

# News

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## THE EMPLOYMENT SITUATION: OCTOBER 1991

Both employment and unemployment were essentially unchanged in October, the Bureau of Labor Statistics of the U.S. Department of Labor reported today. The unemployment rate was 6.8 percent, little different from the 6.7 percent in September and the same as in July and August.

October job losses in the goods-producing sector and in retail trade were offset by gains in the services industry, based on data from the survey of establishments. Total employment, as estimated from the household survey, was little changed, after a large increase the previous month.

### Unemployment (Household Survey Data)

The unemployment rate, 6.8 percent, and the number of unemployed persons, 8.6 million, were about the same in October as in the prior month. In fact, the unemployment situation has shown little change since March. The October unemployment rate was 1.3 percentage points higher than in July 1990, when the recession began; the number of unemployed persons was up by 1.8 million. (See table A-1.)

The unemployment rate for adult men was unchanged in October, at 6.4 percent, while the rate for adult women edged up 0.3 percentage point to 5.8 percent, after declining the previous month. The jobless rate for teenagers held fairly steady at 18.8 percent. Unemployment rates for whites (6.0 percent), blacks (12.7 percent), and persons of Hispanic origin (10.6 percent) were about the same as in September as well. About 2-1/2 million persons had been jobless 15 weeks or more, an increase of 175,000 from September. (See tables A-1, A-2, and A-5.)

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

Total employment, at 117.0 million, was little changed in October, following a large increase in the prior month. The number of employed persons was about 900,000 lower than in July 1990. The proportion of the working-age population with jobs (the employment-population ratio) was 61.5 percent; it has been near that level since May and was 1.2 percentage points below the figure for July 1990. (See table A-1.)

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

Category	Quarterly averages		Monthly data			Sept-Oct. change
	1991		1991			
	II	III	Aug.	Sept.	Oct.	
<b>HOUSEHOLD DATA</b>		Thousands of persons				
Civilian labor force..	125,511	125,242	124,904	125,607	125,549	-58
Employment.....	116,958	116,764	116,416	117,165	116,967	-198
Unemployment.....	8,553	8,477	8,488	8,442	8,582	140
Not in labor force....	64,012	64,736	65,069	64,515	64,740	225
Discouraged workers.	981	1,075	N.A.	N.A.	N.A.	N.A.
		Percent of labor force				
Unemployment rates:						
All workers.....	6.8	6.8	6.8	6.7	6.8	0.1
Adult men.....	6.4	6.5	6.5	6.5	6.4	-.1
Adult women.....	5.7	5.5	5.7	5.5	5.8	.3
Teenagers.....	18.8	19.2	19.0	18.0	18.8	.8
White.....	6.0	6.1	6.1	6.0	6.0	.0
Black.....	12.9	12.1	12.3	12.1	12.7	.6
Hispanic origin...	9.5	10.2	9.9	11.1	10.6	-.5
<b>ESTABLISHMENT DATA</b>		Thousands of jobs				
Nonfarm employment....	108,836	p108,950	108,971	p109,019	p109,018	p-1
Goods-producing 1/..	23,811	p23,805	23,826	p23,792	p23,727	p-65
Construction.....	4,704	p4,694	4,691	p4,697	p4,668	p-29
Manufacturing.....	18,400	p18,418	18,442	p18,411	p18,379	p-32
Service-producing 1/	85,025	p85,144	85,145	p85,227	p85,291	p64
Retail trade.....	19,336	p19,343	19,343	p19,339	p19,292	p-47
Services.....	28,644	p28,827	28,831	p28,918	p29,019	p101
Government.....	18,440	p18,414	18,414	p18,407	p18,413	p6
		Hours of work				
Average weekly hours:						
Total private.....	34.3	p34.3	34.3	p34.5	p34.3	p-0.2
Manufacturing.....	40.5	p40.9	41.0	p41.0	p40.9	p-.1
Overtime.....	3.5	p3.7	3.8	p3.7	p3.7	p.0
1/ Includes other industries, not shown separately.      p=preliminary.						
N.A.=not available.						

The number of persons in the labor force changed little in October at 125.5 million workers, seasonally adjusted. Since October of 1990, only about half a million workers have been added to the labor force. Over this period, a declining youth population and small reductions in labor force participation rates (the proportion of the working-age population either employed or actively seeking employment) among several groups have accounted for the very slow labor force growth. The participation rate was about unchanged in October at 66.0 percent. (See table A-1.)

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

Nonfarm payroll employment was unchanged in October, following 2 months of small increases. Moderate declines in manufacturing, construction, and retail trade were offset by an increase in services.

The number of manufacturing jobs fell by about 30,000 for the second consecutive month, erasing the job gains in July and August. The October declines were concentrated in durable goods industries, especially transportation equipment, machinery, electronic equipment, instruments, and primary metals. (See table B-1.)

Construction employment also fell by about 30,000 in October, continuing a downward trend which has reduced the industry payrolls by 10 percent since May 1990. Mining employment continued to slide in October and was 5 percent below the February level.

The number of jobs in retail trade fell by about 45,000, as hiring for the holiday season in general merchandise stores was less than usual and cutbacks in eating and drinking places were greater than average. Employment in wholesale trade edged down in October, for the sixteenth consecutive over-the-month decline. In contrast, there was job growth in the services industry for the sixth month in a row. The gain of 100,000 in October was divided among business, health, and other services.

#### Weekly Hours (Establishment Survey Data)

The average workweek for production or nonsupervisory workers on private nonfarm payrolls decreased by 0.2 hour in October, reversing a similar increase in September. The manufacturing workweek edged down by 0.1 hour but, at 40.9 hours, was still high by recent historical standards. Overtime hours in manufacturing remained at 3.7 hours, also a relatively high level. (See table B-2.)

As a result of the decline in the workweek, the index of aggregate weekly hours of private production or nonsupervisory workers fell by 0.7 percent to 121.4 (1982=100) in October, seasonally adjusted. The index for manufacturing was down 0.2 percent to 102.8, 2.6 percent below its October 1990 level. (See table B-5.)

Hourly and Weekly Earnings (Establishment Survey Data)

Average hourly earnings of private production or nonsupervisory workers were little changed in October after seasonal adjustment. Average weekly earnings decreased by 0.7 percent. Before seasonal adjustment, average hourly earnings were down 1 cent to \$10.45 and average weekly earnings declined by \$3.48 to \$359.48. Over the year, average hourly and weekly earnings rose by 3.1 and 3.4 percent, respectively. (See table B-3.)

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The Employment Situation for November 1991 will be released on Friday, December 6, at 8:30 A.M. (EST).

# 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, 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 nonfarm 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 350,000 establishments employing over 41 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, labor-management disputes, or personal reasons.

People are classified as *unemployed*, regardless of their eligibility for unemployment benefits or public assistance, if they meet all of the following criteria: They had no employment during the survey week; they were available for work at that time; and they made specific efforts to find employment sometime during the prior 4 weeks. Persons laid off from their former jobs and awaiting recall and those expecting to report to a job within 30 days need not be looking for work to be counted as unemployed.

The *civilian labor force* equals the sum of the number employed and the number unemployed. The *unemployment rate* is the number unemployed as a percent of the civilian labor force. Table A-7 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 civilian worker unemployment rate is U-5b, while U-5a, the overall unemployment rate, includes the resident Armed Forces in the labor force base.

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

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

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

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

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

Other differences between the two surveys are described in "Comparing Employment Estimates from Household and Payroll Surveys," which may be obtained from 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 civilian labor force is the sum of eight seasonally adjusted employment components and four seasonally adjusted unemployment components; the total for unemployment is the sum of the four unemployment components; and the unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the civilian labor force.

The numerical factors used to make the seasonal adjustments are recalculated twice a year. For the household survey, the factors are calculated for the January-June period and again for the July-December period. For the establishment survey, updated factors for seasonal adjustment are calculated for the May-October period and introduced along with new benchmarks, and again for the November-April period. In both surveys, revisions to historical data are made once a year.

### 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 358,000; for total unemployment it is 224,000; and, for the civilian worker unemployment rate, it is

0.19 percentage points. 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 .25 percentage point; for teenagers, it is 1.29 percentage points.

In the establishment survey, estimates for the most current 2 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 \$10.00 per issue or \$31.00 per year from the U.S. Government Printing Office, Washington, DC 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 civilian population by sex and age

(Numbers in thousands)

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Oct. 1990	Sept. 1991	Oct. 1991	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991
<b>TOTAL</b>									
Civilian noninstitutional population .....	188,525	190,122	190,289	188,525	189,688	189,839	189,973	190,122	190,289
Civilian labor force .....	125,020	125,405	125,588	124,875	125,629	125,214	124,904	125,607	125,549
Participation rate .....	66.3	66.0	66.0	66.2	66.2	66.0	65.7	66.1	66.0
Employed .....	118,299	117,335	117,555	117,733	116,884	116,712	116,418	117,165	116,967
Employment-population ratio .....	62.7	61.7	61.8	62.4	61.6	61.5	61.3	61.6	61.5
Agriculture .....	3,280	3,425	3,310	3,175	3,308	3,239	3,268	3,308	3,195
Nonagricultural industries .....	115,018	113,910	114,245	114,558	113,576	113,474	113,150	113,859	113,772
Unemployed .....	6,722	8,070	8,013	7,142	8,745	8,501	8,488	8,442	8,582
Unemployment rate .....	5.4	6.4	6.4	5.7	7.0	6.8	6.8	6.7	6.8
Not in labor force .....	63,505	64,717	64,721	63,650	64,039	64,625	65,069	64,515	64,740
<b>Men, 16 years and over</b>									
Civilian noninstitutional population .....	89,885	90,736	90,830	89,885	90,494	90,592	90,658	90,736	90,830
Civilian labor force .....	68,196	68,481	68,255	68,390	68,448	68,390	68,210	68,812	68,558
Participation rate .....	75.9	75.5	75.1	76.1	75.8	75.5	75.2	75.8	75.5
Employed .....	64,598	64,089	63,921	64,408	63,405	63,389	63,328	63,836	63,702
Employment-population ratio .....	71.8	70.6	70.4	71.7	70.1	70.0	69.9	70.4	70.1
Unemployed .....	3,600	4,412	4,334	3,982	5,043	5,001	4,882	4,976	4,856
Unemployment rate .....	5.3	6.4	6.3	5.8	7.4	7.3	7.2	7.2	7.1
<b>Men, 20 years and over</b>									
Civilian noninstitutional population .....	83,013	84,023	84,151	83,013	83,748	83,865	83,940	84,023	84,151
Civilian labor force .....	64,593	65,087	64,894	64,594	64,897	64,934	64,830	65,155	65,010
Participation rate .....	77.8	77.5	77.1	77.8	77.5	77.4	77.2	77.5	77.3
Employed .....	61,606	61,338	61,200	61,245	60,625	60,683	60,613	60,890	60,817
Employment-population ratio .....	74.2	73.0	72.7	73.8	72.4	72.4	72.2	72.5	72.3
Agriculture .....	2,371	2,520	2,468	2,283	2,438	2,381	2,365	2,423	2,378
Nonagricultural industries .....	59,235	58,818	58,732	58,962	58,187	58,302	58,248	58,467	58,440
Unemployed .....	2,986	3,749	3,694	3,349	4,272	4,251	4,217	4,265	4,193
Unemployment rate .....	4.8	5.8	5.7	5.2	6.6	6.5	6.5	6.5	6.4
<b>Women, 16 years and over</b>									
Civilian noninstitutional population .....	98,640	99,388	99,459	98,640	99,174	99,248	99,315	99,388	99,459
Civilian labor force .....	56,824	56,924	57,313	56,485	57,181	56,824	56,694	56,796	56,991
Participation rate .....	57.6	57.3	57.6	57.3	57.7	57.3	57.1	57.1	57.3
Employed .....	53,702	53,266	53,635	53,325	53,479	53,323	53,088	53,330	53,264
Employment-population ratio .....	54.4	53.6	53.9	54.1	53.9	53.7	53.5	53.7	53.6
Unemployed .....	3,122	3,659	3,678	3,160	3,702	3,500	3,606	3,466	3,726
Unemployment rate .....	5.5	6.4	6.4	5.6	6.5	6.2	6.4	6.1	6.5
<b>Women, 20 years and over</b>									
Civilian noninstitutional population .....	91,857	92,787	92,875	91,857	92,546	92,654	92,720	92,797	92,875
Civilian labor force .....	53,533	53,867	54,131	53,047	53,883	53,817	53,616	53,596	53,654
Participation rate .....	58.3	58.0	58.3	57.7	58.2	57.9	57.8	57.8	57.8
Employed .....	50,915	50,742	51,044	50,423	50,723	50,738	50,575	50,656	50,556
Employment-population ratio .....	55.4	54.7	55.0	54.9	54.8	54.8	54.5	54.6	54.4
Agriculture .....	666	715	668	628	617	601	642	679	629
Nonagricultural industries .....	50,249	50,027	50,376	49,795	50,106	50,136	49,933	49,977	49,927
Unemployed .....	2,618	3,125	3,086	2,624	3,160	2,879	3,041	2,940	3,098
Unemployment rate .....	4.9	5.8	5.7	4.9	6.9	5.4	5.7	5.5	5.8
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population .....	13,655	13,302	13,263	13,655	13,374	13,320	13,313	13,302	13,263
Civilian labor force .....	6,895	6,451	6,543	7,234	6,850	6,662	6,458	6,856	6,884
Participation rate .....	50.5	48.5	49.3	53.0	51.2	50.0	48.5	51.5	51.9
Employed .....	5,777	5,256	5,312	6,065	5,537	5,291	5,228	5,619	5,593
Employment-population ratio .....	42.3	39.5	40.0	44.4	41.4	39.7	39.3	42.2	42.2
Agriculture .....	243	190	175	264	254	256	259	204	188
Nonagricultural industries .....	5,534	5,064	5,137	5,801	5,283	5,035	4,969	5,415	5,405
Unemployed .....	1,117	1,196	1,232	1,169	1,313	1,371	1,230	1,237	1,291
Unemployment rate .....	16.2	18.5	18.8	16.2	19.2	20.6	19.0	18.0	18.8

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

adjusted columns.

Table A-2. 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>					
	Oct. 1990	Sept. 1991	Oct. 1991	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991
<b>WHITE</b>									
Civilian noninstitutional population .....	180,717	181,738	181,848	180,717	181,449	181,558	181,642	181,738	181,848
Civilian labor force .....	107,362	107,414	107,656	107,277	107,745	107,382	107,090	107,618	107,721
Participation rate .....	68.8	68.4	68.5	68.7	68.7	68.5	68.3	68.5	68.6
Employed .....	102,452	101,276	101,681	102,017	101,046	100,760	100,610	101,112	101,211
Employment-population ratio .....	63.7	62.8	62.8	63.5	62.6	62.4	62.2	62.5	62.5
Unemployed .....	4,910	6,138	5,995	5,260	6,899	6,622	6,480	6,505	6,510
Unemployment rate .....	4.8	5.7	5.6	4.9	6.2	6.2	6.1	6.0	6.0
<b>Men, 20 years and over</b>									
Civilian labor force .....	56,119	56,428	56,263	56,123	56,267	56,344	56,252	56,532	56,371
Participation rate .....	78.3	77.9	77.6	78.3	77.9	77.9	77.7	78.0	77.7
Employed .....	53,900	53,444	53,360	53,615	52,962	52,960	52,934	53,072	53,042
Employment-population ratio .....	75.2	73.8	73.6	74.8	73.2	73.2	73.1	73.3	73.2
Unemployed .....	2,219	2,982	2,903	2,508	3,304	3,385	3,318	3,459	3,329
Unemployment rate .....	4.0	5.3	5.2	4.5	5.9	6.0	5.9	6.1	5.9
<b>Women, 20 years and over</b>									
Civilian labor force .....	45,302	45,401	45,734	44,918	45,572	45,316	45,254	45,178	45,390
Participation rate .....	58.0	57.7	58.1	57.6	58.0	57.7	57.8	57.4	57.7
Employed .....	43,441	43,121	43,555	43,032	43,213	43,137	42,998	43,035	43,167
Employment-population ratio .....	55.7	54.8	55.3	55.1	55.0	54.9	54.7	54.7	54.8
Unemployed .....	1,862	2,280	2,179	1,886	2,360	2,179	2,256	2,141	2,223
Unemployment rate .....	4.1	5.0	4.8	4.2	5.2	4.8	5.0	4.7	4.9
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force .....	5,941	5,587	5,660	6,236	5,906	5,722	5,584	5,910	5,960
Participation rate .....	54.2	52.6	53.3	56.9	55.3	53.7	52.5	55.6	56.2
Employed .....	5,111	4,711	4,747	5,370	4,871	4,683	4,678	5,005	5,003
Employment-population ratio .....	46.8	44.3	44.7	49.0	45.6	43.7	43.9	47.1	47.1
Unemployed .....	829	877	912	866	1,035	1,059	906	905	957
Unemployment rate .....	14.0	15.7	16.1	13.9	17.5	18.5	16.2	15.3	16.1
Men .....	15.0	16.5	16.6	14.7	19.9	20.0	16.9	16.4	16.3
Women .....	12.8	14.8	15.6	13.0	14.9	16.8	15.5	14.1	15.8
<b>BLACK</b>									
Civilian noninstitutional population .....	21,383	21,683	21,714	21,383	21,595	21,631	21,655	21,683	21,714
Civilian labor force .....	13,497	13,685	13,560	13,493	13,613	13,516	13,454	13,737	13,554
Participation rate .....	63.1	63.1	62.5	63.1	63.0	62.5	62.1	63.4	62.4
Employed .....	11,957	12,055	11,868	11,913	11,837	11,922	11,798	12,080	11,830
Employment-population ratio .....	55.9	55.8	54.7	55.7	54.8	55.1	54.5	55.7	54.5
Unemployed .....	1,539	1,630	1,692	1,580	1,777	1,595	1,658	1,657	1,724
Unemployment rate .....	11.4	11.9	12.5	11.7	13.1	11.8	12.3	12.1	12.7
<b>Men, 20 years and over</b>									
Civilian labor force .....	6,339	6,417	6,377	6,339	6,399	6,379	6,301	6,409	6,374
Participation rate .....	74.1	73.6	73.0	74.1	73.9	73.5	72.4	73.5	73.0
Employed .....	5,870	5,773	5,720	5,635	5,584	5,638	5,577	5,716	5,686
Employment-population ratio .....	66.3	66.2	65.5	65.9	64.5	64.9	64.1	65.6	65.1
Unemployed .....	668	644	658	704	815	741	724	693	688
Unemployment rate .....	10.5	10.0	10.3	11.1	12.7	11.6	11.5	10.8	10.8
<b>Women, 20 years and over</b>									
Civilian labor force .....	6,389	6,574	6,499	6,345	6,483	6,418	6,485	6,576	6,454
Participation rate .....	69.7	60.4	59.6	59.3	59.8	59.2	59.7	60.4	59.2
Employed .....	5,782	5,855	5,732	5,728	5,768	5,813	5,816	5,896	5,703
Employment-population ratio .....	53.8	53.8	52.6	53.5	53.2	53.6	53.5	54.2	52.3
Unemployed .....	628	719	768	617	715	605	669	680	751
Unemployment rate .....	9.8	10.9	11.8	9.7	11.0	9.4	10.3	10.3	11.8
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force .....	768	694	684	809	732	719	668	752	726
Participation rate .....	36.1	33.2	32.8	38.0	34.8	34.3	31.9	36.0	34.8
Employed .....	626	427	417	550	485	470	403	468	441
Employment-population ratio .....	24.7	20.4	20.0	25.8	23.0	22.4	19.3	22.4	21.1
Unemployed .....	243	267	267	259	247	249	265	284	285
Unemployment rate .....	31.6	38.5	39.0	32.0	33.7	34.6	39.7	37.8	39.3
Men .....	31.0	40.6	35.0	31.3	37.4	31.8	37.5	40.8	35.4
Women .....	32.2	35.7	43.4	32.7	29.9	37.4	42.3	33.6	43.5

See footnotes at end of table.



Table A-2. Employment status of the civilian population by race, sex, age, and Hispanic origin — Continued

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Oct. 1990	Sept. 1991	Oct. 1991	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991
<b>HISPANIC ORIGIN</b>									
Civilian noninstitutional population .....	14,435	14,869	14,908	14,435	14,751	14,790	14,829	14,869	14,908
Civilian labor force .....	9,553	9,846	9,874	9,580	9,737	9,834	9,747	9,863	9,924
Participation rate .....	66.2	66.2	66.2	66.4	66.0	66.5	65.7	66.3	66.6
Employed .....	8,818	8,808	8,898	8,793	8,781	8,903	8,778	8,764	8,871
Employment-population ratio .....	61.1	59.2	59.7	60.9	59.5	60.2	59.2	58.9	59.5
Unemployed .....	735	1,038	976	787	956	931	969	1,098	1,053
Unemployment rate .....	7.7	10.5	9.9	8.2	9.8	9.5	9.9	11.1	10.6

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

Table A-3. Selected employment indicators

(In thousands)

Category	Not seasonally adjusted			Seasonally adjusted					
	Oct. 1990	Sept. 1991	Oct. 1991	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991
<b>CHARACTERISTIC</b>									
Civilian employed, 18 years and over .....	118,299	117,335	117,555	117,733	116,884	116,712	116,418	117,165	116,967
Married men, spouse present .....	41,156	40,753	40,898	40,833	40,337	40,503	40,482	40,510	40,531
Married women, spouse present .....	30,159	29,933	30,240	29,789	29,877	29,993	29,915	29,843	29,852
Women who maintain families .....	6,399	6,554	6,488	6,354	6,520	6,489	6,487	6,574	6,443
<b>OCCUPATION</b>									
Managerial and professional specialty .....	30,879	30,965	31,268	30,714	30,842	30,928	30,850	31,002	31,110
Technical, sales, and administrative support .....	36,518	35,879	36,168	36,447	36,283	35,891	35,876	36,098	36,132
Service occupations .....	15,758	15,946	15,954	15,880	16,142	16,138	15,939	16,075	16,034
Precision production, craft, and repair .....	13,625	13,084	13,244	13,547	13,207	13,057	13,102	13,045	13,152
Operators, fabricators, and laborers .....	18,084	17,793	17,446	17,858	16,974	17,184	17,121	17,509	17,161
Farming, forestry, and fishing .....	3,434	3,668	3,475	3,376	3,502	3,540	3,466	3,451	3,430
<b>INDUSTRY AND CLASS OF WORKER</b>									
<b>Agriculture:</b>									
Wage and salary workers .....	1,790	1,807	1,717	1,714	1,748	1,678	1,704	1,748	1,629
Self-employed workers .....	1,398	1,510	1,479	1,350	1,431	1,497	1,480	1,431	1,436
Unpaid family workers .....	94	109	115	99	115	120	102	118	126
<b>Nonagricultural industries:</b>									
Wage and salary workers .....	105,734	104,727	104,849	105,384	104,345	104,422	104,122	104,744	104,442
Government .....	17,944	17,847	18,401	17,694	17,898	17,969	17,908	17,955	18,185
Private industries .....	87,790	86,880	86,448	87,690	86,447	86,453	86,214	86,789	86,277
Private households .....	1,030	982	1,020	1,017	1,005	1,113	1,058	1,013	998
Other industries .....	86,760	85,898	85,428	86,673	85,441	85,340	85,156	85,775	85,279
Self-employed workers .....	9,049	8,980	9,169	8,859	8,968	8,860	8,817	8,980	8,980
Unpaid family workers .....	236	203	227	250	260	229	212	195	243
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>									
<b>All industries:</b>									
Part time for economic reasons .....	5,052	5,941	5,891	5,409	5,705	5,881	5,892	6,374	6,328
Slack work .....	2,522	3,048	3,218	2,683	3,148	3,091	3,073	3,417	3,438
Could only find part-time work .....	2,172	2,545	2,416	2,344	2,325	2,505	2,621	2,728	2,612
Voluntary part time .....	16,042	15,317	15,905	15,129	15,598	15,208	15,040	15,046	14,976
<b>Nonagricultural industries:</b>									
Part time for economic reasons .....	4,788	5,615	5,639	5,135	5,425	5,605	5,643	6,130	6,116
Slack work .....	2,324	2,829	3,022	2,467	2,964	2,915	2,886	3,207	3,253
Could only find part-time work .....	2,114	2,445	2,363	2,281	2,229	2,435	2,533	2,638	2,563
Voluntary part time .....	15,628	14,827	15,396	14,715	15,168	14,737	14,591	14,579	14,484

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

Table A-4. Selected unemployment indicators, seasonally adjusted

Category	Number of unemployed persons (in thousands)			Unemployment rates <sup>1</sup>					
	Oct. 1990	Sept. 1991	Oct. 1991	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991
<b>CHARACTERISTIC</b>									
Total, 16 years and over .....	7,142	8,442	8,582	5.7	7.0	6.8	6.8	6.7	6.8
Men, 20 years and over .....	3,349	4,265	4,193	5.2	6.6	6.5	6.5	6.5	6.4
Women, 20 years and over .....	2,624	2,940	3,098	4.9	5.9	5.4	5.7	5.5	5.8
Both sexes, 16 to 19 years .....	1,169	1,237	1,291	16.2	19.2	20.6	19.0	18.0	18.8
Married men, spouse present .....	1,493	1,889	1,769	3.5	4.7	4.3	4.3	4.5	4.2
Married women, spouse present .....	1,222	1,418	1,375	3.9	4.7	4.3	4.4	4.5	4.4
Women who maintain families .....	592	639	680	8.5	9.2	8.3	9.6	8.9	9.5
Full-time workers .....	5,860	6,892	7,095	5.5	6.6	6.5	6.5	6.4	6.6
Part-time workers .....	1,265	1,492	1,473	7.1	8.6	8.3	8.2	8.3	8.2
Labor force time lost <sup>2</sup> .....	—	—	—	6.8	7.6	7.5	7.8	7.7	7.7
<b>OCCUPATION<sup>3</sup></b>									
Managerial and professional specialty .....	706	891	828	2.2	2.8	2.9	2.9	2.8	2.9
Technical, sales, and administrative support .....	1,661	1,921	1,947	4.4	5.2	4.9	5.1	5.1	5.1
Precision production, craft, and repair .....	941	1,138	1,153	6.5	7.8	8.5	8.3	8.0	8.1
Operators, fabricators, and laborers .....	1,745	1,980	1,884	8.9	11.5	10.6	10.1	9.7	9.9
Farming, forestry, and fishing .....	196	304	286	5.5	7.6	6.7	8.1	8.1	7.7
<b>INDUSTRY</b>									
Nonagricultural private wage and salary workers .....	5,506	6,461	6,494	5.9	7.4	7.1	7.0	6.9	7.0
Goods-producing industries .....	2,114	2,459	2,518	7.3	9.7	9.1	8.9	8.7	9.0
Mining .....	30	85	57	4.1	8.5	8.7	7.5	11.1	7.5
Construction .....	816	956	970	13.0	15.6	16.7	15.1	15.7	16.2
Manufacturing .....	1,268	1,419	1,491	5.8	8.2	7.0	7.2	6.6	7.0
Durable goods .....	760	838	830	5.9	8.4	7.1	7.4	6.7	7.5
Nondurable goods .....	508	581	561	5.7	7.9	6.9	6.9	6.6	6.3
Service-producing industries .....	3,392	4,001	3,975	5.3	6.3	6.2	6.2	6.2	6.1
Transportation and public utilities .....	270	313	325	4.1	5.4	5.1	5.1	4.7	4.9
Wholesale and retail trade .....	1,597	1,851	1,852	6.7	7.6	8.1	7.8	7.8	7.8
Finance and service industries .....	1,525	1,837	1,798	4.5	5.7	5.1	5.5	5.3	5.3
Government workers .....	506	638	674	2.8	2.8	2.8	3.3	3.4	3.6
Agricultural wage and salary workers .....	159	214	221	8.5	12.2	11.5	11.9	10.9	12.0

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

<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.

<sup>3</sup> Seasonally adjusted unemployment data for service occupations are not

available because the seasonal components are small relative to the trend-cycle and/or irregular components and consequently cannot be separated with sufficient precision.

Table A-5. Duration of unemployment

(Numbers in thousands)

Weeks of unemployment	Not seasonally adjusted			Seasonally adjusted					
	Oct. 1990	Sept. 1991	Oct. 1991	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991
<b>DURATION</b>									
Less than 5 weeks .....	3,073	3,452	3,175	3,139	3,427	3,368	3,385	3,322	3,266
5 to 14 weeks .....	2,229	2,433	2,575	2,391	2,862	2,722	2,602	2,832	2,784
15 weeks and over .....	1,420	2,185	2,263	1,591	2,573	2,348	2,396	2,362	2,537
15 to 26 weeks .....	767	1,087	1,208	893	1,411	1,215	1,221	1,224	1,410
27 weeks and over .....	653	1,098	1,055	698	1,162	1,132	1,175	1,138	1,127
Average (mean) duration, in weeks .....	11.8	13.9	14.1	12.0	14.2	13.9	14.0	14.0	14.3
Median duration, in weeks .....	5.4	6.3	6.8	5.9	6.9	6.6	7.2	7.5	7.4
<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 .....	45.7	42.8	39.6	44.1	38.7	39.9	40.4	39.0	38.0
5 to 14 weeks .....	33.2	30.2	32.1	33.6	32.3	32.3	31.0	33.3	32.4
15 weeks and over .....	21.1	27.1	28.2	22.3	29.0	27.8	28.6	27.7	29.5
15 to 26 weeks .....	11.4	13.5	15.1	12.5	15.9	14.4	14.6	14.4	16.4
27 weeks and over .....	9.7	13.6	13.2	9.6	13.1	13.4	14.0	13.4	13.1

## HOUSEHOLD DATA

## HOUSEHOLD DATA

Table A-6. Reason for unemployment

(Numbers in thousands)

Reason	Not seasonally adjusted			Seasonally adjusted					
	Oct. 1990	Sept. 1991	Oct. 1991	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991
<b>NUMBER OF UNEMPLOYED</b>									
Job losers .....	3,109	4,198	4,070	3,563	4,869	4,598	4,665	4,801	4,722
On layoff .....	808	831	904	1,056	1,389	1,188	1,281	1,129	1,194
Other job losers .....	2,301	3,365	3,167	2,507	3,481	3,408	3,384	3,672	3,527
Job leavers .....	1,030	1,026	1,036	981	1,090	990	883	929	989
Reentrants .....	1,957	2,142	2,139	1,911	2,143	2,047	2,112	2,017	2,091
New entrants .....	625	706	787	684	741	821	762	782	828
<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 .....	46.3	52.0	50.8	49.9	55.1	54.4	55.4	56.3	54.7
On layoff .....	12.0	10.3	11.3	14.8	15.7	14.1	15.2	13.2	13.8
Other job losers .....	34.2	41.7	39.5	35.1	39.4	40.3	40.2	43.1	40.9
Job leavers .....	15.3	12.7	12.9	13.7	12.3	11.7	10.5	10.9	11.5
Reentrants .....	29.1	26.5	26.7	26.8	24.2	24.2	25.1	23.6	24.2
New entrants .....	9.3	8.7	9.8	9.8	8.4	9.7	9.0	9.2	9.8
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers .....	2.5	3.3	3.2	2.9	3.9	3.7	3.7	3.8	3.8
On layoff .....	.8	.8	.8	.8	.9	.8	.7	.7	.8
Other job losers .....	1.6	1.7	1.7	1.5	1.7	1.6	1.7	1.6	1.7
Job leavers .....	.5	.6	.6	.5	.6	.7	.6	.6	.7

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

(Percent)

Measure	Quarterly averages					Monthly data		
	1990		1991			1991		
	III	IV	I	II	III	Aug.	Sept.	Oct.
U-1 Persons unemployed 15 weeks or longer as a percent of the civilian labor force .....	1.3	1.3	1.6	1.9	1.9	1.9	1.9	2.0
U-2 Job losers as a percent of the civilian labor force .....	2.7	3.0	3.5	3.7	3.7	3.7	3.8	3.8
U-3 Unemployed persons 25 years and over as a percent of the civilian labor force for persons 25 years and over .....	4.4	4.7	5.3	5.5	5.4	5.5	5.4	5.4
U-4 Unemployed full-time jobseekers as a percent of the full-time civilian labor force .....	5.2	5.7	6.3	6.5	6.5	6.5	6.4	6.6
U-5a Total unemployed as a percent of the labor force, including the resident Armed Forces .....	5.5	5.8	6.4	6.7	6.7	6.7	6.6	6.7
U-5b Total unemployed as a percent of the civilian labor force .....	5.6	5.9	6.5	6.8	6.8	6.8	6.7	6.8
U-6 Total full-time jobseekers plus 1/2 part-time jobseekers plus 1/2 total on part time for economic reasons as a percent of the civilian labor force less 1/2 of the part-time labor force .....	7.6	8.1	9.0	9.2	9.2	9.2	9.3	9.4
U-7 Total full-time jobseekers plus 1/2 part-time jobseekers plus 1/2 total on part time for economic reasons plus discouraged workers as a percent of the civilian labor force plus discouraged workers less 1/2 of the part-time labor force .....	8.3	8.9	9.8	10.0	10.1	N.A.	N.A.	N.A.

N.A. = not available.

## HOUSEHOLD DATA

## HOUSEHOLD DATA

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

Sex and age	Number of unemployed persons (in thousands)			Unemployment rates <sup>1</sup>					
	Oct. 1990	Sept. 1991	Oct. 1991	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991
<b>Total, 16 years and over</b> .....	7,142	8,442	8,582	5.7	7.0	6.8	6.8	6.7	6.8
16 to 24 years .....	2,463	2,725	2,844	11.7	13.8	14.3	13.4	13.2	13.8
16 to 19 years .....	1,169	1,237	1,291	18.2	19.2	20.8	19.0	18.0	18.8
16 to 17 years .....	508	549	594	18.7	20.2	24.0	22.0	20.5	21.6
18 to 19 years .....	657	711	899	14.6	18.6	18.0	16.8	17.0	16.9
20 to 24 years .....	1,294	1,488	1,553	9.4	11.1	11.2	10.7	10.8	11.3
25 years and over .....	4,630	5,720	5,680	4.5	5.6	5.3	5.5	5.4	5.4
25 to 54 years .....	4,105	5,135	5,144	4.6	5.8	5.8	5.7	5.7	5.7
55 years and over .....	536	589	548	3.5	4.5	4.0	4.2	3.8	3.6
<b>Men, 16 years and over</b> .....	3,982	4,978	4,856	5.8	7.4	7.3	7.2	7.2	7.1
16 to 24 years .....	1,325	1,607	1,539	12.0	15.1	15.4	14.2	14.8	14.2
16 to 19 years .....	633	711	663	16.7	21.7	21.7	19.7	19.4	18.7
16 to 17 years .....	263	300	300	18.4	20.5	24.1	22.9	21.5	21.5
18 to 19 years .....	368	418	361	15.6	22.3	19.2	17.6	18.6	16.8
20 to 24 years .....	692	896	878	9.8	11.9	12.5	11.6	12.2	12.0
25 years and over .....	2,630	3,345	3,288	4.6	5.9	5.7	5.8	5.8	5.7
25 to 54 years .....	2,299	2,979	2,951	4.7	5.9	6.0	5.9	6.1	6.0
55 years and over .....	344	366	340	3.9	4.7	4.7	5.0	4.2	4.0
<b>Women, 16 years and over</b> .....	3,160	3,466	3,726	5.6	6.5	6.2	6.4	6.1	6.5
16 to 24 years .....	1,138	1,118	1,305	11.4	12.4	13.0	12.5	11.7	13.3
16 to 19 years .....	536	526	628	16.6	16.4	19.4	18.4	18.4	18.8
16 to 17 years .....	245	249	294	18.9	19.9	23.9	20.9	19.5	21.6
18 to 19 years .....	289	293	338	13.4	14.6	16.7	16.0	15.2	17.0
20 to 24 years .....	602	592	677	9.2	10.3	9.8	9.6	9.3	10.5
25 years and over .....	2,000	2,375	2,392	4.3	5.3	4.8	5.1	5.0	5.1
25 to 54 years .....	1,806	2,155	2,193	4.5	5.5	5.0	5.4	5.3	5.4
55 years and over .....	192	223	208	2.9	4.2	3.1	3.3	3.3	3.2

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

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
			Total		Employed		Unemployed		Percent of labor force	
	Oct. 1990	Oct. 1991	Oct. 1990	Oct. 1991	Oct. 1990	Oct. 1991	Oct. 1990	Oct. 1991	Oct. 1990	Oct. 1991
<b>VIETNAM-ERA VETERANS</b>										
Total, 35 years and over .....	7,690	7,810	6,980	7,076	6,718	6,745	262	331	3.8	4.7
35 to 49 years .....	6,501	6,424	6,156	6,080	5,924	5,781	232	298	3.8	4.9
35 to 39 years .....	1,339	1,090	1,253	1,019	1,172	958	81	62	6.5	6.1
40 to 44 years .....	3,245	2,993	3,085	2,838	3,001	2,673	84	163	2.7	5.8
45 to 49 years .....	1,917	2,341	1,818	2,205	1,752	2,132	66	73	3.7	3.3
50 years and over .....	1,179	1,386	824	1,016	794	984	30	32	3.7	3.2
<b>NONVETERANS</b>										
Total, 35 to 49 years .....	17,725	18,702	16,652	17,440	16,052	16,643	600	797	3.6	4.6
35 to 39 years .....	8,133	8,545	7,784	8,031	7,460	7,642	303	388	3.9	4.8
40 to 44 years .....	5,400	5,897	5,018	5,505	4,838	5,271	182	234	3.6	4.3
45 to 49 years .....	4,192	4,281	3,870	3,904	3,755	3,730	115	174	3.0	4.5

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 35 to 49

years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

Table A-10. Employment status of the civilian population for 11 large states

(Numbers in thousands)

State and employment status	Not seasonally adjusted <sup>1</sup>			Seasonally adjusted <sup>2</sup>					
	Oct. 1990	Sept. 1991	Oct. 1991	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991
<b>California</b>									
Civilian noninstitutional population .....	22,078	22,528	22,571	22,078	22,403	22,447	22,486	22,528	22,571
Civilian labor force .....	14,659	14,969	15,001	14,633	14,753	14,725	14,885	15,006	14,986
Employed .....	13,828	13,846	13,907	13,739	13,545	13,809	13,796	13,853	13,820
Unemployed .....	832	1,123	1,094	894	1,208	1,116	1,089	1,153	1,166
Unemployment rate .....	5.7	7.5	7.3	6.1	8.2	7.6	7.3	7.7	7.8
<b>Florida</b>									
Civilian noninstitutional population .....	10,188	10,404	10,424	10,188	10,344	10,365	10,384	10,404	10,424
Civilian labor force .....	6,475	6,473	6,498	6,443	6,396	6,413	6,480	6,474	6,455
Employed .....	6,076	5,954	6,031	6,047	5,918	5,913	5,956	5,958	5,988
Unemployed .....	399	519	467	396	478	500	524	516	467
Unemployment rate .....	6.2	8.0	7.2	6.1	7.5	7.8	8.1	8.0	7.2
<b>Illinois</b>									
Civilian noninstitutional population .....	8,885	8,926	8,931	8,885	8,914	8,919	8,922	8,926	8,931
Civilian labor force .....	6,044	6,010	5,981	6,040	6,061	6,042	6,035	5,995	5,955
Employed .....	5,699	5,612	5,514	5,877	5,820	5,636	5,598	5,569	5,494
Unemployed .....	346	398	447	363	441	406	437	426	461
Unemployment rate .....	5.7	6.6	7.5	6.0	7.3	6.7	7.2	7.1	7.7
<b>Massachusetts</b>									
Civilian noninstitutional population .....	4,620	4,624	4,625	4,620	4,623	4,624	4,624	4,624	4,625
Civilian labor force .....	3,116	3,125	3,132	3,140	3,105	3,099	3,047	3,141	3,155
Employed .....	2,930	2,846	2,874	2,937	2,810	2,818	2,768	2,853	2,875
Unemployed .....	186	279	258	203	295	281	279	288	280
Unemployment rate .....	6.0	8.9	8.2	6.5	9.5	9.1	9.2	9.2	8.9
<b>Michigan</b>									
Civilian noninstitutional population .....	7,004	7,020	7,023	7,004	7,015	7,018	7,019	7,020	7,023
Civilian labor force .....	4,563	4,510	4,536	4,538	4,552	4,446	4,428	4,502	4,510
Employed .....	4,236	4,093	4,149	4,203	4,138	4,075	4,026	4,065	4,112
Unemployed .....	327	417	386	335	414	371	402	437	398
Unemployment rate .....	7.2	9.2	8.5	7.4	9.1	8.3	9.1	9.7	8.8
<b>New Jersey</b>									
Civilian noninstitutional population .....	6,026	6,025	6,026	6,026	6,025	6,026	6,025	6,025	6,026
Civilian labor force .....	4,068	4,018	4,024	4,103	4,058	4,054	4,033	4,047	4,052
Employed .....	3,848	3,777	3,752	3,881	3,789	3,800	3,764	3,795	3,778
Unemployed .....	220	241	272	222	269	254	269	252	274
Unemployment rate .....	5.4	6.0	6.8	5.4	6.6	6.3	6.7	6.2	6.8
<b>New York</b>									
Civilian noninstitutional population .....	13,799	13,802	13,803	13,799	13,800	13,802	13,801	13,802	13,803
Civilian labor force .....	8,623	8,557	8,541	8,628	8,642	8,511	8,536	8,601	8,561
Employed .....	8,161	7,975	7,949	8,154	7,978	7,909	7,894	8,016	7,943
Unemployed .....	462	582	591	474	664	602	642	585	618
Unemployment rate .....	5.4	6.8	6.9	5.5	7.7	7.1	7.5	6.8	7.2

See footnotes at end of table.

## HOUSEHOLD DATA

## HOUSEHOLD DATA

Table A-10. Employment status of the civilian population for 11 large states — Continued

(Numbers in thousands)

State and employment status	Not seasonally adjusted <sup>1</sup>			Seasonally adjusted <sup>2</sup>					
	Oct. 1990	Sept. 1991	Oct. 1991	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991	Oct. 1991
<b>North Carolina</b>									
Civilian noninstitutional population .....	5,016	5,075	5,080	5,016	5,058	5,064	5,069	5,075	5,080
Civilian labor force .....	3,380	3,530	3,490	3,381	3,443	3,426	3,476	3,545	3,491
Employed .....	3,232	3,342	3,311	3,226	3,290	3,214	3,272	3,336	3,305
Unemployed .....	148	187	179	155	213	212	204	209	186
Unemployment rate .....	4.4	5.3	5.1	4.6	6.2	6.2	5.9	5.9	5.3
<b>Ohio</b>									
Civilian noninstitutional population .....	8,291	8,316	8,320	8,291	8,309	8,312	8,314	8,316	8,320
Civilian labor force .....	5,493	5,435	5,435	5,463	5,447	5,497	5,373	5,443	5,396
Employed .....	5,187	5,128	5,153	5,148	5,100	5,119	5,008	5,095	5,101
Unemployed .....	306	309	282	315	347	378	365	348	295
Unemployment rate .....	5.6	5.7	5.2	5.8	6.4	6.9	6.8	6.4	5.5
<b>Pennsylvania</b>									
Civilian noninstitutional population .....	9,395	9,419	9,422	9,395	9,411	9,415	9,416	9,419	9,422
Civilian labor force .....	5,897	5,915	5,993	5,905	5,940	5,952	5,908	5,921	5,994
Employed .....	5,550	5,542	5,811	5,558	5,543	5,534	5,475	5,520	5,806
Unemployed .....	346	373	383	347	397	418	433	401	388
Unemployment rate .....	5.9	6.3	6.4	5.9	6.7	7.0	7.3	6.8	6.5
<b>Texas</b>									
Civilian noninstitutional population .....	12,416	12,565	12,580	12,416	12,523	12,538	12,551	12,565	12,580
Civilian labor force .....	8,406	8,525	8,534	8,416	8,543	8,619	8,467	8,515	8,553
Employed .....	7,961	7,978	7,918	7,918	8,061	8,038	7,920	7,956	7,881
Unemployed .....	445	547	616	500	482	581	547	559	672
Unemployment rate .....	5.3	6.4	7.2	5.9	5.6	6.7	6.5	6.8	7.9

<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 nonfarm payrolls by industry  
(In thousands)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Oct. 1990	Aug. 1991	Sept. 1991 <sup>2</sup>	Oct. 1991 <sup>2</sup>	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991 <sup>2</sup>	Oct. 1991 <sup>2</sup>
Total.....	110,721	108,687	109,372	109,740	109,982	108,885	108,859	108,971	109,019	109,018
Total private.....	92,128	91,416	91,225	91,083	91,638	90,429	90,439	90,557	90,612	90,605
Goods-producing industries.....	25,062	24,255	24,198	24,070	24,705	23,792	23,798	23,826	23,792	23,727
Mining.....	718	704	693	688	710	704	701	693	684	680
Oil and gas extraction.....	399.1	394.6	386.4	384.9	397	398	394	390	384	383
Construction.....	5,252	5,001	4,946	4,883	5,022	4,710	4,695	4,691	4,697	4,668
General building contractors.....	1,316.4	1,254.2	1,209.3	1,191.9	1,272	1,172	1,170	1,165	1,162	1,155
Manufacturing.....	19,092	18,550	18,559	18,499	18,973	18,378	18,402	18,442	18,411	18,379
Production workers.....	12,984	12,579	12,606	12,571	12,864	12,410	12,448	12,488	12,456	12,451
Durable goods.....	11,050	10,563	10,580	10,546	11,000	10,534	10,546	10,553	10,531	10,496
Production workers.....	7,340	6,983	7,011	6,993	7,287	6,943	6,971	6,983	6,958	6,942
Lumber and wood products.....	737.2	717.5	713.3	704.7	730	696	699	700	697	698
Furniture and fixtures.....	509.5	481.1	483.6	484.9	505	483	478	483	481	481
Stone, clay, and glass products.....	356.6	332.3	331.2	329.6	349	318	320	323	322	322
Primary metal industries.....	253.7	222.8	220.9	215.6	253	218	221	222	219	215
Blast furnaces and basic steel products.....	274.2	261.4	269.3	257.1	276	260	260	260	260	258
Fabricated metal products.....	1,424.1	1,358.3	1,366.2	1,364.0	1,415	1,358	1,359	1,361	1,358	1,355
Industrial machinery and equipment.....	2,069.8	1,972.2	1,972.1	1,967.2	2,074	1,990	1,984	1,980	1,980	1,971
Electronic and other electrical equipment.....	1,655.0	1,586.9	1,583.3	1,581.6	1,647	1,594	1,589	1,585	1,580	1,574
Transportation equipment.....	1,966.9	1,856.5	1,872.8	1,860.0	1,957	1,845	1,841	1,868	1,862	1,849
Motor vehicles and equipment.....	815.1	790.2	807.4	798.1	805	770	791	797	795	788
Instruments and related products.....	994.1	967.6	965.9	961.8	995	969	968	966	967	963
Miscellaneous manufacturing.....	383.5	367.7	371.0	376.1	375	363	367	365	365	368
Nondurable goods.....	8,042	7,987	7,979	7,953	7,973	7,844	7,856	7,889	7,880	7,883
Production workers.....	5,644	5,596	5,595	5,578	5,577	5,467	5,477	5,505	5,498	5,509
Food and kindred products.....	1,719.6	1,765.7	1,758.8	1,722.4	1,672	1,677	1,660	1,685	1,675	1,674
Tobacco products.....	51.6	50.0	50.8	50.2	49	48	50	48	48	48
Textile mill products.....	484.4	473.5	475.0	475.0	478	465	471	470	470	472
Apparel and other textile products.....	1,041.9	1,031.6	1,039.8	1,045.6	1,032	1,017	1,032	1,031	1,034	1,036
Paper and allied products.....	699.8	697.2	693.0	690.7	699	687	689	692	692	690
Printing and publishing.....	1,570.2	1,526.2	1,523.6	1,524.8	1,573	1,531	1,532	1,531	1,530	1,526
Chemicals and allied products.....	1,092.7	1,095.9	1,088.6	1,092.0	1,095	1,086	1,084	1,088	1,088	1,094
Petroleum and coal products.....	160.1	163.3	161.2	160.9	158	159	159	160	159	159
Rubber and misc. plastics products.....	894.3	860.9	866.0	869.8	889	854	857	861	863	864
Leather and leather products.....	130.0	122.5	122.5	121.6	128	120	123	121	121	120
Service-producing industries.....	85,659	84,432	85,174	85,670	85,277	85,093	85,061	85,145	85,227	85,291
Transportation and public utilities.....	5,907	5,822	5,873	5,881	5,855	5,809	5,809	5,820	5,825	5,831
Transportation.....	3,634	3,546	3,612	3,622	3,582	3,546	3,550	3,564	3,566	3,572
Communications and public utilities.....	2,273	2,276	2,261	2,259	2,273	2,263	2,259	2,256	2,259	2,259
Wholesale trade.....	6,209	6,085	6,065	6,059	6,190	6,068	6,064	6,050	6,047	6,041
Durable goods.....	3,613	3,517	3,493	3,485	3,613	3,517	3,509	3,500	3,493	3,485
Nondurable goods.....	2,596	2,568	2,572	2,574	2,577	2,551	2,555	2,550	2,554	2,556
Retail trade.....	19,669	19,478	19,378	19,292	19,663	19,345	19,347	19,343	19,339	19,292
General merchandise stores.....	2,508.5	2,306.4	2,304.9	2,339.4	2,491	2,358	2,347	2,349	2,340	2,323
Food stores.....	3,246.2	3,230.3	3,218.4	3,233.6	3,238	3,229	3,232	3,227	3,228	3,224
Automotive dealers and service stations.....	2,083.6	2,064.3	2,054.0	2,048.1	2,075	2,034	2,038	2,038	2,036	2,040
Eating and drinking places.....	6,564.3	6,753.3	6,700.6	6,538.6	6,586	6,571	6,578	6,563	6,569	6,558
Finance, insurance, and real estate.....	6,727	6,772	6,706	6,675	6,746	6,703	6,688	6,687	6,691	6,695
Finance.....	3,293	3,302	3,281	3,273	3,305	3,281	3,275	3,276	3,284	3,286
Insurance.....	2,121	2,131	2,117	2,117	2,127	2,130	2,122	2,123	2,121	2,123
Real estate.....	1,313	1,339	1,308	1,285	1,314	1,292	1,291	1,288	1,286	1,286
Services.....	28,554	29,004	29,005	29,106	28,479	28,712	28,733	28,831	28,918	29,019
Business services.....	5,363.4	5,379.3	5,414.4	5,423.8	5,295	5,280	5,280	5,321	5,334	5,354
Health services.....	7,957.8	8,314.0	8,319.7	8,353.5	7,965	8,206	8,249	8,289	8,320	8,362
Government.....	18,993	17,271	18,147	18,657	18,344	18,456	18,420	18,414	18,407	18,613
Federal.....	2,965	2,991	2,973	2,969	2,980	2,971	2,963	2,967	2,979	2,984
State.....	4,444	4,103	4,268	4,426	4,339	4,359	4,338	4,337	4,333	4,322
Local.....	11,184	10,177	10,906	11,262	11,025	11,126	11,119	11,110	11,095	11,107

<sup>2</sup> = preliminary.

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

Industry	Not seasonally adjusted				Seasonally adjusted					
	Oct. 1990	Aug. 1991	Sept. 1991g/	Oct. 1991g/	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991g/	Oct. 1991g/
Total private.....	34.3	34.7	34.7	34.4	34.2	34.6	34.1	34.3	34.5	34.3
Mining.....	44.6	44.5	44.8	44.6	44.0	45.0	43.9	44.5	44.1	44.1
Construction.....	38.0	38.7	39.0	39.2	(2)	(2)	(2)	(2)	(2)	(2)
Manufacturing.....	40.9	40.9	41.4	41.1	40.7	40.8	40.7	41.0	41.0	40.9
Overtime hours.....	3.8	3.9	4.2	4.0	3.6	3.7	3.7	3.8	3.7	3.7
Durable goods.....	41.4	41.2	41.8	41.6	41.3	41.3	41.2	41.4	41.5	41.4
Overtime hours.....	3.8	3.8	4.1	3.9	3.6	3.7	3.7	3.8	3.7	3.7
Lumber and wood products.....	40.2	40.6	40.8	40.3	39.8	40.6	40.0	40.2	40.4	39.9
Furniture and fixtures.....	39.2	39.5	40.0	39.5	38.6	39.3	39.2	39.1	39.2	39.1
Stone, clay, and glass products.....	41.9	42.2	42.6	42.4	41.2	42.0	41.9	41.6	42.0	41.8
Primary metal industries.....	42.8	42.6	43.1	42.9	42.9	42.3	42.6	43.0	42.8	42.9
Blast furnaces and basic steel products.....	43.5	43.5	44.0	43.9	43.7	42.6	43.1	43.9	43.7	44.1
Fabricated metal products.....	41.4	41.4	42.0	41.9	41.2	41.2	41.3	41.6	41.7	41.7
Industrial machinery and equipment.....	42.0	41.5	42.3	41.9	42.1	41.8	41.6	42.0	42.1	41.9
Electronic and other electrical equipment.....	40.9	40.5	41.1	40.7	40.7	40.7	40.7	40.8	40.8	40.5
Transportation equipment.....	42.3	41.8	42.8	42.9	42.3	42.1	42.3	42.4	42.3	42.6
Motor vehicles and equipment.....	43.3	42.5	44.0	44.1	42.6	42.9	43.6	43.3	43.0	43.4
Instruments and related products.....	41.0	40.7	41.3	41.1	41.0	41.0	40.6	41.0	41.3	41.1
Miscellaneous manufacturing.....	40.2	40.1	40.3	40.4	39.8	39.7	39.6	40.1	40.2	39.9
Nondurable goods.....	40.2	40.5	40.8	40.5	40.0	40.1	40.1	40.4	40.4	40.3
Overtime hours.....	3.8	4.0	4.3	4.0	3.6	3.7	3.7	3.8	3.8	3.8
Food and kindred products.....	41.0	41.1	41.4	40.9	40.6	40.4	40.4	40.5	40.6	40.6
Tobacco products.....	40.8	39.4	40.1	40.1	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products.....	40.1	41.8	41.8	41.4	39.8	40.8	41.0	41.4	41.3	41.1
Apparel and other textile products.....	36.6	37.4	37.6	37.7	36.4	36.9	37.0	37.3	37.4	37.5
Paper and allied products.....	43.6	43.3	43.8	43.5	43.5	43.2	43.5	43.5	43.4	43.3
Printing and publishing.....	38.0	38.0	38.2	37.9	37.9	37.8	37.6	37.8	37.7	37.8
Chemicals and allied products.....	42.5	42.7	43.3	43.0	42.6	42.8	42.6	43.2	43.3	43.1
Petroleum and coal products.....	43.8	43.6	44.7	44.8	(2)	(2)	(2)	(2)	(2)	(2)
Rubber and misc. plastics products.....	41.3	41.2	41.5	41.4	41.1	41.1	41.1	41.4	41.2	41.2
Leather and leather products.....	37.3	37.8	37.9	37.0	37.1	37.6	37.7	37.3	37.7	36.9
Transportation and public utilities.....	38.7	38.9	39.0	38.7	38.5	38.9	38.4	38.7	38.8	38.5
Wholesale trade.....	38.1	38.2	38.4	38.2	37.9	38.4	37.9	38.2	38.2	38.1
Retail trade.....	28.4	29.3	28.8	28.4	28.4	28.9	28.4	28.6	28.8	28.4
Finance, insurance, and real estate.....	35.5	35.7	36.1	35.5	(2)	(2)	(2)	(2)	(2)	(2)
Services.....	32.4	32.7	32.6	32.4	32.3	32.7	32.2	32.4	32.6	32.4

1/ Data relate to production workers in mining and manufacturing; construction workers in construction; and 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 nonfarm payrolls.

2/ These series are 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<sup>1/</sup> on private nonfarm payrolls by industry

Industry	Average hourly earnings				Average weekly earnings			
	Oct. 1990	Aug. 1991	Sept. 1991g/	Oct. 1991g/	Oct. 1990	Aug. 1991	Sept. 1991g/	Oct. 1991g/
Total private.....	\$10.14	\$10.31	\$10.46	\$10.45	\$347.80	\$357.76	\$362.96	\$359.48
Seasonally adjusted.....	10.10	10.40	10.42	10.41	345.42	356.72	359.49	357.06
Mining.....	13.73	14.16	14.36	14.19	612.36	630.12	643.33	632.87
Construction.....	13.97	14.03	14.14	14.14	530.86	542.96	551.46	554.29
Manufacturing.....	10.94	11.17	11.28	11.27	447.45	456.85	466.99	463.20
Durable goods.....	11.50	11.77	11.89	11.87	476.10	484.92	497.00	493.79
Lumber and wood products.....	9.14	9.36	9.40	9.35	367.43	380.02	383.52	376.81
Furniture and fixtures.....	8.61	8.82	8.88	8.86	337.51	348.39	355.20	349.97
Stone, clay, and glass products.....	11.18	11.41	11.43	11.41	468.44	481.50	486.92	483.78
Primary metal industries.....	15.08	15.42	15.52	15.52	539.82	571.69	582.71	580.01
Blast furnaces and basic steel products..	15.04	15.44	15.56	15.67	454.24	471.64	484.64	487.91
Fabricated metal products.....	10.95	11.23	11.32	11.31	453.33	464.92	475.44	473.89
Industrial machinery and equipment.....	11.90	12.15	12.24	12.27	499.80	504.23	517.75	514.11
Electronic and other electrical equipment..	10.45	10.78	10.85	10.82	427.41	436.59	445.94	440.37
Transportation equipment.....	14.41	14.83	15.06	15.01	612.43	619.89	644.57	643.93
Motor vehicles and equipment.....	15.00	15.32	15.66	15.55	649.50	651.10	689.04	685.76
Instruments and related products.....	11.46	11.66	11.74	11.76	469.86	474.56	484.86	483.34
Miscellaneous manufacturing.....	8.62	8.85	8.90	8.83	346.52	354.89	358.67	356.73
Nondurable goods.....	10.20	10.42	10.49	10.50	410.04	422.01	427.99	425.25
Food and kindred products.....	9.54	9.81	9.87	9.89	391.14	403.19	408.62	404.50
Tobacco products.....	15.81	16.58	16.02	16.08	645.05	653.23	642.40	644.81
Textile mill products.....	8.12	8.36	8.42	8.41	325.61	349.45	351.96	348.17
Apparel and other textile products.....	6.45	6.80	6.86	6.78	243.39	254.32	267.94	255.61
Paper and allied products.....	12.43	12.72	12.79	12.80	541.95	550.78	560.20	556.80
Printing and publishing.....	11.36	11.56	11.67	11.63	431.68	439.28	445.79	440.78
Chemicals and allied products.....	13.74	14.06	14.22	14.34	583.95	600.36	615.73	616.62
Petroleum and coal products.....	16.40	16.80	17.15	17.08	718.32	732.48	766.61	765.18
Rubber and misc. plastics products.....	9.87	10.11	10.17	10.19	407.63	416.53	422.06	421.87
Leather and leather products.....	6.96	7.10	7.18	7.20	259.61	268.38	272.12	266.40
Transportation and public utilities.....	13.08	13.26	13.31	13.31	506.20	515.81	519.09	515.10
Wholesale trade.....	10.86	11.14	11.24	11.17	413.77	425.55	431.62	426.69
Retail trade.....	6.83	6.97	7.07	7.07	193.97	204.22	203.62	200.79
Finance, insurance, and real estate.....	10.08	10.37	10.52	10.48	357.84	370.21	379.77	372.04
Services.....	9.96	10.15	10.34	10.33	322.70	331.91	337.08	334.69

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

g = preliminary.

Table B-4. Average hourly earnings of production or nonsupervisory workers<sup>1/</sup> on private nonfarm payrolls by industry, seasonally adjusted

Industry	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991g/	Oct. 1991g/	Percent change from: Sept. 1991- Oct. 1991
Total private:							
Current dollars.....	\$10.10	\$10.37	\$10.36	\$10.40	\$10.42	\$10.41	-0.1
Constant (1982) dollars <sup>2/</sup> .....	7.45	7.49	7.47	7.49	7.48	N.A.	(5)
Mining.....	13.83	14.30	14.24	14.27	14.35	14.29	-0.4
Construction.....	13.86	13.98	14.01	14.07	14.03	14.03	.0
Manufacturing.....	10.96	11.19	11.22	11.25	11.26	11.28	.2
Excluding overtime <sup>3/</sup> .....	10.50	10.71	10.74	10.76	10.77	10.78	.1
Transportation and public utilities	13.05	13.23	13.26	13.30	13.24	13.27	.1
Wholesale trade.....	10.88	11.23	11.14	11.22	11.23	11.19	-0.4
Retail trade.....	6.82	7.01	7.03	7.04	7.05	7.06	.1
Finance, insurance, and real estate	10.09	10.50	10.40	10.47	10.54	10.48	-0.6
Services.....	9.92	10.29	10.25	10.30	10.33	10.29	-0.4

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

<sup>2/</sup> The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate this series.

<sup>3/</sup> Change was -0.1 percent from August 1991 to September 1991, the latest month available.

<sup>4/</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half.

N.A. = not available.

g/ = preliminary.

## ESTABLISHMENT DATA

## ESTABLISHMENT DATA

Table B-5. Indexes of aggregate weekly hours of production or nonsupervisory workers<sup>1/</sup> on private nonfarm payrolls by industry

(1982=100)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Oct. 1990	Aug. 1991	Sept. 1991 <sup>p/</sup>	Oct. 1991 <sup>p/</sup>	Oct. 1990	June 1991	July 1991	Aug. 1991	Sept. 1991 <sup>p/</sup>	Oct. 1991 <sup>p/</sup>
Total private.....	123.9	124.1	123.7	122.7	122.6	122.1	120.7	121.5	122.2	121.4
Goods-producing industries.....	110.8	107.2	108.1	107.2	107.7	103.8	103.8	104.4	104.5	104.2
Mining.....	66.1	63.5	62.9	62.3	64.4	64.2	62.5	62.2	60.9	60.8
Construction.....	141.6	136.4	135.8	134.5	130.9	124.4	123.8	123.3	124.9	124.6
Manufacturing.....	107.1	103.8	105.2	104.3	105.6	102.0	102.3	103.2	103.0	102.8
Durable goods.....	105.4	99.8	101.7	100.9	104.2	99.4	99.6	100.3	100.1	99.6
Lumber and wood products.....	128.9	126.9	126.8	125.5	126.3	122.4	121.3	122.1	122.3	121.2
Furniture and fixtures.....	123.9	117.5	119.7	118.7	120.8	117.1	115.5	116.5	116.8	116.2
Stone, clay, and glass products.....	109.7	105.3	106.1	105.4	106.4	101.6	101.6	101.6	102.4	102.1
Primary metal industries.....	92.8	87.9	89.0	87.6	92.6	86.7	87.8	88.8	87.9	87.6
Blast furnaces and basic steel products.....	81.9	77.5	78.2	76.7	83.3	75.7	76.2	78.0	77.7	77.6
Fabricated metal products.....	108.1	102.2	104.7	104.3	106.6	101.6	102.1	102.9	103.2	102.8
Industrial machinery and equipment.....	96.0	89.6	91.4	90.7	96.6	91.2	90.3	91.3	91.4	90.9
Electronic and other electrical equipment.....	105.7	100.7	101.9	101.1	104.7	101.3	101.4	101.5	100.9	100.0
Transportation equipment.....	120.2	111.6	116.1	115.3	118.3	111.0	113.9	114.7	113.6	113.4
Motor vehicles and equipment.....	130.2	124.4	131.9	130.7	128.4	121.8	128.6	128.6	126.6	126.3
Instruments and related products.....	86.1	82.3	83.1	82.6	85.5	83.3	82.3	82.6	82.6	82.1
Miscellaneous manufacturing.....	105.3	100.1	101.8	103.6	101.3	97.1	98.4	99.2	99.5	99.9
Nondurable goods.....	109.4	109.3	110.0	109.0	107.6	105.8	106.0	107.2	107.0	107.2
Food and kindred products.....	115.4	120.1	120.7	116.2	110.4	110.4	109.0	111.4	111.1	111.0
Tobacco products.....	77.6	75.1	75.5	74.6	70.0	68.8	69.7	74.5	68.8	66.9
Textile mill products.....	97.2	100.3	100.5	97.7	95.9	96.8	98.0	98.7	98.5	98.5
Apparel and other textiles products.....	93.9	94.8	96.0	97.0	92.3	92.1	94.2	96.0	94.9	95.5
Paper and allied products.....	111.9	110.9	111.5	110.5	111.1	108.9	109.7	110.5	110.2	109.8
Printing and publishing.....	127.5	123.2	123.4	122.7	127.4	122.7	122.6	122.9	122.8	122.7
Chemicals and allied products.....	103.9	102.7	102.8	103.3	104.4	101.9	100.9	102.9	102.6	103.7
Petroleum and coal products.....	87.8	88.2	89.5	89.7	86.0	86.2	85.4	86.4	86.5	86.9
Rubber and misc. plastics products.....	129.5	123.6	125.2	125.9	128.0	122.1	122.5	124.1	123.9	124.2
Leather and leather products.....	61.2	57.8	57.9	56.2	60.0	56.0	57.3	56.1	56.8	55.0
Service-producing industries.....	129.8	131.7	130.7	129.6	129.3	130.3	128.2	129.2	130.2	129.0
Transportation and public utilities.....	116.1	115.2	116.7	116.1	114.3	114.8	113.5	114.5	115.0	114.2
Wholesale trade.....	116.4	114.5	114.5	114.0	115.7	114.5	112.9	113.4	113.5	113.1
Retail trade.....	121.7	124.1	121.0	118.9	121.7	121.5	119.3	120.1	120.9	118.8
Finance, insurance, and real estate.....	119.4	121.0	120.6	118.1	119.4	121.3	117.9	119.0	120.4	118.1
Services.....	146.4	150.2	149.6	149.2	146.1	148.5	146.4	147.8	149.1	148.7

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

p = preliminary.

Table B-6. Diffusion indexes of employment change, seasonally adjusted  
(Percent)

Time span	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.
Private nonfarm payrolls, 356 industries <sup>1/</sup>												
Over 1-month span:												
1989.....	64.5	59.0	58.7	53.9	52.7	53.8	52.9	54.6	49.2	56.6	59.6	52.1
1990.....	58.1	58.1	52.2	48.7	52.8	48.3	46.6	47.8	45.1	41.4	40.3	42.0
1991.....	38.5	36.9	38.6	38.5	51.1	45.8	51.3	54.8	R/50.8	R/48.6		
Over 3-month span:												
1989.....	67.6	65.2	61.1	56.2	54.5	53.9	54.9	52.5	55.9	56.0	55.8	59.1
1990.....	58.8	59.0	54.4	50.7	48.7	49.4	45.6	43.7	40.0	37.4	35.8	35.1
1991.....	31.6	30.8	30.3	38.3	39.5	48.9	51.7	R/54.2	R/51.1			
Over 6-month span:												
1989.....	67.7	65.0	63.3	59.0	56.5	53.4	54.5	55.9	53.8	58.1	57.9	59.1
1990.....	56.6	55.2	55.2	51.8	47.6	44.9	42.7	38.6	37.2	34.8	30.9	28.8
1991.....	26.7	31.2	29.5	34.3	41.2	R/47.5	R/50.7					
Over 12-month span:												
1989.....	65.3	65.2	62.2	61.5	61.5	59.6	57.6	56.7	55.8	56.0	55.5	55.6
1990.....	54.6	54.5	51.4	48.3	46.6	43.5	40.3	35.8	34.1	30.6	32.0	30.2
1991.....	30.2	30.6	R/30.2	R/32.6								
Manufacturing payrolls, 139 industries <sup>1/</sup>												
Over 1-month span:												
1989.....	58.6	50.7	48.9	47.5	47.1	44.2	44.2	45.7	38.8	48.2	48.6	45.3
1990.....	46.0	51.1	41.4	47.8	41.7	39.6	43.2	40.3	38.8	34.5	27.3	33.8
1991.....	31.7	28.4	29.9	38.5	46.8	46.0	53.2	53.2	R/46.4	R/46.0		
Over 3-month span:												
1989.....	56.5	54.3	49.3	43.5	42.8	42.1	40.3	36.3	39.9	41.0	41.0	41.7
1990.....	45.0	43.2	45.0	38.1	38.1	37.4	35.6	31.3	27.0	23.0	21.6	18.3
1991.....	19.4	16.5	18.0	30.2	36.3	48.9	57.2	R/56.5	R/45.7			
Over 6-month span:												
1989.....	57.9	51.8	48.6	45.0	41.7	38.1	38.1	38.1	35.6	38.8	39.6	39.6
1990.....	39.9	36.7	37.1	40.3	32.4	30.6	24.1	20.5	21.2	17.3	16.2	11.9
1991.....	10.4	17.3	19.4	23.4	38.5	R/45.7	R/50.4					
Over 12-month span:												
1989.....	53.6	56.1	51.8	46.4	44.6	41.7	38.1	35.3	34.9	36.3	32.4	32.7
1990.....	35.3	33.5	31.3	29.5	25.2	20.9	19.8	14.0	12.9	10.1	11.2	10.4
1991.....	13.3	14.7	R/14.0	R/17.3								

<sup>1/</sup> Based on seasonally adjusted data for 1-, 3-, and 6-month spans and unadjusted data for the 12-month span. Data are centered within the span.

p = preliminary.

NOTE: Figures are the percent of industries with

employment increasing plus one-half of the industries with unchanged employment, where 50 percent indicates an equal balance between industries with increasing and decreasing employment.