

# News

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## THE EMPLOYMENT SITUATION: NOVEMBER 1984

Unemployment declined in November and employment rose, the Bureau of Labor Statistics of the U.S. Department of Labor reported today. The overall unemployment rate fell from 7.3 to 7.0 percent, and the rate for civilian workers dropped from 7.4 to 7.2 percent. Although both measures had shown little movement in recent months, they were more than a full percentage point below year-earlier levels.

Civilian employment--as measured by the monthly survey of households--rose by nearly 300,000 in November to 105.9 million. The number of nonagricultural payroll jobs--as measured by the monthly survey of establishments--also was up by about 300,000 to 95.5 million. Since the November 1982 recession trough, each employment series has advanced by 6.8 million.

### Unemployment (Household Survey Data)

The number of unemployed persons fell by 275,000 in November to a seasonally adjusted level of 8.2 million, and the civilian worker unemployment rate declined two-tenths of a percentage point to 7.2 percent. Since November 1982, the jobless total has declined by 3.7 million, while the unemployment rate has dropped by 3.5 percentage points. (See table A-2.)

The over-the-month improvement was shared by several of the major worker groups. Jobless rates for adult women (6.6 percent) and teenagers (17.5 percent) declined, while that for adult men (6.3 percent) was unchanged. Also, there were reductions for whites (6.1 percent) and Hispanics (10.0 percent) and little change for blacks (15.0 percent). (See tables A-2 and A-3.)

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*      In accordance with usual practice, the
*      Employment Situation release of December data will
*      incorporate annual revisions in seasonally adjusted
*      unemployment and other labor force series.
*      Seasonally adjusted data for the most recent 5
*      years are subject to revision. The December data
*      will be released on Wednesday, January 9.
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Centennial  
of Labor  
Statistics

All of the decline in unemployment over the month occurred among those who were jobless for less than 6 months. At 1.4 million, the number of persons jobless for 6 months or more has held at about this level in recent months, after declining markedly between mid-1983 and this past summer. (See table A-7.)

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

Category	Quarterly averages		Monthly data			Oct.- Nov. change
	1984		1984			
	II	III	Sept.	Oct.	Nov.	
HOUSEHOLD DATA	Thousands of persons					
Labor force <u>1</u> /.....	115,333	115,420	115,419	115,722	115,725	3
Total employment <u>1</u> /.....	106,837	106,911	106,959	107,291	107,571	280
Civilian labor force.....	113,642	113,710	113,699	114,017	114,026	9
Civilian employment.....	105,146	105,201	105,239	105,586	105,872	286
Unemployment.....	8,496	8,509	8,460	8,431	8,154	-277
Not in labor force.....	62,484	62,885	63,064	62,939	63,109	170
Discouraged workers.....	1,295	1,197	N.A.	N.A.	N.A.	N.A.
	Percent of labor force					
Unemployment rates:						
All workers <u>1</u> /.....	7.4	7.4	7.3	7.3	7.0	-0.3
All civilian workers.....	7.5	7.5	7.4	7.4	7.2	-0.2
Adult men.....	6.6	6.5	6.5	6.3	6.3	0
Adult women.....	6.7	6.9	6.7	6.9	6.6	-0.3
Teenagers.....	18.7	18.7	19.3	18.8	17.5	-1.3
White.....	6.4	6.4	6.4	6.4	6.1	-0.3
Black.....	15.9	16.0	15.1	15.4	15.0	-0.4
Hispanic origin.....	10.7	10.7	10.7	10.9	10.0	-0.9
ESTABLISHMENT DATA	Thousands of jobs					
Nonfarm payroll employment..	93,790	94,560	94,807	95,150p	95,453p	303p
Goods-producing.....	24,862	25,056	25,010	25,078p	25,131p	53p
Service-producing.....	68,928	69,504	69,797	70,072p	70,322p	250p
	Hours of work					
Average weekly hours:						
Total private nonfarm.....	35.3	35.3	35.4	35.1p	35.2p	0.1p
Manufacturing.....	40.8	40.5	40.6	40.4p	40.5p	0.1p
Manufacturing overtime.....	3.4	3.3	3.3	3.3p	3.4p	0.1p

1/ Includes the resident Armed Forces.

N.A.=not available.

p=preliminary.

The number of job losers fell by 215,000 from October. Job losers, with a decrease of 1 million over the past year, accounted for the bulk of the total decline in unemployment of 1.3 million. (See table A-8.)

#### Civilian Employment and the Labor Force (Household Survey Data)

Civilian employment rose by 285,000 in November to 105.9 million, seasonally adjusted. The over-the-month gain occurred primarily among adult women. Civilian employment was up by 3.2 million over the year--1.8 million adult men and 1.5 million adult women. (See table A-2.)

The civilian labor force was 114.0 million in November, unchanged from October. The proportion of the civilian working-age population in the labor force (the labor force participation rate) was 64.4 percent, also the same as in the previous month. Over the year, the labor force grew by about 2 million, and the participation rate was up by 0.4 percentage point.

#### Industry Payroll Employment (Establishment Data)

Total nonagricultural payroll employment increased by 300,000 in November to 95.5 million, seasonally adjusted. As in recent months, growth was concentrated in the service-producing sector. Since July, the number of jobs in this sector has risen by a million, while there has been virtually no growth in the goods-producing industries. Since November 1982, two-thirds of the 6.8-million job gain has occurred in the service sector. (See table B-1.)

The largest November increases were in retail trade (115,000) and services (90,000). In retail trade, strong growth took place in general merchandise stores, while both business and health services contributed to the rise in services. Elsewhere in the service-producing sector, modest gains were recorded in transportation and public utilities; finance, insurance, and real estate; and wholesale trade.

Manufacturing employment was little changed over the month. In fact, at 19.7 million in November, the number of factory jobs was about the same as in July. Over this period, jobs in durable goods have increased, while there has been a decline in nondurable goods.

Construction employment increased by 30,000 in November to 4.4 million. This was 620,000 greater than the March 1983 employment low but still 170,000 less than the January 1980 employment peak. In mining, continued gains in oil and gas extraction offset declines elsewhere in the industry.

#### Weekly Hours (Establishment Survey Data)

The average workweek of production or nonsupervisory workers on private nonagricultural payrolls rose 0.1 hour in November, as did weekly and overtime hours in manufacturing. For the past several months, the overall and manufacturing workweeks have been fluctuating around the November levels of 35.2 and 40.5 hours, respectively. (See table B-2.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls rose by 0.7 percent in November to 114.0 (1977=100). The index was up about 5 percent over the year and more than 11 percent from the November 1982 level. The manufacturing index was up 0.3 percent in November to 96.0. (See table B-5.)

Hourly and Weekly Earnings (Establishment Survey Data)

Average hourly earnings rose 0.6 percent in November, and weekly earnings were up 0.9 percent, seasonally adjusted. Prior to seasonal adjustment, average hourly earnings increased 3 cents to \$8.44, and average weekly earnings were up 21 cents to \$296.24. Over the past year, hourly earnings rose 28 cents and weekly earnings \$9.82. (See table B-3.)

The Hourly Earnings Index (Establishment Survey Data)

The Hourly Earnings Index (HEI) was 162.1 (1977=100) in November, seasonally adjusted, an increase of 0.4 percent from October. For the 12 months ended in November, the increase (before seasonal adjustment) was 3.1 percent. The HEI excludes the effects of two types of changes unrelated to underlying wage rate movements--fluctuations in overtime in manufacturing and interindustry employment shifts. In dollars of constant purchasing power, the HEI decreased 0.8 percent during the 12-month period ended in October. (See table B-4.)

# Explanatory Note

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 60,000 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 over 200,000 establishments employing over 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. Members of the Armed Forces stationed in the United States are also included in the employed total.

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 *labor force* equals the sum of the number employed and the number unemployed. The *unemployment rate* is the percentage of unemployed people in the labor force (civilian plus the resident Armed Forces). Table A-5 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 overall unemployment rate is U-5a, while U-5b represents the same measure with a civilian labor force base.

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, private household workers, and members of the resident Armed Forces;
- 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 the 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 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 labor force is the sum of eight seasonally adjusted civilian employment components, plus the resident Armed Forces total (not adjusted for seasonality), and four seasonally adjusted unemployment components; the total for unemployment is the sum of the four unemployment components; and the overall unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the 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 approximately 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 approximately 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 approximately 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 328,000; for total unemployment it is 220,000; 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 approximately 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 .26 percentage point; for teenagers, it is 1.25 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 \$4.50 per issue or \$31.00 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 B through J 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 M, O, P, and Q of that publication.

## HOUSEHOLD DATA

## HOUSEHOLD DATA

Table A-1. Employment status of the population, including Armed Forces in the United States, by sex

(Numbers in thousands)

Employment status and sex	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Nov. 1983	Oct. 1984	Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984
<b>TOTAL</b>									
Noninstitutional population <sup>2</sup> .....	176,636	178,661	178,834	176,636	178,138	178,295	178,483	178,661	178,834
Labor force <sup>3</sup> .....	113,832	115,955	115,814	113,720	115,636	115,206	115,419	115,722	115,725
Participation rate <sup>3</sup> .....	64.4	64.9	64.8	64.4	64.9	64.6	64.7	64.8	64.7
Total employed <sup>4</sup> .....	104,703	107,967	107,945	104,291	107,093	106,681	106,959	107,291	107,571
Employment-population ratio <sup>4</sup> .....	59.3	60.4	60.4	59.0	60.1	59.8	59.9	60.1	60.2
Resident Armed Forces.....	1,685	1,705	1,699	1,685	1,698	1,712	1,720	1,705	1,699
Civilian employed.....	103,018	106,262	106,246	102,606	105,395	104,969	105,239	105,586	105,872
Agriculture.....	3,152	3,268	3,227	3,257	3,345	3,224	3,315	3,114	3,353
Nonagricultural industries.....	99,866	102,994	103,019	99,349	102,050	101,744	101,923	102,472	102,519
Unemployed.....	9,129	7,989	7,869	9,429	8,543	8,526	8,460	8,431	8,154
Unemployment rate <sup>5</sup> .....	8.0	6.9	6.8	8.3	7.4	7.4	7.3	7.3	7.0
Not in labor force.....	62,804	62,706	63,020	62,916	62,503	63,089	63,064	62,939	63,109
<b>Men, 16 years and over</b>									
Noninstitutional population <sup>2</sup> .....	84,423	85,439	85,523	84,423	85,179	85,257	85,352	85,439	85,523
Labor force <sup>3</sup> .....	64,550	65,400	65,377	64,846	65,362	65,244	65,614	65,603	65,667
Participation rate <sup>3</sup> .....	76.5	76.5	76.4	76.8	76.7	76.5	76.9	76.8	76.8
Total employed <sup>4</sup> .....	59,323	61,273	61,063	59,389	60,607	60,661	60,912	61,023	61,158
Employment-population ratio <sup>4</sup> .....	70.3	71.7	71.4	70.3	71.2	71.2	71.4	71.4	71.5
Resident Armed Forces.....	1,534	1,557	1,552	1,534	1,551	1,563	1,571	1,557	1,552
Civilian employed.....	57,789	59,716	59,511	57,855	59,056	59,098	59,341	59,466	59,606
Unemployed.....	5,227	4,127	4,315	5,457	4,756	4,583	4,702	4,580	4,509
Unemployment rate <sup>5</sup> .....	8.1	6.3	6.6	8.4	7.3	7.0	7.2	7.0	6.9
<b>Women, 16 years and over</b>									
Noninstitutional population <sup>2</sup> .....	92,214	93,222	93,311	92,214	92,958	93,039	93,132	93,222	93,311
Labor force <sup>3</sup> .....	49,282	50,555	50,437	48,874	50,273	49,963	49,804	50,119	50,057
Participation rate <sup>3</sup> .....	53.4	54.2	54.1	53.0	54.1	53.7	53.5	53.8	53.6
Total employed <sup>4</sup> .....	45,380	46,694	46,883	44,902	46,486	46,020	46,047	46,268	46,413
Employment-population ratio <sup>4</sup> .....	49.2	50.1	50.2	48.7	50.0	49.5	49.4	49.6	49.7
Resident Armed Forces.....	151	148	147	151	147	149	149	148	147
Civilian employed.....	45,229	46,546	46,736	44,751	46,339	45,871	45,898	46,120	46,266
Unemployed.....	3,902	3,862	3,554	3,972	3,787	3,943	3,758	3,852	3,645
Unemployment rate <sup>5</sup> .....	7.9	7.6	7.0	8.1	7.5	7.9	7.5	7.7	7.3

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

<sup>2</sup> Includes members of the Armed Forces stationed in the United States.

<sup>3</sup> Labor force as a percent of the noninstitutional population.

<sup>4</sup> Total employment as a percent of the noninstitutional population.

<sup>5</sup> Unemployment as a percent of the labor force (including the resident Armed Forces).

## HOUSEHOLD DATA

## HOUSEHOLD DATA

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

(Numbers in thousands)

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Nov. 1983	Oct. 1984	Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984
<b>TOTAL</b>									
Civilian noninstitutional population	174,951	176,956	177,135	174,951	176,440	176,583	176,763	176,956	177,135
Civilian labor force	112,147	114,250	114,115	112,035	113,939	113,494	113,639	114,017	114,026
Participation rate	64.1	64.6	64.4	64.0	64.6	64.3	64.3	64.4	64.4
Employed	103,018	105,262	106,246	102,606	105,395	104,969	105,239	105,586	105,872
Employment-population ratio <sup>2</sup>	58.9	60.0	60.0	58.6	59.7	59.4	59.5	59.7	59.8
Unemployed	9,129	7,989	7,869	9,429	8,543	8,526	8,460	8,431	8,154
Unemployment rate	8.1	7.0	6.9	9.4	7.5	7.5	7.4	7.4	7.2
<b>Men, 20 years and over</b>									
Civilian noninstitutional population	75,327	76,565	76,663	75,327	76,269	76,350	76,451	76,565	76,663
Civilian labor force	58,996	59,992	59,955	59,053	59,694	59,752	59,898	59,971	59,994
Participation rate	78.3	78.4	78.2	78.4	78.3	78.3	78.3	78.3	78.3
Employed	54,631	56,610	56,402	54,457	55,789	55,899	56,022	56,213	56,243
Employment-population ratio <sup>2</sup>	72.5	73.9	73.6	72.3	73.1	73.2	73.3	73.4	73.4
Agriculture	2,342	2,443	2,424	2,336	2,455	2,392	2,403	2,316	2,426
Nonagricultural industries	52,289	54,167	53,978	52,121	53,334	53,507	53,620	53,898	53,817
Unemployed	4,365	3,382	3,552	4,596	3,906	3,853	3,875	3,758	3,751
Unemployment rate	7.4	5.6	5.9	7.8	6.5	6.4	6.5	6.3	6.3
<b>Women, 20 years and over</b>									
Civilian noninstitutional population	84,553	85,793	85,897	84,553	85,488	85,581	85,688	85,793	85,897
Civilian labor force	45,475	46,784	46,736	44,953	46,261	46,082	45,859	46,220	46,232
Participation rate	53.8	54.5	54.4	53.2	54.1	53.8	53.5	53.9	53.8
Employed	42,294	43,559	43,756	41,738	43,088	42,819	42,807	43,016	43,194
Employment-population ratio <sup>2</sup>	50.0	50.8	50.9	49.4	50.4	50.0	50.0	50.1	50.3
Agriculture	596	586	540	638	573	563	595	554	575
Nonagricultural industries	41,698	42,972	43,216	41,100	42,515	42,255	42,212	42,462	42,619
Unemployed	3,180	3,226	2,980	3,215	3,173	3,264	3,053	3,204	3,038
Unemployment rate	7.0	6.9	6.4	7.2	6.9	7.1	6.7	6.9	6.6
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population	15,072	14,598	14,575	15,072	14,683	14,653	14,624	14,598	14,575
Civilian labor force	7,677	7,474	7,425	8,029	7,992	7,660	7,942	7,926	7,800
Participation rate	50.9	51.2	50.9	53.3	54.4	52.3	54.3	53.6	53.5
Employed	6,093	6,093	6,088	6,411	6,518	6,251	6,410	6,356	6,435
Employment-population ratio <sup>2</sup>	40.4	41.7	41.8	42.5	44.4	42.7	43.8	43.5	44.1
Agriculture	215	238	263	283	317	269	318	244	352
Nonagricultural industries	5,879	5,855	5,825	6,128	6,201	5,982	6,092	6,112	6,083
Unemployed	1,584	1,381	1,337	1,618	1,464	1,409	1,532	1,470	1,365
Unemployment rate	20.6	18.5	18.0	20.2	18.3	18.4	19.3	18.8	17.5

<sup>1</sup> The population figures are not adjusted for seasonal variation; therefore, identical numbers appear in the unadjusted and seasonally adjusted columns.

<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional population.



## HOUSEHOLD DATA

## HOUSEHOLD DATA

Table A-3. Employment status of the civilian population by race, sex, age, and Hispanic origin

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Nov. 1983	Oct. 1984	Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984
<b>WHITE</b>									
Civilian noninstitutional population .....	151,324	152,605	152,659	151,324	152,286	152,402	152,471	152,605	152,659
Civilian labor force .....	97,705	98,814	98,690	97,559	98,710	98,156	98,388	98,520	98,526
Participation rate .....	64.6	64.8	64.6	64.5	64.8	64.4	64.5	64.6	64.5
Employed .....	90,793	92,925	92,825	90,430	92,430	91,850	92,074	92,249	92,498
Employment-population ratio <sup>2</sup> .....	60.0	60.9	60.8	59.8	60.7	60.3	60.4	60.4	60.6
Unemployed .....	6,912	5,889	5,865	7,129	6,280	6,306	6,314	6,271	6,028
Unemployment rate .....	7.1	6.0	5.9	7.3	6.4	6.4	6.4	6.4	6.1
<b>Men, 20 years and over</b>									
Civilian labor force .....	51,919	52,552	52,499	52,021	52,366	52,371	52,516	52,463	52,583
Participation rate .....	78.8	78.7	78.6	78.9	78.6	78.6	78.7	78.6	78.7
Employed .....	48,527	50,012	49,781	48,414	49,470	49,471	49,600	49,615	49,731
Employment-population ratio <sup>2</sup> .....	73.6	74.9	74.5	73.5	74.3	74.2	74.4	74.3	74.4
Unemployed .....	3,391	2,540	2,718	3,607	2,896	2,900	2,916	2,848	2,852
Unemployment rate .....	6.5	4.8	5.2	6.9	5.5	5.5	5.6	5.4	5.4
<b>Women, 20 years and over</b>									
Civilian labor force .....	39,033	39,738	39,700	38,489	39,396	39,137	38,944	39,253	39,153
Participation rate .....	53.5	53.9	53.8	52.7	53.5	53.1	52.8	53.2	53.0
Employed .....	36,700	37,408	37,546	36,177	37,074	36,784	36,694	36,928	36,991
Employment-population ratio <sup>2</sup> .....	50.3	50.7	50.9	49.6	50.4	49.9	49.8	50.0	50.1
Unemployed .....	2,332	2,330	2,155	2,312	2,321	2,352	2,250	2,325	2,161
Unemployment rate .....	6.0	5.9	5.4	6.0	5.9	6.0	5.8	5.9	5.5
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force .....	6,754	6,525	6,490	7,049	6,948	6,649	6,928	6,804	6,790
Participation rate .....	54.4	54.2	54.0	56.7	57.5	55.1	57.4	56.5	56.5
Employed .....	5,565	5,506	5,498	5,839	5,886	5,595	5,780	5,706	5,776
Employment-population ratio <sup>2</sup> .....	44.8	45.7	45.7	47.0	48.7	46.4	47.9	47.4	48.0
Unemployed .....	1,188	1,019	992	1,210	1,062	1,054	1,148	1,098	1,014
Unemployment rate .....	17.6	15.6	15.3	17.2	15.3	15.9	16.6	16.1	14.9
Men .....	18.8	16.3	17.1	17.6	17.8	16.2	17.3	17.0	16.0
Women .....	16.3	14.9	13.3	16.6	12.6	15.5	15.8	15.2	13.8
<b>BLACK</b>									
Civilian noninstitutional population .....	19,057	19,449	19,481	19,057	19,360	19,386	19,416	19,449	19,481
Civilian labor force .....	11,580	12,202	12,234	11,623	12,076	12,176	12,079	12,185	12,285
Participation rate .....	60.8	62.7	62.8	61.0	62.4	62.8	62.2	62.7	63.1
Employed .....	9,629	10,353	10,479	9,563	10,041	10,226	10,259	10,314	10,443
Employment-population ratio <sup>2</sup> .....	50.5	53.2	53.8	50.2	51.9	52.8	52.8	53.0	53.6
Unemployed .....	1,950	1,849	1,754	2,060	2,035	1,950	1,820	1,872	1,842
Unemployment rate .....	16.8	15.2	14.3	17.7	16.9	16.0	15.1	15.4	15.0
<b>Men, 20 years and over</b>									
Civilian labor force .....	5,566	5,746	5,743	5,568	5,700	5,735	5,684	5,728	5,741
Participation rate .....	74.9	75.0	74.8	74.9	74.9	75.3	74.4	74.8	74.8
Employed .....	4,743	5,022	5,061	4,701	4,802	4,922	4,919	4,962	5,021
Employment-population ratio <sup>2</sup> .....	63.8	65.6	66.0	63.2	63.1	64.6	64.4	64.8	65.4
Unemployed .....	823	724	682	867	897	813	765	765	720
Unemployment rate .....	14.8	12.6	11.9	15.6	15.7	14.2	13.5	13.4	12.5
<b>Women, 20 years and over</b>									
Civilian labor force .....	5,271	5,655	5,698	5,270	5,522	5,604	5,538	5,584	5,710
Participation rate .....	55.9	58.6	58.9	55.9	57.5	58.3	57.5	57.8	59.0
Employed .....	4,502	4,958	4,958	4,449	4,746	4,816	4,840	4,828	4,928
Employment-population ratio <sup>2</sup> .....	47.8	50.4	51.3	47.2	49.5	50.1	50.2	50.0	51.0
Unemployed .....	769	787	740	822	776	788	698	755	781
Unemployment rate .....	14.6	13.9	13.0	15.6	14.0	14.1	12.6	13.5	13.7
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force .....	743	802	793	785	854	837	857	874	834
Participation rate .....	33.7	37.5	37.1	35.6	39.6	38.9	39.9	40.8	39.0
Employed .....	385	464	460	414	492	488	500	523	494
Employment-population ratio <sup>2</sup> .....	17.5	21.7	21.5	18.8	22.8	22.7	23.3	24.4	23.1
Unemployed .....	358	337	332	371	362	349	357	351	340
Unemployment rate .....	48.2	42.1	41.9	47.3	42.4	41.7	41.7	40.2	40.8
Men .....	45.9	44.9	42.8	44.9	42.6	40.6	39.9	45.1	41.8
Women .....	50.9	39.1	40.9	50.0	42.1	42.9	43.7	34.6	39.5
<b>HISPANIC ORIGIN</b>									
Civilian noninstitutional population .....	9,677	9,794	9,901	9,677	9,738	9,785	9,713	9,794	9,901
Civilian labor force .....	6,193	6,354	6,398	6,232	6,293	6,271	6,328	6,339	6,453
Participation rate .....	64.0	64.9	64.6	64.4	64.6	64.1	65.2	64.7	65.2
Employed .....	5,433	5,717	5,755	5,463	5,626	5,600	5,650	5,649	5,807
Employment-population ratio <sup>2</sup> .....	56.1	58.4	58.1	56.5	57.8	57.2	58.2	57.7	58.7
Unemployed .....	760	637	643	769	667	672	678	689	646
Unemployment rate .....	12.3	10.0	10.1	12.3	10.6	10.7	10.7	10.9	10.0

<sup>1</sup> The population figures are not adjusted for seasonal variation; therefore, identical numbers appear in the unadjusted and seasonally adjusted columns.

<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional population.

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

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Table A-4. Selected employment indicators

(Numbers in thousands)

Category	Not seasonally adjusted			Seasonally adjusted					
	Nov. 1983	Oct. 1984	Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984
<b>CHARACTERISTIC</b>									
Civilian employed, 16 years and over .....	103,018	106,262	106,246	102,606	105,395	104,969	105,239	105,586	105,872
Married men, spouse present .....	38,521	39,452	39,427	38,388	39,121	39,029	39,034	39,023	39,348
Married women, spouse present .....	25,534	26,409	26,501	25,057	25,716	25,764	25,641	25,891	25,981
Women who maintain families .....	5,263	5,381	5,383	5,236	5,662	5,507	5,412	5,344	5,362
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>									
<b>Agriculture:</b>									
Wage and salary workers .....	1,392	1,545	1,482	1,481	1,513	1,425	1,569	1,481	1,585
Self-employed workers .....	1,551	1,529	1,555	1,556	1,559	1,568	1,569	1,479	1,561
Unpaid family workers .....	210	193	190	224	230	208	187	173	201
<b>Nonagricultural industries:</b>									
Wage and salary workers .....	91,594	94,818	94,931	91,094	93,841	93,554	94,122	94,369	94,461
Government .....	15,790	16,142	15,918	15,585	15,604	15,782	15,959	16,046	15,745
Private industries .....	75,805	78,676	79,013	75,509	78,236	77,772	78,163	78,323	78,716
Private households .....	1,227	1,227	1,231	1,216	1,239	1,181	1,185	1,209	1,221
Other industries .....	74,578	77,449	77,782	74,293	76,997	76,591	76,979	77,114	77,495
Self-employed workers .....	7,822	7,853	7,731	7,800	7,717	7,829	7,721	7,775	7,693
Unpaid family workers .....	449	324	358	474	306	324	314	312	372
<b>PERSONS AT WORK<sup>1</sup></b>									
<b>Nonagricultural industries</b>									
Full-time schedules .....	96,356	98,357	99,145	93,834	96,848	96,921	96,448	96,577	96,614
Part time for economic reasons .....	76,837	79,636	80,026	75,398	78,659	78,799	78,291	78,459	78,611
Usually work full time .....	5,700	5,211	5,264	5,848	5,300	5,324	5,496	5,479	5,373
Usually work part time .....	1,660	1,508	1,551	1,719	1,589	1,749	1,675	1,606	1,592
Part time for noneconomic reasons .....	4,040	3,703	3,713	4,129	3,711	3,576	3,821	3,873	3,781
Part time for noneconomic reasons .....	13,819	13,510	13,855	12,588	12,889	12,797	12,662	12,638	12,630

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

Table A-5. Range of unemployment measures based on varying definitions of unemployment and the labor force, seasonally adjusted

(Percent)

Measure	Quarterly averages					Monthly data		
	1983		1984			1984		
	III	IV	I	II	III	Sept.	Oct.	Nov.
U-1 Persons unemployed 15 weeks or longer as a percent of the civilian labor force .....	3.7	3.1	2.7	2.4	2.3	2.3	2.2	2.1
U-2 Job losers as a percent of the civilian labor force .....	5.4	4.7	4.2	3.8	3.8	3.7	3.8	3.6
U-3 Unemployed persons 25 years and over as a percent of the civilian labor force .....	7.3	6.6	6.1	5.8	5.8	5.7	5.7	5.5
U-4 Unemployed full-time jobseekers as a percent of the full-time civilian labor force .....	9.3	8.3	7.6	7.2	7.2	7.1	7.1	6.9
U-5a Total unemployed as a percent of the labor force, including the resident Armed Forces .....	9.3	8.4	7.8	7.4	7.4	7.3	7.3	7.0
U-5b Total unemployed as a percent of the civilian labor force .....	9.4	8.5	7.9	7.5	7.5	7.4	7.4	7.2
U-6 Total full-time jobseekers plus ½ part-time jobseekers plus ½ total on part time for economic reasons as a percent of the civilian labor force less ½ of the part-time labor force .....	12.2	11.2	10.5	9.9	9.9	9.9	9.9	9.6
U-7 Total full-time jobseekers plus ½ part-time jobseekers plus ½ total on part time for economic reasons plus discouraged workers as a percent of the civilian labor force plus discouraged workers less ½ of the part-time labor force .....	13.5	12.4	11.6	11.0	10.9	N.A.	N.A.	N.A.

N.A. = not available.

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Table A-6. Selected unemployment indicators, seasonally adjusted

Category	Number of unemployed persons (in thousands)			Unemployment rates <sup>1</sup>					
	Nov. 1983	Oct. 1984	Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984
<b>CHARACTERISTIC</b>									
Total, 16 years and over .....	9,429	8,431	8,154	8.4	7.5	7.5	7.4	7.4	7.2
Men, 16 years and over .....	5,457	4,580	4,509	8.6	7.5	7.2	7.3	7.2	7.0
Men, 20 years and over .....	4,596	3,758	3,751	7.8	6.5	6.4	6.5	6.3	6.3
Women, 16 years and over .....	3,972	3,852	3,645	8.2	7.6	7.9	7.6	7.7	7.3
Women, 20 years and over .....	3,215	3,204	3,038	7.2	6.9	7.1	6.7	6.9	6.6
Both sexes, 16 to 19 years .....	1,618	1,470	1,365	20.2	18.3	18.4	19.3	18.8	17.5
Married men, spouse present .....	2,224	1,866	1,824	5.5	4.6	4.4	4.6	4.6	4.4
Married women, spouse present .....	1,607	1,595	1,466	6.0	5.9	6.0	5.8	5.8	5.3
Women who maintain families .....	613	629	663	10.5	9.6	10.5	10.0	10.5	11.0
Full-time workers .....	7,900	7,000	6,809	8.2	7.2	7.2	7.1	7.1	6.9
Part-time workers .....	1,554	1,442	1,364	9.8	9.6	9.6	9.4	9.1	8.6
Labor force time lost <sup>2</sup> .....	—	—	—	9.7	8.7	8.5	8.5	8.6	8.2
<b>INDUSTRY</b>									
Nonagricultural private wage and salary workers .....	7,076	6,133	6,109	8.6	7.4	7.5	7.4	7.3	7.2
Mining .....	132	114	117	12.8	7.5	10.3	8.6	10.9	11.8
Construction .....	866	780	807	15.6	14.7	14.0	13.8	13.5	14.2
Manufacturing .....	1,957	1,639	1,610	8.9	7.5	7.5	7.6	7.4	7.2
Durable goods .....	1,179	929	935	9.0	6.7	6.9	7.0	7.0	7.0
Nondurable goods .....	778	709	675	8.7	8.6	8.3	8.4	7.9	7.5
Transportation and public utilities .....	379	323	313	6.7	6.1	6.2	6.1	5.3	5.1
Wholesale and retail trade .....	1,924	1,702	1,638	9.1	7.8	7.8	8.2	7.9	7.5
Finance and service industries .....	1,818	1,576	1,624	6.7	5.9	6.1	5.6	5.7	5.8
Government workers .....	806	752	706	4.9	4.5	4.3	4.5	4.5	4.3
Agricultural wage and salary workers .....	276	237	201	15.7	14.6	12.8	15.0	13.8	11.3

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

reasons as a percent of potentially available labor force hours.

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

Table A-7. Duration of unemployment

(Numbers in thousands)

Weeks of unemployment	Not seasonally adjusted			Seasonally adjusted					
	Nov. 1983	Oct. 1984	Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984
<b>DURATION</b>									
Less than 5 weeks .....	3,287	3,421	3,321	3,328	3,462	3,555	3,286	3,431	3,351
5 to 14 weeks .....	2,661	2,286	2,350	2,616	2,490	2,333	2,539	2,399	2,320
15 weeks and over .....	3,181	2,282	2,197	3,527	2,689	2,606	2,600	2,530	2,438
15 to 26 weeks .....	1,211	963	902	1,337	1,100	1,113	1,085	1,099	993
27 weeks and over .....	1,970	1,319	1,295	2,190	1,589	1,493	1,515	1,431	1,445
Average (mean) duration, in weeks .....	19.6	16.3	17.0	20.2	18.1	17.3	17.1	16.5	17.5
Median duration, in weeks .....	8.9	6.5	6.9	9.4	7.6	7.5	7.6	7.2	7.3
<b>PERCENT DISTRIBUTION</b>									
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	36.0	42.8	42.2	35.1	40.1	41.9	39.0	41.0	41.3
5 to 14 weeks .....	29.1	28.6	29.9	27.6	28.8	27.5	30.1	28.7	28.6
15 weeks and over .....	34.8	28.6	27.9	37.2	31.1	30.7	30.9	30.3	30.1
15 to 26 weeks .....	13.3	12.1	11.5	14.1	12.7	13.1	12.9	13.2	12.2
27 weeks and over .....	21.6	16.5	16.5	23.1	19.4	17.6	18.0	17.1	17.8

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Table A-8. Reason for unemployment

(Numbers in thousands)

Reason	Not seasonally adjusted			Seasonally adjusted					
	Nov. 1983	Oct. 1984	Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984
<b>NUMBER OF UNEMPLOYED</b>									
Job losers .....	5,007	3,876	3,971	5,226	4,511	4,218	4,211	4,370	4,154
On layoff .....	1,228	927	981	1,321	1,164	1,152	1,109	1,176	1,058
Other job losers .....	3,779	2,949	2,990	3,905	3,346	3,066	3,102	3,193	3,096
Job leavers .....	874	894	901	868	865	835	845	818	885
Reentrants .....	2,193	2,230	2,100	2,250	2,091	2,322	2,298	2,136	2,147
New entrants .....	1,055	989	896	1,154	1,092	1,093	1,052	1,073	1,003
<b>PERCENT DISTRIBUTION</b>									
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers .....	54.8	48.5	50.5	55.0	52.7	49.8	50.1	52.0	50.7
On layoff .....	13.4	11.6	12.5	13.9	13.6	13.6	13.2	14.0	12.9
Other job losers .....	41.4	36.9	38.0	41.1	39.1	36.2	36.9	38.0	37.8
Job leavers .....	9.6	11.2	11.5	9.1	10.1	9.9	10.1	9.7	10.8
Reentrants .....	24.0	27.9	26.7	23.7	24.4	27.4	27.3	25.4	26.2
New entrants .....	11.6	12.4	11.4	12.1	12.8	12.9	12.5	12.8	12.2
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers .....	4.5	3.4	3.5	4.7	4.0	3.7	3.7	3.8	3.6
On layoff .....	.8	.8	.8	.8	.8	.7	.7	.7	.8
Other job losers .....	2.0	2.0	1.8	2.0	1.8	2.0	2.0	1.9	1.9
Job leavers .....	.9	.9	.8	1.0	1.0	1.0	.9	.9	.9

Table A-9. Unemployed persons by sex and age, seasonally adjusted

Sex and age	Number of unemployed persons (in thousands)			Unemployment rates <sup>1</sup>					
	Nov. 1983	Oct. 1984	Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984
Total, 16 years and over .....	9,429	8,431	8,154	8.4	7.5	7.5	7.4	7.4	7.2
16 to 24 years .....	3,692	3,243	3,125	15.4	13.6	14.0	14.1	13.6	13.1
16 to 19 years .....	1,618	1,470	1,365	20.2	18.3	18.4	19.3	18.8	17.5
16 to 17 years .....	653	606	587	21.9	20.5	21.4	21.3	20.1	19.5
18 to 19 years .....	972	870	785	19.3	16.7	16.7	17.9	18.0	16.5
20 to 24 years .....	2,074	1,773	1,760	13.0	11.3	11.8	11.5	11.1	10.9
25 years and over .....	5,728	5,172	4,990	6.5	5.9	5.8	5.7	5.7	5.5
25 to 54 years .....	5,007	4,452	4,338	6.9	6.2	6.1	5.9	5.9	5.8
55 years and over .....	741	717	650	4.9	4.4	4.6	4.5	4.8	4.4
Men, 16 years and over .....	5,457	4,580	4,509	8.6	7.5	7.2	7.3	7.2	7.0
16 to 24 years .....	2,042	1,754	1,709	15.9	14.6	14.3	14.8	13.9	13.5
16 to 19 years .....	861	822	758	20.2	20.6	18.6	19.9	20.2	18.4
16 to 17 years .....	344	339	309	22.0	23.0	22.1	21.1	21.5	19.7
18 to 19 years .....	524	485	458	19.6	18.8	16.5	19.1	19.3	18.1
20 to 24 years .....	1,181	932	951	13.8	11.7	12.3	12.3	10.9	11.1
25 years and over .....	3,417	2,822	2,793	6.8	5.7	5.5	5.5	5.5	5.4
25 to 54 years .....	2,935	2,388	2,367	7.1	5.9	5.7	5.6	5.6	5.5
55 years and over .....	490	423	415	5.4	4.6	4.6	5.0	4.8	4.7
Women, 16 years and over .....	3,972	3,852	3,645	8.2	7.6	7.9	7.6	7.7	7.3
16 to 24 years .....	1,650	1,489	1,415	14.7	12.5	13.7	13.2	13.2	12.7
16 to 19 years .....	757	648	607	20.1	15.9	18.2	18.6	17.3	16.5
16 to 17 years .....	309	267	278	21.8	17.9	20.6	21.4	18.5	19.3
18 to 19 years .....	448	385	327	19.0	14.4	16.9	16.8	16.6	14.7
20 to 24 years .....	893	841	808	12.0	10.8	11.4	10.4	11.2	10.8
25 years and over .....	2,311	2,349	2,197	6.2	6.1	6.3	5.9	6.1	5.7
25 to 54 years .....	2,072	2,064	1,971	6.6	6.5	6.6	6.3	6.3	6.0
55 years and over .....	251	294	235	4.1	4.2	4.4	3.9	4.8	3.9

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

## HOUSEHOLD DATA

## HOUSEHOLD DATA

Table A-10. Employment status of black and other workers

(Numbers in thousands)

Employment status	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Nov. 1983	Oct. 1984	Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984
Civilian noninstitutional population .....	23,627	24,351	24,477	23,627	24,154	24,181	24,292	24,351	24,477
Civilian labor force .....	14,442	15,436	15,425	14,509	15,196	15,291	15,270	15,426	15,492
Participation rate .....	61.1	63.4	63.0	61.4	62.9	63.2	62.9	63.3	63.3
Employed .....	12,225	13,336	13,422	12,171	12,907	13,052	13,150	13,302	13,386
Employment-population ratio <sup>2</sup> .....	51.7	54.8	54.8	51.5	53.4	54.1	54.1	54.6	54.7
Unemployed .....	2,217	2,100	2,004	2,338	2,290	2,199	2,120	2,124	2,106
Unemployment rate .....	15.4	13.6	13.0	16.1	15.1	14.4	13.9	13.8	13.6
Not in labor force .....	9,185	8,915	9,051	9,118	8,958	8,890	9,022	8,925	8,985

<sup>1</sup> The population figures are not adjusted for seasonal variation; therefore, identical numbers appear in the unadjusted and seasonally adjusted columns.<sup>2</sup> Civilian employment as a percent of the civilian noninstitutional population.

Table A-11. Occupational status of the employed and unemployed, not seasonally adjusted

(Numbers in thousands)

Occupation	Civilian employed		Unemployed		Unemployment rate	
	Nov. 1983	Nov. 1984	Nov. 1983	Nov. 1984	Nov. 1983	Nov. 1984
Total, 16 years and over <sup>1</sup> .....	103,018	106,246	9,129	7,869	8.1	6.9
Managerial and professional specialty .....	24,166	25,264	673	626	2.7	2.4
Executive, administrative, and managerial .....	10,951	11,720	355	306	3.1	2.5
Professional specialty .....	13,214	13,543	318	320	2.3	2.3
Technical, sales, and administrative support .....	31,691	32,921	1,852	1,598	5.5	4.6
Technicians and related support .....	3,047	3,111	146	103	4.6	3.2
Sales occupations .....	12,017	12,930	769	707	6.0	5.2
Administrative support, including clerical .....	16,627	16,880	937	789	5.3	4.5
Service occupations .....	14,141	14,162	1,549	1,361	9.9	8.8
Private household .....	990	1,005	75	67	7.1	6.2
Protective service .....	1,706	1,741	93	111	5.2	6.0
Service, except private household and protective .....	11,444	11,416	1,381	1,183	10.8	9.4
Precision production, craft, and repair .....	12,956	13,230	1,117	940	7.9	6.6
Mechanics and repairers .....	4,276	4,410	258	216	5.7	4.7
Construction trades .....	4,668	4,740	520	497	10.0	9.5
Other precision production, craft, and repair .....	4,012	4,081	338	228	7.8	5.3
Operators, fabricators, and laborers .....	16,723	17,187	2,436	2,053	12.7	10.7
Machine operators, assemblers, and inspectors .....	8,109	8,222	1,135	916	12.3	10.0
Transportation and material moving occupations .....	4,342	4,561	470	475	9.8	9.4
Handlers, equipment cleaners, helpers, and laborers .....	4,272	4,404	831	662	16.3	13.1
Construction laborers .....	665	616	167	161	20.1	20.8
Other handlers, equipment cleaners, helpers, and laborers .....	3,608	3,788	664	501	15.5	11.7
Farming, forestry, and fishing .....	3,342	3,482	405	320	10.8	8.4

<sup>1</sup> Persons with no previous work experience and those whose last job was in the Armed Forces are included in the unemployed total.

## HOUSEHOLD DATA

## HOUSEHOLD DATA

Table A-12. Employment status of male Vietnam-era veterans and nonveterans by age, not seasonally adjusted

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed			
							Number		Percent of labor force	
	Nov. 1983	Nov. 1984	Nov. 1983	Nov. 1984	Nov. 1983	Nov. 1984	Nov. 1983	Nov. 1984	Nov. 1983	Nov. 1984
<b>VETERANS</b>										
Total, 25 years and over .....	7,896	7,924	7,390	7,418	6,870	7,032	520	386	7.0	5.2
25 to 29 years .....	5,744	5,345	5,514	5,130	5,091	4,833	423	297	7.7	5.8
30 to 34 years .....	607	396	561	378	495	342	66	36	11.8	9.5
35 to 39 years .....	2,000	1,567	1,915	1,495	1,739	1,382	176	113	9.2	7.6
40 years and over .....	3,137	3,382	3,038	3,257	2,857	3,109	181	148	6.0	4.5
	2,152	2,579	1,876	2,288	1,779	2,199	97	89	5.2	3.9
<b>NONVETERANS</b>										
Total, 25 to 39 years .....	20,369	21,531	19,209	20,319	17,756	19,135	1,453	1,184	7.6	5.8
25 to 29 years .....	8,783	9,057	8,207	8,461	7,489	7,893	718	568	8.7	6.7
30 to 34 years .....	6,993	7,623	6,636	7,248	6,195	6,863	441	385	6.6	5.3
35 to 39 years .....	4,593	4,851	4,366	4,610	4,072	4,379	294	231	6.7	5.0

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Arm-

ed Forces; published data are limited to those 25 to 39 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

## HOUSEHOLD DATA

## HOUSEHOLD DATA

Table A-13. Employment status of the civilian population for ten large States

(Numbers in thousands)

State and employment status	Not seasonally adjusted <sup>1</sup>			Seasonally adjusted <sup>2</sup>					
	Nov. 1983	Oct. 1984	Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984	Nov. 1984
<b>California</b>									
Civilian noninstitutional population .....	18,930	19,230	19,260	18,930	19,143	19,169	19,199	19,230	19,260
Civilian labor force .....	12,449	12,754	12,753	12,408	12,646	12,665	12,690	12,724	12,708
Employed .....	11,425	11,866	11,844	11,367	11,610	11,697	11,641	11,775	11,781
Unemployed .....	1,024	888	909	1,041	1,036	968	1,049	949	927
Unemployment rate .....	8.2	7.0	7.1	8.4	8.2	7.6	8.3	7.5	7.3
<b>Florida</b>									
Civilian noninstitutional population .....	8,418	8,624	8,644	8,418	8,566	8,584	8,604	8,624	8,644
Civilian labor force .....	5,049	5,139	5,144	5,009	5,080	5,084	5,109	5,066	5,099
Employed .....	4,642	4,779	4,824	4,619	4,723	4,765	4,804	4,740	4,806
Unemployed .....	407	360	320	390	357	319	305	326	293
Unemployment rate .....	8.1	7.0	6.2	7.8	7.0	6.3	6.0	6.4	5.7
<b>Illinois</b>									
Civilian noninstitutional population .....	8,586	8,605	8,608	8,586	8,597	8,598	8,601	8,605	8,608
Civilian labor force .....	5,563	5,612	5,640	5,544	5,538	5,497	5,547	5,625	5,627
Employed .....	5,048	5,120	5,184	5,011	5,080	5,018	5,063	5,096	5,147
Unemployed .....	515	492	456	533	458	479	484	529	480
Unemployment rate .....	9.3	8.8	8.1	9.6	8.3	8.7	8.7	9.4	8.5
<b>Massachusetts</b>									
Civilian noninstitutional population .....	4,496	4,519	4,521	4,496	4,511	4,513	4,516	4,519	4,521
Civilian labor force .....	3,045	3,054	3,075	3,014	3,041	3,038	3,052	3,033	3,046
Employed .....	2,875	2,949	2,971	2,814	2,912	2,883	2,914	2,920	2,915
Unemployed .....	170	104	104	200	129	155	138	113	131
Unemployment rate .....	5.6	3.4	3.4	6.6	4.2	5.1	4.5	3.7	4.3
<b>Michigan</b>									
Civilian noninstitutional population .....	6,740	6,721	6,720	6,740	6,724	6,722	6,721	6,721	6,720
Civilian labor force .....	4,179	4,334	4,329	4,216	4,358	4,334	4,322	4,358	4,386
Employed .....	3,690	3,896	3,866	3,696	3,856	3,862	3,843	3,881	3,888
Unemployed .....	489	438	463	520	502	472	479	477	498
Unemployment rate .....	11.7	10.1	10.7	12.3	11.5	10.9	11.1	10.9	11.4
<b>New Jersey</b>									
Civilian noninstitutional population .....	5,769	5,811	5,815	5,769	5,798	5,801	5,806	5,811	5,815
Civilian labor force .....	3,688	3,771	3,722	3,685	3,812	3,807	3,804	3,788	3,723
Employed .....	3,445	3,579	3,522	3,428	3,564	3,573	3,569	3,560	3,510
Unemployed .....	243	192	200	257	248	234	235	228	213
Unemployment rate .....	6.6	5.1	5.4	7.0	6.5	6.1	6.2	6.0	5.7
<b>New York</b>									
Civilian noninstitutional population .....	13,596	13,652	13,659	13,596	13,633	13,637	13,644	13,652	13,659
Civilian labor force .....	8,003	8,145	8,166	8,098	8,107	8,062	8,072	8,203	8,252
Employed .....	7,420	7,567	7,619	7,476	7,460	7,438	7,507	7,589	7,667
Unemployed .....	583	578	547	622	647	624	565	614	585
Unemployment rate .....	7.3	7.1	6.7	7.7	8.0	7.7	7.0	7.5	7.1
<b>Ohio</b>									
Civilian noninstitutional population .....	8,051	8,053	8,054	8,051	8,050	8,050	8,051	8,053	8,054
Civilian labor force .....	5,146	5,185	5,106	5,113	5,141	5,100	5,145	5,133	5,080
Employed .....	4,582	4,712	4,651	4,557	4,695	4,598	4,670	4,643	4,637
Unemployed .....	564	473	455	556	446	502	475	490	443
Unemployment rate .....	11.0	9.1	8.9	10.9	8.7	9.8	9.2	9.5	8.7
<b>Pennsylvania</b>									
Civilian noninstitutional population .....	9,195	9,219	9,223	9,195	9,210	9,212	9,215	9,219	9,223
Civilian labor force .....	5,617	5,558	5,591	5,554	5,542	5,451	5,483	5,486	5,503
Employed .....	5,066	5,102	5,136	4,969	4,995	4,885	4,962	4,995	5,026
Unemployed .....	552	456	455	585	547	566	521	491	477
Unemployment rate .....	9.8	8.2	8.1	10.5	9.9	10.4	9.5	9.0	8.7
<b>Texas</b>									
Civilian noninstitutional population .....	11,378	11,667	11,694	11,378	11,585	11,610	11,638	11,667	11,694
Civilian labor force .....	7,666	8,051	7,984	7,657	8,097	8,036	8,058	8,047	7,991
Employed .....	7,145	7,628	7,549	7,124	7,602	7,581	7,608	7,591	7,537
Unemployed .....	521	423	435	533	495	455	450	456	454
Unemployment rate .....	6.8	5.3	5.4	7.0	6.1	5.7	5.6	5.7	5.7

<sup>1</sup> These are the official Bureau of Labor Statistics' estimates used in the administration of Federal fund allocation programs.

<sup>2</sup> The population figures are not adjusted for seasonal variation; therefore, identical numbers appear in the unadjusted and the seasonally adjusted columns.

## ESTABLISHMENT DATA

## ESTABLISHMENT DATA

Table B-1. Employees on nonagricultural payrolls by industry

(In thousands)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Nov. 1983	Sept. 1984	Oct. 1984 <sup>p</sup>	Nov. 1984 <sup>p</sup>	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984 <sup>p</sup>	Nov. 1984 <sup>p</sup>
<b>Total</b> .....	92,406	95,358	95,894	96,215	91,688	94,350	94,523	94,807	95,150	95,453
<b>Total private</b> .....	76,294	79,597	79,698	79,899	75,814	78,422	78,566	78,698	79,067	79,383
<b>Goods-producing</b> .....	24,294	25,587	25,511	25,377	24,058	25,059	25,098	25,010	25,078	25,131
Mining .....	970	1,024	1,013	1,016	967	1,007	1,017	1,020	1,013	1,013
Oil and gas extraction .....	602.6	639.7	641.2	651.0	603	629	636	642	644	651
Construction .....	4,231	4,654	4,647	4,586	4,073	4,356	4,356	4,374	4,384	4,414
General building contractors .....	1,097.6	1,201.9	1,198.1	1,188.3	1,064	1,133	1,132	1,140	1,142	1,153
Manufacturing .....	19,093	19,909	19,851	19,775	19,018	19,696	19,725	19,616	19,681	19,704
Production workers .....	13,117	13,715	13,652	13,570	13,048	13,541	13,558	13,448	13,493	13,501
Durable goods .....	11,201	11,836	11,819	11,799	11,170	11,702	11,758	11,696	11,748	11,772
Production workers .....	7,539	7,997	7,978	7,950	7,511	7,899	7,945	7,876	7,915	7,925
Lumber and wood products .....	692.7	730.6	723.5	709.6	695	708	706	703	710	712
Furniture and fixtures .....	471.8	486.5	491.5	497.6	467	485	484	481	486	493
Stone, clay, and glass products .....	596.2	622.0	620.7	616.3	589	606	603	603	607	610
Primary metal industries .....	860.8	871.9	858.9	855.6	869	880	879	865	865	864
Blast furnaces and basic steel products .....	345.0	325.0	316.1	315.6	351	342	334	324	320	321
Fabricated metal products .....	1,426.8	1,504.7	1,504.2	1,501.3	1,420	1,490	1,491	1,485	1,494	1,495
Machinery, except electrical .....	2,103.0	2,249.8	2,249.4	2,248.6	2,106	2,242	2,252	2,243	2,254	2,251
Electrical and electronic equipment .....	2,114.2	2,281.3	2,280.0	2,281.0	2,109	2,252	2,267	2,263	2,269	2,276
Transportation equipment .....	1,843.3	1,962.5	1,960.3	1,958.3	1,832	1,926	1,961	1,939	1,945	1,949
Motor vehicles and equipment .....	831.6	884.7	880.7	886.6	823	858	894	864	866	880
Instruments and related products .....	705.7	728.7	728.9	732.3	705	727	726	726	728	732
Miscellaneous manufacturing .....	386.0	397.7	401.1	398.2	378	386	389	388	390	390
Nondurable goods .....	7,892	8,073	8,032	7,976	7,848	7,994	7,967	7,920	7,933	7,932
Production workers .....	5,578	5,718	5,674	5,620	5,537	5,642	5,613	5,572	5,578	5,576
Food and kindred products .....	1,648.9	1,729.8	1,698.7	1,659.2	1,629	1,655	1,642	1,630	1,641	1,640
Tobacco manufactures .....	68.3	73.5	74.3	72.2	66	66	65	69	69	70
Textile mill products .....	764.2	752.3	740.3	732.2	760	755	751	744	734	729
Apparel and other textile products .....	1,206.7	1,199.4	1,197.8	1,187.0	1,195	1,206	1,200	1,181	1,178	1,175
Paper and allied products .....	672.0	684.4	686.0	684.4	671	687	686	680	685	683
Printing and publishing .....	1,320.9	1,372.6	1,378.8	1,388.0	1,317	1,368	1,371	1,375	1,379	1,384
Chemicals and allied products .....	1,047.2	1,065.2	1,062.5	1,063.8	1,050	1,064	1,067	1,063	1,064	1,066
Petroleum and coal products .....	193.0	188.6	187.8	185.5	192	187	187	186	186	184
Rubber and miscellaneous plastics products .....	757.5	808.5	808.6	807.9	758	801	800	798	804	809
Leather and leather products .....	213.7	198.7	196.8	195.3	210	205	198	194	193	192
<b>Service-producing</b> .....	68,112	69,771	70,383	70,838	67,630	69,291	69,425	69,797	70,072	70,322
Transportation and public utilities .....	5,071	5,265	5,272	5,280	5,043	5,175	5,202	5,213	5,225	5,250
Transportation .....	2,791	2,987	3,002	3,003	2,763	2,896	2,924	2,937	2,955	2,973
Communication and public utilities .....	2,280	2,278	2,270	2,277	2,280	2,279	2,278	2,276	2,270	2,277
Wholesale trade .....	5,363	5,605	5,638	5,647	5,344	5,528	5,544	5,588	5,613	5,628
Durable goods .....	3,132	3,296	3,308	3,315	3,128	3,268	3,278	3,293	3,301	3,312
Nondurable goods .....	2,231	2,309	2,330	2,332	2,216	2,260	2,266	2,295	2,312	2,316
Retail trade .....	16,022	16,489	16,545	16,828	15,805	16,283	16,295	16,342	16,479	16,596
General merchandise stores .....	2,313.3	2,285.8	2,355.6	2,517.9	2,195	2,301	2,303	2,318	2,349	2,389
Food stores .....	2,620.9	2,660.8	2,686.1	2,724.5	2,594	2,648	2,640	2,648	2,678	2,698
Automotive dealers and service stations .....	1,702.0	1,770.7	1,769.0	1,772.1	1,703	1,762	1,758	1,755	1,762	1,772
Eating and drinking places .....	5,049.9	5,412.5	5,305.0	5,268.5	5,082	5,211	5,238	5,255	5,279	5,300
Finance, insurance, and real estate .....	5,520	5,707	5,705	5,714	5,530	5,676	5,679	5,684	5,708	5,725
Finance .....	2,783	2,862	2,869	2,883	2,777	2,854	2,850	2,856	2,866	2,877
Insurance .....	1,725	1,764	1,771	1,776	1,728	1,759	1,763	1,766	1,775	1,780
Real estate .....	1,012	1,081	1,065	1,055	1,025	1,063	1,066	1,062	1,067	1,068
Services .....	20,024	20,944	21,027	21,053	20,034	20,701	20,748	20,861	20,964	21,053
Business services .....	3,735.1	4,117.7	4,155.8	4,168.3	3,703	4,035	4,069	4,085	4,111	4,135
Health services .....	6,018.6	6,090.6	6,092.9	6,112.2	6,016	6,079	6,034	6,085	6,087	6,112
<b>Government</b> .....	16,112	15,761	16,196	16,316	15,874	15,928	15,957	16,109	16,083	16,070
Federal .....	2,741	2,776	2,755	2,763	2,759	2,779	2,785	2,804	2,772	2,780
State .....	3,768	3,654	3,793	3,813	3,669	3,697	3,714	3,725	3,711	3,713
Local .....	9,604	9,331	9,648	9,740	9,446	9,452	9,458	9,580	9,600	9,577

p = preliminary.



## ESTABLISHMENT DATA

## ESTABLISHMENT DATA

Table B-2. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonagricultural payrolls by industry

Industry	Not seasonally adjusted				Seasonally adjusted					
	Nov. 1983	Sept. 1984	Oct. 1984 p	Nov. 1984 p	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984 p	Nov. 1984 p
<b>Total private</b> .....	35.1	35.5	35.2	35.1	35.2	35.2	35.2	35.4	35.1	35.2
<b>Mining</b> .....	42.9	44.0	43.2	43.6	(2)	(2)	(2)	(2)	(2)	(2)
<b>Construction</b> .....	36.3	38.5	38.0	37.4	(2)	(2)	(2)	(2)	(2)	(2)
<b>Manufacturing</b> .....	40.8	40.7	40.5	40.7	40.6	40.5	40.5	40.6	40.4	40.5
Overtime hours .....	3.4	3.6	3.4	3.5	3.3	3.3	3.3	3.3	3.3	3.4
<b>Durable goods</b> .....	41.5	41.5	41.2	41.4	41.3	41.2	41.2	41.5	41.2	41.2
Overtime hours .....	3.6	3.7	3.6	3.7	3.5	3.5	3.4	3.5	3.5	3.6
Lumber and wood products .....	39.7	40.4	39.7	39.2	40.0	39.3	39.4	40.2	39.6	39.5
Furniture and fixtures .....	40.1	40.1	40.2	40.1	39.8	39.8	39.1	39.9	39.6	39.8
Stone, clay, and glass products .....	42.0	42.4	42.1	42.2	41.8	41.9	41.7	42.0	41.8	42.0
Primary metal industries .....	41.6	41.5	41.0	41.4	41.7	41.5	41.0	41.3	41.4	41.5
Blast furnaces and basic steel products .....	40.4	40.3	39.5	40.2	40.8	39.9	39.6	40.0	40.2	40.6
Fabricated metal products .....	41.6	41.4	41.3	41.3	41.4	41.3	41.1	41.5	41.3	41.1
Machinery, except electrical .....	41.6	42.0	41.6	41.8	41.3	41.8	42.0	42.0	41.8	41.5
Electrical and electronic equipment .....	41.4	41.2	40.9	41.4	41.1	40.8	40.9	41.2	40.9	41.2
Transportation equipment .....	42.9	42.3	42.4	42.6	42.6	42.2	42.4	42.8	42.4	42.3
Motor vehicles and equipment .....	44.1	43.2	43.2	43.1	44.1	42.4	43.3	43.9	43.2	43.1
Instruments and related products .....	41.0	41.6	41.1	41.8	40.7	41.3	41.1	41.5	41.2	41.6
Miscellaneous manufacturing .....	39.8	39.6	39.5	39.7	(2)	(2)	(2)	(2)	(2)	(2)
<b>Nondurable goods</b> .....	40.0	39.7	39.5	39.7	39.8	39.4	39.5	39.4	39.3	39.6
Overtime hours .....	3.2	3.4	3.1	3.2	3.1	3.1	3.1	3.0	2.9	3.2
Food and kindred products .....	39.9	40.2	39.8	40.1	39.6	39.5	39.7	39.6	39.6	39.8
Tobacco manufactures .....	40.1	39.6	40.1	40.4	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products .....	41.0	39.4	39.0	39.4	40.6	39.8	39.4	39.2	38.7	39.1
Apparel and other textile products .....	36.8	36.0	36.2	36.3	36.7	35.8	36.0	35.9	36.0	36.2
Paper and allied products .....	43.2	43.4	43.1	43.3	43.1	43.3	43.1	43.1	43.0	43.2
Printing and publishing .....	38.1	38.1	37.9	38.3	37.9	37.7	37.8	37.9	37.9	38.1
Chemicals and allied products .....	42.1	42.0	41.7	41.9	41.9	41.9	42.0	41.8	41.7	41.7
Petroleum and coal products .....	43.9	44.2	43.7	43.9	43.7	43.2	43.9	43.1	43.5	43.7
Rubber and miscellaneous plastics products .....	42.0	41.5	41.4	41.7	(2)	(2)	(2)	(2)	(2)	(2)
Leather and leather products .....	37.3	36.4	36.3	36.6	37.2	37.0	36.0	36.5	36.4	36.4
<b>Transportation and public utilities</b> .....	39.3	39.9	39.3	39.4	39.2	39.8	39.4	39.8	39.2	39.3
<b>Wholesale trade</b> .....	38.7	38.8	38.7	38.7	38.6	38.6	38.7	38.8	38.6	38.6
<b>Retail trade</b> .....	29.8	30.1	29.7	29.7	30.0	29.9	29.9	30.0	29.8	29.9
<b>Finance, insurance, and real estate</b> .....	36.1	36.6	36.4	36.4	(2)	(2)	(2)	(2)	(2)	(2)
<b>Services</b> .....	32.6	32.8	32.6	32.6	32.7	32.7	32.6	32.8	32.7	32.7

<sup>1</sup> 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 employees on private nonagricultural payrolls.

<sup>2</sup> This series is not published 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.

## ESTABLISHMENT DATA

## ESTABLISHMENT DATA

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

Industry	Average hourly earnings				Average weekly earnings			
	Nov. 1983	Sept. 1984	Oct. 1984 p	Nov. 1984 p	Nov. 1983	Sept. 1984	Oct. 1984 p	Nov. 1984 p
<b>Total private</b> .....	\$8.16	\$8.43	\$8.41	\$8.44	\$286.42	\$299.27	\$296.03	\$296.24
<i>Seasonally adjusted</i> .....	8.14	8.40	8.38	8.43	286.53	297.36	294.14	296.74
<b>Mining</b> .....	11.40	11.66	11.50	11.54	489.06	513.04	496.80	503.14
<b>Construction</b> .....	11.91	12.15	12.14	12.03	432.33	467.78	461.32	449.92
<b>Manufacturing</b> .....	8.97	9.23	9.22	9.30	365.98	375.66	373.41	378.51
<b>Durable goods</b> .....	9.53	9.77	9.75	9.83	395.50	405.46	401.70	406.96
Lumber and wood products .....	7.79	8.15	8.07	8.03	309.26	329.26	320.38	314.78
Furniture and fixtures .....	6.73	6.95	6.95	6.96	269.87	278.70	279.39	279.10
Stone, clay, and glass products .....	9.41	9.64	9.63	9.62	395.22	408.74	405.42	405.96
Primary metal industries .....	11.32	11.39	11.32	11.50	470.91	472.69	464.12	476.10
Blast furnaces and basic steel products .....	12.71	13.01	12.87	13.00	513.48	524.30	508.37	522.60
Fabricated metal products .....	9.24	9.41	9.37	9.42	384.38	389.57	386.98	389.05
Machinery, except electrical .....	9.74	10.01	10.02	10.09	405.18	420.42	416.83	421.76
Electrical and electronic equipment .....	8.77	9.08	9.07	9.18	363.08	374.10	370.96	380.05
Transportation equipment .....	12.01	12.23	12.28	12.40	515.23	517.33	520.67	528.24
Motor vehicles and equipment .....	12.49	12.69	12.79	12.92	550.81	548.21	552.53	556.85
Instruments and related products .....	8.56	8.92	8.88	8.89	350.96	371.07	364.97	371.60
Miscellaneous manufacturing .....	6.84	7.01	7.01	7.05	272.23	277.60	276.90	279.89
<b>Nondurable goods</b> .....	8.18	8.44	8.43	8.53	327.20	335.07	332.99	338.64
Food and kindred products .....	8.26	8.37	8.33	8.48	329.57	336.47	331.53	340.05
Tobacco manufactures .....	10.77	10.31	10.21	11.39	431.88	408.28	409.42	460.16
Textile mill products .....	6.26	6.49	6.49	6.53	256.66	255.71	253.11	257.28
Apparel and other textile products .....	5.43	5.61	5.59	5.59	199.82	201.96	202.36	202.92
Paper and allied products .....	10.20	10.55	10.54	10.70	440.64	457.87	454.27	463.31
Printing and publishing .....	9.26	9.51	9.49	9.51	352.81	362.33	359.67	364.23
Chemicals and allied products .....	10.86	11.23	11.31	11.38	457.21	471.66	471.63	476.82
Petroleum and coal products .....	13.45	13.54	13.61	13.63	590.46	598.47	594.76	598.36
Rubber and miscellaneous plastics products .....	8.07	8.31	8.31	8.41	338.94	344.87	344.03	350.70
Leather and leather products .....	5.57	5.72	5.71	5.72	207.76	208.21	207.27	209.35
<b>Transportation and public utilities</b> .....	11.01	11.27	11.24	11.31	432.69	449.67	441.73	445.61
<b>Wholesale trade</b> .....	8.68	9.05	8.99	9.06	335.92	351.14	347.91	350.62
<b>Retail trade</b> .....	5.82	5.89	5.89	5.92	173.44	177.29	174.93	175.82
<b>Finance, insurance, and real estate</b> .....	7.39	7.76	7.69	7.76	266.78	284.02	279.92	282.46
<b>Services</b> .....	7.44	7.69	7.70	7.74	242.54	252.23	251.02	252.32

1 See footnote 1, table B-2.

p = preliminary.

Table B-4. Hourly Earnings Index for production or nonsupervisory workers' on private nonagricultural payrolls by industry

(1977 = 100)

Industry	Not seasonally adjusted					Seasonally adjusted						
	Nov. 1983	Sept. 1984	Oct. 1984p	Nov. 1984p	Percent change from: Nov. 1983–Nov. 1984	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984p	Nov. 1984p	Percent change from: Oct. 1984–Nov. 1984
<b>Total private nonfarm:</b>												
Current dollars .....	157.4	161.9	161.5	162.2	3.1	157.2	160.8	160.6	161.6	161.4	162.1	0.4
Constant (1977) dollars .....	94.7	94.1	93.9	N.A.	(2)	94.6	95.2	94.1	94.2	93.9	N.A.	(3)
<b>Mining</b> .....	169.5	175.7	174.3	175.6	3.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)
<b>Construction</b> .....	145.3	148.6	148.3	146.8	1.0	145.2	146.6	146.6	146.8	146.4	146.8	.3
<b>Manufacturing</b> .....	159.4	163.5	163.6	164.5	3.2	159.4	162.9	163.3	163.4	163.8	164.5	.5
Transportation and public utilities .....	159.9	163.5	163.4	164.3	2.8	158.7	162.6	161.9	163.0	162.9	163.1	.1
Wholesale trade .....	160.8	167.5	166.5	167.7	4.3	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Retail trade .....	151.8	154.1	153.9	154.3	1.6	152.3	154.0	153.6	154.0	154.2	154.7	.4
Finance, insurance, and real estate .....	160.8	168.3	166.9	168.2	4.6	(4)	(4)	(4)	(4)	(4)	(4)	(4)
Services .....	158.8	164.7	164.2	165.1	3.9	158.5	163.4	162.8	164.7	164.2	164.8	.3

1 See footnote 1, table B-2.

2 Percent change is -0.8 percent from October 1983 to October 1984, the latest month available.

3 Percent change is -0.3 percent from September 1984 to October 1984, the latest month available.

4 These series are 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.

N.A. = not available.

p = preliminary.

## ESTABLISHMENT DATA

## ESTABLISHMENT DATA

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

(1977 = 100)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Nov. 1983	Sept. 1984	Oct. 1984 p	Nov. 1984 p	Nov. 1983	July 1984	Aug. 1984	Sept. 1984	Oct. 1984 p	Nov. 1984 p
Total .....	109.2	115.2	114.4	114.6	108.7	112.6	112.7	113.4	113.2	114.0
Goods-producing .....	96.9	103.6	102.3	101.6	95.6	99.9	100.1	100.0	99.7	100.3
Mining .....	110.4	120.6	117.1	118.5	109.7	116.2	118.0	119.2	116.0	117.9
Construction .....	108.8	128.2	126.3	122.0	105.5	115.3	115.6	117.2	116.2	118.5
Manufacturing .....	93.9	98.0	96.9	96.9	93.0	96.1	96.2	95.8	95.7	96.0
Durable goods .....	91.8	97.4	96.6	96.7	91.0	95.5	96.0	96.0	95.8	95.9
Lumber and wood products .....	93.9	101.2	98.2	94.7	95.0	95.1	95.0	96.4	96.0	95.9
Furniture and fixtures .....	101.5	104.6	106.1	107.5	99.6	103.6	101.3	102.5	103.1	105.2
Stone, clay, and glass products .....	87.7	92.6	91.8	91.1	86.1	88.8	88.0	88.4	88.6	89.5
Primary metal industries .....	71.1	72.2	70.3	70.6	72.0	73.0	72.0	71.1	71.7	71.6
Blast furnaces and basic steel products .....	60.8	57.3	54.6	55.3	62.9	60.4	58.1	56.9	56.7	57.3
Fabricated metal products .....	88.5	94.0	93.7	93.6	87.5	92.6	92.4	92.7	92.8	92.7
Machinery, except electrical .....	88.7	97.7	96.8	97.0	88.2	97.0	98.1	97.3	97.5	96.4
Electrical and electronic equipment .....	108.1	116.3	115.3	116.6	107.2	113.7	114.9	115.3	114.7	115.9
Transportation equipment .....	92.7	96.9	96.5	96.8	91.1	94.9	97.8	96.8	95.7	95.3
Motor vehicles and equipment .....	87.6	91.0	90.6	91.1	85.6	86.7	93.1	89.8	88.4	89.1
Instruments and related products .....	107.1	110.6	109.5	111.0	106.4	109.9	108.5	109.6	109.6	110.4
Miscellaneous manufacturing .....	86.6	89.3	90.2	89.9	83.3	85.4	85.5	86.1	85.8	86.4
Nondurable goods .....	97.1	98.8	97.5	97.3	95.9	96.9	96.5	95.6	95.5	96.1
Food and kindred products .....	98.1	106.2	102.4	99.7	95.9	98.0	97.5	96.5	97.2	97.3
Tobacco manufactures .....	97.0	105.4	108.2	105.5	90.6	88.7	88.6	93.8	95.8	98.6
Textile mill products .....	84.9	80.2	78.0	78.0	83.5	81.1	79.9	78.7	76.6	76.8
Apparel and other textile products .....	93.4	91.1	91.2	90.7	92.5	90.7	90.8	89.2	89.3	89.5
Paper and allied products .....	98.0	100.4	99.0	99.9	97.6	100.6	100.1	98.9	98.5	99.4
Printing and publishing .....	111.8	118.4	118.5	120.4	112.7	117.1	117.4	117.8	118.5	119.1
Chemicals and allied products .....	95.4	96.6	95.3	96.2	95.2	96.3	96.7	95.9	95.7	96.2
Petroleum and coal products .....	90.3	88.4	88.2	87.8	88.8	84.7	86.1	84.5	86.1	86.5
Rubber and miscellaneous plastics products .....	108.3	114.0	113.9	114.8	108.4	113.4	112.7	112.2	112.7	114.9
Leather and leather products .....	83.2	74.8	73.7	73.4	81.2	78.9	73.7	72.9	72.2	71.3
Service-producing .....	116.1	121.6	121.1	121.7	116.0	119.7	119.7	120.8	120.7	121.5
Transportation and public utilities .....	102.6	108.4	107.0	107.5	101.7	106.1	105.7	106.8	105.5	106.5
Wholesale trade .....	110.8	116.7	117.2	117.5	110.1	114.4	114.9	116.1	116.2	116.5
Retail trade .....	109.0	112.9	112.0	113.8	108.3	111.0	111.1	111.7	111.8	113.1
Finance, insurance, and real estate .....	119.8	125.5	124.5	124.5	120.6	124.7	124.2	125.4	124.8	125.4
Services .....	127.8	134.4	134.4	134.3	128.4	132.5	132.4	134.1	134.2	134.8

¹ See footnote 1, table B-2.

p = preliminary.

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

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1982 .....	27.6	47.6	35.7	30.8	41.6	33.0	34.6	32.4	37.3	28.9	32.4	45.7
	1983 .....	54.3	46.5	60.8	68.9	69.5	64.6	74.3	68.6	69.5	75.4	69.7	73.8
	1984 .....	71.1	73.2	67.0	63.8	64.1	63.0	62.4	57.6	40.8	66.2p	55.1p	
Over 3-month span	1982 .....	25.1	27.8	28.4	27.3	27.6	28.6	23.5	24.1	26.5	25.9	27.8	41.6
	1983 .....	46.8	57.3	64.1	75.1	75.7	77.8	74.1	81.6	80.8	78.9	79.5	77.6
	1984 .....	82.4	80.5	76.5	71.1	68.4	68.9	63.5	58.1	57.8p	54.1p		
Over 6-month span	1982 .....	19.5	22.2	21.9	24.6	20.3	21.4	20.8	18.9	23.2	27.3	29.5	35.4
	1983 .....	50.8	63.0	69.2	75.1	80.0	82.4	84.1	82.4	84.6	85.9	86.8	83.8
	1984 .....	81.9	82.7	79.7	75.4	69.2	63.2	63.2p	64.1p				
Over 12-month span	1982 .....	21.6	21.4	17.6	18.1	16.2	18.1	21.1	21.1	25.1	31.6	34.1	40.3
	1983 .....	49.5	54.3	61.9	71.1	77.3	79.5	83.8	88.1	86.8	87.3	85.4	87.3
	1984 .....	86.5	81.9	78.9	76.5p	73.0p							

¹ Number of employees, seasonally adjusted for 1, 3, and 6 month spans, on payrolls of 185 private nonagricultural industries.  
p = preliminary.

NOTE: Figures are the percent of industries with employment rising. (Half of the unchanged components are counted as rising.) Data are centered within the spans.

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