

News

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Bureau of Labor Statistics

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Contact: Michael Urquhart (202) 523-1371 USDL 81-12
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THE EMPLOYMENT SITUATION: DECEMBER 1980

Both total employment and unemployment in December remained near their November levels, the Bureau of Labor Statistics of the U.S. Department of Labor reported today. The overall unemployment rate was 7.4 percent, close to levels which have prevailed since May.

Total employment--as measured by the monthly survey of households--was about unchanged in December at 97.3 million, still some 500,000 below the February 1980 peak.

In contrast, nonfarm payroll employment--as measured by the monthly survey of establishments--rose by 200,000 in December to 91.1 million, its fifth consecutive monthly increase. Overall, job gains in the latter half of 1980 have nearly recouped losses earlier in the year, although employment was still sharply down in manufacturing and construction. The factory workweek rose 0.3 hour in December to 40.2 hours, essentially back to its prerecession level.

Unemployment

The Nation's unemployment rate was 7.4 percent in December, about unchanged from the previous month's 7.5 percent rate. As revised, based on updated seasonal adjustment factors, the rate had risen from 6.0 percent in December 1979 to 7.6 percent in May. Since May, the rate has fluctuated narrowly between 7.6 and 7.4 percent. The number of unemployed totaled 7.8 million in December, a million and a half above the year-earlier level, with adult men accounting for two-thirds of the increase. (See table A-1.)

NOTE: This release incorporates revisions in seasonally adjusted unemployment and other labor force series derived from the household survey. The revisions altered the overall rate in 8 months of 1980. The 1980 overall rates as originally published and as revised, plus additional information on the revisions, appear on page 6. Appended to this release, in addition, are selected annual averages for many of the household and establishment series (tables 1-6).

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There was also little change in the unemployment rates for major demographic groups in December--adult men (6.2 percent), adult women (6.8 percent), teenagers (17.8 percent), whites (6.5 percent), black and other workers (14.0 percent), and Hispanics (9.8 percent). Adult men were the most seriously affected age/sex group in the 1980 downturn, as their rate increased from 4.4 percent in December 1979 to 6.6 percent in the July-September period before declining slightly in recent months. The rate for adult women increased 1.1 points over the year to its December 1980 high, while that for teenagers was up 1.5 points in the same period. (See tables A-1, and A-2, and A-9.)

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

Category	Quarterly averages			Monthly data			Nov. - Dec. change
	1979	1980		1980			
	IV	III	IV	Oct.	Nov.	Dec.	
HOUSEHOLD DATA							
	Thousands of persons						
Civilian labor force.....	103,741	104,982	105,173	105,167	105,285	105,067	-218
Total employment.....	97,572	97,061	97,276	97,206	97,339	97,282	-57
Unemployment.....	6,169	7,921	7,897	7,961	7,946	7,785	-161
Not in labor force.....	58,850	59,493	59,906	59,717	59,797	60,205	408
Discouraged workers.....	766	961	1,055	N.A.	N.A.	N.A.	N.A.
	Percent of labor force						
Unemployment rates:							
All workers.....	5.9	7.5	7.5	7.6	7.5	7.4	-0.1
Adult men.....	4.4	6.6	6.3	6.4	6.4	6.2	-0.2
Adult women.....	5.7	6.4	6.7	6.7	6.7	6.8	0.1
Teenagers.....	16.2	18.4	18.3	18.5	18.6	17.8	-0.8
White.....	5.2	6.7	6.6	6.6	6.6	6.5	-0.1
Black and other.....	11.3	13.9	14.1	14.2	14.0	14.0	0
Hispanic origin.....	9.0	10.8	10.2	10.7	10.2	9.8	-0.4
Full-time workers.....	5.5	7.3	7.3	7.3	7.4	7.3	-0.1
ESTABLISHMENT DATA							
	Thousands of jobs						
Nonfarm payroll employment.....	90,557	90,131	90,916p	90,710	90,917p	91,122p	205p
Goods-producing industries.....	26,549	25,317	25,785p	25,636	25,804p	25,916p	112p
Service-producing industries.....	64,008	64,814	65,131p	65,074	65,113p	65,206p	93p
	Hours of work						
Average weekly hours:							
Total private nonfarm.....	35.6	35.1	35.4p	35.3	35.4p	35.4p	0p
Manufacturing.....	40.1	39.3	39.9p	39.7	39.9p	40.2p	0.3p
Manufacturing overtime.....	3.2	2.6	2.9p	2.8	2.9p	3.1p	0.2p

p=preliminary.

N.A.=not available.

NOTE: Household data in this table have been revised. See note on page 6.

The number of persons on layoff and permanently separated from their jobs (job losers), at 4.2 million in December, was little changed from the previous 2 months. The number of job losers had increased from 2.8 million in December 1979 to a high of 4.5 million in June. Job losers accounted for 54 percent of the jobless total in December; people entering the labor force and those leaving their jobs comprise the balance. (See table A-7.)

The median duration of unemployment declined in December to 7.3 from 7.7 weeks but was still 1.7 weeks longer than a year ago. (See table A-6.) The number of persons unemployed for 15 weeks or longer was 2.4 million, about the same as in November but 1.1 million higher than a year ago.

Total Employment and the Labor Force

All the major worker groups experienced little over-the-month change in their employment levels. Despite increases totaling 500,000 since June, the number of employed persons in December was still 540,000 below the February peak. The employment-population ratio, at 58.1 percent in December, has been about unchanged since June, after declining a full percentage point from December 1979.

The civilian labor force, at 105.1 million in December, was off slightly from the previous month. Over the past year, the labor force increased by about 900,000, a substantially slower pace than in recent years. The overall labor force participation rate edged down 0.2 point to 63.6 percent in December. Over the year, the participation rate declined for adult men and teenagers. Women's participation was up slightly from last December, but their rate stabilized at about 51.4 percent in 1980; this is in contrast to the rapid gains in labor force activity in prior years. (See table A-1.)

Discouraged Workers

The number of discouraged workers in the fourth quarter of 1980 was 1.1 million, up about 100,000 over the previous quarter and nearly 300,000 over the year. (Discouraged workers are persons who report that they want to work but are not looking for jobs because they believe they cannot find any.) Blacks and women accounted for most of the increases. About 70 percent of the discouraged cited job-market factors as the reason for their discouragement. (See table A-1.)

Industry Payroll Employment

The number of employees on nonagricultural payrolls rose by about 200,000 to 91.1 million in December. This was the fifth consecutive monthly advance; since July, the number of payroll jobs has increased by one and a quarter million but was still slightly below the February peak. (See table B-1.)

Manufacturing employment showed improvement in December, as it has every month since the July recession low. Factory jobs increased by 65,000, with gains in both durable and nondurable goods. In durable goods, electrical equipment and primary metals registered the largest advances. In nondurables, increases occurred in printing and publishing, rubber and plastic products, and apparel, while there was a decline in food processing. Factory employment was still 780,000 short of its June 1979 high.

Construction employment rose by 30,000 in December but was 250,000 below its January peak. Mining registered a December increase which brought its over-the-year gain to 80,000 jobs.

The service-producing sector continued to grow in December as it had almost continuously throughout 1980. The December increase of 95,000 was concentrated in the services industry and in finance, insurance, and real estate. There was, however, a small decline in retail trade, which has exhibited some weakness in recent months.

Hours of Work

The average workweek for production or nonsupervisory workers on private nonfarm payrolls remained at the November level of 35.4 hours. The December workweek was up 0.5 hour from the July low of 34.9 but was still below the year-ago prerecession high of 35.7 hours. The manufacturing workweek jumped 0.3 hour over the month to 40.2; this was the fifth straight monthly advance, bringing factory hours 1.2 hour above the July level and within a tenth of the January high. Factory overtime rose by 0.2 hour to 3.1 in December. (See table B-2.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls rose 0.4 percent in December to 125.7 (1967=100). The index has increased 3.1 percent since July but was still 1.1 percent below its January peak. The manufacturing index was up 1.3 percent over the month. (See table B-5.)

Hourly and Weekly Earnings

Average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls rose 0.6 percent over the month (seasonally adjusted). Average weekly earnings were up 0.6 percent from November. Before adjustment for seasonality, average hourly earnings rose by 2 cents over the month to \$6.94 and 56 cents over the year. Average weekly earnings were \$247.76, up \$3.48 over the month and \$18.72 from a year earlier. (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 261.6 (1967=100) in December, 0.4 percent higher than in November. The Index was 9.3 percent above December a year ago. In dollars of constant purchasing power, the Index decreased 2.5 percent during the 12-month period ended in November. (See table B-4.)

NOTE ON SEASONAL ADJUSTMENT

At the end of each calendar year, the Bureau of Labor Statistics revises the seasonally adjusted labor force series derived from the Current Population Survey (household survey) to incorporate the experience of that year. As a result of the recalculation of the seasonal factors, seasonally adjusted data for the most recent 5 years are subject to revision.

The seasonal adjustment methodology reflects the two major modifications introduced at the beginning of 1980. First, the labor force data are being seasonally adjusted with the X-11/ARIMA seasonal adjustment procedure, which replaced the standard X-11 method used previously. Second, seasonal factors are being calculated for use during the first 6 months of the year rather than for the entire year. In July, the Bureau calculates and publishes a new set of seasonal factors for use in the second half of the year, based on the experience through June. Revisions of the historical data are made once a year, at the end of each calendar year.

The table below contains the seasonally adjusted overall unemployment rates for the past 12 months as originally published and as revised. Previously published data were altered by 0.1 percentage point in 4 months of the year and 0.2 percentage point in 4 months. The 1980 annual average rate (7.1 percent), which is calculated using unadjusted data, is not affected by seasonal adjustment revisions.

New seasonal adjustment factors to be used to calculate the overall unemployment rate during January-June 1981, a description of the current seasonal adjustment methodology, and revised data for the most recent 13 months or calendar quarters (tables A-1, 2, 33-42, and 44-53) will appear in the January 1981 issue of Employment and Earnings. Revised data for the entire 1976-80 revision period for nearly 500 labor force series will be published, as is the usual practice, in the February 1981 issue. Historical data (monthly and quarterly) from the time of the inception of the various series may be obtained from the Bureau upon request. (Contact John Stinson, 202-523-1944.)

Revised seasonally adjusted unemployment rates in 1980

Month	As previously published	As revised
January	6.2	6.2
February	6.0	6.2
March	6.2	6.3
April	7.0	6.9
May	7.8	7.6
June	7.7	7.5
July	7.8	7.6
August	7.6	7.6
September	7.5	7.4
October	7.6	7.6
November	7.5	7.5
December	7.3*	7.4

* Not published

Explanatory Note

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

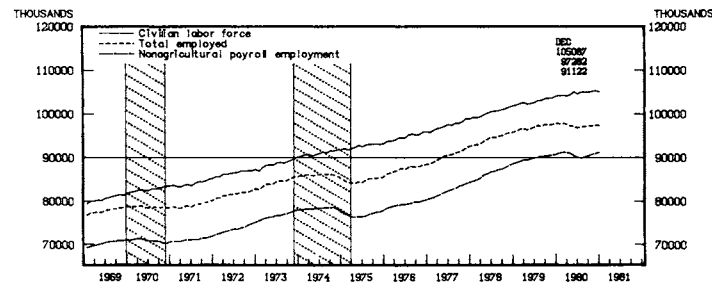


Chart 2. Unemployment rate—all civilian workers

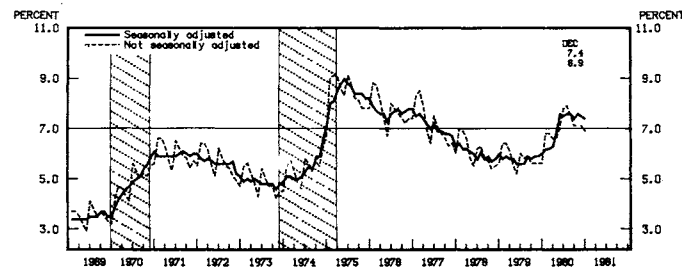
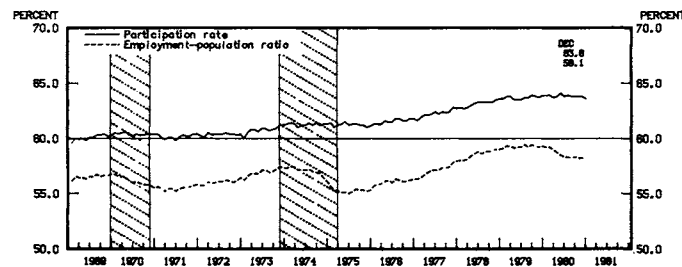


Chart 3. Civilian labor force participation rate
and total employment—population ratio
(Seasonally adjusted)



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

This news release presents statistics from two major surveys, the Current Population Survey (household survey) and the Current Employment Statistics Survey (establishment survey). The household survey provides the information on the labor force, total employment, and unemployment that appears in the A tables, marked HOUSEHOLD DATA. It is a sample survey of about 65,000 households that is conducted by the Bureau of the Census with most of the findings analyzed and published by the Bureau of Labor Statistics (BLS).

The establishment survey provides the information on the employment, hours, and earnings of workers on nonagricultural payrolls that appears in the B tables, marked ESTABLISHMENT DATA. This information is collected from payroll records by BLS in cooperation with State agencies. The sample includes approximately 166,000 establishments employing about 35 million people.

For both surveys, the data for a given month are actually collected for and relate to a particular week. In the household survey, unless otherwise indicated, it is the calendar week that contains the 12th day of the month, which is called the survey week. In the establishment survey, the reference week is the pay period including the 12th, which may or may not correspond directly to the calendar week.

The data in this release are affected by a number of technical factors, including definitions, survey differences, seasonal adjustments, and the inevitable variance in results between a survey of a sample and a census of the entire population. Each of these factors is explained below.

Coverage, definitions and differences between surveys

The sample households in the household survey are selected so as to reflect the entire civilian noninstitutional population 16 years of age and older. Each person in a household is classified as employed, unemployed, or not in the labor force. Those who hold more than one job are classified according to the job at which they worked the most hours.

People are classified as *employed* if they did any work at all as paid civilians; worked in their own business or profession or on their own farm; or worked 15 hours or more in an enterprise operated by a member of their family, whether they were paid or not. People are also counted as employed if they were on unpaid leave because of illness, bad weather, disputes between labor and management, or personal reasons.

People are classified as *unemployed*, regardless of their eligibility for unemployment benefits or public assistance, if they meet all of the following criteria: They had no employment during the survey week; they were available for work at that time; and they made specific efforts to find employment sometime during the prior 4 weeks. Also included among the unemployed are persons not looking for work because they were laid off

and waiting to be recalled and those expecting to report to a job within 30 days.

The *civilian labor force* equals the sum of the number employed and the number unemployed. The *unemployment rate* is the percentage of unemployed people in the civilian labor force. Table A-4 presents a special grouping of seven measures of unemployment based on varying definitions of unemployment and the labor force. The definitions are provided in the table. The most restrictive definition yields U-1, and the most comprehensive yields U-7. The official unemployment rate is U-5.

Unlike the household survey, the establishment survey only counts wage and salary employees whose names appear on the payroll records of nonagricultural firms. As a result, there are many differences between the two surveys, among which are the following:

- The household survey, although based on a smaller sample, reflects a larger segment of the population; the establishment survey excludes agriculture, the self-employed, unpaid family workers, and private household workers;

- The household survey includes people on unpaid leave among the employed; the establishment survey does not;

- The household survey is limited to those 16 years of age and older; the establishment survey is not limited by age;

- The household survey has no duplication of individuals, because each individual is counted only once; in the establishment survey, employees working at more than one job or otherwise appearing on more than one payroll would be counted separately for each appearance.

Other differences between the two surveys are described in "Comparing Employment Estimates from Household and Payroll Surveys," which may be obtained from the BLS upon request.

Seasonal adjustment

Over a course of a year, the size of the Nation's labor force and the levels of employment and unemployment undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. For example, the labor force increases by a large number each June, when schools close and many young people enter the job market. The effect of such seasonal variation can be very large; over the course of a year, for example, seasonality may account for as much as 95 percent of the month-to-month changes in unemployment.

Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make nonseasonal developments, such as declines in economic activity or

increases in the participation of women in the labor force, easier to spot. To return to the school's-out example, the large number of people entering the labor force each June is likely to obscure any other changes that have taken place since May, making it difficult to determine if the level of economic activity has risen or declined. However, because the effect of students finishing school in previous years is known, the statistics for the current year can be adjusted to allow for a comparable change. Insofar as the seasonal adjustment is made correctly, the adjusted figure provides a more useful tool with which to analyze changes in economic activity.

Measures of civilian labor force, employment, and unemployment contain components such as age and sex. Statistics for all employees, production workers, average weekly hours, and average hourly earnings include components based on the employer's industry. All these statistics can be seasonally adjusted either by adjusting the total or by adjusting each of the components and combining them. The second procedure usually yields more accurate information and is therefore followed by BLS. For example, the seasonally adjusted figure for the civilian labor force is the sum of eight seasonally adjusted employment components and four seasonally adjusted unemployment components; the total for unemployment is the sum of the four unemployment components; and the official unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the civilian labor force.

The numerical factors used to make the seasonal adjustments are recalculated regularly. For the household survey, the factors are calculated for the January-June period and again for the July-December period. The January revision is applied to data that have been published over the previous 5 years. For the establishment survey, updated factors for seasonal adjustment are calculated only once a year, along with the introduction of new benchmarks which are discussed at the end of the next section.

Sampling variability

Statistics based on the household and establishment surveys are subject to sampling error, that is, the estimate of the number of people employed and the other estimates drawn from these surveys probably differ from the figures that would be obtained from a complete census, even if the same questionnaires and procedures were used. In the household survey, the amount of the differences can be expressed in terms of standard errors. The numerical value of a standard error depends upon the size of the sample, the results of the survey, and other factors. However, the numerical value is always such that the chances are 68 out of 100 that an estimate based on the sample will differ by no more than the standard error from the results of a complete census. The chances are 90 out of 100 that an estimate based on the sample will differ by no more than 1.6 times the

standard error from the results of a complete census. At the 90-percent level of confidence—the confidence limits used by BLS in its analyses—the error for the monthly change in total employment is on the order of plus or minus 279,000; for total unemployment it is 194,000; and, for the overall unemployment rate, it is 0.19 percentage point. These figures do not mean that the sample results are off by these magnitudes but, rather, that the chances are 90 out of 100 that the “true” level or rate would not be expected to differ from the estimates by more than these amounts.

Sampling errors for monthly surveys are reduced when the data are cumulated for several months, such as quarterly or annually. Also, as a general rule, the smaller the estimate, the larger the sampling error. Therefore, relatively speaking, the estimate of the size of the labor force is subject to less error than is the estimate of the number unemployed. And, among the unemployed, the sampling error for the jobless rate of adult men, for example, is much smaller than is the error for the jobless rate of teenagers. Specifically, the error on monthly change in the jobless rate for men is .24 percentage point; for teenagers, it is 1.06 percentage points.

In the establishment survey, estimates for the 2 most current months are based on incomplete returns; for this reason, these estimates are labeled preliminary in the tables. When all the returns in the sample have been received, the estimates are revised. In other words, data for the month of September are published in preliminary form in October and November and in final form in December. To remove errors that build up over time, a comprehensive count of the employed is conducted each year. The results of this survey are used to establish new benchmarks—comprehensive counts of employment—against which month-to-month changes can be measured. The new benchmarks also incorporate changes in the classification of industries and allow for the formation of new establishments.

Additional statistics and other information

In order to provide a broad view of the Nation's employment situation, BLS regularly publishes a wide variety of data in this news release. More comprehensive statistics are contained in *Employment and Earnings*, published each month by BLS. It is available for \$2.75 per issue or \$22.00 per year from the U.S. Government Printing Office, Washington, D.C. 20204. A check or money order made out to the Superintendent of Documents must accompany all orders.

Employment and Earnings also provides approximations of the standard errors for the household survey data published in this release. For unemployment and other labor force categories, the standard errors appear in tables A through I of its “Explanatory Notes.” Measures of the reliability of the data drawn from the establishment survey and the actual amounts of revision due to benchmark adjustments are provided in tables L through Q of that publication.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-1. Employment status of the population by sex and age

(Numbers in thousands)

Employment, status, sex, and age	Not seasonally adjusted			Seasonally adjusted					
	Dec. 1979	Nov. 1980	Dec. 1980	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980	Dec. 1980
TOTAL									
Total noninstitutional population ¹	164,898	167,201	167,396	164,898	166,578	166,789	167,005	167,201	167,396
Armed Forces ¹	2,089	2,119	2,124	2,089	2,114	2,121	2,121	2,119	2,124
Civilian noninstitutional population ¹	162,809	165,082	165,272	162,809	164,464	164,667	164,884	165,082	165,272
Civilian labor force	103,884	105,287	104,778	104,053	104,945	104,980	105,167	105,285	105,067
Participation rate	63.8	63.8	63.4	63.9	63.8	63.8	63.8	63.8	63.6
Employed	98,047	97,801	97,545	97,781	97,603	97,180	97,206	97,339	97,282
Employment-population ratio ²	59.5	58.5	58.3	59.3	58.2	58.3	58.2	58.2	58.1
Agriculture	2,995	3,214	3,044	3,323	3,210	3,399	3,319	3,340	3,394
Nonagricultural industries	95,052	94,586	94,501	94,458	93,793	93,781	93,867	93,999	93,888
Unemployed	5,836	7,486	7,233	6,272	7,342	7,800	7,961	7,946	7,785
Unemployment rate	5.6	7.1	6.9	6.0	7.6	7.4	7.6	7.5	7.4
Not in labor force	58,925	59,795	60,494	58,756	59,519	59,687	59,717	59,797	60,205
Men, 16 years and over									
Total noninstitutional population ¹	79,009	80,091	80,183	79,009	79,798	79,897	80,000	80,091	80,183
Armed Forces ¹	1,939	1,954	1,959	1,939	1,951	1,958	1,956	1,954	1,959
Civilian noninstitutional population ¹	77,070	78,137	78,224	77,070	77,847	77,939	78,044	78,137	78,224
Civilian labor force	59,412	59,972	59,745	59,858	60,147	60,320	60,375	60,388	60,254
Participation rate	77.1	76.8	76.4	77.7	77.3	77.4	77.4	77.3	77.0
Employed	56,325	55,826	55,644	56,617	55,589	55,754	55,881	55,897	55,920
Employment-population ratio ²	71.3	69.7	69.4	71.7	69.8	69.8	69.8	69.8	69.7
Unemployed	3,087	4,146	4,100	3,241	4,558	4,566	4,498	4,491	4,334
Unemployment rate	5.2	6.9	6.9	5.4	7.6	7.6	7.4	7.4	7.2
Men, 20 years and over									
Total noninstitutional population ¹	70,594	71,768	71,875	70,594	71,430	71,544	71,661	71,768	71,875
Armed Forces ¹	1,654	1,673	1,677	1,654	1,674	1,680	1,674	1,673	1,677
Civilian noninstitutional population ¹	68,940	70,095	70,198	68,940	69,756	69,864	69,987	70,095	70,198
Civilian labor force	54,666	55,408	55,284	54,799	55,403	55,475	55,495	55,535	55,470
Participation rate	79.3	79.0	78.8	79.5	79.4	79.4	79.3	79.2	79.0
Employed	52,335	52,199	52,041	52,364	51,791	51,823	51,963	52,007	52,045
Employment-population ratio ²	74.1	72.7	72.4	74.2	72.5	72.4	72.5	72.5	72.4
Agriculture	2,292	2,375	2,228	2,404	2,301	2,389	2,351	2,372	2,331
Nonagricultural industries	50,043	49,824	49,812	49,960	49,490	49,434	49,612	49,635	49,714
Unemployed	2,331	3,209	3,244	2,435	3,612	3,652	3,532	3,532	3,425
Unemployment rate	4.3	5.8	5.9	4.4	6.5	6.6	6.4	6.4	6.2
Women, 16 years and over									
Total noninstitutional population ¹	85,889	87,110	87,213	85,889	86,780	86,892	87,006	87,110	87,213
Armed Forces ¹	150	165	165	150	163	163	165	165	165
Civilian noninstitutional population ¹	85,739	86,945	87,048	85,739	86,617	86,728	86,841	86,945	87,048
Civilian labor force	44,472	45,315	45,033	44,195	44,798	44,660	44,788	44,897	44,813
Participation rate	51.9	52.1	51.7	51.5	51.7	51.5	51.5	51.6	51.5
Employed	41,722	41,975	41,900	41,164	41,414	41,426	41,325	41,442	41,362
Employment-population ratio ²	48.6	48.2	48.0	47.9	47.7	47.7	47.5	47.6	47.4
Unemployed	2,749	3,340	3,133	3,031	3,384	3,234	3,463	3,455	3,451
Unemployment rate	6.2	7.4	7.0	6.9	7.6	7.2	7.7	7.7	7.7
Women, 20 years and over									
Total noninstitutional population ¹	77,666	78,979	79,097	77,666	78,607	78,732	78,860	78,979	79,097
Armed Forces ¹	124	137	137	124	134	135	137	137	137
Civilian noninstitutional population ¹	77,542	78,842	78,959	77,542	78,473	78,598	78,723	78,842	78,959
Civilian labor force	40,057	41,150	40,877	39,697	40,523	40,317	40,486	40,629	40,570
Participation rate	51.7	52.2	51.8	51.2	51.6	51.3	51.4	51.5	51.4
Employed	37,954	38,497	38,334	37,421	37,890	37,804	37,754	37,909	37,820
Employment-population ratio ²	48.9	48.7	48.5	48.2	48.2	48.0	47.5	48.0	47.8
Agriculture	466	532	545	570	555	592	576	574	665
Nonagricultural industries	37,487	37,964	37,788	36,851	37,335	37,212	37,178	37,335	37,155
Unemployed	2,104	2,653	2,544	2,276	2,633	2,513	2,732	2,720	2,750
Unemployment rate	5.3	6.4	6.2	5.7	6.5	6.2	6.7	6.7	6.8
Both sexes, 16-19 years									
Total noninstitutional population ¹	16,638	16,454	16,424	16,638	16,541	16,512	16,484	16,454	16,424
Armed Forces ¹	311	309	310	311	306	307	309	309	310
Civilian noninstitutional population ¹	16,326	16,145	16,114	16,326	16,235	16,205	16,174	16,145	16,114
Civilian labor force	9,160	9,730	9,616	9,557	9,019	9,188	9,186	9,117	9,027
Participation rate	56.1	54.1	53.5	58.5	55.5	56.7	56.6	56.5	56.0
Employed	7,759	7,105	7,170	7,996	7,322	7,553	7,465	7,423	7,417
Employment-population ratio ²	46.6	43.2	43.7	48.1	44.3	45.7	45.4	45.1	45.2
Agriculture	237	308	270	349	354	418	352	394	398
Nonagricultural industries	7,522	6,798	6,901	7,647	6,968	7,135	7,057	7,029	7,019
Unemployed	1,401	1,625	1,445	1,561	1,697	1,635	1,657	1,694	1,610
Unemployment rate	15.3	18.6	16.8	16.3	18.8	17.8	18.5	18.6	17.8

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).

NOTE: Seasonally adjusted data in this table have been revised. See note on page 6.

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Table A-2. Employment status of the population by race, sex, and age

(Numbers in thousands)

Employment status, race, sex, and age	Not seasonally adjusted			Seasonally adjusted					
	Dec. 1979	Nov. 1980	Dec. 1980	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980	Dec. 1980
WHITE									
Total noninstitutional population ¹	144,267	145,995	146,140	144,267	145,530	145,687	145,848	145,995	146,140
Armed Forces ¹	1,621	1,636	1,640	1,621	1,630	1,636	1,638	1,636	1,640
Civilian noninstitutional population ¹	142,645	144,359	144,500	142,645	143,900	144,051	144,211	144,359	144,500
Civilian labor force	91,509	92,585	92,179	91,509	92,288	92,317	92,516	92,562	92,383
Participation rate	64.2	64.1	63.8	64.3	64.1	64.1	64.2	64.1	63.9
Employed	86,993	86,785	86,590	86,809	86,067	86,307	86,371	86,409	86,377
Employment-population ratio ²	60.3	59.4	59.3	60.2	59.1	59.2	59.2	59.2	59.1
Unemployed	4,516	5,801	5,589	4,842	6,221	6,010	6,145	6,153	6,006
Unemployment rate	4.9	6.3	6.1	5.3	6.7	6.5	6.6	6.6	6.5
Men, 20 years and over									
Civilian labor force	48,725	49,355	49,268	48,860	49,356	49,415	49,461	49,481	49,449
Participation rate	79.7	79.6	79.3	80.0	79.9	79.9	79.9	79.8	79.6
Employed	46,906	46,837	46,691	46,961	46,500	46,556	46,660	46,684	46,728
Employment-population ratio ²	75.2	74.0	73.6	75.3	73.7	73.7	73.8	73.7	73.7
Unemployed	1,819	2,519	2,577	1,899	2,856	2,859	2,801	2,797	2,721
Unemployment rate	3.7	5.1	5.2	3.9	5.8	5.8	5.7	5.7	5.5
Women, 20 years and over									
Civilian labor force	34,571	35,444	35,214	34,246	34,846	34,765	34,663	34,972	34,910
Participation rate	51.0	51.6	51.2	50.5	50.9	50.7	50.8	50.9	50.7
Employed	32,975	33,448	33,317	32,516	32,823	32,841	32,845	32,944	32,858
Employment-population ratio ²	48.6	48.6	48.3	47.9	47.9	47.8	47.8	47.9	47.7
Unemployed	1,597	1,996	1,897	1,730	2,023	1,924	2,038	2,028	2,052
Unemployment rate	4.6	5.6	5.4	5.1	5.8	5.5	5.6	5.8	5.9
Both sexes, 16-19 years									
Civilian labor force	8,213	7,786	7,696	8,545	8,086	8,137	8,172	8,109	8,024
Participation rate	59.6	57.3	56.8	62.0	59.1	59.6	60.0	59.7	59.2
Employed	7,113	6,500	6,581	7,332	6,744	6,910	6,866	6,781	6,791
Employment-population ratio ²	50.7	47.0	47.7	52.3	48.5	49.8	49.6	49.1	49.2
Unemployed	1,100	1,286	1,115	1,213	1,342	1,227	1,306	1,328	1,233
Unemployment rate	13.4	16.5	14.5	14.2	16.6	15.1	16.0	16.4	15.4
Men	14.3	18.6	16.7	14.1	17.5	16.2	17.3	17.7	16.4
Women	12.5	14.3	12.2	14.3	15.5	13.8	14.5	14.9	14.2
BLACK AND OTHER									
Total noninstitutional population ¹	20,631	21,206	21,255	20,631	21,048	21,102	21,157	21,206	21,255
Armed Forces ¹	468	483	484	468	484	485	483	483	484
Civilian noninstitutional population ¹	20,163	20,723	20,771	20,163	20,564	20,617	20,673	20,723	20,771
Civilian labor force	12,374	12,702	12,599	12,421	12,630	12,677	12,666	12,706	12,668
Participation rate	61.4	61.3	60.7	61.6	61.4	61.5	61.4	61.3	61.0
Employed	11,054	11,016	10,955	10,993	10,902	10,894	10,884	10,922	10,895
Employment-population ratio ²	53.6	51.9	51.5	53.3	51.8	51.6	51.4	51.5	51.3
Unemployed	1,321	1,686	1,644	1,428	1,728	1,783	1,802	1,784	1,773
Unemployment rate	10.7	13.3	13.0	11.5	13.7	14.1	14.2	14.0	14.0
Men, 20 years and over									
Civilian labor force	5,941	6,052	6,016	5,935	6,049	6,064	6,030	6,042	6,015
Participation rate	75.9	75.0	74.4	75.8	75.7	75.6	75.0	74.9	74.4
Employed	5,429	5,362	5,349	5,400	5,291	5,266	5,300	5,315	5,315
Employment-population ratio ²	66.3	63.5	63.2	65.9	63.2	62.7	63.0	63.0	62.8
Unemployed	512	690	667	535	758	798	730	727	700
Unemployment rate	8.6	11.4	11.1	9.0	12.5	13.2	12.1	12.0	11.6
Women, 20 years and over									
Civilian labor force	5,486	5,706	5,663	5,462	5,629	5,568	5,646	5,652	5,654
Participation rate	56.0	56.5	55.9	55.8	56.2	55.5	56.1	56.0	55.9
Employed	4,979	5,049	5,016	4,915	5,017	4,978	4,953	4,965	4,956
Employment-population ratio ²	50.7	49.8	49.4	50.0	49.9	49.4	49.0	49.0	48.8
Unemployed	507	657	647	547	612	590	693	687	698
Unemployment rate	9.2	11.5	11.4	10.0	10.9	10.6	12.3	12.2	12.3
Both sexes, 16-19 years									
Civilian labor force	947	943	920	1,024	952	1,045	1,008	1,012	999
Participation rate	37.3	36.8	35.9	40.3	37.2	40.9	38.4	39.5	39.0
Employed	646	605	589	678	594	650	631	642	624
Employment-population ratio ²	24.7	23.0	22.4	25.9	22.6	24.7	24.0	24.4	23.7
Unemployed	301	339	330	346	358	395	377	370	375
Unemployment rate	31.8	35.9	35.9	33.8	37.6	37.8	37.4	36.6	37.5
Men	31.6	35.6	39.6	31.9	39.4	37.7	38.2	35.9	38.8
Women	32.0	36.3	31.7	35.6	35.7	37.9	36.4	37.4	36.1

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).

NOTE: Seasonally adjusted data in this table have been revised. See note on page 6.

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Table A-3. Selected employment indicators

(In thousands)

Category	Not seasonally adjusted		Seasonally adjusted					
	Dec. 1979	Dec. 1980	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980	Dec. 1980
CHARACTERISTIC								
Total employed, 16 years and over	98,047	97,545	97,781	97,003	97,180	97,206	97,339	97,282
Married men, spouse present	38,923	38,319	38,848	37,987	38,027	38,142	38,167	38,231
Married women, spouse present	23,547	23,552	23,054	23,126	23,027	22,993	23,065	23,063
Women who maintain families	4,768	4,798	4,687	4,721	4,703	4,701	4,707	4,716
OCCUPATION								
White-collar workers	50,683	51,733	49,980	51,307	51,074	51,101	51,148	51,065
Professional and technical	15,505	16,012	15,303	15,751	15,540	15,780	15,863	15,810
Managers and administrators, except farm	10,529	10,988	10,532	11,109	11,007	10,979	11,016	11,009
Sales workers	6,653	6,543	6,291	6,140	6,316	6,277	6,155	6,175
Clerical workers	17,997	18,189	17,854	18,307	18,211	18,065	18,114	18,071
Blue-collar workers	32,012	30,305	32,125	30,232	30,436	30,521	30,550	30,373
Craft and kindred workers	12,973	12,305	13,023	12,346	12,450	12,485	12,424	12,337
Operatives, except transport	11,035	10,310	10,931	10,147	10,202	10,210	10,247	10,194
Transport equipment operatives	3,644	3,437	3,614	3,478	3,434	3,443	3,429	3,402
Nonfarm laborers	4,360	4,253	4,557	4,261	4,310	4,383	4,450	4,440
Service workers	12,980	13,008	12,965	12,928	12,943	12,891	12,888	12,982
Farm workers	2,372	2,499	2,673	2,620	2,757	2,735	2,729	2,804
MAJOR INDUSTRY AND CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,237	1,225	1,433	1,282	1,417	1,363	1,417	1,411
Self-employed workers	1,526	1,587	1,594	1,640	1,668	1,640	1,612	1,655
Unpaid family workers	231	232	305	280	309	325	324	305
Nonagricultural industries:								
Wage and salary workers	87,942	87,158	87,324	86,490	86,395	86,587	86,643	86,513
Government	15,655	15,868	15,440	15,531	15,575	15,597	15,651	15,653
Private industries	72,286	71,290	71,884	70,959	70,820	70,990	70,992	70,860
Private households	1,264	1,147	1,225	1,196	1,125	1,144	1,148	1,110
Other industries	71,022	70,143	70,659	69,763	69,695	69,846	69,844	69,750
Self-employed workers	6,740	6,988	6,726	6,881	6,977	7,005	6,943	6,973
Unpaid family workers	370	355	412	403	416	417	405	396
PERSONS AT WORK¹								
Nonagricultural industries	91,913	91,219	89,052	88,195	88,246	88,488	88,694	88,468
Full-time schedules	74,773	73,948	72,947	71,526	71,929	72,071	72,265	72,131
Part time for economic reasons	3,279	3,893	3,541	4,143	4,183	4,220	4,176	4,218
Usually work full time	1,456	1,566	1,526	1,709	1,701	1,685	1,620	1,647
Usually work part time	1,823	2,327	2,015	2,434	2,482	2,535	2,556	2,571
Part time for noneconomic reasons	13,861	13,378	12,564	12,526	12,134	12,107	12,257	12,106

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

NOTE: Seasonally adjusted data in this table have been revised. See note on page 6.

Table A-4. Range of unemployment measures based on varying definitions of unemployment and the labor force, seasonally adjusted

(Percent)

Measure	Quarterly averages					Monthly data		
	1979					1980		
	IV	I	II	III	IV	Oct.	Nov.	Dec.
U-1 Persons unemployed 15 weeks or longer as a percent of the civilian labor force	1.2	1.3	1.6	2.0	2.2	2.2	2.2	2.3
U-2 Job losers as a percent of the civilian labor force	2.7	2.9	3.9	4.1	4.0	4.0	4.0	4.0
U-3 Unemployed persons 25 years and over as a percent of the civilian labor force 25 years and over	4.0	4.3	5.2	5.5	5.4	5.4	5.4	5.3
U-4 Unemployed full-time jobseekers as a percent of the full-time labor force	5.5	5.8	7.0	7.3	7.3	7.3	7.4	7.3
U-5 Total unemployed as a percent of the civilian labor force (official measure)	5.9	6.2	7.3	7.5	7.5	7.6	7.5	7.4
U-6 Total full-time jobseekers plus 1/2 part-time jobseekers plus 1/2 total on part time for economic reasons as a percent of the civilian labor force less 1/2 of the part-time labor force	7.5	7.9	9.2	9.6	9.6	9.6	9.6	9.5
U-7 Total full-time jobseekers plus 1/2 part-time jobseekers plus 1/2 total on part time for economic reasons plus discouraged workers as a percent of the civilian labor force plus discouraged workers less 1/2 of the part-time labor force	8.2	8.8	10.1	10.5	10.5	N.A.	N.A.	N.A.

N.A. = not available.

NOTE: Data in this table have been revised. See note on page 6.

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Table A-5. Major unemployment indicators, seasonally adjusted

Category	Number of unemployed persons (in thousands)		Unemployment rates					
	Dec. 1979	Dec. 1980	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980	Dec. 1980
CHARACTERISTIC								
Total, 18 years and over	6,272	7,785	6.0	7.6	7.4	7.6	7.5	7.4
Men, 20 years and over	2,435	3,425	4.4	6.5	6.6	6.4	6.4	6.2
Women, 20 years and over	2,276	2,750	5.7	6.5	6.2	6.7	6.7	6.8
Both sexes, 18-19 years	1,561	1,610	16.3	18.8	17.8	18.5	18.6	17.8
Married men, spouse present	1,196	1,722	3.0	4.8	4.7	4.6	4.4	4.3
Married women, spouse present	1,251	1,432	5.1	6.0	5.7	6.0	5.9	5.8
Women who maintain families	436	550	8.5	9.0	9.0	10.2	9.9	10.4
Full-time workers	4,911	6,549	5.5	7.3	7.3	7.3	7.4	7.3
Part-time workers	1,344	1,225	8.7	8.7	8.7	9.1	8.6	8.2
Labor force time lost ¹	--	--	6.5	8.3	8.2	8.4	8.3	8.2
OCCUPATION²								
White-collar workers	1,704	2,119	3.3	3.7	3.8	3.9	3.9	4.0
Professional and technical	351	429	2.2	2.4	2.5	2.6	2.5	2.6
Managers and administrators, except farm	225	277	2.1	2.5	2.4	2.5	2.4	2.5
Sales workers	261	307	4.0	4.2	4.3	4.6	4.8	4.7
Clerical workers	867	1,106	4.6	5.4	5.4	5.6	5.6	5.8
Blue-collar workers	2,616	3,554	7.5	11.1	10.8	10.8	10.7	10.5
Craft and kindred workers	632	944	4.6	7.6	7.4	7.1	7.1	7.1
Operatives, except transport	1,124	1,510	9.3	13.3	13.0	13.2	13.0	12.9
Transport equipment operatives	202	327	5.3	9.8	10.4	10.6	10.6	8.8
Nonfarm laborers	658	773	12.6	16.1	15.2	15.3	15.0	14.8
Service workers	948	1,092	6.8	8.5	8.1	8.3	8.3	7.8
Farm workers	118	117	4.2	5.5	4.3	4.4	4.0	4.0
INDUSTRY²								
Nonagricultural private wage and salary workers ³	4,550	5,931	6.0	8.0	7.8	7.8	7.8	7.7
Construction	594	688	11.2	17.3	15.9	14.6	14.8	13.8
Manufacturing	1,401	2,009	6.1	9.3	9.2	9.2	8.9	8.8
Durable goods	808	1,248	5.8	10.1	10.0	9.5	9.0	8.0
Nondurable goods	593	761	6.5	8.0	7.9	8.9	8.6	8.5
Transportation and public utilities	235	274	4.2	5.6	5.3	5.3	4.9	4.9
Wholesale and retail trade	1,213	1,574	6.4	7.7	7.7	7.8	8.2	8.3
Finance and service industries	1,070	1,287	4.7	5.5	5.4	5.6	5.5	5.5
Government workers	598	670	3.7	4.0	4.1	4.4	4.2	4.1
Agricultural wage and salary workers	152	167	9.6	13.2	10.7	11.1	10.1	10.6

¹ Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

² Unemployment by occupation includes all experienced unemployed persons, whereas that by

industry covers only unemployed wage and salary workers.

³ Includes mining, not shown separately.

NOTE: Data in this table have been revised. See note on page 6.

Table A-6. Duration of unemployment

(Numbers in thousands)

Weeks of unemployment	Not seasonally adjusted		Seasonally adjusted					
	Dec. 1979	Dec. 1980	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980	Dec. 1980
DURATION								
Less than 5 weeks	2,608	2,716	2,984	3,255	3,042	3,186	3,108	3,115
5 to 14 weeks	2,055	2,274	2,000	2,533	2,566	2,500	2,524	2,217
15 weeks and over	1,173	2,242	1,247	2,150	2,295	2,292	2,329	2,378
15 to 26 weeks	689	1,199	717	1,239	1,366	1,256	1,213	1,231
27 weeks and over	484	1,044	530	911	929	1,036	1,116	1,147
Average (mean) duration, in weeks	11.0	14.0	10.6	12.5	13.0	13.3	13.6	13.5
Median duration, in weeks	6.1	7.9	5.6	7.4	8.0	7.5	7.7	7.3
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	44.7	37.6	47.9	41.0	38.4	39.9	39.0	40.4
5 to 14 weeks	35.2	31.4	32.1	31.9	32.6	31.3	31.7	28.8
15 weeks and over	20.1	31.0	20.0	27.1	29.0	28.7	29.3	30.8
15 to 26 weeks	11.8	16.6	11.5	15.6	17.2	15.7	15.2	16.0
27 weeks and over	8.3	14.4	8.5	11.5	11.7	13.0	14.0	14.9

NOTE: Seasonally adjusted data in this table have been revised. See note on page 6.

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Table A-7. Reason for unemployment

(Numbers in thousands)

Reason	Not seasonally adjusted		Seasonally adjusted					
	Dec. 1979	Dec. 1980	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980	Dec. 1980
NUMBER OF UNEMPLOYED								
Lost last job	2,794	4,143	2,828	4,319	4,387	4,240	4,229	4,226
On layoff	969	1,413	993	1,699	1,744	1,692	1,453	1,470
Other job losers	1,825	2,730	1,835	2,620	2,643	2,548	2,776	2,756
Left last job	724	721	812	890	855	870	897	813
Reentered labor force	1,607	1,664	1,810	1,883	1,844	2,013	1,896	1,869
Seeking first job	710	704	876	870	862	880	890	868
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	47.9	57.2	44.7	54.2	55.2	53.0	53.5	54.3
On layoff	16.6	19.5	15.7	21.3	21.9	21.1	18.4	18.9
Other job losers	31.3	37.7	29.0	32.9	33.3	31.8	35.1	35.4
Job leavers	12.4	10.0	12.8	11.2	10.8	10.9	11.3	10.5
Reentrants	27.5	23.0	28.6	23.6	23.2	25.2	24.0	24.0
New entrants	12.2	9.7	13.8	10.9	10.8	11.0	11.2	11.2
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers	2.7	3.9	2.7	4.1	4.2	4.0	4.0	4.0
Job leavers7	.7	.8	.8	.8	.8	.9	.8
Reentrants	1.5	1.6	1.7	1.8	1.8	1.9	1.8	1.8
New entrants7	.7	.8	.8	.8	.8	.8	.8

NOTE: Seasonally adjusted data in this table have been revised. See note on page 6.

Table A-8. Unemployment by sex and age, seasonally adjusted

Sex and age	Number of unemployed persons (in thousands)		Unemployment rates					
	Dec. 1979	Dec. 1980	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980	Dec. 1980
Total, 16 years and over								
16 to 24 years	6,272	7,785	6.0	7.6	7.4	7.6	7.5	7.4
16 to 24 years	3,100	3,419	12.4	14.5	14.2	14.6	14.5	14.0
16 to 19 years	1,561	1,610	16.3	18.8	17.8	18.5	18.6	17.8
16 to 17 years	741	723	18.4	22.1	20.1	20.5	21.4	19.9
18 to 19 years	815	881	14.7	16.5	16.0	16.7	16.5	16.4
20 to 24 years	1,539	1,809	10.0	12.0	12.0	12.3	12.1	11.7
25 years and over	3,134	4,302	4.0	5.4	5.4	5.4	5.4	5.3
25 to 54 years	2,747	3,835	4.3	5.9	5.9	5.9	5.9	5.8
55 years and over	417	512	2.8	3.4	3.4	3.4	3.3	3.5
Men, 16 years and over								
16 to 24 years	3,241	4,334	5.4	7.6	7.6	7.4	7.4	7.2
16 to 24 years	1,624	1,941	12.2	15.9	15.5	16.0	15.6	14.9
16 to 19 years	806	909	15.9	19.9	18.9	19.8	19.8	19.0
16 to 17 years	399	400	18.4	23.7	21.2	21.8	22.3	20.5
18 to 19 years	399	501	13.8	17.1	16.9	18.1	17.8	17.8
20 to 24 years	818	1,032	9.9	13.6	13.5	13.8	13.2	12.5
25 years and over	1,573	2,324	3.4	5.3	5.4	5.1	5.1	4.9
25 to 54 years	1,351	2,073	3.6	5.7	6.0	5.6	5.6	5.4
55 years and over	247	292	2.7	3.6	3.5	3.3	3.3	3.3
Women, 16 years and over								
16 to 24 years	3,031	3,451	6.9	7.6	7.2	7.7	7.7	7.7
16 to 24 years	1,476	1,478	12.8	13.0	12.7	13.0	13.2	13.0
16 to 19 years	755	701	16.8	17.6	16.6	17.0	17.2	16.5
16 to 17 years	342	323	18.4	20.2	18.8	15.8	20.3	19.3
18 to 19 years	416	380	15.7	15.9	15.1	15.1	15.1	14.8
20 to 24 years	721	777	10.2	10.2	10.2	10.6	10.8	10.8
25 years and over	1,561	1,978	4.8	5.7	5.4	5.9	5.8	5.5
25 to 54 years	1,396	1,762	5.2	6.2	5.9	6.4	6.2	6.3
55 years and over	170	220	2.9	3.1	3.3	3.4	3.4	3.9

NOTE: Data in this table have been revised. See note on page 6.

HOUSEHOLD DATA

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Table A-9. Employment status of the black and Hispanic-origin population

(Numbers in thousands)

Employment status	Not seasonally adjusted		Seasonally adjusted					
	Dec. 1979	Dec. 1980	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980	Dec. 1980
BLACK¹								
Civilian noninstitutional population	17,205	17,610	17,205	17,477	17,515	17,545	17,579	17,610
Civilian labor force	10,457	10,627	10,498	10,653	10,688	10,701	10,716	10,693
Participation rate	60.8	60.3	61.0	61.0	61.0	61.0	61.0	60.7
Employed	9,276	9,128	9,219	9,096	9,067	9,070	9,097	9,072
Unemployed	1,180	1,499	1,279	1,557	1,621	1,631	1,619	1,621
Unemployment rate	11.3	14.1	12.2	14.6	15.2	15.2	15.1	15.2
Not in labor force	6,749	6,984	6,707	6,824	6,827	6,844	6,863	6,917
HISPANIC ORIGIN²								
Civilian noninstitutional population	7,953	8,764	7,953	8,839	8,818	8,759	8,824	8,764
Civilian labor force	5,113	5,542	5,232	5,548	5,551	5,585	5,696	5,668
Participation rate	64.3	63.2	65.8	62.8	63.0	63.8	64.6	64.7
Employed	4,646	5,003	4,754	4,562	4,939	4,592	5,116	5,114
Unemployed	467	539	478	586	612	557	580	554
Unemployment rate	9.1	9.7	9.1	10.6	11.0	10.7	10.2	9.8
Not in labor force	2,840	3,222	2,721	3,291	3,267	3,170	3,128	3,096

¹ Data relate to black workers only. In the 1970 census, they constituted about 80 percent of the "black and other" population group.

² Data on persons of Hispanic ethnicity are collected independently of racial data. In the 1970 census, approximately 96 percent of their population was white.

NOTE: Seasonally adjusted data in this table have been revised. See note on page 6.

Table A-10. 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			
	Dec. 1979	Dec. 1980					Number		Percent of labor force	
	Dec. 1979	Dec. 1980	Dec. 1979	Dec. 1980	Dec. 1979	Dec. 1980	Dec. 1979	Dec. 1980	Dec. 1979	Dec. 1980
VETERANS¹										
Total, 20 years and over	8,560	8,662	8,121	8,205	7,787	7,725	334	480	4.1	5.9
20 to 24 years	459	237	416	228	371	191	45	37	10.8	16.2
25 to 29 years	7,196	7,324	6,926	7,011	6,656	6,606	270	405	3.9	5.8
30 to 34 years	1,846	1,607	1,741	1,490	1,626	1,360	115	130	6.6	8.7
35 to 39 years	3,623	3,504	3,519	3,372	3,421	3,195	98	177	2.8	5.2
40 years and over	1,727	2,213	1,666	2,149	1,609	2,051	57	98	3.4	4.6
	905	1,101	779	966	760	928	19	38	2.4	3.9
NONVETERANS²										
Total, 25 to 39 years	14,998	15,864	14,268	15,033	13,675	14,152	593	881	4.2	5.9
25 to 29 years	6,860	7,238	6,489	6,823	6,210	6,327	279	496	4.3	7.3
30 to 34 years	4,340	4,861	4,154	4,635	3,968	4,382	186	253	4.5	5.5
35 to 39 years	3,798	3,765	3,625	3,575	3,497	3,443	128	132	3.5	3.7

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.

HOUSEHOLD DATA

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Table A-11. Persons not in labor force by reason, sex, and race, quarterly averages

(In thousands)

Reason, sex, and race	Not seasonally adjusted		Seasonally adjusted				
	1979	1980	1979	1980			
	IV	IV	IV	I	II	III	IV
TOTAL							
Total not in labor force	58,744	59,919	58,850	58,999	59,111	59,493	59,906
Do not want a job now	53,716	54,676	53,574	53,573	53,851	54,231	54,521
Current activity:							
Going to school	7,677	7,908	6,037	6,038	6,185	6,594	6,224
Ill, disabled	4,444	4,217	4,534	4,627	4,446	4,124	4,293
Keeping house	28,440	28,643	28,659	28,376	28,688	28,646	28,842
Retired	10,650	10,699	10,254	10,578	10,538	10,917	10,538
Other	3,106	3,209	4,090	3,954	3,994	3,950	4,224
Want a job now	5,026	5,244	5,333	5,548	5,431	5,605	5,586
Reason not looking:							
School attendance	1,414	1,399	1,478	1,453	1,461	1,517	1,466
Ill health, disability	768	695	785	771	728	759	710
Home responsibilities	1,167	1,098	1,245	1,335	1,195	1,235	1,179
Think cannot get a job	700	973	766	949	921	961	1,055
Job-market factors ¹	438	658	465	603	626	669	697
Personal factors ²	262	316	301	345	294	292	358
Other reasons ³	977	1,078	1,058	1,040	1,127	1,133	1,176
Men							
Total not in labor force	17,502	18,184	17,220	17,296	17,344	17,607	17,795
Do not want a job now	15,910	16,523	15,482	15,570	15,663	15,942	16,081
Want a job now	1,591	1,661	1,731	1,710	1,753	1,825	1,827
Reason not looking:							
School attendance	699	688	733	699	745	765	720
Ill health, disability	334	286	355	324	338	338	307
Think cannot get a job	243	305	291	347	319	367	370
Other reasons ³	315	383	353	340	351	355	430
Women							
Total not in labor force	41,242	41,735	41,630	41,702	41,769	41,886	42,111
Do not want a job now	37,807	38,152	38,092	38,003	38,188	38,288	38,441
Want a job now	3,435	3,583	3,602	3,838	3,678	3,780	3,759
Reason not looking:							
School attendance	714	711	746	754	716	751	746
Ill health, disability	435	409	430	447	390	421	403
Home responsibilities	1,167	1,098	1,245	1,335	1,195	1,235	1,179
Think cannot get a job	457	669	475	602	601	594	685
Other reasons ³	662	695	705	700	776	778	746
White							
Total not in labor force	51,036	51,876	51,122	51,138	51,182	51,594	51,870
Do not want a job now	47,205	47,985	46,973	46,874	47,198	47,545	47,744
Want a job now	3,831	3,891	4,042	4,259	4,094	4,139	4,124
Reason not looking:							
School attendance	1,044	999	1,113	1,051	1,087	1,084	1,059
Ill health, disability	535	512	527	559	533	514	513
Home responsibilities	927	846	985	1,104	940	957	907
Think cannot get a job	518	644	551	673	611	681	686
Other reasons ³	808	890	866	871	923	903	960
Black and other							
Total not in labor force	7,708	8,044	7,711	7,870	7,918	7,912	8,036
Do not want a job now	6,512	6,691	6,460	6,544	6,581	6,449	6,642
Want a job now	1,196	1,351	1,236	1,322	1,315	1,526	1,402
Reason not looking:							
School attendance	370	401	369	400	357	461	406
Ill health, disability	233	182	236	228	205	228	187
Home responsibilities	240	252	258	243	239	285	269
Think cannot get a job	183	329	197	296	292	293	354
Other reasons ³	170	187	176	155	221	258	186

¹ Job market factors include "could not find job" and "thinks no job available."² "Other personal handicap."³ Personal factors include "employers think too young or old," "lack education or training," and³ Includes small number of men not looking for work because of home responsibilities.

NOTE: Seasonally adjusted data in this table have been revised. See note on page 8.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-12. Employment status of the noninstitutional population for the ten largest States

(Numbers in thousands)

State and employment status	Not seasonally adjusted ^a			Seasonally adjusted					
	Dec. 1979	Nov. 1980	Dec. 1980	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980	Dec. 1980
California									
Civilian noninstitutional population ¹	16,925	17,236	17,264	16,925	17,152	17,180	17,208	17,236	17,264
Civilian labor force	11,195	11,309	11,217	11,178	11,371	11,217	11,243	11,329	11,168
Employed	10,521	10,512	10,512	10,481	10,544	10,441	10,437	10,486	10,440
Unemployed	675	797	704	697	827	776	806	843	728
Unemployment rate	6.0	7.0	6.3	6.2	7.3	6.9	7.2	7.4	6.5
Florida									
Civilian noninstitutional population ¹	6,852	7,044	7,061	6,852	6,992	7,009	7,026	7,044	7,061
Civilian labor force	3,764	3,978	3,967	3,802	3,894	3,884	3,923	4,014	4,026
Employed	3,569	3,760	3,768	3,598	3,652	3,649	3,674	3,805	3,815
Unemployed	194	218	199	204	242	235	249	209	211
Unemployment rate	5.2	5.5	5.0	5.4	6.2	6.1	6.3	5.2	5.2
Illinois									
Civilian noninstitutional population ¹	8,285	8,345	8,349	8,285	8,327	8,333	8,340	8,345	8,349
Civilian labor force	5,474	5,512	5,514	5,454	5,348	5,435	5,469	5,500	5,498
Employed	5,135	5,066	5,021	5,105	4,889	4,955	4,965	5,029	4,983
Unemployed	339	446	493	349	459	480	504	471	515
Unemployment rate	6.2	8.1	8.9	6.4	8.6	8.8	9.2	8.6	9.4
Massachusetts									
Civilian noninstitutional population ¹	4,389	4,430	4,434	4,389	4,419	4,423	4,427	4,430	4,434
Civilian labor force	2,852	2,948	2,955	2,879	2,880	2,935	2,999	2,975	2,977
Employed	2,708	2,812	2,826	2,719	2,721	2,764	2,800	2,825	2,836
Unemployed	144	136	129	160	159	171	199	150	141
Unemployment rate	5.1	4.6	4.4	5.6	5.5	5.8	6.6	5.0	4.7
Michigan									
Civilian noninstitutional population ¹	6,755	6,830	6,837	6,755	6,810	6,817	6,824	6,830	6,837
Civilian labor force	4,323	4,321	4,303	4,345	4,365	4,331	4,335	4,304	4,297
Employed	3,955	3,782	3,779	3,968	3,823	3,779	3,755	3,742	3,749
Unemployed	368	540	524	377	542	552	580	562	548
Unemployment rate	8.5	12.5	12.2	8.7	12.4	12.7	13.4	13.1	12.8
New Jersey									
Civilian noninstitutional population ¹	5,532	5,584	5,588	5,532	5,569	5,574	5,579	5,584	5,588
Civilian labor force	3,590	3,574	3,587	3,568	3,556	3,483	3,562	3,563	3,558
Employed	3,376	3,316	3,316	3,335	3,311	3,234	3,301	3,289	3,268
Unemployed	214	258	271	233	245	249	261	274	290
Unemployment rate	6.0	7.2	7.5	6.5	6.9	7.1	7.3	7.7	8.2
New York									
Civilian noninstitutional population ¹	13,294	13,328	13,330	13,294	13,320	13,322	13,326	13,328	13,330
Civilian labor force	8,111	7,933	7,916	8,114	8,025	7,935	7,999	7,954	7,883
Employed	7,546	7,364	7,366	7,525	7,391	7,375	7,403	7,378	7,308
Unemployed	565	568	549	589	634	560	596	576	575
Unemployment rate	7.0	7.2	6.9	7.3	7.9	7.1	7.5	7.2	7.3
Ohio									
Civilian noninstitutional population ¹	7,944	8,006	8,010	7,944	7,989	7,994	8,000	8,006	8,010
Civilian labor force	5,082	5,126	5,006	5,069	5,140	5,141	5,158	5,081	4,984
Employed	4,815	4,673	4,581	4,775	4,677	4,675	4,722	4,600	4,521
Unemployed	267	453	425	294	463	466	436	481	463
Unemployment rate	5.2	8.8	8.5	5.8	9.0	9.1	8.5	9.5	9.3
Pennsylvania									
Civilian noninstitutional population ¹	8,920	8,974	8,978	8,920	8,960	8,964	8,970	8,974	8,978
Civilian labor force	5,331	5,444	5,347	5,304	5,391	5,408	5,444	5,426	5,334
Employed	4,978	5,037	4,947	4,930	4,946	4,992	5,025	5,002	4,909
Unemployed	354	407	400	374	445	416	419	424	425
Unemployment rate	6.6	7.5	7.5	7.1	8.3	7.7	7.7	7.8	8.0
Texas									
Civilian noninstitutional population ¹	9,618	9,822	9,840	9,618	9,767	9,785	9,804	9,822	9,840
Civilian labor force	6,327	6,527	6,496	6,342	6,527	6,522	6,487	6,512	6,496
Employed	6,102	6,163	6,180	6,092	6,168	6,218	6,180	6,144	6,152
Unemployed	226	364	316	250	359	304	307	368	344
Unemployment rate	3.6	5.6	4.9	3.9	5.5	4.7	4.7	5.7	5.3

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

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

NOTE: Revised seasonal factors are not yet available for States. The seasonally adjusted series will be revised for the release of January data on February 6, 1981.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-1. Employees on nonagricultural payrolls by industry

(In thousands)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Dec. 1979	Oct. 1980	Nov. p 1980	Dec. p 1980	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. p 1980	Dec. p 1980
TOTAL	91,394	91,332	91,652	91,832	90,678	90,142	90,384	90,710	90,917	91,122
GOODS-PRODUCING	26,508	26,041	26,037	25,837	26,590	25,312	25,476	25,636	25,804	25,916
MINING	985	1,039	1,055	1,063	992	1,013	1,028	1,037	1,054	1,070
CONSTRUCTION	4,536	4,700	4,611	4,421	4,615	4,359	4,404	4,442	4,468	4,497
MANUFACTURING	20,987	20,302	20,371	20,353	20,983	19,940	20,044	20,157	20,282	20,349
<i>Production workers</i>	14,964	14,204	14,260	14,244	14,956	13,872	13,972	14,065	14,180	14,237
DURABLE GOODS	12,733	12,100	12,198	12,212	12,706	11,860	11,955	12,043	12,147	12,185
<i>Production workers</i>	9,040	8,343	8,430	8,437	9,009	8,123	8,212	8,288	8,381	8,407
Lumber and wood products	737.4	686.9	682.9	676.9	746	662	674	677	683	685
Furniture and fixtures	501.8	470.3	473.1	476.4	497	456	464	466	468	472
Stone, clay, and glass products	697.4	665.5	666.7	654.2	704	648	655	656	661	660
Primary metal industries	1,209.9	1,093.1	1,109.2	1,120.7	1,219	1,059	1,074	1,096	1,116	1,129
Fabricated metal products	1,725.2	1,604.6	1,615.3	1,615.8	1,718	1,569	1,587	1,595	1,606	1,609
Machinery, except electrical	2,471.6	2,456.7	2,475.4	2,488.6	2,459	2,437	2,452	2,469	2,475	2,476
Electric and electronic equipment	2,171.9	2,119.3	2,138.8	2,146.7	2,163	2,083	2,091	2,107	2,124	2,138
Transportation equipment	2,079.3	1,885.7	1,913.6	1,916.4	2,057	1,840	1,851	1,873	1,902	1,896
Instruments and related products	698.8	695.9	701.7	705.6	698	697	697	697	702	705
Miscellaneous manufacturing	439.4	422.1	421.0	410.3	445	409	410	407	410	415
NONDURABLE GOODS	8,254	8,202	8,173	8,141	8,277	8,080	8,089	8,114	8,135	8,164
<i>Production workers</i>	5,924	5,861	5,830	5,807	5,947	5,749	5,760	5,777	5,799	5,830
Food and kindred products	1,706.2	1,738.8	1,691.5	1,655.4	1,724	1,690	1,672	1,682	1,681	1,672
Tobacco manufacturers	70.8	76.4	75.6	70.9	66	67	68	69	71	67
Textile mill products	889.7	856.8	850.0	860.5	889	851	851	856	857	860
Apparel and other textile products	1,287.1	1,307.5	1,306.0	1,292.6	1,296	1,296	1,299	1,292	1,294	1,302
Paper and allied products	705.9	690.7	692.2	695.1	708	682	686	690	692	696
Printing and publishing	1,268.5	1,272.2	1,280.0	1,297.5	1,261	1,266	1,269	1,272	1,277	1,290
Chemicals and allied products	1,114.2	1,104	1,106.9	1,110.6	1,118	1,100	1,104	1,105	1,109	1,115
Petroleum and coal products	210.6	210.4	210.3	207.3	213	208	208	209	209	209
Rubber and misc. plastics products	755.6	703.4	709.0	713.1	756	680	692	699	705	714
Leather and leather products	245.2	240.6	241.2	237.8	246	240	240	240	240	239
SERVICE-PRODUCING	64,886	65,291	65,615	65,995	64,088	64,830	64,908	65,074	65,113	65,206
TRANSPORTATION AND PUBLIC UTILITIES	5,240	5,178	5,159	5,161	5,212	5,129	5,124	5,147	5,133	5,135
WHOLESALE AND RETAIL TRADE	21,114	20,708	20,924	21,301	20,448	20,589	20,620	20,641	20,647	20,626
WHOLESALE TRADE	5,264	5,313	5,313	5,318	5,251	5,263	5,280	5,292	5,297	5,302
RETAIL TRADE	15,850	15,395	15,611	15,983	15,197	15,326	15,340	15,349	15,350	15,324
FINANCE, INSURANCE, AND REAL ESTATE	5,047	5,204	5,217	5,224	5,064	5,180	5,194	5,214	5,227	5,240
SERVICES	17,271	17,949	17,933	17,935	17,362	17,788	17,861	17,913	17,951	18,025
GOVERNMENT	16,214	16,252	16,382	16,374	16,002	16,144	16,109	16,159	16,155	16,180
FEDERAL	2,770	2,774	2,779	2,788	2,773	2,828	2,765	2,788	2,793	2,808
STATE AND LOCAL	13,444	13,478	13,603	13,586	13,229	13,316	13,344	13,371	13,362	13,372

p=preliminary.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-2. Average weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry

Industry	Not seasonally adjusted				Seasonally adjusted					
	Dec. 1979	Oct. 1980	Nov. 1980 ^p	Dec. 1980 ^p	Dec. 1979	Aug. 1980	Sept. 1980	Oct. 1980	Nov. 1980 ^p	Dec. 1980 ^p
TOTAL PRIVATE	35.9	35.3	35.3	35.7	35.7	35.1	35.2	35.3	35.4	35.4
MINING	43.9	43.5	43.5	44.1	(²)	(²)	(²)	(²)	(²)	(²)
CONSTRUCTION	37.2	37.9	36.7	37.0	37.2	36.5	37.4	37.0	37.1	37.0
MANUFACTURING	40.9	39.8	40.2	41.0	40.2	39.4	39.6	39.7	39.9	40.2
Overtime hours	3.4	2.9	3.1	3.3	3.2	2.7	2.7	2.8	2.9	3.1
DURABLE GOODS	41.6	40.3	40.7	41.7	40.7	39.9	40.1	40.1	40.5	40.8
Overtime hours	3.5	2.9	3.1	3.4	3.2	2.6	2.7	2.8	3.0	3.2
Lumber and wood products	39.2	39.2	39.2	39.7	39.0	38.9	38.8	38.7	39.3	39.5
Furniture and fixtures	39.9	38.5	38.4	39.5	38.9	37.4	38.0	38.0	38.0	38.5
Stone, clay, and glass products	41.8	41.3	41.4	41.5	41.5	40.3	40.9	40.9	41.1	41.2
Primary metal industries	40.9	39.9	40.7	41.6	40.7	39.2	39.7	40.1	40.8	41.4
Fabricated metal products	41.9	40.5	40.8	41.7	40.9	40.1	40.4	40.4	40.5	40.7
Machinery, except electrical	42.7	40.7	41.3	42.4	41.5	40.8	40.9	40.7	41.0	41.2
Electric and electronic equipment	41.3	39.9	40.4	41.1	40.5	39.4	39.5	39.9	40.0	40.3
Transportation equipment	42.7	41.1	41.7	43.7	40.9	40.9	40.6	40.8	41.4	41.9
Instruments and related products	41.7	40.3	41.1	41.6	41.0	40.1	40.1	40.2	40.7	40.9
Miscellaneous manufacturing	39.5	38.9	39.2	39.7	39.0	38.6	38.9	38.7	38.7	39.2
NONDURABLE GOODS	39.9	39.1	39.3	39.9	39.4	38.7	38.8	39.0	39.0	39.5
Overtime hours	3.2	2.9	3.0	3.1	3.1	2.8	2.7	2.8	2.9	3.0
Food and kindred products	40.4	39.7	40.2	40.6	39.9	39.8	39.7	39.6	39.9	40.1
Tobacco manufacturers	39.4	40.1	40.0	39.2	38.5	37.3	37.5	39.5	38.9	38.3
Textile mill products	41.5	39.9	40.3	41.1	41.0	39.2	39.7	39.9	40.0	40.6
Apparel and other textile products	35.9	35.4	35.4	35.9	35.6	35.1	35.1	35.3	35.0	35.6
Paper and allied products	43.5	42.2	42.7	43.7	42.8	41.8	42.2	42.2	42.5	43.0
Printing and publishing	38.1	37.2	37.2	38.2	37.4	37.1	36.9	37.1	36.8	37.5
Chemicals and allied products	42.2	41.4	42.0	42.4	41.8	41.0	41.3	41.4	41.7	42.0
Petroleum and coal products	43.5	43.7	43.4	42.9	43.4	42.2	42.7	43.1	43.0	42.8
Rubber and misc. plastics products	40.7	40.7	41.0	41.5	40.0	40.2	40.1	40.4	40.7	40.8
Leather and leather products	37.3	36.5	36.4	37.1	37.0	36.5	36.2	36.5	36.3	36.8
TRANSPORTATION AND PUBLIC UTILITIES	40.0	39.8	39.9	40.0	(²)	(²)	(²)	(²)	(²)	(²)
WHOLESALE AND RETAIL TRADE	32.9	32.1	32.0	32.5	32.6	32.0	32.1	32.2	32.2	32.2
WHOLESALE TRADE	39.1	38.7	38.5	38.9	38.9	38.2	38.5	38.5	38.5	38.7
RETAIL TRADE	31.0	30.0	30.0	30.6	30.6	30.1	30.1	30.2	30.2	30.1
FINANCE, INSURANCE, AND REAL ESTATE	36.4	36.3	36.3	36.2	(²)	(²)	(²)	(²)	(²)	(²)
SERVICES	32.8	32.6	32.6	32.7	32.8	32.6	32.5	32.6	32.7	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.

² This series is not seasonally adjusted since the seasonal component is small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

p = preliminary.

c = corrected.

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			
	Dec. 1979	Oct. 1980	Nov. p 1980	Dec. p 1980	Dec. 1979	Oct. 1980	Nov. p 1980	Dec. p 1980
TOTAL PRIVATE	\$6.38	\$6.86	\$6.92	\$6.94	\$229.04	\$242.16	\$244.28	\$247.76
<i>Seasonally adjusted</i>	6.39	6.83	6.91	6.95	228.12	241.10	244.61	246.03
MINING	8.75	9.37	9.52	9.51	384.13	407.60	414.12	419.39
CONSTRUCTION	9.58	10.25	10.24	10.32	356.38	388.48	375.81	381.84
MANUFACTURING	6.97	7.49	7.59	7.70	285.07	298.10	305.12	315.70
DURABLE GOODS	7.42	8.02	8.13	8.26	308.67	323.21	330.89	344.44
Lumber and wood products	6.24	6.76	6.79	6.77	244.61	264.99	266.17	268.77
Furniture and fixtures	5.26	5.59	5.63	5.71	209.87	215.22	216.19	225.55
Stone, clay, and glass products	7.11	7.74	7.83	7.83	297.20	319.66	324.16	324.95
Primary metal industries	9.28	10.09	10.30	10.44	379.55	402.59	419.21	434.30
Fabricated metal products	7.14	7.68	7.75	7.84	299.17	311.04	316.20	326.93
Machinery, except electrical	7.63	8.36	8.44	8.55	325.80	340.25	348.57	362.52
Electric and electronic equipment	6.64	7.20	7.29	7.40	274.23	287.28	294.52	304.14
Transportation equipment	8.93	9.77	9.88	10.17	381.31	401.55	412.00	444.43
Instruments and related products	6.50	6.95	7.01	7.09	271.05	280.09	288.11	294.94
Miscellaneous manufacturing	5.20	5.55	5.60	5.70	205.40	215.90	219.52	226.29
NONDURABLE GOODS	6.26	6.72	6.79	6.85	249.77	262.75	266.85	273.32
Food and kindred products	6.55	6.95	7.08	7.12	264.62	275.92	284.62	289.07
Tobacco manufacturers	6.98	7.56	7.74	8.18	275.01	303.16	309.60	320.66
Textile mill products	4.87	5.26	5.29	5.34	202.11	209.87	213.19	219.47
Apparel and other textile products	4.38	4.73	4.75	4.79	157.24	167.44	168.15	171.96
Paper and allied products	7.50	8.09	8.19	8.26	326.25	341.40	349.71	360.96
Printing and publishing	7.21	7.75	7.82	7.87	274.70	288.30	290.90	300.63
Chemicals and allied products	7.92	8.52	8.57	8.64	334.22	352.73	359.94	366.34
Petroleum and coal products	9.48	10.39	10.51	10.31	412.38	454.04	456.13	442.30
Rubber and misc. plastics products	6.21	6.70	6.80	6.88	252.75	272.69	278.80	285.52
Leather and leather products	4.35	4.64	4.67	4.71	162.26	169.36	169.99	174.74
TRANSPORTATION AND PUBLIC UTILITIES	8.54	9.20	9.26	9.30	341.60	366.16	369.47	372.00
WHOLESALE AND RETAIL TRADE	5.18	5.59	5.63	5.62	170.42	179.44	180.16	182.65
WHOLESALE TRADE	6.69	7.10	7.19	7.25	261.58	274.77	276.82	282.03
RETAIL TRADE	4.61	4.98	5.01	4.99	142.91	149.40	150.30	152.69
FINANCE, INSURANCE, AND REAL ESTATE	5.48	5.91	6.01	6.02	199.47	214.53	218.16	217.92
SERVICES	5.61	6.00	6.09	6.09	184.01	195.60	198.53	199.14

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	DEC. 1979	JULY 1980	AUG. 1980	SEPT. 1980	OCT. 1980	NOV. P 1980	DEC. P 1980	Percent change from—	
								DEC. 1979- DEC. 1980	NOV. 1980- DEC. 1980
TOTAL PRIVATE NONFARM:									
Current dollars	239.4	252.1	254.0	255.4	257.9	260.7	261.6	9.3	0.4
Constant (1967) dollars	103.8	102.0	102.0	101.5	101.5	101.6	N.A.	(2)	(3)
MINING	274.6	285.3	288.9	290.4	294.4	298.7	299.5	9.1	.3
CONSTRUCTION	228.1	236.7	239.0	239.3	241.6	242.8	244.6	7.2	.7
MANUFACTURING	244.1	260.6	262.4	264.5	266.6	268.9	270.4	10.8	.6
TRANSPORTATION AND PUBLIC UTILITIES	260.1	272.8	273.2	274.0	280.2	282.6	283.9	9.2	.5
WHOLESALE AND RETAIL TRADE	231.4	243.5	245.3	246.5	247.7	250.4	250.9	8.4	.2
FINANCE, INSURANCE, AND REAL ESTATE	217.9	229.0	232.7	233.1	234.8	239.5	239.0	9.7	-.2
SERVICES	237.8	247.6	249.8	251.7	254.2	258.1	258.3	8.6	.1

1 SEE FOOTNOTE 1, TABLE B-2.

2 PERCENT CHANGE WAS -2.5 FROM NOVEMBER 1979 TO NOVEMBER 1980, THE LATEST MONTH AVAILABLE.

3 PERCENT CHANGE WAS .0 FROM OCTOBER 1980 TO NOVEMBER 1980, 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	1979	1980											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov. P	Dec. P
TOTAL PRIVATE	126.8	127.1	126.9	126.0	124.8	123.4	122.5	121.9	123.0	123.7	124.5	125.2	125.7
GOODS-PRODUCING	109.4	110.1	109.1	107.3	105.2	102.2	100.3	98.5	100.0	101.5	102.3	103.6	104.9
MINING	162.5	162.0	162.1	162.9	161.7	163.2	166.4	158.7	162.4	166.7	168.0	170.6	175.0
CONSTRUCTION	132.8	137.7	134.7	126.9	124.7	124.3	123.7	120.6	120.5	124.7	124.5	125.5	126.0
MANUFACTURING	103.5	103.4	102.8	101.8	99.8	96.1	93.8	92.5	94.2	95.2	96.1	97.4	98.7
DURABLE GOODS	106.4	106.0	105.8	105.0	101.6	96.6	94.0	92.4	94.1	95.5	96.6	98.5	99.6
Lumber and wood products	109.4	109.8	108.9	106.5	95.3	90.4	89.6	91.5	95.3	96.8	97.0	99.4	100.3
Furniture and fixtures	109.1	109.7	108.9	106.9	106.1	99.0	94.6	91.0	94.8	98.4	99.0	99.2	101.9
Stone, clay, and glass products	110.4	110.3	109.6	108.0	103.5	99.4	96.7	95.1	96.5	99.3	99.5	101.2	101.2
Primary metal industries	92.9	92.7	92.4	91.8	89.9	82.4	77.4	73.4	75.4	77.7	80.5	83.7	86.4
Fabricated metal products	105.7	104.8	104.9	104.6	102.1	95.3	92.5	89.9	92.3	94.5	95.1	96.2	96.9
Machinery, except electrical	114.4	118.5	117.5	116.9	116.1	114.1	110.8	108.8	108.6	110.1	110.2	111.0	111.1
Electric and electronic equipment	110.4	110.8	109.8	109.4	108.1	103.8	100.1	98.5	99.8	100.5	102.1	103.6	105.1
Transportation equipment	98.3	91.7	93.8	93.0	85.0	79.1	79.6	79.8	82.4	82.5	84.7	88.2	88.7
Instruments and related products	128.8	130.0	129.1	128.7	128.4	126.0	125.1	123.8	124.1	123.8	124.2	126.3	127.8
Miscellaneous manufacturing industry	99.4	99.3	98.2	96.9	95.8	91.6	88.5	89.0	88.5	88.9	87.6	88.5	91.1
NONDURABLE GOODS	99.2	99.7	98.4	97.3	97.2	95.4	93.5	92.5	94.3	94.7	95.4	95.9	97.4
Food and kindred products	97.6	96.9	96.2	94.6	94.4	95.1	93.2	93.9	94.8	93.2	93.7	94.5	94.3
Tobacco manufacturers	70.3	71.7	70.5	70.2	72.4	73.8	72.1	73.0	68.1	71.1	74.9	75.1	68.6
Textile mill products	91.5	92.7	91.6	91.0	89.4	86.4	82.2	80.5	83.3	84.5	85.3	85.7	87.4
Apparel and other textile products	88.5	90.3	90.5	89.2	89.3	87.2	86.7	86.1	87.2	87.3	87.5	87.0	89.0
Paper and allied products	102.1	102.9	102.5	101.6	100.4	96.7	94.7	93.6	95.0	96.5	97.3	98.5	100.6
Printing and publishing	105.2	106.9	105.9	105.1	104.8	103.6	103.1	102.9	103.8	103.8	104.1	103.7	107.3
Chemicals and allied products	108.2	109.0	108.4	108.0	107.4	106.0	104.4	102.1	102.4	103.9	104.1	105.5	107.3
Petroleum and coal products	122.4	104.9	75.7	71.4	91.6	113.8	113.3	113.9	114.8	116.1	117.2	116.9	119.9
Rubber and misc. plastics products	143.4	145.7	142.2	141.4	139.9	128.5	123.6	119.2	127.5	130.1	132.8	135.1	137.6
Leather and leather products	66.4	66.4	66.4	65.6	66.0	63.6	63.3	59.5	63.9	63.7	64.2	63.9	64.1
SERVICE-PRODUCING	138.8	138.9	139.2	139.0	138.3	138.1	137.9	138.2	139.0	139.2	139.9	140.2	140.2
TRANSPORTATION AND PUBLIC UTILITIES	115.8	114.0	113.7	113.9	113.5	112.6	112.6	112.8	112.6	112.7	113.5	113.4	113.8
WHOLESALE AND RETAIL TRADE	132.2	132.6	132.7	131.8	130.4	130.3	129.1	128.9	130.4	130.9	131.4	131.4	131.0
WHOLESALE TRADE	135.0	135.4	135.6	134.5	134.1	133.7	130.8	131.0	131.9	133.3	133.6	133.6	134.5
RETAIL TRADE	131.0	131.5	131.5	130.7	128.9	129.0	128.5	128.0	129.8	130.0	130.6	130.5	129.6
FINANCE, INSURANCE, AND REAL ESTATE	148.2	148.2	149.3	149.6	149.4	149.7	151.2	151.1	151.8	151.1	152.4	152.6	152.8
SERVICES	156.0	156.4	157.2	157.6	157.4	157.8	159.1	159.4	159.3	160.0	161.1	161.5	

1 See footnote 1, table B-2.

p=preliminary.

c=corrected.

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
1977				
January.....	72.4	78.5	86.0	79.1
February.....	66.9	84.3	85.8	80.8
March.....	73.5	83.1	84.9	82.3
April.....	72.4	83.4	80.8	83.4
May.....	71.2	76.2	80.2	85.2
June.....	65.1	71.2	77.9	86.0
July.....	64.0	67.7	74.1	84.9
August.....	60.5	72.1	76.7	82.6
September.....	70.1	72.1	79.1	82.3
October.....	65.1	77.6	81.4	82.6
November.....	71.8	78.5	84.6	80.8
December.....	75.0	78.2	82.0	81.7
1978				
January.....	68.6	80.8	82.3	79.7
February.....	68.6	77.3	82.8	82.3
March.....	71.8	80.2	79.9	81.1
April.....	69.8	74.7	74.7	84.6
May.....	61.9	73.0	75.3	83.7
June.....	64.2	66.6	74.7	82.6
July.....	61.0	68.0	73.3	81.1
August.....	67.7	70.1	77.6	79.9
September.....	67.2	74.1	80.5	79.1
October.....	68.0	78.2	82.0	74.1
November.....	75.3	81.1	79.1	76.7
December.....	74.7	81.7	78.2	74.4
1979				
January.....	66.9	75.9	74.7	73.3
February.....	66.3	70.3	71.8	70.6
March.....	62.2	64.0	64.0	69.2
April.....	49.7	60.2	60.5	67.7
May.....	58.1	54.7	53.8	63.4
June.....	57.8	59.9	51.5	58.4
July.....	57.0	53.8	58.1	59.6
August.....	54.4	52.0	55.5	54.9
September.....	52.9	57.6	55.2	50.6
October.....	65.1	61.9	59.3	46.5
November.....	55.2	61.9	63.1	39.5
December.....	53.5	57.3	56.4	37.8
1980				
January.....	60.2	57.6	45.3	33.4
February.....	54.9	52.6	36.9	33.1
March.....	45.9	39.2	32.3	35.2
April.....	34.6	29.1	24.7	33.1
May.....	28.8	25.0	26.7	36.9p
June.....	30.2	23.8	25.6	35.5p
July.....	36.3	34.9	32.3	
August.....	62.8	54.4	48.3p	
September.....	62.8	68.9	67.7p	
October.....	64.0	74.1p		
November.....	67.2p	71.2p		
December.....	63.7p			

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

p = preliminary.

HOUSEHOLD DATA ANNUAL AVERAGES

HOUSEHOLD DATA ANNUAL AVERAGES

Table 1. Employment status of the population by sex and age

(Numbers in thousands)

Employment status, sex, and age	1975	1976	1977	1978	1979	1980
TOTAL						
Total noninstitutional population.....	153,449	156,048	158,559	161,058	163,620	166,246
Armed Forces.....	2,180	2,144	2,133	2,117	2,088	2,102
Civilian noninstitutional population.....	151,268	153,904	156,426	158,941	161,532	164,143
Civilian labor force.....	92,613	94,773	97,401	100,420	102,908	104,719
Participation rate.....	61.2	61.6	62.3	63.2	63.7	63.8
Employed.....	84,783	87,485	90,546	94,373	96,945	97,270
Employment-population ratio ¹	55.3	56.1	57.1	58.6	59.3	58.5
Agriculture.....	3,380	3,297	3,244	3,342	3,297	3,310
Nonagricultural industries.....	81,403	84,188	87,302	91,031	93,648	93,960
Unemployed.....	7,830	7,288	6,855	6,047	5,963	7,448
Unemployment rate.....	8.5	7.7	7.0	6.0	5.8	7.1
Not in labor force.....	58,655	59,130	59,025	58,521	58,623	59,425
Men, 16 years and over						
Total noninstitutional population.....	73,494	74,739	75,981	77,169	78,397	79,642
Armed Forces.....	2,091	2,038	2,108	1,992	1,949	1,943
Civilian noninstitutional population.....	71,403	72,700	73,873	75,176	76,449	77,699
Civilian labor force.....	55,615	56,359	57,449	58,542	59,517	60,145
Participation rate.....	77.9	77.5	77.7	77.9	77.9	77.4
Employed.....	51,230	52,391	53,861	55,491	56,499	55,988
Employment-population ratio ¹	68.7	70.1	70.9	71.9	72.1	70.3
Unemployment.....	4,385	3,968	3,588	3,051	3,018	4,157
Unemployment rate.....	7.9	7.0	6.2	5.2	5.1	6.9
Men, 20 years and over						
Total noninstitutional population.....	65,082	66,253	67,484	68,693	69,964	71,271
Armed Forces.....	1,724	1,692	1,688	1,687	1,670	1,664
Civilian noninstitutional population.....	63,357	64,561	65,796	67,006	68,293	69,607
Civilian labor force.....	50,855	51,527	52,464	53,464	54,486	55,234
Participation rate.....	80.3	79.8	79.7	79.8	79.8	79.4
Employed.....	47,427	48,486	49,737	51,212	52,264	51,972
Employment-population ratio ¹	72.9	73.2	73.7	74.6	74.7	72.9
Agriculture.....	2,422	2,359	2,308	2,361	2,350	2,355
Nonagricultural industries.....	45,005	46,128	47,429	48,852	49,913	49,617
Unemployed.....	3,428	3,041	2,727	2,252	2,223	3,261
Unemployment rate.....	6.7	5.9	5.2	4.2	4.1	5.9
Women, 16 years and over						
Total noninstitutional population.....	79,954	81,309	82,577	83,890	85,223	86,604
Armed Forces.....	89	106	115	125	139	159
Civilian noninstitutional population.....	79,865	81,203	82,462	83,765	85,083	86,445
Civilian labor force.....	36,998	38,414	39,952	41,878	43,391	44,574
Participation rate.....	46.3	47.3	48.4	50.0	51.0	51.6
Employed.....	33,553	35,095	36,685	38,882	40,446	41,283
Employment-population ratio ¹	42.0	43.2	44.5	46.3	47.5	47.7
Unemployment.....	3,445	3,320	3,267	2,996	2,945	3,291
Unemployment rate.....	9.3	8.6	8.2	7.2	6.8	7.4
Women, 20 years and over						
Total noninstitutional population.....	71,719	73,003	74,256	75,594	76,976	78,426
Armed Forces.....	69	86	97	105	116	131
Civilian noninstitutional population.....	71,650	72,917	74,160	75,489	76,860	78,295
Civilian labor force.....	32,959	34,276	35,685	37,416	38,910	40,243
Participation rate.....	46.0	47.0	48.1	49.6	50.6	51.4
Employed.....	30,310	31,730	33,199	35,180	36,698	37,696
Employment-population ratio ¹	42.3	43.5	44.7	46.5	47.7	48.1
Agriculture.....	505	511	537	586	591	575
Nonagricultural industries.....	29,805	31,218	32,662	34,593	36,107	37,120
Unemployed.....	2,649	2,546	2,486	2,236	2,213	2,547
Unemployment rate.....	8.0	7.4	7.0	6.0	5.7	6.3
Both sexes, 16-19 years						
Total noninstitutional population.....	16,648	16,792	16,818	16,771	16,681	16,549
Armed Forces.....	387	366	348	325	302	307
Civilian noninstitutional population.....	16,261	16,426	16,470	16,447	16,379	16,242
Civilian labor force.....	8,799	8,970	9,252	9,540	9,512	9,242
Participation rate.....	54.1	54.6	56.2	58.0	58.1	56.9
Employed.....	7,046	7,269	7,610	7,981	7,984	7,603
Employment-population ratio ¹	42.3	43.3	45.2	47.6	47.9	45.9
Agriculture.....	453	427	399	395	356	380
Nonagricultural industries.....	6,593	6,842	7,211	7,586	7,628	7,223
Unemployed.....	1,752	1,701	1,642	1,559	1,528	1,640
Unemployment rate.....	19.9	19.0	17.7	16.3	16.1	17.7

¹ Civilian employment as a percent of the total noninstitutional population (including Armed Forces).

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Table 2. Employment status of the population by race, sex, and age

(Numbers in thousands)

Employment status, race, sex, and age	1975	1976	1977	1978	1979	1980
WHITE						
Total noninstitutional population.....	135,323	137,351	139,346	141,289	143,260	145,281
Armed Forces.....	1,822	1,783	1,752	1,709	1,646	1,624
Civilian noninstitutional population.....	133,501	135,569	137,595	139,580	141,614	143,657
Civilian labor force.....	82,084	83,876	86,107	88,456	90,602	92,171
Participation rate.....	61.5	61.9	62.6	63.4	64.0	64.2
Employed.....	73,713	78,021	80,734	83,836	86,025	86,380
Employment-population ratio ¹	54.5	56.8	57.9	59.3	60.0	59.5
Unemployed.....	6,371	5,855	5,373	4,620	4,577	5,790
Unemployment rate.....	7.8	7.0	6.2	5.2	5.1	6.3
Men, 20 years and over						
Civilian labor force.....	45,617	46,178	46,960	47,733	48,583	49,252
Participation rate.....	80.7	80.3	80.3	80.2	80.2	79.9
Employed.....	42,801	43,704	44,784	45,977	46,854	46,671
Employment-population ratio ¹	43.9	44.9	45.8	46.1	46.1	45.8
Unemployed.....	2,816	2,474	2,176	1,757	1,728	2,581
Unemployment rate.....	6.2	5.4	4.6	3.7	3.6	5.2
Women, 20 years and over						
Civilian labor force.....	28,609	29,659	30,853	32,233	33,545	34,686
Participation rate.....	45.3	46.2	47.4	48.7	49.9	50.8
Employed.....	26,459	27,634	28,930	30,547	31,876	32,756
Employment-population ratio ¹	43.0	43.0	44.4	46.1	47.4	47.9
Unemployed.....	2,149	2,025	1,922	1,686	1,669	1,931
Unemployment rate.....	7.5	6.8	6.2	5.2	5.0	5.6
Both sexes, 16-19 years						
Civilian labor force.....	7,858	8,039	8,295	8,490	8,475	8,233
Participation rate.....	56.7	57.6	59.4	61.0	61.2	60.1
Employed.....	6,452	6,683	7,020	7,312	7,295	6,955
Employment-population ratio ¹	45.5	46.9	49.2	51.6	51.8	50.0
Unemployed.....	1,406	1,356	1,275	1,178	1,181	1,278
Unemployment rate.....	17.9	16.9	15.4	13.9	13.9	15.5
Men.....	18.3	17.3	15.0	13.5	13.9	16.2
Women.....	17.4	16.4	15.9	14.4	13.9	14.8
BLACK AND OTHER						
Total noninstitutional population.....	18,126	18,696	19,212	19,769	20,359	20,964
Armed Forces.....	355	362	381	408	441	478
Civilian noninstitutional population.....	17,768	18,335	18,831	19,361	19,918	20,486
Civilian labor force.....	10,529	10,897	11,294	11,964	12,306	12,548
Participation rate.....	59.3	59.4	60.0	61.8	61.8	61.2
Employed.....	9,070	9,464	9,812	10,537	10,920	10,890
Employment-population ratio ¹	50.0	50.6	51.1	53.3	53.6	51.9
Unemployed.....	1,459	1,433	1,482	1,427	1,386	1,658
Unemployment rate.....	13.9	13.1	13.1	11.9	11.3	13.2
Men, 20 years and over						
Civilian labor force.....	5,238	5,349	5,504	5,731	5,904	5,982
Participation rate.....	76.4	75.6	75.6	76.5	76.4	75.1
Employed.....	4,626	4,782	4,953	5,236	5,409	5,301
Employment-population ratio ¹	64.8	64.9	65.3	67.0	67.0	63.6
Unemployed.....	612	566	551	495	495	681
Unemployment rate.....	11.7	10.6	10.0	8.6	8.4	11.4
Women, 20 years and over						
Civilian labor force.....	4,351	4,617	4,832	5,182	5,366	5,557
Participation rate.....	51.2	52.6	53.4	55.5	55.6	55.8
Employed.....	3,851	4,096	4,268	4,632	4,822	4,941
Employment-population ratio ¹	45.2	46.7	47.0	49.5	49.8	49.4
Unemployed.....	500	521	564	550	544	616
Unemployment rate.....	11.5	11.3	11.7	10.6	10.1	11.1
Both sexes, 16-19 years						
Civilian labor force.....	940	931	957	1,050	1,036	1,009
Participation rate.....	39.1	37.7	38.4	41.6	40.8	39.5
Employed.....	594	586	590	669	689	648
Employment-population ratio ¹	24.0	23.2	23.1	25.9	26.4	24.6
Unemployed.....	347	345	367	381	347	361
Unemployment rate.....	36.9	37.1	38.3	36.3	33.5	35.8
Men.....	35.4	35.4	37.0	34.4	31.5	34.9
Women.....	38.5	39.0	39.9	38.4	35.7	36.9

¹ Civilian employment as a percent of the total noninstitutional population (including Armed Forces).

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Table 3. Major unemployment indicators

Category	Number of unemployed persons (in thousands)		Unemployment rates					
	1979	1980	1975	1976	1977	1978	1979	1980
CHARACTERISTIC								
Total, 16 years and over.....	5,963	7,448	8.5	7.7	7.0	6.0	5.8	7.1
Men, 20 years and over.....	2,223	3,261	6.7	5.9	5.2	4.2	4.1	5.9
Women, 20 years and over.....	2,213	2,547	8.0	7.4	7.0	6.0	5.7	6.3
Both sexes, 16-19 years.....	1,528	1,640	19.9	19.0	17.7	16.3	16.1	17.7
Black.....	1,269	1,499	14.7	13.8	13.9	12.6	12.2	14.1
Hispanic origin.....	415	554	12.2	11.5	10.0	9.1	8.3	10.1
Married men, spouse present.....	1,101	1,674	5.1	4.2	3.6	2.8	2.7	4.2
Married women, spouse present.....	1,224	1,417	7.9	7.1	6.5	5.5	5.1	5.8
Women who maintain families.....	413	469	10.0	10.0	9.3	8.5	8.3	9.1
Full-time workers.....	4,639	6,108	8.1	7.3	6.5	5.5	5.3	6.8
Part-time workers.....	1,325	1,341	10.3	10.1	9.8	9.0	8.7	8.7
Labor force time lost ¹	-	-	9.1	8.3	7.6	6.5	6.3	7.9
OCCUPATION²								
White-collar workers.....	1,703	1,951	4.7	4.6	4.3	3.5	3.3	3.7
Professional and technical.....	373	395	3.2	3.2	3.0	2.6	2.4	2.5
Managers and administrators, except farm.....	225	270	3.0	3.1	2.8	2.1	2.1	2.4
Sales workers.....	252	283	5.8	5.4	5.3	4.1	3.9	4.4
Clerical workers.....	853	1,004	6.6	6.4	5.9	4.9	4.6	5.3
Blue-collar workers.....	2,377	3,414	11.7	9.4	8.1	6.9	6.9	10.0
Craft and kindred workers.....	604	884	8.3	6.9	5.6	4.6	4.5	6.6
Operatives, except transport.....	1,000	1,436	14.7	10.8	9.5	8.1	8.4	12.2
Transport equipment operatives.....	206	335	8.5	7.7	6.6	5.2	5.4	8.8
Nonfarm laborers.....	566	760	15.6	13.7	12.0	10.7	10.8	14.6
Service workers.....	980	1,107	8.6	8.7	8.2	7.4	7.1	7.9
Farm workers.....	106	125	3.5	4.5	4.6	3.8	3.8	4.4
INDUSTRY²								
Nonagricultural private wage and salary workers ³	4,336	5,642	9.2	7.9	7.0	5.9	5.7	7.4
Construction.....	525	723	18.1	15.6	12.7	10.6	10.2	14.2
Manufacturing.....	1,271	1,953	10.9	7.9	6.7	5.5	5.5	8.5
Durable goods.....	685	1,235	11.3	7.7	6.2	4.9	5.0	8.9
Nondurable goods.....	586	717	10.4	8.1	7.4	6.3	6.4	7.9
Transportation and public utilities.....	200	274	5.6	5.0	4.7	3.7	3.7	4.9
Wholesale and retail trade.....	1,214	1,404	8.7	8.6	8.0	6.9	6.5	7.4
Finance and service industries.....	1,083	1,226	6.6	6.5	6.0	5.1	4.9	5.3
Government workers.....	589	660	4.0	4.4	4.2	3.9	3.7	4.1
Agricultural wage and salary workers.....	141	168	10.3	11.7	11.1	8.8	9.1	10.8

¹ Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

² Unemployment by occupation includes all experienced unemployed persons, whereas

that by industry covers only unemployed wage and salary workers.

³ Includes mining, not shown separately.

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Table 4. Employees on nonagricultural payrolls by industry and major manufacturing group

(In thousands)

Industry	1977	1978	1979	1980 ^P	Change from	
					1978-1979	1979-1980 ^P
TOTAL	82,471	86,697	89,886	90,652	3,189	766
GOODS-PRODUCING	24,346	25,585	26,504	25,857	919	-647
MINING	813	851	960	1,025	109	65
CONSTRUCTION	3,851	4,229	4,483	4,468	254	-15
MANUFACTURING	19,682	20,505	21,062	20,365	557	-697
DURABLE GOODS	11,597	12,274	12,772	12,218	498	-554
Lumber and wood products	721.9	754.7	766.1	686.7	11.4	-79.4
Furniture and fixtures	464.3	494.1	499.3	473.7	5.2	-25.6
Stone, clay, and glass products	668.7	698.2	709.7	667.9	11.5	-41.8
Primary metal industries	1,181.6	1,214.9	1,250.2	1,132.7	35.3	-117.5
Fabricated metal products	1,582.8	1,672.6	1,723.7	1,627.2	51.1	-96.5
Machinery, except electrical	2,174.7	2,325.5	2,481.6	2,488.5	156.1	6.9
Electric and electronic equipment	1,878.0	2,006.1	2,124.3	2,126.9	118.2	2.6
Transportation equipment	1,871.5	2,002.8	2,082.8	1,892.2	80.0	-190.6
Instruments and related products	615.1	653.1	688.9	700.1	35.8	11.2
Miscellaneous manufacturing industries	438.4	451.5	445.6	422.0	-5.9	-23.6
NONDURABLE GOODS	8,086	8,231	8,290	8,147	59	-143
Food and kindred products	1,711.0	1,724.1	1,728.1	1,689.0	4.0	-39.1
Tobacco manufactures	70.7	70.6	69.9	68.7	-0.7	-1.2
Textile mill products	910.2	899.1	888.5	864.0	-10.6	-24.5
Apparel and other textile products	1,316.3	1,332.3	1,312.5	1,297.7	-19.8	-14.8
Paper and allied products	691.6	698.7	706.7	694.3	8.0	-12.4
Printing and publishing	1,141.4	1,192.0	1,239.5	1,272.1	47.5	32.6
Chemicals and allied products	1,073.7	1,095.5	1,110.7	1,112.9	15.2	2.2
Petroleum and coal products	202.3	207.7	210.0	197.3	2.3	-12.7
Rubber and misc. plastics products	713.5	754.5	775.6	711.0	21.1	-64.6
Leather and leather products	254.8	256.8	248.0	240.0	-8.8	-8.0
SERVICE-PRODUCING	58,125	61,113	63,382	64,795	2,269	1,413
TRANSPORTATION AND PUBLIC UTILITIES	4,713	4,923	5,141	5,155	218	14
WHOLESALE AND RETAIL TRADE	18,516	19,542	20,269	20,571	727	302
WHOLESALE TRADE	4,708	4,969	5,204	5,281	235	77
RETAIL TRADE	13,808	14,573	15,066	15,290	493	224
FINANCE, INSURANCE, AND REAL ESTATE	4,467	4,724	4,974	5,162	250	188
SERVICES	15,303	16,252	17,078	17,736	826	658
GOVERNMENT	15,127	15,672	15,920	16,171	248	251
FEDERAL	2,727	2,753	2,773	2,867	20	94
STATE AND LOCAL	12,399	12,919	13,147	13,304	228	157

^P=preliminary.

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**Table 5. Production or nonsupervisory workers¹ on private nonagricultural payrolls
by industry division and major manufacturing group**

[In thousands]

Industry	1977	1978	1979	1980 ^P	Change from	
					1978-1979	1979-1980 ^P
TOTAL PRIVATE	55,179	58,156	60,442	60,589	2,286	147
MINING	618	638	721	763	83	42
CONSTRUCTION	3,021	3,354	3,581	3,516	227	-65
MANUFACTURING	14,135	14,734	15,085	14,281	351	-804
DURABLE GOODS	8,307	8,805	9,120	8,470	315	-650
Lumber and wood products	616.3	646.6	653.1	574.9	6.5	-78.2
Furniture and fixtures	381.8	406.3	407.3	382.6	1.0	-24.7
Stone, clay, and glass products	532.9	554.3	559.5	517.9	5.2	-41.6
Primary metal industries	922.1	954.3	983.6	870.1	29.3	-113.5
Fabricated metal products	1,198.2	1,270.0	1,303.6	1,206.7	33.6	-96.9
Machinery, except electrical	1,422.0	1,526.4	1,631.8	1,600.6	105.4	-31.2
Electric and electronic equipment	1,233.2	1,317.9	1,393.7	1,354.4	75.8	-39.3
Transportation equipment	1,290.4	1,383.9	1,427.4	1,228.0	43.5	-199.4
Instruments and related products	375.5	400.3	420.1	418.3	19.8	-1.8
Miscellaneous manufacturing industries	334.2	344.5	339.8	316.9	-4.7	-22.9
NONDURABLE GOODS	5,828	5,929	5,965	5,811	36	-154
Food and kindred products	1,161.0	1,173.9	1,186.6	1,155.7	12.7	-30.9
Tobacco manufactures	57.0	56.2	55.4	53.5	-8	-1.9
Textile mill products	792.3	783.1	774.1	751.7	-9.0	-22.4
Apparel and other textile products	1,129.4	1,144.6	1,123.5	1,108.9	-21.1	-14.6
Paper and allied products	518.2	524.7	535.5	523.7	10.8	-11.8
Printing and publishing	646.5	671.9	701.2	714.5	29.3	13.3
Chemicals and allied products	616.0	627.6	633.4	627.0	5.8	-6.4
Petroleum and coal products	131.3	135.5	137.2	124.5	1.7	-12.7
Rubber and misc. plastics products	558.1	591.2	607.4	547.9	16.2	-59.5
Leather and leather products	218.4	220.4	211.1	202.9	-9.3	-8.2
TRANSPORTATION AND PUBLIC UTILITIES	4,008	4,142	4,304	4,302	162	-2
WHOLESALE AND RETAIL TRADE	16,316	17,219	17,818	18,044	599	226
WHOLESALE TRADE	3,878	4,094	4,274	4,316	180	42
RETAIL TRADE	12,438	13,125	13,544	13,728	419	184
FINANCE, INSURANCE, AND REAL ESTATE	3,397	3,593	3,774	3,905	181	131
SERVICES	13,683	14,476	15,161	15,777	685	616

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

^Ppreliminary.

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Table 6. Gross hours and earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry division and major manufacturing group

Industry	Average weekly hours				Average hourly earnings				Average weekly earnings			
	1977	1978	1979	1980 ^P	1977	1978	1979	1980 ^P	1977	1978	1979	1980 ^P
TOTAL PRIVATE	36.0	35.8	35.6	35.3	5.25	\$5.69	\$6.16	\$6.66	\$189.00	\$203.70	\$219.30	\$235.10
MINING	43.4	43.4	43.0	43.2	6.94	7.67	8.50	9.18	301.20	332.88	365.50	396.58
CONSTRUCTION	36.5	36.8	37.0	37.0	8.10	8.66	9.27	9.93	295.65	318.69	342.99	367.41
MANUFACTURING	40.3	40.4	40.2	39.7	5.68	6.17	6.69	7.27	228.90	249.27	268.94	288.62
Overtime hours	3.5	3.6	3.3	2.8	—	—	—	—	—	—	—	—
DURABLE GOODS	41.0	41.1	40.8	40.2	6.06	6.58	7.13	7.76	248.46	270.44	290.90	311.95
Overtime hours	3.7	3.8	3.5	2.8	—	—	—	—	—	—	—	—
Lumber and wood products	39.8	39.8	39.4	38.6	5.10	5.60	6.08	6.56	202.98	222.88	239.55	253.22
Furniture and fixtures	39.0	39.3	38.7	38.0	4.34	4.68	5.06	5.48	169.26	183.92	195.82	208.24
Stone, clay, and glass products	41.3	41.6	41.5	40.8	5.81	6.33	6.85	7.31	239.95	263.33	284.28	308.41
Primary metal industries	41.3	41.8	41.4	40.1	7.40	8.20	8.97	9.77	305.62	342.76	371.36	391.78
Fabricated metal products	41.0	41.0	40.7	40.4	5.91	6.35	6.84	7.43	242.31	260.35	278.39	300.17
Machinery, except electrical	41.5	42.1	41.8	41.1	6.26	6.78	7.32	8.04	259.79	285.44	305.98	330.44
Electric and electronic equipment	40.4	40.3	40.3	39.8	5.39	5.82	6.32	6.96	217.76	234.55	254.70	277.01
Transportation equipment	42.5	42.2	41.1	40.6	7.29	7.91	8.54	9.35	309.83	333.80	350.99	379.61
Instruments and related products	40.6	40.9	40.8	40.5	5.29	5.71	6.17	6.80	214.77	233.54	251.74	275.40
Miscellaneous manufacturing industries	38.8	38.8	38.8	38.7	4.36	4.69	5.03	5.45	169.17	181.97	195.16	210.92
NONDURABLE GOODS	39.4	39.4	39.3	39.0	5.11	5.53	6.00	6.53	201.33	217.88	235.80	254.67
Overtime hours	3.2	3.2	3.1	2.6	—	—	—	—	—	—	—	—
Food and kindred products	40.0	39.7	39.9	39.7	5.37	5.80	6.27	6.86	214.80	230.26	250.17	272.34
Tobacco manufactures	37.8	38.1	38.0	38.2	5.54	6.13	6.65	7.67	209.41	233.55	252.70	292.99
Textile mill products	40.4	40.4	40.1	3.99	4.30	4.66	5.07	5.67	161.20	173.72	188.26	203.31
Apparel and other textile products	35.6	35.6	35.3	35.4	3.62	3.94	4.23	4.57	126.87	140.26	149.32	161.78
Paper and allied products	42.9	42.6	42.3	5.96	6.52	7.13	7.85	8.59	255.68	279.71	303.74	332.06
Printing and publishing	37.7	37.6	37.5	37.1	6.12	6.51	6.95	7.54	250.72	244.78	260.63	279.73
Chemicals and allied products	41.7	41.9	41.9	41.5	6.43	7.02	7.60	8.39	268.13	294.14	318.44	344.04
Petroleum and coal products	42.7	43.6	43.8	41.7	7.83	8.63	9.36	10.09	334.34	376.27	409.97	420.75
Rubber and misc. plastics products	41.0	40.9	40.5	40.0	5.17	5.52	5.96	6.49	211.97	225.77	241.38	259.60
Leather and leather products	36.9	37.1	36.5	36.7	5.61	3.89	4.22	4.57	133.21	144.32	154.03	167.72
TRANSPORTATION AND PUBLIC UTILITIES	39.9	40.0	39.9	39.6	6.99	7.57	8.17	8.88	278.90	302.80	325.98	351.65
WHOLESALE AND RETAIL TRADE	33.3	32.9	32.6	32.1	4.28	4.67	5.06	5.48	142.52	153.64	164.96	175.91
WHOLESALE TRADE	38.8	38.8	38.8	38.5	5.39	5.88	6.39	6.97	209.13	228.14	247.83	268.35
RETAIL TRADE	31.6	31.0	30.6	30.2	3.85	4.20	4.53	4.88	121.66	130.20	138.62	147.38
FINANCE, INSURANCE, AND REAL ESTATE	36.4	36.4	36.2	36.2	4.54	4.89	5.27	5.78	165.26	178.00	190.77	209.24
SERVICES	33.0	32.8	32.7	32.6	4.65	4.99	5.36	5.85	153.45	163.67	175.27	190.71

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

preliminary unweighted averages.

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