

# News

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Media contact: 523-1913

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## THE EMPLOYMENT SITUATION: DECEMBER 1983

Unemployment continued to decline and employment rose in December, the Bureau of Labor Statistics of the U.S. Department of Labor reported today. The overall unemployment rate, 8.1 percent, and the rate for civilian workers, 8.2 percent, each fell two-tenths of a percentage point in December and were two-and-a-half points below the 1982 recession highs.

Total civilian employment--as measured by the monthly survey of households--rose by 335,000 over the month, and the number of employees on nonagricultural payrolls--as measured by the monthly survey of establishments--rose by 230,000. Over the past year, total civilian employment has risen by 4 million, and nonfarm payroll jobs have increased by 3 million. Measurement and coverage differences in the two surveys account for a large part of this growth difference.

### Unemployment (Household Survey Data)

The number of unemployed persons fell by 230,000 in December to 9.2 million, seasonally adjusted, continuing the year-long decline. The unemployment rate for all civilian workers dropped to 8.2 percent from November's 8.4 percent rate. Over the year, the jobless total has declined by more than 2.6 million, and the rate has fallen by 2.5 percentage points. (See table A-1.)

The December decline was concentrated largely among adult men (20 years and over), whose jobless rate fell by 0.4 percentage point to 7.4 percent. There was also a sizable drop in the rate for young adult women (20 to 24 year-olds), from 12.0 to 11.0 percent. Unemployment among full-time workers also continued to decline. Jobless rates for most other major worker groups were little changed in December. Over the year, however, there were declines in both the number and rate of unemployment for most worker groups except for black women and black teenagers. Adult men accounted for more than half the decline in the jobless level. (See tables A-2, A-3, and A-9.)

The unemployment rate for manufacturing workers continued its downtrend with a 0.6 percentage point drop to 8.3 percent in December. Compared with December 1982, workers in all industries except government and agriculture showed substantial improvements in their unemployment rates. The decline was sharpest in the durable goods industries, which had been severely impacted by the recession. (See table A-6.)

The decline in unemployment was concentrated among the long-term unemployed, as both measures of the average duration of unemployment--the mean and median--declined in December to 19.6 and 9.0 weeks, respectively. (See table A-7.)

As in November, the unemployment decline occurred primarily among persons who had been permanently separated from their last job. The number of persons who had been unemployed because of other reasons--those on layoff, job leavers, and new entrants and reentrants to the labor force--were all essentially unchanged in December. Over the past year, more than

\*\*\*\*\*  
\* This release incorporates annual revisions in seasonally adjusted \*  
\* unemployment and other labor force series derived from the household survey. \*  
\* The revisions slightly altered the overall unemployment rate in 6 months of \*  
\* 1983 and the rate for civilian workers in only 2 months. The 1983 rates as \*  
\* first computed and as revised, plus additional information on the revisions, \*  
\* appear on page 4. \*  
\*\*\*\*\*

four-fifths of the overall reduction in joblessness took place among job losers (those on layoff as well as those permanently separated from their jobs). (See table A-8.)

Civilian Employment and the Labor Force (Household Survey Data)

The number of employed civilians increased by 335,000 in December to 102.9 million, seasonally adjusted. This followed an even larger increase in the previous month, bringing the 2-month employment gain to almost 1 million. Slightly over half of the 2-month increase was among adult men. Since the December 1982 low, employment has grown by 4 million. This included increases totaling nearly half a million among groups not covered by the survey of establishments--the nonagricultural self-employed, unpaid family workers, and private household workers. (See tables A-2 and A-4.)

In terms of occupational groups, over-the-year employment gains were widespread. The largest increase occurred among precision production, craft, and repair workers. (See table A-11.)

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

Category	Quarterly averages			Monthly data			Nov.- Dec. change
	1982	1983		1983			
	IV	III	IV	Oct.	Nov.	Dec.	
<b>HOUSEHOLD DATA</b>							
<b>Thousands of persons</b>							
Labor force 1/.....	112,493	113,737	113,702	113,561	113,720	113,824	104
Total employment 1/.....	100,718	103,209	104,195	103,665	104,291	104,629	338
Civilian labor force.....	110,829	112,057	112,012	111,866	112,035	112,136	101
Civilian employment.....	99,054	101,528	102,506	101,970	102,606	102,941	335
Unemployment.....	11,775	10,529	9,507	9,896	9,429	9,195	-234
Not in labor force.....	62,217	62,392	62,938	62,913	62,916	62,985	69
Discouraged workers.....	1,813	1,610	1,457	N.A.	N.A.	N.A.	N.A.
<b>Percent of labor force</b>							
Unemployment rates:							
All workers 1/.....	10.5	9.3	8.4	8.7	8.3	8.1	-0.2
All civilian workers.....	10.6	9.4	8.5	8.8	8.4	8.2	-0.2
Adult men.....	9.9	8.7	7.8	8.2	7.8	7.4	-0.4
Adult women.....	9.0	7.9	7.2	7.5	7.2	7.1	-0.1
Teenagers.....	24.1	22.4	20.6	21.6	20.2	20.1	-0.1
White.....	9.5	8.1	7.4	7.7	7.3	7.1	-0.2
Black.....	20.6	19.4	17.9	18.3	17.7	17.8	0.1
Hispanic origin.....	15.3	12.8	12.1	12.4	12.3	11.6	-0.7
<b>ESTABLISHMENT DATA</b>							
<b>Thousands of jobs</b>							
Nonfarm payroll employment.....	88,796	90,250	91,381p	91,087	91,413p	91,644p	231p
Goods-producing industries.....	23,160	23,830	24,308p	24,168	24,322p	24,434p	112p
Service-producing industries.....	65,636	66,421	67,073p	66,919	67,091p	67,210p	119p
<b>Hours of work</b>							
Average weekly hours:							
Total private nonfarm.....	34.7	35.1	35.2p	35.3	35.2p	35.2p	0p
Manufacturing.....	39.0	40.4	40.6p	40.6	40.6p	40.5p	-0.1p
Manufacturing overtime.....	2.3	3.1	3.3p	3.3	3.3p	3.4p	0.1p

1/ Includes the resident Armed Forces.  
p=preliminary.

N.A.=not available.

NOTE: Household data in this table have been revised. See note on page 4.

The civilian labor force, at 112.1 million, seasonally adjusted, was virtually unchanged in December. Over the past year, the labor force has grown by 1.3 million--about 730,000 adult men and 875,000 adult women. The number of teenagers who were in the labor force declined by 290,000.

#### Discouraged Workers (Household Survey Data)

The number of discouraged workers--persons who report that they want a job but are not looking for work because they believe they could not find any--declined in the fourth quarter of 1983 to 1.5 million; this was 350,000 below the recession high posted in the final quarter of 1982. Blacks continued to make up a disproportionately large share of all discouraged workers--31 percent in the fourth quarter of 1983. (See table A-13.)

#### Industry Payroll Employment (Establishment Survey Data)

Total nonagricultural payroll employment rose by 230,000 in December to 91.6 million, seasonally adjusted, continuing the strong job gains in evidence during 1983. Manufacturing and the services industry continued to register substantial growth. As in the past several months, job gains were widespread, with nearly two-thirds of the 186 industries in the BLS index of diffusion registering increases over the month. (See tables B-1 and B-6.)

Manufacturing job increases totaled 90,000 in December, with gains concentrated in several of the durable goods industries--electrical and electronic equipment, transportation equipment, and fabricated metals. The electrical and transportation equipment industries have both made strong recoveries from their recessionary low levels. In contrast, job recovery has been weak in fabricated metals. Nondurable goods employment increases over the month were essentially limited to apparel and rubber and plastic products.

Elsewhere, employment in the services industry increased by 70,000. There were also small gains in mining, wholesale trade, and finance, insurance, and real estate. Employment in construction remained near November's level but was up by 350,000 since its recessionary low of last March.

The number of payroll jobs has risen by 3 million since the December 1982 recession low and now exceeds the July 1981 pre-recession employment high, by 160,000. Employment grew by approximately 1 million each in manufacturing and services over the past year. Factory employment, however, remained about 1 million below its pre-recession level.

#### Weekly Hours (Establishment Survey Data)

The average workweek of production or nonsupervisory workers on private nonfarm payrolls was unchanged in December at 35.2 hours, seasonally adjusted, and has remained at about this level since September. Weekly hours in manufacturing edged down 0.1 hour to 40.5 hours, while factory overtime was up a tenth to 3.4 hours, the highest since 1979. (See table B-2.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls rose by 0.4 percent in December to 108.7 (1977=100). The manufacturing index was also up 0.4 percent to 94.0 and was 13.1 percent above last December's low. (See table B-5.)

#### Hourly and Weekly Earnings (Establishment Survey Data)

Average hourly and weekly earnings each rose by 0.5 percent in December, seasonally adjusted. Before adjustment for seasonality, average hourly earnings, at \$8.16, were up 1 cent over the month and 34 cents over the year. Weekly earnings increased by \$3.61 over the month to \$289.68, \$15.98 above a year earlier. (See table B-3.)

The Hourly Earnings Index (Establishment Survey Data)

The Hourly Earnings Index (HEI) was 157.6 (1977=100) in December, seasonally adjusted, an increase of 0.5 percent from November. For the 12 months ended in December, the increase (before seasonal adjustment) was 3.7 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 increased 1.0 percent during the 12-month period ended in November. (See table B-4.)

Revisions of Seasonally Adjusted Household Survey Data

At the end of each calendar year, the BLS routinely 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.

Table B summarizes the effects of the revisions on the overall and civilian worker unemployment rates in 1983. The 1983 annual averages, 9.5 percent for all workers and 9.6 percent for civilian workers, are not affected by seasonal adjustment revisions. Table C presents revised seasonally adjusted data for major civilian labor force series for December 1982 through December 1983.

The January 1984 issue of Employment and Earnings will contain the new seasonal adjustment factors to be used to calculate the civilian labor force and other major series for January-June of 1984, a description of the current seasonal adjustment methodology, and revised data for the most recent 13 months or calendar quarters for all regularly published tables containing seasonally adjusted household survey data. Revised data for the entire 1979-83 revision period for 438 labor force series will be published in the February 1984 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 Gloria P. Green, 202-523-1944.)

**Table B. Seasonally adjusted unemployment rates in 1983 and change due to revision**

Month	As first computed		As revised		Change due to revision	
	Overall	Civilian	Overall	Civilian	Overall	Civilian
January.....	10.2	10.4	10.3	10.4	0.1	0
February.....	10.2	10.4	10.2	10.4	0	0
March.....	10.1	10.3	10.2	10.3	.1	0
April.....	10.1	10.2	10.1	10.2	0	0
May.....	10.0	10.1	9.9	10.1	-.1	0
June.....	9.8	10.0	9.8	10.0	0	0
July.....	9.3	9.5	9.3	9.5	0	0
August.....	9.4	9.5	9.3	9.5	-.1	0
September.....	9.1	9.3	9.1	9.2	0	-0.1
October.....	8.7	8.8	8.7	8.8	0	0
November.....	8.2	8.4	8.3	8.4	.1	0
December.....	8.0*	8.1*	8.1	8.2	.1	.1

\* Not published.

Table C. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted

(Numbers in thousands)

Employment status, sex, and age	1983												
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
<b>TOTAL</b>													
Civilian noninstitutional population/.....	173,199	173,354	173,505	173,656	173,794	173,953	174,125	174,306	174,440	174,602	174,779	174,951	175,121
Civilian labor force.....	110,873	110,677	110,688	110,735	110,975	110,950	111,905	111,825	112,117	112,229	111,866	112,035	112,136
Percent of population	64.0	63.8	63.8	63.8	63.9	63.8	64.3	64.2	64.3	64.3	64.0	64.0	64.0
Employed.....	98,979	99,154	99,172	99,316	99,606	99,762	100,743	101,225	101,484	101,876	101,970	102,606	102,941
Employment-population ratio <sup>2</sup> /.....	57.1	57.2	57.2	57.2	57.3	57.3	57.9	58.1	58.2	58.3	58.3	58.6	58.8
Unemployed.....	11,894	11,523	11,516	11,419	11,369	11,188	11,162	10,600	10,633	10,353	9,896	9,429	9,195
Unemployment rate.....	10.7	10.4	10.4	10.3	10.2	10.1	10.0	9.5	9.5	9.2	8.8	8.4	8.2
<b>Men, 20 years and over</b>													
Civilian noninstitutional population/.....	74,236	74,339	74,434	74,528	74,611	74,712	74,814	74,927	75,012	75,115	75,216	75,327	75,433
Civilian labor force.....	58,319	58,131	58,225	58,268	58,512	58,546	58,844	58,982	58,954	59,012	58,949	59,053	59,050
Percent of population	78.6	78.2	78.2	78.2	78.4	78.4	78.7	78.7	78.6	78.6	78.4	78.4	78.3
Employed.....	52,483	52,508	52,508	52,673	52,830	52,963	53,492	53,765	53,804	53,947	54,140	54,457	54,658
Employment-population ratio <sup>2</sup> /.....	70.7	70.6	70.5	70.7	70.8	70.9	71.5	71.8	71.7	71.8	72.0	72.3	72.5
Agriculture.....	2,419	2,436	2,402	2,425	2,421	2,440	2,497	2,521	2,475	2,431	2,376	2,336	2,374
Nonagricultural industries.....	50,064	50,072	50,106	50,248	50,409	50,523	50,995	51,244	51,329	51,516	51,764	52,121	52,284
Unemployed.....	5,6	5,623	5,717	5,595	5,682	5,583	5,352	5,217	5,150	5,065	4,809	4,596	4,392
Unemployment rate.....	10	9.7	9.8	9.6	9.7	9.5	9.1	8.8	8.7	8.6	8.2	7.8	7.4
Not in labor force.....	15,417	16,208	16,209	16,260	16,099	16,166	15,970	15,945	16,058	16,103	16,267	16,274	16,383
<b>Women, 20 years and over</b>													
Civilian noninstitutional population/.....	83,383	83,490	83,593	83,699	83,794	83,899	84,008	84,122	84,224	84,333	84,443	84,553	84,666
Civilian labor force.....	44,188	44,234	44,248	44,259	44,311	44,331	44,684	44,647	44,896	45,062	44,936	44,953	45,024
Percent of population	53.0	53.0	52.9	52.9	52.9	52.8	53.2	53.1	53.3	53.4	53.2	53.2	53.2
Employed.....	40,162	40,255	40,315	40,368	40,531	40,583	40,847	41,123	41,298	41,550	41,570	41,738	41,843
Employment-population ratio <sup>2</sup> /.....	48.2	48.2	48.2	48.2	48.4	48.4	48.6	48.9	49.0	49.3	49.2	49.4	49.4
Agriculture.....	610	617	640	632	621	605	634	613	627	581	597	638	653
Nonagricultural industries.....	39,552	39,638	39,675	39,736	39,910	39,978	40,213	40,510	40,671	40,969	40,973	41,100	41,190
Unemployed.....	4,026	3,979	3,933	3,891	3,780	3,748	3,837	3,524	3,598	3,512	3,366	3,215	3,181
Unemployment rate.....	9.1	9.0	8.9	8.8	8.5	8.5	8.6	7.9	8.0	7.8	7.5	7.2	7.1
Not in labor force.....	39,195	39,256	39,345	39,440	39,483	39,568	39,324	39,475	39,328	39,271	39,507	39,600	39,642
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population/.....	15,580	15,525	15,478	15,429	15,389	15,342	15,303	15,257	15,204	15,154	15,120	15,072	15,022
Civilian labor force.....	8,366	8,312	8,215	8,208	8,152	8,073	8,377	8,196	8,267	8,155	7,981	8,029	8,062
Percent of population	53.7	53.5	53.1	53.2	53.0	52.6	54.7	53.7	54.4	53.8	52.8	53.3	53.7
Employed.....	6,334	6,391	6,349	6,275	6,245	6,216	6,404	6,337	6,382	6,379	6,260	6,411	6,440
Employment-population ratio <sup>2</sup> /.....	40.7	41.2	41.0	40.7	40.6	40.5	41.8	41.5	42.0	42.1	41.4	42.5	42.9
Agriculture.....	400	367	373	329	350	329	348	365	347	296	267	283	329
Nonagricultural industries.....	5,934	6,024	5,976	5,946	5,895	5,887	6,056	5,972	6,035	6,083	5,993	6,128	6,111
Unemployed.....	2,032	1,921	1,866	1,933	1,907	1,857	1,973	1,859	1,885	1,776	1,721	1,618	1,622
Unemployment rate.....	24.3	23.1	22.7	23.6	23.4	23.0	23.6	22.7	22.8	21.8	21.6	20.2	20.1
Not in labor force.....	7,214	7,213	7,263	7,221	7,237	7,269	6,926	7,061	6,937	6,999	7,139	7,043	6,960

1/ The population figures are not adjusted for seasonal variation.

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

# 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 approximately 189,000 establishments employing about 36 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 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 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 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 335,000; for total unemployment it is 240,000; and, for the overall unemployment rate, it is 0.21 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 .29 percentage point; for teenagers, it is 1.28 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 \$6.00 per issue or \$39.00 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

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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*					
	Dec. 1982	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
<b>TOTAL</b>									
Noninstitutional population <sup>1</sup>	174,864	176,636	176,809	174,864	176,122	176,297	176,474	176,636	176,809
Labor force <sup>2</sup>	112,142	113,832	113,483	112,538	113,799	113,924	113,561	113,720	113,824
Participation rate <sup>3</sup>	64.1	64.4	64.2	64.4	64.6	64.6	64.3	64.4	64.4
Total employed <sup>4</sup>	100,514	104,703	104,491	100,644	103,166	103,571	103,665	104,291	104,629
Employment-population ratio <sup>4</sup>	57.5	59.3	59.1	57.6	58.6	58.7	58.7	59.0	59.2
Resident Armed Forces	1,665	1,685	1,688	1,665	1,682	1,695	1,695	1,685	1,688
Civilian employed	98,849	103,018	102,803	98,979	101,484	101,876	101,970	102,606	102,941
Agriculture	3,011	3,152	2,950	3,429	3,449	3,308	3,240	3,257	3,356
Nonagricultural industries	95,838	99,866	99,852	95,550	98,035	98,568	98,730	99,349	99,585
Unemployed	11,628	9,129	8,992	11,894	10,633	10,353	9,896	9,429	9,195
Unemployment rate <sup>5</sup>	10.4	8.0	7.9	10.6	9.3	9.1	8.7	8.3	8.1
Not in labor force	62,722	62,804	63,326	62,326	62,323	62,373	62,913	62,916	62,985
<b>Men, 16 years and over</b>									
Noninstitutional population <sup>1</sup>	83,581	84,423	84,506	83,581	84,173	84,261	84,344	84,423	84,506
Labor force <sup>2</sup>	63,817	64,550	64,406	64,263	64,807	64,877	64,709	64,846	64,838
Participation rate <sup>3</sup>	76.4	76.5	76.2	76.9	77.0	77.0	76.7	76.8	76.7
Total employed <sup>4</sup>	56,809	59,323	59,096	57,294	58,607	58,828	58,950	59,389	59,580
Employment-population ratio <sup>4</sup>	68.0	70.3	69.9	68.5	69.6	69.8	69.9	70.3	70.5
Resident Armed Forces	1,529	1,534	1,537	1,529	1,538	1,549	1,543	1,534	1,537
Civilian employed	55,280	57,789	57,559	55,765	57,069	57,279	57,407	57,855	58,043
Unemployed	7,009	5,227	5,310	6,969	6,204	6,049	5,459	5,457	5,258
Unemployment rate <sup>5</sup>	11.0	8.1	8.2	10.8	9.6	9.3	8.9	8.4	8.1
<b>Women, 16 years and over</b>									
Noninstitutional population <sup>1</sup>	91,283	92,214	92,302	91,283	91,949	92,036	92,129	92,214	92,302
Labor force <sup>2</sup>	48,325	49,282	49,077	48,275	48,992	49,047	48,852	48,874	48,986
Participation rate <sup>3</sup>	52.9	53.4	53.2	52.9	53.3	53.3	53.0	53.0	53.1
Total employed <sup>4</sup>	43,706	45,380	45,395	43,350	44,559	44,743	44,715	44,902	45,049
Employment-population ratio <sup>4</sup>	47.9	49.2	49.2	47.5	48.5	48.6	48.5	48.7	48.8
Resident Armed Forces	136	151	151	136	144	146	152	151	151
Civilian employed	43,570	45,229	45,244	43,214	44,415	44,597	44,563	44,751	44,898
Unemployed	4,619	3,902	3,683	4,925	4,433	4,304	4,137	3,972	3,937
Unemployment rate <sup>5</sup>	9.6	7.9	7.5	10.2	9.0	8.8	8.5	8.1	8.0

<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).  
 NOTE: Seasonally adjusted data in this table have been revised. See note on page 4.

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*					
	Dec. 1982	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
<b>TOTAL</b>									
Civilian noninstitutional population	173,199	174,951	175,121	173,199	174,440	174,602	174,779	174,951	175,121
Civilian labor force	110,477	112,147	111,795	110,873	112,117	112,229	111,866	112,035	112,146
Participation rate	63.8	64.1	63.8	64.0	64.3	64.3	64.0	64.0	64.0
Employed	98,949	103,018	102,803	98,979	101,484	101,876	101,970	102,606	102,941
Employment-population ratio <sup>1</sup>	57.1	58.9	58.7	57.1	58.2	58.4	58.3	58.6	58.8
Unemployed	11,628	9,129	8,992	11,894	10,633	10,353	9,896	9,429	9,195
Unemployment rate	10.5	8.1	8.0	10.7	9.5	9.2	8.8	8.4	8.2
<b>Men, 20 years and over</b>									
Civilian noninstitutional population	74,236	75,327	75,433	74,236	75,012	75,115	75,216	75,327	75,433
Civilian labor force	58,186	58,996	58,915	58,319	58,954	59,012	58,949	59,053	59,050
Participation rate	78.4	78.3	78.1	78.6	78.6	78.4	78.4	78.4	78.3
Employed	52,290	54,631	54,452	52,483	53,804	53,947	54,140	54,457	54,658
Employment-population ratio <sup>1</sup>	70.4	72.5	72.2	70.7	71.7	71.8	72.0	72.3	72.5
Agriculture	2,240	2,342	2,188	2,419	2,475	2,431	2,376	2,346	2,374
Nonagricultural industries	50,049	52,289	52,265	50,064	51,329	51,516	51,764	52,111	52,284
Unemployed	5,896	4,365	4,463	5,836	5,150	5,065	4,809	4,596	4,392
Unemployment rate	10.1	7.4	7.6	10.0	8.7	8.6	8.2	7.8	7.4
<b>Women, 20 years and over</b>									
Civilian noninstitutional population	83,383	84,553	84,666	83,383	84,224	84,333	84,443	84,553	84,666
Civilian labor force	44,371	45,475	45,246	44,188	44,896	45,062	44,936	44,953	45,024
Participation rate	53.2	53.8	53.4	53.0	53.3	53.4	53.2	53.2	53.2
Employed	40,522	42,294	42,191	40,162	41,298	41,550	41,570	41,738	41,843
Employment-population ratio <sup>1</sup>	48.6	50.0	49.8	48.2	49.0	49.3	49.2	49.5	49.4
Agriculture	514	596	554	610	627	581	597	638	653
Nonagricultural industries	40,008	41,698	41,637	39,552	40,671	40,969	40,973	41,100	41,190
Unemployed	3,849	3,180	3,055	4,026	3,598	3,512	3,366	3,215	3,181
Unemployment rate	8.7	7.0	6.8	9.1	8.0	7.8	7.5	7.2	7.1
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population	15,580	15,072	15,022	15,580	15,204	15,154	15,120	15,072	15,022
Civilian labor force	7,420	7,677	7,633	8,366	8,267	8,155	7,991	8,029	8,062
Participation rate	50.8	50.9	50.8	53.7	54.4	53.8	52.8	53.3	53.7
Employed	6,037	6,093	6,159	6,334	6,382	6,379	6,260	6,411	6,440
Employment-population ratio <sup>1</sup>	38.7	40.4	41.0	40.7	42.0	42.1	41.4	42.5	42.9
Agriculture	257	215	209	400	347	296	267	283	229
Nonagricultural industries	5,780	5,879	5,951	5,934	6,035	6,083	5,993	6,128	6,111
Unemployed	1,883	1,584	1,474	2,032	1,885	1,776	1,721	1,618	1,622
Unemployment rate	23.8	20.6	19.3	24.3	22.8	21.8	21.6	20.2	20.1

<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: Seasonally adjusted data in this table have been revised. See note on page 4.



## 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>					
	Dec. 1982	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
<b>WHITE</b>									
Civilian noninstitutional population	150,056	151,324	151,484	150,056	151,003	151,021	151,175	151,324	151,484
Civilian labor force	96,194	97,705	97,352	96,613	97,498	97,507	97,339	97,559	97,724
Participation rate	64.1	64.6	64.3	64.4	64.6	64.6	64.4	64.5	64.5
Employed	87,172	90,793	90,626	87,292	89,503	89,693	89,851	90,430	90,179
Employment-population ratio <sup>2</sup>	58.1	60.0	59.8	58.2	59.3	59.4	59.4	59.8	59.9
Unemployed	9,022	6,912	6,724	9,321	7,995	7,814	7,488	7,129	6,945
Unemployment rate	9.4	7.1	6.9	9.6	8.2	8.0	7.7	7.3	7.1
<b>Men, 20 years and over</b>									
Civilian labor force	51,214	51,919	51,854	51,430	51,878	51,881	51,902	52,021	52,063
Participation rate	78.7	78.8	78.6	79.1	78.9	79.0	78.9	78.9	78.9
Employed	46,590	48,527	48,387	46,770	47,886	47,908	48,128	48,414	48,589
Employment-population ratio <sup>2</sup>	71.6	73.6	73.3	71.9	72.9	72.9	73.1	73.5	73.6
Unemployed	4,624	3,391	3,468	4,660	3,992	3,973	3,774	3,607	3,474
Unemployment rate	9.0	6.5	6.7	9.1	7.7	7.7	7.3	6.9	6.7
<b>Women, 20 years and over</b>									
Civilian labor force	38,004	39,033	38,754	37,849	38,356	38,468	38,438	38,489	38,556
Participation rate	52.7	53.5	53.0	52.5	52.7	52.8	52.7	52.7	52.8
Employed	35,078	36,700	36,593	34,774	35,767	35,928	36,016	36,177	36,292
Employment-population ratio <sup>2</sup>	48.6	50.3	50.1	48.2	49.2	49.3	49.4	49.6	49.7
Unemployed	2,926	2,332	2,162	3,075	2,589	2,540	2,422	2,312	2,264
Unemployment rate	7.7	6.0	5.6	8.1	6.7	6.6	6.3	6.0	5.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force	6,976	6,754	6,744	7,334	7,264	7,158	6,999	7,049	7,105
Participation rate	54.1	54.4	54.3	56.9	57.9	57.3	56.2	56.7	57.2
Employed	5,504	5,565	5,649	5,748	5,850	5,857	5,707	5,839	5,898
Employment-population ratio <sup>2</sup>	42.7	44.8	45.5	44.6	46.6	46.9	45.8	47.0	47.5
Unemployed	1,472	1,188	1,095	1,586	1,414	1,301	1,292	1,210	1,207
Unemployment rate	21.1	17.6	16.2	21.6	19.5	18.2	18.5	17.2	17.0
Men	24.3	18.8	18.7	22.8	20.7	18.9	19.8	17.6	17.5
Women	17.7	16.3	13.6	20.4	18.2	17.4	16.9	16.6	16.5
<b>BLACK</b>									
Civilian noninstitutional population	18,740	19,057	19,086	18,740	18,966	18,994	19,026	19,057	19,086
Civilian labor force	11,452	11,580	11,561	11,547	11,724	11,720	11,565	11,623	11,650
Participation rate	61.1	60.8	60.6	61.6	61.8	61.7	60.8	61.0	61.0
Employed	9,136	9,629	9,589	9,128	9,408	9,504	9,449	9,563	9,582
Employment-population ratio <sup>2</sup>	48.8	50.5	50.2	48.7	49.6	50.0	49.7	50.2	50.2
Unemployed	2,316	1,950	1,972	2,419	2,316	2,216	2,116	2,060	2,068
Unemployment rate	20.2	16.8	17.1	20.9	19.8	18.9	18.3	17.7	17.8
<b>Men, 20 years and over</b>									
Civilian labor force	5,467	5,566	5,544	5,491	5,578	5,553	5,501	5,568	5,565
Participation rate	75.4	74.9	74.4	75.7	75.6	75.1	74.2	74.9	74.7
Employed	4,340	4,743	4,706	4,353	4,563	4,613	4,601	4,701	4,722
Employment-population ratio <sup>2</sup>	59.8	63.8	63.2	60.0	61.8	62.4	62.1	63.2	63.4
Unemployed	1,126	823	838	1,138	1,015	940	894	867	843
Unemployment rate	20.6	14.8	15.1	20.7	18.2	16.9	16.3	15.6	15.1
<b>Women, 20 years and over</b>									
Civilian labor force	5,214	5,271	5,294	5,225	5,312	5,358	5,277	5,270	5,303
Participation rate	56.5	55.9	56.1	56.6	56.7	57.1	56.1	55.9	56.2
Employed	4,398	4,502	4,507	4,352	4,440	4,495	4,438	4,448	4,461
Employment-population ratio <sup>2</sup>	47.7	47.8	47.7	47.2	47.4	47.9	47.2	47.2	47.3
Unemployed	816	769	787	873	872	863	839	822	842
Unemployment rate	15.6	14.6	14.9	16.7	16.4	16.1	15.9	15.6	15.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force	771	743	723	831	834	809	787	785	782
Participation rate	34.1	33.7	32.9	36.8	37.6	36.6	35.6	35.6	35.6
Employed	397	385	375	423	405	396	404	414	399
Employment-population ratio <sup>2</sup>	17.6	17.5	17.1	18.7	18.3	17.9	18.3	18.8	18.2
Unemployed	373	358	348	408	429	413	383	371	383
Unemployment rate	48.4	48.2	48.1	49.1	51.4	51.1	48.7	47.3	49.0
Men	54.4	45.9	47.9	52.1	53.7	52.7	45.6	44.9	46.4
Women	42.2	50.9	48.3	45.8	48.8	49.2	52.2	50.0	51.9
<b>HISPANIC ORIGIN</b>									
Civilian noninstitutional population	9,301	9,677	9,735	9,301	9,690	9,700	9,745	9,677	9,735
Civilian labor force	5,829	6,193	6,156	5,938	6,145	6,202	6,165	6,232	6,267
Participation rate	62.7	64.0	63.2	63.8	63.4	63.9	63.3	64.4	64.4
Employed	4,949	5,433	5,466	5,016	5,350	5,392	5,398	5,463	5,540
Employment-population ratio <sup>2</sup>	53.2	56.1	56.1	53.9	55.2	55.6	55.4	56.5	56.9
Unemployed	880	760	690	922	795	810	767	769	727
Unemployment rate	15.1	12.3	11.2	15.5	12.9	13.1	12.4	12.3	11.6

<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. Seasonally adjusted data in this table have been revised. See note on page 4.

# HOUSEHOLD DATA

# HOUSEHOLD DATA

**Table A-4. Selected employment indicators**

(Numbers in thousands)

Category	Not seasonally adjusted			Seasonally adjusted					
	Dec. 1982	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
<b>CHARACTERISTIC</b>									
Civilian employed, 16 years and over .....	98,849	103,018	102,803	98,979	101,484	101,876	101,970	102,606	102,941
Married men, spouse present .....	37,419	38,521	38,393	37,492	38,281	38,232	38,240	38,388	38,494
Married women, spouse present .....	24,422	25,534	25,433	24,129	24,905	24,921	24,953	25,057	25,140
Women who maintain families .....	5,032	5,263	5,298	4,985	5,096	5,124	5,172	5,236	5,254
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>									
<b>Agriculture:</b>									
Wage and salary workers .....	1,303	1,392	1,248	1,567	1,628	1,572	1,505	1,481	1,512
Self-employed workers .....	1,539	1,551	1,504	1,609	1,564	1,515	1,527	1,556	1,572
Unpaid family workers .....	170	210	199	224	240	236	227	224	265
<b>Nonagricultural industries:</b>									
Wage and salary workers .....	88,179	91,594	91,754	87,827	90,032	90,743	90,617	91,094	91,422
Government .....	15,695	15,790	15,688	15,486	15,671	15,560	15,578	15,585	15,481
Private industries .....	72,483	75,805	76,066	72,341	74,361	75,183	75,039	75,509	75,941
Private households .....	1,176	1,227	1,230	1,181	1,270	1,279	1,278	1,216	1,241
Other industries .....	71,307	74,578	74,836	71,160	73,091	73,904	73,761	74,293	74,700
Self-employed workers .....	7,314	7,822	7,681	7,355	7,641	7,656	7,695	7,800	7,734
Unpaid family workers .....	345	449	417	373	375	380	405	474	450
<b>PERSONS AT WORK<sup>1</sup></b>									
Nonagricultural industries .....	92,377	96,356	96,603	90,064	91,953	93,322	93,273	93,834	94,173
Full-time schedules .....	72,911	76,837	77,312	71,470	73,499	74,666	75,047	75,398	75,802
Part time for economic reasons .....	6,154	5,700	5,534	6,367	5,866	6,027	5,724	5,848	5,712
Usually work full time .....	2,100	1,660	1,674	2,103	1,742	1,771	1,617	1,719	1,672
Usually work part time .....	4,054	4,040	3,860	4,264	4,124	4,256	4,107	4,129	4,040
Part time for noneconomic reasons .....	13,312	13,819	13,757	12,227	12,588	12,629	12,502	12,588	12,659

<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.

NOTE: Seasonally adjusted data in this table have been revised. See note on page 4.

**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		
	1982	1983				1983		
		IV	I	II	III	IV	Oct.	Nov.
U-1 Persons unemployed 15 weeks or longer as a percent of the civilian labor force .....	4.0	4.2	4.0	3.7	3.1	3.3	3.1	3.0
U-2 Job losers as a percent of the civilian labor force .....	6.6	6.2	6.0	5.4	4.7	5.0	4.7	4.5
U-3 Unemployed persons 25 years and over as a percent of the civilian labor force .....	8.3	8.1	7.9	7.3	6.6	6.8	6.5	6.4
U-4 Unemployed full-time jobseekers as a percent of the full-time civilian labor force .....	10.6	10.3	10.0	9.3	8.3	8.7	8.2	8.0
U-5a Total unemployed as a percent of the labor force, including the resident Armed Forces .....	10.5	10.2	10.0	9.3	8.4	8.7	8.3	8.1
U-5b Total unemployed as a percent of the civilian labor force .....	10.6	10.4	10.1	9.4	8.5	8.8	8.4	8.2
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 .....	13.7	13.4	12.9	12.2	11.2	11.5	11.1	10.8
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 .....	15.2	14.9	14.4	13.5	12.4	N.A.	N.A.	N.A.

N.A. = not available.

NOTE: Data in this table have been revised. See note on page 4.

# HOUSEHOLD DATA

# HOUSEHOLD DATA

Table A-6. Selected unemployment indicators, seasonally adjusted

Category	Number of unemployed persons (in thousands)			Unemployment rates <sup>1</sup>					
	Dec. 1982	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
<b>CHARACTERISTIC</b>									
Total, 16 years and over .....	11,894	9,429	9,195	10.7	9.5	9.2	8.8	8.4	8.2
Men, 16 years and over .....	6,969	5,457	5,258	11.1	9.8	9.6	9.1	8.6	8.3
Men, 20 years and over .....	5,836	4,596	4,392	10.0	8.7	8.6	8.2	7.8	7.4
Women, 16 years and over .....	4,925	3,972	3,937	10.2	9.1	8.8	8.5	8.2	8.1
Women, 20 years and over .....	4,026	3,215	3,181	9.1	8.0	7.8	7.5	7.2	7.1
Both sexes, 16 to 19 years .....	2,032	1,618	1,622	24.3	22.8	21.8	21.6	20.2	20.1
Married men, spouse present .....	3,042	2,224	2,112	7.5	6.3	6.1	5.7	5.5	5.2
Married women, spouse present .....	2,118	1,607	1,636	8.1	6.9	6.8	6.3	6.0	6.1
Women who maintain families .....	768	613	645	13.3	11.8	12.0	11.4	10.5	10.9
Full-time workers .....	10,171	7,900	7,658	10.7	9.3	9.1	8.7	8.2	8.0
Part-time workers .....	1,758	1,554	1,567	11.1	10.2	10.1	10.0	9.8	9.8
Labor force time lost <sup>2</sup> .....	--	--	--	12.2	10.7	10.5	10.0	9.7	9.4
<b>INDUSTRY</b>									
Nonagricultural private wage and salary workers ...	9,361	7,076	6,899	11.5	9.8	9.4	9.0	8.6	8.3
Mining .....	199	132	125	18.2	14.9	16.9	12.1	12.8	12.4
Construction .....	1,131	866	910	21.6	17.9	18.1	15.8	15.6	16.3
Manufacturing .....	3,155	1,957	1,821	14.2	11.2	10.2	9.6	8.9	8.3
Durable goods .....	2,127	1,179	1,075	16.1	11.7	10.9	10.2	9.0	8.3
Nondurable goods .....	1,028	778	746	11.4	10.5	9.3	8.7	8.7	8.2
Transportation and public utilities .....	458	379	374	8.0	7.7	7.4	7.2	6.7	6.5
Wholesale and retail trade .....	2,311	1,924	1,860	11.1	9.8	9.5	9.8	9.1	8.8
Finance and service industries .....	2,107	1,818	1,809	8.0	7.2	7.0	6.9	6.7	6.6
Government workers .....	859	806	815	5.3	5.1	5.0	5.1	4.9	5.0
Agricultural wage and salary workers .....	306	276	279	16.3	15.1	16.5	16.2	15.7	15.6

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

NOTE: Data in this table have been revised. See note on page 4.

<sup>2</sup> Aggregate hours lost by the unemployed and persons on part time for economic reasons as a percent of potentially available labor force hours.

Table A-7. Duration of unemployment

(Numbers in thousands)

Weeks of unemployment	Not seasonally adjusted			Seasonally adjusted					
	Dec. 1982	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
<b>DURATION</b>									
Less than 5 weeks .....	3,611	3,287	3,159	3,898	3,633	3,740	3,504	3,328	3,382
5 to 14 weeks .....	3,588	2,661	2,631	3,419	2,951	2,784	2,725	2,616	2,504
15 weeks and over .....	4,429	3,181	3,202	4,660	4,078	3,889	3,655	3,527	3,369
15 to 26 weeks .....	2,026	1,211	1,254	2,077	1,597	1,383	1,372	1,337	1,284
27 weeks and over .....	2,403	1,970	1,948	2,583	2,481	2,506	2,283	2,190	2,085
Average (mean) duration, in weeks .....	18.3	19.6	19.4	18.4	19.9	20.2	20.1	20.2	19.6
Median duration, in weeks .....	10.6	8.9	9.1	10.4	9.4	9.4	9.5	9.4	9.0
<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 .....	31.1	36.0	35.1	32.5	34.1	35.9	35.5	35.1	36.5
5 to 14 weeks .....	30.9	29.1	29.3	28.5	27.7	26.7	27.6	27.6	27.1
15 weeks and over .....	38.1	34.8	35.6	38.9	38.2	37.3	37.0	37.2	36.4
15 to 26 weeks .....	17.4	13.3	13.9	17.3	15.0	13.3	13.9	14.1	13.9
27 weeks and over .....	20.7	21.6	21.7	21.6	23.3	24.1	23.1	23.1	22.5

NOTE: Seasonally adjusted data in this table have been revised. See note on page 4.

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**Table A-8. Reason for unemployment**

(Numbers in thousands)

Reason	Not seasonally adjusted			Seasonally adjusted					
	Dec. 1982	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
<b>NUMBER OF UNEMPLOYED</b>									
Job losers .....	7,384	5,007	5,238	7,114	6,133	5,938	5,601	5,226	5,017
On layoff .....	2,519	1,228	1,406	2,335	1,660	1,562	1,392	1,321	1,283
Other job losers .....	4,865	3,779	3,832	4,779	4,473	4,376	4,209	3,905	3,734
Job leavers .....	736	874	766	826	799	858	866	868	855
Reentrants .....	2,392	2,193	2,005	2,684	2,479	2,362	2,322	2,250	2,246
New entrants .....	1,115	1,055	983	1,282	1,214	1,234	1,127	1,154	1,150
<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 .....	63.5	54.8	58.2	59.8	57.7	57.1	56.5	55.0	54.1
On layoff .....	21.7	13.4	15.6	19.6	15.6	15.0	14.0	13.9	13.8
Other job losers .....	41.8	41.4	42.6	40.1	42.1	42.1	42.4	41.1	40.3
Job leavers .....	6.3	9.6	8.5	6.9	7.5	8.3	8.7	9.1	9.2
Reentrants .....	20.6	24.0	22.3	22.5	23.3	22.7	23.4	23.7	24.2
New entrants .....	9.6	11.6	10.9	10.8	11.4	11.9	11.4	12.1	12.4
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers .....	6.7	4.5	4.7	6.4	5.5	5.3	5.0	4.7	4.5
Job leavers .....	.7	.8	.7	.7	.7	.8	.8	.8	.8
Reentrants .....	2.2	2.0	1.8	2.4	2.2	2.1	2.1	2.0	2.0
New entrants .....	1.0	.9	.9	1.2	1.1	1.1	1.0	1.0	1.0

NOTE: Seasonally adjusted data in this table have been revised. See note on page 4.

**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>					
	Dec. 1982	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
<b>Total, 16 years and over</b> .....	11,894	9,429	9,195	10.7	9.5	9.2	8.8	8.4	8.2
16 to 24 years .....	4,636	3,692	3,564	18.9	17.2	16.5	16.3	15.4	14.9
16 to 19 years .....	2,032	1,618	1,622	24.3	22.8	21.8	21.6	20.2	20.1
18 to 17 years .....	887	653	700	27.5	24.8	24.0	24.0	21.9	22.9
18 to 19 years .....	1,170	972	947	22.7	21.6	20.5	20.3	19.3	18.8
20 to 24 years .....	2,504	2,074	1,942	16.1	14.4	13.8	13.6	13.0	12.2
25 years and over .....	7,288	5,728	5,659	8.4	7.3	7.2	6.8	6.5	6.4
25 to 54 years .....	6,442	5,007	4,938	9.0	7.8	7.7	7.2	6.9	6.8
55 years and over .....	862	741	742	5.7	5.1	5.2	5.0	4.9	4.9
<b>Men, 16 years and over</b> .....	6,969	5,457	5,258	11.1	9.8	9.6	9.1	8.6	8.3
16 to 24 years .....	2,677	2,042	1,998	20.5	18.6	17.6	17.3	15.9	15.6
16 to 19 years .....	1,133	864	866	25.7	24.3	22.8	22.5	20.2	20.4
18 to 17 years .....	493	344	372	28.7	26.0	23.9	24.3	22.0	23.3
18 to 19 years .....	648	524	501	24.2	23.2	22.2	21.6	19.6	18.9
20 to 24 years .....	1,544	1,181	1,132	17.9	15.7	15.0	14.7	13.8	13.3
25 years and over .....	4,319	3,417	3,283	8.7	7.5	7.5	7.0	6.8	6.5
25 to 54 years .....	3,761	2,935	2,799	9.2	8.0	8.0	7.4	7.1	6.7
55 years and over .....	554	490	481	6.2	5.4	5.6	5.4	5.4	5.4
<b>Women, 16 years and over</b> .....	4,925	3,972	3,937	10.2	9.1	8.8	8.5	8.2	8.1
16 to 24 years .....	1,959	1,650	1,566	17.1	15.7	15.2	15.1	14.7	14.0
16 to 19 years .....	899	757	756	22.8	21.1	20.6	20.5	20.1	19.8
18 to 17 years .....	394	309	328	26.1	23.4	24.0	23.6	21.8	22.5
18 to 19 years .....	522	448	446	21.2	19.9	18.5	18.8	19.0	18.7
20 to 24 years .....	1,060	893	810	14.1	12.8	12.5	12.3	12.0	11.0
25 years and over .....	2,969	2,311	2,376	8.1	7.0	6.9	6.5	6.2	6.3
25 to 54 years .....	2,681	2,072	2,139	8.8	7.5	7.3	7.0	6.6	6.8
55 years and over .....	308	251	261	5.1	4.7	4.5	4.4	4.1	4.3

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

NOTE: Data in this table have been revised. See note on page 4.

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

(Numbers in thousands)

Employment status	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Dec. 1982	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
Civilian noninstitutional population	23,143	23,627	23,637	23,143	23,437	23,581	23,604	23,627	23,637
Civilian labor force	14,283	14,442	14,442	14,386	14,603	14,692	14,528	14,509	14,539
Participation rate	61.7	61.1	61.1	62.2	62.3	62.3	61.5	61.4	61.5
Employed	11,677	12,225	12,174	11,674	11,989	12,158	12,096	12,173	12,173
Employment-population ratio <sup>2</sup>	50.5	51.7	51.5	50.4	51.2	51.5	51.2	51.5	51.5
Unemployed	2,606	2,217	2,268	2,712	2,614	2,536	2,432	2,336	2,366
Unemployment rate	18.2	15.4	15.7	18.9	17.9	17.3	16.7	16.1	16.3
Not in labor force	8,859	9,185	9,195	8,757	8,834	8,889	9,076	9,118	9,098

<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: Seasonally adjusted data in this table have been revised. See note on page 4.

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

(Numbers in thousands)

Occupation	Civilian employed		Unemployed		Unemployment rate	
	Dec. 1982	Dec. 1983	Dec. 1982	Dec. 1983	Dec. 1982	Dec. 1983
Total, 16 years and over <sup>1</sup>	98,849	102,803	11,628	8,992	10.5	8.0
Managerial and professional specialty	23,618	24,185	814	634	3.3	2.6
Executive, administrative, and managerial	10,693	11,094	442	407	4.0	2.7
Professional specialty	12,924	13,091	373	327	2.8	2.4
Technical, sales, and administrative support	31,302	32,038	2,157	1,767	6.4	5.2
Technicians and related support	3,127	3,124	162	106	4.9	3.3
Sales occupations	11,868	12,507	782	723	6.2	5.5
Administrative support, including clerical	16,308	16,407	1,213	938	6.9	5.4
Service occupations	13,443	14,170	1,790	1,512	11.7	9.6
Private household	1,068	1,030	84	101	7.3	8.9
Protective service	1,617	1,692	140	106	8.0	5.9
Service, except private household and protective	10,758	11,449	1,566	1,305	12.7	10.2
Precision production, craft, and repair	11,373	12,741	1,561	1,165	12.1	8.4
Mechanics and repairers	3,831	4,305	366	255	8.7	5.6
Construction trades	3,877	4,400	760	615	16.4	12.3
Other precision production, craft, and repair	3,664	4,036	435	296	10.6	6.8
Operators, fabricators, and laborers	15,845	16,576	3,744	2,467	19.1	13.0
Machine operators, assemblers, and inspectors	7,437	7,917	1,745	1,121	19.0	12.4
Transportation and material moving occupations	4,023	4,313	737	529	15.5	10.9
Handlers, equipment cleaners, helpers, and laborers	4,384	4,346	1,262	817	22.4	15.8
Construction laborers	584	619	243	202	29.4	24.6
Other handlers, equipment cleaners, helpers, and laborers	3,801	3,727	1,019	616	21.1	14.2
Farming, forestry, and fishing	3,230	3,092	449	420	12.2	12.0

<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.

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				
	Dec. 1982	Dec. 1983	Dec. 1982	Dec. 1983	Dec. 1982	Dec. 1983	Number		Percent of labor force		
						Dec. 1982	Dec. 1983	Dec. 1982	Dec. 1983		
<b>VETERANS</b>											
Total, 25 years and over	8,265	7,901	7,752	7,382	6,988	6,868	764	514	9.9	7.0	
25 to 39 years	6,610	5,712	6,305	5,477	5,641	5,072	664	405	10.5	7.4	
25 to 29 years	991	590	904	561	748	493	156	68	17.3	12.1	
30 to 34 years	2,585	1,964	2,460	1,867	2,217	1,707	243	160	9.9	8.6	
35 to 39 years	3,034	3,158	2,941	3,049	2,676	2,872	265	177	9.0	5.8	
40 years and over	1,655	2,189	1,447	1,905	1,347	1,796	100	109	6.9	5.7	
<b>NONVETERANS</b>											
Total, 25 to 39 years	19,140	20,456	18,135	19,275	16,187	17,823	1,948	1,452	10.7	7.5	
25 to 29 years	8,452	8,802	7,981	8,222	6,938	7,500	1,043	722	13.1	8.8	
30 to 34 years	6,357	7,042	6,039	6,667	5,501	6,213	538	454	8.9	6.8	
35 to 39 years	4,331	4,612	4,115	4,386	3,748	4,110	367	276	8.9	6.3	

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 Armed 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.

Table A-13. Persons not in labor force by reason, sex, and race, quarterly averages

(In thousands)

Reason, sex, and race	Not seasonally adjusted		Seasonally adjusted				
	1982	1983	1982	1983			
	IV	IV	IV	I	II	III	IV
<b>TOTAL</b>							
Total not in labor force	62,346	62,956	62,217	62,805	62,680	62,392	62,938
Do not want a job now	55,777	56,953	55,326	56,104	55,986	55,690	56,526
Current activity:							
Going to school	8,233	8,356	6,441	6,607	6,399	6,462	6,540
Ill, disabled	3,962	3,788	3,988	3,975	4,064	3,804	3,814
Keeping house	27,932	28,331	28,134	28,350	28,281	28,267	28,539
Retired	12,282	12,898	12,567	12,987	13,003	12,892	13,196
Other	3,368	3,579	4,196	4,185	4,239	4,265	4,437
Want a job now	6,570	6,003	6,929	6,452	6,540	6,756	6,335
Reason not looking:							
School attendance	1,785	1,481	1,851	1,641	1,518	1,832	1,538
Ill health, disability	756	867	761	656	701	841	868
Home responsibilities	1,266	1,259	1,390	1,390	1,436	1,442	1,384
Think cannot get a job	1,735	1,387	1,813	1,765	1,726	1,610	1,457
Job-market factors <sup>1</sup>	1,291	969	1,393	1,408	1,316	1,197	1,046
Personal factors <sup>2</sup>	445	418	420	357	411	413	411
Other reasons <sup>3</sup>	1,028	1,010	1,113	1,000	1,159	1,032	1,089
<b>Men</b>							
Total not in labor force	19,569	19,958	19,151	19,657	19,455	19,337	19,626
Do not want a job now	17,376	17,934	16,880	17,227	17,187	16,968	17,473
Want a job now	2,193	2,024	2,361	2,187	2,203	2,409	2,173
Reason not looking:							
School attendance	960	792	1,001	869	775	1,079	826
Ill health, disability	300	384	299	289	308	379	380
Think cannot get a job	589	537	683	695	683	607	620
Other reasons <sup>3</sup>	344	312	379	334	436	345	346
<b>Women</b>							
Total not in labor force	42,777	42,998	43,065	43,148	43,226	43,056	43,311
Do not want a job now	38,401	39,019	38,446	38,877	38,799	38,723	39,053
Want a job now	4,377	3,979	4,568	4,265	4,338	4,347	4,162
Reason not looking:							
School attendance	825	689	850	772	743	753	711
Ill health, disability	456	483	463	367	393	462	488
Home responsibilities	1,266	1,259	1,390	1,390	1,436	1,442	1,384
Think cannot get a job	1,147	850	1,131	1,070	1,043	1,003	836
Other reasons	684	698	734	666	723	687	743
<b>White</b>							
Total not in labor force	53,505	53,800	53,406	53,970	53,947	53,574	53,786
Do not want a job now	48,789	49,417	48,477	49,114	49,132	48,849	49,099
Want a job now	4,716	4,383	4,960	4,734	4,775	4,734	4,605
Reason not looking:							
School attendance	1,241	1,042	1,305	1,215	1,109	1,144	1,105
Ill health, disability	537	657	503	486	510	634	615
Home responsibilities	951	947	1,044	1,053	1,003	1,061	1,039
Think cannot get a job	1,196	936	1,252	1,194	1,245	1,076	974
Other reasons	792	801	856	787	907	819	872
<b>Black</b>							
Total not in labor force	7,265	7,482	7,221	7,237	7,210	7,240	7,444
Do not want a job now	5,628	6,030	5,533	5,652	5,684	5,556	5,917
Want a job now	1,638	1,451	1,746	1,570	1,514	1,679	1,555
Reason not looking:							
School attendance	467	409	487	404	330	476	425
Ill health, disability	206	190	210	171	170	207	193
Home responsibilities	287	266	330	311	354	354	308
Think cannot get a job	479	418	522	512	431	473	458
Other reasons	199	168	196	172	230	169	171

<sup>1</sup> Job market factors include "could not find job" and "thinks no job available."  
<sup>2</sup> Personal factors include "employers think too young or old," "lacks education or training," and "other personal handicap."  
<sup>3</sup> Includes small number of men not looking for work because of home respon-

sibilities.

NOTE: Seasonally adjusted data in this table have been revised. See note on page 4.

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Table A-14. 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>					
	Dec. 1982	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
<b>California</b>									
Civilian noninstitutional population .....	18,606	18,913	18,942	18,606	18,826	18,854	18,884	18,913	18,942
Civilian labor force .....	12,305	12,438	12,393	12,300	12,331	12,408	12,298	12,411	12,381
Employed .....	10,951	11,414	11,400	10,950	11,128	11,312	11,265	11,384	11,404
Unemployed .....	1,354	1,024	992	1,350	1,203	1,096	1,033	1,027	977
Unemployment rate .....	11.0	8.2	8.0	11.0	9.8	8.8	8.4	8.3	7.9
<b>Florida</b>									
Civilian noninstitutional population .....	8,225	8,443	8,463	8,225	8,382	8,402	8,422	8,443	8,463
Civilian labor force .....	4,798	5,064	5,118	4,819	5,034	5,093	4,927	5,020	5,130
Employed .....	4,343	4,656	4,735	4,360	4,612	4,696	4,525	4,627	4,748
Unemployed .....	455	408	383	459	422	397	402	393	382
Unemployment rate .....	9.5	8.1	7.5	9.5	8.4	7.8	8.2	7.8	7.4
<b>Illinois</b>									
Civilian noninstitutional population .....	8,540	8,556	8,558	8,540	8,550	8,552	8,554	8,556	8,558
Civilian labor force .....	5,544	5,544	5,496	5,538	5,542	5,549	5,493	5,530	5,531
Employed .....	4,845	5,030	4,978	4,829	4,895	4,988	4,959	5,007	5,001
Unemployed .....	699	513	519	709	647	561	534	523	530
Unemployment rate .....	12.6	9.3	9.4	12.8	11.7	10.1	9.7	9.5	9.6
<b>Massachusetts</b>									
Civilian noninstitutional population .....	4,492	4,525	4,529	4,492	4,515	4,519	4,522	4,525	4,529
Civilian labor force .....	2,989	3,064	3,052	2,974	3,006	3,037	3,005	3,039	3,038
Employed .....	2,777	2,894	2,875	2,744	2,832	2,818	2,797	2,838	2,843
Unemployed .....	213	171	177	230	174	219	208	201	195
Unemployment rate .....	7.1	5.6	5.8	7.7	5.8	7.2	6.9	6.6	6.4
<b>Michigan</b>									
Civilian noninstitutional population .....	6,738	6,717	6,715	6,738	6,721	6,719	6,718	6,717	6,715
Civilian labor force .....	4,297	4,165	4,202	4,293	4,300	4,293	4,224	4,145	4,225
Employed .....	3,556	3,678	3,702	3,558	3,684	3,709	3,651	3,651	3,737
Unemployed .....	741	487	500	735	616	584	573	494	488
Unemployment rate .....	17.3	11.7	11.9	17.1	14.3	13.6	13.6	11.9	11.6
<b>New Jersey</b>									
Civilian noninstitutional population .....	5,723	5,767	5,772	5,723	5,754	5,758	5,763	5,767	5,772
Civilian labor force .....	3,608	3,687	3,758	3,626	3,700	3,699	3,643	3,674	3,779
Employed .....	3,290	3,444	3,512	3,292	3,369	3,394	3,396	3,422	3,523
Unemployed .....	318	243	246	334	331	305	247	252	256
Unemployment rate .....	8.8	6.6	6.5	9.2	8.9	8.2	6.8	6.9	6.8
<b>New York</b>									
Civilian noninstitutional population .....	13,550	13,620	13,627	13,550	13,598	13,605	13,613	13,620	13,627
Civilian labor force .....	7,873	8,017	7,967	7,959	8,280	8,248	8,105	8,116	8,051
Employed .....	7,199	7,433	7,412	7,237	7,580	7,538	7,457	7,497	7,459
Unemployed .....	674	584	555	722	700	710	648	619	592
Unemployment rate .....	8.6	7.3	7.0	9.1	8.5	8.6	8.0	7.6	7.4
<b>Ohio</b>									
Civilian noninstitutional population .....	8,065	8,079	8,081	8,065	8,074	8,075	8,077	8,079	8,081
Civilian labor force .....	5,058	5,164	5,060	5,116	5,126	5,088	5,132	5,145	5,114
Employed .....	4,344	4,598	4,530	4,389	4,559	4,504	4,565	4,590	4,584
Unemployed .....	714	566	530	727	567	584	567	555	530
Unemployment rate .....	14.1	11.0	10.5	14.2	11.1	11.5	11.0	10.8	10.4
<b>Pennsylvania</b>									
Civilian noninstitutional population .....	9,146	9,169	9,172	9,146	9,161	9,163	9,166	9,169	9,172
Civilian labor force .....	5,514	5,601	5,494	5,540	5,544	5,513	5,508	5,544	5,497
Employed .....	4,823	5,051	4,934	4,842	4,907	4,937	4,961	4,973	4,932
Unemployed .....	691	550	560	698	637	576	547	571	565
Unemployment rate .....	12.5	9.8	10.2	12.6	11.5	10.4	9.9	10.3	10.3
<b>Texas</b>									
Civilian noninstitutional population .....	11,090	11,389	11,417	11,090	11,305	11,333	11,361	11,389	11,417
Civilian labor force .....	7,495	7,673	7,741	7,527	7,636	7,726	7,669	7,657	7,773
Employed .....	6,939	7,152	7,192	6,926	7,081	7,067	7,098	7,141	7,173
Unemployed .....	557	521	549	601	555	659	571	516	600
Unemployment rate .....	7.4	6.8	7.1	8.0	7.3	8.5	7.4	6.7	7.7

<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.

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 3, 1984.

**ESTABLISHMENT DATA**

**ESTABLISHMENT DATA**

**Table B-1. Employees on nonagricultural payrolls by industry**

(in thousands)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Dec. 1982	Oct. 1983	Nov. 1983 P	Dec. 1983 P	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983 P	Dec. 1983 P
<b>Total</b> .....	89,321	91,725	92,118	92,289	88,665	89,748	90,851	91,087	91,413	91,644
<b>Goods-producing</b> .....	22,995	24,550	24,554	24,353	23,061	23,830	23,935	24,168	24,322	24,434
<b>Mining</b> .....	1,050	1,039	1,044	1,051	1,053	1,023	1,026	1,044	1,044	1,053
<b>Construction</b> .....	3,786	4,295	4,248	4,077	3,815	4,014	4,038	4,060	4,096	4,110
<b>Manufacturing</b> .....	18,159	19,216	19,262	19,225	18,193	18,793	18,871	19,064	19,182	19,271
<i>Production workers</i> .....	12,201	13,190	13,218	13,182	12,241	12,803	12,859	13,043	13,150	13,229
<b>Durable goods</b> .....	10,541	11,291	11,359	11,366	10,559	11,022	11,081	11,235	11,326	11,394
<i>Production workers</i> .....	6,873	7,576	7,629	7,634	6,892	7,329	7,378	7,522	7,600	7,661
Lumber and wood products .....	601.7	722.2	712.6	696.0	614	699	703	712	715	712
Furniture and fixtures .....	432.3	470.5	474.9	476.4	429	457	459	465	470	472
Stone, clay, and glass products .....	549.2	601.5	598.0	587.7	554	582	585	590	591	594
Primary metal industries .....	804.6	858.9	867.6	867.3	816	840	849	867	876	881
Fabricated metal products .....	1,359.7	1,438.6	1,446.6	1,447.6	1,359	1,410	1,411	1,430	1,438	1,448
Machinery, except electrical .....	2,069.2	2,124.3	2,155.5	2,173.1	2,066	2,109	2,115	2,131	2,160	2,169
Electric and electronic equipment .....	1,961.8	2,115.8	2,133.5	2,150.5	1,957	2,043	2,082	2,107	2,129	2,146
Transportation equipment .....	1,697.0	1,862.7	1,870.6	1,870.9	1,696	1,807	1,801	1,848	1,856	1,873
Instruments and related products .....	695.7	698.7	701.5	706.0	695	692	696	699	702	705
Miscellaneous manufacturing .....	369.3	398.1	397.8	390.5	373	383	380	386	389	394
<b>Nondurable goods</b> .....	7,618	7,925	7,903	7,859	7,634	7,771	7,790	7,829	7,856	7,877
<i>Production workers</i> .....	5,328	5,614	5,589	5,548	5,349	5,474	5,481	5,521	5,550	5,568
Food and kindred products .....	1,614.7	1,688.0	1,656.0	1,626.7	1,626	1,627	1,630	1,628	1,635	1,638
Tobacco manufactures .....	71.9	68.2	63.8	60.6	69	62	63	64	61	58
Textile mill products .....	730.0	763.9	763.4	764.0	727	752	753	759	759	761
Apparel and other textile products .....	1,129.2	1,208.1	1,209.3	1,198.8	1,140	1,175	1,177	1,191	1,200	1,211
Paper and allied products .....	652.1	666.8	667.6	667.6	653	659	662	665	666	668
Printing and publishing .....	1,272.0	1,295.4	1,304.7	1,310.9	1,263	1,289	1,290	1,297	1,301	1,302
Chemicals and allied products .....	1,055.6	1,059.0	1,059.3	1,058.9	1,059	1,056	1,060	1,061	1,061	1,062
Petroleum and coal products .....	197.6	195.9	194.3	190.9	199	195	195	193	193	192
Rubber and misc. plastics products .....	683.1	758.3	763.5	765.5	685	739	742	753	762	769
Leather and leather products .....	212.0	221.3	221.3	214.7	213	217	218	218	218	216
<b>Service-producing</b> .....	66,326	67,175	67,564	67,936	65,604	65,918	66,916	66,919	67,091	67,210
<b>Transportation and public utilities</b> .....	5,036	5,064	5,057	5,054	5,008	4,341	5,031	5,019	5,027	5,024
<b>Wholesale and retail trade</b> .....	20,824	20,749	20,942	21,298	20,256	20,580	20,612	20,666	20,705	20,732
<b>Wholesale trade</b> .....	5,202	5,308	5,310	5,315	5,192	5,249	5,274	5,287	5,289	5,304
<b>Retail trade</b> .....	15,622	15,441	15,632	15,983	15,064	15,331	15,338	15,379	15,416	15,428
<b>Finance, insurance, and real estate</b> .....	5,349	5,486	5,501	5,520	5,367	5,488	5,499	5,503	5,523	5,537
<b>Services</b> .....	19,149	20,016	20,051	20,062	19,215	19,835	19,913	19,956	20,051	20,122
<b>Government</b> .....	15,968	15,860	16,013	16,002	15,758	15,674	15,861	15,775	15,785	15,795
<b>Federal government</b> .....	2,733	2,745	2,752	2,757	2,747	2,746	2,778	2,764	2,771	2,771
<b>State and local government</b> .....	13,235	13,115	13,261	13,245	13,011	12,928	13,083	13,011	13,014	13,024

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					
	Dec. 1982	Oct. 1983	Nov. 1983	Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983	Dec. 1983
<b>Total private</b> .....	35.0	35.3	35.1	35.5	34.8	35.0	35.2	35.3	35.2	35.2
<b>Mining</b> .....	42.2	43.2	42.9	43.2	(2)	(2)	(2)	(2)	(2)	(2)
<b>Construction</b> .....	36.8	37.3	36.2	37.0	(2)	(2)	(2)	(2)	(2)	(2)
<b>Manufacturing</b> .....	39.7	40.7	40.8	41.2	39.0	40.3	40.8	40.6	40.6	40.5
<b>Overtime hours</b> .....	2.5	3.4	3.4	3.6	2.3	3.1	3.3	3.3	3.3	3.4
<b>Durable goods</b> .....	40.2	41.3	41.5	41.9	39.3	40.8	41.5	41.2	41.2	41.1
<b>Overtime hours</b> .....	2.4	3.5	3.5	3.9	2.2	3.1	3.4	3.4	3.4	3.6
<b>Lumber and wood products</b> .....	38.9	40.5	39.7	40.0	38.8	40.2	40.5	40.3	39.8	39.9
<b>Furniture and fixtures</b> .....	38.7	40.4	40.2	41.4	37.8	39.7	40.0	39.8	39.8	40.5
<b>Stone, clay, and glass products</b> .....	40.4	42.1	42.0	42.1	40.1	41.7	42.1	41.7	41.7	41.8
<b>Primary metal industries</b> .....	39.2	41.2	41.6	41.6	38.8	40.9	41.2	41.7	41.6	41.2
<b>Fabricated metal products</b> .....	40.1	41.3	41.6	42.2	39.2	40.9	41.6	41.2	41.4	41.3
<b>Machinery, except electrical</b> .....	40.4	41.1	41.7	42.2	39.3	40.7	41.2	41.3	41.4	41.1
<b>Electric and electronic equipment</b> .....	40.3	41.1	41.4	41.9	39.4	40.7	41.1	41.1	41.1	41.0
<b>Transportation equipment</b> .....	41.5	42.6	42.8	43.2	40.1	41.8	43.5	42.5	42.4	41.8
<b>Instruments and related products</b> .....	40.4	40.7	40.9	41.6	39.7	40.4	41.0	40.7	40.5	40.9
<b>Miscellaneous manufacturing</b> .....	39.0	39.8	39.7	40.3	(2)	(2)	(2)	(2)	(2)	(2)
<b>Nondurable goods</b> .....	39.1	39.9	40.0	40.2	38.6	39.5	39.9	39.7	39.7	39.7
<b>Overtime hours</b> .....	2.6	3.3	3.2	3.3	2.5	3.1	3.1	3.1	3.1	3.2
<b>Food and kindred products</b> .....	39.6	39.8	39.9	39.9	39.1	39.6	39.9	39.7	39.6	39.4
<b>Tobacco manufactures</b> .....	37.9	38.3	39.0	36.3	(2)	(2)	(2)	(2)	(2)	(2)
<b>Textile mill products</b> .....	39.2	41.1	41.0	41.3	38.9	40.9	41.3	40.7	40.7	41.0
<b>Apparel and other textile products</b> .....	35.3	36.8	36.7	36.7	35.1	36.2	36.8	36.5	36.4	36.5
<b>Paper and allied products</b> .....	42.5	43.2	43.2	43.8	41.7	42.9	43.3	43.2	43.0	43.0
<b>Printing and publishing</b> .....	37.9	38.0	38.2	38.5	37.1	37.5	37.8	38.0	38.0	37.7
<b>Chemicals and allied products</b> .....	41.4	41.7	42.2	42.5	40.9	41.6	41.7	41.7	41.9	42.0
<b>Petroleum and coal products</b> .....	44.3	43.8	44.0	45.5	44.4	43.5	43.2	43.5	43.7	45.6
<b>Rubber and misc. plastics products</b> .....	40.4	41.9	42.0	42.5	(2)	(2)	(2)	(2)	(2)	(2)
<b>Leather and leather products</b> .....	36.1	37.2	37.2	37.5	35.8	37.2	37.7	37.5	37.1	37.2
<b>Transportation and public utilities</b> .....	39.2	39.4	39.3	39.9	38.9	39.3	39.4	39.4	39.2	39.6
<b>Wholesale and retail trade</b> .....	32.4	32.0	31.9	32.4	32.1	31.8	31.8	32.1	32.0	32.1
<b>Wholesale trade</b> .....	38.7	38.8	38.8	39.0	38.4	38.5	38.7	38.7	38.7	38.7
<b>Retail trade</b> .....	30.5	29.9	29.8	30.4	30.1	29.7	29.7	30.0	30.0	30.0
<b>Finance, insurance, and real estate</b> .....	36.3	36.3	36.0	36.0	(2)	(2)	(2)	(2)	(2)	(2)
<b>Services</b> .....	32.6	32.8	32.6	32.7	32.6	32.7	32.8	32.9	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			
	Dec. 1982	Oct. 1983	Nov. 1983 p	Dec. 1983 p	Dec. 1982	Oct. 1983	Nov. 1983 p	Dec. 1983 p
	<b>Total private</b>	\$7.82	\$8.15	\$8.15	\$8.16	\$273.70	\$287.70	\$286.07
<i>Seasonally adjusted</i>	7.82	8.13	8.13	8.17	272.14	286.99	286.18	287.58
<b>Mining</b>	11.03	11.35	11.42	11.42	465.47	490.32	489.92	493.34
<b>Construction</b>	11.96	12.04	11.88	12.02	440.13	449.09	430.06	444.74
<b>Manufacturing</b>	8.68	8.92	8.98	9.05	344.60	363.04	366.38	372.86
<b>Durable goods</b>	9.24	9.49	9.55	9.62	371.45	391.94	396.33	403.08
Lumber and wood products	7.55	7.87	7.79	7.78	293.70	318.74	309.26	311.20
Furniture and fixtures	6.46	6.71	6.73	6.82	250.00	271.08	270.55	282.35
Stone, clay, and glass products	9.08	9.39	9.40	9.44	366.83	395.32	394.80	397.42
Primary metal industries	11.49	11.28	11.35	11.36	450.41	464.74	472.16	472.58
Fabricated metal products	8.96	9.22	9.26	9.35	359.30	380.79	385.22	394.57
Machinery, except electrical	9.43	9.74	9.81	9.90	380.97	400.31	409.08	417.78
Electric and electronic equipment	8.51	8.73	8.77	8.85	342.95	358.80	363.08	370.82
Transportation equipment	11.43	11.88	12.00	12.09	474.35	506.09	513.60	522.29
Instruments and related products	8.38	8.60	8.61	8.75	338.55	350.02	352.15	364.00
Miscellaneous manufacturing	6.67	6.85	6.86	6.92	260.13	272.63	272.34	278.88
<b>Nondurable goods</b>	7.95	8.11	8.17	8.22	310.85	323.59	326.80	330.44
Food and kindred products	8.06	8.13	8.22	8.25	319.18	323.57	327.98	329.18
Tobacco manufactures	9.63	9.67	10.57	10.41	364.98	370.36	412.23	377.88
Textile mill products	6.04	6.24	6.26	6.30	236.77	256.46	256.66	260.19
Apparel and other textile products	5.28	5.43	5.45	5.48	186.38	199.82	200.02	201.12
Paper and allied products	9.65	10.10	10.19	10.17	410.13	436.32	440.21	445.45
Printing and publishing	9.00	9.24	9.27	9.32	341.10	351.12	354.11	358.82
Chemicals and allied products	10.32	10.78	10.85	10.83	427.25	449.53	457.87	460.28
Petroleum and coal products	12.71	13.36	13.47	13.72	563.05	585.17	592.68	624.26
Rubber and misc. plastics products	7.91	8.12	8.08	8.17	319.56	340.23	339.36	347.23
Leather and leather products	5.44	5.55	5.56	5.58	196.38	206.46	206.83	209.25
<b>Transportation and public utilities</b>	10.62	10.93	11.01	11.04	416.30	430.64	432.69	440.50
<b>Wholesale and retail trade</b>	6.27	6.57	6.58	6.55	203.15	210.24	209.90	212.22
Wholesale trade	8.20	8.54	8.53	8.57	317.34	331.35	330.96	334.23
Retail trade	5.54	5.78	5.81	5.78	168.97	172.82	173.14	175.71
<b>Finance, insurance, and real estate</b>	7.01	7.45	7.39	7.42	254.46	270.44	266.04	267.12
<b>Services</b>	7.12	7.39	7.40	7.43	232.11	242.39	241.24	242.96

<sup>1</sup> 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						
	Dec. 1982	Oct. 1983	Nov. 1983 p	Dec. 1983 p	Percent change from: Dec. 1982- Dec. 1983	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983 p	Dec. 1983 p	Percent change from: Nov. 1983- Dec. 1983
	<b>Total private nonfarm:</b>											
<b>Current dollars</b>	152.0	156.9	157.0	157.6	3.7	151.9	155.0	155.9	156.8	156.8	157.6	0.5
<b>Constant (1977) dollars</b>	94.5	94.5	94.5	N.A.	(2)	94.1	94.0	94.2	94.4	94.3	N.A.	(3)
<b>Mining</b>	163.0	168.7	169.8	170.0	4.3	(4)	(4)	(4)	(4)	(4)	(4)	(4)
<b>Construction</b>	144.5	147.0	144.8	146.0	1.0	144.0	144.1	145.5	145.1	144.4	145.4	.7
<b>Manufacturing</b>	156.2	158.9	159.7	160.9	2.7	155.8	158.1	158.3	158.9	159.6	160.0	.2
<b>Transportation and public utilities</b>	153.9	158.9	159.9	160.4	4.3	153.1	155.4	157.2	158.4	158.8	159.8	.6
<b>Wholesale and retail trade</b>	147.4	153.7	153.8	153.8	4.4	148.1	152.3	153.1	154.1	154.1	154.6	.4
<b>Finance, insurance, and real estate</b>	153.0	162.1	161.1	161.8	5.8	(4)	(4)	(4)	(4)	(4)	(4)	(4)
<b>Services</b>	152.0	158.2	158.2	159.1	4.7	152.0	155.9	157.1	158.4	157.9	159.1	.7

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

<sup>2</sup> Percent change was 1.0 percent from November 1982 to November 1983, the latest month available.

<sup>3</sup> Percent change was -0.1 percent from October 1983 to November 1983, the latest month available.

<sup>4</sup> 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					
	Dec. 1982	Oct. 1983	Nov. 1983 <sup>p</sup>	Dec. 1983 <sup>p</sup>	Dec. 1982	Aug. 1983	Sept. 1983	Oct. 1983	Nov. 1983 <sup>p</sup>	Dec. 1983 <sup>p</sup>
	<b>Total private</b> .....	104.5	109.2	109.0	110.2	102.6	105.3	107.5	108.1	108.3
<b>Goods-producing</b> .....	88.0	98.1	97.8	97.9	86.5	93.5	95.1	95.6	96.3	96.9
<b>Mining</b> .....	117.9	118.9	118.7	120.8	116.5	115.0	117.0	118.5	118.1	118.9
<b>Construction</b> .....	96.4	113.8	109.0	105.8	96.5	104.5	106.0	103.9	105.0	106.7
<b>Manufacturing</b> .....	84.9	94.1	94.7	95.3	83.1	90.4	92.0	92.9	93.6	94.0
<b>Durable goods</b> .....	81.0	91.8	92.9	94.0	78.8	87.8	89.8	91.1	91.9	92.4
Lumber and wood products .....	78.1	100.2	96.5	94.7	78.6	95.6	97.0	98.0	97.4	97.0
Furniture and fixtures .....	88.7	102.0	102.7	106.0	85.2	97.0	98.0	99.1	100.4	102.7
Stone, clay, and glass products .....	76.0	89.0	88.2	86.4	75.8	84.5	85.7	85.9	86.3	86.7
Primary metal industries .....	60.3	70.0	71.5	71.5	60.0	67.6	68.9	71.6	72.5	72.1
Fabricated metal products .....	79.6	88.6	89.7	91.1	76.9	85.2	86.9	87.6	88.5	89.0
Machinery, except electrical .....	82.1	87.5	90.6	92.8	79.6	85.6	87.0	88.3	90.3	90.2
Electric and electronic equipment .....	94.0	106.9	108.8	111.6	91.2	101.1	104.7	106.5	108.0	109.0
Transportation equipment .....	79.2	92.4	93.4	94.6	75.0	86.9	89.9	91.1	91.3	91.4
Instruments and related products .....	103.5	104.7	105.9	108.1	100.9	102.2	105.0	105.1	104.8	106.1
Miscellaneous manufacturing .....	79.0	89.3	89.2	88.1	78.4	83.4	82.9	85.0	85.2	88.3
<b>Nondurable goods</b> .....	90.7	97.5	97.3	97.2	89.5	94.2	95.3	95.6	96.0	96.4
Food and kindred products .....	94.6	101.0	98.5	96.1	94.2	95.5	96.3	95.8	96.1	95.8
Tobacco manufactures .....	100.0	93.9	87.9	76.7	93.6	82.1	83.6	84.7	80.8	71.1
Textile mill products .....	76.5	85.0	84.9	85.6	74.6	83.1	83.9	83.4	83.6	84.6
Apparel and other textile products .....	83.6	93.9	93.6	92.5	83.6	89.6	91.2	91.7	92.2	93.1
Paper and allied products .....	92.8	97.2	97.4	99.1	90.8	95.0	96.5	96.8	96.8	97.4
Printing and publishing .....	109.1	111.1	112.9	114.4	105.6	108.9	109.8	111.3	112.1	110.9
Chemicals and allied products .....	94.5	95.5	96.9	98.0	93.9	95.1	95.5	95.9	96.6	97.2
Petroleum and coal products .....	92.5	92.3	91.0	92.2	94.2	91.5	90.1	89.9	89.6	93.5
Rubber and misc. plastics products .....	91.9	108.1	108.9	110.8	90.0	103.5	105.7	106.7	108.0	109.8
Leather and leather products .....	78.3	86.0	85.9	83.7	78.1	84.0	85.6	85.1	84.2	83.5
<b>Service-producing</b> .....	113.6	115.3	115.2	117.1	111.5	111.8	114.4	115.1	114.9	115.3
<b>Transportation and public utilities</b> .....	101.5	102.9	102.3	103.6	100.5	85.0	102.0	101.8	101.3	102.2
<b>Wholesale and retail trade</b> .....	108.9	106.8	107.4	111.1	104.0	105.3	105.6	106.5	106.7	106.7
<b>Wholesale trade</b> .....	107.7	110.3	110.2	110.9	106.7	108.1	109.3	109.5	109.5	109.7
<b>Retail trade</b> .....	109.3	105.5	106.4	111.2	103.0	104.2	104.1	105.4	105.6	105.5
<b>Finance, insurance, and real estate</b> .....	116.7	120.0	119.2	119.6	117.2	119.0	119.5	120.2	119.7	120.1
<b>Services</b> .....	122.7	128.5	128.0	128.3	122.9	127.1	128.0	128.6	128.4	128.8

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

p = preliminary.

**Table B-6. Indexes of diffusion: Percent of industries in which employment<sup>1</sup> increased**

Time span	Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Over 1-month span	1981 .....	57.8	52.4	52.2	65.6	60.2	58.9	62.6	49.5	42.2	33.3	29.3	30.9
	1982 .....	28.5	45.4	36.0	39.0	47.6	32.8	38.4	37.1	34.1	29.3	32.0	42.2
	1983 .....	56.5	45.7	62.4	69.1	71.0	64.5	68.5	68.0	60.8	70.7	64.2 <sup>p</sup>	62.9 <sup>p</sup>
Over 3-month span	1981 .....	58.3	54.6	59.1	65.9	67.5	66.7	60.5	50.5	33.3	30.1	24.5	23.4
	1982 .....	25.3	28.8	32.0	34.1	32.5	33.6	27.2	27.2	26.1	25.5	24.7	40.6
	1983 .....	45.4	55.1	65.6	75.8	76.1	77.2	73.9	79.6	79.6	75.0 <sup>p</sup>	70.4 <sup>p</sup>	
Over 6-month span	1981 .....	68.5	65.3	63.7	69.4	64.2	58.6	45.7	34.4	29.6	24.2	25.0	22.0
	1982 .....	20.2	23.7	25.3	29.8	26.1	26.1	23.4	19.1	21.2	26.1	26.6	35.8
	1983 .....	50.5	63.2	73.4	76.3	79.3	83.6	82.5	82.0 <sup>p</sup>	80.6 <sup>p</sup>			
Over 12-month span	1981 .....	74.5	71.2	70.4	58.1	47.6	41.4	34.9	29.8	27.4	23.7	25.3	23.1
	1982 .....	22.0	20.7	18.0	19.4	18.3	20.7	20.7	22.8	24.2	31.5	37.6	44.1
	1983 .....	48.9	58.3	62.6	73.4	76.3 <sup>p</sup>	80.9 <sup>p</sup>						

<sup>1</sup> Number of employees, seasonally adjusted for 1, 3, and 6 month spans, on payrolls of 186 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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