 | 38.7 | 39.0 | - | 2.4 | 2.8 | 2.6 | 2.6 |
| 391 | Jewelry, silverware, and plated ware | 39.7 | 39.4 | 41.2 | 39.7 | 39.5 | - | 2.7 | 3.6 | 3.0 | 2.9 |
| 394 | Toys and sporting goods | - | 38.2 | 38.5 | 37.8 | 38.2 | - | 2.2 | 2.5 | 2.8 | 2.3 |
| 3941-3 | Games, toys, dolls, & play vehicles .. | - | 37.2 | 37.3 | 36.9 | 37.5 | - | - | - | - | - |
| 3949 | Sporting and athletic goods, n.e.c. | - | 39.2 | 40.2 | 38.8 | 39.2 | - | - | - | - | - |
| 395 | Pens, pencils, office and art supplies .. | - | 38.8 | 39.2 | 39.1 | 39.4 | - | 1.9 | 2.5 | 2.2 | 2.3 |
| 396 | Costume jewelry and notions | - | 38.2 | 38.4 | 38.0 | 38.4 | - | 2.2 | 2.6 | 2.3 | 2.5 |
| 393,8,9 | Other manufacturing industries | 39.1 | 39.0 | 40.0 | 39.3 | 39.6 | - | 2.5 | 3.0 | 2.6 | 2.8 |
| 393 | Musical instruments and parts | - | 38.6 | 40.7 | 39.7 | 39.6 | - | 1.9 | 3.3 | 2.6 | 2.5 |
| <i>Nondurable Goods</i> | | | | | | | | | | | |
| 20 | FOOD AND KINDRED PRODUCTS | 40.1 | 40.5 | 41.0 | 40.3 | 40.8 | - | 4.0 | 4.2 | 4.0 | 4.2 |
| 201 | Meat products | (*) | 41.7 | 41.8 | 41.0 | 41.2 | - | 4.9 | 4.9 | 4.6 | 4.7 |
| 2011 | Meat packing plants | - | 43.5 | 43.4 | 42.7 | 42.4 | - | - | - | - | - |
| 2013 | Sausages and other prepared meats .. | - | 40.0 | 41.2 | 40.5 | 41.1 | - | - | - | - | - |
| 2015 | Poultry dressing plants | - | 39.3 | 39.8 | 38.0 | 39.3 | - | - | - | - | - |

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

| SIC Code | Industry | Average weekly earnings | | | | | Average hourly earnings | | | | |
|---|---|-------------------------|-----------|-----------|-----------|-----------|-------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| <i>Nondurable Goods--Continued</i> | | | | | | | | | | | |
| FOOD AND KINDRED PRODUCTS--Continued | | | | | | | | | | | |
| 202 | Dairy products..... | \$103.82 | \$130.92 | \$129.58 | \$122.01 | \$126.65 | \$3.16 | \$3.17 | \$3.13 | \$2.94 | \$3.03 |
| 2024 | Ice cream and frozen desserts..... | - | 120.20 | 119.70 | 111.84 | 119.07 | - | 3.02 | 3.00 | 2.89 | 2.94 |
| 2026 | Fluid milk..... | - | 138.53 | 136.95 | 129.25 | 134.20 | - | 3.33 | 3.30 | 3.07 | 3.18 |
| 203 | Canned, cured, and frozen foods..... | - | 98.81 | 98.30 | 93.84 | 98.25 | - | 2.58 | 2.54 | 2.45 | 2.50 |
| 2031,6 | Canned, cured, and frozen sea foods..... | - | 79.69 | 86.58 | 73.13 | 82.90 | - | 2.29 | 2.34 | 2.17 | 2.29 |
| 2032,3 | Canned food, except sea foods..... | - | 106.31 | 103.60 | 100.88 | 104.12 | - | 2.74 | 2.67 | 2.58 | 2.59 |
| 2037 | Frozen fruits and vegetables..... | - | 94.01 | 93.14 | 89.72 | 92.43 | - | 2.38 | 2.37 | 2.26 | 2.34 |
| 204 | Grain mill products..... | 141.38 | 143.42 | 145.15 | 138.31 | 138.91 | 3.17 | 3.18 | 3.19 | 3.06 | 3.08 |
| 2041 | Flour and other grain mill products..... | - | 150.05 | 154.39 | 138.78 | 144.29 | - | 3.22 | 3.23 | 3.05 | 3.13 |
| 2042 | Prepared feeds for animals and fowls..... | - | 128.42 | 128.42 | 128.71 | 124.85 | - | 2.81 | 2.81 | 2.78 | 2.72 |
| 205 | Bakery products..... | 122.53 | 120.12 | 123.38 | 113.87 | 120.00 | 3.11 | 3.08 | 3.10 | 2.89 | 3.00 |
| 2051 | Bread, cake, and related products..... | - | 120.98 | 122.62 | 114.65 | 120.90 | - | 3.11 | 3.12 | 2.91 | 3.03 |
| 2052 | Cookies and crackers..... | - | 117.51 | 124.31 | 111.67 | 116.35 | - | 2.99 | 3.01 | 2.82 | 2.88 |
| 206 | Sugar..... | - | 124.66 | 124.56 | 113.39 | 123.02 | - | 2.94 | 2.89 | 2.90 | 3.03 |
| 207 | Confectionery and related products..... | 105.30 | 103.33 | 104.54 | 96.89 | 101.14 | 2.70 | 2.67 | 2.64 | 2.51 | 2.58 |
| 2071 | Confectionery products..... | - | 99.84 | 100.23 | 92.58 | 97.00 | - | 2.60 | 2.57 | 2.43 | 2.50 |
| 208 | Beverages..... | 135.06 | 135.10 | 139.60 | 127.71 | 136.40 | 3.49 | 3.50 | 3.49 | 3.30 | 3.41 |
| 2082 | Malt liquors..... | - | 179.69 | 184.99 | 168.30 | 183.37 | - | 4.47 | 4.49 | 4.25 | 4.44 |
| 2086 | Bottled and canned soft drinks..... | - | 100.20 | 103.88 | 97.89 | 103.08 | - | 2.63 | 2.65 | 2.51 | 2.59 |
| 209 | Misc. foods and kindred products..... | 127.02 | 124.98 | 124.79 | 117.31 | 120.64 | 3.01 | 2.99 | 2.95 | 2.82 | 2.90 |
| 21 | TOBACCO MANUFACTURES | 104.10 | 106.76 | 99.26 | 93.03 | 98.74 | 2.86 | 2.87 | 2.69 | 2.57 | 2.64 |
| 211 | Cigarettes..... | - | 130.85 | 121.23 | 110.45 | 118.72 | - | 3.48 | 3.25 | 3.12 | 3.20 |
| 212 | Cigars..... | - | 81.31 | 78.79 | 74.50 | 77.42 | - | 2.18 | 2.09 | 2.03 | 2.07 |
| 22 | TEXTILE MILL PRODUCTS | 96.80 | 97.04 | 99.95 | 92.11 | 95.47 | 2.42 | 2.42 | 2.42 | 2.28 | 2.34 |
| 221 | Weaving mills, cotton..... | 98.74 | 99.70 | 101.64 | 91.30 | 96.17 | 2.42 | 2.42 | 2.42 | 2.26 | 2.34 |
| 222 | Weaving mills, synthetics..... | (*) | 100.70 | 104.73 | 99.96 | 102.48 | (*) | 2.45 | 2.47 | 2.33 | 2.40 |
| 223 | Weaving and finishing mills, wool..... | 102.92 | 102.67 | 104.48 | 100.30 | 101.22 | 2.48 | 2.48 | 2.47 | 2.36 | 2.41 |
| 224 | Narrow fabric mills..... | 97.36 | 96.71 | 98.09 | 91.30 | 94.19 | 2.44 | 2.43 | 2.41 | 2.26 | 2.32 |
| 225 | Knitting mills..... | (*) | 86.91 | 88.47 | 82.28 | 86.56 | (*) | 2.33 | 2.31 | 2.20 | 2.26 |
| 2251 | Women's hosiery, except socks..... | - | 83.62 | 86.18 | 82.94 | 86.02 | - | 2.31 | 2.28 | 2.20 | 2.24 |
| 2252 | Hosiery, n e c..... | - | 76.47 | 79.71 | 72.56 | 76.43 | - | 2.13 | 2.12 | 2.01 | 2.06 |
| 2253 | Knit outerwear mills..... | - | 89.42 | 90.27 | 83.49 | 87.32 | - | 2.43 | 2.42 | 2.30 | 2.36 |
| 2254 | Knit underwear mills..... | - | 77.40 | 80.04 | 75.89 | 78.58 | - | 2.15 | 2.14 | 2.04 | 2.09 |
| 226 | Textile finishing, except wool..... | 107.01 | 107.17 | 111.63 | 101.50 | 105.50 | 2.56 | 2.57 | 2.59 | 2.44 | 2.50 |
| 227 | Floor covering mills..... | - | 105.08 | 110.12 | 97.90 | 104.06 | - | 2.52 | 2.52 | 2.32 | 2.42 |
| 228 | Yarn and thread mills..... | 90.17 | 90.17 | 93.79 | 87.95 | 89.57 | 2.26 | 2.26 | 2.26 | 2.14 | 2.19 |
| 229 | Miscellaneous textile goods..... | 106.37 | 107.94 | 112.36 | 105.50 | 108.62 | 2.62 | 2.62 | 2.65 | 2.50 | 2.58 |
| 23 | APPAREL AND OTHER TEXTILE PRODUCTS | 83.90 | 83.07 | 84.37 | 81.40 | 82.93 | 2.37 | 2.36 | 2.35 | 2.28 | 2.31 |
| 231 | Men's and boys' suits and coats..... | (*) | 104.60 | 106.78 | 102.87 | 104.15 | (*) | 2.85 | 2.84 | 2.70 | 2.77 |
| 232 | Men's and boys' furnishings..... | 75.71 | 74.73 | 76.80 | 71.48 | 73.60 | 2.08 | 2.07 | 2.07 | 1.98 | 2.00 |
| 2321 | Men's and boys' shirts and nightwear..... | - | 74.16 | 76.84 | 69.03 | 72.10 | - | 2.06 | 2.06 | 1.95 | 1.97 |
| 2327 | Men's and boys' separate trousers..... | - | 74.93 | 76.38 | 72.50 | 74.00 | - | 2.07 | 2.07 | 1.97 | 2.00 |
| 2328 | Men's and boys' work clothing..... | - | 72.24 | 73.66 | 71.37 | 72.15 | - | 1.99 | 1.98 | 1.95 | 1.95 |
| 233 | Women's and misses' outerwear..... | 86.96 | 84.09 | 83.17 | 82.62 | 83.98 | 2.55 | 2.51 | 2.49 | 2.43 | 2.47 |
| 2331 | Women's and misses' blouses and waists..... | - | 76.61 | 76.94 | 71.95 | 75.30 | - | 2.24 | 2.23 | 2.11 | 2.17 |
| 2335 | Women's and misses' dresses..... | - | 84.11 | 82.18 | 83.33 | 84.74 | - | 2.58 | 2.56 | 2.51 | 2.56 |
| 2337 | Women's and misses' suits and coats..... | - | 93.48 | 93.39 | 92.85 | 93.47 | - | 2.85 | 2.83 | 2.78 | 2.79 |
| 2339 | Women's and misses' outerwear, n e c..... | - | 79.12 | 79.13 | 77.17 | 77.40 | - | 2.21 | 2.18 | 2.12 | 2.15 |
| 234 | Women's and children's undergarments..... | 77.11 | 74.82 | 76.68 | 73.34 | 76.38 | 2.16 | 2.15 | 2.13 | 2.06 | 2.11 |
| 2341 | Women's and children's underwear..... | - | 72.73 | 75.09 | 71.76 | 74.62 | - | 2.09 | 2.08 | 2.01 | 2.05 |
| 2342 | Corsets and allied garments..... | - | 79.34 | 79.97 | 77.17 | 79.17 | - | 2.28 | 2.24 | 2.18 | 2.23 |
| 235 | Hats, caps, and millinery..... | - | 81.00 | 80.59 | 77.19 | 78.12 | - | 2.25 | 2.22 | 2.15 | 2.17 |
| 236 | Children's outerwear..... | (*) | 77.31 | 76.82 | 74.26 | 75.62 | (*) | 2.19 | 2.17 | 2.08 | 2.13 |
| 2361 | Children's dresses and blouses..... | - | 76.54 | 74.55 | 72.72 | 74.13 | - | 2.15 | 2.13 | 2.06 | 2.10 |
| 237,8 | Fur goods and miscellaneous apparel..... | - | 87.44 | 90.22 | 81.98 | 86.86 | - | 2.47 | 2.52 | 2.39 | 2.44 |
| 239 | Misc. fabricated textile products..... | (*) | 90.16 | 94.46 | 92.48 | 91.58 | (*) | 2.45 | 2.46 | 2.44 | 2.41 |
| 2391,2 | Housefurnishings..... | - | 77.65 | 83.53 | 74.80 | 78.49 | - | 2.11 | 2.12 | 2.00 | 2.06 |
| 26 | PAPER AND ALLIED PRODUCTS | 141.37 | 141.95 | 143.86 | 135.14 | 139.32 | 3.35 | 3.34 | 3.33 | 3.15 | 3.24 |
| 261,2,6 | Paper and pulp mills..... | 163.84 | 164.05 | 165.60 | 156.25 | 160.38 | 3.69 | 3.67 | 3.68 | 3.48 | 3.58 |
| 263 | Paperboard mills..... | 166.80 | 169.34 | 169.34 | 159.20 | 163.53 | 3.74 | 3.73 | 3.73 | 3.53 | 3.61 |
| 264 | Misc. converted paper products..... | 124.75 | 123.73 | 126.96 | 118.40 | 121.01 | 3.05 | 3.04 | 3.03 | 2.86 | 2.93 |
| 2643 | Bags, except textile bags..... | - | 118.61 | 123.09 | 112.06 | 114.95 | - | 2.90 | 2.91 | 2.72 | 2.79 |
| 265 | Paperboard containers and boxes..... | (*) | 125.87 | 128.63 | 119.65 | 124.27 | (*) | 3.07 | 3.07 | 2.89 | 2.98 |
| 2651,2 | Folding and setup paperboard boxes..... | - | 117.09 | 121.22 | 104.94 | 113.15 | - | 2.92 | 2.90 | 2.65 | 2.78 |
| 2653 | Corrugated and solid fiber boxes..... | - | 132.16 | 134.18 | 131.40 | 133.88 | - | 3.20 | 3.21 | 3.07 | 3.15 |
| 2654 | Sanitary food containers..... | - | 125.40 | 126.24 | 117.58 | 122.47 | - | 3.00 | 3.02 | 2.84 | 2.93 |

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

ESTABLISHMENT DATA HOURS AND EARNINGS

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

| SIC Code | Industry | Average weekly hours | | | | | Average overtime hours | | | | |
|----------|--|----------------------|-----------|-----------|-----------|-----------|------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| | <i>Nondurable Goods--Continued</i> | | | | | | | | | | |
| | FOOD AND KINDRED PRODUCTS--Continued | | | | | | | | | | |
| 202 | Dairy products | 41.4 | 41.3 | 41.4 | 41.5 | 41.8 | - | 3.7 | 3.8 | 3.9 | 4.1 |
| 2024 | Ice cream and frozen desserts..... | - | 39.8 | 39.9 | 38.7 | 40.5 | - | - | - | - | - |
| 2026 | Fluid milk..... | - | 41.6 | 41.5 | 42.1 | 42.2 | - | - | - | - | - |
| 203 | Canned, cured, and frozen foods..... | - | 38.3 | 38.7 | 38.3 | 39.3 | - | 3.2 | 2.9 | 3.1 | 3.5 |
| 2031,6 | Canned, cured and frozen sea foods | - | 34.8 | 37.0 | 33.7 | 36.2 | - | - | - | - | - |
| 2032,3 | Canned food, except sea foods..... | - | 38.8 | 38.8 | 39.1 | 40.2 | - | - | - | - | - |
| 2037 | Frozen fruits and vegetables..... | - | 39.5 | 39.3 | 39.7 | 39.5 | - | - | - | - | - |
| 204 | Grain mill products..... | 44.6 | 45.1 | 45.5 | 45.2 | 45.1 | - | 7.2 | 7.5 | 7.2 | 7.1 |
| 2041 | Flour and other grain mill product | - | 46.6 | 47.8 | 45.5 | 46.1 | - | - | - | - | - |
| 2042 | Prepared feeds for animals and fowls | - | 45.7 | 45.7 | 46.3 | 45.9 | - | - | - | - | - |
| 205 | Bakery products..... | 3.94 | 39.0 | 39.8 | 39.4 | 40.0 | - | 3.2 | 3.8 | 3.2 | 3.8 |
| 2051 | Bread, cake, and related products | - | 38.9 | 39.3 | 39.4 | 39.9 | - | - | - | - | - |
| 2052 | Cookies and crackers..... | - | 39.3 | 41.3 | 39.6 | 40.4 | - | - | - | - | - |
| 206 | Sugar..... | - | 42.4 | 43.1 | 39.1 | 40.6 | - | 4.4 | 3.6 | 3.4 | 3.6 |
| 207 | Confectionery and related products | 39.0 | 38.7 | 39.6 | 38.6 | 39.2 | - | 2.2 | 2.8 | 2.4 | 2.6 |
| 2071 | Confectionery products..... | - | 38.4 | 39.0 | 38.1 | 38.8 | - | - | - | - | - |
| 208 | Beverages..... | 38.7 | 38.6 | 40.0 | 38.7 | 40.0 | - | 2.6 | 3.1 | 2.7 | 3.5 |
| 2082 | Malt liquors..... | - | 40.2 | 41.2 | 39.6 | 41.3 | - | - | - | - | - |
| 2086 | Bottled and canned soft drinks..... | - | 38.1 | 39.2 | 39.0 | 39.8 | - | - | - | - | - |
| 209 | Misc. foods and kindred products..... | 42.2 | 41.8 | 42.3 | 41.6 | 41.6 | - | 5.1 | 4.8 | 4.7 | 4.8 |
| 21 | TOBACCO MANUFACTURES | 36.4 | 37.2 | 36.9 | 36.2 | 37.4 | - | 1.5 | 1.2 | .8 | 1.4 |
| 211 | Cigarettes..... | - | 37.6 | 37.3 | 35.4 | 37.1 | - | 1.8 | .8 | .6 | 1.3 |
| 212 | Cigars..... | - | 37.3 | 37.7 | 36.7 | 37.4 | - | 1.0 | 1.7 | .8 | 1.3 |
| 22 | TEXTILE MILL PRODUCTS | 40.0 | 40.1 | 41.3 | 40.4 | 40.8 | - | 3.5 | 4.0 | 3.9 | 3.9 |
| 221 | Weaving mills, cotton..... | 40.8 | 41.2 | 42.0 | 40.4 | 41.1 | - | 4.2 | 4.6 | 3.9 | 4.1 |
| 222 | Weaving mills, synthetics..... | (*) | 41.1 | 42.4 | 42.9 | 42.7 | - | 3.6 | 4.5 | 5.4 | 4.8 |
| 223 | Weaving and finishing mills, wool..... | 41.5 | 41.4 | 42.3 | 42.5 | 42.0 | - | 3.9 | 4.2 | 4.8 | 4.5 |
| 224 | Narrow fabric mills..... | 39.9 | 39.8 | 40.7 | 40.4 | 40.6 | - | 3.0 | 3.4 | 3.1 | 3.3 |
| 225 | Knitting mills..... | (*) | 37.3 | 38.3 | 37.4 | 38.3 | - | 2.2 | 2.4 | 2.3 | 2.6 |
| 2251 | Women's hosiery, except socks..... | - | 36.2 | 37.8 | 37.7 | 38.4 | - | - | - | - | - |
| 2252 | Hosiery, n e c..... | - | 35.9 | 37.6 | 36.1 | 37.1 | - | - | - | - | - |
| 2253 | Knit underwear mills..... | - | 36.8 | 37.3 | 36.3 | 37.0 | - | - | - | - | - |
| 2254 | Knit underwear mills..... | - | 36.0 | 37.4 | 37.2 | 37.6 | - | - | - | - | - |
| 226 | Textile finishing, except wool..... | 41.8 | 41.7 | 43.1 | 41.6 | 42.2 | - | 4.3 | 5.5 | 5.0 | 5.1 |
| 227 | Floor covering mills..... | - | 41.7 | 43.7 | 42.2 | 43.0 | - | 4.0 | 5.2 | 5.1 | 5.2 |
| 228 | Yarn and thread mills..... | 39.9 | 39.9 | 41.5 | 41.1 | 40.9 | - | 3.5 | 4.1 | 4.2 | 3.9 |
| 229 | Miscellaneous textile goods..... | 40.6 | 41.2 | 42.4 | 42.2 | 42.1 | - | 3.9 | 4.5 | 4.4 | 4.6 |
| 23 | APPAREL AND OTHER TEXTILE PRODUCTS | 35.4 | 35.2 | 35.9 | 35.7 | 35.9 | - | 1.1 | 1.3 | 1.3 | 1.3 |
| 231 | Men's and boys' suits and coats..... | (*) | 36.7 | 37.6 | 38.1 | 37.6 | - | 1.2 | 1.4 | 1.9 | 1.5 |
| 232 | Men's and boys' furnishings..... | 36.4 | 36.1 | 37.1 | 36.1 | 36.8 | - | 1.1 | 1.2 | 1.0 | 1.2 |
| 2321 | Men's and boys' shirts and nightwear | - | 36.0 | 37.3 | 35.4 | 36.6 | - | - | - | - | - |
| 2327 | Men's and boys' separate trousers..... | - | 36.2 | 36.9 | 36.8 | 37.0 | - | - | - | - | - |
| 2328 | Men's and boys' work clothing..... | - | 36.3 | 37.2 | 36.6 | 37.0 | - | - | - | - | - |
| 233 | Women's and misses' outerwear..... | 34.1 | 33.5 | 33.4 | 34.0 | 34.0 | - | 1.2 | 1.2 | 1.2 | 1.2 |
| 2331 | Women's and misses' blouses and waists | - | 34.2 | 34.5 | 34.1 | 34.7 | - | - | - | - | - |
| 2335 | Women's and misses' dresses..... | - | 32.6 | 32.1 | 33.2 | 33.1 | - | - | - | - | - |
| 2337 | Women's and misses' suits and coats..... | - | 32.8 | 33.0 | 33.4 | 33.5 | - | - | - | - | - |
| 2339 | Women's and misses' outerwear, n e c..... | - | 35.8 | 36.3 | 36.4 | 36.0 | - | - | - | - | - |
| 234 | Women's and children's undergarments | 35.7 | 34.8 | 36.0 | 35.6 | 36.2 | - | .7 | 1.1 | 1.0 | 1.2 |
| 2341 | Women's and children's underwear..... | - | 34.8 | 36.1 | 35.7 | 36.4 | - | - | - | - | - |
| 2342 | Corsets and allied garments..... | - | 34.8 | 35.7 | 35.4 | 35.5 | - | - | - | - | - |
| 235 | Hats, caps, and millinery..... | - | 36.0 | 36.3 | 35.9 | 36.0 | - | 1.2 | 1.0 | 1.3 | 1.3 |
| 236 | Children's outerwear..... | (*) | 35.3 | 35.4 | 35.7 | 35.5 | - | 1.1 | 1.1 | 1.3 | 1.2 |
| 2361 | Children's dresses and blouses..... | - | 35.6 | 35.0 | 35.3 | 35.3 | - | - | - | - | - |
| 237,8 | Fur goods and miscellaneous apparel..... | - | 35.4 | 35.8 | 34.3 | 35.6 | - | 1.0 | 1.2 | .9 | 1.1 |
| 239 | Misc. fabricated textile products..... | (*) | 36.8 | 38.4 | 37.9 | 38.0 | - | 1.4 | 2.0 | 2.1 | 2.0 |
| 2391,2 | Housefurnishings..... | - | 36.8 | 39.4 | 37.4 | 38.1 | - | - | - | - | - |
| 26 | PAPER AND ALLIED PRODUCTS | 42.2 | 42.5 | 43.2 | 42.9 | 43.0 | - | 5.3 | 5.3 | 5.6 | 5.5 |
| 261,2,6 | Paper and pulp mills..... | 44.4 | 44.7 | 45.0 | 44.9 | 44.8 | - | 6.8 | 6.5 | 7.0 | 6.7 |
| 263 | Paperboard mills..... | 44.6 | 45.4 | 45.4 | 45.1 | 45.3 | - | 8.2 | 7.5 | 8.2 | 7.8 |
| 264 | Misc. converted paper products..... | 40.9 | 40.7 | 41.9 | 41.4 | 41.3 | - | 3.7 | 4.1 | 4.2 | 4.0 |
| 2643 | Bags, except textile bags..... | - | 40.9 | 42.3 | 41.2 | 41.2 | - | - | - | - | - |
| 265 | Paperboard containers and boxes..... | (*) | 41.0 | 41.9 | 41.4 | 41.7 | - | 4.1 | 4.4 | 4.5 | 4.6 |
| 2651,2 | Folding and setup paperboard boxes | - | 40.1 | 41.8 | 39.6 | 40.7 | - | - | - | - | - |
| 2653 | Corrugated and solid fiber boxes..... | - | 41.3 | 41.8 | 42.8 | 42.5 | - | - | - | - | - |
| 2654 | Sanitary food containers..... | - | 41.8 | 41.8 | 41.4 | 41.8 | - | - | - | - | - |

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

| SIC Code | Industry | Average weekly earnings | | | | | Average hourly earnings | | | | |
|-------------|--|-------------------------|-----------|-----------|-----------|-----------|-------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| | <i>Nondurable Goods--Continued</i> | | | | | | | | | | |
| 27 | PRINTING AND PUBLISHING | \$ 143.26 | \$ 143.64 | \$ 148.59 | \$ 136.06 | \$ 141.33 | \$ 3.81 | \$ 3.80 | \$ 3.81 | \$ 3.59 | \$ 3.69 |
| 271 | Newspapers..... | 145.02 | 144.61 | 153.50 | 137.28 | 145.08 | 4.12 | 4.12 | 4.16 | 3.90 | 4.03 |
| 272 | Periodicals..... | - | 166.46 | 168.45 | 154.13 | 161.87 | - | 4.11 | 4.03 | 3.75 | 3.91 |
| 273 | Books..... | - | 129.45 | 133.06 | 123.64 | 130.33 | - | 3.38 | 3.36 | 3.13 | 3.25 |
| 275 | Commercial printing | 148.61 | 148.60 | 153.20 | 140.04 | 145.43 | 3.84 | 3.83 | 3.83 | 3.60 | 3.71 |
| 2751 | Commercial printing, ex. lithographic | - | 144.35 | 148.03 | 136.61 | 141.18 | - | 3.73 | 3.71 | 3.53 | 3.62 |
| 2752 | Commercial printing, lithographic... | - | 155.22 | 161.60 | 145.41 | 152.85 | - | 3.98 | 4.01 | 3.70 | 3.85 |
| 278 | Blankbooks and bookbinding | 107.30 | 108.17 | 110.78 | 104.81 | 107.64 | 2.90 | 2.90 | 2.90 | 2.78 | 2.84 |
| 274,6,7,9 | Other publishing & printing ind..... | (*) | 147.44 | 148.93 | 138.99 | 141.64 | (*) | 3.80 | 3.78 | 3.61 | 3.66 |
| 28 | CHEMICALS AND ALLIED PRODUCTS ... | 150.18 | 150.12 | 149.94 | 140.19 | 145.05 | 3.61 | 3.60 | 3.57 | 3.37 | 3.47 |
| 281 | Industrial chemicals | (*) | 168.30 | 169.06 | 157.03 | 162.39 | (*) | 3.96 | 3.95 | 3.73 | 3.83 |
| 2812 | Alkalies and chlorine | - | 169.12 | 181.48 | 165.02 | 167.23 | - | 3.97 | 4.06 | 3.82 | 3.88 |
| 2818 | Industrial organic chemicals, n e c.. | - | 180.18 | 175.96 | 166.21 | 171.70 | - | 4.20 | 4.15 | 3.92 | 4.04 |
| 2819 | Industrial inorganic chemicals, n e c.. | - | 158.88 | 159.18 | 147.60 | 153.50 | - | 3.81 | 3.79 | 3.60 | 3.69 |
| 282 | Plastics materials and synthetics | (*) | 148.19 | 147.55 | 138.27 | 143.90 | (*) | 3.52 | 3.48 | 3.30 | 3.41 |
| 2821 | Plastics materials and resins | - | 158.53 | 162.06 | 147.98 | 155.52 | - | 3.73 | 3.70 | 3.49 | 3.60 |
| 2823,4 | Synthetic fibers | - | 136.36 | 132.99 | 127.93 | 130.92 | - | 3.27 | 3.22 | 3.09 | 3.17 |
| 283 | Drugs..... | 139.94 | 140.63 | 142.00 | 131.24 | 134.89 | 3.43 | 3.43 | 3.43 | 3.17 | 3.29 |
| 2834 | Pharmaceutical preparations | - | 135.68 | 137.35 | 125.66 | 130.41 | - | 3.35 | 3.35 | 3.08 | 3.22 |
| 284 | Soap, cleaners, and toilet goods | 148.93 | 147.85 | 144.96 | 136.45 | 139.06 | 3.58 | 3.58 | 3.51 | 3.32 | 3.40 |
| 2841 | Soap and other detergents..... | - | 186.95 | 185.29 | 173.38 | 178.51 | - | 4.43 | 4.37 | 4.07 | 4.22 |
| 2844 | Toilet preparations | - | 122.48 | 119.14 | 109.73 | 112.35 | - | 2.98 | 2.92 | 2.75 | 2.83 |
| 285 | Paints and allied products | (*) | 134.46 | 136.42 | 130.24 | 134.48 | (*) | 3.37 | 3.36 | 3.20 | 3.28 |
| 287 | Agricultural chemicals | 128.35 | 125.14 | 127.14 | 117.32 | 122.26 | 3.02 | 3.03 | 3.02 | 2.78 | 2.87 |
| 2871,2 | Fertilizers, complete & mixing only.. | - | 118.69 | 122.11 | 110.99 | 116.14 | - | 2.86 | 2.88 | 2.63 | 2.72 |
| 286,9 | Other chemical products..... | 138.79 | 141.66 | 141.93 | 132.43 | 136.78 | 3.41 | 3.43 | 3.42 | 3.23 | 3.32 |
| 2892 | Explosives | - | 144.32 | 145.80 | 133.80 | 139.78 | - | 3.59 | 3.60 | 3.32 | 3.46 |
| 29 | PETROLEUM AND COAL PRODUCTS | 171.75 | 175.98 | 170.97 | 152.40 | 170.83 | 4.22 | 4.21 | 4.10 | 3.69 | 4.01 |
| 291 | Petroleum refining..... | 179.74 | 185.17 | 177.18 | 163.19 | 178.08 | 4.46 | 4.43 | 4.29 | 3.99 | 4.23 |
| 295,9 | Other petroleum and coal products ... | 144.16 | 142.54 | 148.43 | 131.77 | 147.19 | 3.40 | 3.41 | 3.46 | 3.13 | 3.33 |
| 30 | RUBBER AND PLASTICS PRODUCTS, N E C | 128.52 | 128.21 | 130.31 | 124.73 | 126.18 | 3.15 | 3.15 | 3.14 | 3.02 | 3.07 |
| 301 | Tires and inner tubes | 187.71 | 188.28 | 193.43 | 190.61 | 188.19 | 4.19 | 4.25 | 4.27 | 4.18 | 4.21 |
| 302,3,6 | Other rubber products | (*) | 122.40 | 124.44 | 119.48 | 120.80 | (*) | 3.06 | 3.05 | 2.95 | 2.99 |
| 302 | Rubber footwear | - | 103.18 | 107.17 | 104.27 | 103.98 | - | 2.68 | 2.72 | 2.66 | 2.68 |
| 307 | Miscellaneous plastics products..... | 109.85 | 109.45 | 110.16 | 104.52 | 107.20 | 2.76 | 2.75 | 2.72 | 2.60 | 2.66 |
| 31 | LEATHER AND LEATHER PRODUCTS ... | 91.64 | 92.61 | 93.45 | 87.46 | 87.79 | 2.47 | 2.45 | 2.44 | 2.32 | 2.36 |
| 311 | Leather tanning and finishing | 123.11 | 119.47 | 121.81 | 114.29 | 116.91 | 3.07 | 3.04 | 3.03 | 2.85 | 2.93 |
| 314 | Footwear, except rubber..... | 89.89 | 91.82 | 92.02 | 85.58 | 85.24 | 2.41 | 2.41 | 2.39 | 2.27 | 2.31 |
| 312,3,5,7,8 | Other leather products | (*) | 85.31 | 88.16 | 82.80 | 85.24 | (*) | 2.35 | 2.37 | 2.25 | 2.31 |
| 316 | Luggage | - | 83.28 | 90.75 | 84.58 | 87.45 | - | 2.40 | 2.50 | 2.33 | 2.37 |
| 317 | Handbags and personal leather goods.. | - | 81.81 | 84.13 | 80.01 | 82.21 | - | 2.26 | 2.28 | 2.18 | 2.24 |
| - | TRANSPORTATION AND PUBLIC UTILITIES: | | | | | | | | | | |
| | RAILROAD TRANSPORTATION: | | | | | | | | | | |
| 4011 | Class 1 railroads ² | | (*) | (*) | 160.03 | (*) | (*) | (*) | 3.58 | (*) | |
| | LOCAL AND INTERURBAN PASSENGER TRANSIT: | | | | | | | | | | |
| 411 | Local and suburban transportation | - | 138.44 | 138.65 | 126.79 | 134.51 | - | 3.32 | 3.27 | 3.07 | 3.18 |
| 413 | Intercity highway transportation | - | 159.15 | 160.75 | 155.01 | 161.85 | - | 3.92 | 3.94 | 3.79 | 3.90 |
| 42 | TRUCKING AND WAREHOUSING | - | 151.20 | 155.40 | 143.79 | 151.73 | - | 3.67 | 3.70 | 3.49 | 3.63 |
| 421,3 | Trucking and trucking terminals..... | - | 154.42 | 158.67 | 146.91 | 154.56 | - | 3.73 | 3.76 | 3.54 | 3.68 |
| 422 | Public warehousing | - | 114.95 | 114.86 | 103.63 | 110.58 | - | 2.91 | 2.93 | 2.72 | 2.85 |
| 46 | PIPE LINE TRANSPORTATION | - | 189.48 | 177.16 | 167.69 | 175.94 | - | 4.49 | 4.30 | 4.11 | 4.26 |
| 48 | COMMUNICATION | - | 131.14 | 132.87 | 128.55 | 131.93 | - | 3.32 | 3.33 | 3.23 | 3.29 |
| 481 | Telephone communication | - | 127.59 | 130.40 | 126.80 | 130.17 | - | 3.23 | 3.26 | 3.17 | 3.23 |
| 4817 | Switchboard operating employees ³ ... | - | 92.49 | 94.43 | 91.07 | 95.30 | - | 2.62 | 2.66 | 2.58 | 2.64 |
| 4818 | Line construction employees ⁴ | - | 180.00 | 187.52 | 177.84 | 184.34 | - | 4.00 | 4.05 | 3.90 | 3.99 |
| 482 | Telegraph communication ⁵ | - | 147.77 | 147.14 | 139.68 | 145.09 | - | 3.51 | 3.52 | 3.31 | 3.43 |
| 483 | Radio and television broadcasting | - | 152.09 | 149.77 | 138.73 | 142.11 | - | 3.93 | 3.85 | 3.67 | 3.73 |

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

| SIC Code | Industry | Average weekly hours | | | | | Average overtime hours | | | | |
|--|---|----------------------|-----------|-----------|-----------|-----------|------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| <i>Nondurable Goods--Continued</i> | | | | | | | | | | | |
| 27 | PRINTING AND PUBLISHING | 37.6 | 37.8 | 39.0 | 37.9 | 38.3 | - | 2.9 | 3.7 | 3.1 | 3.4 |
| 271 | Newspapers..... | 35.2 | 35.1 | 36.9 | 35.2 | 36.0 | - | 2.1 | 3.4 | 2.2 | 2.8 |
| 272 | Periodicals..... | - | 40.5 | 41.8 | 41.1 | 41.4 | - | 4.5 | 5.2 | 4.5 | 5.1 |
| 273 | Books..... | - | 38.3 | 39.6 | 39.5 | 40.1 | - | 2.4 | 3.2 | 3.1 | 3.5 |
| 275 | Commercial printing | 38.7 | 38.8 | 40.0 | 38.9 | 39.2 | - | 3.3 | 4.1 | 3.6 | 3.8 |
| 2751 | Commercial printing, ex. lithographic | - | 38.7 | 39.9 | 38.7 | 39.0 | - | - | - | - | - |
| 2752 | Commercial printing, lithographic... | - | 39.0 | 40.3 | 39.3 | 39.7 | - | - | - | - | - |
| 278 | Blankbooks and bookbinding | 37.0 | 37.3 | 38.2 | 37.7 | 37.9 | - | 2.0 | 2.3 | 2.3 | 2.4 |
| 274,6,7,9 | Other publishing & printing ind..... | (*) | 38.8 | 39.4 | 38.5 | 38.7 | - | 3.4 | 3.8 | 3.1 | 3.2 |
| 28 | CHEMICALS AND ALLIED PRODUCTS ... | 41.6 | 41.7 | 42.0 | 41.6 | 41.8 | - | 3.4 | 3.3 | 3.4 | 3.4 |
| 281 | Industrial chemicals | (*) | 42.5 | 42.8 | 42.1 | 42.4 | - | 4.0 | 3.7 | 3.9 | 3.8 |
| 2812 | Alkalies and chlorine | - | 42.6 | 44.7 | 43.2 | 43.1 | - | - | - | - | - |
| 2818 | Industrial organic chemicals, n e c .. | - | 42.9 | 42.4 | 42.4 | 42.5 | - | - | - | - | - |
| 2819 | Industrial inorganic chemicals, n e c .. | - | 41.7 | 42.0 | 41.0 | 41.6 | - | - | - | - | - |
| 282 | Plastics materials and synthetics..... | (*) | 42.1 | 42.4 | 41.9 | 42.2 | - | 3.3 | 2.9 | 3.1 | 3.2 |
| 2821 | Plastics materials and resins | - | 42.5 | 43.8 | 42.4 | 43.2 | - | - | - | - | - |
| 2823,4 | Synthetic fibers | - | 41.7 | 41.3 | 41.4 | 41.3 | - | - | - | - | - |
| 283 | Drugs..... | 40.8 | 41.0 | 41.4 | 41.4 | 41.0 | - | 3.0 | 3.3 | 3.7 | 3.1 |
| 2834 | Pharmaceutical preparations | - | 40.5 | 41.0 | 40.8 | 40.5 | - | - | - | - | - |
| 284 | Soap, cleaners, and toilet goods..... | 41.6 | 41.3 | 41.3 | 41.1 | 40.9 | - | 3.3 | 3.5 | 3.0 | 3.1 |
| 2841 | Soap and other detergents..... | - | 42.2 | 42.4 | 42.6 | 42.3 | - | - | - | - | - |
| 2844 | Toilet preparations | - | 41.1 | 40.8 | 39.9 | 39.7 | - | - | - | - | - |
| 285 | Paints and allied products..... | (*) | 39.9 | 40.6 | 40.7 | 41.0 | - | 2.3 | 2.4 | 2.7 | 3.0 |
| 287 | Agricultural chemicals | 42.5 | 41.3 | 42.1 | 42.2 | 42.6 | - | 4.0 | 4.0 | 4.1 | 4.8 |
| 2871,2 | Fertilizers, complete & mixing only .. | - | 41.5 | 42.4 | 42.2 | 42.7 | - | - | - | - | - |
| 286,9 | Other chemical products..... | 40.7 | 41.3 | 41.5 | 41.0 | 41.2 | - | 2.9 | 3.0 | 3.0 | 3.0 |
| 2892 | Explosives | - | 40.2 | 40.5 | 40.3 | 40.4 | - | - | - | - | - |
| 29 | PETROLEUM AND COAL PRODUCTS | 40.7 | 41.8 | 41.7 | 41.3 | 42.6 | - | 3.1 | 3.2 | 4.1 | 3.9 |
| 291 | Petroleum refining | 40.3 | 41.8 | 41.3 | 40.9 | 42.1 | - | 2.8 | 2.6 | 3.9 | 3.1 |
| 295,9 | Other petroleum and coal products | 42.4 | 41.8 | 42.9 | 42.1 | 44.2 | - | 4.2 | 5.3 | 4.6 | 6.6 |
| 30 | RUBBER AND PLASTICS PRODUCTS, N E C | 40.8 | 40.7 | 41.5 | 41.3 | 41.1 | - | 3.6 | 4.1 | 4.5 | 4.2 |
| 301 | Tires and inner tubes | 44.8 | 44.3 | 45.3 | 45.6 | 44.7 | - | 6.4 | 7.0 | 7.7 | 7.0 |
| 302,3,6 | Other rubber products | (*) | 40.0 | 40.8 | 40.5 | 40.4 | - | 2.7 | 3.2 | 3.6 | 3.3 |
| 302 | Rubber footwear | - | 38.5 | 39.4 | 39.2 | 38.8 | - | 1.6 | 2.4 | 2.5 | 2.3 |
| 307 | Miscellaneous plastics products..... | 39.8 | 39.8 | 40.5 | 40.2 | 40.3 | - | 3.2 | 3.5 | 3.9 | 3.7 |
| 31 | LEATHER AND LEATHER PRODUCTS ... | 37.1 | 37.8 | 38.3 | 37.7 | 37.2 | - | 1.9 | 2.1 | 1.9 | 1.8 |
| 311 | Leather tanning and finishing..... | 40.1 | 39.3 | 40.2 | 40.1 | 39.9 | - | 3.1 | 3.6 | 3.7 | 3.6 |
| 314 | Footwear, except rubber..... | 37.3 | 38.1 | 38.5 | 37.7 | 36.9 | - | 2.0 | 2.0 | 1.7 | 1.6 |
| 312,3,5-7,5 | Other leather products | (*) | 36.3 | 37.2 | 36.8 | 36.9 | - | 1.3 | 1.7 | 1.7 | 1.8 |
| 316 | Luggage | - | 34.7 | 36.3 | 36.3 | 36.9 | - | 1.1 | 1.6 | 1.5 | 2.0 |
| 317 | Handbags and personal leather goods.. | - | 36.2 | 36.9 | 36.7 | 36.7 | - | 1.3 | 1.6 | 1.8 | 1.7 |
| TRANSPORTATION AND PUBLIC UTILITIES: | | | | | | | | | | | |
| RAILROAD TRANSPORTATION: | | | | | | | | | | | |
| 4011 | Class I railroads ² | - | (*) | (*) | 44.7 | (*) | - | - | - | - | - |
| LOCAL AND INTERURBAN PASSENGER TRANSPORT: | | | | | | | | | | | |
| 411 | Local and suburban transportation | - | 41.7 | 42.4 | 41.3 | 42.3 | - | - | - | - | - |
| 413 | Intercity highway transportation | - | 40.6 | 40.8 | 40.9 | 41.5 | - | - | - | - | - |
| 42 | TRUCKING AND WAREHOUSING | - | 41.2 | 42.0 | 41.2 | 41.8 | - | - | - | - | - |
| 421,3 | Trucking and trucking terminals | - | 41.4 | 42.2 | 41.5 | 42.0 | - | - | - | - | - |
| 422 | Public warehousing | - | 39.5 | 39.2 | 38.1 | 38.8 | - | - | - | - | - |
| 46 | PIPE LINE TRANSPORTATION | - | 42.2 | 41.2 | 40.8 | 41.3 | - | - | - | - | - |
| 48 | COMMUNICATION | - | 39.5 | 39.9 | 39.8 | 40.1 | - | - | - | - | - |
| 481 | Telephone communication | - | 39.5 | 40.0 | 40.0 | 40.3 | - | - | - | - | - |
| 4817 | Switchboard operating employees ³ .. | - | 35.3 | 35.5 | 35.3 | 36.1 | - | - | - | - | - |
| 4818 | Line construction employees ⁴ | - | 45.0 | 46.3 | 45.6 | 46.2 | - | - | - | - | - |
| 482 | Telegraph communication ⁵ | - | 42.1 | 41.8 | 42.2 | 42.3 | - | - | - | - | - |
| 483 | Radio and television broadcasting | - | 38.7 | 38.9 | 37.8 | 38.1 | - | - | - | - | - |

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued

| SIC Code | Industry | Average weekly earnings | | | | | Average hourly earnings | | | | |
|----------|---|-------------------------|-----------|-----------|-----------|-----------|-------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| - | TRANSPORTATION AND PUBLIC UTILITIES--Continued | | | | | | | | | | |
| 49 | ELECTRIC, GAS, AND SANITARY SERVICES | | \$170.52 | \$166.82 | \$156.00 | \$161.02 | - | \$4.06 | \$4.01 | \$3.75 | \$3.88 |
| 491 | Electric companies and systems | | 173.03 | 167.65 | 159.36 | 165.11 | - | 4.11 | 4.03 | 3.84 | 3.95 |
| 492 | Gas companies and systems | | 155.91 | 150.55 | 143.79 | 146.06 | - | 3.73 | 3.69 | 3.49 | 3.58 |
| 493 | Combination companies and systems | | 185.62 | 186.15 | 168.42 | 175.98 | - | 4.43 | 4.38 | 4.01 | 4.21 |
| 494-7 | Water, steam, & sanitary systems | | (*) | 142.27 | 128.74 | 132.84 | - | (*) | 3.47 | 3.14 | 3.24 |
| - | WHOLESALE AND RETAIL TRADE..... | \$94.07 | 93.37 | 92.92 | 88.40 | 91.14 | \$2.68 | 2.66 | 2.61 | 2.49 | 2.56 |
| 50 | WHOLESALE TRADE | 136.28 | 135.47 | 135.60 | 124.80 | 129.85 | 3.39 | 3.37 | 3.34 | 3.12 | 3.23 |
| 501 | Motor vehicles & automotive equipment | - | 125.76 | 126.18 | 116.97 | 121.36 | - | 3.09 | 3.07 | 2.86 | 2.96 |
| 502 | Drugs, chemicals, and allied products | - | 136.50 | 137.02 | 128.12 | 131.38 | - | 3.50 | 3.46 | 3.26 | 3.36 |
| 503 | Dry goods and apparel | - | 123.75 | 123.33 | 118.44 | 121.02 | - | 3.30 | 3.28 | 3.15 | 3.21 |
| 504 | Groceries and related products | - | 124.03 | 124.95 | 117.49 | 121.20 | - | 3.14 | 3.07 | 2.93 | 3.00 |
| 506 | Electrical goods | - | 135.15 | 143.49 | 127.93 | 133.04 | - | 3.18 | 3.21 | 3.09 | 3.16 |
| 507 | Hardware; plumbing & heating equipment | - | 127.03 | 128.47 | 120.50 | 124.00 | - | 3.16 | 3.18 | 3.02 | 3.10 |
| 508 | Machinery, equipment, and supplies | - | 149.29 | 151.66 | 138.45 | 144.38 | - | 3.65 | 3.69 | 3.41 | 3.53 |
| 509 | Miscellaneous wholesalers | - | 138.45 | 136.17 | 123.72 | 129.96 | - | 3.47 | 3.43 | 3.14 | 3.29 |
| 52-59 | RETAIL TRADE..... | 80.16 | 79.73 | 79.79 | 76.16 | 78.66 | 2.40 | 2.38 | 2.34 | 2.24 | 2.30 |
| 53 | Retail general merchandise | - | 72.77 | 74.14 | 69.74 | 72.13 | - | 2.31 | 2.24 | 2.20 | 2.24 |
| 531 | Department stores | - | 75.64 | 75.91 | 73.48 | 75.68 | - | 2.44 | 2.35 | 2.34 | 2.38 |
| 532 | Mail order houses | - | 86.84 | 94.56 | 79.78 | 85.67 | - | 2.46 | 2.40 | 2.26 | 2.36 |
| 533 | Variety stores | - | 55.38 | 59.76 | 54.60 | 55.87 | - | 1.89 | 1.85 | 1.82 | 1.85 |
| 54 | Food stores | - | 83.58 | 83.40 | 78.97 | 82.55 | - | 2.62 | 2.59 | 2.46 | 2.54 |
| 541-3 | Grocery, meat, and vegetable stores | - | 85.39 | 84.69 | 79.93 | 84.11 | - | 2.66 | 2.63 | 2.49 | 2.58 |
| 56 | Apparel and accessory stores | - | 69.52 | 71.50 | 66.47 | 68.48 | - | 2.20 | 2.18 | 2.11 | 2.14 |
| 561 | Men's & boys' clothing & furnishings | - | 86.19 | 86.78 | 82.72 | 84.23 | - | 2.55 | 2.53 | 2.44 | 2.47 |
| 562 | Women's ready-to-wear stores | - | 61.71 | 64.84 | 60.37 | 62.09 | - | 2.03 | 2.02 | 1.96 | 1.99 |
| 565 | Family clothing stores | - | 67.47 | 68.68 | 63.36 | 65.40 | - | 2.02 | 2.02 | 1.98 | 2.00 |
| 566 | Shoe stores | - | 66.90 | 70.68 | 63.72 | 67.49 | - | 2.23 | 2.28 | 2.16 | 2.22 |
| 57 | Furniture and home furnishings stores | - | 106.80 | 110.17 | 101.25 | 103.97 | - | 2.91 | 2.93 | 2.70 | 2.78 |
| 571 | Furniture and home furnishings | - | 106.56 | 110.29 | 102.10 | 103.97 | - | 2.88 | 2.91 | 2.73 | 2.78 |
| 58 | Eating and drinking places ⁶ | - | 55.13 | 55.54 | 53.44 | 55.19 | - | 1.79 | 1.78 | 1.67 | 1.73 |
| 52,55,59 | Other retail trade | - | 99.15 | 99.44 | 94.98 | 98.05 | - | 2.63 | 2.61 | 2.48 | 2.56 |
| 52 | Building materials and farm equipment | - | 106.86 | 108.53 | 100.55 | 105.99 | - | 2.74 | 2.72 | 2.52 | 2.63 |
| 551,2 | Motor vehicle dealers | - | 126.27 | 128.11 | 121.54 | 127.92 | - | 3.11 | 3.14 | 2.95 | 3.12 |
| 553,9 | Other automotive & accessory dealers | - | 109.74 | 110.39 | 104.58 | 108.00 | - | 2.67 | 2.66 | 2.49 | 2.59 |
| 591 | Drug stores and proprietary stores | - | 72.05 | 74.00 | 68.05 | 71.06 | - | 2.28 | 2.27 | 2.12 | 2.20 |
| 594 | Book and stationery stores | - | 82.09 | 83.39 | 80.40 | 83.06 | - | 2.48 | 2.46 | 2.40 | 2.45 |
| 598 | Fuel and ice dealers | - | 125.08 | 121.64 | 128.04 | 119.52 | - | 2.95 | 2.91 | 2.93 | 2.88 |
| - | FINANCE, INSURANCE, AND REAL ESTATE⁷..... | 112.41 | 111.37 | 110.26 | 106.76 | 108.33 | 3.03 | 3.01 | 2.98 | 2.87 | 2.92 |
| 60 | Banking | - | 101.18 | 99.53 | 96.12 | 97.84 | - | 2.72 | 2.69 | 2.57 | 2.63 |
| 61 | Credit agencies other than banks | - | 103.40 | 101.35 | 97.66 | 99.53 | - | 2.75 | 2.71 | 2.57 | 2.64 |
| 612 | Savings and loan associations | - | 104.23 | 97.62 | 96.38 | 96.94 | - | 2.75 | 2.66 | 2.57 | 2.62 |
| 62 | Security, commodity brokers & services | - | 171.77 | 173.71 | 183.17 | 176.15 | - | 4.63 | 4.62 | 4.77 | 4.66 |
| 63 | Insurance carriers | - | 118.35 | 117.87 | 111.14 | 114.02 | - | 3.19 | 3.16 | 3.02 | 3.09 |
| 631 | Life insurance | - | 120.66 | 120.25 | 112.05 | 116.20 | - | 3.27 | 3.25 | 3.13 | 3.21 |
| 632 | Accident and health insurance | - | 106.58 | 106.19 | 97.02 | 100.91 | - | 2.92 | 2.87 | 2.68 | 2.78 |
| 633 | Fire, marine, and casualty insurance | - | 119.25 | 118.00 | 114.38 | 115.60 | - | 3.18 | 3.13 | 3.01 | 3.05 |
| - | SERVICES: | | | | | | | | | | |
| 701 | Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ | - | 64.67 | 66.28 | 60.54 | 64.07 | - | 1.88 | 1.91 | 1.72 | 1.81 |
| 721 | Personal Services: Laundries and dry cleaning plants | - | 74.34 | 75.30 | 69.87 | 72.96 | - | 2.10 | 2.08 | 1.93 | 2.01 |
| 722 | Photographic studios | - | 84.22 | 87.60 | 76.37 | 83.18 | - | 2.42 | 2.40 | 2.22 | 2.33 |
| 781 | Motion pictures: Motion picture filming & distributing | - | 186.19 | 187.11 | 170.54 | 177.64 | - | 4.69 | 4.62 | 4.18 | 4.43 |

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

**ESTABLISHMENT DATA
HOURS AND EARNINGS**

**C-2: Gross hours and earnings of production or nonsupervisory workers¹
on private nonagricultural payrolls, by industry--Continued**

| SIC Code | Industry | Average weekly hours | | | | | Average overtime hours | | | | |
|----------|---|----------------------|-----------|-----------|-----------|-----------|------------------------|-----------|-----------|-----------|-----------|
| | | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| - | TRANSPORTATION AND PUBLIC UTILITIES--Continued | | | | | | | | | | |
| 49 | ELECTRIC, GAS, AND SANITARY SERVICES | - | 42.0 | 41.6 | 41.6 | 41.5 | - | - | - | - | - |
| 491 | Electric companies and systems..... | - | 42.1 | 41.6 | 41.5 | 41.8 | - | - | - | - | - |
| 492 | Gas companies and systems..... | - | 41.8 | 40.8 | 41.2 | 40.8 | - | - | - | - | - |
| 493 | Combination companies and systems.. | - | 41.9 | 42.5 | 42.0 | 41.8 | - | - | - | - | - |
| 494-7 | Water, steam & sanitary systems..... | - | (*) | 41.0 | 41.0 | 41.0 | - | - | - | - | - |
| - | WHOLESALE AND RETAIL TRADE..... | 35.1 | 35.1 | 35.6 | 35.5 | 35.6 | - | - | - | - | - |
| 50 | WHOLESALE TRADE..... | 40.2 | 40.2 | 40.6 | 40.0 | 40.2 | - | - | - | - | - |
| 501 | Motor vehicles & automotive equipment.. | - | 40.7 | 41.1 | 40.9 | 41.0 | - | - | - | - | - |
| 502 | Drugs, chemicals, and allied products... | - | 39.0 | 39.6 | 39.3 | 39.1 | - | - | - | - | - |
| 503 | Dry goods and apparel..... | - | 37.5 | 37.6 | 37.6 | 37.7 | - | - | - | - | - |
| 504 | Groceries and related products..... | - | 39.5 | 40.7 | 40.1 | 40.4 | - | - | - | - | - |
| 506 | Electrical goods..... | - | 42.5 | 44.7 | 41.4 | 42.1 | - | - | - | - | - |
| 507 | Hardware; plumbing & heating equipment | - | 40.2 | 40.4 | 39.9 | 40.0 | - | - | - | - | - |
| 508 | Machinery, equipment, and supplies.... | - | 40.9 | 41.1 | 40.6 | 40.9 | - | - | - | - | - |
| 509 | Miscellaneous wholesalers..... | - | 39.9 | 39.7 | 39.4 | 39.5 | - | - | - | - | - |
| 52-59 | RETAIL TRADE..... | 33.4 | 33.5 | 34.1 | 34.0 | 34.2 | - | - | - | - | - |
| 53 | Retail general merchandise..... | - | 31.5 | 33.1 | 31.7 | 32.2 | - | - | - | - | - |
| 531 | Department stores..... | - | 31.0 | 32.3 | 31.4 | 31.8 | - | - | - | - | - |
| 532 | Mail order houses..... | - | 35.3 | 39.4 | 35.3 | 36.3 | - | - | - | - | - |
| 533 | Variety stores..... | - | 29.3 | 32.3 | 30.0 | 30.2 | - | - | - | - | - |
| 54 | Food stores..... | - | 31.9 | 32.2 | 32.1 | 32.5 | - | - | - | - | - |
| 541-3 | Grocery, meat, and vegetable stores... | - | 32.1 | 32.2 | 32.1 | 32.6 | - | - | - | - | - |
| 56 | Apparel and accessory stores..... | - | 31.6 | 32.8 | 31.5 | 32.0 | - | - | - | - | - |
| 561 | Men's & boys' clothing & furnishings.. | - | 33.8 | 34.3 | 33.9 | 34.1 | - | - | - | - | - |
| 562 | Women's ready-to-wear stores..... | - | 30.4 | 32.1 | 30.8 | 31.2 | - | - | - | - | - |
| 565 | Family clothing stores..... | - | 33.4 | 34.0 | 32.0 | 32.7 | - | - | - | - | - |
| 566 | Shoe stores..... | - | 30.0 | 31.0 | 29.5 | 30.4 | - | - | - | - | - |
| 57 | Furniture and home furnishings stores.. | - | 36.7 | 37.6 | 37.5 | 37.4 | - | - | - | - | - |
| 571 | Furniture and home furnishings..... | - | 37.0 | 37.9 | 37.4 | 37.4 | - | - | - | - | - |
| 58 | Eating and drinking places ⁶ | - | 30.8 | 31.2 | 32.0 | 31.9 | - | - | - | - | - |
| 52,55,59 | Other retail trade..... | - | 37.7 | 38.1 | 38.3 | 38.3 | - | - | - | - | - |
| 52 | Building materials and farm equipment | - | 39.0 | 39.9 | 39.9 | 40.3 | - | - | - | - | - |
| 551,2 | Motor vehicle dealers..... | - | 40.6 | 40.8 | 41.2 | 41.0 | - | - | - | - | - |
| 553,9 | Other automotive & accessory dealers. | - | 41.1 | 41.5 | 42.0 | 41.7 | - | - | - | - | - |
| 591 | Drug stores and proprietary stores... | - | 31.6 | 32.6 | 32.1 | 32.3 | - | - | - | - | - |
| 594 | Book and stationery stores..... | - | 33.1 | 33.9 | 33.5 | 33.9 | - | - | - | - | - |
| 598 | Fuel and ice dealers..... | - | 42.4 | 41.8 | 43.7 | 41.5 | - | - | - | - | - |
| - | FINANCE, INSURANCE, AND REAL ESTATE⁷..... | 37.1 | 37.0 | 37.0 | 37.2 | 37.1 | - | - | - | - | - |
| 60 | Banking..... | - | 37.2 | 37.0 | 37.4 | 37.2 | - | - | - | - | - |
| 61 | Credit agencies other than banks..... | - | 37.6 | 37.4 | 38.0 | 37.7 | - | - | - | - | - |
| 612 | Savings and loan associations..... | - | 37.9 | 36.7 | 37.5 | 37.0 | - | - | - | - | - |
| 62 | Security, commodity brokers & services. | - | 37.1 | 37.6 | 38.4 | 37.8 | - | - | - | - | - |
| 63 | Insurance carriers..... | - | 37.1 | 37.3 | 36.8 | 36.9 | - | - | - | - | - |
| 631 | Life insurance..... | - | 36.9 | 37.0 | 35.8 | 36.2 | - | - | - | - | - |
| 632 | Accident and health insurance..... | - | 36.5 | 37.0 | 36.2 | 36.3 | - | - | - | - | - |
| 633 | Fire, marine, and casualty insurance.. | - | 37.5 | 37.7 | 38.0 | 37.9 | - | - | - | - | - |
| - | SERVICES: | | | | | | | | | | |
| 701 | Hotels and other lodging places: Hotels, tourist courts, and motels ⁶ ... | - | 34.4 | 34.7 | 35.2 | 35.4 | - | - | - | - | - |
| 721 | Personal Services: Laundries & dry cleaning plants..... | - | 35.4 | 36.2 | 36.2 | 36.3 | - | - | - | - | - |
| 722 | Photographic studios..... | - | 34.8 | 36.5 | 34.4 | 35.7 | - | - | - | - | - |
| 781 | Motion pictures: Motion picture filming & distributing.. | - | 39.7 | 40.5 | 40.8 | 40.1 | - | - | - | - | - |

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

² Beginning January 1965, data relate to railroads with operating revenues of \$5,000,000 or more. August 1969: \$161.25, \$3.75, and 43.0.

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

⁴ Data relate to employees in such occupations in the telephone industry as central office craftsmen; installation and exchange repair craftsmen; line, cable, and conduit craftsmen; and laborers. In 1968, such employees made up 32 percent of the total number of nonsupervisory employees in establishments reporting hours and earnings data.

⁵ Data relate to nonsupervisory employees except messengers.

⁶ Money payments only; tips, not included.

⁷ Data for nonoffice salesmen excluded from all series in this division.

*Not available.

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

ESTABLISHMENT DATA HOURS AND EARNINGS

C-3: Employment, hours, and indexes of earnings in the Executive Branch of the Federal Government

(Employment in thousands—includes both supervisory and nonsupervisory employees)

| Item | 1969 | | | | | | | | | | | | Avg. |
|-----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | Dec. | Nov. | Oct. | Sept. | Aug. | July | June | May | Apr. | Mar. | Feb. | Jan. | |
| EXECUTIVE BRANCH | | | | | | | | | | | | | |
| Total employment | 2,724.9 | 2,669.2 | 2,679.6 | 2,697.3 | 2,767.2 | 2,804.5 | 2,795.9 | 2,704.5 | 2,712.0 | 2,701.9 | 2,704.2 | 2,699.3 | 2,721.7 |
| Average weekly hours | 39.6 | 39.6 | 39.5 | 39.3 | 39.6 | 39.4 | 39.4 | 39.5 | 39.5 | 39.5 | 39.9 | 39.5 | 39.5 |
| Average overtime hours | 1.5 | 1.0 | .9 | 1.0 | .9 | .8 | 1.0 | 1.0 | 1.0 | 1.1 | 1.0 | 1.0 | 1.0 |
| Indexes (1965=100): | | | | | | | | | | | | | |
| Average weekly earnings | 130.4 | 128.7 | 127.2 | 126.0 | 124.7 | 119.1 | 117.8 | 118.9 | 117.5 | 117.5 | 118.7 | 117.5 | 122.1 |
| Average hourly earnings | 133.3 | 131.6 | 130.4 | 129.8 | 127.5 | 123.7 | 121.1 | 122.2 | 120.5 | 120.5 | 120.5 | 120.5 | 125.1 |
| DEPARTMENT OF DEFENSE | | | | | | | | | | | | | |
| Total employment | 1,083.9 | 1,091.0 | 1,102.8 | 1,111.6 | 1,142.9 | 1,167.5 | 1,162.4 | 1,125.2 | 1,128.2 | 1,129.0 | 1,130.4 | 1,131.3 | 1,125.5 |
| Average weekly hours | 39.1 | 39.8 | 40.1 | 39.6 | 39.8 | 38.5 | 40.2 | 39.9 | 39.8 | 40.2 | 40.7 | 40.2 | 39.8 |
| Average overtime hours | .8 | .8 | .8 | .9 | 1.0 | .9 | 1.2 | 1.0 | .8 | 1.2 | 1.2 | 1.3 | 1.0 |
| Indexes (1965=100): | | | | | | | | | | | | | |
| Average weekly earnings | 128.1 | 128.4 | 126.8 | 125.2 | 123.8 | 118.4 | 118.2 | 119.9 | 116.5 | 117.4 | 118.8 | 117.7 | 121.6 |
| Average hourly earnings | 133.6 | 131.6 | 129.0 | 129.0 | 126.9 | 125.5 | 120.0 | 122.6 | 119.4 | 119.1 | 119.1 | 119.4 | 124.6 |
| POST OFFICE DEPARTMENT | | | | | | | | | | | | | |
| Total employment | 793.6 | 726.1 | 725.5 | 726.5 | 741.0 | 739.8 | 736.6 | 723.1 | 720.9 | 718.5 | 718.4 | 718.5 | 732.4 |
| Average weekly hours | 40.8 | 39.7 | 38.8 | 38.7 | 38.7 | 39.1 | 38.4 | 38.5 | 38.8 | 38.7 | 39.4 | 38.6 | 39.0 |
| Average overtime hours | 3.3 | 1.5 | 1.3 | 1.2 | .9 | .8 | .9 | 1.1 | 1.3 | 1.2 | 1.0 | 1.1 | 1.3 |
| Indexes (1965=100): | | | | | | | | | | | | | |
| Average weekly earnings | 127.2 | 121.5 | 118.4 | 117.8 | 116.6 | 117.8 | 111.1 | 112.0 | 113.2 | 112.6 | 114.3 | 112.3 | 116.2 |
| Average hourly earnings | 128.7 | 126.4 | 126.1 | 125.7 | 124.4 | 124.4 | 119.5 | 120.1 | 120.5 | 120.1 | 119.8 | 120.1 | 123.1 |
| OTHER AGENCIES | | | | | | | | | | | | | |
| Total employment | 847.4 | 852.1 | 851.3 | 859.2 | 883.3 | 897.2 | 896.9 | 856.2 | 862.9 | 854.4 | 855.4 | 849.5 | 863.8 |
| Average weekly hours | 39.1 | 39.3 | 39.3 | 39.4 | 40.0 | 39.6 | 39.2 | 39.6 | 39.8 | 39.3 | 39.4 | 39.2 | 39.4 |
| Average overtime hours | .8 | .9 | .8 | .8 | .8 | .8 | .9 | .9 | .9 | .8 | .8 | .7 | .8 |
| Indexes (1965=100): | | | | | | | | | | | | | |
| Average weekly earnings | 136.0 | 135.6 | 135.1 | 133.8 | 131.4 | 122.0 | 122.9 | 124.2 | 122.9 | 121.9 | 122.4 | 121.8 | 127.3 |
| Average hourly earnings | 137.4 | 136.3 | 135.8 | 134.1 | 129.8 | 121.7 | 123.8 | 123.8 | 122.0 | 122.5 | 122.8 | 122.8 | 127.6 |

NOTE: Averages presented in this table have been computed using data collected by the U.S. Civil Service Commission from all agencies of the executive branch of the Federal Government; the data cover both salaried workers and hourly paid wage-board employees. Since these averages relate to hours and earnings of all workers, both supervisory and nonsupervisory, they are not comparable to similar data presented in table C-2 which relate only to production or nonsupervisory workers.

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

| Major industry group | Average hourly earnings excluding overtime ¹ | | | | |
|--|---|-----------|-----------|-----------|-----------|
| | Feb. 1970 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Avg. 1969 |
| MANUFACTURING | \$3.16 | \$3.16 | \$3.15 | \$2.98 | \$3.05 |
| DURABLE GOODS | 3.34 | 3.35 | 3.34 | 3.16 | 3.23 |
| Ordnance and accessories | - | 3.45 | 3.43 | 3.26 | 3.34 |
| Lumber and wood products | - | 2.70 | 2.70 | 2.47 | 2.60 |
| Furniture and fixtures | - | 2.62 | 2.60 | 2.44 | 2.52 |
| Stone, clay, and glass products | - | 3.12 | 3.11 | 2.90 | 3.01 |
| Primary metal industries | - | 3.70 | 3.70 | 3.53 | 3.61 |
| Fabricated metal products | - | 3.30 | 3.27 | 3.11 | 3.17 |
| Machinery, except electrical | - | 3.54 | 3.52 | 3.31 | 3.40 |
| Electrical equipment and supplies | - | 3.07 | 3.05 | 2.93 | 2.98 |
| Transportation equipment | - | 3.88 | 3.87 | 3.68 | 3.73 |
| Instruments and related products | - | 3.16 | 3.13 | 2.98 | 3.05 |
| Miscellaneous manufacturing industries | - | 2.71 | 2.66 | 2.52 | 2.57 |
| NONDURABLE GOODS | 2.90 | 2.89 | 2.87 | 2.72 | 2.79 |
| Food and kindred products | - | 2.93 | 2.89 | 2.77 | 2.81 |
| Tobacco manufactures | - | 2.81 | 2.64 | 2.55 | 2.59 |
| Textile mill products | - | 2.32 | 2.31 | 2.17 | 2.24 |
| Apparel and other textile products | - | 2.32 | 2.31 | 2.24 | 2.27 |
| Paper and allied products | - | 3.14 | 3.14 | 2.96 | 3.04 |
| Printing and publishing | (2) | (2) | (2) | (2) | (2) |
| Chemicals and allied products | - | 3.45 | 3.44 | 3.23 | 3.33 |
| Petroleum and coal products | - | 4.06 | 3.95 | 3.52 | 3.83 |
| Rubber and plastics products, n e c | - | 3.02 | 2.99 | 2.87 | 2.92 |
| Leather and leather products | - | 2.39 | 2.38 | 2.26 | 2.31 |

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

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

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

ESTABLISHMENT DATA HOURS AND EARNINGS

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

| Industry | Gross average weekly earnings | | | Spendable average weekly earnings | | | | | |
|---|-------------------------------|--------------|--------------|-----------------------------------|--------------|--------------|------------------------------|--------------|--------------|
| | | | | Worker with no dependents | | | Worker with three dependents | | |
| | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 |
| TOTAL PRIVATE: | | | | | | | | | |
| Current dollars | \$116.12 | \$117.25 | \$114.61 | \$93.43 | \$92.89 | \$90.96 | \$101.97 | \$102.01 | \$99.99 |
| 1957-59 dollars | 88.10 | 89.30 | 89.75 | 70.89 | 70.75 | 71.23 | 77.37 | 77.69 | 78.30 |
| MINING: | | | | | | | | | |
| Current dollars | 157.78 | 160.58 | 154.73 | 124.58 | 124.64 | 120.23 | 135.04 | 135.78 | 131.04 |
| 1957-59 dollars | 119.71 | 122.30 | 121.17 | 94.52 | 94.93 | 94.15 | 102.46 | 103.41 | 102.62 |
| CONTRACT CONSTRUCTION: | | | | | | | | | |
| Current dollars | 179.78 | 189.25 | 181.64 | 141.50 | 146.05 | 140.48 | 153.18 | 159.06 | 152.88 |
| 1957-59 dollars | 136.40 | 144.14 | 142.24 | 107.36 | 111.23 | 110.01 | 116.22 | 121.14 | 119.72 |
| MANUFACTURING: | | | | | | | | | |
| Current dollars | 131.93 | 134.89 | 129.51 | 105.28 | 105.85 | 101.90 | 114.48 | 115.61 | 111.44 |
| 1957-59 dollars | 100.10 | 102.73 | 101.42 | 79.88 | 80.62 | 79.80 | 86.86 | 88.05 | 87.27 |
| WHOLESALE AND RETAIL TRADE: | | | | | | | | | |
| Current dollars | 93.37 | 92.92 | 91.14 | 76.24 | 74.87 | 73.51 | 84.02 | 83.37 | 81.94 |
| 1957-59 dollars | 70.84 | 70.77 | 71.37 | 57.85 | 57.02 | 57.56 | 63.75 | 63.50 | 64.17 |
| FINANCE, INSURANCE, AND REAL ESTATE: | | | | | | | | | |
| Current dollars | 111.37 | 110.26 | 108.33 | 89.88 | 87.76 | 86.35 | 98.21 | 96.69 | 95.22 |
| 1957-59 dollars | 84.50 | 83.98 | 84.83 | 68.19 | 66.84 | 67.62 | 74.51 | 73.64 | 74.57 |

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

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

| Industry | 1957-59=100 | | | | |
|--|--------------|--------------|--------------|--------------|--------------|
| | Feb. 1970 | Jan. 1970 | Dec. 1969 | Feb. 1969 | Avg. 1969 |
| | Man-hours | | | | |
| TOTAL | 109.9 | 110.7 | 117.7 | 112.3 | 117.9 |
| MINING | 79.1 | 78.8 | 83.0 | 78.2 | 82.1 |
| CONTRACT CONSTRUCTION | 100.1 | 96.2 | 116.2 | 98.8 | 119.1 |
| MANUFACTURING | 113.2 | 114.9 | 119.8 | 116.4 | 119.5 |
| DURABLE GOODS | 117.8 | 120.1 | 125.7 | 123.5 | 125.9 |
| Ordnance and accessories | 179.2 | 182.0 | 190.8 | 220.7 | 208.6 |
| Lumber and wood products | 85.5 | 85.9 | 90.7 | 91.2 | 93.5 |
| Furniture and fixtures | 123.2 | 125.6 | 133.6 | 130.2 | 132.7 |
| Stone, clay, and glass products | 105.5 | 104.7 | 112.6 | 108.0 | 114.0 |
| Primary metal industries | 110.8 | 112.8 | 114.8 | 111.3 | 114.3 |
| Fabricated metal products | 125.6 | 129.1 | 134.3 | 128.1 | 131.9 |
| Machinery, except electrical | 136.9 | 137.0 | 140.2 | 137.7 | 137.5 |
| Electrical equipment and supplies | 143.2 | 138.3 | 142.2 | 144.8 | 147.4 |
| Transportation equipment | 98.6 | 110.6 | 120.1 | 119.0 | 119.5 |
| Instruments and related products | 123.6 | 125.9 | 130.8 | 125.7 | 129.4 |
| Miscellaneous manufacturing industries | 104.4 | 102.4 | 112.4 | 101.1 | 110.4 |
| NONDURABLE GOODS | 107.2 | 108.3 | 112.1 | 107.3 | 111.2 |
| Food and kindred products | 90.5 | 92.9 | 97.8 | 89.5 | 97.3 |
| Tobacco manufactures | 71.7 | 74.6 | 77.7 | 73.6 | 77.1 |
| Textile mill products | 100.4 | 101.5 | 105.3 | 103.4 | 105.0 |
| Apparel and other textile products | 114.7 | 113.0 | 116.7 | 115.1 | 117.3 |
| Paper and allied products | 118.9 | 120.8 | 124.3 | 117.6 | 121.7 |
| Printing and publishing | 117.9 | 118.5 | 123.6 | 116.1 | 119.2 |
| Chemicals and allied products | 121.5 | 122.0 | 123.7 | 123.2 | 124.2 |
| Petroleum and coal products | 78.2 | 79.9 | 79.7 | 67.7 | 79.5 |
| Rubber and plastics products, nec. | 158.0 | 160.2 | 165.1 | 158.4 | 162.8 |
| Leather and leather products | 87.2 | 89.1 | 91.6 | 88.4 | 90.1 |
| | Payrolls | | | | |
| MINING | 120.5 | 118.0 | 123.0 | 110.4 | 118.3 |
| CONTRACT CONSTRUCTION | 178.3 | 171.9 | 206.5 | 159.7 | 201.5 |
| MANUFACTURING | 175.7 | 178.9 | 186.2 | 171.9 | 180.2 |

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

ESTABLISHMENT DATA
SEASONALLY ADJUSTED HOURS

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

| Industry | Feb. 1970 | Jan. 1970 | Dec. 1969 | Nov. 1969 | Oct. 1969 | Sept. 1969 | Aug. 1969 | July 1969 | June 1969 | May 1969 | Apr. 1969 | Mar. 1969 | Feb. 1969 |
|---|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|
| TOTAL PRIVATE | 37.5 | 37.4 | 37.5 | 37.6 | 37.6 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.8 | 37.5 |
| MINING | 43.5 | 42.7 | 43.4 | 43.8 | 42.9 | 43.2 | 43.2 | 42.6 | 42.0 | 43.4 | 43.8 | 42.8 | 43.3 |
| CONTRACT CONSTRUCTION | 38.1 | 37.1 | 38.2 | 38.2 | 37.5 | 38.1 | 37.9 | 37.5 | 37.6 | 38.1 | 38.0 | 37.9 | 38.0 |
| MANUFACTURING | 39.9 | 40.3 | 40.7 | 40.5 | 40.5 | 40.8 | 40.6 | 40.7 | 40.7 | 40.7 | 40.8 | 40.9 | 40.1 |
| <i>Overtime hours</i> | 3.2 | 3.3 | 3.5 | 3.5 | 3.5 | 3.7 | 3.7 | 3.6 | 3.6 | 3.6 | 3.7 | 3.7 | 3.5 |
| DURABLE GOODS | 40.5 | 40.8 | 41.3 | 41.1 | 41.2 | 41.5 | 41.3 | 41.2 | 41.3 | 41.4 | 41.4 | 41.5 | 40.9 |
| <i>Overtime hours</i> | 3.2 | 3.4 | 3.6 | 3.5 | 3.7 | 3.9 | 3.8 | 3.8 | 3.9 | 3.8 | 3.8 | 3.9 | 3.8 |
| <i>Ordnance and accessories</i> | 41.2 | 40.7 | 40.5 | 40.4 | 40.1 | 40.4 | 40.4 | 40.2 | 40.9 | 40.6 | 40.9 | 40.8 | 40.3 |
| <i>Lumber and wood products</i> | 40.5 | 39.5 | 40.4 | 40.3 | 40.0 | 40.1 | 39.8 | 39.7 | 40.2 | 40.3 | 40.2 | 40.9 | 40.8 |
| <i>Furniture and fixtures</i> | 39.0 | 39.5 | 40.0 | 39.9 | 39.9 | 40.1 | 40.3 | 40.1 | 40.7 | 40.9 | 40.9 | 40.7 | 40.1 |
| <i>Stone, clay, and glass products</i> | 42.2 | 41.4 | 42.1 | 42.0 | 41.7 | 42.1 | 42.1 | 41.7 | 41.9 | 42.1 | 42.0 | 42.3 | 42.2 |
| <i>Primary metal industries</i> | 41.2 | 41.2 | 41.6 | 41.6 | 42.2 | 42.2 | 42.0 | 41.5 | 41.7 | 41.7 | 41.8 | 41.9 | 41.6 |
| <i>Fabricated metal products</i> | 40.8 | 41.4 | 41.6 | 41.4 | 41.4 | 41.5 | 41.6 | 41.6 | 41.8 | 41.6 | 41.8 | 41.9 | 41.2 |
| <i>Machinery, except electrical</i> | 41.6 | 42.3 | 42.6 | 42.2 | 42.4 | 42.7 | 42.6 | 42.2 | 42.5 | 42.6 | 42.6 | 42.7 | 42.3 |
| <i>Electrical equipment and supplies</i> | 39.8 | 40.4 | 40.3 | 40.1 | 40.2 | 40.5 | 40.4 | 40.3 | 40.6 | 40.6 | 40.9 | 40.7 | 39.7 |
| <i>Transportation equipment</i> | 40.3 | 40.0 | 41.5 | 40.6 | 41.3 | 41.8 | 41.2 | 42.3 | 41.6 | 41.1 | 41.5 | 41.6 | 41.6 |
| <i>Instruments and related products</i> | 40.6 | 40.7 | 40.9 | 40.9 | 40.7 | 41.0 | 40.9 | 40.9 | 40.9 | 40.8 | 40.8 | 40.7 | 39.7 |
| <i>Miscellaneous manufacturing industries</i> | 38.8 | 39.2 | 39.2 | 38.9 | 38.8 | 39.0 | 39.0 | 39.1 | 39.2 | 39.1 | 39.5 | 39.0 | 37.6 |
| NONDURABLE GOODS | 39.2 | 39.7 | 39.8 | 39.6 | 39.5 | 39.7 | 39.6 | 39.7 | 39.8 | 39.8 | 39.8 | 39.9 | 39.1 |
| <i>Overtime hours</i> | 3.1 | 3.4 | 3.3 | 3.3 | 3.3 | 3.3 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.4 | 3.2 |
| <i>Food and kindred products</i> | 40.8 | 40.8 | 40.8 | 40.8 | 40.5 | 41.0 | 40.9 | 40.6 | 40.7 | 40.8 | 40.9 | 40.9 | 40.7 |
| <i>Tobacco manufactures</i> | 36.8 | 38.3 | 36.3 | 37.4 | 37.2 | 37.4 | 37.2 | 38.2 | 39.5 | 38.1 | 36.4 | 36.5 | 36.6 |
| <i>Textile mill products</i> | 40.0 | 40.3 | 40.9 | 40.8 | 40.6 | 40.8 | 40.9 | 41.2 | 41.2 | 41.0 | 41.1 | 40.9 | 39.9 |
| <i>Apparel and other textile products</i> | 35.4 | 35.7 | 36.0 | 35.8 | 35.7 | 35.8 | 35.9 | 36.0 | 36.2 | 36.1 | 36.0 | 36.0 | 35.2 |
| <i>Paper and allied products</i> | 42.6 | 43.1 | 42.8 | 42.7 | 42.7 | 42.8 | 42.8 | 43.0 | 42.9 | 43.0 | 43.4 | 43.2 | 42.5 |
| <i>Printing and publishing</i> | 37.8 | 38.3 | 38.6 | 38.4 | 38.3 | 38.3 | 38.4 | 38.5 | 38.4 | 38.4 | 38.3 | 38.3 | 37.9 |
| <i>Chemicals and allied products</i> | 41.8 | 42.0 | 41.8 | 41.9 | 41.7 | 41.6 | 41.9 | 41.9 | 41.8 | 41.8 | 41.6 | 41.7 | 41.7 |
| <i>Petroleum and coal products</i> | 41.6 | 42.3 | 42.2 | 42.7 | 42.6 | 42.0 | 42.8 | 42.9 | 42.2 | 43.0 | 42.9 | 43.2 | 42.6 |
| <i>Rubber and plastics products, nec</i> | 41.2 | 40.9 | 41.1 | 40.8 | 40.9 | 41.0 | 40.9 | 41.2 | 41.3 | 41.4 | 41.4 | 41.4 | 40.7 |
| <i>Leather and leather products</i> | 36.7 | 37.7 | 37.7 | 37.4 | 37.3 | 37.1 | 36.8 | 37.0 | 37.4 | 37.6 | 37.7 | 37.6 | 35.3 |
| WHOLESALE AND RETAIL TRADE | 35.5 | 35.4 | 35.4 | 35.5 | 35.5 | 35.7 | 35.8 | 35.7 | 35.7 | 35.7 | 35.6 | 35.7 | 35.7 |
| WHOLESALE TRADE | 40.4 | 40.3 | 40.4 | 40.2 | 40.3 | 40.3 | 40.3 | 40.0 | 40.0 | 40.1 | 40.2 | 40.1 | 40.1 |
| RETAIL TRADE | 33.8 | 33.9 | 33.8 | 34.0 | 33.9 | 34.2 | 34.3 | 34.2 | 34.2 | 34.3 | 34.1 | 34.3 | 34.2 |
| FINANCE, INSURANCE, AND REAL ESTATE | 37.1 | 37.0 | 36.9 | 37.2 | 37.1 | 37.1 | 37.0 | 37.0 | 37.2 | 37.0 | 37.1 | 37.1 | 37.1 |

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

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

**ESTABLISHMENT DATA
SEASONALLY ADJUSTED**

**C-8: Indexes of aggregate weekly man-hours in industrial and construction activities¹
seasonally adjusted**

1957-59=100

| Industry | Feb. 1970 | Jan. 1970 | Dec. 1969 | Nov. 1969 | Oct. 1969 | Sept. 1969 | Aug. 1969 | July 1969 | June 1969 | May 1969 | Apr. 1969 | Mar. 1969 | Feb. 1969 |
|--|--------------|--------------|--------------|--------------|--------------|---------------|--------------|--------------|--------------|-------------|--------------|--------------|--------------|
| TOTAL | 114.5 | 115.1 | 117.4 | 116.9 | 117.3 | 118.4 | 119.0 | 118.0 | 118.6 | 118.1 | 118.1 | 118.3 | 116.8 |
| MINING | 83.6 | 81.9 | 83.4 | 83.8 | 82.1 | 83.0 | 82.8 | 81.4 | 78.9 | 81.7 | 82.8 | 81.1 | 82.5 |
| CONTRACT CONSTRUCTION | 119.6 | 113.3 | 121.7 | 121.4 | 117.6 | 119.5 | 118.1 | 117.9 | 119.5 | 119.3 | 117.4 | 117.7 | 118.0 |
| MANUFACTURING | 115.2 | 117.1 | 118.3 | 117.7 | 119.1 | 120.0 | 121.0 | 119.8 | 120.4 | 119.7 | 120.0 | 120.3 | 118.4 |
| DURABLE GOODS | 119.2 | 121.3 | 123.7 | 122.9 | 126.0 | 127.2 | 128.5 | 126.2 | 126.9 | 125.8 | 126.3 | 126.8 | 124.9 |
| Ordnance and accessories | 179.7 | 178.6 | 185.8 | 189.8 | 189.6 | 196.7 | 205.7 | 211.5 | 216.3 | 219.3 | 222.1 | 226.2 | 221.1 |
| Lumber and wood products | 89.8 | 90.1 | 92.1 | 91.7 | 90.8 | 92.3 | 92.0 | 92.1 | 94.7 | 95.3 | 94.2 | 96.3 | 95.9 |
| Furniture and fixtures | 125.2 | 128.1 | 129.4 | 129.7 | 131.0 | 131.6 | 132.9 | 131.6 | 134.6 | 135.6 | 135.9 | 134.2 | 132.3 |
| Stone, clay, and glass products | 113.1 | 111.2 | 114.3 | 113.9 | 113.3 | 113.9 | 113.5 | 112.2 | 114.0 | 113.3 | 113.6 | 115.7 | 115.9 |
| Primary metal industries | 111.1 | 112.8 | 115.6 | 116.4 | 118.6 | 118.3 | 115.7 | 113.2 | 113.7 | 112.2 | 111.9 | 112.9 | 111.5 |
| Fabricated metal products | 127.5 | 130.9 | 131.9 | 130.9 | 131.0 | 132.5 | 132.9 | 132.2 | 132.8 | 132.1 | 132.4 | 133.0 | 130.1 |
| Machinery, except electrical | 135.8 | 137.3 | 138.8 | 136.6 | 138.7 | 139.0 | 137.3 | 136.3 | 138.1 | 137.3 | 137.7 | 137.3 | 136.7 |
| Electrical equipment and supplies | 143.2 | 137.8 | 137.5 | 137.8 | 150.2 | 150.7 | 150.7 | 150.4 | 150.6 | 150.8 | 150.6 | 149.3 | 144.7 |
| Transportation equipment | 98.9 | 109.0 | 114.8 | 113.1 | 118.3 | 121.7 | 131.2 | 121.7 | 120.0 | 115.7 | 118.6 | 119.9 | 119.4 |
| Instruments and related products | 123.7 | 126.7 | 128.2 | 128.2 | 128.5 | 129.9 | 130.9 | 130.4 | 130.9 | 131.5 | 130.6 | 130.2 | 125.7 |
| Miscellaneous manufacturing industries | 109.6 | 111.7 | 113.0 | 108.0 | 109.3 | 109.3 | 109.9 | 111.8 | 111.4 | 110.8 | 112.3 | 111.2 | 106.3 |
| NONDURABLE GOODS | 109.9 | 111.5 | 111.3 | 111.1 | 110.0 | 110.6 | 111.2 | 111.5 | 112.1 | 111.8 | 111.7 | 111.8 | 109.8 |
| Food and kindred products | 99.0 | 98.8 | 98.1 | 98.3 | 95.0 | 97.3 | 97.5 | 96.2 | 96.8 | 97.4 | 97.6 | 97.8 | 97.9 |
| Tobacco manufactures | 75.2 | 77.1 | 69.7 | 74.1 | 73.7 | 76.4 | 79.4 | 79.2 | 83.1 | 80.2 | 75.5 | 76.8 | 77.0 |
| Textile mill products | 101.0 | 103.3 | 104.3 | 103.9 | 103.1 | 103.9 | 104.3 | 106.2 | 106.2 | 105.5 | 106.2 | 106.3 | 104.1 |
| Apparel and other textile products | 114.0 | 116.8 | 117.2 | 116.2 | 115.9 | 116.3 | 116.9 | 117.8 | 119.1 | 118.8 | 118.2 | 117.6 | 114.3 |
| Paper and allied products | 121.8 | 123.4 | 122.5 | 121.6 | 121.4 | 121.7 | 121.7 | 121.8 | 121.7 | 121.6 | 121.6 | 122.4 | 120.4 |
| Printing and publishing | 119.0 | 121.1 | 121.5 | 120.9 | 120.2 | 119.3 | 119.3 | 119.4 | 118.9 | 118.1 | 118.3 | 118.5 | 117.0 |
| Chemicals and allied products | 123.0 | 124.0 | 123.6 | 123.9 | 123.1 | 123.0 | 124.9 | 125.1 | 125.4 | 124.2 | 123.6 | 124.5 | 124.5 |
| Petroleum and coal products | 82.4 | 83.8 | 82.2 | 83.9 | 83.0 | 81.2 | 83.4 | 84.3 | 82.9 | 83.8 | 83.6 | 82.8 | 71.0 |
| Rubber and plastics products, nec | 160.1 | 161.1 | 161.2 | 161.1 | 161.9 | 162.6 | 163.3 | 164.9 | 165.3 | 164.2 | 163.5 | 163.5 | 160.4 |
| Leather and leather products | 85.9 | 89.5 | 89.5 | 88.4 | 88.2 | 87.1 | 89.1 | 89.0 | 91.5 | 92.3 | 92.5 | 92.6 | 87.2 |

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

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

OUTPUT PER MAN-HOUR SEASONALLY ADJUSTED

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

(Indexes 1957-59=100)

| Year and quarter | Output | | Man-hours | | Output per man-hour | | Compensation per man-hour ¹ | | Real compensation per man-hour ² | | Unit labor costs | |
|--|---------|-----------------|-----------|-----------------|---------------------|-----------------|--|-----------------|---|-----------------|------------------|-----------------|
| | Private | Private nonfarm | Private | Private nonfarm | Private | Private nonfarm | Private | Private nonfarm | Private | Private nonfarm | Private | Private nonfarm |
| 1966: 1st Quarter | 143.2 | 144.8 | 109.4 | 113.7 | 130.9 | 127.3 | 139.2 | 135.5 | 124.9 | 121.6 | 106.3 | 106.5 |
| 2d Quarter | 144.3 | 146.3 | 109.8 | 114.5 | 131.5 | 127.7 | 142.0 | 137.9 | 126.1 | 122.5 | 108.0 | 108.0 |
| 3d Quarter | 145.3 | 147.4 | 110.5 | 115.5 | 131.5 | 127.6 | 144.0 | 139.6 | 126.7 | 122.9 | 109.5 | 109.4 |
| 4th Quarter | 146.9 | 149.0 | 110.6 | 115.5 | 132.9 | 129.0 | 146.5 | 141.9 | 128.0 | 123.9 | 110.3 | 110.0 |
| Annual average | 144.9 | 146.9 | 110.1 | 114.8 | 131.7 | 127.9 | 142.9 | 138.8 | 126.5 | 122.8 | 108.5 | 108.5 |
| 1967: 1st Quarter | 146.4 | 148.2 | 110.6 | 115.5 | 132.4 | 128.3 | 147.9 | 143.5 | 129.0 | 125.2 | 111.7 | 111.9 |
| 2d Quarter | 147.2 | 148.9 | 109.6 | 114.9 | 134.4 | 129.6 | 150.3 | 145.5 | 130.1 | 126.0 | 111.9 | 112.3 |
| 3d Quarter | 148.9 | 150.7 | 110.3 | 115.3 | 134.9 | 130.6 | 152.2 | 147.6 | 130.4 | 126.4 | 112.9 | 113.0 |
| 4th Quarter | 150.2 | 152.1 | 110.9 | 116.0 | 135.4 | 131.1 | 154.3 | 149.7 | 131.1 | 127.2 | 114.0 | 114.2 |
| Annual average | 148.2 | 150.0 | 110.4 | 115.4 | 134.3 | 129.9 | 151.2 | 146.6 | 130.1 | 126.2 | 112.6 | 112.9 |
| 1968: 1st Quarter | 152.4 | 154.3 | 111.2 | 116.4 | 137.0 | 132.6 | 158.5 | 153.6 | 133.3 | 129.2 | 115.7 | 115.9 |
| 2d Quarter | 155.2 | 157.5 | 112.2 | 117.5 | 138.3 | 134.1 | 160.8 | 155.7 | 133.7 | 129.4 | 116.3 | 116.1 |
| 3d Quarter | 156.7 | 159.0 | 112.7 | 118.3 | 139.0 | 134.4 | 163.7 | 158.1 | 134.5 | 129.8 | 117.8 | 117.6 |
| 4th Quarter | 158.1 | 160.6 | 112.6 | 118.3 | 140.4 | 135.8 | 167.8 | 162.0 | 136.3 | 131.5 | 119.6 | 119.4 |
| Annual average | 155.6 | 157.9 | 112.2 | 117.6 | 138.7 | 134.2 | 162.7 | 157.4 | 134.4 | 130.0 | 117.4 | 117.3 |
| 1969: 1st Quarter | 159.1 | 161.5 | 113.7 | 119.6 | 139.9 | 135.0 | 170.5 | 164.4 | 136.7 | 131.8 | 121.8 | 121.8 |
| 2d Quarter | 159.9 | 162.3 | 114.6 | 120.7 | 139.5 | 134.5 | 172.7 | 166.5 | 136.2 | 131.3 | 123.8 | 123.8 |
| 3d Quarter | 160.8 | 163.1 | 115.0 | 121.4 | 139.8 | 134.4 | 175.8 | 169.1 | 136.8 | 131.5 | 125.8 | 125.8 |
| 4th Quarter | 160.6 | 163.4 | 114.3 | 121.0 | 140.5 | 135.0 | 179.3 | 172.1 | 137.5 | 132.0 | 127.7 | 127.5 |
| Annual average | 160.1 | 162.6 | 114.4 | 120.6 | 139.9 | 134.8 | 174.6 | 168.0 | 136.8 | 131.7 | 124.8 | 124.7 |
| Percent change over previous quarter at annual rate ³ | | | | | | | | | | | | |
| 1966: 1st Quarter | 8.1 | 8.5 | 2.0 | 3.4 | 6.0 | 5.0 | 8.6 | 7.2 | 5.5 | 4.2 | 2.4 | 2.1 |
| 2d Quarter | 3.3 | 4.0 | 1.5 | 2.7 | 1.7 | 1.3 | 8.3 | 7.3 | 3.8 | 2.8 | 6.5 | 5.9 |
| 3d Quarter | 2.7 | 3.3 | 2.6 | 3.6 | 0.0 | -0.3 | 5.6 | 5.0 | 2.0 | 1.4 | 5.6 | 5.4 |
| 4th Quarter | 4.6 | 4.4 | 0.3 | 0.1 | 4.3 | 4.3 | 7.2 | 6.6 | 3.9 | 3.3 | 2.8 | 2.2 |
| 1967: 1st Quarter | -1.4 | -2.2 | 0.0 | -0.3 | -1.4 | -1.9 | 3.9 | 4.9 | 3.2 | 4.1 | 5.3 | 6.9 |
| 2d Quarter | 2.3 | 1.9 | -3.7 | -2.1 | 6.2 | 4.1 | 6.7 | 5.5 | 3.7 | 2.6 | 0.5 | 1.4 |
| 3d Quarter | 4.5 | 4.8 | 2.9 | 1.7 | 1.5 | 3.0 | 5.2 | 5.8 | 0.9 | 1.6 | 3.6 | 2.7 |
| 4th Quarter | 3.6 | 3.9 | 2.1 | 2.4 | 1.5 | 1.5 | 5.6 | 5.9 | 2.1 | 2.3 | 4.1 | 4.4 |
| 1968: 1st Quarter | 6.0 | 6.0 | 1.0 | 1.2 | 4.9 | 4.8 | 11.3 | 10.9 | 6.8 | 6.5 | 6.0 | 5.9 |
| 2d Quarter | 7.4 | 8.4 | 3.5 | 3.8 | 3.8 | 4.5 | 6.0 | 5.5 | 1.1 | 0.7 | 2.1 | 1.0 |
| 3d Quarter | 4.1 | 4.0 | 1.9 | 2.8 | 2.1 | 1.1 | 7.5 | 6.4 | 2.3 | 1.3 | 5.3 | 5.3 |
| 4th Quarter | 3.5 | 4.0 | -0.3 | 0.0 | 3.8 | 4.0 | 10.4 | 10.3 | 5.5 | 5.4 | 6.3 | 6.0 |
| 1969: 1st Quarter | 2.6 | 2.2 | 3.8 | 4.6 | -1.2 | -2.3 | 6.4 | 5.8 | 1.4 | 0.8 | 7.6 | 8.3 |
| 2d Quarter | 1.9 | 2.0 | 3.2 | 3.5 | -1.3 | -1.4 | 5.4 | 5.4 | -1.4 | -1.4 | 6.8 | 6.9 |
| 3d Quarter | 2.2 | 2.0 | 1.3 | 2.4 | 0.8 | -0.4 | 7.4 | 6.2 | 1.5 | 0.4 | 6.5 | 6.6 |
| 4th Quarter | -0.3 | 0.6 | -2.2 | -1.3 | 2.0 | 1.9 | 8.2 | 7.5 | 2.3 | 1.7 | 6.0 | 5.5 |
| Percent change over previous year ⁴ | | | | | | | | | | | | |
| Year ending - | | | | | | | | | | | | |
| 1968: 1st Quarter | 4.1 | 4.1 | 0.6 | 0.8 | 3.5 | 3.3 | 7.2 | 7.0 | 3.4 | 3.2 | 3.5 | 3.6 |
| 2d Quarter | 5.4 | 5.8 | 2.4 | 2.3 | 2.9 | 3.4 | 7.0 | 7.0 | 2.7 | 2.7 | 3.9 | 3.5 |
| 3d Quarter | 5.3 | 5.6 | 2.1 | 2.6 | 3.1 | 2.9 | 7.6 | 7.2 | 3.1 | 2.7 | 4.4 | 4.1 |
| 4th Quarter | 5.3 | 5.6 | 1.5 | 1.9 | 3.7 | 3.6 | 8.8 | 8.3 | 3.9 | 3.4 | 4.9 | 4.5 |
| 1969: 1st Quarter | 4.4 | 4.6 | 2.2 | 2.8 | 2.1 | 1.8 | 7.6 | 7.0 | 2.6 | 2.0 | 5.3 | 5.1 |
| 2d Quarter | 3.0 | 3.0 | 2.2 | 2.7 | 0.8 | 0.3 | 7.4 | 7.0 | 1.9 | 1.5 | 6.5 | 6.6 |
| 3d Quarter | 2.5 | 2.5 | 2.0 | 2.6 | 0.5 | -0.1 | 7.3 | 6.9 | 1.7 | 1.2 | 6.8 | 6.9 |
| 4th Quarter | 1.6 | 1.7 | 1.5 | 2.3 | 0.1 | -0.6 | 6.8 | 6.2 | 0.9 | 0.4 | 6.7 | 6.8 |

¹ Wages and salaries of employees plus employers' contributions for social insurance and private benefit plans. Also includes an estimate of wages, salaries, and supplementary payments for the self-employed.

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

³ Percent change computed from original data.

⁴ Current quarter divided by comparable quarter a year ago.

Source: Output data from the Office of Business Economics, U.S. Department of Commerce. Man-hours and compensation of all persons from the Bureau of Labor Statistics. See BLS Handbook of Methods for Surveys and Studies--Chapter 22. Output Per Man-Hour Measures, Private Economy.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas**

| State and area | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|----------------------------------|-------------------------|--------------|--------------|----------------------|--------------|--------------|-------------------------|--------------|--------------|
| | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 |
| ALABAMA ¹ | \$111.72 | \$116.48 | \$106.92 | 39.9 | 41.6 | 42.4 | \$2.80 | \$2.80 | \$2.64 |
| Birmingham ¹ | 135.05 | 136.21 | 126.00 | 40.8 | 41.4 | 40.0 | 3.31 | 3.29 | 3.15 |
| Mobile | (*) | 130.94 | 131.27 | (*) | 41.7 | 42.9 | (*) | 3.14 | 3.06 |
| ALASKA | (*) | 190.56 | 170.31 | (*) | 39.7 | 38.1 | (*) | 4.80 | 4.47 |
| ARIZONA | 133.99 | 133.16 | 122.31 | 41.1 | 41.1 | 40.5 | 3.26 | 3.24 | 3.02 |
| Phoenix | 136.27 | 133.82 | 122.51 | 40.8 | 40.8 | 40.3 | 3.34 | 3.28 | 3.04 |
| Tucson | 131.13 | 131.38 | 124.85 | 40.1 | 40.3 | 40.8 | 3.27 | 3.26 | 3.06 |
| ARKANSAS ¹ | 97.36 | 96.96 | 91.14 | 40.4 | 40.4 | 39.8 | 2.41 | 2.40 | 2.29 |
| Fort Smith | 91.82 | 92.66 | 85.63 | 38.1 | 39.6 | 39.1 | 2.41 | 2.34 | 2.19 |
| Little Rock-North Little Rock | 100.22 | 102.26 | 97.85 | 39.3 | 40.1 | 40.6 | 2.55 | 2.55 | 2.41 |
| Pine Bluff | 121.88 | 121.39 | 112.03 | 40.9 | 40.6 | 40.3 | 2.98 | 2.99 | 2.78 |
| CALIFORNIA | 148.08 | 151.03 | 140.89 | 39.7 | 40.6 | 39.8 | 3.73 | 3.72 | 3.54 |
| Anaheim-Santa Ana-Garden Grove | 150.96 | 154.71 | 144.14 | 40.8 | 41.7 | 41.3 | 3.70 | 3.71 | 3.49 |
| Bakersfield | 151.58 | 155.04 | 141.20 | 40.1 | 40.8 | 40.0 | 3.78 | 3.80 | 3.53 |
| Fresno | 120.01 | 122.20 | 117.06 | 36.7 | 37.6 | 37.4 | 3.27 | 3.25 | 3.13 |
| Los Angeles-Long Beach | 144.76 | 147.24 | 139.04 | 40.1 | 40.9 | 40.3 | 3.61 | 3.60 | 3.45 |
| Modesto-Turlock | 124.50 | 121.60 | 122.53 | 37.5 | 38.0 | 37.7 | 3.32 | 3.20 | 3.25 |
| Oxnard-Ventura | 126.49 | 129.03 | 124.95 | 38.1 | 39.1 | 40.7 | 3.32 | 3.30 | 3.07 |
| Sacramento | 153.87 | 159.94 | 151.31 | 37.9 | 39.2 | 38.5 | 4.05 | 4.08 | 3.93 |
| Salinas-Monterey | 130.53 | 137.31 | 127.53 | 37.4 | 39.8 | 39.0 | 3.49 | 3.45 | 3.27 |
| San Bernardino-Riverside-Ontario | 142.23 | 142.48 | 147.00 | 39.4 | 39.8 | 40.4 | 3.61 | 3.58 | 3.49 |
| San Diego | 162.00 | 166.43 | 153.20 | 40.4 | 41.4 | 40.0 | 4.01 | 4.02 | 3.83 |
| San Francisco-Oakland | 161.41 | 164.76 | 152.10 | 38.8 | 39.7 | 38.9 | 4.16 | 4.15 | 3.91 |
| San Jose | 156.81 | 159.18 | 146.96 | 39.8 | 40.4 | 39.4 | 3.94 | 3.94 | 3.73 |
| Santa Barbara | 140.23 | 138.16 | 133.85 | 39.5 | 39.7 | 39.6 | 3.55 | 3.48 | 3.36 |
| Santa Rosa | 128.82 | 128.52 | 125.12 | 36.7 | 37.8 | 37.8 | 3.51 | 3.40 | 3.31 |
| Stockton | 148.90 | 150.75 | 142.88 | 39.6 | 40.2 | 39.8 | 3.76 | 3.75 | 3.59 |
| Vallejo-Napa | 135.79 | 141.66 | 131.72 | 37.1 | 38.6 | 37.0 | 3.66 | 3.67 | 3.56 |
| COLORADO | (*) | 142.27 | 131.87 | (*) | 41.0 | 40.7 | (*) | 3.47 | 3.24 |
| Denver | (*) | 147.08 | 134.46 | (*) | 41.2 | 40.5 | (*) | 3.57 | 3.32 |
| CONNECTICUT | 140.61 | 142.21 | 133.34 | 41.6 | 42.2 | 41.8 | 3.38 | 3.37 | 3.19 |
| Bridgeport | 143.79 | 145.09 | 138.78 | 41.8 | 42.3 | 42.7 | 3.44 | 3.43 | 3.25 |
| Hartford | 153.72 | 157.83 | 146.97 | 42.7 | 43.6 | 43.1 | 3.60 | 3.62 | 3.41 |
| New Britain | 146.72 | 145.43 | 134.60 | 42.9 | 42.9 | 41.8 | 3.42 | 3.39 | 3.22 |
| New Haven | 137.57 | 139.36 | 128.70 | 40.7 | 41.6 | 40.6 | 3.38 | 3.35 | 3.17 |
| Stamford | 149.88 | 151.23 | 140.01 | 42.1 | 42.6 | 42.3 | 3.56 | 3.55 | 3.31 |
| Waterbury | 130.72 | 128.86 | 123.67 | 41.5 | 41.3 | 41.5 | 3.15 | 3.12 | 2.98 |
| DELAWARE | 128.64 | 134.74 | 130.97 | 38.4 | 40.1 | 40.8 | 3.35 | 3.36 | 3.21 |
| Wilmington | 140.58 | 148.71 | 144.49 | 38.2 | 40.3 | 40.7 | 3.68 | 3.69 | 3.55 |
| DISTRICT OF COLUMBIA : | | | | | | | | | |
| Washington SMSA | (*) | (*) | 130.90 | (*) | (*) | 38.5 | (*) | (*) | 3.40 |
| FLORIDA | (*) | 119.14 | 108.24 | (*) | 42.4 | 41.0 | (*) | 2.81 | 2.64 |
| Fort Lauderdale-Hollywood | (*) | 124.01 | 105.70 | (*) | 41.2 | 40.5 | (*) | 3.01 | 2.61 |
| Jacksonville | (*) | 118.69 | 113.44 | (*) | 41.5 | 41.1 | (*) | 2.86 | 2.76 |
| Miami | (*) | 114.54 | 103.44 | (*) | 42.9 | 43.1 | (*) | 2.67 | 2.40 |
| Orlando | (*) | 118.96 | 117.00 | (*) | 43.1 | 42.7 | (*) | 2.76 | 2.74 |
| Pensacola | (*) | 134.78 | 130.59 | (*) | 41.6 | 42.4 | (*) | 3.24 | 3.08 |
| Tampa-St. Petersburg | (*) | 122.54 | 113.40 | (*) | 43.3 | 42.0 | (*) | 2.83 | 2.70 |
| West Palm Beach | (*) | 134.85 | 125.84 | (*) | 45.1 | 48.4 | (*) | 2.99 | 2.60 |
| GEORGIA ¹ | 102.70 | 109.86 | 100.19 | 38.9 | 41.3 | 40.4 | 2.64 | 2.66 | 2.48 |
| Atlanta ¹ | 123.40 | 137.23 | 125.60 | 36.4 | 40.6 | 40.0 | 3.39 | 3.38 | 3.14 |
| Savannah ¹ | 130.28 | 138.14 | 120.18 | 39.6 | 42.9 | 41.3 | 3.29 | 3.22 | 2.91 |
| HAWAII | 124.61 | 129.20 | 109.14 | 38.7 | 40.5 | 36.5 | 3.22 | 3.19 | 2.99 |
| Honolulu | 125.78 | 132.84 | 108.53 | 38.0 | 40.5 | 35.7 | 3.31 | 3.28 | 3.04 |
| IDAHO | 115.88 | 121.16 | 120.48 | 37.5 | 38.1 | 39.5 | 3.09 | 3.18 | 3.05 |
| ILLINOIS | (*) | 147.57 | 137.96 | (*) | 41.3 | 40.9 | (*) | 3.57 | 3.38 |
| Chicago | (*) | (*) | 139.75 | (*) | (*) | 41.0 | (*) | (*) | 3.41 |
| Davenport-Rock Island-Moline | (*) | 154.02 | 151.56 | (*) | 38.9 | 39.5 | (*) | 3.96 | 3.84 |

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued**

| State and area | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|-------------------------|--------------|--------------|----------------------|--------------|--------------|-------------------------|--------------|--------------|
| | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 |
| ILLINOIS (continued) | | | | | | | | | |
| Peoria | (*) | \$173.21 | \$161.27 | (*) | 42.7 | 41.7 | (*) | \$4.06 | \$3.87 |
| Rockford | (*) | 151.85 | 139.62 | (*) | 42.8 | 41.9 | (*) | 3.54 | 3.33 |
| INDIANA ¹ | \$146.61 | 146.97 | 141.51 | 40.5 | 40.7 | 40.9 | \$3.62 | 3.61 | 3.46 |
| Indianapolis | (*) | 149.60 | 144.32 | (*) | 41.1 | 41.0 | (*) | 3.64 | 3.52 |
| IOWA | 145.89 | 145.44 | 135.41 | 40.3 | 40.4 | 40.2 | 3.62 | 3.60 | 3.37 |
| Cedar Rapids | 146.32 | 144.79 | 136.28 | 41.1 | 40.9 | 41.5 | 3.56 | 3.54 | 3.29 |
| Des Moines | 155.42 | 151.84 | 146.00 | 40.9 | 40.6 | 40.5 | 3.80 | 3.74 | 3.60 |
| Dubuque | 165.33 | 166.34 | 143.07 | 38.9 | 39.7 | 38.1 | 4.25 | 4.19 | 3.76 |
| Sioux City | 131.77 | 128.33 | 133.53 | 41.7 | 41.8 | 43.8 | 3.16 | 3.07 | 3.05 |
| Waterloo | 160.80 | 162.41 | 158.28 | 40.1 | 40.5 | 41.1 | 4.01 | 4.01 | 3.85 |
| KANSAS | 131.64 | 131.94 | 127.74 | 42.2 | 42.2 | 41.8 | 3.11 | 3.12 | 3.06 |
| Topeka | 160.37 | 160.36 | 146.68 | 46.1 | 46.2 | 44.2 | 3.48 | 3.47 | 3.32 |
| Wichita | 137.94 | 139.41 | 131.07 | 42.3 | 42.8 | 41.1 | 3.26 | 3.26 | 3.19 |
| KENTUCKY | 122.76 | 125.02 | 118.59 | 39.6 | 40.2 | 40.2 | 3.10 | 3.11 | 2.95 |
| Louisville ¹ | 144.28 | 144.83 | 127.31 | 40.3 | 40.5 | 37.9 | 3.58 | 3.57 | 3.36 |
| LOUISIANA | 134.18 | 131.24 | 122.51 | 41.8 | 41.4 | 40.3 | 3.21 | 3.17 | 3.04 |
| Baton Rouge ¹ | 153.22 | 152.67 | 147.14 | 41.3 | 41.6 | 41.8 | 3.71 | 3.67 | 3.52 |
| New Orleans | (*) | 134.15 | 127.51 | (*) | 40.9 | 41.0 | (*) | 3.28 | 3.11 |
| Shreveport ¹ | 117.27 | 123.67 | 111.93 | 40.3 | 41.5 | 41.0 | 2.91 | 2.98 | 2.73 |
| MAINE ¹ | 106.92 | 106.60 | 99.94 | 40.5 | 41.0 | 40.3 | 2.64 | 2.60 | 2.48 |
| Lewiston-Auburn ¹ | 87.56 | 87.19 | 86.18 | 37.1 | 37.1 | 38.3 | 2.36 | 2.35 | 2.25 |
| Portland ¹ | 110.40 | 112.33 | 104.67 | 40.0 | 40.7 | 39.8 | 2.76 | 2.76 | 2.63 |
| MARYLAND ¹ | 135.53 | 137.94 | 126.77 | 40.7 | 41.3 | 40.5 | 3.33 | 3.34 | 3.13 |
| Baltimore ¹ | 139.94 | 143.24 | 130.01 | 40.8 | 41.4 | 40.5 | 3.43 | 3.46 | 3.21 |
| MASSACHUSETTS | (*) | 124.93 | 118.80 | (*) | 40.3 | 40.0 | (*) | 3.10 | 2.97 |
| Boston | (*) | 133.60 | 127.04 | (*) | 40.0 | 39.7 | (*) | 3.34 | 3.20 |
| Brockton | (*) | 106.97 | 99.79 | (*) | 37.8 | 37.8 | (*) | 2.83 | 2.64 |
| Fall River | (*) | 92.56 | 87.72 | (*) | 35.6 | 36.1 | (*) | 2.60 | 2.43 |
| Lawrence-Haverhill | (*) | 121.30 | 111.48 | (*) | 41.4 | 40.1 | (*) | 2.93 | 2.78 |
| Lowell | (*) | 108.08 | 102.57 | (*) | 39.3 | 39.0 | (*) | 2.75 | 2.63 |
| New Bedford | (*) | 100.73 | 96.25 | (*) | 38.3 | 38.5 | (*) | 2.63 | 2.50 |
| Springfield-Chicopee-Holyoke | (*) | 129.11 | 122.41 | (*) | 40.6 | 40.4 | (*) | 3.18 | 3.03 |
| Worcester | (*) | 136.20 | 125.33 | (*) | 40.9 | 40.3 | (*) | 3.33 | 3.11 |
| MICHIGAN | 168.96 | 177.26 | 167.25 | 41.0 | 42.9 | 42.6 | 4.12 | 4.13 | 3.93 |
| Ann Arbor | 170.39 | 175.75 | 181.43 | 40.9 | 42.4 | 44.6 | 4.17 | 4.15 | 4.07 |
| Battle Creek | 167.74 | 169.35 | 164.06 | 42.9 | 43.4 | 44.4 | 3.91 | 3.90 | 3.70 |
| Bay City | 150.10 | 152.15 | 147.90 | 40.7 | 41.3 | 42.1 | 3.69 | 3.68 | 3.51 |
| Detroit | 177.44 | 192.23 | 172.14 | 40.8 | 44.2 | 42.4 | 4.35 | 4.35 | 4.05 |
| Flint | 187.06 | 195.68 | 202.79 | 40.7 | 42.1 | 44.5 | 4.60 | 4.65 | 4.56 |
| Grand Rapids | 148.07 | 147.66 | 140.01 | 40.7 | 40.6 | 40.7 | 3.64 | 3.64 | 3.44 |
| Jackson | 169.18 | 160.92 | 157.96 | 41.7 | 40.3 | 41.6 | 4.06 | 3.99 | 3.80 |
| Kalamazoo | 164.14 | 165.12 | 153.17 | 42.8 | 44.4 | 42.5 | 3.84 | 3.72 | 3.60 |
| Lansing | 173.00 | 173.03 | 189.07 | 40.6 | 40.8 | 44.3 | 4.26 | 4.24 | 4.27 |
| Muskegon-Muskegon Heights | 150.96 | 153.14 | 145.28 | 40.9 | 41.4 | 43.2 | 3.69 | 3.70 | 3.36 |
| Saginaw | 177.16 | 182.50 | 189.81 | 41.2 | 42.1 | 45.0 | 4.30 | 4.34 | 4.22 |
| MINNESOTA ¹ | 140.74 | 141.70 | 132.75 | 41.0 | 41.5 | 40.7 | 3.43 | 3.41 | 3.26 |
| Duluth-Superior ¹ | 131.59 | 128.75 | 123.36 | 39.7 | 39.3 | 39.2 | 3.32 | 3.28 | 3.14 |
| Minneapolis-St. Paul ¹ | 148.67 | 150.23 | 139.52 | 41.6 | 41.9 | 41.3 | 3.58 | 3.58 | 3.38 |
| MISSISSIPPI | 95.91 | 97.88 | 92.69 | 40.3 | 41.3 | 40.3 | 2.38 | 2.37 | 2.30 |
| Jackson | 93.61 | 94.76 | 92.62 | 40.7 | 41.2 | 40.8 | 2.30 | 2.30 | 2.27 |
| MISSOURI | 130.81 | 133.39 | 123.72 | 39.4 | 40.3 | 39.4 | 3.32 | 3.31 | 3.14 |
| Kansas City | 131.05 | 131.38 | 131.52 | 40.2 | 40.3 | 41.1 | 3.26 | 3.26 | 3.20 |
| St. Joseph | 147.53 | 144.42 | 135.41 | 44.2 | 43.5 | 43.4 | 3.34 | 3.32 | 3.12 |
| St. Louis | 147.68 | 150.18 | 138.50 | 39.7 | 40.7 | 39.8 | 3.72 | 3.69 | 3.48 |
| Springfield | 107.86 | 109.32 | 106.37 | 39.2 | 39.4 | 40.6 | 2.75 | 2.77 | 2.62 |
| MONTANA | 144.18 | 145.91 | 131.20 | 40.5 | 41.1 | 40.0 | 3.56 | 3.55 | 3.28 |
| NEBRASKA | 130.30 | 132.88 | 124.90 | 42.5 | 43.1 | 43.0 | 3.07 | 3.08 | 2.91 |
| Omaha | 132.78 | 136.18 | 127.25 | 41.7 | 42.5 | 42.4 | 3.18 | 3.21 | 3.00 |

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: Gross hours and earnings of production workers on manufacturing payrolls,
by State and selected areas--Continued**

| State and area | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|--|-------------------------|--------------|--------------|----------------------|--------------|--------------|-------------------------|--------------|--------------|
| | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 |
| NEVADA..... | \$162.00 | \$162.00 | \$155.57 | 40.1 | 40.1 | 40.2 | \$4.04 | \$4.04 | \$3.87 |
| NEW HAMPSHIRE..... | 107.32 | 107.06 | 101.35 | 39.6 | 39.8 | 39.9 | 2.71 | 2.69 | 2.54 |
| Manchester..... | 97.66 | 97.15 | 90.00 | 38.0 | 38.4 | 37.5 | 2.57 | 2.53 | 2.40 |
| NEW JERSEY..... | 135.68 | 137.94 | 129.11 | 40.5 | 41.3 | 40.6 | 3.35 | 3.34 | 3.18 |
| Atlantic City..... | 108.70 | 108.23 | 103.08 | 39.1 | 39.5 | 39.8 | 2.78 | 2.74 | 2.59 |
| Camden ² | 134.67 | 138.17 | 129.43 | 40.2 | 41.0 | 40.7 | 3.35 | 3.37 | 3.18 |
| Jersey City ³ | 141.92 | 143.90 | 134.37 | 40.9 | 42.2 | 41.6 | 3.47 | 3.41 | 3.23 |
| Newark ³ | 133.28 | 137.02 | 131.54 | 39.2 | 40.3 | 40.6 | 3.10 | 3.40 | 3.24 |
| Paterson-Clifton-Passaic ³ | 135.20 | 139.36 | 131.20 | 40.6 | 41.6 | 41.0 | 3.33 | 3.35 | 3.20 |
| Perth Amboy ³ | 141.17 | 140.35 | 134.23 | 40.8 | 40.8 | 40.8 | 3.46 | 3.44 | 3.29 |
| Trenton..... | 131.78 | 132.84 | 126.08 | 40.3 | 41.0 | 39.9 | 3.27 | 3.24 | 3.16 |
| NEW MEXICO..... | 102.22 | 102.94 | 106.34 | 38.0 | 38.7 | 40.9 | 2.69 | 2.66 | 2.60 |
| Albuquerque..... | 110.40 | 113.88 | 116.76 | 38.6 | 40.1 | 41.7 | 2.86 | 2.84 | 2.80 |
| NEW YORK..... | (*) | 132.93 | 126.17 | (*) | 39.8 | 39.8 | (*) | 3.34 | 3.17 |
| Albany-Schenectady-Troy..... | 135.20 | 136.61 | 134.64 | 40.6 | 40.9 | 40.8 | 3.33 | 3.34 | 3.30 |
| Binghamton..... | 138.35 | 141.81 | 129.13 | 42.7 | 43.5 | 42.2 | 3.24 | 3.26 | 3.06 |
| Buffalo..... | 159.01 | 157.77 | 153.04 | 41.3 | 41.3 | 41.7 | 3.85 | 3.82 | 3.67 |
| Elmira..... | 121.66 | 122.06 | 115.05 | 39.5 | 39.5 | 39.0 | 3.08 | 3.09 | 2.95 |
| Monroe County ⁴ | 159.42 | 162.93 | 150.95 | 41.3 | 42.1 | 41.7 | 3.86 | 3.87 | 3.62 |
| Nassau and Suffolk Counties ⁵ | 132.66 | 131.67 | 126.77 | 39.6 | 39.9 | 40.5 | 3.35 | 3.30 | 3.13 |
| New York-Northeastern New Jersey..... | (*) | 130.81 | 124.43 | (*) | 39.4 | 39.5 | (*) | 3.32 | 3.15 |
| New York SMSA ³ | (*) | 129.24 | 119.35 | (*) | 38.3 | 38.5 | (*) | 3.27 | 3.10 |
| New York City ⁵ | (*) | 123.55 | 117.42 | (*) | 37.9 | 38.0 | (*) | 3.26 | 3.09 |
| Rochester..... | 154.50 | 157.50 | 146.78 | 41.2 | 42.0 | 41.7 | 3.75 | 3.75 | 3.52 |
| Rockland County ⁵ | 135.22 | 141.19 | 132.06 | 41.1 | 42.4 | 42.6 | 3.29 | 3.33 | 3.10 |
| Syracuse..... | 143.85 | 145.46 | 135.63 | 41.1 | 41.8 | 41.1 | 3.50 | 3.48 | 3.30 |
| Utica-Rome..... | 126.88 | 128.70 | 120.99 | 39.9 | 40.6 | 40.6 | 3.18 | 3.17 | 2.98 |
| Westchester County ⁵ | 126.43 | 130.08 | 122.62 | 38.9 | 39.3 | 39.3 | 3.25 | 3.31 | 3.12 |
| NORTH CAROLINA..... | 95.11 | 98.16 | 90.52 | 39.3 | 40.9 | 39.7 | 2.42 | 2.40 | 2.28 |
| Asheville..... | 90.32 | 92.73 | 88.31 | 38.6 | 39.8 | 39.6 | 2.42 | 2.33 | 2.23 |
| Charlotte..... | 101.15 | 105.42 | 94.94 | 40.3 | 42.0 | 40.4 | 2.51 | 2.51 | 2.35 |
| Greensboro-Winston-Salem-High Point..... | 104.06 | 104.94 | 96.11 | 38.4 | 39.9 | 38.6 | 2.71 | 2.63 | 2.49 |
| Raleigh..... | 96.43 | 100.04 | 91.01 | 39.2 | 41.0 | 39.4 | 2.46 | 2.44 | 2.31 |
| NORTH DAKOTA ¹ | 110.63 | 111.96 | 107.67 | 39.0 | 39.4 | 38.9 | 2.84 | 2.84 | 2.77 |
| Fargo-Moorhead ¹ | 117.56 | 122.03 | 119.07 | 38.1 | 39.8 | 39.0 | 3.09 | 3.06 | 3.05 |
| OHIO..... | 152.89 | 157.83 | 147.33 | 41.1 | 42.2 | 41.5 | 3.72 | 3.74 | 3.55 |
| Akron..... | 171.30 | 177.80 | 168.05 | 42.4 | 43.9 | 43.2 | 4.05 | 4.05 | 3.89 |
| Canton..... | 158.79 | 160.50 | 144.42 | 42.8 | 42.8 | 41.5 | 3.71 | 3.75 | 3.48 |
| Cincinnati..... | 141.25 | 145.09 | 135.29 | 41.3 | 42.8 | 41.5 | 3.42 | 3.39 | 3.26 |
| Cleveland..... | 156.94 | 162.35 | 150.95 | 41.3 | 42.5 | 41.7 | 3.80 | 3.82 | 3.62 |
| Columbus..... | 141.10 | 147.08 | 134.46 | 40.2 | 41.2 | 39.9 | 3.51 | 3.57 | 3.37 |
| Dayton..... | 172.22 | 175.95 | 170.40 | 41.7 | 42.5 | 42.6 | 4.13 | 4.14 | 4.00 |
| Toledo..... | 163.12 | 166.66 | 162.49 | 41.4 | 42.3 | 43.1 | 3.94 | 3.94 | 3.77 |
| Youngstown-Warren..... | 155.24 | 160.78 | 153.47 | 39.4 | 40.6 | 40.6 | 3.94 | 3.96 | 3.78 |
| OKLAHOMA ¹ | 125.36 | 125.14 | 117.96 | 41.1 | 41.3 | 41.1 | 3.05 | 3.03 | 2.87 |
| Oklahoma City ¹ | 122.78 | 122.84 | 113.57 | 41.2 | 41.5 | 41.0 | 2.98 | 2.96 | 2.77 |
| Tulsa ¹ | 141.46 | 137.52 | 127.41 | 42.1 | 41.8 | 41.1 | 3.36 | 3.29 | 3.10 |
| OREGON..... | 143.21 | 146.17 | 131.83 | 38.6 | 39.4 | 38.1 | 3.71 | 3.71 | 3.46 |
| Eugene..... | 144.74 | 150.46 | 126.54 | 37.4 | 39.7 | 37.0 | 3.87 | 3.79 | 3.42 |
| Portland..... | 142.82 | 145.73 | 134.78 | 38.6 | 39.6 | 38.4 | 3.70 | 3.68 | 3.51 |
| PENNSYLVANIA..... | 128.70 | 130.54 | 123.29 | 39.6 | 39.8 | 39.9 | 3.25 | 3.28 | 3.09 |
| Allentown-Bethlehem-Easton..... | 128.05 | 130.22 | 118.17 | 39.4 | 39.7 | 39.0 | 3.25 | 3.28 | 3.03 |
| Altoona..... | 106.58 | 105.36 | 106.80 | 38.2 | 37.9 | 40.0 | 2.79 | 2.78 | 2.67 |
| Erie..... | 135.05 | 139.73 | 131.56 | 41.3 | 42.6 | 41.5 | 3.27 | 3.28 | 3.17 |
| Harrisburg..... | 120.59 | 124.23 | 110.83 | 39.8 | 41.0 | 39.3 | 3.03 | 3.03 | 2.82 |
| Johnstown..... | 128.93 | 129.31 | 118.26 | 37.7 | 37.7 | 36.5 | 3.42 | 3.43 | 3.24 |
| Lancaster..... | 121.30 | 122.81 | 111.44 | 40.3 | 40.8 | 39.8 | 3.01 | 3.01 | 2.80 |
| Philadelphia..... | 139.04 | 140.42 | 130.65 | 40.3 | 40.7 | 40.2 | 3.45 | 3.45 | 3.25 |
| Pittsburgh..... | 151.78 | 149.97 | 143.82 | 40.8 | 40.1 | 40.4 | 3.72 | 3.74 | 3.56 |
| Reading..... | 121.50 | 120.20 | 118.78 | 40.1 | 39.8 | 41.1 | 3.03 | 3.02 | 2.89 |
| Scranton..... | 100.54 | 100.88 | 96.14 | 37.1 | 37.5 | 38.0 | 2.71 | 2.69 | 2.53 |
| Wilkes-Barre-Hazleton..... | 95.57 | 93.86 | 89.79 | 36.2 | 36.1 | 36.8 | 2.64 | 2.60 | 2.44 |
| York..... | 125.04 | 126.26 | 115.78 | 42.1 | 42.8 | 42.1 | 2.97 | 2.95 | 2.75 |

See footnotes at end of table.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
STATE AND AREA HOURS AND EARNINGS

**C-10: Gross hours and earnings of production workers on manufacturing payrolls,
 by State and selected areas--Continued**

| State and area | Average weekly earnings | | | Average weekly hours | | | Average hourly earnings | | |
|---|-------------------------|-----------|-----------|----------------------|-----------|-----------|-------------------------|-----------|-----------|
| | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 | Jan. 1970 | Dec. 1969 | Jan. 1969 |
| RHODE ISLAND | \$112.12 | \$112.00 | \$104.40 | 39.9 | 40.0 | 40.0 | \$2.81 | \$2.80 | \$2.61 |
| Providence-Pawtucket-Warwick | 113.20 | 113.36 | 105.46 | 40.0 | 40.2 | 40.1 | 2.83 | 2.82 | 2.63 |
| SOUTH CAROLINA ¹ | 99.05 | 102.75 | 95.06 | 40.1 | 41.6 | 40.8 | 2.47 | 2.47 | 2.33 |
| Charleston ¹ | 122.60 | 118.26 | 110.29 | 41.7 | 40.5 | 41.0 | 2.94 | 2.92 | 2.69 |
| Greenville ¹ | 96.38 | 101.50 | 94.58 | 39.5 | 41.6 | 41.3 | 2.44 | 2.44 | 2.29 |
| SOUTH DAKOTA | 125.42 | 125.86 | 122.93 | 43.7 | 43.7 | 44.7 | 2.87 | 2.88 | 2.75 |
| Sioux Falls | 153.12 | 151.21 | 140.61 | 47.7 | 47.4 | 46.1 | 3.21 | 3.19 | 3.05 |
| TENNESSEE | (*) | 109.34 | 101.74 | (*) | 40.8 | 39.9 | (*) | 2.68 | 2.55 |
| Chattanooga | (*) | 118.98 | 111.52 | (*) | 41.6 | 40.7 | (*) | 2.86 | 2.74 |
| Knoxville | (*) | 118.60 | 113.47 | (*) | 39.8 | 39.4 | (*) | 2.98 | 2.88 |
| Memphis ¹ | 122.81 | 124.73 | 116.20 | 40.8 | 41.3 | 41.5 | 3.01 | 3.02 | 2.80 |
| Nashville | (*) | 118.32 | 109.87 | (*) | 40.8 | 40.1 | (*) | 2.90 | 2.74 |
| TEXAS ¹ | 128.33 | 131.15 | 119.36 | 41.0 | 41.9 | 41.3 | 3.13 | 3.13 | 2.89 |
| Amarillo ¹ | 109.76 | 109.89 | 107.30 | 40.5 | 40.7 | 40.8 | 2.71 | 2.70 | 2.63 |
| Austin ¹ | 105.52 | 106.51 | 100.04 | 40.9 | 42.1 | 41.0 | 2.58 | 2.53 | 2.44 |
| Beaumont-Port Arthur-Orange | 167.28 | 165.97 | 146.08 | 41.0 | 41.7 | 41.5 | 4.08 | 3.98 | 3.52 |
| Corpus Christi | 154.73 | 154.58 | 142.97 | 43.1 | 43.3 | 42.3 | 3.59 | 3.57 | 3.38 |
| Dallas | 124.01 | 127.14 | 117.86 | 41.2 | 42.1 | 41.5 | 3.01 | 3.02 | 2.84 |
| El Paso | 81.11 | 80.56 | 81.15 | 37.9 | 38.0 | 38.1 | 2.14 | 2.12 | 2.13 |
| Fort Worth | 133.33 | 143.47 | 126.07 | 40.7 | 42.7 | 41.2 | 3.26 | 3.36 | 3.06 |
| Galveston-Texas City | 184.46 | 175.53 | 162.36 | 42.6 | 41.3 | 41.0 | 4.33 | 4.25 | 3.96 |
| Houston ¹ | 152.44 | 153.64 | 140.68 | 42.7 | 43.4 | 42.5 | 3.57 | 3.54 | 3.31 |
| Lubbock | 113.99 | 112.97 | 107.28 | 44.7 | 44.3 | 44.7 | 2.55 | 2.55 | 2.40 |
| San Antonio ¹ | 102.85 | 103.32 | 97.47 | 42.5 | 42.0 | 41.3 | 2.42 | 2.46 | 2.36 |
| Waco | 113.57 | 111.72 | 104.67 | 41.0 | 39.9 | 39.8 | 2.77 | 2.80 | 2.63 |
| Wichita Falls ¹ | 96.32 | 96.71 | 93.15 | 39.8 | 39.8 | 40.5 | 2.42 | 2.43 | 2.30 |
| UTAH | 128.10 | 130.74 | 128.80 | 38.7 | 39.5 | 40.0 | 3.31 | 3.31 | 3.22 |
| Salt Lake City | 119.07 | 123.16 | 121.90 | 37.8 | 39.1 | 40.1 | 3.15 | 3.15 | 3.04 |
| VERMONT | 116.00 | 118.85 | 111.49 | 40.7 | 41.7 | 41.6 | 2.85 | 2.85 | 2.68 |
| Burlington | 128.59 | 130.03 | 122.69 | 42.3 | 43.2 | 42.9 | 3.04 | 3.01 | 2.86 |
| Springfield | 129.68 | 136.03 | 119.80 | 39.9 | 41.6 | 40.2 | 3.25 | 3.27 | 2.98 |
| VIRGINIA ¹ | 108.00 | 110.12 | 102.72 | 40.3 | 41.4 | 40.6 | 2.68 | 2.66 | 2.53 |
| Lynchburg ¹ | 104.65 | 110.94 | 101.75 | 41.2 | 43.0 | 41.7 | 2.54 | 2.58 | 2.44 |
| Norfolk-Portsmouth ¹ | 115.06 | 120.70 | 108.41 | 40.8 | 42.5 | 40.3 | 2.82 | 2.84 | 2.69 |
| Richmond ¹ | 117.41 | 121.76 | 110.76 | 39.4 | 41.7 | 39.7 | 2.98 | 2.92 | 2.79 |
| Roanoke ¹ | 98.89 | 105.15 | 96.52 | 40.2 | 42.4 | 40.9 | 2.46 | 2.48 | 2.36 |
| WASHINGTON | 156.41 | 157.61 | 145.13 | 39.3 | 39.6 | 38.7 | 3.98 | 3.98 | 3.75 |
| Seattle-Everett | 163.60 | 167.68 | 152.43 | 40.0 | 40.7 | 39.8 | 4.09 | 4.12 | 3.83 |
| Spokane | 145.16 | 148.97 | 140.73 | 38.0 | 39.1 | 39.2 | 3.82 | 3.81 | 3.59 |
| Tacoma | 143.58 | 149.00 | 134.32 | 37.1 | 38.6 | 36.7 | 3.87 | 3.86 | 3.66 |
| WEST VIRGINIA | 133.32 | 132.99 | 125.64 | 40.4 | 40.3 | 40.4 | 3.30 | 3.30 | 3.11 |
| Charleston | 166.22 | 164.59 | 148.51 | 43.4 | 43.2 | 41.6 | 3.83 | 3.81 | 3.57 |
| Huntington-Ashland | 135.72 | 136.82 | 130.87 | 39.0 | 38.7 | 39.3 | 3.48 | 3.54 | 3.33 |
| Wheeling | 135.66 | 136.21 | 131.75 | 39.9 | 40.3 | 41.3 | 3.40 | 3.38 | 3.19 |
| WISCONSIN | 145.15 | 148.14 | 136.75 | 40.9 | 41.7 | 41.0 | 3.55 | 3.55 | 3.34 |
| Green Bay | 148.27 | 151.61 | 140.79 | 42.8 | 44.1 | 42.8 | 3.46 | 3.44 | 3.29 |
| Kenosha | 164.97 | 188.63 | 144.35 | 41.0 | 45.1 | 39.6 | 4.02 | 4.19 | 3.65 |
| La Crosse | 116.74 | 123.25 | 113.06 | 39.6 | 40.9 | 39.9 | 2.95 | 3.02 | 2.83 |
| Madison | 153.77 | 155.04 | 141.49 | 40.1 | 40.7 | 39.2 | 3.84 | 3.81 | 3.61 |
| Milwaukee | 157.50 | 159.61 | 148.58 | 41.1 | 41.7 | 41.1 | 3.83 | 3.82 | 3.62 |
| Racine | 145.31 | 147.79 | 137.95 | 40.2 | 41.0 | 40.5 | 3.61 | 3.61 | 3.41 |
| WYOMING | 124.31 | 120.99 | 113.96 | 40.1 | 39.8 | 38.5 | 3.10 | 3.04 | 2.96 |
| Casper | 149.04 | 151.53 | 142.35 | 40.5 | 40.3 | 39.0 | 3.68 | 3.76 | 3.65 |

¹Revised series; not strictly comparable with previously published data.
²Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.
³Area included in New York-Northeastern New Jersey Standard Consolidated Area.
⁴Subarea of Rochester Standard Metropolitan Statistical Area.
⁵Subarea of New York Standard Metropolitan Statistical Area.

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

ESTABLISHMENT DATA
LABOR TURNOVER
D-1: Labor turnover rates in manufacturing
1959 to date

(Per 100 employees)

| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. | Annual average |
|--------------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|----------------|
| Total accessions | | | | | | | | | | | | | |
| 1959..... | 3.8 | 3.7 | 4.1 | 4.1 | 4.2 | 5.4 | 4.4 | 5.2 | 5.1 | 3.9 | 3.4 | 3.6 | 4.2 |
| 1960..... | 4.0 | 3.5 | 3.3 | 3.4 | 3.9 | 4.7 | 3.9 | 4.9 | 4.8 | 3.5 | 2.9 | 2.3 | 3.8 |
| 1961..... | 3.7 | 3.2 | 4.0 | 4.0 | 4.3 | 5.0 | 4.4 | 5.3 | 4.7 | 4.3 | 3.4 | 2.6 | 4.1 |
| 1962..... | 4.1 | 3.6 | 3.8 | 4.0 | 4.3 | 5.0 | 4.6 | 5.1 | 4.9 | 3.9 | 3.0 | 2.4 | 4.1 |
| 1963..... | 3.6 | 3.3 | 3.5 | 3.9 | 3.9 | 4.8 | 4.3 | 4.8 | 4.8 | 3.9 | 2.9 | 2.5 | 3.9 |
| 1964..... | 3.6 | 3.4 | 3.7 | 3.8 | 3.9 | 5.1 | 4.4 | 5.1 | 4.8 | 4.0 | 3.2 | 2.6 | 4.0 |
| 1965..... | 3.8 | 3.5 | 4.0 | 3.8 | 4.1 | 5.6 | 4.5 | 5.4 | 5.5 | 4.5 | 3.9 | 3.1 | 4.3 |
| 1966..... | 4.6 | 4.2 | 4.9 | 4.6 | 5.1 | 6.7 | 5.1 | 6.4 | 6.1 | 5.1 | 3.9 | 2.9 | 5.0 |
| 1967..... | 4.3 | 3.6 | 3.9 | 3.9 | 4.6 | 5.9 | 4.7 | 5.5 | 5.3 | 4.7 | 3.7 | 2.8 | 4.4 |
| 1968..... | 4.2 | 3.8 | 3.9 | 4.3 | 4.6 | 5.9 | 5.0 | 5.7 | 5.7 | 5.0 | 3.8 | 3.0 | 4.6 |
| 1969..... | 4.6 | 3.9 | 4.4 | 4.5 | 4.8 | 6.6 | 5.1 | 5.6 | 5.9 | 4.9 | 3.6 | 2.9 | 4.7 |
| 1970..... | 4.0 | | | | | | | | | | | | |
| New hires | | | | | | | | | | | | | |
| 1959..... | 2.0 | 2.1 | 2.4 | 2.5 | 2.7 | 3.7 | 3.0 | 3.5 | 3.5 | 2.6 | 1.9 | 1.5 | 2.6 |
| 1960..... | 2.2 | 2.2 | 2.0 | 2.0 | 2.3 | 3.0 | 2.4 | 2.9 | 2.8 | 2.1 | 1.5 | 1.0 | 2.2 |
| 1961..... | 1.5 | 1.4 | 1.6 | 1.8 | 2.1 | 2.9 | 2.5 | 3.1 | 3.0 | 2.7 | 2.0 | 1.4 | 2.2 |
| 1962..... | 2.2 | 2.1 | 2.2 | 2.4 | 2.8 | 3.5 | 2.9 | 3.2 | 3.1 | 2.5 | 1.8 | 1.2 | 2.5 |
| 1963..... | 1.9 | 1.8 | 2.0 | 2.3 | 2.5 | 3.3 | 2.7 | 3.2 | 3.2 | 2.6 | 1.8 | 1.4 | 2.4 |
| 1964..... | 2.0 | 2.0 | 2.2 | 2.4 | 2.5 | 3.6 | 2.9 | 3.4 | 3.5 | 2.8 | 2.2 | 1.6 | 2.6 |
| 1965..... | 2.4 | 2.4 | 2.8 | 2.6 | 3.0 | 4.3 | 3.2 | 3.9 | 4.0 | 3.5 | 2.9 | 2.2 | 3.1 |
| 1966..... | 3.2 | 3.1 | 3.7 | 3.6 | 4.1 | 5.6 | 3.9 | 4.8 | 4.7 | 4.2 | 3.1 | 2.1 | 3.8 |
| 1967..... | 3.0 | 2.7 | 2.8 | 2.8 | 3.3 | 4.6 | 3.3 | 4.0 | 4.1 | 3.7 | 2.8 | 2.0 | 3.3 |
| 1968..... | 3.0 | 2.7 | 2.9 | 3.2 | 3.6 | 4.7 | 3.7 | 4.3 | 4.5 | 4.0 | 2.9 | 2.2 | 3.5 |
| 1969..... | 3.3 | 3.0 | 3.4 | 3.5 | 3.8 | 5.4 | 3.9 | 4.3 | 4.8 | 4.0 | 2.8 | 2.1 | 3.7 |
| 1970..... | 2.9 | | | | | | | | | | | | |
| Total separations | | | | | | | | | | | | | |
| 1959..... | 3.7 | 3.1 | 3.3 | 3.6 | 3.5 | 3.6 | 4.0 | 4.6 | 5.3 | 5.5 | 4.7 | 3.9 | 4.1 |
| 1960..... | 3.6 | 3.5 | 4.0 | 4.2 | 3.9 | 4.0 | 4.4 | 4.8 | 5.3 | 4.7 | 4.5 | 4.8 | 4.3 |
| 1961..... | 4.7 | 3.9 | 3.8 | 3.4 | 3.5 | 3.6 | 4.1 | 4.2 | 5.1 | 4.2 | 4.0 | 4.0 | 4.0 |
| 1962..... | 3.9 | 3.4 | 3.6 | 3.6 | 3.8 | 3.8 | 4.4 | 5.1 | 5.0 | 4.4 | 4.0 | 3.8 | 4.1 |
| 1963..... | 4.0 | 3.2 | 3.5 | 3.6 | 3.6 | 3.4 | 4.1 | 4.8 | 4.9 | 4.1 | 3.9 | 3.7 | 3.9 |
| 1964..... | 4.0 | 3.3 | 3.5 | 3.5 | 3.6 | 3.5 | 4.4 | 4.3 | 5.1 | 4.2 | 3.6 | 3.7 | 3.9 |
| 1965..... | 3.7 | 3.1 | 3.4 | 3.7 | 3.6 | 3.6 | 4.3 | 5.1 | 5.6 | 4.5 | 3.9 | 4.1 | 4.1 |
| 1966..... | 4.0 | 3.6 | 4.1 | 4.3 | 4.3 | 4.4 | 5.3 | 5.8 | 6.6 | 4.8 | 4.3 | 4.2 | 4.6 |
| 1967..... | 4.5 | 4.0 | 4.6 | 4.3 | 4.2 | 4.3 | 4.8 | 5.3 | 6.2 | 4.7 | 4.0 | 3.9 | 4.6 |
| 1968..... | 4.4 | 3.9 | 4.1 | 4.1 | 4.3 | 4.1 | 5.0 | 6.0 | 6.3 | 4.9 | 4.1 | 3.8 | 4.6 |
| 1969..... | 4.5 | 4.0 | 4.4 | 4.5 | 4.6 | 4.5 | 5.3 | 6.2 | 6.6 | 5.3 | 4.3 | 4.1 | 4.9 |
| 1970..... | 4.7 | | | | | | | | | | | | |
| Quits | | | | | | | | | | | | | |
| 1959..... | 1.1 | 1.0 | 1.2 | 1.4 | 1.5 | 1.5 | 1.6 | 2.1 | 2.6 | 1.7 | 1.2 | 1.0 | 1.5 |
| 1960..... | 1.2 | 1.2 | 1.2 | 1.4 | 1.3 | 1.4 | 1.4 | 1.8 | 2.3 | 1.3 | .9 | .7 | 1.3 |
| 1961..... | .9 | .8 | .9 | 1.0 | 1.1 | 1.2 | 1.2 | 1.7 | 2.3 | 1.4 | 1.1 | .9 | 1.2 |
| 1962..... | 1.1 | 1.1 | 1.2 | 1.3 | 1.5 | 1.5 | 1.4 | 2.1 | 2.4 | 1.5 | 1.1 | .8 | 1.4 |
| 1963..... | 1.1 | 1.0 | 1.2 | 1.3 | 1.4 | 1.4 | 1.4 | 2.1 | 2.4 | 1.5 | 1.1 | .8 | 1.4 |
| 1964..... | 1.2 | 1.1 | 1.2 | 1.3 | 1.5 | 1.4 | 1.5 | 2.1 | 2.7 | 1.7 | 1.2 | 1.0 | 1.5 |
| 1965..... | 1.4 | 1.3 | 1.5 | 1.7 | 1.7 | 1.7 | 1.8 | 2.6 | 3.5 | 2.2 | 1.7 | 1.4 | 1.9 |
| 1966..... | 1.9 | 1.8 | 2.3 | 2.5 | 2.5 | 2.5 | 2.5 | 3.6 | 4.5 | 2.8 | 2.1 | 1.7 | 2.6 |
| 1967..... | 2.1 | 1.9 | 2.1 | 2.2 | 2.2 | 2.3 | 2.1 | 3.2 | 4.0 | 2.5 | 1.9 | 1.5 | 2.3 |
| 1968..... | 2.0 | 1.9 | 2.1 | 2.2 | 2.4 | 2.2 | 2.3 | 3.7 | 4.1 | 2.8 | 2.1 | 1.6 | 2.5 |
| 1969..... | 2.3 | 2.1 | 2.4 | 2.6 | 2.7 | 2.6 | 2.6 | 4.0 | 4.4 | 2.9 | 2.1 | 1.6 | 2.7 |
| 1970..... | 2.1 | | | | | | | | | | | | |
| Layoffs | | | | | | | | | | | | | |
| 1959..... | 2.1 | 1.5 | 1.6 | 1.6 | 1.4 | 1.4 | 1.8 | 1.8 | 2.0 | 3.2 | 2.9 | 2.4 | 2.0 |
| 1960..... | 1.8 | 1.7 | 2.2 | 2.2 | 1.9 | 2.0 | 2.4 | 2.4 | 2.4 | 2.8 | 3.1 | 3.6 | 2.4 |
| 1961..... | 3.2 | 2.6 | 2.3 | 1.9 | 1.8 | 1.8 | 2.3 | 1.8 | 2.1 | 2.0 | 2.2 | 2.6 | 2.2 |
| 1962..... | 2.1 | 1.7 | 1.6 | 1.6 | 1.6 | 1.6 | 2.2 | 2.2 | 1.9 | 2.2 | 2.3 | 2.5 | 2.0 |
| 1963..... | 2.2 | 1.6 | 1.7 | 1.6 | 1.5 | 1.4 | 2.0 | 1.9 | 1.8 | 1.9 | 2.1 | 2.3 | 1.8 |
| 1964..... | 2.0 | 1.6 | 1.6 | 1.4 | 1.4 | 1.3 | 2.1 | 1.4 | 1.5 | 1.8 | 1.7 | 2.1 | 1.7 |
| 1965..... | 1.6 | 1.2 | 1.2 | 1.3 | 1.1 | 1.1 | 1.8 | 1.6 | 1.3 | 1.4 | 1.5 | 1.9 | 1.4 |
| 1966..... | 1.3 | 1.0 | 1.0 | 1.0 | .9 | 1.0 | 2.0 | 1.1 | 1.0 | 1.1 | 1.3 | 1.7 | 1.2 |
| 1967..... | 1.5 | 1.3 | 1.5 | 1.3 | 1.1 | 1.1 | 1.9 | 1.2 | 1.2 | 1.3 | 1.3 | 1.6 | 1.4 |
| 1968..... | 1.5 | 1.2 | 1.1 | 1.0 | 1.0 | .9 | 1.7 | 1.2 | 1.1 | 1.2 | 1.2 | 1.4 | 1.2 |
| 1969..... | 1.2 | 1.0 | 1.0 | .9 | .9 | .9 | 1.6 | 1.1 | 1.1 | 1.3 | 1.3 | 1.8 | 1.2 |
| 1970..... | 1.6 | | | | | | | | | | | | |

NOTE: Data for the current month are preliminary.

**ESTABLISHMENT DATA
LABOR TURNOVER**

D-2: Labor turnover rates, by industry

(Per 100 employees)

| SIC Code | Industry | Accession rates | | | | | | Separation rates | | | | | | | | |
|----------------|---|-----------------|-----------|-----------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | Total | | | New hires | | | Total | | | Quits | | | Layoffs | | |
| | | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 |
| - | MANUFACTURING | 4.0 | 2.9 | 4.7 | 2.9 | 2.1 | 3.7 | 4.7 | 4.1 | 4.9 | 2.1 | 1.6 | 2.7 | 1.6 | 1.8 | 1.2 |
| 19,24,25,32-39 | DURABLE GOODS | 3.6 | 2.6 | 4.4 | 2.5 | 1.9 | 3.4 | 4.6 | 3.9 | 4.6 | 1.9 | 1.4 | 2.5 | 1.7 | 1.7 | 1.1 |
| 20-23,26-31 | NONDURABLE GOODS | 4.6 | 3.2 | 5.2 | 3.4 | 2.4 | 4.0 | 4.8 | 4.5 | 5.3 | 2.5 | 1.9 | 3.0 | 1.4 | 1.9 | 1.4 |
| | <i>Durable Goods</i> | | | | | | | | | | | | | | | |
| 19 | ORDNANCE AND ACCESSORIES | 1.9 | 1.3 | 2.4 | 1.3 | .6 | 1.7 | 4.5 | 4.1 | 3.8 | 1.3 | 1.0 | 1.8 | 2.4 | 2.6 | 1.2 |
| 192 | Ammunition, except for small arms | 1.9 | 1.2 | 2.3 | 1.3 | .5 | 1.6 | 4.6 | 4.2 | 3.9 | 1.4 | .9 | 1.8 | 2.4 | 2.7 | 1.3 |
| 24 | LUMBER AND WOOD PRODUCTS | 5.6 | 3.4 | 6.3 | 3.5 | 2.8 | 5.4 | 6.2 | 5.4 | 6.7 | 3.0 | 2.6 | 4.5 | 2.5 | 2.1 | 1.2 |
| 242 | Sawmills and planing mills | 4.5 | 2.9 | 5.7 | 3.2 | 2.6 | 5.0 | 5.7 | 4.8 | 6.0 | 2.9 | 2.5 | 4.3 | 2.0 | 1.6 | .8 |
| 2421 | Sawmills and planing mills, general | 4.5 | 2.7 | 5.4 | 3.1 | 2.4 | 4.7 | 5.5 | 4.8 | 5.7 | 2.8 | 2.3 | 3.9 | 2.1 | 1.8 | .9 |
| 243 | Millwork, plywood & related products | 4.7 | 3.2 | 5.4 | 3.3 | 2.6 | 4.8 | 5.3 | 4.4 | 6.1 | 2.7 | 2.3 | 4.0 | 1.9 | 1.5 | 1.2 |
| 2431 | Millwork | 4.7 | 3.3 | 4.9 | 3.6 | 2.6 | 4.4 | 4.7 | 3.6 | 5.6 | 2.3 | 1.9 | 3.6 | 1.8 | 1.3 | 1.2 |
| 2432 | Veneer and plywood | 4.7 | 3.2 | 5.1 | 2.9 | 2.8 | 4.5 | 4.8 | 4.1 | 5.9 | 2.7 | 2.3 | 3.9 | 1.2 | 1.1 | 1.1 |
| 244 | Wooden containers | 6.6 | 4.7 | 8.5 | 5.9 | 4.2 | 7.6 | 7.6 | 6.9 | 8.8 | 4.9 | 4.0 | 6.1 | 1.8 | 2.0 | 1.4 |
| 2441,2 | Wooden boxes, shooks, and crates | 5.8 | 4.3 | 8.0 | 5.1 | 3.8 | 7.1 | 6.8 | 6.8 | 8.5 | 3.9 | 3.3 | 5.6 | 2.2 | 2.4 | 1.6 |
| 249 | Miscellaneous wood products | 5.3 | 3.9 | 6.5 | 4.3 | 3.3 | 5.7 | 5.4 | 4.8 | 6.4 | 3.1 | 2.8 | 4.5 | 1.2 | 1.1 | .7 |
| 25 | FURNITURE AND FIXTURES | 4.6 | 3.3 | 6.4 | 3.8 | 2.9 | 5.7 | 6.3 | 4.6 | 6.5 | 3.1 | 2.6 | 4.6 | 1.6 | 1.2 | .7 |
| 251 | Household furniture | 4.6 | 3.3 | 6.6 | 3.9 | 2.9 | 5.9 | 6.0 | 4.8 | 6.8 | 3.3 | 2.8 | 4.8 | 1.4 | 1.2 | .7 |
| 2511 | Wood household furniture | 4.8 | 3.1 | 6.4 | 3.9 | 2.6 | 5.6 | 6.3 | 4.6 | 6.8 | 3.4 | 2.7 | 4.9 | 1.6 | 1.3 | .7 |
| 2512 | Upholstered household furniture | 3.7 | 2.4 | 5.1 | 3.2 | 2.2 | 4.7 | 5.2 | 3.7 | 5.2 | 2.8 | 2.2 | 3.8 | 1.4 | .9 | .5 |
| 2515 | Mattresses and bedsprings | 5.6 | 4.0 | 7.5 | 5.2 | 3.5 | 6.9 | 6.2 | 5.0 | 7.5 | 4.1 | 3.4 | 5.4 | .6 | .7 | .7 |
| 252 | Office furniture | 5.0 | 3.6 | 5.8 | 4.6 | 3.3 | 5.3 | 5.5 | 3.7 | 5.3 | 3.0 | 2.4 | 3.9 | 1.0 | .5 | .4 |
| 32 | STONE, CLAY, AND GLASS PRODUCTS | 3.7 | 2.9 | 5.0 | 3.0 | 2.3 | 4.1 | 5.3 | 4.7 | 5.0 | 2.3 | 1.9 | 3.0 | 2.1 | 2.0 | 1.0 |
| 321 | Flat glass | 1.9 | 2.6 | 2.8 | .8 | .8 | .8 | 3.2 | 3.7 | 3.3 | .5 | .3 | .6 | 1.9 | 2.6 | 2.2 |
| 322 | Glass and glassware, pressed or blown | 3.7 | 2.3 | 4.4 | 2.6 | 1.6 | 3.4 | 4.5 | 4.8 | 4.7 | 2.3 | 1.4 | 2.6 | 1.1 | 2.5 | 1.0 |
| 3221 | Glass containers | 4.3 | 2.7 | 5.0 | 3.1 | 1.8 | 4.0 | 5.0 | 4.4 | 5.0 | 2.9 | 1.6 | 3.2 | 1.3 | 2.2 | .8 |
| 3229 | Pressed and blown glass, n e c | 2.9 | 1.9 | 3.8 | 2.0 | 1.3 | 2.5 | 3.7 | 5.3 | 4.4 | 1.6 | 1.2 | 1.8 | .8 | 3.0 | 1.2 |
| 324 | Cement, hydraulic | 1.8 | 1.4 | 2.4 | 1.2 | 1.1 | 1.7 | 5.1 | 3.2 | 2.4 | .7 | .6 | 1.1 | 3.8 | 1.9 | .7 |
| 325 | Structural clay products | 3.6 | 3.1 | 5.9 | 2.6 | 2.5 | 5.2 | 7.3 | 5.2 | 6.5 | 3.1 | 2.5 | 4.4 | 3.4 | 1.9 | 1.1 |
| 3251 | Brick and structural clay tile | 4.4 | 3.4 | 6.7 | 2.7 | 2.6 | 6.0 | 9.9 | 5.9 | 7.6 | 3.7 | 3.0 | 5.3 | 5.4 | 2.1 | 1.3 |
| 326 | Pottery and related products | 4.8 | 3.2 | 5.4 | 3.7 | 2.8 | 4.7 | 4.5 | 3.9 | 5.0 | 2.8 | 2.5 | 3.5 | .5 | .5 | .4 |
| 3291 | Abrasive products | (1) | 1.8 | 3.0 | (1) | 1.6 | 2.7 | (1) | 1.7 | 2.7 | (1) | .9 | 1.6 | (1) | .2 | .2 |
| 33 | PRIMARY METAL INDUSTRIES | 3.2 | 2.5 | 4.0 | 2.2 | 1.7 | 3.0 | 3.9 | 3.2 | 3.8 | 1.6 | 1.2 | 2.0 | 1.0 | 1.1 | .6 |
| 331 | Blast furnace and basic steel products | 2.6 | 1.9 | 3.3 | 1.3 | 1.1 | 2.3 | 3.5 | 2.5 | 2.9 | 1.0 | .7 | 1.4 | 1.0 | .8 | .4 |
| 3312 | Blast furnaces and steel mills | 2.6 | 1.9 | 3.3 | 1.1 | 1.0 | 2.2 | 3.4 | 2.5 | 2.8 | .9 | .7 | 1.3 | 1.0 | .9 | .4 |
| 332 | Iron and steel foundries | 5.2 | 3.9 | 5.8 | 4.6 | 3.2 | 4.9 | 5.3 | 4.5 | 5.6 | 3.2 | 2.2 | 3.4 | .6 | 1.3 | .7 |
| 3321 | Gray iron foundries | 5.4 | 4.0 | 6.0 | 4.9 | 3.2 | 5.0 | 5.4 | 4.9 | 5.8 | 3.5 | 2.3 | 3.6 | .4 | 1.5 | .8 |
| 3322 | Malleable iron foundries | 5.0 | 4.2 | 5.8 | 3.9 | 3.2 | 5.0 | 4.8 | 4.4 | 5.7 | 2.6 | 2.1 | 3.5 | .8 | 1.0 | .7 |
| 3323 | Steel foundries | 5.0 | 3.7 | 5.4 | 4.4 | 3.1 | 4.7 | 5.1 | 3.8 | 5.2 | 2.7 | 1.9 | 3.1 | .9 | .7 | .6 |
| 333,4 | Nonferrous metals | 2.6 | 2.3 | 3.4 | 2.4 | 1.9 | 2.9 | 2.5 | 2.2 | 3.3 | 1.3 | 1.2 | 2.0 | .4 | .3 | .3 |
| 335 | Nonferrous rolling and drawing | 2.1 | 2.5 | 3.7 | 1.6 | 1.5 | 2.4 | 3.3 | 3.1 | 3.6 | 1.1 | 1.0 | 1.6 | 1.3 | 1.4 | 1.2 |
| 3351 | Copper rolling and drawing | 2.2 | 1.4 | 2.8 | 1.6 | 1.1 | 2.4 | 3.4 | 2.4 | 3.0 | 1.3 | .8 | 1.5 | 1.1 | .7 | .4 |
| 3352 | Aluminum rolling and drawing | 2.2 | 2.2 | 2.7 | 1.4 | 1.7 | 2.1 | 4.2 | 3.3 | 3.2 | 1.0 | 1.0 | 1.5 | 2.5 | 1.4 | .7 |
| 3357 | Nonferrous wire drawing, and insulating | 2.0 | 3.6 | 5.4 | 1.8 | 1.6 | 3.0 | 2.5 | 3.6 | 4.7 | 1.1 | 1.2 | 1.7 | .5 | 1.9 | 2.2 |
| 336 | Nonferrous foundries | 4.9 | 3.5 | 6.0 | 3.8 | 2.8 | 5.2 | 6.9 | 5.4 | 6.2 | 2.9 | 2.3 | 3.7 | 1.9 | 1.8 | .9 |
| 3361 | Aluminum castings | 5.3 | 4.0 | 6.2 | 3.6 | 3.2 | 5.3 | 7.9 | 4.9 | 6.2 | 2.8 | 2.5 | 3.8 | 2.2 | .9 | .7 |
| 3362,9 | Other nonferrous castings | 4.5 | 2.8 | 5.8 | 3.9 | 2.4 | 5.1 | 5.8 | 6.1 | 6.2 | 3.0 | 2.2 | 3.7 | 1.6 | 2.8 | 1.0 |
| 339 | Miscellaneous primary metal products | 3.4 | 2.4 | 3.7 | 2.1 | 1.7 | 3.0 | 3.6 | 3.3 | 3.6 | 1.4 | 1.1 | 2.0 | 1.2 | 1.3 | .6 |
| 3391 | Iron and steel forgings | 3.4 | 2.3 | 3.4 | 2.1 | 1.7 | 2.9 | 3.2 | 3.3 | 3.4 | 1.3 | 1.0 | 1.8 | 1.0 | 1.5 | .6 |

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

ESTABLISHMENT DATA LABOR TURNOVER

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

| | | (Per 100 employees) | | | | | | | | | | | | | | |
|---------------------------------|--|---------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|-----------|------------------|------------------|------------------|------------------|
| SIC Code | Industry | Accession rates | | | | | | Separation rates | | | | | | | | |
| | | Total | | | New hires | | | Total | | | Quits | | | Layoffs | | |
| | | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 |
| <i>Durable Goods--Continued</i> | | | | | | | | | | | | | | | | |
| | FABRICATED METAL PRODUCTS | 4.3 | 3.3 | 5.3 | 3.5 | 2.5 | 4.4 | 5.1 | 4.0 | 5.4 | 2.3 | 1.8 | 3.1 | 1.7 | 1.3 | 1.2 |
| 34 | Metal cans | (¹) | 4.5 | 5.3 | (¹) | 1.3 | 2.8 | (¹) | 5.8 | 5.6 | (¹) | .7 | 1.9 | (¹) | 4.0 | 2.3 |
| 341 | Cutlery, hand tools, and hardware | 4.0 | 3.2 | 4.7 | 3.4 | 2.2 | 3.5 | 4.5 | 3.5 | 5.0 | 2.1 | 1.5 | 2.5 | 1.2 | 1.2 | 1.4 |
| 3421,3,5 | Cutlery and hand tools, incl. saws | 3.8 | 3.2 | 4.5 | 3.5 | 2.8 | 4.0 | 3.5 | 2.6 | 4.1 | 2.0 | 1.6 | 2.7 | .6 | .2 | .4 |
| 3429 | Hardware, n e c | 4.1 | 3.2 | 4.9 | 3.4 | 1.8 | 3.1 | 5.2 | 4.1 | 5.5 | 2.2 | 1.4 | 2.3 | 1.7 | 1.9 | 2.1 |
| 343 | Plumbing and heating, except electric | 3.8 | 3.4 | 5.5 | 3.3 | 3.0 | 5.0 | 4.2 | 4.3 | 5.4 | 2.2 | 2.3 | 3.5 | 1.0 | .9 | .6 |
| 3431,2 | Sanitary ware & plumbers' brass goods | 2.8 | 3.7 | 5.3 | 2.4 | 3.1 | 4.9 | 3.6 | 3.9 | 5.6 | 2.0 | 2.4 | 3.6 | 1.0 | .5 | .6 |
| 3433 | Heating equipment, except electric | 4.4 | 3.2 | 5.6 | 4.0 | 2.9 | 5.2 | 4.5 | 4.5 | 5.2 | 2.3 | 2.2 | 3.4 | .9 | 1.3 | .6 |
| 344 | Fabricated structural metal products | 4.2 | 3.2 | 5.5 | 3.9 | 2.8 | 4.9 | 5.0 | 3.8 | 5.5 | 2.4 | 1.8 | 3.2 | 1.5 | 1.0 | 1.0 |
| 3441 | Fabricated structural steel | 4.9 | 4.2 | 5.6 | 4.6 | 3.7 | 4.9 | 6.0 | 4.3 | 5.6 | 2.9 | 2.1 | 3.2 | 1.8 | 1.1 | 1.1 |
| 3443 | Fabricated plate work (boiler shops) | 3.4 | 2.7 | 3.8 | 3.1 | 2.3 | 3.4 | 3.6 | 2.5 | 3.7 | 1.9 | 1.3 | 2.2 | .7 | .5 | .6 |
| 3446,9 | Architectural and misc. metal work | 3.9 | 3.1 | 6.7 | 3.5 | 2.7 | 5.7 | 6.2 | 4.5 | 6.3 | 2.3 | 1.8 | 3.4 | 2.8 | 1.8 | 1.5 |
| 345 | Screw machine products, bolts, etc. | 3.8 | 3.1 | 4.6 | 3.5 | 2.6 | 4.2 | 3.6 | 3.1 | 4.5 | 2.0 | 1.9 | 3.0 | .5 | .3 | .4 |
| 3452 | Bolts, nuts, rivets, and washers | 3.4 | 2.2 | 3.9 | 3.2 | 1.8 | 3.4 | 3.4 | 2.7 | 3.7 | 1.7 | 1.4 | 2.3 | .5 | .2 | .3 |
| 346 | Metal stampings | 4.1 | 2.8 | 5.1 | 2.4 | 1.6 | 3.5 | 6.0 | 4.1 | 5.6 | 2.0 | 1.4 | 2.5 | 2.8 | 1.7 | 2.0 |
| 348 | Misc. fabricated wire products | 5.0 | 4.4 | 5.9 | 4.4 | 3.5 | 5.4 | 6.3 | 5.4 | 6.0 | 3.0 | 2.8 | 4.1 | 2.1 | 1.7 | .7 |
| 349 | Misc. fabricated metal products | 3.8 | 2.9 | 4.7 | 3.2 | 2.6 | 4.2 | 3.4 | 3.1 | 4.6 | 1.9 | 1.8 | 3.0 | .5 | .5 | .5 |
| 3494,8 | Valves, pipe, and pipe fittings | 3.8 | 2.8 | 4.3 | 3.0 | 2.5 | 3.8 | 3.4 | 2.9 | 4.4 | 1.8 | 1.6 | 2.8 | .6 | .5 | .6 |
| 35 | MACHINERY, EXCEPT ELECTRICAL | 3.3 | 2.4 | 3.6 | 2.6 | 1.8 | 2.9 | 3.2 | 2.3 | 3.5 | 1.6 | 1.1 | 1.9 | .7 | .5 | .6 |
| 351 | Engines and turbines | 2.9 | 1.9 | 3.7 | 1.9 | 1.0 | 2.2 | 2.6 | 2.3 | 3.8 | .9 | .7 | 1.4 | .5 | .6 | 1.2 |
| 3511 | Steam engines and turbines | 2.1 | 1.5 | 2.1 | 1.5 | 1.0 | 1.5 | 1.0 | 1.1 | 1.9 | .7 | .5 | .9 | (²) | .1 | .1 |
| 3519 | Internal combustion engines, n e c | 3.2 | 2.0 | 4.5 | 2.1 | 1.0 | 2.6 | 3.2 | 2.7 | 4.7 | 1.0 | .8 | 1.6 | .7 | .8 | 1.8 |
| 352 | Farm machinery | 5.5 | 4.2 | 4.1 | 3.7 | 2.1 | 2.4 | 3.7 | 2.3 | 4.6 | 1.8 | 1.1 | 1.8 | 1.1 | .5 | 1.8 |
| 353 | Construction and related machinery | 3.4 | 2.3 | 3.5 | 3.1 | 2.0 | 3.1 | 3.0 | 2.0 | 3.1 | 1.4 | 1.0 | 1.9 | .6 | .2 | .3 |
| 3531,2 | Construction and mining machinery | 2.8 | 1.9 | 3.0 | 2.5 | 1.6 | 2.6 | 2.2 | 1.6 | 2.7 | .9 | .7 | 1.5 | .4 | .2 | .2 |
| 3533 | Oil field machinery | 3.8 | 3.0 | 4.3 | 3.6 | 2.9 | 4.0 | 3.2 | 2.7 | 3.7 | 1.9 | 1.6 | 2.5 | .1 | .2 | .1 |
| 3535,6 | Conveyors, hoists, cranes, monorails | 3.6 | 2.1 | 3.4 | 3.4 | 2.0 | 3.1 | 3.3 | 1.9 | 3.3 | 1.4 | 1.1 | 2.1 | .9 | .2 | .3 |
| 354 | Metal working machinery | 3.0 | 2.2 | 3.3 | 2.7 | 1.8 | 2.7 | 3.3 | 2.1 | 3.1 | 1.6 | 1.0 | 1.7 | .8 | .4 | .5 |
| 3541 | Machine tools, metal cutting types | 2.4 | 1.6 | 2.3 | 2.1 | 1.4 | 2.0 | 2.3 | 1.8 | 2.3 | .9 | .8 | 1.4 | .8 | .3 | .3 |
| 3545 | Machine tool accessories | 2.6 | 2.0 | 2.8 | 2.2 | 1.5 | 2.3 | 3.1 | 2.2 | 2.9 | 1.6 | 1.0 | 1.8 | .5 | .5 | .4 |
| 3542,8 | Misc. metal working machinery | 3.0 | 1.9 | 3.0 | 2.5 | 1.7 | 2.5 | 2.7 | 1.8 | 2.5 | 1.3 | 1.0 | 1.6 | .7 | .2 | .2 |
| 355 | Special industry machinery | 3.0 | 2.3 | 3.1 | 2.6 | 1.9 | 2.7 | 3.0 | 2.0 | 2.9 | 1.6 | 1.0 | 1.8 | .6 | .3 | .4 |
| 3551 | Food products machinery | 3.9 | 2.9 | 3.1 | 3.1 | 2.2 | 2.7 | 3.3 | 1.9 | 2.8 | 1.7 | .9 | 1.6 | .9 | .2 | .3 |
| 3552 | Textile machinery | 3.2 | 2.6 | 3.7 | 2.8 | 2.1 | 3.0 | 3.7 | 2.6 | 3.7 | 1.8 | 1.3 | 2.3 | 1.0 | .6 | .5 |
| 356 | General industrial machinery | 2.9 | 2.4 | 3.5 | 2.4 | 1.8 | 2.9 | 2.9 | 2.4 | 3.4 | 1.5 | 1.1 | 1.9 | .6 | .5 | .6 |
| 3561 | Pumps and compressors | 3.2 | 2.4 | 3.2 | 2.7 | 2.0 | 2.8 | 3.0 | 2.4 | 3.1 | 1.5 | 1.1 | 1.9 | .5 | .5 | .3 |
| 3562 | Ball and roller bearings | 2.5 | 2.6 | 3.4 | 1.8 | 1.0 | 2.0 | 2.3 | 2.6 | 3.6 | 1.3 | .8 | 1.4 | .6 | 1.3 | 1.4 |
| 3566 | Power transmission equipment | 2.4 | 1.9 | 3.5 | 2.0 | 1.6 | 3.0 | 3.0 | 1.8 | 3.2 | 1.5 | .9 | 2.0 | .8 | .1 | .2 |
| 357 | Office and computing machines | 2.5 | 2.2 | 3.3 | 1.6 | 1.6 | 2.6 | 2.3 | 2.1 | 2.8 | 1.1 | 1.0 | 1.5 | .1 | .3 | .2 |
| 3573 | Electronic computing equipment | 2.2 | 1.8 | (¹) | 1.2 | 1.4 | (¹) | 2.1 | 1.6 | (¹) | .9 | .9 | (¹) | .1 | .1 | (¹) |
| 358 | Service industry machines | 4.1 | 2.7 | 4.9 | 3.3 | 2.4 | 4.2 | 4.1 | 3.1 | 4.6 | 1.8 | 1.4 | 2.6 | .9 | .8 | .6 |
| 3585 | Refrigeration machinery | 4.6 | 3.1 | 5.2 | 3.7 | 2.6 | 4.4 | 4.3 | 3.3 | 4.7 | 2.0 | 1.5 | 2.6 | .8 | .9 | .6 |
| 36 | ELECTRICAL EQUIPMENT AND SUPPLIES | 3.2 | 2.4 | 4.0 | 2.3 | 1.8 | 3.1 | 4.4 | 3.2 | 4.0 | 1.9 | 1.4 | 2.3 | 1.5 | 1.1 | .7 |
| 361 | Electric test & distributing equipment | 4.1 | 2.7 | 3.7 | 3.5 | 2.3 | 3.1 | 4.1 | 2.8 | 3.3 | 2.2 | 1.3 | 2.0 | 1.0 | .7 | .3 |
| 3611 | Electric measuring instruments | 4.5 | 2.8 | 4.3 | 3.5 | 2.3 | 3.5 | 5.1 | 4.1 | 3.7 | 2.5 | 1.7 | 2.2 | 1.3 | 1.2 | .4 |
| 3612 | Transformers | 2.9 | 1.9 | 3.7 | 2.5 | 1.5 | 3.1 | 3.7 | 2.3 | 3.5 | 1.8 | 1.1 | 2.2 | .9 | .7 | .3 |
| 3613 | Switchgear and switchboard apparatus | 4.6 | 3.2 | 3.1 | 4.2 | 2.8 | 2.6 | 3.4 | 2.0 | 2.8 | 2.1 | 1.0 | 1.8 | .8 | .4 | .2 |
| 362 | Electrical industrial apparatus | 3.0 | 2.2 | 3.7 | 2.5 | 1.8 | 3.0 | 3.4 | 2.3 | 3.5 | 1.8 | 1.3 | 2.1 | .8 | .5 | .5 |
| 3621 | Motors and generators | 2.9 | 2.3 | 3.8 | 2.3 | 1.7 | 3.0 | 3.6 | 2.4 | 3.6 | 1.5 | 1.1 | 2.1 | 1.1 | .7 | .7 |
| 3622 | Industrial controls | 2.8 | 2.0 | 3.5 | 2.2 | 1.7 | 3.0 | 2.7 | 2.1 | 3.2 | 1.6 | 1.3 | 2.1 | .4 | .2 | .3 |
| 363 | Household appliances | 4.1 | 2.6 | 4.5 | 3.0 | 1.9 | 3.5 | 4.6 | 3.9 | 4.4 | 2.2 | 1.6 | 2.4 | .9 | 1.2 | .7 |
| 3632 | Household refrigerators and freezers | (¹) | 3.0 | 3.7 | (¹) | 2.0 | 2.6 | (¹) | 2.3 | 3.6 | (¹) | 1.3 | 1.8 | (¹) | .2 | .6 |
| 3633 | Household laundry equipment | 1.7 | 2.0 | 3.7 | .6 | 1.7 | 2.7 | 3.4 | 1.7 | 3.5 | .6 | 1.0 | 1.8 | 1.9 | .3 | .8 |
| 3634 | Electric housewares and fans | 4.7 | 2.6 | 6.5 | 4.3 | 2.2 | 5.5 | 6.4 | 7.9 | 6.2 | 4.0 | 2.4 | 3.7 | 1.6 | 4.0 | 1.2 |
| 364 | Electric lighting and wiring equipment | 3.9 | 3.2 | 5.0 | 3.0 | 2.3 | 4.1 | 4.1 | 4.0 | 5.0 | 2.4 | 2.0 | 3.0 | .7 | 1.0 | .9 |
| 3641 | Electric lamps | 2.4 | 1.7 | 3.1 | 1.9 | 1.2 | 2.3 | 1.8 | 1.7 | 2.8 | 1.3 | 1.1 | 1.8 | (²) | .1 | .3 |
| 3642 | Lighting fixtures | 4.7 | 3.4 | 5.5 | 3.4 | 2.2 | 4.3 | 4.7 | 4.7 | 5.7 | 2.3 | 1.8 | 3.0 | 1.1 | 1.7 | 1.4 |
| 3643,4 | Wiring devices | 3.9 | 3.6 | 5.5 | 3.1 | 2.7 | 4.6 | 4.5 | 4.3 | 5.5 | 2.9 | 2.4 | 3.5 | .7 | .9 | .8 |
| 366 | Radio and TV receiving equipment | 3.4 | 2.1 | 5.2 | 1.0 | .9 | 3.2 | 7.6 | 5.3 | 6.3 | 1.8 | 1.2 | 2.7 | 4.4 | 3.3 | 1.8 |
| 3661 | Communication equipment | 2.3 | 2.1 | 2.8 | 1.8 | 1.7 | 2.2 | 3.6 | 2.4 | 2.8 | 1.4 | 1.0 | 1.5 | 1.5 | .7 | .6 |
| 3662 | Telephone and telegraph apparatus | (¹) | 3.4 | 3.3 | (¹) | 3.2 | 3.0 | (¹) | 2.0 | 2.3 | (¹) | 1.2 | 1.6 | (¹) | (¹) | .1 |
| 3662 | Radio and TV communication equipment | 1.7 | 1.6 | 2.6 | 1.2 | 1.1 | 1.8 | 4.2 | 2.6 | 3.0 | 1.4 | 1.0 | 1.5 | 2.0 | 1.0 | .7 |
| 367 | Electronic components and accessories | 3.2 | 2.5 | 4.9 | 2.2 | 1.8 | 3.7 | 4.5 | 3.6 | 4.7 | 2.1 | 1.6 | 2.7 | 1.4 | 1.2 | .8 |
| 3671-3 | Electron tubes | 2.0 | 2.0 | 3.3 | 1.0 | 1.2 | 2.0 | 3.4 | 2.8 | 4.1 | 1.6 | 1.4 | 2.1 | .8 | .6 | .9 |
| 3674,9 | Other electronic components | 3.4 | 2.6 | 5.2 | 2.4 | 1.9 | 4.1 | 4.7 | 3.8 | 4.8 | 2.1 | 1.7 | 2.9 | 1.5 | 1.3 | .8 |
| 369 | Misc. electrical equipment & supplies | 3.6 | 2.0 | 3.8 | 2.6 | 1.5 | 3.0 | 4.8 | 3.3 | 3.7 | 1.7 | 1.2 | 2.0 | 2.1 | 1.2 | .7 |
| 3694 | Engine electrical equipment | 3.2 | 1.4 | 3.1 | 1.8 | .9 | 2.2 | 4.6 | 2.8 | 3.1 | 1.1 | .8 | 1.5 | 2.4 | 1.1 | .6 |

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

ESTABLISHMENT DATA
LABOR TURNOVER

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

(Per 100 employees)

| SIC Code | Industry | Accession rates | | | | | | Separation rates | | | | | | | | |
|---------------------------------|---|-----------------|-----------|-----------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | Total | | | New hires | | | Total | | | Quits | | | Layoffs | | |
| | | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 |
| <i>Durable Goods--Continued</i> | | | | | | | | | | | | | | | | |
| 37 | TRANSPORTATION EQUIPMENT | 3.3 | 2.2 | 4.2 | 1.5 | 1.1 | 2.6 | 5.1 | 4.5 | 4.9 | 1.2 | 0.9 | 1.8 | 3.1 | 2.9 | 2.2 |
| 371 | Motor vehicles and equipment | (1) | 2.3 | 4.8 | (1) | .7 | 2.5 | (1) | 5.2 | 5.7 | (1) | .7 | 1.6 | (1) | 3.7 | 3.0 |
| 3711 | Motor vehicles | (1) | 2.1 | 5.0 | (1) | .4 | 2.3 | (1) | 6.3 | 6.1 | (1) | .7 | 1.4 | (1) | 4.8 | 3.6 |
| 3712 | Passenger car bodies | (1) | 3.8 | 7.3 | (1) | .2 | 2.4 | (1) | 10.6 | 8.0 | (1) | .2 | .7 | (1) | 10.0 | 6.4 |
| 3713 | Truck and bus bodies | (1) | 2.7 | 5.2 | (1) | 2.1 | 4.2 | (1) | 3.5 | 5.6 | (1) | 1.3 | 2.9 | (1) | 1.5 | 1.5 |
| 3714 | Motor vehicle parts and accessories | (1) | 2.2 | 3.9 | (1) | .8 | 2.4 | (1) | 3.5 | 4.7 | (1) | .7 | 1.5 | (1) | 1.9 | 2.1 |
| 372 | Aircraft and parts | 1.5 | 1.1 | 2.0 | .9 | .8 | 1.4 | 3.2 | 2.0 | 2.8 | .9 | .6 | 1.3 | 1.8 | 1.0 | 1.0 |
| 3721 | Aircraft | 1.3 | .9 | 1.7 | .6 | .6 | 1.3 | 3.0 | 2.1 | 2.6 | .7 | .6 | 1.2 | 1.9 | 1.2 | 1.0 |
| 3722 | Aircraft engines and engine parts | 1.5 | 1.2 | 2.0 | .9 | .8 | 1.2 | 3.1 | 1.6 | 2.7 | 1.0 | .5 | 1.0 | 1.6 | .7 | .9 |
| 3723,9 | Other aircraft parts and equipment | 2.5 | 1.7 | 2.6 | 1.9 | 1.3 | 2.1 | 3.6 | 2.2 | 3.5 | 1.4 | .8 | 1.7 | 1.6 | .8 | 1.2 |
| 373 | Ship and boat building and repairing | 6.8 | 5.5 | 8.5 | 3.9 | 3.4 | 5.8 | 6.4 | 7.5 | 8.3 | 2.5 | 2.1 | 3.8 | 2.7 | 4.1 | 3.2 |
| 3731 | Ship building and repairing | 7.1 | 5.9 | 8.3 | 3.4 | 3.3 | 5.0 | 5.7 | 7.2 | 8.0 | 1.9 | 1.8 | 3.0 | 2.7 | 4.3 | 3.7 |
| 374 | Railroad equipment | (1) | 3.5 | 5.5 | (1) | 1.4 | 3.2 | (1) | 4.8 | 5.3 | (1) | .8 | 1.6 | (1) | 2.8 | 2.3 |
| 375,9 | Other transportation equipment | 8.4 | 3.8 | 8.6 | 6.8 | 3.2 | 7.7 | 7.4 | 11.9 | 10.0 | 3.7 | 2.9 | 5.6 | 1.5 | 7.9 | 2.3 |
| 38 | INSTRUMENTS AND RELATED PRODUCTS | 2.8 | 2.0 | 3.3 | 2.3 | 1.6 | 2.8 | 3.6 | 2.5 | 3.4 | 1.7 | 1.2 | 2.0 | 1.0 | .6 | .5 |
| 381 | Engineering & scientific instruments | 2.4 | 1.8 | 2.5 | 2.2 | 1.3 | 1.9 | 3.2 | 2.0 | 3.4 | 1.6 | .9 | 1.6 | .9 | .7 | 1.0 |
| 382 | Mechanical measuring & control devices | 3.2 | 2.2 | 3.3 | 2.2 | 1.7 | 2.8 | 3.6 | 2.6 | 3.3 | 1.8 | 1.3 | 1.9 | .8 | .7 | .5 |
| 3821 | Mechanical measuring devices | 2.9 | 2.2 | 3.2 | 2.5 | 2.0 | 2.9 | 3.1 | 2.6 | 3.1 | 1.7 | 1.4 | 2.0 | .8 | .8 | .5 |
| 3822 | Automatic temperature controls | 3.7 | 2.3 | 3.4 | 1.8 | 1.3 | 2.6 | 4.3 | 2.5 | 3.5 | 1.9 | 1.1 | 1.9 | .8 | .9 | .5 |
| 383,5 | Optical and ophthalmic goods | 3.1 | 2.6 | 3.9 | 2.7 | 2.1 | 3.3 | 3.4 | 2.9 | 3.7 | 2.2 | 1.6 | 2.3 | .6 | .6 | .5 |
| 384 | Medical instruments and supplies | 3.6 | 2.7 | 4.2 | 3.3 | 2.4 | 3.8 | 4.0 | 2.9 | 4.0 | 2.3 | 1.7 | 2.7 | .8 | .4 | .4 |
| 386 | Photographic equipment and supplies | (1) | 1.2 | 2.4 | (1) | 1.0 | 2.2 | (1) | 1.7 | 2.3 | (1) | .8 | 1.4 | (1) | .5 | .3 |
| 387 | Watches, clocks, and watchcases | (1) | 1.9 | 4.3 | (1) | 1.3 | 3.2 | (1) | 4.3 | 5.2 | (1) | 1.6 | 2.8 | (1) | 1.7 | 1.0 |
| 39 | MISCELLANEOUS MANUFACTURING INDUSTRIES | 6.3 | 2.8 | 6.5 | 3.4 | 2.3 | 5.1 | 5.8 | 10.2 | 6.8 | 2.7 | 1.9 | 3.6 | 2.1 | 7.3 | 2.0 |
| 391 | Jewelry, silverware, and plated ware | 2.6 | 2.1 | 4.3 | 2.4 | 1.7 | 3.4 | 5.4 | 4.5 | 4.5 | 2.6 | 1.7 | 2.9 | 1.8 | 2.8 | 1.0 |
| 394 | Toys and sporting goods | 11.4 | 3.0 | 10.6 | 3.8 | 2.4 | 7.8 | 8.2 | 25.5 | 11.1 | 3.0 | 2.4 | 5.3 | 4.1 | 21.7 | 4.2 |
| 3941-3 | Games, toys, dolls, & play vehicles | 16.2 | 2.3 | 13.0 | 3.0 | 1.9 | 8.8 | 11.0 | 40.5 | 13.8 | 2.9 | 2.5 | 5.9 | 7.2 | 36.5 | 6.3 |
| 3949 | Sporting and athletic goods, n e c | 5.7 | 4.1 | 7.4 | 4.8 | 3.2 | 6.3 | 5.0 | 5.5 | 7.4 | 3.1 | 2.2 | 4.3 | .6 | 2.1 | 1.5 |
| 395 | Pens, pencils, office and art supplies | 4.3 | 2.4 | 4.3 | 3.5 | 2.0 | 3.8 | 4.6 | 3.7 | 4.5 | 2.0 | 1.6 | 2.6 | 1.5 | 1.4 | .9 |
| 396 | Cosume jewelry and notions | 5.0 | 2.5 | 5.9 | 3.6 | 2.0 | 4.8 | 5.3 | 5.8 | 2.9 | 2.1 | 3.7 | .9 | 2.5 | 1.2 | .9 |
| 393,8,9 | Other manufacturing industries | 4.8 | 2.9 | 4.8 | 3.3 | 2.5 | 4.1 | 4.9 | 3.9 | 4.9 | 2.5 | 1.7 | 2.9 | 1.3 | 1.4 | 1.1 |
| <i>Nondurable Goods</i> | | | | | | | | | | | | | | | | |
| 20 | FOOD AND KINDRED PRODUCTS | 5.7 | 4.3 | 7.2 | 4.0 | 3.2 | 5.4 | 6.2 | 6.8 | 7.2 | 2.8 | 2.6 | 3.7 | 2.5 | 3.5 | 2.6 |
| 201 | Meat products | 7.0 | 5.2 | 7.0 | 4.0 | 3.0 | 4.7 | 7.7 | 7.1 | 7.0 | 2.7 | 2.9 | 3.8 | 3.9 | 3.7 | 2.3 |
| 2011 | Meat packing plants | 7.1 | 5.5 | 5.9 | 2.2 | 1.8 | 2.6 | 7.2 | 6.2 | 6.0 | 1.4 | 1.4 | 2.0 | 5.0 | 4.2 | 3.3 |
| 2015 | Poultry dressing plants | 9.2 | 6.4 | 11.0 | 8.4 | 5.7 | 9.6 | 11.4 | 11.1 | 10.7 | 5.7 | 6.5 | 8.5 | 3.3 | 3.9 | 1.2 |
| 204 | Grain mill products | 4.8 | 3.9 | 4.6 | 3.7 | 3.2 | 3.8 | 4.2 | 3.6 | 4.4 | 2.2 | 2.1 | 2.8 | 1.0 | .8 | 1.0 |
| 2041 | Flour and other grain mill products | 4.1 | 3.9 | 4.2 | 3.3 | 3.1 | 3.4 | 3.9 | 3.9 | 4.1 | 1.9 | 1.8 | 2.3 | 1.1 | 1.1 | 1.0 |
| 2042 | Prepared feeds for animals and fowls | 5.6 | 4.4 | 4.8 | 4.6 | 4.1 | 4.3 | 4.5 | 3.6 | 4.4 | 2.7 | 2.6 | 2.8 | .9 | .5 | .7 |
| 205 | Bakery products | 4.5 | 4.2 | 5.1 | 3.9 | 3.6 | 4.5 | 3.9 | 4.6 | 5.0 | 2.6 | 2.6 | 3.3 | .7 | 1.2 | .9 |
| 2051 | Bread, cake, and related products | 4.2 | 4.2 | 5.0 | 3.9 | 3.6 | 4.5 | 3.9 | 4.4 | 4.8 | 2.7 | 2.5 | 3.5 | .6 | 1.1 | .8 |
| 2052 | Cookies and crackers | 5.9 | 4.3 | 5.9 | 4.1 | 3.6 | 4.6 | 4.1 | 5.6 | 5.8 | 2.2 | 2.8 | 3.1 | 1.2 | 1.6 | 1.4 |
| 207 | Confectionery and related products | 7.5 | 4.5 | 8.6 | 4.5 | 3.8 | 6.4 | 6.8 | 7.7 | 8.7 | 3.6 | 3.6 | 5.2 | 2.7 | 3.4 | 2.5 |
| 2071 | Confectionery products | 8.6 | 5.0 | 9.6 | 5.0 | 4.2 | 7.2 | 7.4 | 8.7 | 9.9 | 4.0 | 4.1 | 5.9 | 3.0 | 3.9 | 2.9 |
| 208 | Beverages | 4.5 | 3.9 | 5.9 | 3.2 | 2.9 | 4.6 | 5.7 | 5.4 | 6.0 | 2.9 | 2.1 | 3.3 | 2.2 | 2.6 | 1.8 |
| 2082 | Malt liquors | 2.4 | 3.2 | 4.0 | .9 | 1.2 | 1.9 | 4.7 | 3.9 | 4.1 | .4 | .3 | .8 | 3.8 | 3.2 | 2.9 |
| 21 | TOBACCO MANUFACTURES | 2.4 | 5.7 | 5.7 | 1.9 | 3.6 | 3.9 | 4.8 | 5.8 | 5.8 | 1.8 | 2.0 | 2.3 | 2.2 | 3.2 | 2.6 |
| 211 | Cigarettes | 1.4 | 1.6 | 2.1 | 1.1 | .8 | 1.4 | 1.3 | .8 | 1.8 | .8 | .4 | 1.0 | (2) | (2) | .1 |
| 212 | Cigars | 4.9 | 2.6 | 5.4 | 4.2 | 2.1 | 3.9 | 7.1 | 3.5 | 6.6 | 4.2 | 2.6 | 4.3 | 1.6 | .3 | 1.5 |

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

**ESTABLISHMENT DATA
LABOR TURNOVER**
D-2: Labor turnover rates, by industry--Continued

(Per 100 employees)

| SIC Code | Industry | Accession rates | | | | | | Separation rates | | | | | | | | |
|------------------------------------|--|-----------------|-----------|-----------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | Total | | | New hires | | | Total | | | Quits | | | Layoffs | | |
| | | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 | Jan. 1970 | Dec. 1969 | Avg. 1969 |
| Nondurable Goods--Continued | | | | | | | | | | | | | | | | |
| 22 | TEXTILE MILL PRODUCTS | 5.1 | 3.4 | 5.4 | 3.9 | 2.6 | 4.4 | 5.3 | 4.2 | 5.6 | 3.4 | 2.4 | 3.9 | 0.8 | 1.0 | 0.7 |
| 221 | Weaving mills, cotton | 5.5 | 3.4 | 5.2 | 4.3 | 2.6 | 4.1 | 5.3 | 3.5 | 5.4 | 3.8 | 2.4 | 4.0 | .4 | .3 | .3 |
| 222 | Weaving mills, synthetics | 4.5 | 3.1 | 5.1 | 3.8 | 2.4 | 4.2 | 5.0 | 3.4 | 5.2 | 3.4 | 2.2 | 3.8 | .4 | .4 | .4 |
| 223 | Weaving and finishing mills, wool | 5.2 | 3.7 | 5.1 | 3.7 | 2.8 | 4.1 | 4.1 | 3.5 | 5.3 | 2.5 | 1.9 | 3.3 | .7 | .9 | 1.0 |
| 224 | Narrow fabric mills | 4.0 | 2.8 | 4.8 | 3.3 | 2.4 | 3.9 | 5.1 | 4.2 | 5.4 | 2.9 | 1.9 | 3.4 | 1.0 | 1.2 | 1.0 |
| 225 | Knitting mills | 5.3 | 3.0 | 5.2 | 3.7 | 2.1 | 4.0 | 5.3 | 5.0 | 5.5 | 3.3 | 2.3 | 3.6 | 1.3 | 2.2 | 1.2 |
| 2251 | Women's hosiery, except socks | 3.8 | 2.2 | 4.4 | 3.1 | 1.8 | 3.9 | 4.5 | 3.8 | 4.6 | 3.7 | 2.4 | 3.7 | .4 | 1.1 | .5 |
| 2252 | Hosiery, n e c | 4.5 | 2.2 | 4.5 | 3.7 | 1.8 | 3.9 | 4.2 | 4.0 | 4.9 | 3.3 | 3.6 | 3.3 | 1.2 | .7 | .7 |
| 2254 | Knit underwear mills | 3.4 | 2.1 | 4.0 | 2.2 | 1.5 | 3.0 | 3.1 | 2.7 | 3.9 | 2.5 | 2.1 | 3.2 | .2 | .2 | .2 |
| 226 | Textile finishing, except wool | 3.3 | 3.0 | 4.7 | 2.7 | 2.3 | 3.8 | 4.2 | 3.1 | 4.7 | 2.3 | 1.7 | 3.1 | .9 | .7 | .6 |
| 227 | Floor covering mills | 4.6 | 2.8 | 5.9 | 3.5 | 5.1 | 5.8 | 4.0 | 5.6 | 3.4 | 4.0 | 3.1 | 4.0 | 1.3 | 1.0 | .5 |
| 228 | Yarn and thread mills | 6.7 | 4.8 | 7.1 | 5.3 | 3.6 | 5.7 | 6.5 | 5.3 | 7.3 | 4.8 | 3.8 | 5.6 | .5 | .6 | .6 |
| 229 | Miscellaneous textile goods | 4.8 | 3.4 | 5.7 | 3.5 | 2.7 | 4.6 | 5.2 | 4.8 | 6.0 | 2.9 | 2.3 | 3.7 | 1.4 | 1.4 | 1.0 |
| 23 | APPAREL AND OTHER TEXTILE PRODUCTS | 6.2 | 3.3 | 5.6 | 4.0 | 1.9 | 3.8 | 5.7 | 5.3 | 6.0 | 3.0 | 1.9 | 3.1 | 1.7 | 2.7 | 2.0 |
| 231 | Men's and boys' suits and coats | 3.8 | 1.9 | 3.7 | 2.0 | 1.3 | 2.5 | 4.4 | 3.4 | 3.6 | 1.7 | 1.3 | 2.0 | 1.8 | 1.7 | 1.0 |
| 232 | Men's and boys' furnishings | 5.3 | 3.0 | 5.7 | 4.1 | 2.2 | 4.4 | 5.5 | 3.9 | 5.7 | 3.7 | 2.3 | 4.0 | 1.0 | 1.0 | .9 |
| 2321 | Men's and boys' shirts and nightwear | 5.3 | 2.9 | 5.5 | 3.6 | 2.0 | 4.2 | 5.2 | 3.8 | 5.4 | 3.5 | 2.4 | 3.8 | 1.0 | .7 | .9 |
| 2327 | Men's and boys' separate trousers | 5.5 | 2.4 | 4.9 | 4.4 | 1.8 | 3.9 | 5.3 | 3.3 | 5.2 | 3.8 | 2.1 | 4.0 | .6 | .7 | .4 |
| 2328 | Men's and boys' work clothing | 5.4 | 3.0 | 6.0 | 4.6 | 2.3 | 4.8 | 4.9 | 3.5 | 5.8 | 4.0 | 2.5 | 4.5 | .4 | .5 | .6 |
| 234 | Women's and children's undergarments | 4.9 | 2.4 | 5.1 | 3.2 | 1.6 | 3.9 | 5.9 | 4.4 | 5.5 | 3.3 | 2.1 | 3.6 | 1.9 | 1.8 | 1.1 |
| 2341 | Women's and children's underwear | 4.8 | 2.3 | 5.3 | 3.8 | 1.7 | 4.2 | 5.9 | 4.3 | 5.5 | 3.4 | 2.3 | 3.8 | 1.7 | 1.5 | .9 |
| 2342 | Corsets and allied garments | 5.1 | 2.6 | 4.7 | 2.1 | 1.4 | 3.2 | 5.9 | 4.7 | 5.6 | 3.0 | 1.6 | 3.2 | 2.4 | 2.4 | 1.5 |
| 26 | PAPER AND ALLIED PRODUCTS | 3.2 | 2.6 | 4.3 | 2.7 | 2.2 | 3.7 | 3.7 | 3.1 | 4.3 | 2.1 | 1.6 | 2.7 | .7 | .8 | .5 |
| 261,2,6 | Paper and pulp mills | 1.6 | 1.7 | 2.5 | 1.1 | 1.2 | 2.0 | 2.2 | 1.5 | 2.4 | 1.1 | .7 | 1.5 | .4 | .3 | .3 |
| 263 | Paperboard mills | 3.0 | 1.9 | 3.0 | 2.8 | 1.7 | 2.6 | 2.7 | 1.8 | 3.0 | 1.8 | 1.0 | 1.8 | .3 | .2 | .4 |
| 264 | Misc. converted paper products | 4.1 | 3.1 | 5.1 | 3.5 | 2.7 | 4.5 | 4.8 | 4.1 | 5.0 | 2.6 | 1.9 | 3.2 | 1.1 | 1.3 | .7 |
| 2643 | Bags, except textile bags | 5.8 | 3.6 | 6.0 | 4.8 | 3.1 | 5.3 | 6.4 | 4.2 | 6.2 | 3.5 | 2.3 | 3.9 | 1.5 | .6 | .9 |
| 265 | Paperboard containers and boxes | 4.1 | 3.3 | 5.8 | 3.6 | 2.8 | 5.2 | 4.6 | 4.3 | 5.9 | 2.7 | 2.3 | 3.9 | .8 | 1.1 | .7 |
| 2651,2 | Folding and serup paperboard boxes | 4.7 | 3.2 | 6.1 | 4.2 | 2.8 | 5.5 | 5.4 | 5.2 | 6.2 | 2.9 | 2.4 | 4.0 | 1.1 | 1.6 | .6 |
| 2653 | Corrugated and solid fiber boxes | 3.7 | 3.1 | 5.5 | 3.1 | 2.7 | 5.2 | 4.0 | 3.9 | 5.6 | 2.5 | 2.3 | 3.9 | .5 | .7 | .4 |
| 27 | PRINTING AND PUBLISHING | 3.7 | 2.8 | 3.8 | 3.1 | 2.3 | 3.3 | 3.6 | 3.4 | 3.7 | 2.2 | 1.7 | 2.4 | .8 | 1.0 | .5 |
| 28 | CHEMICALS AND ALLIED PRODUCTS | 2.4 | 1.8 | 2.7 | 1.9 | 1.4 | 2.3 | 2.4 | 2.0 | 2.8 | 1.3 | .9 | 1.6 | .5 | .5 | .5 |
| 281 | Industrial chemicals | 1.5 | 1.3 | 1.9 | 1.2 | 1.1 | 1.5 | 1.6 | 1.4 | 1.9 | .9 | .6 | 1.1 | .1 | .2 | .2 |
| 282 | Plastics materials and synthetics | 1.6 | 1.2 | 2.0 | 1.3 | .9 | 1.6 | 1.9 | 1.4 | 1.9 | 1.1 | .7 | 1.2 | .2 | .3 | .2 |
| 2821 | Plastics materials and resins | 1.6 | 1.4 | 2.2 | 1.4 | 1.3 | 1.9 | 1.8 | 1.5 | 2.1 | 1.2 | .8 | 1.4 | .1 | .2 | .2 |
| 2823,4 | Synthetic fibers | 1.8 | 1.0 | 1.8 | 1.2 | .7 | 1.4 | 2.1 | 1.4 | 1.8 | 1.2 | .6 | 1.0 | .2 | .4 | .3 |
| 283 | Drugs | 2.6 | 1.9 | 2.7 | 2.3 | 1.6 | 2.4 | 2.4 | 1.6 | 2.3 | 1.5 | .9 | 1.5 | .4 | .3 | .3 |
| 2834 | Pharmaceutical preparations | 2.9 | 2.0 | 2.9 | 2.5 | 1.7 | 2.5 | 2.7 | 1.7 | 2.4 | 1.7 | .9 | 1.6 | .5 | .4 | .3 |
| 284 | Soap, cleaners, and toilet goods | 3.9 | 3.0 | 4.5 | 3.2 | 2.4 | 3.7 | 3.5 | 3.9 | 4.2 | 1.6 | 1.4 | 2.2 | 1.0 | 1.6 | .9 |
| 2841 | Soap and other detergents | 1.5 | 1.9 | 2.7 | 1.3 | 1.2 | 1.8 | 2.0 | 1.5 | 2.8 | .6 | .7 | 1.1 | .7 | .3 | .9 |
| 2844 | Toilet preparations | 5.5 | 3.6 | 6.2 | 4.5 | 3.2 | 5.3 | 5.1 | 6.8 | 5.7 | 2.3 | 2.2 | 3.1 | 1.8 | 3.2 | 1.1 |
| 285 | Paints and allied products | 3.0 | 1.7 | 2.9 | 2.5 | 1.4 | 2.6 | 2.4 | 1.7 | 2.9 | 1.4 | 1.0 | 1.9 | .3 | .1 | .2 |
| 286,9 | Other chemical products | 2.1 | 1.8 | 3.3 | 1.7 | 1.2 | 2.7 | 3.6 | 3.0 | 4.1 | 1.5 | 1.1 | 2.2 | 1.6 | 1.3 | .9 |
| 29 | PETROLEUM AND COAL PRODUCTS | 2.2 | 1.3 | 2.6 | 1.9 | 1.2 | 2.2 | 1.7 | 2.6 | 2.6 | .9 | .8 | 1.3 | .2 | 1.3 | .4 |
| 291 | Petroleum refining | 1.4 | 1.1 | 1.7 | 1.3 | .9 | 1.5 | 1.0 | 1.5 | 1.7 | .4 | .4 | .8 | .1 | .6 | .3 |
| 295,9 | Other petroleum and coal products | 5.2 | 2.4 | 5.8 | 4.3 | 2.2 | 5.2 | 4.7 | 7.2 | 5.8 | 2.9 | 2.2 | 3.5 | .7 | 4.0 | .9 |
| 30 | RUBBER AND PLASTICS PRODUCTS, N E C | 5.1 | 3.5 | 5.7 | 4.0 | 2.6 | 4.7 | 5.4 | 4.7 | 5.8 | 2.8 | 2.1 | 3.5 | 1.4 | 1.6 | 1.0 |
| 301 | Tires and inner tubes | 1.8 | 1.5 | 2.5 | 1.1 | .9 | 1.9 | 2.8 | 1.4 | 2.2 | .7 | .6 | 1.1 | 1.2 | .4 | .3 |
| 302,3,6 | Other rubber products | 4.5 | 2.8 | 5.0 | 3.1 | 2.1 | 3.9 | 4.9 | 4.5 | 5.4 | 2.5 | 1.8 | 3.1 | 1.2 | 1.6 | 1.1 |
| 307 | Miscellaneous plastics products | 6.9 | 4.9 | 7.4 | 5.7 | 3.6 | 6.4 | 6.8 | 6.2 | 7.6 | 3.8 | 3.0 | 4.9 | 1.5 | 2.2 | 1.2 |

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

**ESTABLISHMENT DATA
LABOR TURNOVER**

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

(Per 100 employees)

| SIC Code | Industry | Accession rates | | | | | | Separation rates | | | | | | | | |
|----------|--|------------------|------|------|-----------|------|------|------------------|------|------|------------------|------|------|------------------|------|------|
| | | Total | | | New hires | | | Total | | | Quits | | | Layoffs | | |
| | | Jan. | Dec. | Avg. | Jan. | Dec. | Avg. | Jan. | Dec. | Avg. | Jan. | Dec. | Avg. | Jan. | Dec. | Avg. |
| | | 1970 | 1969 | 1969 | 1970 | 1969 | 1969 | 1970 | 1969 | 1969 | 1970 | 1969 | 1969 | 1970 | 1969 | 1969 |
| | <i>Nondurable Goods--Continued</i> | | | | | | | | | | | | | | | |
| 31 | LEATHER AND LEATHER PRODUCTS | 5.3 | 4.4 | 6.3 | 4.0 | 3.2 | 4.5 | 6.4 | 5.5 | 6.9 | 3.1 | 2.6 | 4.0 | 2.1 | 2.0 | 1.8 |
| 311 | Leather tanning and finishing | 3.4 | 4.3 | 5.4 | 2.7 | 3.4 | 4.1 | 6.2 | 4.0 | 6.0 | 2.5 | 2.2 | 3.4 | 2.7 | .9 | 1.5 |
| 314 | Footwear, except rubber | 5.3 | 4.8 | 6.0 | 4.1 | 3.4 | 4.2 | 5.8 | 5.0 | 6.6 | 3.0 | 2.7 | 3.9 | 1.5 | 1.5 | 1.6 |
| | NONMANUFACTURING | | | | | | | | | | | | | | | |
| 10 | METAL MINING | 4.0 | 3.0 | 3.8 | 3.1 | 2.3 | 3.0 | 3.4 | 3.2 | 3.3 | 1.9 | 1.6 | 2.1 | .1 | .6 | .3 |
| 101 | Iron ores | 3.8 | 2.3 | 3.4 | 1.6 | 1.1 | 1.8 | 2.3 | 3.5 | 3.1 | .5 | .6 | 1.2 | .3 | 1.7 | .8 |
| 102 | Copper ores | 3.7 | 3.1 | 3.2 | 3.0 | 2.4 | 2.5 | 3.0 | 2.2 | 2.4 | 1.8 | 1.4 | 1.5 | .1 | .1 | .1 |
| 11,12 | COAL MINING | 1.8 | 1.5 | 2.0 | 1.5 | 1.2 | 1.5 | 1.7 | 1.7 | 1.8 | 1.0 | .7 | 1.0 | .2 | .6 | .3 |
| 12 | Bituminous coal and lignite mining | 1.9 | 1.5 | 2.0 | 1.6 | 1.2 | 1.5 | 1.8 | 1.7 | 1.8 | 1.0 | .8 | 1.0 | .2 | .5 | .3 |
| | COMMUNICATION: | | | | | | | | | | | | | | | |
| 481 | Telephone communication | (¹) | 2.2 | 3.1 | - | - | - | (¹) | 1.9 | 2.4 | (¹) | 1.5 | 1.8 | (¹) | .1 | .2 |
| 482 | Telegraph communication ³ | (¹) | 1.5 | 2.6 | - | - | - | (¹) | 2.2 | 2.8 | (¹) | 1.2 | 1.8 | (¹) | .3 | .5 |

¹ Not available.

² Less than 0.05.

³ Data relate to all employees except messengers.

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA
SEASONALLY ADJUSTED LABOR TURNOVER

D-3: Labor turnover rates in manufacturing, 1959 to date
seasonally adjusted

| (Per 100 employees) | | | | | | | | | | | | |
|--------------------------|------|------|------|------|-----|------|------|------|-------|------|------|------|
| Year | Jan. | Feb. | Mar. | Apr. | May | June | July | Aug. | Sept. | Oct. | Nov. | Dec. |
| Total accessions | | | | | | | | | | | | |
| 1959..... | 4.0 | 4.3 | 4.6 | 4.3 | 4.1 | 4.2 | 4.1 | 4.1 | 4.0 | 3.8 | 4.2 | 5.6 |
| 1960..... | 4.2 | 4.1 | 3.7 | 3.6 | 3.8 | 3.7 | 3.6 | 3.9 | 3.8 | 3.5 | 3.6 | 3.6 |
| 1961..... | 3.9 | 3.7 | 4.4 | 4.2 | 4.2 | 4.0 | 4.0 | 4.1 | 3.8 | 4.3 | 4.3 | 4.1 |
| 1962..... | 4.3 | 4.2 | 4.1 | 4.2 | 4.2 | 4.0 | 4.2 | 4.0 | 4.0 | 3.9 | 3.8 | 3.8 |
| 1963..... | 3.8 | 3.9 | 3.8 | 4.1 | 3.8 | 3.8 | 3.9 | 3.8 | 3.9 | 3.9 | 3.6 | 4.0 |
| 1964..... | 3.8 | 4.0 | 4.0 | 4.0 | 3.9 | 4.0 | 4.0 | 4.0 | 3.9 | 3.9 | 4.0 | 4.1 |
| 1965..... | 4.0 | 4.1 | 4.3 | 4.1 | 4.1 | 4.3 | 4.1 | 4.3 | 4.5 | 4.4 | 4.8 | 4.9 |
| 1966..... | 4.9 | 5.0 | 5.2 | 5.0 | 5.1 | 5.1 | 4.7 | 5.1 | 5.0 | 4.9 | 4.8 | 4.6 |
| 1967..... | 4.6 | 4.3 | 4.1 | 4.2 | 4.6 | 4.5 | 4.4 | 4.4 | 4.3 | 4.5 | 4.5 | 4.4 |
| 1968..... | 4.5 | 4.5 | 4.1 | 4.7 | 4.6 | 4.5 | 4.7 | 4.6 | 4.7 | 4.8 | 4.6 | 4.7 |
| 1969..... | 4.9 | 4.6 | 4.6 | 4.9 | 4.8 | 5.0 | 4.8 | 4.5 | 4.8 | 4.7 | 4.4 | 4.6 |
| 1970..... | 4.3 | | | | | | | | | | | |
| New hires | | | | | | | | | | | | |
| 1959..... | 2.4 | 2.6 | 2.9 | 2.8 | 2.7 | 2.7 | 2.6 | 2.6 | 2.7 | 2.4 | 2.4 | 2.7 |
| 1960..... | 2.6 | 2.8 | 2.4 | 2.2 | 2.3 | 2.2 | 2.1 | 2.2 | 2.1 | 1.9 | 1.9 | 1.8 |
| 1961..... | 1.8 | 1.8 | 1.9 | 2.0 | 2.1 | 2.1 | 2.2 | 2.3 | 2.3 | 2.5 | 2.5 | 2.5 |
| 1962..... | 2.6 | 2.6 | 2.6 | 2.6 | 2.7 | 2.5 | 2.6 | 2.4 | 2.4 | 2.3 | 2.3 | 2.1 |
| 1963..... | 2.3 | 2.2 | 2.4 | 2.5 | 2.4 | 2.4 | 2.4 | 2.4 | 2.5 | 2.4 | 2.2 | 2.5 |
| 1964..... | 2.4 | 2.5 | 2.6 | 2.6 | 2.4 | 2.6 | 2.6 | 2.6 | 2.7 | 2.6 | 2.7 | 2.8 |
| 1965..... | 2.8 | 3.0 | 3.3 | 2.8 | 2.9 | 3.1 | 3.0 | 3.1 | 3.1 | 3.2 | 3.5 | 3.7 |
| 1966..... | 3.7 | 3.8 | 4.3 | 3.9 | 4.0 | 4.0 | 3.7 | 3.8 | 3.7 | 3.8 | 3.7 | 3.5 |
| 1967..... | 3.5 | 3.3 | 3.3 | 3.1 | 3.2 | 3.2 | 3.1 | 3.2 | 3.2 | 3.4 | 3.4 | 3.3 |
| 1968..... | 3.5 | 3.3 | 3.4 | 3.5 | 3.5 | 3.3 | 3.5 | 3.5 | 3.6 | 3.6 | 3.5 | 3.7 |
| 1969..... | 3.8 | 3.7 | 4.0 | 3.9 | 3.7 | 3.8 | 3.7 | 3.5 | 3.8 | 3.6 | 3.4 | 3.5 |
| 1970..... | 3.3 | | | | | | | | | | | |
| Total separations | | | | | | | | | | | | |
| 1959..... | 3.7 | 3.6 | 3.6 | 3.8 | 3.8 | 3.9 | 4.0 | 4.1 | 4.2 | 5.0 | 4.6 | 4.1 |
| 1960..... | 3.6 | 4.1 | 4.4 | 4.4 | 4.3 | 4.4 | 4.3 | 4.3 | 4.2 | 4.3 | 4.4 | 5.0 |
| 1961..... | 4.6 | 4.6 | 4.2 | 3.6 | 3.8 | 4.0 | 4.0 | 3.7 | 4.1 | 3.9 | 4.0 | 4.1 |
| 1962..... | 3.9 | 4.0 | 4.0 | 3.9 | 4.2 | 4.2 | 4.2 | 4.4 | 3.9 | 4.1 | 4.1 | 3.9 |
| 1963..... | 4.0 | 3.8 | 3.9 | 3.9 | 3.9 | 3.8 | 3.9 | 4.1 | 3.8 | 3.8 | 4.0 | 3.9 |
| 1964..... | 4.0 | 4.0 | 3.9 | 3.8 | 3.9 | 3.9 | 4.1 | 3.6 | 3.9 | 4.0 | 3.8 | 3.9 |
| 1965..... | 3.8 | 3.7 | 3.8 | 4.1 | 3.9 | 4.0 | 4.0 | 4.2 | 4.2 | 4.2 | 4.2 | 4.4 |
| 1966..... | 4.1 | 4.3 | 4.6 | 4.7 | 4.7 | 4.9 | 4.9 | 4.7 | 4.9 | 4.5 | 4.7 | 4.5 |
| 1967..... | 4.6 | 4.8 | 5.2 | 4.7 | 4.6 | 4.7 | 4.4 | 4.3 | 4.5 | 4.4 | 4.4 | 4.3 |
| 1968..... | 4.5 | 4.7 | 4.6 | 4.5 | 4.7 | 4.5 | 4.6 | 4.9 | 4.6 | 4.6 | 4.5 | 4.2 |
| 1969..... | 4.6 | 4.8 | 4.9 | 4.9 | 5.0 | 4.9 | 4.9 | 5.1 | 4.8 | 5.0 | 4.8 | 4.6 |
| 1970..... | 4.8 | | | | | | | | | | | |
| Quits | | | | | | | | | | | | |
| 1959..... | 1.4 | 1.3 | 1.5 | 1.5 | 1.6 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.6 |
| 1960..... | 1.5 | 1.6 | 1.5 | 1.5 | 1.3 | 1.4 | 1.4 | 1.3 | 1.3 | 1.2 | 1.1 | 1.1 |
| 1961..... | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.2 | 1.2 | 1.2 | 1.3 | 1.3 | 1.4 | 1.4 |
| 1962..... | 1.3 | 1.4 | 1.4 | 1.4 | 1.5 | 1.5 | 1.4 | 1.5 | 1.4 | 1.4 | 1.4 | 1.3 |
| 1963..... | 1.3 | 1.3 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.4 | 1.4 | 1.4 | 1.3 |
| 1964..... | 1.4 | 1.4 | 1.4 | 1.4 | 1.5 | 1.4 | 1.5 | 1.5 | 1.5 | 1.6 | 1.5 | 1.6 |
| 1965..... | 1.7 | 1.7 | 1.7 | 1.8 | 1.7 | 1.8 | 1.8 | 1.9 | 2.0 | 2.0 | 2.1 | 2.2 |
| 1966..... | 2.3 | 2.3 | 2.6 | 2.7 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.6 | 2.7 |
| 1967..... | 2.5 | 2.4 | 2.4 | 2.3 | 2.3 | 2.4 | 2.2 | 2.3 | 2.3 | 2.3 | 2.3 | 2.4 |
| 1968..... | 2.4 | 2.4 | 2.4 | 2.3 | 2.5 | 2.3 | 2.4 | 2.6 | 2.4 | 2.6 | 2.6 | 2.5 |
| 1969..... | 2.7 | 2.7 | 2.7 | 2.7 | 2.8 | 2.7 | 2.7 | 2.9 | 2.5 | 2.7 | 2.6 | 2.5 |
| 1970..... | 2.5 | | | | | | | | | | | |
| Layoffs | | | | | | | | | | | | |
| 1959..... | 1.8 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.9 | 2.0 | 2.0 | 2.9 | 2.5 | 1.9 |
| 1960..... | 1.5 | 1.9 | 2.3 | 2.4 | 2.3 | 2.5 | 2.4 | 2.6 | 2.4 | 2.6 | 2.7 | 2.8 |
| 1961..... | 2.7 | 3.0 | 2.5 | 2.1 | 2.2 | 2.3 | 2.2 | 2.0 | 2.2 | 1.8 | 1.9 | 2.0 |
| 1962..... | 1.8 | 2.0 | 1.7 | 1.8 | 2.0 | 2.0 | 2.0 | 2.4 | 2.0 | 2.0 | 2.0 | 1.9 |
| 1963..... | 1.9 | 1.8 | 1.9 | 1.8 | 1.8 | 1.7 | 1.7 | 2.0 | 1.9 | 1.8 | 1.8 | 1.7 |
| 1964..... | 1.8 | 1.8 | 1.8 | 1.6 | 1.7 | 1.6 | 1.7 | 1.5 | 1.6 | 1.7 | 1.5 | 1.6 |
| 1965..... | 1.4 | 1.4 | 1.4 | 1.5 | 1.4 | 1.4 | 1.4 | 1.7 | 1.4 | 1.3 | 1.4 | 1.4 |
| 1966..... | 1.2 | 1.1 | 1.1 | 1.2 | 1.1 | 1.3 | 1.5 | 1.1 | 1.1 | 1.1 | 1.2 | 1.3 |
| 1967..... | 1.3 | 1.5 | 1.7 | 1.5 | 1.4 | 1.4 | 1.4 | 1.3 | 1.3 | 1.3 | 1.2 | 1.2 |
| 1968..... | 1.3 | 1.3 | 1.3 | 1.1 | 1.3 | 1.1 | 1.2 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 |
| 1969..... | 1.1 | 1.1 | 1.2 | 1.0 | 1.1 | 1.1 | 1.2 | 1.1 | 1.2 | 1.3 | 1.2 | 1.4 |
| 1970..... | 1.4 | | | | | | | | | | | |

NOTE: Data for the current month are preliminary.

ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

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

| State and area | (Per 100 employees) | | | | | | | | | |
|-------------------------------------|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|------|
| | Accession rates | | | | Separation rates | | | | | |
| | Total | | New hires | | Total | | Quits | | Layoffs | |
| Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 | |
| ALABAMA: | | | | | | | | | | |
| Birmingham | 2.3 | 2.6 | 1.6 | 2.0 | 2.3 | 2.6 | 1.1 | 1.2 | 0.7 | 0.9 |
| Mobile ¹ | 3.1 | 4.6 | 1.9 | 2.8 | 4.0 | 4.5 | 1.7 | 2.1 | 1.8 | 1.9 |
| ALASKA | (*) | 4.9 | (*) | 4.5 | (*) | 25.1 | (*) | 6.4 | (*) | 18.3 |
| ARIZONA | 3.4 | 4.7 | 2.6 | 3.7 | 4.3 | 5.1 | 2.2 | 2.9 | 1.2 | .9 |
| Phoenix | 3.1 | 4.8 | 2.4 | 3.8 | 4.3 | 5.0 | 2.2 | 2.9 | 1.1 | .8 |
| ARKANSAS | 3.8 | 5.4 | 3.2 | 4.5 | 5.5 | 6.1 | 2.7 | 3.8 | 2.1 | 1.4 |
| Fort Smith | 4.8 | 6.3 | 4.5 | 5.9 | 5.2 | 5.9 | 3.6 | 4.9 | .9 | .1 |
| Little Rock-North Little Rock | 3.7 | 5.3 | 3.0 | 5.0 | 6.5 | 6.7 | 2.6 | 3.6 | 3.4 | 1.7 |
| Pine Bluff | 3.4 | 3.7 | 3.0 | 2.8 | 3.2 | 3.5 | 1.7 | 1.8 | .7 | .7 |
| CALIFORNIA | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| Los Angeles-Long Beach | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| COLORADO | (*) | 4.1 | (*) | 3.3 | (*) | 4.6 | (*) | 2.4 | (*) | 1.5 |
| Denver | (*) | 4.2 | (*) | 3.6 | (*) | 4.1 | (*) | 2.4 | (*) | .9 |
| CONNECTICUT | 2.7 | 2.9 | 2.2 | 2.4 | 3.3 | 3.2 | 1.7 | 1.8 | .8 | .6 |
| Hartford | 2.2 | 2.9 | 1.8 | 2.4 | 2.5 | 2.8 | 1.4 | 1.6 | .2 | .4 |
| DELAWARE ¹ | 1.5 | 2.4 | .9 | 1.4 | 1.8 | 2.1 | .7 | 1.2 | .4 | .2 |
| Wilmington ¹ | 1.7 | 2.6 | 1.0 | 1.6 | 2.3 | 2.1 | .8 | 1.1 | .7 | .2 |
| DISTRICT OF COLUMBIA: | | | | | | | | | | |
| Washington SMSA | (*) | 2.2 | (*) | 2.1 | (*) | 2.2 | (*) | 1.5 | (*) | .2 |
| FLORIDA | 6.1 | 8.4 | 4.8 | 5.2 | 5.9 | 5.6 | 3.4 | 3.6 | 1.6 | 1.2 |
| Fort Lauderdale-Hollywood | (*) | 5.7 | (*) | 5.1 | (*) | 8.1 | (*) | 3.1 | (*) | 3.9 |
| Jacksonville | 3.7 | 4.8 | 3.3 | 4.6 | 3.2 | 5.0 | 2.4 | 3.7 | .4 | .5 |
| Miami | 4.4 | 6.1 | 4.3 | 5.4 | 5.2 | 5.9 | 3.2 | 3.9 | 1.5 | 1.1 |
| Orlando | 4.3 | 7.7 | 3.6 | 5.6 | 4.8 | 7.0 | 2.3 | 3.6 | 1.6 | 2.3 |
| Pensacola | .8 | .6 | .7 | .6 | 1.3 | 1.5 | 1.0 | 1.0 | (2) | .4 |
| Tampa-St. Petersburg | 4.0 | 6.5 | 3.1 | 4.9 | 5.6 | 5.9 | 2.8 | 4.0 | 2.1 | 1.0 |
| West Palm Beach | 6.0 | 10.2 | 4.9 | 7.0 | 5.5 | 4.5 | 3.4 | 3.2 | .3 | (2) |
| GEORGIA | 3.2 | 4.3 | 2.4 | 3.3 | 4.1 | 4.2 | 2.4 | 2.8 | 1.0 | .6 |
| Atlanta ³ | 2.6 | 4.0 | 1.9 | 3.3 | 3.8 | 4.0 | 2.0 | 2.7 | 1.2 | .6 |
| HAWAII ⁴ | 2.5 | 2.1 | 1.8 | 1.8 | 2.7 | 2.6 | 1.6 | 1.6 | .4 | .2 |
| IDAHO ⁵ | 4.7 | 3.2 | 3.8 | 2.7 | 6.6 | 4.7 | 2.2 | 2.3 | 3.1 | 1.7 |
| ILLINOIS: | | | | | | | | | | |
| Chicago | 2.9 | 3.8 | 2.5 | 3.3 | 4.0 | 4.1 | 2.0 | 2.4 | 1.0 | . |
| INDIANA ¹ | 2.3 | 2.6 | 1.5 | 2.0 | 3.5 | 3.9 | 1.2 | 1.7 | 1.5 | 1.4 |
| Indianapolis ⁶ | 1.5 | 2.2 | 1.1 | 1.7 | 3.1 | 3.4 | .9 | 1.5 | 1.4 | 1.0 |
| IOWA | 2.5 | 3.2 | 1.7 | 2.6 | 3.7 | 3.7 | 1.4 | 2.1 | 1.7 | 1.0 |
| Cedar Rapids | 1.5 | 3.0 | 1.1 | 2.5 | 3.9 | 4.0 | 1.3 | 1.9 | 2.0 | 1.4 |
| Des Moines | 4.8 | 4.2 | 2.8 | 3.1 | 3.6 | 4.4 | 2.1 | 2.5 | .8 | 1.0 |
| KANSAS | 3.1 | 3.9 | 2.4 | 3.1 | 3.7 | 4.2 | 1.7 | 2.0 | 1.5 | 1.3 |
| Topeka | 4.0 | 3.6 | 2.3 | 2.3 | 2.3 | 2.2 | 1.5 | 1.3 | .5 | .2 |
| Wichita | 2.2 | 2.8 | 1.8 | 2.6 | 4.8 | 4.5 | 1.1 | 1.7 | 3.0 | 2.0 |
| KENTUCKY | 3.3 | 3.4 | 2.5 | 2.6 | 3.3 | 3.4 | 1.8 | 1.8 | .9 | .8 |
| Louisville | 2.1 | 3.1 | 1.4 | 2.4 | 3.0 | 3.6 | 1.1 | 1.5 | 1.2 | 1.0 |
| LOUISIANA: | | | | | | | | | | |
| New Orleans | 2.2 | 3.8 | 1.6 | 2.6 | 3.4 | 4.1 | 1.1 | 1.4 | 1.4 | 1.6 |
| MAINE | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| Portland | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| MARYLAND | (*) | 2.8 | (*) | 2.3 | (*) | 3.5 | (*) | 1.6 | (*) | 1.2 |
| Baltimore | (*) | 2.7 | (*) | 2.2 | (*) | 3.3 | (*) | 1.6 | (*) | 1.0 |

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

**ESTABLISHMENT DATA
STATE AND AREA LABOR TURNOVER**

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

| State and area | (Per 100 employees) | | | | | | | | | |
|--|---------------------|--------------|--------------|--------------|------------------|--------------|--------------|--------------|--------------|--------------|
| | Accession rates | | | | Separation rates | | | | | |
| | Total | | New hires | | Total | | Quits | | Layoffs | |
| | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 |
| MASSACHUSETTS..... | 3.2 | 3.4 | 2.4 | 2.8 | 4.1 | 3.9 | 1.9 | 2.2 | 1.5 | 1.0 |
| Boston..... | 2.8 | 3.1 | 2.3 | 2.7 | 4.1 | 4.0 | 1.8 | 2.0 | 1.6 | 1.0 |
| MICHIGAN..... | 2.5 | 3.7 | 1.1 | 2.1 | 4.6 | 4.8 | .9 | 1.5 | 2.6 | 2.0 |
| Detroit..... | 2.5 | 4.1 | 1.2 | 2.5 | 5.4 | 5.4 | 1.1 | 1.9 | 2.8 | 1.8 |
| MINNESOTA..... | 3.9 | 4.0 | 3.1 | 3.3 | 5.4 | 4.4 | 2.2 | 2.5 | 1.9 | 1.1 |
| Duluth-Superior..... | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| Minneapolis-St. Paul..... | 3.9 | 4.2 | 3.1 | 3.5 | 5.5 | 4.4 | 2.2 | 2.6 | 1.7 | 1.0 |
| MISSISSIPPI: | | | | | | | | | | |
| Jackson..... | 2.5 | 3.1 | 2.3 | 2.7 | 5.2 | 6.9 | 2.0 | 2.7 | 2.7 | 3.4 |
| MISSOURI..... | 2.8 | 3.4 | 2.0 | 2.6 | 4.6 | 3.8 | 1.5 | 1.9 | 2.3 | 1.1 |
| Kansas City..... | 2.9 | 3.6 | 2.0 | 2.7 | 3.6 | 3.6 | 1.7 | 2.0 | 1.3 | .8 |
| St. Louis..... | 2.2 | 2.5 | 1.5 | 2.0 | 4.3 | 3.2 | 1.2 | 1.5 | 2.4 | .8 |
| MONTANA ⁵ | 1.7 | 2.3 | 1.4 | 1.6 | 3.1 | 3.0 | 1.5 | 1.4 | .7 | .9 |
| NEBRASKA..... | 4.2 | 5.6 | 3.7 | 5.1 | 4.4 | 5.9 | 3.0 | 3.7 | .6 | 1.2 |
| NEVADA..... | (*) | 5.6 | (*) | 5.3 | (*) | 6.5 | (*) | 4.2 | (*) | .8 |
| NEW HAMPSHIRE..... | 4.1 | 4.5 | 3.4 | 4.0 | 4.2 | 4.1 | 2.8 | 2.9 | .7 | .6 |
| NEW JERSEY: | | | | | | | | | | |
| Camden ⁷ | 2.5 | 3.3 | 1.9 | 2.6 | 3.0 | 3.6 | 1.3 | 1.7 | .7 | .8 |
| Jersey City..... | 2.2 | 2.9 | 1.4 | 2.2 | 3.7 | 3.4 | 1.0 | 1.5 | 2.1 | 1.1 |
| Newark..... | 2.6 | 3.1 | 2.1 | 2.6 | 4.8 | 3.5 | 1.8 | 1.7 | 2.2 | 1.0 |
| Paterson-Clifton-Passaic..... | 3.1 | 3.2 | 2.5 | 2.6 | 4.2 | 4.2 | 1.9 | 2.1 | 1.5 | 1.3 |
| Perth Amboy..... | 2.3 | 2.4 | 1.7 | 2.1 | 3.1 | 2.6 | 1.5 | 1.5 | 1.0 | .4 |
| Trenton..... | 2.9 | 3.5 | 2.6 | 2.8 | 3.2 | 3.8 | 1.9 | 2.1 | .4 | 1.0 |
| NEW YORK..... | 2.8 | 3.5 | 1.8 | 2.7 | 4.8 | 4.3 | 1.4 | 1.7 | 2.7 | 1.8 |
| Albany-Schenectady-Troy..... | 2.0 | 2.6 | 1.3 | 2.0 | 2.7 | 2.8 | 1.1 | 1.5 | 1.0 | .5 |
| Binghamton..... | 1.6 | 1.9 | 1.1 | 1.5 | 2.0 | 2.2 | 1.1 | 1.3 | .2 | .3 |
| Buffalo..... | 2.4 | 2.6 | 1.5 | 1.8 | 4.0 | 3.2 | 1.0 | 1.3 | 2.0 | 1.2 |
| Elmira..... | 2.3 | 2.1 | 1.4 | 1.7 | 2.3 | 3.9 | 1.1 | 1.5 | .7 | 1.9 |
| Monroe County ⁸ | 1.7 | 2.1 | 1.4 | 1.7 | 2.1 | 2.4 | 1.0 | 1.3 | .6 | .5 |
| Nassau and Suffolk Counties ⁹ | 2.6 | 3.7 | 2.3 | 3.1 | 5.0 | 3.5 | 1.9 | 2.0 | 2.3 | .8 |
| New York SMSA..... | 3.6 | 4.2 | 2.2 | 3.2 | 6.3 | 5.2 | 1.7 | 2.0 | 3.8 | 2.5 |
| New York City ⁹ | 3.9 | 4.4 | 2.2 | 3.3 | 6.8 | 5.7 | 1.7 | 2.0 | 4.3 | 3.0 |
| Rochester..... | 2.0 | 2.5 | 1.6 | 2.1 | 2.8 | 3.1 | 1.2 | 1.4 | 1.1 | 1.1 |
| Syracuse..... | 1.6 | 2.3 | 1.2 | 1.9 | 3.2 | 3.6 | 1.0 | 1.4 | 1.3 | 1.4 |
| Utica-Rome..... | 1.7 | 2.7 | 1.3 | 1.9 | 2.5 | 2.9 | .9 | 1.1 | 1.2 | 1.2 |
| Westchester County ⁹ | 2.8 | 3.8 | 1.9 | 2.9 | 4.5 | 3.9 | 1.5 | 1.9 | 2.3 | 1.3 |
| NORTH CAROLINA..... | 2.8 | 3.9 | 2.3 | 3.3 | 3.5 | 4.5 | 2.2 | 2.9 | .7 | .9 |
| Charlotte..... | 2.9 | 4.6 | 2.7 | 4.2 | 5.2 | 5.0 | 2.6 | 4.0 | 1.8 | .3 |
| Greensboro-Winston-Salem-High Point..... | 2.7 | 3.5 | 2.2 | 3.2 | 3.4 | 4.1 | 2.2 | 2.7 | .6 | .7 |
| NORTH DAKOTA..... | 2.4 | 3.5 | 2.1 | 2.3 | 6.2 | 5.6 | 1.6 | 1.9 | 3.7 | 1.7 |
| Fargo-Moorhead..... | 3.1 | 4.1 | 2.5 | 3.5 | 4.9 | 7.6 | 2.4 | 3.2 | 1.2 | 2.0 |
| OHIO..... | 2.5 | 3.1 | 1.7 | 2.2 | 3.1 | 3.9 | 1.3 | 1.5 | .9 | 1.5 |
| Akron..... | 2.0 | 1.9 | 1.2 | 1.5 | 2.1 | 2.8 | .9 | 1.1 | .6 | .9 |
| Canton..... | 2.8 | 3.0 | 1.6 | 2.0 | 3.8 | 4.3 | 1.2 | 1.6 | 1.6 | 1.4 |
| Cincinnati..... | 2.5 | 3.4 | 1.8 | 2.8 | 2.8 | 6.1 | 1.2 | 1.8 | .8 | 3.4 |
| Cleveland..... | 2.4 | 3.1 | 1.9 | 2.4 | 3.1 | 3.4 | 1.5 | 1.7 | .6 | .8 |
| Columbus..... | 2.9 | 3.7 | 2.4 | 2.9 | 3.3 | 3.9 | 1.7 | 1.9 | .8 | 1.0 |
| Dayton..... | 2.5 | 2.5 | 1.9 | 1.8 | 2.7 | 3.5 | 1.2 | 1.4 | .6 | 1.1 |
| Toledo..... | 2.3 | 3.6 | 1.6 | 2.7 | 4.1 | 4.0 | 1.1 | 1.7 | 1.4 | .9 |
| Youngstown-Warren..... | 1.6 | 2.9 | 1.1 | 1.5 | 2.4 | 3.4 | .9 | .9 | .5 | 1.7 |
| OKLAHOMA: | | | | | | | | | | |
| Oklahoma City..... | 5.4 | 5.6 | 4.0 | 4.7 | 5.2 | 5.7 | 3.0 | 3.4 | 1.3 | 1.5 |
| Tulsa ¹⁰ | 4.2 | 4.7 | 3.9 | 4.4 | 4.5 | 5.9 | 2.8 | 2.9 | .6 | 1.3 |
| OREGON ¹¹ | 3.3 | 3.8 | 2.8 | 3.2 | 5.3 | 4.6 | 1.9 | 2.1 | 2.7 | 1.8 |
| Portland ¹¹ | 3.6 | 3.7 | 3.1 | 3.3 | 4.2 | 4.4 | 1.9 | 2.2 | 1.7 | 1.5 |

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

ESTABLISHMENT DATA STATE AND AREA LABOR TURNOVER

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

| State and area | (Per 100 employees) | | | | | | | | | |
|---|---------------------|-----------|-----------|-----------|------------------|-----------|-----------|-----------|-----------|-----------|
| | Accession rates | | | | Separation rates | | | | | |
| | Total | | New hires | | Total | | Quits | | Layoffs | |
| | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 | Dec. 1969 | Nov. 1969 |
| PENNSYLVANIA: | | | | | | | | | | |
| Allentown-Bethlehem-Easton | 2.4 | 2.6 | 1.6 | 2.0 | 3.1 | 2.5 | 1.2 | 1.5 | 1.2 | 0.3 |
| Altoona | 3.5 | 3.9 | 2.6 | 3.2 | 4.5 | 4.9 | 2.1 | 2.5 | 1.9 | 1.9 |
| Erie | 2.9 | 4.1 | 2.3 | 3.3 | 5.0 | 3.8 | 1.3 | 1.9 | 2.9 | .9 |
| Harrisburg | 2.8 | 2.3 | 1.8 | 1.8 | 1.8 | 2.5 | 1.2 | 1.5 | .2 | .6 |
| Johnstown | .9 | 2.7 | .3 | 1.4 | 2.9 | 2.2 | .4 | 1.0 | 2.4 | .8 |
| Lancaster | 2.8 | 3.0 | 2.4 | 2.7 | 4.0 | 3.2 | 1.9 | 2.1 | 1.6 | .6 |
| Philadelphia | 2.3 | 3.2 | 1.8 | 2.5 | 3.1 | 3.4 | 1.3 | 1.6 | 1.1 | .9 |
| Pittsburgh | 1.5 | 1.5 | .6 | .8 | 2.4 | 2.1 | .4 | .6 | 1.4 | .8 |
| Reading | 3.1 | 3.8 | 2.6 | 3.3 | 3.4 | 3.5 | 1.9 | 2.5 | 1.0 | .5 |
| Scranton | 2.8 | 3.2 | 1.6 | 1.9 | 4.0 | 3.2 | 1.2 | 1.4 | 2.1 | 1.5 |
| Wilkes-Barre-Hazleton | 2.6 | 3.2 | 1.4 | 2.3 | 3.9 | 4.7 | 1.2 | 1.6 | 2.3 | 2.4 |
| York | 3.3 | 4.2 | 2.9 | 3.7 | 5.5 | 4.1 | 2.7 | 3.1 | 2.3 | .5 |
| RHODE ISLAND: | | | | | | | | | | |
| Providence-Pawtucket-Warwick | 3.9 | 5.1 | 2.8 | 4.0 | 4.8 | 4.9 | 2.4 | 2.8 | 1.7 | 1.5 |
| | 3.7 | 4.8 | 2.8 | 3.7 | 5.0 | 4.7 | 2.4 | 2.7 | 1.8 | 1.4 |
| SOUTH CAROLINA: | | | | | | | | | | |
| Greenville | (*) | 4.4 | (*) | 3.9 | (*) | 5.0 | (*) | 3.5 | (*) | .6 |
| SOUTH DAKOTA: | | | | | | | | | | |
| Sioux Falls | 4.9 | 4.7 | 2.0 | 3.2 | 6.8 | 5.0 | 1.3 | 2.1 | 5.0 | 2.1 |
| | 6.1 | 4.4 | 1.0 | 1.6 | 9.2 | 6.2 | 1.0 | 2.3 | 7.8 | 3.4 |
| TENNESSEE: | | | | | | | | | | |
| Memphis | 3.1 | 4.0 | 2.5 | 3.1 | 5.7 | 5.8 | 1.9 | 2.7 | 2.5 | 1.5 |
| TEXAS: | | | | | | | | | | |
| Dallas | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| Fort Worth | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| Houston | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| San Antonio | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) | (*) |
| UTAH ⁵ : | | | | | | | | | | |
| Salt Lake City ⁵ | 2.7 | 3.6 | 1.8 | 2.7 | 5.2 | 4.5 | 1.3 | 1.8 | 3.2 | 2.2 |
| | 2.2 | 3.3 | 2.0 | 3.0 | 3.2 | 2.9 | 1.3 | 1.8 | 1.0 | .5 |
| VERMONT: | | | | | | | | | | |
| Burlington | 2.6 | 2.9 | 2.0 | 2.3 | 2.6 | 3.3 | 1.5 | 2.1 | .5 | .6 |
| Springfield | 2.4 | 1.8 | 2.0 | 1.4 | 1.7 | 1.6 | 1.2 | .9 | .2 | .2 |
| | 2.0 | 1.9 | 1.9 | 1.6 | 1.6 | 1.9 | .9 | 1.0 | (2) | .3 |
| VIRGINIA: | | | | | | | | | | |
| Richmond | 2.7 | 3.6 | 2.0 | 2.9 | 3.6 | 4.1 | 2.0 | 2.3 | 1.1 | 1.1 |
| | 2.9 | 3.5 | 2.2 | 3.0 | 3.3 | 3.4 | 1.9 | 2.0 | .9 | .5 |
| WASHINGTON: | | | | | | | | | | |
| Seattle-Everett ¹¹ | 2.2 | 2.0 | 1.4 | 1.5 | 3.2 | 3.3 | 1.2 | 1.4 | 1.5 | 1.3 |
| WEST VIRGINIA: | | | | | | | | | | |
| Charleston | .8 | .3 | .5 | .3 | 1.6 | 2.7 | .2 | .2 | .3 | 2.3 |
| WISCONSIN: | | | | | | | | | | |
| Milwaukee | 2.7 | 3.0 | 2.0 | 2.4 | 3.5 | 4.1 | 1.5 | 1.7 | 1.2 | 1.5 |
| | 3.0 | 3.4 | 2.3 | 2.7 | 3.4 | 3.7 | 1.6 | 1.8 | .8 | .8 |
| WYOMING: | | | | | | | | | | |
| | 4.2 | 6.9 | 3.5 | 5.4 | 7.9 | 7.3 | 3.0 | 3.3 | 3.8 | 3.4 |

¹ Excludes canning and preserving.

² Less than 0.05.

³ Excludes agricultural chemicals and miscellaneous manufacturing.

⁴ Excludes canned fruits, vegetables, preserves, jams and jellies.

⁵ Excludes canning and preserving, and sugar.

⁶ Excludes canning and preserving, and newspapers.

⁷ Subarea of Philadelphia, Pennsylvania Standard Metropolitan Statistical Area.

⁸ Subarea of Rochester Standard Metropolitan Statistical Area.

⁹ Subarea of New York Standard Metropolitan Statistical Area.

¹⁰ Excludes new-hire rate for transportation equipment.

¹¹ Excludes canning and preserving, printing and publishing.

*Not available.

NOTE: Data for the current month are preliminary.

SOURCE: Cooperating State agencies listed on inside back cover.

UNEMPLOYMENT INSURANCE DATA

E-1: Insured unemployment under State programs

(Week including the 12th of the month)

| State | Number (in thousands) | | | | | Rate (percent of average covered employment) | | |
|----------------------------------|-----------------------|-----------|-----------|---------------------------------------|-----------|--|-----------|-----------|
| | Feb. 1970 | Jan. 1970 | Feb. 1969 | Change to Feb. 1970 from ¹ | | Feb. 1970 | Jan. 1970 | Feb. 1969 |
| | | | | Jan. 1970 | Feb. 1969 | | | |
| TOTAL² | 1,922.1 | 1,847.8 | 1,498.1 | +74.3 | +424.0 | 3.7 | 3.6 | 3.0 |
| SEASONALLY ADJUSTED | 1,405.2 | 1,300.8 | 1,096.6 | +104.4 | +308.6 | 2.7 | 2.5 | 2.2 |
| Alabama | 20.3 | 21.3 | 17.3 | -1.0 | +3.0 | 3.0 | 3.1 | 2.6 |
| Alaska | 6.5 | 5.9 | 6.1 | +6 | +4 | 13.0 | 11.9 | 13.5 |
| Arizona | 7.4 | 6.9 | 7.3 | +5 | +1 | 2.1 | 2.0 | 2.3 |
| Arkansas | 19.3 | 19.9 | 15.4 | -6 | +3.9 | 4.9 | 5.1 | 4.1 |
| California | 276.5 | 240.6 | 243.2 | +35.9 | +33.3 | 5.4 | 4.7 | 4.9 |
| Colorado | 8.7 | 8.2 | 6.3 | +5 | +2.4 | 1.8 | 1.7 | 1.4 |
| Connecticut | 37.6 | 38.6 | 28.8 | -9 | +8.8 | 3.8 | 3.9 | 3.1 |
| Delaware | 4.4 | 6.6 | 4.8 | -2.2 | -4 | 2.6 | 4.0 | 3.0 |
| District of Columbia | 6.6 | 6.2 | 4.7 | +4 | +1.9 | 1.9 | 1.8 | 1.4 |
| Florida | 23.3 | 21.6 | 17.7 | +1.6 | +5.6 | 1.7 | 1.5 | 1.4 |
| Georgia | 19.2 | 19.2 | 10.8 | -1 | +8.3 | 1.8 | 1.8 | 1.1 |
| Hawaii | 5.5 | 5.5 | 3.5 | - | +2.0 | 2.4 | 2.4 | 1.6 |
| Idaho | 8.5 | 7.3 | 7.2 | +1.2 | +1.2 | 5.8 | 4.9 | 5.1 |
| Illinois | 83.1 | 80.4 | 64.9 | +2.7 | +18.2 | 2.6 | 2.5 | 2.1 |
| Indiana | 40.7 | 40.9 | 21.7 | -1 | +19.0 | 2.9 | 2.9 | 1.6 |
| Iowa | 15.9 | 15.2 | 12.8 | +7 | +3.0 | 2.8 | 2.6 | 2.3 |
| Kansas | 16.6 | 13.4 | 9.6 | +3.2 | +7.0 | 3.8 | 3.1 | 2.3 |
| Kentucky | 28.1 | 27.1 | 20.3 | +1.0 | +7.8 | 4.6 | 4.5 | 3.5 |
| Louisiana | 33.7 | 32.5 | 26.0 | +1.2 | +7.7 | 4.6 | 4.5 | 3.7 |
| Maine | 11.4 | 12.2 | 9.5 | -9 | +1.9 | 5.1 | 5.5 | 4.3 |
| Maryland | 26.8 | 25.2 | 21.9 | +1.6 | +4.9 | 2.9 | 2.7 | 2.5 |
| Massachusetts | 74.9 | 74.2 | 62.3 | +6 | +12.6 | 4.3 | 4.3 | 3.7 |
| Michigan | 139.2 | 101.7 | 66.7 | +37.6 | +72.5 | 5.8 | 4.2 | 2.9 |
| Minnesota | 31.4 | 26.1 | 23.2 | +5.3 | +8.2 | 3.3 | 2.7 | 2.5 |
| Mississippi | 12.6 | 11.5 | 9.9 | +1.1 | +2.7 | 3.4 | 3.1 | 2.7 |
| Missouri | 42.3 | 48.9 | 30.6 | -6.6 | +11.7 | 3.6 | 4.1 | 2.7 |
| Montana | 8.1 | 7.3 | 6.9 | +8 | +1.2 | 6.5 | 5.9 | 5.8 |
| Nebraska | 7.3 | 6.6 | 6.4 | +7 | +9 | 2.5 | 2.2 | 2.3 |
| Nevada | 6.4 | 6.1 | 6.5 | +3 | -1 | 4.4 | 4.2 | 4.9 |
| New Hampshire | 4.0 | 3.4 | 2.1 | +6 | +1.8 | 2.0 | 1.8 | 1.1 |
| New Jersey | 95.9 | 100.7 | 85.1 | -4.8 | +10.8 | 4.9 | 5.2 | 4.6 |
| New Mexico | 7.6 | 7.3 | 5.7 | +4 | +2.0 | 4.2 | 4.1 | 3.3 |
| New York | 219.8 | 237.0 | 193.6 | -17.2 | +26.1 | 3.9 | 4.2 | 3.5 |
| North Carolina | 34.2 | 35.6 | 24.4 | -1.5 | +9.8 | 2.6 | 2.7 | 2.0 |
| North Dakota | 4.6 | 4.3 | 5.0 | +3 | -4 | 5.6 | 5.3 | 6.2 |
| Ohio | 73.5 | 68.2 | 45.0 | +5.4 | +28.6 | 2.5 | 2.3 | 1.6 |
| Oklahoma | 15.2 | 14.8 | 11.3 | +4 | +3.9 | 3.2 | 3.1 | 2.5 |
| Oregon | 32.9 | 32.3 | 29.2 | +6 | +3.7 | 6.2 | 6.0 | 5.8 |
| Pennsylvania | 108.0 | 111.8 | 88.0 | -3.8 | +19.9 | 3.2 | 3.3 | 2.7 |
| Puerto Rico ³ | 31.3 | 38.4 | 36.3 | -7.1 | -5.0 | 8.3 | 9.7 | 10.2 |
| Rhode Island | 13.5 | 14.6 | 11.5 | -1.1 | +2.0 | 4.9 | 5.3 | 4.1 |
| South Carolina | 15.8 | 14.4 | 10.5 | +1.4 | +5.2 | 2.6 | 2.4 | 1.8 |
| South Dakota | 2.9 | 2.9 | 2.7 | - | +1 | 3.1 | 3.2 | 3.1 |
| Tennessee | 38.7 | 45.9 | 30.5 | -7.2 | +8.2 | 4.1 | 4.9 | 3.4 |
| Texas | 37.6 | 31.5 | 25.4 | +6.1 | +12.2 | 1.5 | 1.3 | 1.1 |
| Utah | 10.3 | 10.4 | 9.8 | -1 | +6 | 4.7 | 4.7 | 4.7 |
| Vermont | 4.2 | 3.8 | 3.5 | +4 | +7 | 4.2 | 3.8 | 3.6 |
| Virginia | 15.4 | 14.9 | 10.0 | +6 | +5.4 | 1.6 | 1.5 | 1.1 |
| Washington | 69.6 | 59.1 | 50.7 | +10.6 | +18.9 | 8.4 | 7.1 | 6.4 |
| West Virginia | 17.9 | 18.6 | 15.6 | -7 | +2.3 | 5.1 | 5.3 | 4.4 |
| Wisconsin | 45.0 | 39.2 | 27.8 | +5.9 | +17.2 | 4.0 | 3.4 | 2.5 |
| Wyoming | 2.0 | 1.7 | 2.0 | +3 | +1 | 2.9 | 2.4 | 2.9 |

¹Based on unrounded data; changes of less than 50 not shown.²Include data under the program for Puerto Rico's sugarcane workers. Rates exclude the sugarcane workers as comparable covered employment data are not yet available.³Excludes insured unemployment under extended duration provisions of regular State laws.

UNEMPLOYMENT INSURANCE DATA

E-2: Insured unemployment¹ in 150 major labor areas²

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

| State and area | Feb. 1970 | Jan. 1970 | State and area | Feb. 1970 | Jan. 1970 | State and area | Feb. 1970 | Jan. 1970 | State and area | Feb. 1970 | Jan. 1970 |
|----------------------|-----------|-----------|----------------------|-----------|-----------|-----------------------|-----------|-----------|--------------------------------|-----------|-----------|
| ALABAMA | | | INDIANA | | | NEW HAMPSHIRE | | | Pennsylvania--continued | | |
| Birmingham..... | 4.1 | 4.4 | Evansville..... | 2.1 | 2.3 | Manchester..... | 0.7 | 0.9 | York..... | 2.0 | 1.1 |
| Mobile..... | 2.0 | 1.9 | Fr. Wayne..... | 1.2 | 1.1 | | | | | | |
| | | | Gary-Hammond.. | 3.0 | 2.6 | NEW JERSEY | | | PUERTO RICO* | | |
| | | | Indianapolis.... | 8.8 | 7.5 | Atlantic City.... | 4.9 | 5.1 | Mayaguez..... | 1.8 | 2.1 |
| ARIZONA | | | South Bend..... | 2.7 | 2.2 | Jersey City..... | 11.4 | 13.4 | Ponce..... | 2.4 | 4.0 |
| Phoenix..... | 4.1 | 3.9 | Terre Haute..... | 1.4 | 1.6 | Newark..... | 25.4 | 25.8 | San Juan..... | 5.5 | 4.9 |
| | | | | | | New Brunswick.. | 8.1 | 8.2 | | | |
| ARKANSAS | | | IOWA | | | Paterson..... | 18.3 | 19.2 | | | |
| Little Rock..... | 1.6 | 1.2 | Cedar Rapids.... | .8 | .7 | Trenton..... | 2.8 | 3.1 | | | |
| | | | Des Moines..... | 1.3 | 1.4 | | | | RHODE ISLAND | | |
| CALIFORNIA | | | | | | NEW MEXICO | | | Providence..... | 14.2 | 15.4 |
| Anaheim-S. Ana- | | | KANSAS | | | Albuquerque.... | 2.6 | 2.5 | | | |
| Garden Grove.. | 14.1 | 12.1 | Wichita..... | 5.9 | 3.1 | | | | SOUTH CAROLINA | | |
| Fresno..... | 8.7 | 6.6 | | | | NEW YORK | | | Charleston..... | 1.2 | 1.1 |
| Los Angeles.... | 96.1 | 89.0 | KENTUCKY | | | Albany..... | 8.6 | 14.4 | Greenville..... | 1.6 | 1.3 |
| Sacramento..... | 13.0 | 12.1 | Louisville..... | 6.9 | 5.3 | Binghamton.... | 2.7 | 2.6 | | | |
| San Bernardino.. | 11.2 | 9.8 | LOUISIANA | | | Buffalo..... | 16.1 | 13.9 | | | |
| San Diego..... | 13.0 | 10.9 | Baton Rouge.... | 2.2 | 2.2 | New York..... | 134.9 | 145.8 | | | |
| San Francisco.. | 44.2 | 38.3 | New Orleans.... | 8.0 | 6.7 | Rochester..... | 8.0 | 6.7 | TENNESSEE | | |
| San Jose..... | 16.7 | 12.5 | Shreveport..... | 2.0 | 2.1 | Syracuse..... | 8.4 | 11.0 | Chattanooga.... | 2.0 | 1.9 |
| Stockton..... | 8.1 | 6.7 | | | | Utica..... | 7.1 | 7.7 | Knoxville..... | 4.2 | 4.4 |
| | | | MAINE | | | | | | Memphis..... | 5.6 | 6.1 |
| COLORADO | | | Portland..... | 1.2 | 1.2 | NORTH CAROLINA | | | Nashville..... | 3.6 | 3.8 |
| Denver..... | 4.3 | 3.7 | | | | Asheville..... | 1.3 | 1.4 | | | |
| | | | MARYLAND | | | Charlotte..... | 1.8 | 1.4 | TEXAS | | |
| CONNECTICUT | | | Baltimore..... | 16.4 | 15.2 | Durham..... | 1.1 | 1.2 | Austin..... | .5 | .4 |
| Bridgeport..... | 6.1 | 6.4 | | | | Greensboro- | | | Beaumont..... | 1.8 | 1.7 |
| Hartford..... | 6.7 | 7.1 | MASSACHUSETTS | | | Winston-Salem.. | 3.5 | 3.4 | Corpus Christi.. | 1.1 | 1.1 |
| New Britain..... | 1.7 | 1.8 | Boston..... | 30.5 | 29.5 | | | | Dallas..... | 5.1 | 2.5 |
| New Haven..... | 4.5 | 4.4 | Brockton..... | 2.5 | 2.5 | OHIO | | | El Paso..... | 2.1 | 2.2 |
| Stamford..... | 1.9 | 2.1 | Fall River..... | 4.0 | 5.0 | Akron..... | 4.1 | 4.1 | Ft. Worth..... | 2.6 | 1.4 |
| Waterbury..... | 4.7 | 4.0 | Lawrence..... | 3.7 | 3.5 | Canton..... | 3.2 | 2.3 | Houston..... | 2.7 | 2.4 |
| | | | Lowell..... | 3.0 | 2.9 | Cincinnati..... | 9.0 | 10.1 | San Antonio.... | 2.2 | 2.1 |
| DELAWARE | | | New Bedford.... | 4.1 | 5.1 | Cleveland..... | 10.9 | 9.7 | | | |
| Wilmington..... | 4.4 | 6.5 | Springfield.... | 6.7 | 6.7 | Columbus..... | 5.3 | 4.2 | UTAH | | |
| | | | Worcester..... | 4.1 | 4.0 | Dayton..... | 4.6 | 3.5 | Salt Lake City.. | 4.8 | 4.5 |
| DIST. OF COL. | | | | | | Hamilton..... | 2.1 | 1.8 | | | |
| Washington..... | 10.5 | 9.4 | MICHIGAN | | | Lorain..... | 1.7 | 1.3 | VIRGINIA | | |
| | | | Battle Creek.... | 2.6 | 2.4 | Stuebenville... | 1.2 | 1.1 | Hampton..... | 1.2 | .9 |
| FLORIDA | | | Detroit..... | 66.3 | 48.0 | Toledo..... | 5.8 | 6.1 | Norfolk..... | 2.1 | 1.7 |
| Jacksonville.... | .7 | 1.1 | Flint..... | 9.2 | 5.1 | Youngstown.... | 4.4 | 4.0 | Richmond..... | .4 | .4 |
| Miami..... | 6.3 | 5.3 | Grand Rapids... | 9.1 | 6.5 | | | | Roanoke..... | .4 | .3 |
| Tampa..... | 3.4 | 3.4 | Kalamazoo..... | 1.7 | 1.5 | OKLAHOMA | | | | | |
| | | | Lansing..... | 5.2 | 3.0 | Oklahoma City.. | 2.0 | 2.1 | WASHINGTON | | |
| | | | Muskegon..... | 2.0 | 1.5 | Tulsa..... | 3.1 | 2.6 | Seattle..... | 31.7 | 23.7 |
| GEORGIA | | | Saginaw..... | 2.0 | 1.4 | | | | Spokane..... | 4.7 | 4.6 |
| Atlanta..... | 6.0 | 5.0 | MINNESOTA | | | OREGON | | | Tacoma..... | 6.9 | 5.8 |
| Augusta..... | 1.3 | 1.2 | Duluth..... | 2.2 | 2.2 | Portland..... | 13.4 | 12.1 | | | |
| Columbus..... | 1.2 | 1.3 | Minneapolis.... | 8.9 | 6.8 | | | | WEST VIRGINIA | | |
| Macon..... | 1.0 | .9 | | | | PENNSYLVANIA | | | Charleston..... | 2.2 | 2.4 |
| Savannah..... | .7 | .6 | MISSISSIPPI | | | Allentown..... | 3.3 | 4.5 | Huntington..... | 2.8 | 3.4 |
| | | | Jackson..... | 1.3 | 1.0 | Alroona..... | 1.5 | 1.9 | Wheeling..... | 2.2 | 2.0 |
| HAWAII | | | | | | Erie..... | 2.7 | 2.2 | | | |
| Honolulu..... | 3.7 | 3.8 | MISSOURI | | | Harrisburg..... | 2.3 | 2.6 | WISCONSIN | | |
| | | | Kansas City.... | 9.7 | 8.3 | Johnstown..... | 4.0 | 3.8 | Kenosha..... | .8 | .9 |
| ILLINOIS | | | St. Louis..... | 25.3 | 28.6 | Lancaster..... | 1.9 | 1.9 | Madison..... | 1.6 | 1.8 |
| Chicago..... | 39.4 | 36.1 | | | | Philadelphia... | 40.4 | 37.9 | Milwaukee..... | 10.3 | 9.7 |
| Davenport..... | 4.1 | 4.3 | NEBRASKA | | | Pittsburgh..... | 21.3 | 20.7 | Racine..... | 1.6 | 1.4 |
| Peoria..... | 2.8 | 2.5 | Omaha..... | 2.7 | 2.3 | Reading..... | 1.9 | 2.4 | | | |
| Rockford..... | 2.0 | 2.0 | | | | Scranton..... | 4.5 | 5.1 | | | |
| | | | | | | Wilkes-Barre... | 6.4 | 8.7 | | | |

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

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

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

Technical Note

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

INTRODUCTION

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

Data based on household interviews are obtained from a sample survey of the population 16 years of age and over. The survey is conducted each month by the Bureau of the Census for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed and the unemployed, including such characteristics as age, sex, color, marital status, occupations, hours of work, and duration of unemployment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 50,000 households, representing 449 areas in 863 counties and independent cities, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

Data based on establishment payroll records are compiled each month from mail questionnaires by the Bureau of Labor Statistics, in cooperation with State agencies. The payroll survey provides detailed industry information on nonagricultural wage and salary employment, average weekly hours, average hourly and weekly earnings, and labor turnover for the Nation, States, and metropolitan areas. The figures are based on payroll reports from a sample of establishments employing about 30 million nonagriculture wage and salary workers. The data relate to all workers, full- or part-time, who received pay during the payroll period which includes the 12th of the month.

Data based on administrative records of unemployment insurance systems furnish a complete count of insured unemployment among the two-thirds of the Nation's labor force covered by unemployment insurance programs. Weekly reports, by State, are issued on the number of initial claims, the volume and rate of insured unemployment under State unemployment insurance programs, and the volume under programs of unemployment compensation for Federal employees, ex-servicemen, and railroad workers. These statistics are published by the Manpower Administration, U.S. Department of Labor, in "Unemployment Insurance Claims."

Relation between the household and payroll series

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

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

Employment

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

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

Unpaid absences from jobs. The household survey includes among the employed all persons who had jobs but were not at work during the survey week--that is, were not working but had jobs from which they were temporarily absent because of illness, bad weather, vacation, labor-management dispute, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In

the figures based on payroll reports, persons on leave paid for by the company are included, but not those on leave without pay for the entire payroll period.

Hours of Work

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

Comparability of the household interview data with other series

Unemployment insurance data. The unemployed total from the household survey includes all persons who did not have a job at all during the survey week and were looking for work or were waiting to be called back to a job from which they had been laid off, regardless of whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Manpower Administration of the Department of Labor, exclude persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (agriculture, State and local government, domestic service, self employment, unpaid family work, nonprofit organizations, and firms below a minimum size).

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

Agricultural employment estimates of the Department of Agriculture. The principal differences in coverage

are the inclusion of persons under 16 in the Statistical Research Service (SRS) series and the treatment of dual jobholders who are counted more than once if they worked on more than one farm during the reporting period. There are also wide differences in sampling techniques and collecting and estimating methods, which cannot be readily measured in terms of impact on differences in level and trend of the two series.

Comparability of the payroll employment data with other series

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

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

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

Labor Force Data

COLLECTION AND COVERAGE

Statistics on the employment status of the population, the personal, occupational, and other characteristics of the employed, the unemployed, and persons not in the labor force, and related data are compiled for the BLS by the Bureau of the Census in its Current Population Survey (CPS). A detailed description of this survey appears in "Concepts and Methods Used in Manpower Statistics from the Current Population Survey" (BLS Re-

port 313). This report is available from BLS on request.

These monthly surveys of the population are conducted with a scientifically selected sample designed to represent the civilian noninstitutional population 16 years and over. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. The inquiry relates to activity or status during the calendar week,

Sunday through Saturday, which includes the 12th of the month. This is known as the survey week. Actual field interviewing is conducted in the following week.

Inmates of institutions and persons under 16 years of age are not covered in the regular monthly enumerations and are excluded from the population and labor force statistics shown in this report. Data on members of the Armed Forces, who are included as part of the categories "total noninstitutional population" and "total labor force," are obtained from the Department of Defense.

Each month, 50,000 occupied units are designated for interview. About 2,250 of these households are visited but interviews are not obtained because the occupants are not found at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey of about 4.5 percent. In addition to the 50,000 occupied units, there are 8,500 sample units in an average month which are visited but found to be vacant or otherwise not to be enumerated. Part of the sample is changed each month. The rotation plan provides for three-fourths of the sample to be common from one month to the next, and one-half to be common with the same month a year ago.

CONCEPTS

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

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

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

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

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

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

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

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

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

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

For persons not in the labor force, data on previous work experience, intentions to seek work again, desire for a job at the time of interview, and reasons for not looking for work are compiled on a quarterly basis. The detailed questions for persons not in the labor force are asked only in those households that are new entrants to the sample and in those that are reentering the sample after 8 months' absence.

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

sons with two or more jobs are classified in the job at which they worked the greatest number of hours during the survey week. The unemployed are classified according to their latest full-time civilian job lasting 2 weeks or more. The occupation and industry groups used in data derived from the CPS household interviews are defined as in the 1960 Census of Population. Information on the detailed categories included in these groups is available upon request.

The class-of-worker breakdown specifies "wage and salary workers," subdivided into private and government workers, "self-employed workers," and "unpaid family workers." Wage and salary workers receive wages, salary, commission, tips, or pay in kind from a private employer or from a governmental unit. Self-employed persons are those who work for profit or fees in their own business, profession, or trade, or operate a farm. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by blood or marriage.

Hours of work statistics relate to the actual number of hours worked during the survey week. For example, a person who normally works 40 hours a week but who was off on the Veterans Day holiday would be reported as working 32 hours even though he was paid for the holiday.

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

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

Full- and part-time labor force. The *full-time labor force* consists of persons working on full-time schedules, persons involuntarily working part time (because full-time work is not available), and unemployed persons seeking full-time jobs. The *part-time labor force* consists of persons working part time voluntarily and unemployed persons seeking part-time work. Persons with a job but not at work during the survey week are classified ac-

ording to whether they usually work full or part time.

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

ESTIMATING METHODS

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

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability for other reasons. This adjustment is made separately by groups of sample areas and, within these, for six groups--color (white and non-white) within the three residence categories (urban, rural nonfarm, and rural farm). The proportion of sample households not interviewed varies from 4 to 6 percent depending on weather, vacations, etc.

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

a. *First-stage ratio estimate.* This is a procedure in which the sample proportions are weighted by the known 1960 Census data on the color-residence distribution of the population. This step takes into account the differences existing at the time of the 1960 Census between the color-residence distribution for the Nation and for the sample areas.

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

tion between the United States and other countries.

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

Rounding of Estimates

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

Reliability of the Estimates

Since the estimates are based on a sample, they may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures.

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

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

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

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

Table A. Average standard error of major employment status categories

(In thousands)

| Employment status and sex | Average standard error of-- | |
|---------------------------------------|-----------------------------|---|
| | Monthly level | Month-to-month change (consecutive months only) |
| BOTH SEXES | | |
| Labor force and total employment..... | 190 | 145 |
| Agriculture..... | 120 | 100 |
| Nonagricultural employment | 200 | 150 |
| Unemployment..... | 75 | 80 |
| MALE | | |
| Labor force and total employment..... | 100 | 75 |
| Agriculture..... | 95 | 80 |
| Nonagricultural employment | 120 | 95 |
| Unemployment..... | 60 | 60 |
| FEMALE | | |
| Labor force and total employment..... | 150 | 115 |
| Agriculture..... | 50 | 40 |
| Nonagricultural employment | 150 | 115 |
| Unemployment..... | 50 | 55 |

Table B. Standard error of level of monthly estimates

(In thousands)

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

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

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

Table C. Standard error of estimates of month-to-month change
(In thousands)

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

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

Table D. Standard error of percentage

| Base of percentages (thousands) | Estimated percentage | | | | | | | | |
|---------------------------------|----------------------|---------|---------|----------|----------|----------|----------|----------|-----|
| | 1 or 99 | 2 or 98 | 5 or 95 | 10 or 90 | 15 or 85 | 20 or 80 | 25 or 75 | 35 or 65 | 50 |
| 150 ... | .8 | 1.2 | 1.8 | 2.5 | 2.9 | 3.3 | 3.4 | 3.9 | 4.0 |
| 250 ... | .7 | .8 | 1.4 | 1.9 | 2.3 | 2.5 | 2.8 | 3.0 | 3.2 |
| 500 ... | .5 | .7 | 1.0 | 1.4 | 1.6 | 1.8 | 1.9 | 2.1 | 2.3 |
| 1,000 .. | .3 | .4 | .7 | 1.0 | 1.2 | 1.4 | 1.4 | 1.6 | 1.6 |
| 2,000 .. | .3 | .3 | .5 | .7 | .7 | .8 | 1.0 | 1.1 | 1.2 |
| 3,000 .. | .2 | .3 | .4 | .7 | .7 | .7 | .8 | .8 | 1.0 |
| 5,000 .. | .2 | .2 | .3 | .4 | .5 | .7 | .7 | .7 | .7 |
| 10,000 . | .1 | .2 | .3 | .3 | .3 | .4 | .4 | .5 | .5 |
| 25,000 . | .1 | .1 | .2 | .2 | .3 | .3 | .3 | .3 | .3 |
| 50,000 . | .1 | .1 | .1 | .2 | .2 | .2 | .2 | .3 | .3 |
| 75,000 . | .1 | .1 | .1 | .1 | .2 | .2 | .2 | .2 | .2 |

Establishment Data

COLLECTION

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

Federal-State Cooperation

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

State agencies mail the forms to the establishments and examine the returns for consistency, accuracy, and completeness. The States use the information to prepare

State and area series and then send the establishment data to the BLS for use in preparing the national series.

Shuttle Schedules

Two types of data collection schedules are used: Form BLS 790--Monthly Report on Employment, Payroll, and Hours; and Form DL 1219--Monthly Report on Job Openings and Labor Turnover. These schedules are of the "shuttle" type, with space for each month of the calendar year. The collecting agency returns the schedule to the respondent each month so that the next month's data can be entered. This procedure assures maximum comparability and accuracy of reporting, since the respondent can see the figures he has reported for previous months.

Form BLS 790 provides for entry of data on the number of full- and part-time workers on the payrolls of non-

agricultural establishments and, for most industries, payroll and man-hours of production and related workers or nonsupervisory workers for the pay period which includes the 12th of the month. Form DL 1219 provides for the collection of information on the total number of accessions and separations, by type, during the calendar month, and was revised in January 1969 to provide for the collection of job openings data as well.

CONCEPTS

Industrial Classification

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

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

Industry Employment

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

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

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

Industry Hours and Earnings

Hours and earnings data are derived from reports of payrolls and man-hours for production and related workers in manufacturing and mining, construction workers in contract construction, and nonsupervisory employees in the remaining nonagricultural components. For Federal

Government, hours and earnings relate to all employees, both supervisory and nonsupervisory. Terms are defined below. When the pay period reported is longer than 1 week, figures are reduced to a weekly basis.

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

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

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

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

Man-hours cover man-hours paid for, during the pay period which includes the 12th of the month, for production, construction, or nonsupervisory workers. The man-hours include hours paid for holidays and vacations, and for sick leave when pay is received directly from the firm.

Overtime hours cover hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which includes the 12th of the month. Weekend and holiday hours are included only if overtime

premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Gross Average Hourly and Weekly Earnings

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

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

Gross average weekly earnings are derived by multiplying average weekly hours by average hourly earnings. Therefore, weekly earnings are affected not only by changes in gross average hourly earnings but also by changes in the length of the workweek, part-time work, stoppages for varying causes, labor turnover, and absenteeism.

Average Weekly Hours

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

Average Overtime Hours

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

Since overtime hours are premium hours by definition, gross weekly hours and overtime hours do not necessarily move in the same direction from month-to-month; for example, overtime premiums may be paid for hours in excess of the straight-time workday although less than a full week is worked. Diverse trends at the industry-group level also may be caused by a marked change

in gross hours for a component industry where little or no overtime was worked in both the previous and current months. In addition, such factors as stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on gross hours.

Hours and Earnings For Total Private Nonagricultural Industries

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

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

Railroad Hours and Earnings

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

Spendable Average Weekly Earnings

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

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

Average Hourly Earnings Excluding Overtime

Average hourly earnings excluding overtime premium pay are computed by dividing the total production-worker payroll for the industry group by the sum of total production-worker man-hours and one-half of total overtime man-hours. Prior to January 1956, these data were based on the application of adjustment factors to gross average hourly earnings (as described in the *Monthly Labor Review*, May 1950, pp. 537-540). Both methods eliminate only the earnings due to overtime paid for at 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 Man-Hours

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

Labor Turnover

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

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

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

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

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

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

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

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

Relationship to Employment Series

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

ESTIMATING METHODS

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

The "Link Relative" Technique

From a sample composed of establishments reporting for both the previous and current months, the ratio of current month employment to that of the previous month is computed. This is called a link relative. The estimates of employment (all employees, including production and nonproduction workers together) for the current month are obtained by multiplying the estimates for the previous month by these "link relatives. In addition, small bias correction factors are applied to selected employment estimates each month. The size of the bias correction factors is determined from past experience. Other features of the general procedures are described later in the table, Summary of Methods for Computing Industry Statistics on Employment, Hours, Earnings, and Labor Turnover. Further details are given in the technical notes on *Measurement of Employment, Hours, and Earnings in Non-agricultural Industries* and on *Measurement of Labor Turnover*, which are available upon request.

Size and Regional Stratification

A number of industries are stratified by size of establishment and/or by region, and the stratified produc-

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

Benchmark Adjustments

Employment estimates are compared periodically with comprehensive counts of employment which provide "benchmarks" for the various nonagricultural industries, and appropriate adjustments are made as indicated. The industry estimates are currently projected from March 1968 levels. Normally, benchmark adjustments are made annually.

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

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

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

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

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

THE SAMPLE

Design

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

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

In the context of the BLS employment and labor turnover statistics programs, with their emphasis on pro-

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

Coverage

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

Approximate size and coverage of BLS employment and payrolls sample, March 1968¹

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

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

² State and area estimates of Federal employment are based on reports from a sample of Federal establishments, collected through the BLS-State cooperative program.

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

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

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

Reliability of the Employment Estimates

The estimates derived from the establishment survey may differ from the figures that would have been obtained if it were possible to take a complete census using the same schedules and procedures. The relatively large size of the BLS establishment sample assures a high degree of accuracy. However, since the link relative technique requires the use of the previous month's estimate as the base in computing the current month's estimate, small sampling and response errors may cumulate over several months. To remove this accumulated error, the estimates are adjusted annually to new benchmarks. In addition to the sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments (resulting from changes in their product which are not reflected in the levels of estimates until the data are adjusted to new benchmarks). In fact, at the more detailed industry levels, particularly within manufacturing, changes in classification are the major cause of benchmark adjustments. Another cause of differences, generally minor, arises from improvements in the quality of the benchmark data. (A detailed description of the March 1968 benchmark is available from the Bureau upon request.)

One measure of the reliability of ratio estimates is the root mean square error (RMSE). This measure is the standard deviation adjusted for the bias in ratio estimates ($RMSE = \sqrt{(\text{Standard Deviation})^2 + (\text{Bias})^2}$). If the bias is small, the chances are about 2 out of 3 that an estimate from the sample would differ from its benchmark by less than the root mean square error. The chances are about 19 out of 20 that the difference would be less than twice the root mean square error.

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

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

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

¹ Assuming 12-month intervals between benchmark revisions.

For the most recent months, estimates of employment, hours, and earnings are preliminary and are so footnoted in the tables. These figures are based on less than the total sample and are revised when all the reports in the sample have been received. The table below presents root-mean-square-errors of the amounts of

Errors of preliminary employment estimates

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

revision that may be expected between the preliminary and final levels of employment and preliminary and final month-to-month changes. Revisions of preliminary hours and earnings estimates are normally not greater than .1 of an hour for weekly hours or 1 cent for hourly earnings.

STATISTICS FOR STATES AND AREAS

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

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

UNEMPLOYMENT INSURANCE DATA

Insured unemployment represents the number of persons reporting a week of unemployment under an unemployment insurance program. It includes some persons who are working part time who would be counted as employed in the payroll and household surveys. Excluded are persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (agriculture, State and local government, domestic service, self-employment, unpaid family work, nonprofit organizations, and firms below a minimum size). The rate of insured unemployment is the number of insured unemployed expressed as a percent of average covered employment in a 12-month period ending 6 to 8 months prior to the week of reference. Initial

claims are notices filed by those losing jobs covered by an unemployment insurance program that they are starting a period of unemployment. A claimant who continues to be unemployed a full week is then counted in the insured unemployment figure.

Because of differences in State laws and procedures under which unemployment insurance programs are operated, State unemployment rates generally indicate, but do not precisely measure, differences among the individual States. Persons wishing to receive a detailed description of the nature, sources, inclusions and exclusions, and limitations of unemployment insurance data should address their inquiries to Manpower Administration, Washington, D.C.

SEASONAL ADJUSTMENT

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

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

For establishment data, the seasonally adjusted series on weekly hours and labor turnover rates for industry groupings are computed by applying factors directly to the corresponding unadjusted series. However, seasonally adjusted employment totals for all employees and production workers by industry division are obtained by summing seasonally adjusted data for the component industries. Indexes of aggregate weekly man-hours, seasonally adjusted, for mining, contract construction, and the major industries in manufacturing are obtained by multiplying average weekly hours, seasonally adjusted, by production workers, seasonally adjusted, and dividing by the 1957-59 base. For total, manufacturing, and durable and nondurable goods, the indexes of aggregate weekly man-hours, seasonally adjusted, are obtained by summing the aggregate weekly man-hours, seasonally adjusted, for the appropriate component industries and dividing by the 1957-59 base.

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

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

The seasonal adjustment factors applying to current data are based on a pattern shown by past experience. These factors are revised in the light of the pattern revealed by subsequent data. Revised seasonally adjusted series for major components of the labor force based on data through December 1969 are published in the February 1970 *Employment and Earnings*. Revisions will be made annually as each additional year's data become available.

ATTENTION

As discussed in the Technical Note, the Bureau periodically adjusts the industry employment series to a recent benchmark to improve their accuracy. These adjustments may also affect the hours and earnings series because employment levels are used as weights. Industry data for all national series shown in this report have been adjusted to March 1968 benchmarks. Data from April 1968 forward are subject to revision at the time of the next benchmark.

Beginning with the July 1969 and subsequent issues of Employment and Earnings, the national data in sections B, C, and D supersede those published in previous issues, as well as those appearing in the Handbook of Labor Statistics, 1969. Historical data for a particular industry, comparable to those currently appearing in Employment and Earnings, are available upon request to any of the BLS regional offices (see inside back cover for addresses) or to the Bureau of Labor Statistics, Washington, D.C. 20212.

Summary of Methods for Computing Industry Statistics

on Employment, Hours, Earnings, and Labor Turnover

| Item | Basic estimating cells (industry, region, size, or region/size cell) | Aggregate industry levels (divisions, groups and, where stratified, individual cells) |
|--|---|---|
| Monthly Data | | |
| All employees | All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. | Sum of all-employee estimates for component cells. |
| Production or nonsupervisory workers; women employees . | All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) ratio of women to all employees. | Sum of production- or nonsupervisory-worker estimates, or estimates of women employees, for component cells. |
| Gross average weekly hours | Production- or nonsupervisory-worker man-hours divided by number of production or nonsupervisory workers. | Average, weighted by production- or nonsupervisory-worker employment, of the average weekly hours for component cells. |
| Average weekly overtime hours | Production-worker overtime man-hours divided by number of production workers. | Average, weighted by production-worker employment, of the average weekly overtime hours for component cells. |
| Gross average hourly earnings | Total production- or nonsupervisory-worker payroll divided by total production- or nonsupervisory-worker man-hours. | Average, weighted by aggregate man-hours, of the average hourly earnings for component cells. |
| Gross average weekly earnings | Product of gross average weekly hours and average hourly earnings. | Product of gross average weekly hours and average hourly earnings. |
| Labor turnover rates | The number of particular actions (e.g., quits) in reporting firms divided by total employment in those firms. The result is multiplied by 100. | Average, weighted by employment, of the rates for component cells. |
| Annual Average Data | | |
| All employees and production or nonsupervisory workers . | Sum of monthly estimates divided by 12. | Sum of monthly estimates divided by 12. |
| Gross average weekly hours | Annual total of aggregate man-hours (production- or nonsupervisory-worker employment multiplied by average weekly hours) divided by annual sum of employment. | Annual total of aggregate man-hours for production or nonsupervisory workers divided by annual sum of employment for these workers. |
| Average weekly overtime hours | Annual total of aggregate overtime man-hours (production-worker employment multiplied by average weekly overtime hours) divided by annual sum of employment. | Annual total of aggregate overtime man-hours for production workers divided by annual sum of employment for these workers. |
| Gross average hourly earnings | Annual total of aggregate payrolls (production- or nonsupervisory-worker employment multiplied by weekly earnings) divided by annual aggregate man-hours. | Annual total of aggregate payrolls divided by annual aggregate man-hours. |
| Gross average weekly earnings | Product of gross average weekly hours and average hourly earnings. | Product of gross average weekly hours and average hourly earnings. |
| Labor turnover rates | Sum of monthly rates divided by 12. | Sum of monthly rates divided by 12. |