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THE EMPLOYMENT SITUATION: NOVEMBER 1979

Employment rose in November and unemployment edged down, the Bureau of Labor Statistics of the U. S. Department of Labor reported today. The Nation's overall unemployment rate was 5.8 percent, compared with 6.0 percent in October. The jobless rate has fluctuated between 5.6 and 6.0 percent for more than a year.

Total employment--as measured by the monthly survey of households--rose 350,000 in November to 97.6 million. Total employment has grown by 1.9 million since November 1978, with more than half of the increase occurring between last November and March.

Nonfarm payroll employment--as measured by the monthly survey of establishments--advanced by 220,000 in November to 90.2 million. Over the year, payroll jobs increased by 2.4 million; again, much of the growth took place in the 4 months prior to April.

Unemployment

The number of unemployed persons edged down by 140,000 in November to 6.0 million. The overall unemployment rate moved from 6.0 percent in October to 5.8 percent, the same as the September rate and within the relatively narrow range in which unemployment has remained since August 1978. (See table A-1.)

Over-the-month declines in unemployment occurred among adult women and blacks, whose jobless rates declined to 5.5 and 10.8 percent, respectively, reversing increases of comparable magnitude in October. The unemployment rate for adult men (4.3 percent) and white workers (5.2 percent), on the other hand, were unchanged. In other worker categories, jobless rates fell among part-time and white-collar workers, while the rate for blue-collar workers was about unchanged from the previous month. Blue-collar unemployment was up markedly over the year, however, in contrast to movements among most other major worker groups. (See table A-2.)

Total Employment and the Labor Force

Total employment increased by 350,000 in November to 97.6 million. This increase took place primarily among adult women and white workers. Employment in white-collar jobs rose by 220,000 in

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November, with most of the increase occurring among sales workers. Although movements in employment have tended to be erratic in recent months, employment has increased by 1.9 million over the past year. Adult women accounted for three-fourths of the year-to-year growth. (See table A-1.)

The civilian labor force, at 103.7 million, edged up by 210,000 in November. Over-the-month increases in the labor force occurred entirely among white workers, as the number of blacks in the labor force declined. Since November 1978, the overall labor force has advanced by 2.1 million.

The labor force participation rate was 63.8 percent in November. Over the year, participation has increased by 0.2 percentage point, due entirely to increased labor force activity among adult women. Adult male and teenage participation rates were both down from a year earlier.

Table A. Major indicators of labor market activity, seasonally adjusted

| Selected categories | Quarterly averages | | | Monthly data | | | Oct.- Nov. change |
|-----------------------------------|---------------------------|---------|---------|--------------|---------|---------|-------------------------|
| | 1978 | 1979 | | 1979 | | | |
| | III | II | III | Sept. | Oct. | Nov. | |
| HOUSEHOLD DATA | | | | | | | |
| | Thousands of persons | | | | | | |
| Civilian labor force..... | 100,753 | 102,295 | 103,202 | 103,498 | 103,474 | 103,685 | 211 |
| Total employment..... | 94,726 | 96,415 | 97,208 | 97,513 | 97,293 | 97,646 | 353 |
| Unemployment..... | 6,027 | 5,880 | 5,994 | 5,985 | 6,182 | 6,039 | -143 |
| Not in labor force..... | 58,482 | 58,886 | 58,604 | 58,515 | 58,901 | 58,904 | 3 |
| Discouraged workers..... | 853 | 826 | 739 | N.A. | N.A. | N.A. | N.A. |
| | Percent of labor force | | | | | | |
| Unemployment rates: | | | | | | | |
| All workers..... | 6.0 | 5.7 | 5.8 | 5.8 | 6.0 | 5.8 | -0.2 |
| Adult men..... | 4.1 | 3.9 | 4.2 | 4.2 | 4.3 | 4.3 | 0 |
| Adult women..... | 6.1 | 5.7 | 5.6 | 5.5 | 5.8 | 5.5 | -3 |
| Teenagers..... | 16.1 | 16.2 | 16.1 | 16.4 | 16.6 | 15.9 | -7 |
| White..... | 5.2 | 4.9 | 5.1 | 5.1 | 5.2 | 5.2 | 0 |
| Black and other..... | 11.7 | 11.6 | 10.8 | 10.6 | 11.7 | 10.8 | -9 |
| Full-time workers..... | 5.5 | 5.2 | 5.4 | 5.4 | 5.5 | 5.4 | -1 |
| | ESTABLISHMENT DATA | | | | | | |
| | Thousands of jobs | | | | | | |
| Nonfarm payroll employment..... | 86,866 | 89,353 | 89,759 | 89,803 | 89,967p | 90,185p | 218p |
| Goods-producing industries..... | 25,731 | 26,630 | 26,638 | 26,593 | 26,559p | 26,604p | 45p |
| Service-producing industries..... | 61,135 | 62,723 | 63,121 | 63,210 | 63,408p | 63,581p | 173p |
| | Hours of work | | | | | | |
| Average weekly hours: | | | | | | | |
| Total private nonfarm..... | 35.8 | 35.5 | 35.6 | 35.7 | 35.6p | 35.6p | 0p |
| Manufacturing..... | 40.5 | 39.8 | 40.2 | 40.2 | 40.2p | 40.0p | -0.2p |
| Manufacturing overtime..... | 3.5 | 3.2 | 3.2 | 3.2 | 3.2p | 3.2p | 0p |

p=preliminary

N.A.=not available

Industry Payroll Employment

Nonfarm payroll employment rose to 90.2 million in November, up 220,000 from the revised October level. Payroll employment increased 2.4 million over the past year. (See table B-1.)

Most of the November gain occurred in the service-producing sector. With the exception of government, employment growth took place throughout the sector. The services industry recorded the largest increase, 75,000, while trade and finance each advanced by about 40,000.

Employment in the goods-producing sector grew by 45,000, with nearly all of the increase occurring in construction. Employment in manufacturing was unchanged, as small gains in nondurable goods were offset by declines in durable goods. Within the durable goods industries, transportation equipment accounted for most of the decrease, due primarily to layoffs in automobile and truck production.

Hours

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls was 35.6 in November, unchanged from October. Manufacturing hours fell by 0.2 to 40.0 hours and were 0.6 hour below the first quarter level. Sharp over-the-month declines occurred in both the primary metals and transportation equipment workweeks. Factory overtime remained at 3.2 hours for the third straight month. (See table B-2.)

The index of aggregate weekly hours rose 0.4 percent in November to 126.3 (1967=100), as a result of the over-the-month rise in employment. The index was up 2.1 percent over the year. (See table B-5.)

Hourly and Weekly Earnings

Average hourly earnings of production or nonsupervisory workers on private nonagricultural payrolls rose 0.8 percent in November and were 7.7 percent above November 1978 (seasonally adjusted). Average weekly earnings rose 1.0 percent in November and were up 7.1 percent over the year.

Before adjustment for seasonality, average hourly earnings rose 2 cents in November to \$6.34, 46 cents above November 1978; average weekly earnings were \$225.07 in November, down 55 cents from October but up \$14.57 over the year. (See table B-3.)

The Hourly Earnings Index

The Hourly Earnings Index--earnings adjusted for overtime in manufacturing, seasonality, and the effects of changes in the proportion of workers in high-wage and low-wage industries--was 236.9 (1967=100) in November, 0.8 percent higher than in October. The Index was 8.1 percent above November a year ago. In dollars of constant purchasing power, the Index decreased 4.1 percent during the 12-month period ended in October. (See table B-4.)

Explanatory Note

This release presents and analyzes statistics from two major surveys. Data on labor force, total employment, and unemployment (A tables) are derived from the Current Population Survey—a sample survey of households which is conducted by the Bureau of the Census for the Bureau of Labor Statistics. Beginning in September 1975, the sample was enlarged by 9,000 households in order to provide greater reliability for smaller States and thus permit the publication of annual statistics for all 50 States and the District of Columbia. These supplementary households were added to the 47,000 national household sample in January 1978; thus the sample now consists of about 56,000 households selected to represent the U.S. civilian noninstitutional population 16 years and over.

Statistics on nonagricultural payroll employment, hours, and earnings (B tables) are collected by the Bureau of Labor Statistics, in cooperation with State agencies, from payroll records of a sample of approximately 162,000 establishments. Unless otherwise indicated, data for both statistical series relate to the week containing the 12th day of the specified month.

Comparability of household and payroll employment statistics

Employment data from the household and payroll surveys differ in several basic respects. The household survey provides information on the labor force activity of the entire civilian noninstitutional population, 16 years of age and over, without duplication. Each person is classified as either employed, unemployed, or not in the labor force. The household survey counts employed persons in both agriculture and nonagricultural industries and, in addition to wage and salary workers (including private household workers), counts the self-employed, unpaid family workers, and persons "with a job but not at work" and not paid for the period absent.

The payroll survey relates only to paid wage and salary employees (regardless of age) on the payrolls of nonagricultural establishments. Persons who worked at more than one job during the survey week or otherwise appear on more than one payroll are counted more than once in the establishment survey. Such persons are counted only once in the household survey and are classified in the job at which they worked the greatest number of hours.

Unemployment

To be classified in the household survey as unemployed an individual must: (1) Have been without a

job during the survey week; (2) have made specific efforts to find employment sometime during the prior 4 weeks; and (3) be presently available for work. In addition, persons on layoff and those waiting to begin a new job (within 30 days), neither of whom must meet the jobseeking requirements, are also classified as unemployed. The unemployed total includes all persons who satisfactorily meet the above criteria, regardless of their eligibility for unemployment insurance benefits or any kind of public assistance. The unemployment rate represents the unemployed as a proportion of the civilian labor force (the employed and unemployed combined).

The Bureau regularly publishes a wide variety of labor market measures. See, for example, the demographic, occupational, and industry detail in tables A-2 and A-3 of this release and the comprehensive data package in Employment and Earnings each month. A special grouping of seven unemployment measures is set forth in table A-7. Identified by the symbols U-1 through U-7, these measures represent a range of possible definitions of unemployment and of the labor force—from the most restrictive (U-1) to the most comprehensive (U-7). The official rate of unemployment appears as U-5.

Seasonal adjustment

Nearly all economic phenomena are affected to some degree by seasonal variations. These are recurring, predictable events which are repeated more or less regularly each year—changes in weather, opening and closing of schools, major holidays, industry production schedules, etc. The cumulative effects of these events are often large. For example, on average over the year, they explain about 95 percent of the month-to-month variance in the unemployment figures. Since seasonal variations tend to be large relative to the underlying cyclical trends, it is necessary to use seasonally-adjusted data to interpret short-term economic developments. At the beginning of each year, seasonal adjustment factors for unemployment and other labor force series are calculated for use during the entire year, taking into account the prior year's experience.

All seasonally-adjusted civilian labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. The official unemployment rate for all civilian workers is derived by dividing the estimate for total unem-

ployment (the sum of four seasonally-adjusted age-sex components) by the civilian labor force (the sum of 12 seasonally-adjusted age-sex components).

For establishment data, the seasonally-adjusted series for all employees, production workers, average weekly hours, and average hourly earnings are adjusted by aggregating the seasonally-adjusted data from the respective component series. These data are also revised annually, often in conjunction with benchmark (comprehensive counts of employment) adjustments. (The most recent revision of seasonally-adjusted data was based on data through June 1979.)

Sampling variability

Both the household and establishment survey statistics are subject to sampling error, which should be taken into account in evaluating the levels of a series as well as changes over time. Because the household survey is based upon a probability sample, the results may differ from the figures that would be obtained if it were possible to take a complete census using the same questionnaires and procedures. The standard error is the measure of sampling variability, that is, of the variation that occurs by chance because a sample rather than the entire population is surveyed. The chances are about 68 out of 100 that an estimate from the survey differs from a figure that would be obtained through a complete census by less than the standard error. Tables A through I in the "Explanatory Notes" of Employment and Earnings provide approximations of the standard errors for unemployment and other labor force categories. To obtain a 90-percent level of confidence, the confidence interval generally used by BLS, the errors should be multiplied by 1.6. The following examples provide an indication of the magnitude of sampling error: For a monthly change in total em-

ployment, the standard error is on the order of plus or minus 182,000. Similarly, the standard error on a change in total unemployment is approximately 115,000. The standard error on a change in the national unemployment rate is 0.12 percentage point.

Although the relatively large size of the monthly establishment survey assures a high degree of accuracy, the estimates derived from it also may differ from the figures obtained if a complete census using the same schedules and procedures were possible. However, since the estimating procedures utilize the previous month's level as the base in computing the current month's level of employment (link-relative technique), sampling and response errors may accumulate over several months. To remove this accumulated error, the employment estimates are adjusted to new benchmarks (comprehensive counts of employment), usually on an annual basis. In addition to taking account of sampling and response errors, the benchmark revision adjusts the estimates for changes in the industrial classification of individual establishments. Employment estimates are currently projected from March 1978 levels.

One measure of the reliability of the employment estimates for individual industries is the root-mean-square error (RMSE). The RMSE is the standard deviation adjusted for the bias in estimates. If the bias is small, the chances are about 68 out of 100 that an estimate from the sample would differ from its benchmark by less than the RMSE. For total nonagricultural employment, the RMSE is on the order of plus or minus 83,000. Measures of reliability (approximations of the RMSE) for establishment-survey data and actual amounts of revision due to benchmark adjustments are provided in tables K through P in the "Explanatory Notes" of Employment and Earnings.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-1. Employment status of the noninstitutional population

[Numbers in thousands]

| Employment status | Not seasonally adjusted | | | Seasonally adjusted | | | | | |
|---|-------------------------|--------------|--------------|---------------------|--------------|--------------|---------------|--------------|--------------|
| | Nov. 1978 | Oct. 1979 | Nov. 1979 | Nov. 1978 | July 1979 | Aug. 1979 | Sept. 1979 | Oct. 1979 | Nov. 1979 |
| TOTAL | | | | | | | | | |
| Total noninstitutional population ¹ | 162,033 | 164,468 | 164,682 | 162,033 | 163,685 | 163,891 | 164,106 | 164,468 | 164,682 |
| Armed Forces ¹ | 2,117 | 2,093 | 2,092 | 2,117 | 2,062 | 2,090 | 2,092 | 2,093 | 2,092 |
| Civilian noninstitutional population ¹ | 159,916 | 162,375 | 162,589 | 159,916 | 161,604 | 161,801 | 162,013 | 162,375 | 162,589 |
| Civilian labor force | 101,659 | 103,939 | 103,719 | 101,628 | 103,059 | 103,049 | 103,498 | 103,474 | 103,685 |
| Participation rate | 63.6 | 64.0 | 63.8 | 63.6 | 63.8 | 63.7 | 63.9 | 63.7 | 63.8 |
| Employed | 96,029 | 98,158 | 97,943 | 95,751 | 97,210 | 96,900 | 97,513 | 97,293 | 97,646 |
| Employment-population ratio ² | 59.3 | 59.7 | 59.5 | 59.1 | 59.4 | 59.1 | 59.4 | 59.2 | 59.3 |
| Agriculture | 3,100 | 3,467 | 3,257 | 3,275 | 3,262 | 3,322 | 3,400 | 3,288 | 3,426 |
| Nonagricultural industries | 92,929 | 94,691 | 94,686 | 92,476 | 93,949 | 93,578 | 94,113 | 94,005 | 94,221 |
| Unemployed | 5,629 | 5,781 | 5,776 | 5,877 | 5,848 | 6,149 | 5,985 | 6,182 | 6,039 |
| Unemployment rate | 5.5 | 5.6 | 5.6 | 5.8 | 5.7 | 6.0 | 5.8 | 6.0 | 5.8 |
| Not in labor force | 58,258 | 58,436 | 58,870 | 58,288 | 58,545 | 58,752 | 58,515 | 58,901 | 58,904 |
| Men, 20 years and over | | | | | | | | | |
| Total noninstitutional population ¹ | 69,182 | 70,380 | 70,487 | 69,182 | 69,995 | 70,099 | 70,205 | 70,380 | 70,487 |
| Civilian noninstitutional population ¹ | 67,486 | 68,697 | 68,804 | 67,486 | 68,319 | 68,417 | 68,522 | 68,697 | 68,804 |
| Civilian labor force | 53,924 | 54,878 | 54,662 | 53,938 | 54,567 | 54,527 | 54,653 | 54,696 | 54,683 |
| Participation rate | 79.9 | 79.9 | 79.4 | 79.9 | 79.9 | 79.7 | 79.8 | 79.6 | 79.5 |
| Employed | 51,955 | 52,816 | 52,485 | 51,825 | 52,319 | 52,227 | 52,382 | 52,366 | 52,347 |
| Employment-population ratio ² | 75.1 | 75.0 | 74.5 | 74.9 | 74.7 | 74.5 | 74.6 | 74.4 | 74.3 |
| Agriculture | 2,277 | 2,472 | 2,403 | 2,337 | 2,323 | 2,385 | 2,395 | 2,372 | 2,465 |
| Nonagricultural industries | 49,678 | 50,344 | 50,082 | 49,488 | 49,996 | 49,843 | 49,987 | 49,994 | 49,882 |
| Unemployed | 1,969 | 2,062 | 2,177 | 2,113 | 2,249 | 2,300 | 2,271 | 2,330 | 2,336 |
| Unemployment rate | 3.7 | 3.8 | 4.0 | 3.9 | 4.1 | 4.2 | 4.2 | 4.3 | 4.3 |
| Not in labor force | 13,563 | 13,819 | 14,142 | 13,548 | 13,752 | 13,890 | 13,869 | 14,001 | 14,121 |
| Women, 20 years and over | | | | | | | | | |
| Total noninstitutional population ¹ | 76,110 | 77,429 | 77,547 | 76,110 | 77,014 | 77,127 | 77,245 | 77,429 | 77,547 |
| Civilian noninstitutional population ¹ | 76,001 | 77,308 | 77,426 | 76,001 | 76,897 | 77,006 | 77,124 | 77,308 | 77,426 |
| Civilian labor force | 38,543 | 39,958 | 39,963 | 38,095 | 39,010 | 39,292 | 39,331 | 39,317 | 39,516 |
| Participation rate | 50.7 | 51.7 | 51.6 | 50.1 | 50.7 | 51.0 | 51.0 | 50.9 | 51.0 |
| Employed | 36,362 | 37,684 | 37,799 | 35,887 | 36,861 | 36,968 | 37,178 | 37,039 | 37,325 |
| Employment-population ratio ² | 47.8 | 48.7 | 48.7 | 47.2 | 47.9 | 47.9 | 48.1 | 47.8 | 48.1 |
| Agriculture | 534 | 654 | 591 | 571 | 584 | 596 | 640 | 556 | 632 |
| Nonagricultural industries | 35,827 | 37,030 | 37,207 | 35,316 | 36,276 | 36,371 | 36,538 | 36,483 | 36,693 |
| Unemployed | 2,181 | 2,274 | 2,164 | 2,208 | 2,150 | 2,324 | 2,153 | 2,279 | 2,190 |
| Unemployment rate | 5.7 | 5.7 | 5.4 | 5.8 | 5.5 | 5.9 | 5.5 | 5.8 | 5.5 |
| Not in labor force | 37,458 | 37,350 | 37,463 | 37,906 | 37,887 | 37,714 | 37,793 | 37,991 | 37,910 |
| Both sexes, 16-19 years | | | | | | | | | |
| Total noninstitutional population ¹ | 16,741 | 16,659 | 16,648 | 16,741 | 16,677 | 16,665 | 16,655 | 16,659 | 16,648 |
| Civilian noninstitutional population ¹ | 16,429 | 16,370 | 16,360 | 16,429 | 16,387 | 16,377 | 16,367 | 16,370 | 16,360 |
| Civilian labor force | 9,192 | 9,103 | 9,095 | 9,595 | 9,481 | 9,230 | 9,514 | 9,461 | 9,487 |
| Participation rate | 55.9 | 55.6 | 55.6 | 58.4 | 57.9 | 56.4 | 58.1 | 57.8 | 58.0 |
| Employed | 7,712 | 7,658 | 7,660 | 8,039 | 8,031 | 7,705 | 7,953 | 7,888 | 7,974 |
| Employment-population ratio ² | 46.1 | 46.0 | 46.0 | 48.0 | 48.2 | 46.2 | 47.7 | 47.3 | 47.9 |
| Agriculture | 289 | 341 | 262 | 367 | 355 | 341 | 365 | 360 | 329 |
| Nonagricultural industries | 7,424 | 7,316 | 7,397 | 7,672 | 7,676 | 7,364 | 7,588 | 7,528 | 7,645 |
| Unemployed | 1,479 | 1,445 | 1,435 | 1,556 | 1,450 | 1,525 | 1,561 | 1,573 | 1,513 |
| Unemployment rate | 16.1 | 15.9 | 15.8 | 16.2 | 15.3 | 16.5 | 16.4 | 16.6 | 15.9 |
| Not in labor force | 7,237 | 7,267 | 7,265 | 6,834 | 6,906 | 7,147 | 6,853 | 6,909 | 6,873 |
| White | | | | | | | | | |
| Total noninstitutional population ¹ | 142,031 | 143,937 | 144,101 | 142,031 | 143,303 | 143,461 | 143,621 | 143,937 | 144,101 |
| Civilian noninstitutional population ¹ | 140,332 | 142,296 | 142,461 | 140,332 | 141,661 | 141,822 | 141,981 | 142,296 | 142,461 |
| Civilian labor force | 89,521 | 91,435 | 91,351 | 89,468 | 90,554 | 90,662 | 91,081 | 90,997 | 91,280 |
| Participation rate | 63.8 | 64.3 | 64.1 | 63.8 | 63.9 | 63.9 | 64.2 | 63.9 | 64.1 |
| Employed | 85,261 | 87,020 | 86,862 | 85,013 | 86,093 | 85,829 | 86,395 | 86,243 | 86,579 |
| Employment-population ratio ² | 60.0 | 60.5 | 60.3 | 59.9 | 60.1 | 59.8 | 60.2 | 59.9 | 60.1 |
| Unemployed | 4,260 | 4,415 | 4,490 | 4,455 | 4,460 | 4,832 | 4,687 | 4,755 | 4,702 |
| Unemployment rate | 4.8 | 4.8 | 4.9 | 5.0 | 4.9 | 5.3 | 5.1 | 5.2 | 5.2 |
| Not in labor force | 50,811 | 50,861 | 51,110 | 50,864 | 51,107 | 51,161 | 50,900 | 51,299 | 51,181 |
| Black and other | | | | | | | | | |
| Total noninstitutional population ¹ | 20,002 | 20,531 | 20,580 | 20,002 | 20,382 | 20,431 | 20,484 | 20,531 | 20,580 |
| Civilian noninstitutional population ¹ | 19,585 | 20,079 | 20,128 | 19,585 | 19,943 | 19,979 | 20,032 | 20,079 | 20,128 |
| Civilian labor force | 12,137 | 12,504 | 12,368 | 12,163 | 12,364 | 12,340 | 12,408 | 12,546 | 12,392 |
| Participation rate | 62.0 | 62.3 | 61.4 | 62.0 | 62.0 | 61.8 | 61.9 | 62.6 | 61.6 |
| Employed | 10,768 | 11,137 | 11,081 | 10,746 | 11,025 | 10,987 | 11,095 | 11,083 | 11,057 |
| Employment-population ratio ² | 53.8 | 53.2 | 53.8 | 53.7 | 54.1 | 53.8 | 54.2 | 54.0 | 53.7 |
| Unemployed | 1,369 | 1,366 | 1,287 | 1,417 | 1,338 | 1,353 | 1,313 | 1,463 | 1,335 |
| Unemployment rate | 11.3 | 10.9 | 10.4 | 11.7 | 10.8 | 11.0 | 10.6 | 11.7 | 10.8 |
| Not in labor force | 7,447 | 7,575 | 7,760 | 7,422 | 7,579 | 7,639 | 7,624 | 7,533 | 7,736 |

¹ The population and Armed Forces figures are not adjusted for seasonal variations; therefore, identical numbers appear in the unadjusted and seasonally adjusted columns.

² Civilian employment as a percent of the total noninstitutional population (including Armed Forces).

Table A-2. Major unemployment indicators, seasonally adjusted

| Selected categories | Number of unemployed persons (In thousands) | | Unemployment rates | | | | | |
|--|--|-------|--------------------|------|------|-------|------|------|
| | Nov. | Nov. | Nov. | July | Aug. | Sept. | Oct. | Nov. |
| | 1978 | 1979 | 1978 | 1979 | 1979 | 1979 | 1979 | 1979 |
| CHARACTERISTICS | | | | | | | | |
| Total, 16 years and over | 5,877 | 6,039 | 5.8 | 5.7 | 6.0 | 5.8 | 6.0 | 5.8 |
| Men, 20 years and over | 2,113 | 2,336 | 3.9 | 4.1 | 4.2 | 4.2 | 4.3 | 4.3 |
| Women, 20 years and over | 2,208 | 2,190 | 5.8 | 5.5 | 5.9 | 5.5 | 5.8 | 5.5 |
| Both sexes, 16-19 years | 1,556 | 1,513 | 16.2 | 15.3 | 16.5 | 16.4 | 16.6 | 15.9 |
| White, total | 4,455 | 4,702 | 5.0 | 4.9 | 5.3 | 5.1 | 5.2 | 5.2 |
| Men, 20 years and over | 1,626 | 1,842 | 3.4 | 3.6 | 3.8 | 3.7 | 3.7 | 3.8 |
| Women, 20 years and over | 1,648 | 1,664 | 5.0 | 4.7 | 5.2 | 4.8 | 5.1 | 4.9 |
| Both sexes, 16-19 years | 1,181 | 1,196 | 13.8 | 13.3 | 14.9 | 14.6 | 14.4 | 14.0 |
| Black and other, total | 1,417 | 1,335 | 11.7 | 10.8 | 11.0 | 10.6 | 11.7 | 10.8 |
| Men, 20 years and over | 484 | 493 | 8.3 | 8.3 | 8.3 | 7.9 | 9.0 | 8.3 |
| Women, 20 years and over | 543 | 510 | 10.3 | 9.8 | 10.3 | 9.6 | 10.1 | 9.3 |
| Both sexes, 16-19 years | 390 | 332 | 36.5 | 30.9 | 30.7 | 31.5 | 35.7 | 33.1 |
| Married men, spouse present | 961 | 1,172 | 2.4 | 2.9 | 3.0 | 2.8 | 2.9 | 2.9 |
| Married women, spouse present | 1,299 | 1,162 | 5.5 | 4.8 | 5.4 | 4.7 | 5.3 | 4.8 |
| Women who head families | 377 | 424 | 7.7 | 8.1 | 7.9 | 7.6 | 8.4 | 8.3 |
| Full-time workers | 4,491 | 4,769 | 5.2 | 5.3 | 5.4 | 5.4 | 5.5 | 5.4 |
| Part-time workers | 1,350 | 1,243 | 8.9 | 8.2 | 8.8 | 8.3 | 9.0 | 8.2 |
| Unemployed 15 weeks and over ¹ | 1,196 | 1,190 | 1.2 | 1.0 | 1.2 | 1.1 | 1.2 | 1.1 |
| Labor force time lost ² | -- | -- | 6.2 | 6.4 | 6.5 | 6.2 | 6.4 | 6.4 |
| OCCUPATION³ | | | | | | | | |
| White-collar workers | 1,608 | 1,611 | 3.2 | 3.2 | 3.6 | 3.3 | 3.5 | 3.1 |
| Professional and technical | 358 | 365 | 2.4 | 2.5 | 2.6 | 2.5 | 2.8 | 2.4 |
| Managers and administrators, except farm | 222 | 201 | 2.2 | 1.9 | 2.3 | 2.2 | 2.3 | 1.9 |
| Sales workers | 201 | 231 | 3.1 | 3.5 | 4.2 | 3.9 | 3.8 | 3.5 |
| Clerical workers | 827 | 813 | 4.5 | 4.4 | 5.0 | 4.5 | 4.7 | 4.3 |
| Blue-collar workers | 2,219 | 2,607 | 6.4 | 6.8 | 7.6 | 7.1 | 7.3 | 7.5 |
| Craft and kindred workers | 527 | 671 | 4.0 | 4.2 | 4.9 | 4.1 | 4.8 | 4.9 |
| Operatives, except transport | 907 | 1,083 | 7.5 | 8.3 | 9.3 | 9.2 | 9.2 | 8.9 |
| Transport equipment operatives | 161 | 186 | 4.2 | 5.2 | 6.8 | 6.2 | 5.6 | 4.9 |
| Nonfarm laborers | 624 | 666 | 11.6 | 10.9 | 11.5 | 10.8 | 10.6 | 12.7 |
| Service workers | 1,035 | 912 | 7.4 | 7.2 | 7.0 | 6.7 | 7.0 | 6.6 |
| Farm workers | 92 | 127 | 3.2 | 4.5 | 3.8 | 4.2 | 4.3 | 4.4 |
| INDUSTRY³ | | | | | | | | |
| Nonagricultural private wage and salary workers ⁴ | 4,188 | 4,460 | 5.6 | 5.7 | 6.1 | 5.8 | 6.0 | 5.9 |
| Construction | 530 | 560 | 10.8 | 9.5 | 9.5 | 8.8 | 10.1 | 10.5 |
| Manufacturing | 1,154 | 1,355 | 5.1 | 5.8 | 6.2 | 6.1 | 6.2 | 5.9 |
| Durable goods | 621 | 788 | 4.6 | 5.5 | 5.7 | 5.3 | 5.6 | 5.7 |
| Nondurable goods | 533 | 567 | 5.8 | 6.2 | 6.9 | 7.3 | 7.0 | 6.1 |
| Transportation and public utilities | 178 | 237 | 3.3 | 3.9 | 3.8 | 4.1 | 3.8 | 4.3 |
| Wholesale and retail trade | 1,198 | 1,228 | 6.5 | 6.2 | 6.6 | 6.4 | 6.5 | 6.5 |
| Finance and service industries | 1,096 | 1,032 | 5.0 | 4.9 | 5.4 | 4.7 | 4.9 | 4.6 |
| Government workers | 616 | 578 | 3.9 | 3.5 | 3.8 | 3.3 | 4.1 | 3.6 |
| Agricultural wage and salary workers | 122 | 171 | 7.9 | 10.4 | 9.9 | 10.3 | 9.8 | 10.2 |

¹ Unemployment rate calculated as a percent of civilian labor force.
² Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.
³ Unemployment by occupation includes all experienced unemployed persons, whereas that by

by industry covers only unemployed wage and salary workers.
⁴ Includes mining, not shown separately.

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Table A-3. Selected employment indicators

[In thousands]

| Selected categories | Not seasonally adjusted | | Seasonally adjusted | | | | | |
|---|-------------------------|--------|---------------------|--------|--------|--------|--------|--------|
| | Nov. | Nov. | Nov. | July | Aug. | Sept. | Oct. | Nov. |
| | 1978 | 1979 | 1978 | 1979 | 1979 | 1979 | 1979 | 1979 |
| CHARACTERISTICS | | | | | | | | |
| Total employed, 16 years and over | 96,029 | 97,943 | 95,751 | 97,210 | 96,900 | 97,513 | 97,293 | 97,646 |
| Men | 55,976 | 56,433 | 56,096 | 56,595 | 56,316 | 56,653 | 56,539 | 56,545 |
| Women | 40,054 | 41,510 | 39,655 | 40,615 | 40,585 | 40,860 | 40,754 | 41,101 |
| Married men, spouse present | 39,136 | 39,003 | 38,944 | 39,163 | 39,146 | 39,175 | 39,135 | 38,809 |
| Married women, spouse present | 22,845 | 23,533 | 22,274 | 22,890 | 22,777 | 22,965 | 22,922 | 22,937 |
| OCCUPATION | | | | | | | | |
| White-collar workers | 48,355 | 50,352 | 47,888 | 49,573 | 49,615 | 49,779 | 49,648 | 49,869 |
| Professional and technical | 14,642 | 15,300 | 14,297 | 15,063 | 14,983 | 15,078 | 14,929 | 14,941 |
| Managers and administrators, except farm | 10,148 | 10,656 | 10,030 | 10,675 | 10,772 | 10,640 | 10,648 | 10,530 |
| Sales workers | 6,174 | 6,432 | 6,192 | 6,161 | 6,085 | 6,114 | 6,247 | 6,451 |
| Clerical workers | 17,392 | 17,965 | 17,369 | 17,673 | 17,774 | 17,947 | 17,825 | 17,947 |
| Blue-collar workers | 32,110 | 32,084 | 32,202 | 31,949 | 31,767 | 32,287 | 32,191 | 32,169 |
| Craft and kindred workers | 12,650 | 12,912 | 12,646 | 12,832 | 12,755 | 13,057 | 12,974 | 12,912 |
| Operatives, except transport | 11,206 | 11,081 | 11,177 | 10,853 | 10,880 | 10,987 | 10,989 | 11,048 |
| Transport equipment operatives | 3,669 | 3,677 | 3,640 | 3,610 | 3,571 | 3,622 | 3,561 | 3,648 |
| Nonfarm laborers | 4,585 | 4,415 | 4,739 | 4,652 | 4,561 | 4,621 | 4,667 | 4,561 |
| Service workers | 12,978 | 12,900 | 13,009 | 12,697 | 12,591 | 12,796 | 12,977 | 12,935 |
| Farm workers | 2,586 | 2,606 | 2,739 | 2,657 | 2,703 | 2,736 | 2,702 | 2,760 |
| MAJOR INDUSTRY AND CLASS OF WORKER | | | | | | | | |
| Agriculture: | | | | | | | | |
| Wage and salary workers | 1,298 | 1,370 | 1,424 | 1,403 | 1,363 | 1,391 | 1,373 | 1,504 |
| Self-employed workers | 1,561 | 1,629 | 1,563 | 1,552 | 1,632 | 1,678 | 1,617 | 1,631 |
| Unpaid family workers | 241 | 257 | 293 | 294 | 310 | 327 | 312 | 313 |
| Nonagricultural industries: | | | | | | | | |
| Wage and salary workers | 86,168 | 87,582 | 85,578 | 86,277 | 86,227 | 86,891 | 87,032 | 86,983 |
| Government | 15,604 | 15,624 | 15,373 | 15,382 | 15,260 | 15,450 | 15,549 | 15,393 |
| Private industries | 70,564 | 71,958 | 70,205 | 70,895 | 70,967 | 71,441 | 71,483 | 71,590 |
| Private households | 1,361 | 1,235 | 1,335 | 1,217 | 1,205 | 1,332 | 1,270 | 1,212 |
| Other industries | 69,203 | 70,723 | 68,870 | 69,678 | 69,761 | 70,109 | 70,213 | 70,378 |
| Self-employed workers | 6,341 | 6,726 | 6,370 | 6,753 | 6,649 | 6,682 | 6,814 | 6,760 |
| Unpaid family workers | 419 | 377 | 455 | 529 | 443 | 453 | 421 | 409 |
| PERSONS AT WORK¹ | | | | | | | | |
| Nonagricultural industries | 89,170 | 90,948 | 86,653 | 89,074 | 89,154 | 88,824 | 88,487 | 88,372 |
| Full-time schedules | 72,797 | 74,241 | 71,394 | 73,138 | 73,222 | 73,252 | 73,164 | 72,785 |
| Part time for economic reasons | 2,977 | 3,195 | 3,131 | 3,340 | 3,355 | 3,111 | 3,230 | 3,358 |
| Usually work full time | 1,241 | 1,378 | 1,279 | 1,394 | 1,478 | 1,255 | 1,293 | 1,419 |
| Usually work part time | 1,736 | 1,817 | 1,852 | 1,946 | 1,877 | 1,856 | 1,937 | 1,939 |
| Part time for noneconomic reasons | 13,396 | 13,512 | 12,128 | 12,597 | 12,577 | 12,461 | 12,093 | 12,228 |

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

Table A-4. Duration of unemployment

[Numbers in thousands]

| Weeks of unemployment | Not seasonally adjusted | | Seasonally adjusted | | | | | |
|-----------------------------------|-------------------------|-------|---------------------|-------|-------|-------|-------|-------|
| | Nov. | Nov. | Nov. | July | Aug. | Sept. | Oct. | Nov. |
| | 1978 | 1979 | 1978 | 1979 | 1979 | 1979 | 1979 | 1979 |
| DURATION | | | | | | | | |
| Less than 5 weeks | 2,757 | 2,890 | 2,833 | 2,784 | 3,226 | 2,743 | 2,963 | 2,970 |
| 5 to 14 weeks | 1,800 | 1,820 | 1,774 | 1,970 | 1,743 | 2,050 | 1,965 | 1,795 |
| 15 weeks and over | 1,072 | 1,067 | 1,196 | 1,052 | 1,191 | 1,133 | 1,223 | 1,190 |
| 15 to 26 weeks | 601 | 583 | 685 | 600 | 662 | 627 | 703 | 665 |
| 27 weeks and over | 472 | 484 | 511 | 451 | 529 | 507 | 520 | 524 |
| Average (mean) duration, in weeks | 10.9 | 10.4 | 11.0 | 10.0 | 10.5 | 10.6 | 10.5 | 10.5 |
| Median duration, in weeks | 5.2 | 5.0 | 5.4 | 6.1 | 4.9 | 5.9 | 5.6 | 5.2 |
| PERCENT DISTRIBUTION | | | | | | | | |
| Total unemployed | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Less than 5 weeks | 49.0 | 50.0 | 48.8 | 48.0 | 52.4 | 46.3 | 48.2 | 49.9 |
| 5 to 14 weeks | 32.0 | 31.5 | 30.6 | 33.9 | 28.3 | 34.6 | 31.9 | 30.1 |
| 15 weeks and over | 19.0 | 18.5 | 20.6 | 18.1 | 19.3 | 19.1 | 19.9 | 20.0 |
| 15 to 26 weeks | 10.7 | 10.1 | 11.8 | 10.3 | 10.7 | 10.6 | 11.4 | 11.2 |
| 27 weeks and over | 8.4 | 8.4 | 8.8 | 7.8 | 8.6 | 8.5 | 8.4 | 8.8 |

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Table A-5. Reasons for unemployment

(Numbers in thousands)

| Reasons | Not seasonally adjusted | | Seasonally adjusted | | | | | |
|--|-------------------------|-------|---------------------|-------|-------|-------|-------|-------|
| | Nov. | Nov. | Nov. | July | Aug. | Sept. | Oct. | Nov. |
| | 1978 | 1979 | 1978 | 1979 | 1979 | 1979 | 1979 | 1979 |
| NUMBER OF UNEMPLOYED | | | | | | | | |
| Lost last job | 2,236 | 2,589 | 2,372 | 2,532 | 2,724 | 2,608 | 2,771 | 2,745 |
| On layoff | 633 | 855 | 746 | 793 | 960 | 836 | 916 | 1,008 |
| Other job losers | 1,603 | 1,734 | 1,626 | 1,739 | 1,765 | 1,771 | 1,855 | 1,737 |
| Left last job | 822 | 840 | 825 | 838 | 894 | 818 | 825 | 843 |
| Reentered labor force | 1,770 | 1,680 | 1,754 | 1,737 | 1,798 | 1,785 | 1,788 | 1,665 |
| Seeking first job | 802 | 667 | 872 | 694 | 720 | 803 | 793 | 737 |
| PERCENT DISTRIBUTION | | | | | | | | |
| Total unemployed | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| Job losers | 39.8 | 44.8 | 40.7 | 43.7 | 44.4 | 43.4 | 44.9 | 45.8 |
| On layoff | 11.3 | 14.8 | 12.8 | 13.7 | 15.6 | 13.9 | 14.8 | 16.8 |
| Other job losers | 28.5 | 30.0 | 27.9 | 30.0 | 28.8 | 29.5 | 30.0 | 29.0 |
| Job leavers | 14.6 | 14.5 | 14.2 | 14.4 | 14.6 | 13.6 | 13.4 | 14.1 |
| Reentrants | 31.4 | 29.1 | 30.1 | 29.9 | 29.3 | 29.7 | 29.0 | 27.8 |
| New entrants | 14.2 | 11.6 | 15.0 | 12.0 | 11.7 | 13.4 | 12.8 | 12.3 |
| UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE | | | | | | | | |
| Job losers | 2.2 | 2.5 | 2.3 | 2.5 | 2.6 | 2.5 | 2.7 | 2.6 |
| Job leavers | .8 | .8 | .8 | .8 | .9 | .8 | .8 | .8 |
| Reentrants | 1.7 | 1.6 | 1.7 | 1.7 | 1.7 | 1.7 | 1.7 | 1.6 |
| New entrants | .8 | .6 | .9 | .7 | .7 | .8 | .8 | .7 |

Table A-6. Unemployment by sex and age, seasonally adjusted

| Sex and age | Number of unemployed persons (In thousands) | | Unemployment rates | | | | | |
|---------------------------------------|---|-------|--------------------|------|------|-------|------|------|
| | Nov. | Nov. | Nov. | July | Aug. | Sept. | Oct. | Nov. |
| | 1978 | 1979 | 1978 | 1979 | 1979 | 1979 | 1979 | 1979 |
| Total, 16 years and over | 5,877 | 6,039 | 5.8 | 5.7 | 6.0 | 5.8 | 6.0 | 5.8 |
| 16 to 19 years | 1,556 | 1,513 | 16.2 | 15.3 | 16.5 | 16.4 | 16.6 | 15.9 |
| 16 to 17 years | 781 | 695 | 19.3 | 17.1 | 18.1 | 16.8 | 18.5 | 17.4 |
| 18 to 19 years | 778 | 819 | 14.0 | 14.4 | 15.5 | 16.0 | 15.3 | 14.8 |
| 20 to 24 years | 1,361 | 1,341 | 9.0 | 9.0 | 9.3 | 9.2 | 9.5 | 8.8 |
| 25 years and over | 2,951 | 3,177 | 3.8 | 3.9 | 4.1 | 3.8 | 4.0 | 4.0 |
| 25 to 54 years | 2,514 | 2,762 | 4.0 | 4.0 | 4.3 | 4.1 | 4.3 | 4.3 |
| 55 years and over | 428 | 412 | 2.9 | 3.2 | 3.2 | 2.9 | 2.9 | 2.8 |
| Men, 16 years and over | 2,923 | 3,130 | 5.0 | 5.0 | 5.2 | 5.2 | 5.2 | 5.2 |
| 16 to 19 years | 810 | 794 | 15.9 | 14.9 | 16.0 | 16.2 | 15.7 | 15.9 |
| 16 to 17 years | 436 | 391 | 20.1 | 15.2 | 17.3 | 16.6 | 17.1 | 18.3 |
| 18 to 19 years | 371 | 399 | 12.7 | 14.9 | 15.3 | 15.6 | 14.6 | 13.9 |
| 20 to 24 years | 699 | 689 | 8.5 | 8.8 | 8.9 | 8.8 | 9.5 | 8.4 |
| 25 years and over | 1,413 | 1,647 | 3.1 | 3.3 | 3.5 | 3.4 | 3.4 | 3.5 |
| 25 to 54 years | 1,188 | 1,420 | 3.2 | 3.3 | 3.6 | 3.5 | 3.6 | 3.8 |
| 55 years and over | 230 | 235 | 2.5 | 3.4 | 3.2 | 2.9 | 2.7 | 2.6 |
| Women, 16 years and over | 2,954 | 2,909 | 6.9 | 6.6 | 7.0 | 6.6 | 7.0 | 6.6 |
| 16 to 19 years | 746 | 719 | 16.5 | 15.8 | 17.1 | 16.7 | 17.6 | 16.0 |
| 16 to 17 years | 345 | 304 | 18.3 | 19.2 | 18.9 | 17.0 | 20.0 | 16.3 |
| 18 to 19 years | 407 | 420 | 15.5 | 13.8 | 15.8 | 16.5 | 16.0 | 15.9 |
| 20 to 24 years | 662 | 652 | 9.6 | 9.3 | 9.9 | 9.7 | 9.6 | 9.3 |
| 25 years and over | 1,538 | 1,530 | 4.9 | 4.7 | 5.0 | 4.6 | 4.9 | 4.7 |
| 25 to 54 years | 1,326 | 1,341 | 5.2 | 5.0 | 5.4 | 4.9 | 5.3 | 5.0 |
| 55 years and over | 198 | 177 | 3.5 | 2.9 | 3.3 | 3.0 | 3.4 | 3.1 |

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Table A-7. Range of unemployment measures based on varying definitions of unemployment and the labor force, seasonally adjusted

[Percent]

| Measures | Quarterly averages | | | | | Monthly data | | |
|--|--------------------|-----|------|-----|-----|-------------------|------|------|
| | 1978 | | 1979 | | | 1979 ^a | | |
| | III | IV | I | II | III | Sept. | Oct. | Nov. |
| U-1—Persons unemployed 15 weeks or longer as a percent of the civilian labor force | 1.3 | 1.2 | 1.2 | 1.2 | 1.1 | 1.1 | 1.2 | 1.1 |
| U-2—Job losers as a percent of the civilian labor force | 2.4 | 2.4 | 2.4 | 2.4 | 2.5 | 2.5 | 2.7 | 2.6 |
| U-3—Unemployed persons 25 years and over as a percent of the civilian labor force 25 years and over | 4.1 | 3.9 | 3.9 | 3.9 | 3.9 | 3.8 | 4.0 | 4.0 |
| U-4—Unemployed full-time jobseekers as a percent of the full-time labor force | 5.5 | 5.2 | 5.2 | 5.2 | 5.4 | 5.4 | 5.5 | 5.4 |
| U-5—Total unemployed as a percent of the civilian labor force (official measure) | 6.0 | 5.8 | 5.7 | 5.7 | 5.8 | 5.8 | 6.0 | 5.8 |
| U-6—Total full-time jobseekers plus ½ part-time jobseekers plus ¼ total on part time for economic reasons as a percent of the civilian labor force less ½ of the part-time labor force | 7.5 | 7.2 | 7.2 | 7.3 | 7.3 | 7.2 | 7.4 | 7.4 |
| U-7—Total full-time jobseekers plus ½ part-time jobseekers plus ¼ total on part time for economic reasons plus discouraged workers as a percent of the civilian labor force plus discouraged workers less ½ of the part-time labor force | 8.4 | 8.0 | 7.9 | 8.1 | 8.0 | N.A. | N.A. | N.A. |

N.A. = not available.

Table A-8. Employment status of the noninstitutional population by race and Hispanic origin, not seasonally adjusted

[Number in thousands]

| Employment status | Total | | White | | Black ¹ | | Hispanic origin ² | |
|--|-----------|-----------|-----------|-----------|--------------------|-----------|------------------------------|-----------|
| | Nov. 1978 | Nov. 1979 | Nov. 1978 | Nov. 1979 | Nov. 1978 | Nov. 1979 | Nov. 1978 | Nov. 1979 |
| TOTAL | | | | | | | | |
| Civilian noninstitutional population | 159,916 | 162,589 | 140,332 | 142,461 | 16,795 | 17,183 | 7,451 | 7,834 |
| Civilian labor force | 101,659 | 103,719 | 89,521 | 91,351 | 10,338 | 10,476 | 4,796 | 4,979 |
| Percent of population | 63.6 | 63.8 | 63.8 | 64.1 | 61.6 | 61.0 | 64.4 | 63.6 |
| Employment | 96,029 | 97,943 | 85,261 | 86,862 | 9,091 | 9,306 | 4,413 | 4,537 |
| Agriculture | 3,100 | 3,257 | 2,814 | 2,985 | 238 | 229 | 183 | 223 |
| Nonagricultural industries | 92,929 | 94,686 | 82,447 | 83,877 | 8,853 | 9,077 | 4,230 | 4,314 |
| Unemployment | 5,629 | 5,776 | 4,260 | 4,490 | 1,247 | 1,170 | 383 | 442 |
| Unemployment rate | 5.5 | 5.6 | 4.8 | 4.9 | 12.1 | 11.2 | 8.0 | 8.9 |
| Not in labor force | 58,258 | 58,870 | 50,811 | 51,110 | 6,457 | 6,707 | 2,655 | 2,855 |

¹ Data relate to black workers only. According to the 1970 Census, they comprised about 89 percent of the "black and other" population group.

² Data on persons of Hispanic origin are tabulated separately, without regard to race, which means that they are also included in the data for white and black workers. At the time of the 1970 Census, approximately 96 percent of their population was white.

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Table A-9. Employment status of male Vietnam-era veterans and nonveterans by age, not seasonally adjusted

(Numbers in thousands)

| Veteran status and age | Civilian noninstitutional population | | Civilian labor force | | | | | | | |
|--------------------------------|--------------------------------------|-----------|----------------------|-----------|-----------|-----------|------------|-----------|------------------------|-----------|
| | | | Total | | Employed | | Unemployed | | | |
| | | | | | | | Number | | Percent of labor force | |
| | Nov. 1978 | Nov. 1979 | Nov. 1978 | Nov. 1979 | Nov. 1978 | Nov. 1979 | Nov. 1978 | Nov. 1979 | Nov. 1978 | Nov. 1979 |
| VETERANS¹ | | | | | | | | | | |
| Total, 20 years and over | 8,424 | 8,553 | 7,984 | 8,106 | 7,655 | 7,792 | 329 | 314 | 4.1 | 3.9 |
| 20 to 24 years | 664 | 477 | 593 | 438 | 529 | 384 | 64 | 54 | 10.8 | 12.3 |
| 25 to 39 years | 6,998 | 7,184 | 6,738 | 6,903 | 6,495 | 6,664 | 243 | 239 | 3.6 | 3.5 |
| 25 to 29 years | 2,175 | 1,867 | 2,079 | 1,739 | 1,956 | 1,649 | 123 | 90 | 5.9 | 5.2 |
| 30 to 34 years | 3,524 | 3,630 | 3,401 | 3,536 | 3,310 | 3,435 | 91 | 101 | 2.7 | 2.9 |
| 35 to 39 years | 1,299 | 1,687 | 1,258 | 1,628 | 1,229 | 1,580 | 29 | 48 | 2.3 | 2.9 |
| 40 years and over | 762 | 892 | 653 | 765 | 631 | 744 | 22 | 21 | 3.4 | 2.7 |
| NONVETERANS² | | | | | | | | | | |
| Total, 25 to 39 years | 14,011 | 14,916 | 13,353 | 14,217 | 12,892 | 13,604 | 461 | 613 | 3.5 | 4.3 |
| 25 to 29 years | 6,338 | 6,819 | 6,001 | 6,478 | 5,749 | 6,152 | 252 | 326 | 4.2 | 5.0 |
| 30 to 34 years | 4,019 | 4,303 | 3,857 | 4,106 | 3,737 | 3,937 | 120 | 169 | 3.1 | 4.1 |
| 35 to 39 years | 3,654 | 3,794 | 3,495 | 3,633 | 3,406 | 3,515 | 89 | 118 | 2.5 | 3.2 |

¹ Vietnam-era veterans are those who served between August 5, 1964 and May 7, 1975.

² Nonveterans are males who have never served in the Armed Forces. Published data are limited to those 25-39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

NOTE: Seasonally-adjusted data are no longer being provided because the changing age composition of the Vietnam-era veterans' population distorts the ability to identify seasonality in the series.

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Table A-10. Employment status of the noninstitutional population for the ten largest States

[Numbers in thousands]

| State and employment status | Not seasonally adjusted [*] | | | Seasonally adjusted | | | | | |
|---|--------------------------------------|-----------|-----------|---------------------|-----------|-----------|------------|-----------|-----------|
| | Nov. 1976 | Oct. 1979 | Nov. 1979 | Nov. 1976 | July 1979 | Aug. 1979 | Sept. 1979 | Oct. 1979 | Nov. 1979 |
| California | | | | | | | | | |
| Civilian noninstitutional population ¹ | 16,477 | 16,804 | 16,832 | 16,477 | 16,704 | 16,731 | 16,760 | 16,804 | 16,832 |
| Civilian labor force | 10,687 | 11,067 | 11,050 | 10,718 | 10,919 | 11,051 | 11,038 | 11,083 | 11,081 |
| Employed | 10,041 | 10,431 | 10,420 | 10,065 | 10,250 | 10,330 | 10,325 | 10,395 | 10,444 |
| Unemployed | 646 | 636 | 630 | 653 | 629 | 721 | 713 | 688 | 637 |
| Unemployment rate | 6.0 | 5.8 | 5.7 | 6.1 | 5.8 | 6.5 | 6.5 | 6.2 | 5.7 |
| Florida | | | | | | | | | |
| Civilian noninstitutional population ¹ | 6,585 | 6,781 | 6,799 | 6,585 | 6,723 | 6,740 | 6,758 | 6,781 | 6,799 |
| Civilian labor force | 3,710 | 3,820 | 3,737 | (2) | (2) | (2) | (2) | (2) | (2) |
| Employed | 3,479 | 3,580 | 3,518 | (2) | (2) | (2) | (2) | (2) | (2) |
| Unemployed | 231 | 241 | 219 | (2) | (2) | (2) | (2) | (2) | (2) |
| Unemployment rate | 6.2 | 6.3 | 5.9 | (2) | (2) | (2) | (2) | (2) | (2) |
| Illinois | | | | | | | | | |
| Civilian noninstitutional population ¹ | 8,236 | 8,309 | 8,315 | 8,236 | 8,284 | 8,289 | 8,295 | 8,309 | 8,315 |
| Civilian labor force | 5,414 | 5,416 | 5,428 | 5,430 | 5,376 | 5,349 | 5,400 | 5,411 | 5,444 |
| Employed | 5,133 | 5,118 | 5,130 | 5,120 | 5,131 | 5,112 | 5,069 | 5,100 | 5,117 |
| Unemployed | 280 | 298 | 298 | 310 | 245 | 237 | 331 | 311 | 327 |
| Unemployment rate | 5.2 | 5.5 | 5.5 | 5.7 | 4.6 | 4.4 | 6.1 | 5.7 | 6.0 |
| Massachusetts | | | | | | | | | |
| Civilian noninstitutional population ¹ | 4,346 | 4,393 | 4,397 | 4,346 | 4,377 | 4,381 | 4,385 | 4,393 | 4,397 |
| Civilian labor force | 2,836 | 2,851 | 2,819 | (2) | (2) | (2) | (2) | (2) | (2) |
| Employed | 2,688 | 2,727 | 2,685 | 2,675 | 2,738 | 2,757 | 2,750 | 2,706 | 2,673 |
| Unemployed | 148 | 124 | 134 | (2) | (2) | (2) | (2) | (2) | (2) |
| Unemployment rate | 5.2 | 4.4 | 4.8 | (2) | (2) | (2) | (2) | (2) | (2) |
| Michigan | | | | | | | | | |
| Civilian noninstitutional population ¹ | 6,679 | 6,765 | 6,773 | 6,679 | 6,738 | 6,744 | 6,752 | 6,765 | 6,773 |
| Civilian labor force | 4,241 | 4,343 | 4,369 | (2) | (2) | (2) | (2) | (2) | (2) |
| Employed | 3,960 | 4,026 | 4,024 | (2) | (2) | (2) | (2) | (2) | (2) |
| Unemployed | 280 | 315 | 345 | 299 | 323 | 302 | 348 | 378 | 364 |
| Unemployment rate | 6.6 | 7.2 | 7.9 | (2) | (2) | (2) | (2) | (2) | (2) |
| New Jersey | | | | | | | | | |
| Civilian noninstitutional population ¹ | 5,477 | 5,537 | 5,542 | 5,477 | 5,517 | 5,522 | 5,527 | 5,537 | 5,542 |
| Civilian labor force | 3,584 | 3,563 | 3,547 | 3,563 | 3,530 | 3,528 | 3,568 | 3,570 | 3,527 |
| Employed | 3,365 | 3,339 | 3,315 | 3,330 | 3,266 | 3,262 | 3,349 | 3,322 | 3,281 |
| Unemployed | 219 | 224 | 232 | 233 | 264 | 266 | 219 | 248 | 246 |
| Unemployment rate | 6.1 | 6.3 | 6.6 | 6.5 | 7.5 | 7.5 | 6.1 | 6.9 | 7.0 |
| New York | | | | | | | | | |
| Civilian noninstitutional population ¹ | 13,268 | 13,320 | 13,324 | 13,268 | 13,298 | 13,300 | 13,304 | 13,320 | 13,324 |
| Civilian labor force | 7,906 | 7,952 | 8,094 | 7,965 | 8,001 | 7,971 | 7,989 | 8,018 | 8,153 |
| Employed | 7,340 | 7,391 | 7,532 | 7,405 | 7,400 | 7,347 | 7,393 | 7,425 | 7,597 |
| Unemployed | 566 | 561 | 561 | 560 | 601 | 624 | 596 | 593 | 556 |
| Unemployment rate | 7.2 | 7.1 | 6.9 | 7.0 | 7.5 | 7.8 | 7.5 | 7.4 | 6.8 |
| Ohio | | | | | | | | | |
| Civilian noninstitutional population ¹ | 7,900 | 7,975 | 7,981 | 7,900 | 7,949 | 7,955 | 7,961 | 7,975 | 7,981 |
| Civilian labor force | 5,107 | 5,122 | 5,098 | 5,109 | 4,995 | 5,045 | 5,084 | 5,100 | 5,100 |
| Employed | 4,856 | 4,819 | 4,829 | 4,835 | 4,650 | 4,687 | 4,793 | 4,778 | 4,808 |
| Unemployed | 251 | 302 | 269 | 274 | 345 | 358 | 291 | 322 | 292 |
| Unemployment rate | 4.9 | 5.9 | 5.3 | 5.4 | 6.9 | 7.1 | 5.7 | 6.3 | 5.7 |
| Pennsylvania | | | | | | | | | |
| Civilian noninstitutional population ¹ | 8,870 | 8,937 | 8,942 | 8,870 | 8,913 | 8,916 | 8,923 | 8,937 | 8,942 |
| Civilian labor force | 5,332 | 5,364 | 5,375 | 5,350 | 5,316 | 5,288 | 5,327 | 5,339 | 5,392 |
| Employed | 4,980 | 4,938 | 5,006 | 4,960 | 4,980 | 4,903 | 4,951 | 4,894 | 4,986 |
| Unemployed | 352 | 426 | 369 | 390 | 336 | 385 | 376 | 445 | 406 |
| Unemployment rate | 6.6 | 7.9 | 6.9 | 7.3 | 6.3 | 7.3 | 7.1 | 8.3 | 7.5 |
| Texas | | | | | | | | | |
| Civilian noninstitutional population ¹ | 9,272 | 9,478 | 9,496 | 9,272 | 9,416 | 9,433 | 9,451 | 9,478 | 9,496 |
| Civilian labor force | 6,100 | 6,264 | 6,272 | 6,094 | 6,183 | 6,136 | 6,241 | 6,245 | 6,266 |
| Employed | 5,808 | 6,028 | 6,003 | 5,757 | 5,907 | 5,866 | 5,996 | 5,989 | 5,992 |
| Unemployed | 292 | 236 | 269 | 297 | 276 | 270 | 245 | 256 | 274 |
| Unemployment rate | 4.8 | 3.8 | 4.3 | 4.9 | 4.5 | 4.4 | 3.9 | 4.1 | 4.4 |

¹ The population figures are not adjusted for seasonal variations; therefore, identical numbers appear in the unadjusted and the seasonally adjusted columns.

* These are the official Bureau of Labor Statistics' estimates used in the administration of Federal fund allocation programs.

² Seasonally-adjusted data are not presented for this series, because the variations that are due to seasonal influences cannot be separated with sufficient precision from those which stem from the trend-cycle and irregular components of the original time series.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-1. Employees on nonagricultural payrolls by industry

[In thousands]

| Industry | Not seasonally adjusted | | | | Seasonally adjusted | | | | | |
|--|-------------------------|---------------|---------------------------|---------------------------|---------------------|--------------|--------------|---------------|---------------------------|---------------------------|
| | NOV. 1978 | SEPT. 1979 | JULY 1979 ^p | NOV. 1979 ^p | NOV. 1978 | JULY 1979 | AUG. 1979 | SEPT. 1979 | JULY 1979 ^p | NOV. 1979 ^p |
| TOTAL | 88,622 | 90,211 | 90,667 | 90,987 | 87,840 | 89,713 | 89,762 | 89,503 | 89,967 | 90,145 |
| GOODS-PRODUCING | 26,407 | 27,156 | 27,043 | 26,901 | 26,120 | 26,723 | 26,599 | 26,543 | 26,554 | 26,604 |
| MINING | 920 | 980 | 983 | 987 | 919 | 956 | 968 | 973 | 940 | 989 |
| CONSTRUCTION | 4,584 | 4,984 | 4,975 | 4,897 | 4,429 | 4,688 | 4,674 | 4,671 | 4,693 | 4,731 |
| MANUFACTURING | 20,903 | 21,192 | 21,085 | 21,017 | 20,772 | 21,079 | 20,957 | 20,949 | 20,886 | 20,887 |
| <i>Production workers</i> | 15,056 | 15,172 | 15,076 | 15,004 | 14,933 | 15,090 | 14,956 | 14,957 | 14,890 | 14,877 |
| DURABLE GOODS | 12,583 | 12,905 | 12,729 | 12,667 | 12,510 | 12,786 | 12,714 | 12,737 | 12,640 | 12,614 |
| <i>Production workers</i> | 9,057 | 9,116 | 9,052 | 9,004 | 8,983 | 9,124 | 9,044 | 9,066 | 8,985 | 8,926 |
| Lumber and wood products | 757.2 | 776.3 | 771.8 | 749.6 | 760 | 753 | 752 | 756 | 740 | 752 |
| Furniture and fixtures | 498.0 | 485.3 | 487.9 | 490.6 | 492 | 488 | 484 | 480 | 482 | 485 |
| Stone, clay, and glass products | 712.9 | 723.6 | 720.2 | 716.8 | 704 | 711 | 710 | 716 | 718 | 708 |
| Primary metal industries | 1,236.1 | 1,244.3 | 1,224.1 | 1,221.0 | 1,242 | 1,256 | 1,245 | 1,256 | 1,225 | 1,227 |
| Fabricated metal products | 1,717.9 | 1,735.3 | 1,736.7 | 1,741.2 | 1,706 | 1,730 | 1,714 | 1,718 | 1,723 | 1,729 |
| Machinery, except electrical | 2,384.5 | 2,496.4 | 2,443.3 | 2,451.6 | 2,382 | 2,500 | 2,492 | 2,490 | 2,451 | 2,444 |
| Electric and electronic equipment | 2,057.2 | 2,136.1 | 2,141.1 | 2,144.9 | 2,037 | 2,131 | 2,092 | 2,117 | 2,122 | 2,124 |
| Transportation equipment | 2,073.4 | 2,051.0 | 2,040.1 | 2,011.4 | 2,057 | 2,073 | 2,079 | 2,086 | 2,024 | 1,995 |
| Instruments and related products | 672.0 | 692.7 | 695.0 | 696.9 | 670 | 694 | 695 | 692 | 696 | 695 |
| Miscellaneous manufacturing | 473.4 | 463.8 | 466.5 | 463.1 | 460 | 450 | 451 | 448 | 449 | 450 |
| NONDURABLE GOODS | 8,320 | 8,387 | 8,356 | 8,330 | 8,262 | 8,293 | 8,243 | 8,212 | 8,246 | 8,273 |
| <i>Production workers</i> | 6,001 | 6,056 | 6,024 | 6,000 | 5,950 | 5,966 | 5,912 | 5,891 | 5,925 | 5,949 |
| Food and kindred products | 1,740.9 | 1,814.1 | 1,765.9 | 1,731.2 | 1,725 | 1,707 | 1,696 | 1,691 | 1,706 | 1,716 |
| Tobacco manufacturers | 74.2 | 72.2 | 72.2 | 64.6 | 69 | 68 | 64 | 65 | 65 | 60 |
| Textile mill products | 401.8 | 388.4 | 389.0 | 393.6 | 397 | 382 | 386 | 384 | 386 | 389 |
| Apparel and other textile products | 1,345.0 | 1,309.1 | 1,316.2 | 1,312.5 | 1,330 | 1,324 | 1,332 | 1,244 | 1,298 | 1,298 |
| Paper and allied products | 702.4 | 718.5 | 717.6 | 717.5 | 700 | 716 | 717 | 714 | 715 | 715 |
| Printing and publishing | 1,215.1 | 1,246.1 | 1,255.4 | 1,264.8 | 1,212 | 1,250 | 1,247 | 1,245 | 1,253 | 1,261 |
| Chemicals and allied products | 1,103.2 | 1,114.9 | 1,116.1 | 1,118.8 | 1,102 | 1,116 | 1,111 | 1,111 | 1,114 | 1,118 |
| Petroleum and coal products | 210.7 | 218.1 | 218.0 | 219.1 | 210 | 212 | 213 | 215 | 216 | 219 |
| Rubber and misc. plastics products | 771.9 | 762.0 | 762.5 | 762.1 | 763 | 777 | 764 | 751 | 750 | 753 |
| Leather and leather products | 255.1 | 243.1 | 243.0 | 245.3 | 254 | 229 | 243 | 243 | 243 | 244 |
| SERVICE-PRODUCING | 62,215 | 63,055 | 63,624 | 64,086 | 61,720 | 62,990 | 63,163 | 63,210 | 63,408 | 63,541 |
| TRANSPORTATION AND PUBLIC UTILITIES | 5,063 | 5,242 | 5,243 | 5,259 | 5,038 | 5,169 | 5,144 | 5,150 | 5,217 | 5,233 |
| WHOLESALE AND RETAIL TRADE | 20,095 | 20,260 | 20,315 | 20,557 | 19,829 | 20,122 | 20,126 | 20,169 | 20,244 | 20,285 |
| WHOLESALE TRADE | 5,069 | 5,206 | 5,234 | 5,254 | 5,054 | 5,182 | 5,185 | 5,190 | 5,208 | 5,238 |
| RETAIL TRADE | 15,026 | 15,054 | 15,081 | 15,303 | 14,775 | 14,940 | 14,941 | 14,979 | 15,036 | 15,047 |
| FINANCE, INSURANCE, AND REAL ESTATE | 4,817 | 5,002 | 5,013 | 5,046 | 4,827 | 4,972 | 5,003 | 4,997 | 5,018 | 5,056 |
| SERVICES | 16,537 | 17,225 | 17,295 | 17,317 | 16,554 | 17,092 | 17,141 | 17,191 | 17,260 | 17,334 |
| GOVERNMENT | 15,703 | 15,326 | 15,758 | 15,907 | 15,472 | 15,635 | 15,699 | 15,673 | 15,649 | 15,673 |
| FEDERAL | 2,746 | 2,751 | 2,756 | 2,760 | 2,757 | 2,785 | 2,813 | 2,762 | 2,770 | 2,771 |
| STATE AND LOCAL | 12,957 | 12,575 | 13,002 | 13,147 | 12,715 | 12,850 | 12,886 | 12,911 | 12,879 | 12,902 |

^p=preliminary.

NOTE: Establishment data shown in tables B-1 through B-6 have been revised based on March 1978 benchmark levels and updated seasonal adjustment factors; consequently, they are not comparable with data published prior to the October 5, 1979 release. For a discussion of the effect of these revisions, see "BLS Establishment Estimates Revised to March 1978 Benchmark Levels," *Employment and Earnings*, October 1979, Vol. 26, No. 10.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-2. Average weekly hours of production or nonsupervisory workers, on private nonagricultural payrolls by industry

| Industry | Not seasonally adjusted | | | | Seasonally adjusted | | | | | |
|--|-------------------------|------------|------------------------|------------------------|---------------------|-----------|-----------|------------|------------------------|------------------------|
| | NOV. 1978 | SEPT. 1979 | OCT. 1979 ^p | NOV. 1979 ^p | NOV. 1978 | JULY 1979 | AUG. 1979 | SEPT. 1979 | OCT. 1979 ^p | NOV. 1979 ^p |
| TOTAL PRIVATE | 35.8 | 35.8 | 35.7 | 35.5 | 35.8 | 35.6 | 35.6 | 35.7 | 35.6 | 35.6 |
| MINING | 43.8 | 43.5 | 43.6 | 43.8 | 43.3 | 41.6 | 43.2 | 43.1 | 43.0 | 43.3 |
| CONSTRUCTION | 36.5 | 37.9 | 37.6 | 36.5 | 36.8 | 36.8 | 37.2 | 37.5 | 36.6 | 36.6 |
| MANUFACTURING | 40.9 | 40.3 | 40.3 | 40.2 | 40.6 | 40.2 | 40.1 | 40.2 | 40.2 | 40.0 |
| <i>Overtime hours</i> | 3.8 | 3.6 | 3.4 | 3.3 | 3.7 | 3.3 | 3.2 | 3.2 | 3.2 | 3.2 |
| DURABLE GOODS | 41.6 | 40.8 | 40.8 | 40.7 | 41.3 | 40.7 | 40.7 | 40.7 | 40.7 | 40.5 |
| <i>Overtime hours</i> | 4.1 | 3.6 | 3.5 | 3.4 | 4.0 | 3.5 | 3.3 | 3.3 | 3.3 | 3.3 |
| Lumber and wood products | 39.9 | 40.1 | 39.7 | 38.6 | 40.0 | 39.3 | 39.5 | 39.7 | 39.3 | 38.7 |
| Furniture and fixtures | 39.4 | 39.0 | 39.3 | 39.1 | 39.1 | 38.4 | 38.3 | 38.6 | 38.6 | 38.8 |
| Stone, clay, and glass products | 42.1 | 41.7 | 41.7 | 41.7 | 41.9 | 41.4 | 41.3 | 41.5 | 41.3 | 41.5 |
| Primary metal industries | 42.2 | 41.3 | 40.9 | 40.4 | 42.2 | 41.3 | 41.0 | 41.0 | 41.1 | 40.4 |
| Fabricated metal products | 41.4 | 40.8 | 40.9 | 40.9 | 41.1 | 40.8 | 40.6 | 40.7 | 40.8 | 40.6 |
| Machinery, except electrical | 42.5 | 41.9 | 41.6 | 41.8 | 42.2 | 41.9 | 41.6 | 41.9 | 41.6 | 41.5 |
| Electric and electronic equipment | 40.7 | 40.5 | 40.3 | 40.9 | 40.4 | 40.2 | 39.8 | 40.3 | 40.3 | 40.6 |
| Transportation equipment | 43.0 | 40.7 | 41.2 | 40.5 | 42.7 | 40.9 | 41.7 | 40.6 | 41.2 | 40.3 |
| Instruments and related products | 41.3 | 40.7 | 40.8 | 41.7 | 40.9 | 40.7 | 40.5 | 40.6 | 40.7 | 41.3 |
| Miscellaneous manufacturing | 39.4 | 39.3 | 39.4 | 39.8 | 38.9 | 39.3 | 39.1 | 39.1 | 39.2 | 39.3 |
| NONDURABLE GOODS | 39.7 | 39.6 | 39.4 | 39.5 | 39.5 | 39.2 | 39.2 | 39.3 | 39.3 | 39.3 |
| <i>Overtime hours</i> | 3.3 | 3.5 | 3.2 | 3.2 | 3.2 | 3.0 | 3.0 | 3.1 | 3.0 | 3.1 |
| Food and kindred products | 40.0 | 40.6 | 40.1 | 40.0 | 39.8 | 39.8 | 39.7 | 40.0 | 40.0 | 39.4 |
| Tobacco manufacturers | 38.7 | 39.1 | 38.8 | 38.8 | 37.5 | 38.5 | 38.0 | 38.6 | 38.3 | 37.6 |
| Textile mill products | 40.6 | 40.8 | 40.8 | 41.1 | 40.4 | 40.1 | 40.1 | 40.6 | 40.8 | 40.9 |
| Apparel and other textile products | 35.9 | 35.4 | 35.5 | 35.5 | 35.0 | 35.3 | 35.3 | 35.3 | 35.3 | 35.2 |
| Paper and allied products | 43.2 | 42.7 | 42.7 | 42.7 | 43.0 | 42.5 | 42.6 | 42.4 | 42.7 | 42.5 |
| Printing and publishing | 38.1 | 37.9 | 37.5 | 37.9 | 37.8 | 37.5 | 37.7 | 37.5 | 37.4 | 37.6 |
| Chemicals and allied products | 42.3 | 41.8 | 41.7 | 42.1 | 42.1 | 41.9 | 42.0 | 41.7 | 41.7 | 41.9 |
| Petroleum and coal products | 44.5 | 44.7 | 44.2 | 44.0 | 44.1 | 43.6 | 43.7 | 44.1 | 43.8 | 43.6 |
| Rubber and misc. plastics products | 41.4 | 40.5 | 40.4 | 40.1 | 41.1 | 40.6 | 40.2 | 40.3 | 40.2 | 39.8 |
| Leather and leather products | 37.0 | 36.8 | 36.5 | 36.8 | 36.9 | 36.6 | 36.5 | 37.0 | 36.5 | 36.7 |
| TRANSPORTATION AND PUBLIC UTILITIES | 39.9 | 39.9 | 39.8 | 39.7 | 39.9 | 39.7 | 39.9 | 39.9 | 39.8 | 39.7 |
| WHOLESALE AND RETAIL TRADE | 32.5 | 32.7 | 32.5 | 32.4 | 32.8 | 32.6 | 32.5 | 32.6 | 32.7 | 32.7 |
| WHOLESALE TRADE | 38.8 | 38.8 | 38.9 | 39.0 | 38.8 | 38.8 | 38.7 | 38.7 | 38.8 | 39.0 |
| RETAIL TRADE | 30.6 | 30.7 | 30.5 | 30.4 | 30.9 | 30.6 | 30.5 | 30.7 | 30.7 | 30.7 |
| FINANCE, INSURANCE, AND REAL ESTATE | 36.3 | 36.3 | 36.3 | 36.4 | 36.4 | 36.3 | 36.1 | 36.4 | 36.2 | 36.5 |
| SERVICES | 32.6 | 32.7 | 32.6 | 32.6 | 32.7 | 32.8 | 32.7 | 32.7 | 32.6 | 32.7 |

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

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-3. Average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry

| Industry | Average hourly earnings | | | | Average weekly earnings | | | |
|--|-------------------------|------------|------------------------|------------------------|-------------------------|------------|------------------------|------------------------|
| | NOV. 1978 | SEPT. 1979 | OCT. 1979 ^p | NOV. 1979 ^p | NOV. 1978 | SEPT. 1979 | OCT. 1979 ^p | NOV. 1979 ^p |
| TOTAL PRIVATE | \$5.88 | \$6.31 | \$6.32 | \$6.34 | \$210.50 | \$225.90 | \$225.62 | \$225.07 |
| <i>Seasonally adjusted</i> | 5.87 | 6.26 | 6.27 | 6.32 | 210.15 | 223.48 | 223.21 | 224.99 |
| MINING | 8.05 | 8.57 | 8.57 | 8.71 | 352.59 | 372.80 | 373.65 | 381.50 |
| CONSTRUCTION | 8.89 | 9.51 | 9.49 | 9.49 | 324.49 | 360.43 | 356.82 | 346.39 |
| MANUFACTURING | 6.38 | 6.80 | 6.82 | 6.85 | 260.94 | 274.04 | 274.85 | 275.37 |
| DURABLE GOODS | 6.82 | 7.24 | 7.25 | 7.28 | 263.71 | 295.39 | 295.80 | 296.30 |
| Lumber and wood products | 5.75 | 6.32 | 6.25 | 6.24 | 229.43 | 253.43 | 248.13 | 240.86 |
| Furniture and fixtures | 4.40 | 5.18 | 5.20 | 5.22 | 189.12 | 202.02 | 204.36 | 204.10 |
| Stone, clay, and glass products | 6.54 | 6.98 | 6.99 | 7.03 | 275.33 | 291.07 | 291.48 | 293.15 |
| Primary metal industries | 8.52 | 9.16 | 9.11 | 9.20 | 359.54 | 378.31 | 372.60 | 371.68 |
| Fabricated metal products | 6.54 | 6.93 | 6.97 | 7.00 | 270.76 | 282.74 | 285.07 | 286.30 |
| Machinery, except electrical | 7.01 | 7.48 | 7.47 | 7.52 | 297.93 | 313.41 | 310.75 | 314.34 |
| Electric and electronic equipment | 5.97 | 6.46 | 6.49 | 6.52 | 242.98 | 261.63 | 261.55 | 266.67 |
| Transportation equipment | 8.27 | 8.59 | 8.65 | 8.66 | 355.61 | 349.61 | 356.38 | 350.73 |
| Instruments and related products | 5.84 | 6.21 | 6.32 | 6.41 | 241.19 | 252.75 | 257.86 | 267.30 |
| Miscellaneous manufacturing | 4.79 | 5.07 | 5.11 | 5.13 | 188.73 | 199.25 | 201.33 | 204.17 |
| NONDURABLE GOODS | 5.70 | 6.11 | 6.14 | 6.20 | 226.29 | 241.96 | 241.92 | 244.90 |
| Food and kindred products | 5.97 | 6.33 | 6.36 | 6.49 | 238.80 | 257.00 | 255.04 | 259.60 |
| Tobacco manufacturers | 6.02 | 6.54 | 6.42 | 7.01 | 232.97 | 245.71 | 249.10 | 271.99 |
| Textile mill products | 4.45 | 4.82 | 4.83 | 4.85 | 180.67 | 196.68 | 197.06 | 199.34 |
| Apparel and other textile products | 4.04 | 4.28 | 4.32 | 4.33 | 145.04 | 151.51 | 153.36 | 153.72 |
| Paper and allied products | 6.75 | 7.32 | 7.33 | 7.40 | 291.60 | 312.56 | 312.99 | 315.98 |
| Printing and publishing | 6.66 | 7.04 | 7.06 | 7.09 | 253.75 | 266.82 | 264.75 | 266.71 |
| Chemicals and allied products | 7.22 | 7.73 | 7.81 | 7.87 | 305.41 | 323.11 | 325.68 | 331.33 |
| Petroleum and coal products | 8.74 | 9.51 | 9.50 | 9.57 | 390.71 | 425.10 | 419.90 | 421.08 |
| Rubber and misc. plastics products | 5.71 | 6.03 | 6.13 | 6.11 | 236.39 | 244.22 | 247.65 | 245.01 |
| Leather and leather products | 3.96 | 4.29 | 4.31 | 4.33 | 147.26 | 157.87 | 157.32 | 159.34 |
| TRANSPORTATION AND PUBLIC UTILITIES | 7.78 | 8.45 | 8.46 | 8.49 | 310.42 | 337.16 | 336.71 | 337.05 |
| WHOLESALE AND RETAIL TRADE | 4.80 | 5.13 | 5.14 | 5.18 | 156.00 | 167.75 | 167.05 | 167.83 |
| WHOLESALE TRADE | 6.07 | 6.51 | 6.51 | 6.58 | 235.52 | 252.59 | 253.24 | 256.62 |
| RETAIL TRADE | 4.31 | 4.58 | 4.59 | 4.62 | 131.89 | 140.61 | 140.00 | 140.45 |
| FINANCE, INSURANCE, AND REAL ESTATE | 5.03 | 5.36 | 5.38 | 5.39 | 182.59 | 195.29 | 195.29 | 196.20 |
| SERVICES | 5.13 | 5.45 | 5.48 | 5.52 | 167.24 | 178.22 | 178.65 | 179.95 |

¹ See footnote 1, table B-2.

^p=preliminary.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-4. Hourly earnings index for production or nonsupervisory workers on private nonagricultural payrolls by industry division, seasonally adjusted

[1967-100]

| Industry | NOV. 1978 | JUNE 1979 | JULY 1979 | AUG. 1979 | SEPT. 1979 | OCT. P 1979 | NOV. P 1979 | Percent change from— | |
|--|-----------|-----------|-----------|-----------|------------|-------------|-------------|----------------------|---------------------|
| | | | | | | | | NOV. 1978-NOV. 1979 | OCT. 1979-NOV. 1979 |
| TOTAL PRIVATE NONFARM: | | | | | | | | | |
| Current dollars | 219.2 | 229.0 | 230.9 | 232.2 | 234.3 | 235.0 | 236.9 | 8.1 | 0.8 |
| Constant (1967) dollars | 108.6 | 195.7 | 105.6 | 105.1 | 104.9 | 104.3 | N.A. | (2) | (3) |
| MINING | 249.9 | 264.9 | 266.9 | 265.6 | 266.1 | 268.0 | 271.4 | 8.6 | 1.3 |
| CONSTRUCTION | 211.6 | 220.4 | 222.1 | 223.1 | 224.4 | 223.9 | 225.6 | 6.6 | .8 |
| MANUFACTURING | 222.4 | 233.9 | 235.4 | 236.9 | 238.7 | 240.0 | 241.9 | 8.7 | .8 |
| TRANSPORTATION AND PUBLIC UTILITIES | 236.3 | 246.4 | 251.3 | 252.6 | 255.6 | 256.6 | 258.2 | 9.3 | .6 |
| WHOLESALE AND RETAIL TRADE | 213.0 | 222.6 | 223.8 | 225.4 | 227.0 | 227.3 | 229.6 | 7.8 | 1.0 |
| FINANCE, INSURANCE, AND REAL ESTATE | 200.7 | 209.3 | 210.8 | 211.5 | 214.4 | 213.6 | 215.3 | 7.3 | .8 |
| SERVICES | 217.7 | 225.7 | 227.9 | 228.4 | 231.5 | 232.2 | 233.8 | 7.4 | .7 |

1 SEE FOOTNOTE 1, TABLE B-2.

2 PERCENT CHANGE WAS -4.1 FROM OCTOBER 1978 TO OCTOBER 1979, THE LATEST MONTH AVAILABLE.

3 PERCENT CHANGE WAS -.6 FROM SEPTEMBER 1979 TO OCTOBER 1979, THE LATEST MONTH AVAILABLE.

N.A. = not available.
p=preliminary.

NOTE: All series are in current dollars except where indicated. The index excludes effects of two types of changes that are unrelated to underlying wage-rate developments: Fluctuations in overtime premiums in manufacturing (the only sector for which overtime data are available) and the effects of changes in the proportion of workers in high-wage and low-wage industries.

Table B-5. Indexes of aggregate weekly hours of production or nonsupervisory workers, on private nonagricultural payrolls by industry, seasonally adjusted

[1967-100]

| Industry division and group | 1978 | | | | | 1979 | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| | NOV. | DEC. | JAN. | FEB. | MAR. | APR. | MAY | JUNE | JULY | AUG. | SEPT. | OCT. P | NOV. P |
| TOTAL PRIVATE | 123.7 | 124.2 | 124.4 | 124.7 | 125.7 | 123.6 | 125.4 | 125.7 | 125.7 | 125.5 | 125.9 | 125.8 | 126.3 |
| GOODS-PRODUCING | 108.9 | 109.8 | 110.3 | 110.2 | 111.3 | 106.8 | 110.3 | 110.1 | 109.9 | 109.4 | 109.7 | 108.9 | 108.8 |
| MINING | 150.6 | 151.3 | 152.0 | 152.5 | 152.5 | 152.0 | 151.6 | 152.5 | 148.4 | 156.7 | 157.4 | 157.9 | 159.2 |
| CONSTRUCTION | 126.0 | 127.9 | 128.9 | 126.7 | 132.7 | 124.9 | 133.7 | 134.4 | 133.9 | 134.5 | 135.4 | 132.7 | 134.4 |
| MANUFACTURING | 104.4 | 105.1 | 105.6 | 105.8 | 106.0 | 102.0 | 104.7 | 104.3 | 104.4 | 103.3 | 103.4 | 103.0 | 102.6 |
| DURABLE GOODS | 107.9 | 108.8 | 109.2 | 109.9 | 110.1 | 105.0 | 108.3 | 107.9 | 107.9 | 106.8 | 107.1 | 106.0 | 105.0 |
| Lumber and wood products | 115.0 | 115.6 | 115.9 | 114.9 | 116.4 | 112.4 | 113.3 | 112.7 | 111.9 | 112.3 | 113.6 | 112.8 | 109.4 |
| Furniture and fixtures | 109.4 | 110.2 | 109.9 | 109.1 | 109.4 | 105.8 | 105.9 | 105.3 | 105.9 | 104.5 | 104.8 | 105.9 | 106.2 |
| Stone, clay, and glass products | 112.6 | 113.4 | 113.0 | 112.8 | 114.9 | 111.5 | 113.1 | 113.0 | 111.5 | 110.8 | 111.2 | 110.4 | 111.2 |
| Primary metal industries | 94.1 | 94.6 | 100.1 | 100.3 | 100.2 | 99.7 | 97.9 | 97.9 | 97.6 | 95.9 | 95.3 | 94.5 | 92.9 |
| Fabricated metal products | 106.5 | 107.8 | 107.6 | 108.7 | 108.6 | 102.7 | 106.6 | 107.1 | 106.7 | 104.8 | 105.4 | 103.9 | 105.7 |
| Machinery, except electrical | 113.5 | 115.3 | 115.8 | 117.4 | 117.5 | 113.0 | 117.4 | 117.6 | 118.0 | 116.2 | 117.7 | 114.2 | 114.3 |
| Electric and electronic equipment | 104.6 | 105.5 | 106.6 | 107.8 | 108.5 | 104.4 | 108.2 | 108.6 | 108.5 | 104.7 | 107.2 | 107.6 | 108.1 |
| Transportation equipment | 104.9 | 105.6 | 105.9 | 106.9 | 105.9 | 94.3 | 102.6 | 99.4 | 100.3 | 102.6 | 100.1 | 97.1 | 92.7 |
| Instruments and related products | 125.7 | 126.3 | 128.2 | 129.4 | 129.7 | 127.2 | 128.1 | 128.4 | 128.1 | 127.2 | 127.2 | 127.5 | 129.1 |
| Miscellaneous manufacturing industry | 102.1 | 101.8 | 102.3 | 101.7 | 101.7 | 97.5 | 98.7 | 100.3 | 100.7 | 100.8 | 99.9 | 100.2 | 100.4 |
| NONDURABLE GOODS | 99.5 | 99.8 | 100.3 | 99.8 | 100.1 | 97.8 | 99.5 | 99.1 | 99.1 | 98.2 | 98.1 | 98.7 | 98.9 |
| Food and kindred products | 96.4 | 97.7 | 98.1 | 97.0 | 98.1 | 96.8 | 97.0 | 96.8 | 95.9 | 94.6 | 95.0 | 96.2 | 96.3 |
| Tobacco manufacturers | 72.4 | 73.6 | 71.8 | 70.0 | 73.4 | 73.9 | 76.5 | 72.6 | 73.0 | 66.7 | 70.5 | 69.9 | 60.7 |
| Textile mill products | 91.0 | 91.0 | 91.9 | 90.3 | 90.6 | 86.7 | 89.5 | 89.6 | 89.8 | 89.0 | 89.8 | 90.6 | 91.3 |
| Apparel and other textile products | 91.3 | 91.0 | 91.0 | 90.3 | 89.9 | 86.8 | 89.5 | 88.7 | 89.5 | 88.0 | 87.5 | 87.9 | 87.6 |
| Paper and allied products | 100.4 | 100.7 | 101.1 | 101.8 | 103.0 | 100.8 | 102.3 | 102.1 | 103.2 | 103.1 | 102.2 | 103.2 | 102.7 |
| Printing and publishing | 101.4 | 101.5 | 102.5 | 103.1 | 103.4 | 101.7 | 103.1 | 103.3 | 104.4 | 104.7 | 103.9 | 104.3 | 105.9 |
| Chemicals and allied products | 108.1 | 107.8 | 108.7 | 108.5 | 108.1 | 107.7 | 108.3 | 108.4 | 108.8 | 108.2 | 107.6 | 108.1 | 109.5 |
| Petroleum and coal products | 124.4 | 123.6 | 122.7 | 123.9 | 125.0 | 125.7 | 124.2 | 123.1 | 123.0 | 124.2 | 126.2 | 126.3 | 128.4 |
| Rubber and misc. plastics products | 149.9 | 152.0 | 153.5 | 154.0 | 154.4 | 148.4 | 153.4 | 150.4 | 150.5 | 145.6 | 143.5 | 143.4 | 142.7 |
| Leather and leather products | 69.4 | 68.4 | 67.9 | 68.6 | 66.1 | 63.9 | 65.4 | 66.0 | 61.3 | 64.9 | 66.1 | 65.2 | 65.9 |
| SERVICE-PRODUCING | 134.0 | 134.2 | 134.2 | 134.8 | 135.8 | 135.3 | 135.9 | 136.5 | 136.7 | 136.6 | 137.2 | 137.6 | 138.4 |
| TRANSPORTATION AND PUBLIC UTILITIES | 112.0 | 112.5 | 112.8 | 113.3 | 113.7 | 109.2 | 113.4 | 115.0 | 114.2 | 115.2 | 114.9 | 115.5 | 115.7 |
| WHOLESALE AND RETAIL TRADE | 129.2 | 129.5 | 129.0 | 129.3 | 130.2 | 130.6 | 130.2 | 130.0 | 129.9 | 129.6 | 130.4 | 131.1 | 131.4 |
| WHOLESALE TRADE | 129.6 | 130.5 | 130.5 | 130.8 | 132.3 | 131.3 | 132.8 | 132.8 | 132.7 | 132.4 | 132.5 | 133.5 | 134.8 |
| RETAIL TRADE | 129.0 | 129.0 | 128.5 | 128.7 | 129.3 | 130.3 | 129.1 | 128.9 | 128.9 | 128.5 | 129.6 | 130.1 | 130.2 |
| FINANCE, INSURANCE, AND REAL ESTATE | 142.6 | 142.7 | 143.3 | 144.1 | 144.6 | 145.5 | 144.8 | 145.7 | 146.5 | 146.3 | 147.1 | 146.7 | 148.6 |
| SERVICES | 148.3 | 148.4 | 148.6 | 149.5 | 151.1 | 151.0 | 151.7 | 152.6 | 153.5 | 153.4 | 153.8 | 154.1 | 155.4 |

1 See footnote 1, table B-2.

p=preliminary.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-6. Indexes of diffusion: Percent of industries in which employment¹ increased

| Year and month | Over 1-month span | Over 3-month span | Over 6-month span | Over 12-month span |
|----------------|-------------------|-------------------|-------------------|--------------------|
| 1976 | | | | |
| January..... | 77.0 | 85.8 | 86.9 | 84.0 |
| February..... | 70.3 | 84.3 | 85.8 | 83.7 |
| March..... | 69.2 | 82.3 | 79.4 | 85.2 |
| April..... | 70.6 | 73.8 | 72.4 | 77.6 |
| May..... | 59.6 | 64.8 | 67.7 | 82.6 |
| June..... | 51.7 | 62.5 | 71.5 | 80.2 |
| July..... | 59.0 | 56.4 | 60.8 | 78.2 |
| August..... | 54.4 | 68.3 | 66.9 | 77.3 |
| September..... | 68.9 | 55.8 | 68.6 | 78.8 |
| October..... | 47.4 | 66.9 | 73.8 | 79.4 |
| November..... | 65.1 | 62.2 | 77.9 | 80.8 |
| December..... | 66.0 | 78.8 | 78.2 | 82.6 |
| 1977 | | | | |
| January..... | 73.0 | 80.2 | 86.3 | 80.5 |
| February..... | 67.2 | 84.3 | 84.6 | 81.4 |
| March..... | 72.4 | 82.6 | 84.0 | 82.8 |
| April..... | 71.5 | 81.7 | 82.3 | 84.6 |
| May..... | 70.3 | 76.5 | 79.1 | 85.2 |
| June..... | 65.1 | 72.7 | 77.6 | 86.6 |
| July..... | 70.3 | 70.3 | 75.3 | 84.9 |
| August..... | 57.8 | 70.9 | 76.7 | 83.1 |
| September..... | 67.2 | 67.7 | 79.7 | 83.1 |
| October..... | 64.2 | 76.2 | 80.5 | 82.8 |
| November..... | 73.3 | 79.7 | 84.0 | 81.1 |
| December..... | 75.3 | 79.4 | 82.3 | 82.0 |
| 1978 | | | | |
| January..... | 68.3 | 80.2 | 83.1 | 81.4 |
| February..... | 69.2 | 75.6 | 79.1 | 83.1 |
| March..... | 69.5 | 77.3 | 77.6 | 81.1 |
| April..... | 68.0 | 69.8 | 73.5 | 82.0 |
| May..... | 57.8 | 67.2 | 72.7 | 81.7 |
| June..... | 66.6 | 66.6 | 71.2 | 82.3 |
| July..... | 64.5 | 69.5 | 73.0 | 81.4 |
| August..... | 60.5 | 67.2 | 77.3 | 78.2 |
| September..... | 62.5 | 71.2 | 79.7 | 77.9 |
| October..... | 73.0 | 78.2 | 82.3 | 73.5 |
| November..... | 75.9 | 81.1 | 82.3 | 76.2 |
| December..... | 74.4 | 82.3 | 80.5 | 71.8 |
| 1979 | | | | |
| January..... | 70.3 | 76.5 | 74.1 | 71.8 |
| February..... | 65.1 | 72.1 | 67.4 | 70.6 |
| March..... | 60.5 | 57.8 | 61.9 | 63.7 |
| April..... | 44.8 | 55.2 | 58.1 | 63.7p |
| May..... | 54.7 | 51.5 | 50.3 | 61.3p |
| June..... | 57.0 | 58.4 | 46.8 | |
| July..... | 61.6 | 56.7 | 56.7p | |
| August..... | 48.8 | 52.0 | 58.7p | |
| September..... | 46.8 | 51.2p | | |
| October..... | 67.7p | 66.3p | | |
| November..... | 65.4p | | | |
| December..... | | | | |

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

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Chart 1. Civilian labor force, and employment
 (Seasonally adjusted)

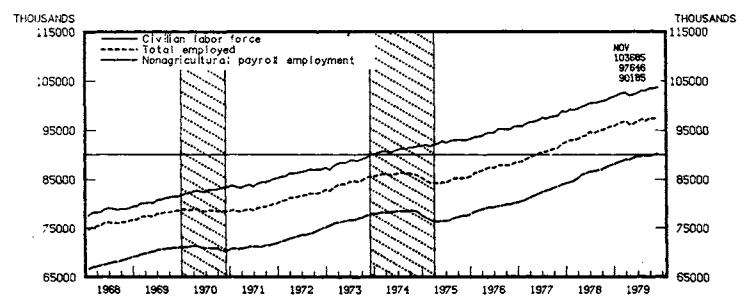


Chart 2. Unemployment rate--all civilian workers

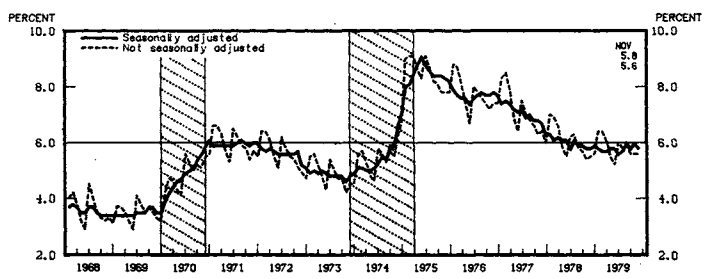
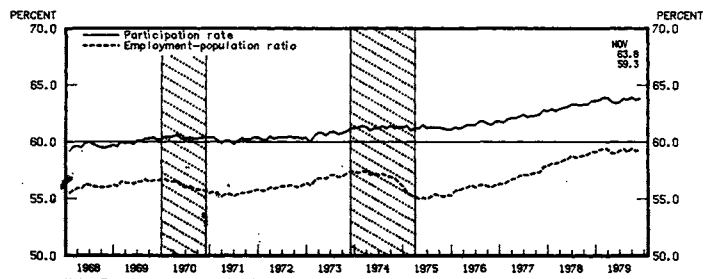


Chart 3. Civilian labor force participation rate
 and total employment-population ratio
 (Seasonally adjusted)



Note: The shaded areas depict the business cycle peaks and troughs as designated by the National Bureau of Economic Research.