

# News

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## THE EMPLOYMENT SITUATION: APRIL 1990

Unemployment edged up in April and the number of payroll jobs was about unchanged, the Bureau of Labor Statistics of the U.S. Department of Labor reported today. The overall jobless rate of 5.3 percent and the civilian worker rate of 5.4 percent were both up by 0.2 percentage point from the previous month but remained within the narrow range that has prevailed for the past year and a half.

Payroll employment, as measured by the survey of nonfarm business establishments, was virtually unchanged at 110.5 million in April, after seasonal adjustment, despite the addition of 80,000 temporary census workers. Total civilian employment, as measured by the survey of households, fell slightly to a seasonally adjusted level of 118.1 million.

### Unemployment (Household Survey Data)

Both the number of unemployed persons and the civilian worker unemployment rate edged up in April, reaching 6.8 million and 5.4 percent, respectively. Most of the increased joblessness occurred among 20-24 year-olds. Among the major worker groups, the unemployment rate for adult men rose 0.3 percentage point to 4.8 percent, as did the rate for whites. Jobless rates for adult women (4.8 percent), teenagers (14.7 percent), blacks (10.4 percent), and Hispanics (8.0 percent) were little changed over the month. (See tables A-2, A-3, and A-9.)

Both the mean and median duration of unemployment, at 12.1 and 5.0 weeks, respectively, were about unchanged in April. The number working part time for economic reasons--often referred to as underemployed workers--was also about unchanged, at 4.9 million. (See tables A-7 and A-4.)

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

Total civilian employment declined slightly in April to a seasonally adjusted level of 118.1 million. As a result, the proportion of the working-age population that is employed (the employment-population ratio) edged down to 62.9 percent in April, the same as a year earlier. (See table A-2.)

The civilian labor force, 124.9 million, and the labor force participation rate, 66.5 percent, were little changed over the month. Over

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

Category	Quarterly averages		Monthly data			Mar.- Apr. change
	1989	1990	1990			
	IV	I	Feb.	Mar.	Apr.	
<b>HOUSEHOLD DATA</b>						
	Thousands of persons					
Labor force 1/.....	126,098	126,300	126,308	126,498	126,543	45
Total employment 1/..	119,474	119,758	119,713	120,003	119,773	-230
Civilian labor force...	124,394	124,619	124,630	124,829	124,886	57
Civilian employment...	117,770	118,077	118,035	118,334	118,116	-218
Unemployment.....	6,624	6,541	6,594	6,495	6,770	275
Not in labor force....	62,624	62,793	62,782	62,700	62,783	83
Discouraged workers...	827	747	N.A.	N.A.	N.A.	N.A.
	Percent of labor force					
Unemployment rates:						
All workers 1/.....	5.3	5.2	5.2	5.1	5.3	0.2
All civilian workers	5.3	5.2	5.3	5.2	5.4	.2
Adult men.....	4.6	4.6	4.6	4.5	4.8	.3
Adult women.....	4.8	4.7	4.8	4.7	4.8	.1
Teenagers.....	15.2	14.5	14.8	14.4	14.7	.3
White.....	4.5	4.6	4.6	4.5	4.8	.3
Black.....	11.8	10.8	10.5	10.6	10.4	-.2
Hispanic origin...	8.1	7.5	7.8	7.7	8.0	.3
<b>ESTABLISHMENT DATA</b>						
	Thousands of jobs					
Nonfarm employment....	109,398	p110,214	110,304	p110,407	p110,471	p64
Goods-producing.....	25,581	p25,603	25,686	p25,604	p25,489	p-115
Service-producing...	83,816	p84,611	84,618	p84,803	p84,982	p179
	Hours of work					
Average weekly hours:						
Total private.....	34.6	p34.6	34.6	p34.6	p34.6	p.0
Manufacturing.....	40.7	p40.7	40.7	p40.8	p40.6	p-0.2
Overtime.....	3.7	p3.7	3.6	p3.7	p3.5	p-.2

1/ Includes the resident Armed Forces.

N.A.=not available.

p=preliminary.

the past year, the labor force has expanded by only 1.2 million, with adult women accounting for three-fourths of the gain. (See table A-2.)

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

Total nonfarm employment, at 110.5 million in April, was little changed for the second consecutive month. In the goods-producing sector, employment fell by 115,000, after seasonal adjustment. Service sector jobs rose by 180,000, but nearly half of the increase occurred in Federal government, reflecting the additional hiring of temporary workers to assist with the 1990 census. Excluding the Federal government, job growth has averaged 175,000 a month so far in 1990, down slightly from the pace of 1989. (See table B-1.)

Construction employment fell by 100,000, after seasonal adjustment. After large fluctuations in seasonally adjusted employment, reflecting a winter marked by unusual weather, the April count of construction jobs was about the same as that recorded last fall. Manufacturing employment showed further weakness; the decline was concentrated in the durable goods component, with the largest job loss occurring in the machinery industry. In nondurable goods, an increase of nearly 10,000 in apparel reflected the return from March layoffs. Factory jobs have decreased by 280,000 over the past 13 months. Mining employment increased slightly in April; since the beginning of 1989, mining jobs have risen by 45,000, mostly in oil and gas extraction.

In the service-producing sector, the number of government employees increased by 130,000, as an estimated 80,000 temporary census workers were added to the payrolls, bringing the total hired thus far to nearly 200,000. Elsewhere, job gains were quite modest. Employment in retail trade and in transportation and public utilities was unchanged. Within the finance, insurance, and real estate industry, a small gain in insurance was offset by a decline in real estate. After strong growth in the first quarter, employment in the services industry was about unchanged overall, even though the health services component added another 45,000 jobs.

#### Weekly Hours (Establishment Survey Data)

The average workweek for production or nonsupervisory workers on private nonfarm payrolls was unchanged in April at 34.6 hours, seasonally adjusted. In manufacturing, the workweek declined 0.2 hour to 40.6 hours, and factory overtime also fell 0.2 hour to 3.5 hours. (See table B-2.)

The index of aggregate weekly hours of private production or nonsupervisory workers was about unchanged in April at 130.2 (1977=100), after seasonal adjustment. The index for manufacturing declined by 0.5 percent to 93.9, and the construction index fell 4.6 percent to 139.9. (See table B-5.)

Hourly and Weekly Earnings (Establishment Survey Data)

Both hourly and weekly earnings of production or nonsupervisory workers on private nonfarm payrolls rose 0.3 percent in April, on a seasonally adjusted basis. Prior to seasonal adjustment, average hourly earnings rose 4 cents to \$9.97 and average weekly earnings advanced \$2.38 to \$343.97. Over the year, average hourly earnings rose 3.6 percent and weekly earnings were up 2.7 percent. (See tables B-3 and B-4.)

Note on Establishment Survey Data

Establishment survey data will be revised based on new benchmark levels with the release of August data in September, to incorporate the introduction of the 1987 Standard Industrial Classification codes.

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The Employment Situation for May 1990 will be released on Friday, June 1, at 8:30 A.M. (EDT).

# Explanatory Note

This news release presents statistics from two major surveys, the Current Population Survey (household survey) and the Current Employment Statistics Survey (establishment survey). The household survey provides the information on the labor force, total employment, and unemployment that appears in the A tables, marked HOUSEHOLD DATA. It is a sample survey of about 60,000 households that is conducted by the Bureau of the Census with most of the findings analyzed and published by the Bureau of Labor Statistics (BLS).

The establishment survey provides the information on the employment, hours, and earnings of workers on nonagricultural payrolls that appears in the B tables, marked ESTABLISHMENT DATA. This information is collected from payroll records by BLS in cooperation with State agencies. The sample includes over 300,000 establishments employing over 38 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. 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 *labor force* equals the sum of the number employed and the number unemployed. The *unemployment rate* is the percentage of unemployed people in the labor force (civilian plus the resident Armed Forces). Table A-5 presents a special grouping of seven measures of unemployment based on varying definitions of unemployment and the labor force. The definitions are provided in the table. The most restrictive definition yields U-1 and the most comprehensive yields U-7. The overall unemployment rate is U-5a, while U-5b represents the same measure with a civilian labor force base.

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

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

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

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

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

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

## Seasonal adjustment

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

Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make nonseasonal developments, such as declines in economic activity or increases in the participation of women in the labor force, easier to spot. To return to the school's-out example, the large number of people entering the labor force each June is likely to obscure any other changes that have taken place since May, making it difficult to determine if the level of economic activity has risen or declined. However, because the effect of students finishing school in previous years is known, the statistics for the current year can be adjusted to allow for a comparable change. Insofar as the seasonal adjustment is made correctly, the adjusted figure provides a more useful tool with which to analyze changes in economic activity.

Measures of labor force, employment, and unemployment contain components such as age and sex. Statistics for all employees, production workers, average weekly hours, and average hourly earnings include components based on the employer's industry. All these statistics can be seasonally adjusted either by adjusting the total or by adjusting each of the components and combining them. The second procedure usually yields more accurate information and is therefore followed by BLS. For example, the seasonally adjusted figure for the labor force is the sum of eight seasonally adjusted civilian employment components, plus the resident Armed Forces total (not adjusted for seasonality), and four seasonally adjusted unemployment components; the total for unemployment is the sum of the four unemployment components; and the overall unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force.

The numerical factors used to make the seasonal adjustments are recalculated regularly. For the household survey, the factors are calculated for the January-June period and again for the July-December period. For the establishment survey, updated factors for seasonal adjustment are calculated for 6 months, along with the introduction of new benchmarks, which are discussed at the end of the next section, and again with the release of data for October. In both surveys, revisions to data published over the previous 5 years 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 overall unemployment rate, it is 0.19 percentage point. These figures do not mean that the sample results are off by these magnitudes but, rather, that the chances are approximately 90 out of 100 that the “true” level or rate would not be expected to differ from the estimates by more than these amounts.

Sampling errors for monthly surveys are reduced when the data are cumulated for several months, such as quarterly or annually. Also, as a general rule, the smaller the estimate, the larger the sampling error. Therefore, relatively speaking, the estimate of the size of the labor force is subject to less error than is the estimate of the number unemployed. And, among the unemployed, the sampling error for the jobless rate of adult men, for example, is much smaller than is the error for the jobless rate of teenagers. Specifically, the error on monthly change in the jobless rate for men is .25 percentage point; for teenagers, it is 1.29 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 \$8.50 per issue or \$25.00 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.

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

(Numbers in thousands)

Employment status and sex	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
<b>TOTAL</b>									
Noninstitutional population <sup>2</sup> .....	187,708	189,198	189,326	187,708	188,865	188,990	189,090	189,198	189,326
Labor force <sup>2</sup> .....	124,260	125,458	125,473	125,299	126,246	126,094	126,308	126,498	126,543
Participation rate <sup>3</sup> .....	66.2	66.3	66.3	66.8	66.8	66.7	66.8	66.9	66.8
Total employed <sup>2</sup> .....	118,031	118,762	119,016	118,768	119,588	119,560	119,713	120,003	119,773
Employment-population ratio <sup>4</sup> .....	62.9	62.8	62.9	63.3	63.3	63.3	63.3	63.4	63.3
Resident Armed Forces .....	1,684	1,669	1,657	1,684	1,700	1,697	1,678	1,669	1,657
Civilian employed .....	116,347	117,093	117,359	117,084	117,888	117,863	118,035	118,334	118,116
Agriculture .....	3,116	2,938	3,102	3,144	3,197	3,134	3,079	3,200	3,133
Nonagricultural industries .....	113,231	114,155	114,257	113,940	114,691	114,728	114,957	115,133	114,983
Unemployed .....	6,229	6,697	6,457	6,531	6,658	6,535	6,594	6,495	6,770
Unemployment rate <sup>5</sup> .....	5.0	5.3	5.1	5.2	5.3	5.2	5.2	5.1	5.3
Not in labor force .....	63,448	63,740	63,853	62,409	62,619	62,896	62,782	62,700	62,783
<b>Men, 16 years and over</b>									
Noninstitutional population <sup>2</sup> .....	90,094	90,874	90,942	90,094	90,678	90,772	90,822	90,874	90,942
Labor force <sup>2</sup> .....	68,684	69,080	69,158	69,293	69,725	69,539	69,639	69,712	69,779
Participation rate <sup>3</sup> .....	76.2	76.0	76.0	76.9	76.9	76.6	76.7	76.7	76.7
Total employed <sup>2</sup> .....	65,185	65,232	65,492	65,727	66,143	65,943	66,108	66,208	66,043
Employment-population ratio <sup>4</sup> .....	72.4	71.8	72.0	73.0	72.9	72.6	72.8	72.9	72.6
Resident Armed Forces .....	1,521	1,497	1,499	1,521	1,525	1,523	1,506	1,497	1,499
Civilian employed .....	63,664	63,735	63,993	64,206	64,618	64,420	64,602	64,711	64,544
Unemployed .....	3,499	3,847	3,666	3,566	3,582	3,597	3,530	3,505	3,735
Unemployment rate <sup>5</sup> .....	5.1	5.6	5.3	5.1	5.1	5.2	5.1	5.0	5.4
<b>Women, 16 years and over</b>									
Noninstitutional population <sup>2</sup> .....	97,614	98,324	98,383	97,614	98,187	98,218	98,268	98,324	98,383
Labor force <sup>2</sup> .....	55,576	56,379	56,315	56,006	56,521	56,555	56,669	56,785	56,764
Participation rate <sup>3</sup> .....	56.9	57.3	57.2	57.4	57.6	57.6	57.7	57.8	57.7
Total employed <sup>2</sup> .....	52,846	53,529	53,524	53,041	53,445	53,617	53,605	53,795	53,729
Employment-population ratio <sup>4</sup> .....	54.1	54.4	54.4	54.3	54.4	54.6	54.5	54.7	54.6
Resident Armed Forces .....	163	172	158	163	175	174	172	172	158
Civilian employed .....	52,683	53,357	53,366	52,878	53,270	53,443	53,433	53,623	53,571
Unemployed .....	2,730	2,849	2,790	2,965	3,076	2,938	3,064	2,990	3,034
Unemployment rate <sup>5</sup> .....	4.9	5.1	5.0	5.3	5.4	5.2	5.4	5.3	5.3

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

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

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

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

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

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

(Numbers in thousands)

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
<b>TOTAL</b>									
Civilian noninstitutional population .....	186,024	187,529	187,669	186,024	187,165	187,293	187,412	187,529	187,669
Civilian labor force .....	122,576	123,789	123,816	123,615	124,546	124,397	124,630	124,829	124,886
Participation rate .....	65.9	66.0	66.0	66.5	66.5	66.4	66.5	66.6	66.5
Employed .....	116,347	117,093	117,359	117,084	117,888	117,863	118,035	118,334	118,116
Employment-population ratio <sup>2</sup> .....	62.5	62.4	62.5	62.9	63.0	62.9	63.0	63.1	62.9
Unemployed .....	6,229	6,697	6,457	6,531	6,658	6,535	6,594	6,495	6,770
Unemployment rate .....	5.1	5.4	5.2	5.3	5.3	5.3	5.3	5.2	5.4
<b>Men, 20 years and over</b>									
Civilian noninstitutional population .....	81,413	82,378	82,487	81,413	82,055	82,168	82,248	82,378	82,487
Civilian labor force .....	63,370	63,932	63,980	63,638	64,071	63,958	64,101	64,183	64,251
Participation rate .....	77.8	77.6	77.6	78.2	78.1	77.8	77.9	77.9	77.9
Employed .....	60,430	60,654	60,848	60,716	61,154	60,976	61,172	61,270	61,138
Employment-population ratio <sup>2</sup> .....	74.2	73.6	73.8	74.6	74.5	74.2	74.4	74.4	74.1
Agriculture .....	2,277	2,125	2,263	2,270	2,293	2,269	2,254	2,268	2,258
Nonagricultural industries .....	58,154	58,530	58,585	58,446	58,861	58,706	58,918	59,002	58,879
Unemployed .....	2,940	3,277	3,132	2,922	2,917	2,983	2,929	2,913	3,113
Unemployment rate .....	4.6	5.1	4.9	4.6	4.6	4.7	4.6	4.5	4.8
<b>Women, 20 years and over</b>									
Civilian noninstitutional population .....	90,318	91,237	91,330	90,318	91,042	91,091	91,157	91,237	91,330
Civilian labor force .....	51,855	52,723	52,786	52,009	52,586	52,686	52,814	52,800	52,954
Participation rate .....	57.4	57.8	57.8	57.6	57.8	57.8	57.9	57.9	58.0
Employed .....	49,578	50,343	50,439	49,560	50,048	50,255	50,287	50,344	50,427
Employment-population ratio <sup>2</sup> .....	54.9	55.2	55.2	54.9	55.0	55.2	55.2	55.2	55.2
Agriculture .....	600	598	631	638	618	594	582	648	669
Nonagricultural industries .....	48,978	49,746	49,808	48,922	49,430	49,661	49,704	49,696	49,758
Unemployed .....	2,277	2,380	2,347	2,449	2,538	2,431	2,527	2,456	2,526
Unemployment rate .....	4.4	4.5	4.4	4.7	4.8	4.6	4.8	4.7	4.8
<b>Both sexes, 16 to 19 years</b>									
Civilian noninstitutional population .....	14,293	13,914	13,852	14,293	14,067	14,034	14,008	13,914	13,852
Civilian labor force .....	7,350	7,135	7,051	7,968	7,889	7,752	7,715	7,846	7,681
Participation rate .....	51.4	51.3	50.9	55.7	55.1	55.2	55.1	56.4	55.4
Employed .....	6,338	6,095	6,072	6,808	6,686	6,631	6,577	6,720	6,551
Employment-population ratio <sup>2</sup> .....	44.3	43.8	43.8	47.6	47.5	47.3	47.0	48.3	47.3
Agriculture .....	240	216	208	236	286	270	243	285	206
Nonagricultural industries .....	6,098	5,879	5,865	6,572	6,400	6,361	6,334	6,435	6,345
Unemployed .....	1,012	1,040	978	1,160	1,203	1,121	1,138	1,126	1,130
Unemployment rate .....	13.8	14.6	13.9	14.6	15.2	14.5	14.8	14.4	14.7

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



Table A-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>					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
<b>WHITE</b>									
Civilian noninstitutional population .....	159,098	160,076	160,170	159,098	159,832	159,938	160,007	160,076	160,170
Civilian labor force .....	105,542	106,292	106,460	106,208	106,896	106,884	107,080	107,061	107,133
Participation rate .....	66.3	66.4	66.5	66.8	66.9	66.8	66.9	66.9	66.9
Employed .....	100,941	101,273	101,564	101,400	102,032	102,074	102,117	102,206	102,027
Employment-population ratio <sup>2</sup> .....	63.4	63.3	63.4	63.7	63.8	63.8	63.8	63.8	63.7
Unemployed .....	4,601	5,018	4,895	4,808	4,864	4,811	4,962	4,856	5,106
Unemployment rate .....	4.4	4.7	4.6	4.5	4.6	4.5	4.6	4.5	4.8
<b>Men, 20 years and over</b>									
Civilian labor force .....	55,207	55,633	55,663	55,374	55,747	55,771	55,815	55,828	55,826
Participation rate .....	78.3	78.1	78.0	78.5	78.5	78.4	78.4	78.4	78.3
Employed .....	53,033	53,111	53,265	53,189	53,580	53,560	53,547	53,593	53,425
Employment-population ratio <sup>2</sup> .....	75.2	74.6	74.7	75.5	75.5	75.3	75.2	75.2	74.9
Unemployed .....	2,173	2,521	2,398	2,175	2,167	2,211	2,268	2,235	2,400
Unemployment rate .....	3.9	4.5	4.3	3.9	3.9	4.0	4.1	4.0	4.3
<b>Women, 20 years and over</b>									
Civilian labor force .....	43,954	44,512	44,700	43,984	44,469	44,475	44,615	44,523	44,740
Participation rate .....	57.1	57.3	57.5	57.1	57.4	57.4	57.5	57.4	57.6
Employed .....	42,291	42,808	42,981	42,199	42,641	42,718	42,782	42,765	42,895
Employment-population ratio <sup>2</sup> .....	54.9	55.1	55.3	54.8	55.0	55.1	55.2	55.2	55.2
Unemployed .....	1,663	1,705	1,719	1,785	1,828	1,757	1,833	1,758	1,844
Unemployment rate .....	3.8	3.8	3.8	4.1	4.1	4.0	4.1	3.9	4.1
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force .....	6,382	6,146	6,097	6,850	6,680	6,639	6,650	6,710	6,568
Participation rate .....	55.0	54.8	54.6	59.1	58.9	58.7	59.0	59.8	58.8
Employed .....	5,617	5,354	5,318	6,002	5,811	5,796	5,788	5,847	5,707
Employment-population ratio <sup>2</sup> .....	48.4	47.7	47.6	51.7	51.2	51.3	51.4	52.1	51.1
Unemployed .....	765	792	779	848	869	843	862	863	861
Unemployment rate .....	12.0	12.9	12.8	12.4	13.0	12.7	13.0	12.9	13.1
Men .....	12.7	13.8	13.3	13.2	14.0	12.9	12.7	13.0	13.8
Women .....	11.2	12.0	12.2	11.5	11.9	12.4	13.2	12.7	12.4
<b>BLACK</b>									
Civilian noninstitutional population .....	20,956	21,211	21,228	20,956	21,164	21,163	21,188	21,211	21,228
Civilian labor force .....	13,121	13,393	13,335	13,336	13,522	13,510	13,437	13,581	13,570
Participation rate .....	62.6	63.1	62.8	63.6	63.9	63.8	63.4	64.0	63.9
Employed .....	11,699	11,954	11,973	11,872	11,920	11,978	12,030	12,148	12,161
Employment-population ratio <sup>2</sup> .....	55.8	56.4	56.4	56.7	56.3	56.6	56.8	57.3	57.3
Unemployed .....	1,422	1,440	1,362	1,464	1,602	1,532	1,407	1,433	1,409
Unemployment rate .....	10.8	10.7	10.2	11.0	11.8	11.3	10.5	10.6	10.4
<b>Men, 20 years and over</b>									
Civilian labor force .....	6,165	6,193	6,216	6,188	6,244	6,189	6,172	6,227	6,240
Participation rate .....	73.9	73.1	73.4	74.2	74.0	73.5	73.3	73.6	73.7
Employed .....	5,515	5,558	5,589	5,576	5,569	5,496	5,603	5,631	5,651
Employment-population ratio <sup>2</sup> .....	66.1	65.7	66.0	66.9	66.0	65.2	66.6	66.5	66.8
Unemployed .....	650	635	627	612	675	693	569	596	589
Unemployment rate .....	10.5	10.3	10.1	9.9	10.8	11.2	9.2	9.6	9.4
<b>Women, 20 years and over</b>									
Civilian labor force .....	6,174	6,413	6,358	6,254	6,311	6,393	6,423	6,456	6,451
Participation rate .....	59.1	60.5	59.9	59.9	59.7	60.5	60.7	60.9	60.8
Employed .....	5,637	5,837	5,799	5,685	5,681	5,802	5,821	5,872	5,858
Employment-population ratio <sup>2</sup> .....	54.0	55.1	54.7	54.4	53.8	54.9	55.0	55.4	55.2
Unemployed .....	536	576	558	569	630	591	602	584	594
Unemployment rate .....	8.7	9.0	8.8	9.1	10.0	9.2	9.4	9.0	9.2
<b>Both sexes, 16 to 19 years</b>									
Civilian labor force .....	783	787	762	894	967	928	842	898	879
Participation rate .....	36.0	36.6	35.4	41.1	44.6	42.8	38.5	41.7	40.8
Employed .....	546	559	585	611	670	680	606	645	652
Employment-population ratio <sup>2</sup> .....	25.1	26.0	27.1	28.1	30.9	31.3	27.7	30.0	30.3
Unemployed .....	236	228	177	283	297	248	236	253	227
Unemployment rate .....	30.2	29.0	23.3	31.7	30.7	26.7	28.0	28.2	25.8
Men .....	33.6	30.5	24.7	34.8	30.1	29.2	28.5	30.0	27.2
Women .....	26.8	27.5	21.7	28.5	31.4	24.0	27.5	26.2	24.3

See footnotes at end of table.

Table A-3. 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>					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
<b>HISPANIC ORIGIN</b>									
Civilian noninstitutional population .....	13,690	14,159	14,198	13,690	14,019	14,080	14,119	14,159	14,198
Civilian labor force .....	9,210	9,466	9,535	9,288	9,495	9,440	9,400	9,565	9,618
Participation rate .....	67.3	66.9	67.2	67.8	67.7	67.0	66.6	67.6	67.7
Employed .....	8,461	8,752	8,770	8,531	8,691	8,769	8,666	8,831	8,850
Employment-population ratio <sup>2</sup> .....	61.8	61.8	61.8	62.3	62.0	62.3	61.4	62.4	62.3
Unemployed .....	749	713	765	757	804	671	734	734	768
Unemployment rate .....	8.1	7.5	8.0	8.2	8.5	7.1	7.8	7.7	8.0

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

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

population.

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

Table A-4. Selected employment indicators

(In thousands)

Category	Not seasonally adjusted			Seasonally adjusted					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
<b>CHARACTERISTIC</b>									
Civilian employed, 16 years and over .....	116,347	117,093	117,359	117,084	117,888	117,863	118,035	118,334	118,116
Married men, spouse present .....	40,726	40,784	40,808	40,857	41,041	40,982	41,347	40,989	40,730
Married women, spouse present .....	29,804	29,796	30,010	29,563	29,695	29,897	29,704	29,618	29,742
Women who maintain families .....	6,255	6,297	6,306	6,263	6,349	6,215	6,378	6,291	6,325
<b>MAJOR INDUSTRY AND CLASS OF WORKER</b>									
Agriculture:									
Wage and salary workers .....	1,608	1,489	1,593	1,630	1,677	1,634	1,578	1,620	1,621
Self-employed workers .....	1,385	1,349	1,400	1,414	1,369	1,354	1,375	1,457	1,429
Unpaid family workers .....	123	100	109	126	125	107	118	115	112
Nonagricultural industries:									
Wage and salary workers .....	104,301	105,230	105,258	104,981	105,643	105,747	106,117	106,029	105,938
Government .....	17,403	17,972	17,941	17,266	17,728	17,626	17,607	17,724	17,816
Private industries .....	86,898	87,258	87,317	87,715	87,915	88,121	88,510	88,306	88,122
Private households .....	1,091	950	930	1,118	1,077	1,035	1,021	1,003	957
Other industries .....	85,807	86,308	86,387	86,597	86,838	87,086	87,489	87,302	87,165
Self-employed workers .....	8,636	8,640	8,725	8,643	8,653	8,733	8,628	8,852	8,716
Unpaid family workers .....	293	284	274	277	251	256	313	261	258
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>									
All industries:									
Part time for economic reasons .....	4,783	4,814	4,574	5,086	4,802	4,983	4,887	5,004	4,871
Slack work .....	2,266	2,503	2,318	2,346	2,277	2,402	2,307	2,476	2,407
Could only find part-time work .....	2,204	1,980	1,986	2,375	2,106	2,255	2,211	2,127	2,138
Voluntary part time .....	16,676	16,469	15,907	15,405	15,388	14,931	15,381	15,464	15,193
Nonagricultural industries:									
Part time for economic reasons .....	4,600	4,605	4,385	4,855	4,554	4,729	4,703	4,747	4,630
Slack work .....	2,158	2,355	2,176	2,198	2,111	2,240	2,183	2,293	2,218
Could only find part-time work .....	2,146	1,931	1,949	2,310	2,051	2,172	2,173	2,050	2,096
Voluntary part time .....	16,205	15,993	15,441	14,975	14,983	14,515	14,924	14,975	14,804

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

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

(Percent)

Measure	Quarterly averages					Monthly data		
	1989				1990	1990		
	I	II	III	IV	I	Feb.	Mar.	Apr.
U-1 Persons unemployed 15 weeks or longer as a percent of the civilian labor force .....	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
U-2 Job losers as a percent of the civilian labor force .....	2.4	2.3	2.4	2.5	2.5	2.5	2.4	2.5
U-3 Unemployed persons 25 years and over as a percent of the civilian labor force for persons 25 years and over .....	4.0	4.0	4.0	4.1	4.2	4.2	4.1	4.2
U-4 Unemployed full-time jobseekers as a percent of the full-time civilian labor force .....	4.9	4.9	5.0	5.0	4.9	4.9	4.9	5.1
U-5a Total unemployed as a percent of the labor force, including the resident Armed Forces .....	5.1	5.2	5.2	5.3	5.2	5.2	5.1	5.3
U-5b Total unemployed as a percent of the civilian labor force .....	5.2	5.3	5.3	5.3	5.2	5.3	5.2	5.4
U-6 Total full-time jobseekers plus 1/2 part-time jobseekers plus 1/2 total on part time for economic reasons as a percent of the civilian labor force less 1/2 of the part-time labor force .....	7.2	7.3	7.2	7.2	7.2	7.2	7.2	7.4
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 .....	7.9	8.0	7.9	7.9	7.8	N.A.	N.A.	N.A.

N.A. = not available.

Table A-6. Selected unemployment indicators, seasonally adjusted

Category	Number of unemployed persons (in thousands)			Unemployment rates <sup>1</sup>					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
<b>CHARACTERISTIC</b>									
Total, 16 years and over .....	6,531	6,495	6,770	5.3	5.3	5.3	5.3	5.2	5.4
Men, 16 years and over .....	3,566	3,505	3,735	5.3	5.3	5.3	5.2	5.1	5.5
Men, 20 years and over .....	2,922	2,913	3,113	4.6	4.6	4.7	4.6	4.5	4.8
Women, 16 years and over .....	2,965	2,990	3,034	5.3	5.5	5.2	5.4	5.3	5.4
Women, 20 years and over .....	2,449	2,456	2,526	4.7	4.8	4.6	4.8	4.7	4.8
Both sexes, 16 to 19 years .....	1,160	1,126	1,130	14.6	15.2	14.5	14.8	14.4	14.7
Married men, spouse present .....	1,331	1,334	1,390	3.2	3.0	3.4	3.0	3.2	3.3
Married women, spouse present .....	1,230	1,114	1,075	4.0	3.9	3.7	3.8	3.6	3.5
Women who maintain families .....	528	574	517	7.8	8.1	7.5	7.5	8.4	7.5
Full-time workers .....	5,228	5,185	5,509	5.0	5.0	5.0	4.9	4.9	5.1
Part-time workers .....	1,306	1,307	1,266	7.2	7.5	7.0	7.4	7.2	7.1
Labor force time lost <sup>2</sup> .....	--	--	--	6.0	6.0	6.0	5.9	5.9	6.2
<b>INDUSTRY</b>									
Nonagricultural private wage and salary workers .....	4,947	5,130	5,300	5.3	5.4	5.5	5.5	5.5	5.7
Goods-producing industries .....	1,767	1,922	2,006	6.0	6.5	6.7	6.6	6.6	6.9
Mining .....	43	45	35	5.8	4.4	6.8	4.8	5.9	4.6
Construction .....	623	667	691	9.8	9.8	9.3	8.9	10.0	10.6
Manufacturing .....	1,101	1,211	1,281	5.0	5.6	5.9	5.9	5.5	5.9
Durable goods .....	614	694	729	4.7	5.4	5.8	5.5	5.3	5.7
Non-durable goods .....	487	517	552	5.3	5.9	5.9	6.4	5.9	6.3
Service-producing industries .....	3,180	3,208	3,293	5.0	4.9	5.0	5.0	5.0	5.1
Transportation and public utilities .....	260	217	282	3.9	3.4	4.3	4.0	3.4	4.3
Wholesale and retail trade .....	1,378	1,462	1,484	5.9	6.3	6.2	6.0	6.2	6.2
Finance and service industries .....	1,542	1,528	1,527	4.6	4.2	4.3	4.4	4.5	4.5
Government workers .....	485	412	380	2.7	2.6	2.4	2.5	2.3	2.1
Agricultural wage and salary workers .....	177	183	200	9.8	9.7	9.2	9.3	10.1	11.0

<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.

## HOUSEHOLD DATA

## HOUSEHOLD DATA

Table A-7. Duration of unemployment

(Numbers in thousands)

Weeks of unemployment	Not seasonally adjusted			Seasonally adjusted					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
<b>DURATION</b>									
Less than 5 weeks .....	2,778	2,859	2,858	3,113	3,302	3,119	3,159	3,194	3,204
5 to 14 weeks .....	1,804	2,289	1,953	2,006	2,013	2,012	2,079	2,044	2,175
15 weeks and over .....	1,647	1,549	1,646	1,391	1,362	1,430	1,369	1,333	1,386
15 to 26 weeks .....	878	885	915	667	730	777	731	702	697
27 weeks and over .....	769	664	731	724	632	653	638	631	688
Average (mean) duration, in weeks .....	13.5	12.5	13.0	12.6	11.5	12.1	11.7	12.0	12.1
Median duration, in weeks .....	6.3	6.3	5.8	5.4	4.8	5.1	5.4	5.1	5.0
<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 .....	44.6	42.7	44.3	47.8	49.5	47.5	47.8	48.6	47.4
5 to 14 weeks .....	29.0	34.2	30.2	30.8	30.1	30.7	31.5	31.1	32.2
15 weeks and over .....	26.4	23.1	25.5	21.4	20.4	21.8	20.7	20.3	20.5
15 to 26 weeks .....	14.1	13.2	14.2	10.2	10.9	11.8	11.1	10.7	10.3
27 weeks and over .....	12.3	9.9	11.3	11.1	9.5	9.9	9.7	9.6	10.2

Table A-8. Reason for unemployment

(Numbers in thousands)

Reasons	Not seasonally adjusted			Seasonally adjusted					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
<b>NUMBER OF UNEMPLOYED</b>									
Job losers .....	2,990	3,378	3,213	2,932	3,097	3,183	3,103	3,038	3,147
On layoff .....	787	1,165	944	833	957	1,033	964	941	999
Other job losers .....	2,203	2,212	2,269	2,099	2,140	2,150	2,139	2,097	2,148
Job leavers .....	889	955	1,065	985	1,055	1,016	1,006	1,014	1,179
Reentrants .....	1,720	1,798	1,625	1,882	1,853	1,730	1,805	1,859	1,780
New entrants .....	630	565	554	692	686	640	680	644	617
<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 .....	48.0	50.4	49.8	45.2	46.3	48.5	47.1	46.3	46.8
On layoff .....	12.6	17.4	14.6	12.8	14.3	15.7	14.6	14.4	14.9
Other job losers .....	35.4	33.0	35.1	32.3	32.0	32.7	32.4	32.0	31.9
Job leavers .....	14.3	14.3	16.5	15.2	15.8	15.5	15.3	15.5	17.5
Reentrants .....	27.6	26.9	25.2	29.0	27.7	26.3	27.4	28.4	26.5
New entrants .....	10.1	8.4	8.6	10.7	10.3	9.7	10.3	9.8	9.2
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>									
Job losers .....	2.4	2.7	2.6	2.4	2.5	2.6	2.5	2.4	2.5
Job leavers .....	.7	.8	.9	.8	.8	.8	.8	.8	.9
Reentrants .....	1.4	1.5	1.3	1.5	1.5	1.4	1.4	1.5	1.4
New entrants .....	.5	.5	.4	.6	.6	.5	.5	.5	.5

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>					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
Total, 16 years and over .....	6,531	6,495	6,770	5.3	5.3	5.3	5.3	5.2	5.4
16 to 24 years .....	2,367	2,274	2,425	10.6	11.2	10.6	10.7	10.5	11.2
16 to 19 years .....	1,160	1,126	1,130	14.6	15.2	14.5	14.8	14.4	14.7
16 to 17 years .....	496	520	519	15.9	18.1	14.8	16.8	16.9	17.4
18 to 19 years .....	661	615	609	13.7	13.4	14.2	13.0	12.9	13.0
20 to 24 years .....	1,207	1,148	1,295	8.4	8.9	8.5	8.4	8.3	9.3
25 years and over .....	4,159	4,237	4,347	4.1	4.1	4.2	4.2	4.1	4.2
25 to 54 years .....	3,731	3,727	3,864	4.3	4.3	4.3	4.3	4.3	4.4
55 years and over .....	454	515	505	3.0	3.2	3.4	3.4	3.3	3.3
Men, 16 years and over .....	3,566	3,505	3,735	5.3	5.3	5.3	5.2	5.1	5.5
16 to 24 years .....	1,260	1,236	1,343	10.8	11.8	11.2	10.9	10.9	11.8
16 to 19 years .....	644	592	622	15.6	16.1	15.1	14.9	14.7	15.4
16 to 17 years .....	284	267	281	17.5	19.6	14.2	16.5	16.9	18.1
18 to 19 years .....	360	336	341	14.3	13.8	15.6	13.7	13.6	13.8
20 to 24 years .....	616	644	721	8.2	9.5	8.9	8.6	8.8	9.8
25 years and over .....	2,298	2,291	2,387	4.1	3.9	4.2	4.1	4.0	4.2
25 to 54 years .....	2,038	1,997	2,099	4.3	4.0	4.3	4.2	4.2	4.4
55 years and over .....	282	300	310	3.2	3.6	3.6	3.5	3.4	3.5
Women, 16 years and over .....	2,965	2,990	3,034	5.3	5.5	5.2	5.4	5.3	5.4
16 to 24 years .....	1,107	1,038	1,082	10.4	10.4	10.1	10.4	10.0	10.5
16 to 19 years .....	516	534	508	13.5	14.3	13.7	14.6	14.0	13.9
16 to 17 years .....	212	253	238	14.1	16.5	15.5	17.3	16.9	16.7
18 to 19 years .....	301	279	268	12.9	13.0	12.6	12.3	12.0	12.1
20 to 24 years .....	591	504	574	8.7	8.2	8.0	8.1	7.7	8.7
25 years and over .....	1,861	1,945	1,961	4.1	4.3	4.1	4.3	4.2	4.2
25 to 54 years .....	1,693	1,730	1,765	4.4	4.6	4.3	4.5	4.4	4.4
55 years and over .....	172	216	195	2.7	2.7	3.3	3.3	3.3	2.9

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

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

(Numbers in thousands)

Employment status	Not seasonally adjusted			Seasonally adjusted <sup>1</sup>					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
Civilian noninstitutional population .....	26,926	27,453	27,499	26,926	27,332	27,355	27,405	27,453	27,499
Civilian labor force .....	17,034	17,498	17,356	17,352	17,648	17,602	17,545	17,727	17,687
Participation rate .....	63.3	63.7	63.1	64.4	64.6	64.3	64.0	64.6	64.3
Employed .....	15,406	15,820	15,795	15,676	15,841	15,827	15,927	16,061	16,075
Employment-population ratio <sup>2</sup> .....	57.2	57.6	57.4	58.2	58.0	57.9	58.1	58.5	58.5
Unemployed .....	1,628	1,678	1,562	1,676	1,807	1,775	1,618	1,667	1,613
Unemployment rate .....	9.6	9.6	9.0	9.7	10.2	10.1	9.2	9.4	9.1
Not in labor force .....	9,892	9,955	10,142	9,574	9,684	9,753	9,860	9,726	9,812

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

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

(Numbers in thousands)

Occupation	Civilian employed		Unemployed		Unemployment rate	
	Apr. 1989	Apr. 1990	Apr. 1989	Apr. 1990	Apr. 1989	Apr. 1990
Total, 16 years and over <sup>1</sup> .....	116,347	117,359	6,229	6,457	5.1	5.2
Managerial and professional specialty .....	30,568	30,529	556	563	1.8	1.8
Executive, administrative, and managerial .....	14,777	14,716	296	326	2.0	2.2
Professional specialty .....	15,791	15,813	259	237	1.6	1.5
Technical, sales, and administrative support .....	35,837	36,904	1,347	1,443	3.6	3.8
Technicians and related support .....	3,575	3,920	86	94	2.3	2.3
Sales occupations .....	13,820	14,092	600	628	4.2	4.3
Administrative support, including clerical .....	18,441	18,893	661	721	3.5	3.7
Service occupations .....	15,204	15,651	1,149	1,054	7.0	6.3
Private household .....	840	716	66	42	7.3	5.5
Protective service .....	1,918	1,930	80	55	4.0	2.8
Service, except private household and protective .....	12,446	13,005	1,003	958	7.5	6.9
Precision production, craft, and repair .....	13,560	13,646	797	827	5.6	5.7
Mechanics and repairers .....	4,555	4,388	205	175	4.3	3.8
Construction trades .....	4,905	5,173	439	449	8.2	8.0
Other precision production, craft, and repair .....	4,099	4,086	153	203	3.6	4.7
Operators, fabricators, and laborers .....	17,886	17,411	1,503	1,694	7.8	8.9
Machine operators, assemblers, and inspectors .....	8,257	7,795	650	675	7.3	8.0
Transportation and material moving occupations .....	4,770	4,772	302	317	5.9	6.2
Handlers, equipment cleaners, helpers, and laborers .....	4,859	4,845	552	702	10.2	12.7
Construction laborers .....	755	740	157	181	17.2	19.7
Other handlers, equipment cleaners, helpers, and laborers .....	4,104	4,104	394	522	8.8	11.3
Farming, forestry, and fishing .....	3,292	3,217	221	231	6.3	6.7

<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			
							Number		Percent of labor force	
	Apr. 1989	Apr. 1990	Apr. 1989	Apr. 1990	Apr. 1989	Apr. 1990	Apr. 1989	Apr. 1990	Apr. 1989	Apr. 1990
<b>VIETNAM-ERA VETERANS</b>										
Total, 35 years and over .....	7,389	7,607	6,730	6,916	6,491	6,659	239	257	3.6	3.7
35 to 49 years .....	6,435	6,525	6,099	6,151	5,873	5,908	226	242	3.7	3.9
35 to 39 years .....	1,840	1,470	1,731	1,378	1,639	1,302	92	76	5.3	5.5
40 to 44 years .....	3,221	3,335	3,057	3,182	2,961	3,067	96	116	3.1	3.6
45 to 49 years .....	1,374	1,720	1,311	1,591	1,273	1,540	38	51	2.9	3.2
50 years and over .....	954	1,082	631	766	618	751	14	15	2.2	1.9
<b>NONVETERANS</b>										
Total, 35 to 49 years .....	16,022	17,045	14,965	15,936	14,355	15,321	610	615	4.1	3.9
35 to 39 years .....	7,302	7,818	6,924	7,440	6,624	7,173	300	267	4.3	3.6
40 to 44 years .....	4,654	5,020	4,336	4,670	4,177	4,490	159	180	3.7	3.8
45 to 49 years .....	4,066	4,207	3,705	3,825	3,554	3,657	150	168	4.0	4.4

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. Data for 30-to-34-year-old

veterans are no longer shown in this table because the group is rapidly disappearing (into the 35-39 age category) and the numbers remaining for some labor force categories are not large enough to warrant their continued publication.

## HOUSEHOLD DATA

## HOUSEHOLD DATA

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

(Numbers in thousands)

State and employment status	Not seasonally adjusted <sup>1</sup>			Seasonally adjusted <sup>2</sup>					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
<b>California</b>									
Civilian noninstitutional population .....	21,358	21,794	21,834	21,358	21,680	21,718	21,756	21,794	21,834
Civilian labor force .....	14,238	14,545	14,600	14,312	14,627	14,491	14,496	14,613	14,677
Employed .....	13,509	13,779	13,831	13,556	13,854	13,734	13,784	13,847	13,881
Unemployed .....	730	766	769	756	773	757	712	766	796
Unemployment rate .....	5.1	5.3	5.3	5.3	5.3	5.2	4.9	5.2	5.4
<b>Florida</b>									
Civilian noninstitutional population .....	9,842	10,052	10,071	9,842	9,997	10,015	10,034	10,052	10,071
Civilian labor force .....	6,153	6,345	6,297	6,196	6,245	6,289	6,369	6,351	6,336
Employed .....	5,837	6,029	5,950	5,861	5,883	5,940	5,989	6,021	5,972
Unemployed .....	317	316	347	335	362	349	380	330	364
Unemployment rate .....	5.1	5.0	5.5	5.4	5.8	5.5	6.0	5.2	5.7
<b>Illinois</b>									
Civilian noninstitutional population .....	8,824	8,859	8,863	8,824	8,851	8,854	8,857	8,859	8,863
Civilian labor force .....	5,970	5,948	6,039	6,024	6,039	6,064	6,029	6,001	6,091
Employed .....	5,632	5,595	5,662	5,693	5,661	5,673	5,674	5,671	5,722
Unemployed .....	338	354	376	331	378	391	355	330	369
Unemployment rate .....	5.7	5.9	6.2	5.5	6.3	6.4	5.9	5.5	6.1
<b>Massachusetts</b>									
Civilian noninstitutional population .....	4,617	4,618	4,619	4,617	4,619	4,619	4,619	4,618	4,619
Civilian labor force .....	3,196	3,166	3,160	3,202	3,172	3,152	3,203	3,178	3,161
Employed .....	3,078	2,978	2,987	3,083	3,027	3,011	3,034	3,006	2,988
Unemployed .....	119	188	173	119	145	141	169	172	173
Unemployment rate .....	3.7	5.9	5.5	3.7	4.6	4.5	5.3	5.4	5.5
<b>Michigan</b>									
Civilian noninstitutional population .....	6,981	6,994	6,995	6,981	6,992	6,993	6,993	6,994	6,995
Civilian labor force .....	4,473	4,489	4,447	4,534	4,645	4,645	4,605	4,553	4,511
Employed .....	4,197	4,148	4,136	4,241	4,310	4,254	4,250	4,226	4,180
Unemployed .....	276	340	311	293	335	391	355	327	331
Unemployment rate .....	6.2	7.6	7.0	6.5	7.2	8.4	7.7	7.2	7.3
<b>New Jersey</b>									
Civilian noninstitutional population .....	6,033	6,028	6,028	6,033	6,031	6,030	6,029	6,028	6,028
Civilian labor force .....	3,942	4,048	3,976	3,967	4,006	3,994	4,029	4,034	4,002
Employed .....	3,803	3,849	3,800	3,807	3,857	3,810	3,848	3,844	3,805
Unemployed .....	139	199	177	160	149	184	181	190	197
Unemployment rate .....	3.5	4.9	4.4	4.0	3.7	4.6	4.5	4.7	4.9
<b>New York</b>									
Civilian noninstitutional population .....	13,805	13,799	13,799	13,805	13,804	13,803	13,801	13,799	13,799
Civilian labor force .....	8,653	8,599	8,581	8,783	8,782	8,709	8,730	8,660	8,709
Employed .....	8,169	8,141	8,170	8,289	8,278	8,300	8,294	8,223	8,286
Unemployed .....	483	458	411	494	484	409	436	437	423
Unemployment rate .....	5.6	5.3	4.8	5.6	5.5	4.7	5.0	5.0	4.9
<b>North Carolina</b>									
Civilian noninstitutional population .....	4,925	4,980	4,985	4,925	4,966	4,971	4,975	4,980	4,985
Civilian labor force .....	3,383	3,365	3,367	3,428	3,396	3,361	3,395	3,399	3,410
Employed .....	3,245	3,245	3,247	3,280	3,289	3,237	3,274	3,283	3,281
Unemployed .....	138	121	120	148	107	124	121	116	129
Unemployment rate .....	4.1	3.6	3.6	4.3	3.2	3.7	3.6	3.4	3.8
<b>Ohio</b>									
Civilian noninstitutional population .....	8,256	8,276	8,278	8,256	8,272	8,274	8,275	8,276	8,278
Civilian labor force .....	5,333	5,353	5,373	5,374	5,442	5,426	5,372	5,402	5,417
Employed .....	5,066	5,035	5,071	5,090	5,110	5,060	5,061	5,107	5,098
Unemployed .....	267	318	302	284	332	366	311	295	319
Unemployment rate .....	5.0	5.9	5.6	5.3	6.1	6.7	5.8	5.5	5.9

See footnotes at end of table.

Table A-13. Employment status of the civilian population for eleven large States—Continued

(Numbers in thousands)

State and employment status	Not seasonally adjusted <sup>1</sup>			Seasonally adjusted <sup>2</sup>					
	Apr. 1989	Mar. 1990	Apr. 1990	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990	Apr. 1990
<b>Pennsylvania</b>									
Civilian noninstitutional population .....	9,362	9,380	9,382	9,362	9,377	9,378	9,379	9,380	9,382
Civilian labor force .....	5,813	5,915	5,878	5,883	5,880	5,875	5,966	6,004	5,945
Employed .....	5,578	5,599	5,562	5,623	5,575	5,568	5,623	5,694	5,604
Unemployed .....	235	316	315	260	305	307	343	310	341
Unemployment rate .....	4.0	5.3	5.4	4.4	5.2	5.2	5.7	5.2	5.7
<b>Texas</b>									
Civilian noninstitutional population .....	12,183	12,323	12,337	12,183	12,288	12,300	12,312	12,323	12,337
Civilian labor force .....	8,360	8,346	8,386	8,467	8,423	8,440	8,494	8,447	8,495
Employed .....	7,779	7,874	7,887	7,845	7,866	7,999	7,949	7,977	7,955
Unemployed .....	581	473	499	622	557	441	545	470	540
Unemployment rate .....	7.0	5.7	6.0	7.3	6.6	5.2	6.4	5.6	6.4

<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.



Table B-1. Employees on nonagricultural payrolls by industry  
(In thousands)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Apr. 1989	Feb. 1990	Mar. 1990p/	Apr. 1990p/	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990p/	Apr. 1990p/
Total.....	107,944	108,895	109,559	110,332	108,101	109,570	109,931	110,304	110,407	110,471
Total private.....	89,975	90,600	91,072	91,747	90,475	91,699	91,975	92,302	92,297	92,233
Goods-producing industries.....	25,412	25,000	25,054	25,244	25,671	25,532	25,518	25,686	25,604	25,489
Mining.....	711	733	736	747	720	739	745	749	749	755
Oil and gas extraction.....	394.0	416.6	415.0	418.8	400	416	417	422	421	425
Construction.....	5,121	4,942	5,004	5,179	5,279	5,304	5,418	5,485	5,433	5,334
General building contractors.....	1,331.7	1,319.4	1,320.5	1,340.7	1,377	1,388	1,425	1,436	1,415	1,389
Manufacturing.....	19,580	19,325	19,314	19,318	19,672	19,489	19,355	19,452	19,422	19,400
Production workers.....	13,362	13,113	13,106	13,133	13,430	13,262	13,123	13,217	13,192	13,198
Durable goods.....	11,573	11,343	11,340	11,337	11,600	11,409	11,287	11,398	11,383	11,353
Production workers.....	7,727	7,521	7,527	7,542	7,744	7,579	7,456	7,564	7,559	7,551
Lumber and wood products.....	757.8	741.9	745.1	746.8	772	765	770	765	765	760
Furniture and fixtures.....	536.0	522.9	522.8	522.7	537	523	522	522	523	522
Stone, clay, and glass products.....	603.3	578.9	584.5	592.2	606	600	601	602	598	594
Primary metal industries.....	788.7	767.4	766.8	765.4	788	771	764	767	765	765
Blast furnaces and basic steel products.....	275.2	268.2	267.4	266.7	275	270	270	269	267	268
Fabricated metal products.....	1,449.5	1,414.6	1,416.0	1,420.1	1,454	1,426	1,407	1,419	1,420	1,424
Machinery, except electrical.....	2,148.4	2,144.3	2,137.4	2,124.9	2,144	2,145	2,143	2,140	2,133	2,121
Electrical and electronic equipment.....	2,047.8	1,987.0	1,981.9	1,975.6	2,058	1,992	1,989	1,991	1,990	1,984
Transportation equipment.....	2,075.1	2,023.0	2,021.7	2,024.7	2,073	2,022	1,920	2,021	2,022	2,017
Motor vehicles and equipment.....	876.7	824.5	824.2	828.2	875	825	726	825	824	821
Instruments and related products.....	775.7	774.1	773.8	774.4	777	776	776	776	775	776
Miscellaneous manufacturing.....	390.2	389.2	389.6	389.8	391	391	395	395	392	390
Nondurable goods.....	8,007	7,982	7,974	7,981	8,072	8,080	8,068	8,054	8,039	8,047
Production workers.....	5,635	5,592	5,579	5,591	5,686	5,683	5,672	5,653	5,633	5,647
Food and kindred products.....	1,600.4	1,618.3	1,612.4	1,612.2	1,657	1,676	1,676	1,674	1,669	1,669
Tobacco manufactures.....	51.4	51.5	49.1	45.8	54	51	51	51	50	48
Textile mill products.....	727.7	712.5	709.4	708.7	728	719	713	714	711	710
Apparel and other textile products.....	1,100.3	1,063.9	1,055.7	1,062.8	1,098	1,081	1,073	1,063	1,053	1,061
Paper and allied products.....	692.1	694.4	693.8	693.9	696	697	697	699	697	698
Printing and publishing.....	1,602.2	1,624.9	1,627.2	1,627.3	1,601	1,621	1,624	1,625	1,626	1,626
Chemicals and allied products.....	1,086.4	1,100.4	1,102.7	1,102.2	1,090	1,103	1,104	1,106	1,106	1,106
Petroleum and coal products.....	160.6	160.4	162.2	164.9	162	163	163	165	166	166
Rubber and misc. plastics products.....	844.5	820.9	826.5	828.9	843	832	826	821	825	828
Leather and leather products.....	141.8	135.2	134.7	134.6	143	137	135	136	136	135
Service-producing industries.....	82,532	83,895	84,505	85,088	82,430	84,038	84,415	84,618	84,803	84,982
Transportation and public utilities.....	5,649	5,790	5,806	5,835	5,682	5,834	5,850	5,865	5,864	5,866
Transportation.....	3,443	3,587	3,605	3,627	3,467	3,613	3,635	3,649	3,652	3,649
Communication and public utilities.....	2,206	2,203	2,201	2,208	2,215	2,221	2,215	2,216	2,212	2,217
Wholesale trade.....	6,186	6,276	6,302	6,327	6,206	6,311	6,332	6,332	6,343	6,345
Durable goods.....	3,669	3,736	3,747	3,757	3,676	3,746	3,754	3,759	3,762	3,765
Nondurable goods.....	2,517	2,540	2,555	2,570	2,530	2,565	2,578	2,573	2,581	2,580
Retail trade.....	19,275	19,279	19,363	19,584	19,489	19,718	19,822	19,794	19,778	19,802
General merchandise stores.....	2,404.9	2,388.8	2,363.0	2,364.2	2,492	2,470	2,491	2,460	2,451	2,447
Food stores.....	3,197.0	3,327.5	3,321.9	3,335.5	3,233	3,341	3,361	3,361	3,362	3,376
Automotive dealers and service stations.....	2,148.4	2,141.3	2,149.3	2,159.3	2,159	2,163	2,170	2,172	2,171	2,168
Eating and drinking places.....	6,316.0	6,195.6	6,311.5	6,474.8	6,335	6,432	6,457	6,467	6,480	6,494
Finance, insurance, and real estate.....	6,749	6,851	6,876	6,896	6,776	6,885	6,896	6,916	6,926	6,926
Finance.....	3,302	3,356	3,358	3,354	3,312	3,360	3,353	3,366	3,365	3,367
Insurance.....	2,117	2,153	2,160	2,166	2,119	2,144	2,152	2,155	2,162	2,168
Real estate.....	1,330	1,342	1,358	1,376	1,345	1,381	1,391	1,395	1,399	1,391
Services.....	26,704	27,404	27,671	27,861	26,651	27,419	27,557	27,709	27,782	27,805
Business services.....	5,719.5	5,798.6	5,839.0	5,849.3	5,760	5,852	5,885	5,899	5,904	5,891
Health services.....	7,512.8	7,964.6	8,026.3	8,064.0	7,528	7,884	7,934	7,981	8,034	8,080
Government.....	17,969	18,295	18,487	18,585	17,626	17,871	17,956	18,002	18,110	18,238
Federal.....	2,982	2,991	3,082	3,161	2,982	2,974	2,998	3,006	3,088	3,167
State.....	4,222	4,289	4,316	4,324	4,111	4,156	4,178	4,197	4,203	4,210
Local.....	10,765	11,015	11,089	11,100	10,533	10,741	10,783	10,799	10,819	10,861

p = preliminary.

#### Note on temporary census workers

The hiring of temporary workers for the 1990 decennial census affects current levels of Federal government employment and higher aggregates. Estimates of these workers are 22,000, 27,000, 117,000, and 195,000 in January, February, March, and April 1990, respectively. Preliminary estimates in this table that include these workers may be subject to larger than normal revisions.

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					
	Apr. 1989	Feb. 1990	Mar. 1990p/	Apr. 1990p/	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990p/	Apr. 1990p/
Total private.....	34.8	34.3	34.4	34.5	34.9	34.5	34.5	34.6	34.6	34.6
Mining.....	42.8	43.2	42.9	43.2	(2)	(2)	(2)	(2)	(2)	(2)
Construction.....	37.9	37.2	37.9	37.4	(2)	(2)	(2)	(2)	(2)	(2)
Manufacturing.....	41.0	40.4	40.7	39.7	41.3	40.6	40.7	40.7	40.8	40.6
Overtime hours.....	3.8	3.4	3.6	2.9	3.9	3.6	3.7	3.6	3.7	3.5
Durable goods.....	41.7	41.0	41.4	40.3	41.9	41.2	41.3	41.3	41.4	41.2
Overtime hours.....	3.9	3.5	3.7	2.8	4.1	3.6	3.7	3.6	3.7	3.5
Lumber and wood products.....	40.5	39.3	40.1	40.2	40.5	40.1	40.5	39.8	40.3	40.3
Furniture and fixtures.....	39.3	38.9	39.0	38.3	39.9	39.2	39.8	39.5	39.2	39.2
Stone, clay, and glass products.....	42.6	41.0	41.6	42.1	42.5	41.5	42.2	42.1	41.9	42.1
Primary metal industries.....	43.2	42.3	42.6	41.6	43.3	42.5	42.5	42.3	42.5	41.7
Blast furnaces and basic steel products..	43.6	42.7	42.9	42.9	43.5	42.8	43.2	42.8	42.9	42.9
Fabricated metal products.....	41.7	41.1	41.6	39.9	41.9	41.2	41.1	41.3	41.7	41.1
Machinery, except electrical.....	42.5	42.1	42.1	40.6	42.7	42.0	42.1	42.2	42.0	41.7
Electrical and electronic equipment.....	40.7	40.8	40.9	39.7	41.0	40.5	40.8	41.1	41.1	40.9
Transportation equipment.....	43.0	41.5	42.4	40.6	42.8	41.9	41.4	41.5	42.1	42.0
Motor vehicles and equipment.....	43.7	41.2	42.7	40.8	43.3	42.2	40.8	41.2	42.2	41.4
Instruments and related products.....	41.3	41.0	41.2	40.5	41.5	40.9	41.0	41.0	41.1	41.4
Miscellaneous manufacturing.....	39.6	39.2	39.4	38.1	39.8	39.3	39.4	39.5	39.4	39.1
Nondurable goods.....	40.1	39.6	39.7	39.0	40.4	39.9	40.0	39.9	39.9	39.7
Overtime hours.....	3.5	3.3	3.4	2.9	3.8	3.6	3.6	3.5	3.5	3.4
Food and kindred products.....	40.0	39.8	40.0	39.6	40.7	40.6	40.5	40.5	40.6	40.4
Tobacco manufactures.....	38.1	37.7	38.8	37.9	(2)	(2)	(2)	(2)	(2)	(2)
Textile mill products.....	41.2	39.9	39.8	38.6	41.7	40.2	40.5	40.2	40.0	39.7
Apparel and other textile products.....	37.1	36.4	36.2	34.8	37.6	36.3	36.7	36.6	36.2	36.0
Paper and allied products.....	43.1	42.7	42.9	42.3	43.4	43.1	43.3	43.0	43.2	43.1
Printing and publishing.....	37.8	37.6	37.9	37.1	37.9	37.6	37.8	37.8	37.8	37.5
Chemicals and allied products.....	42.5	42.2	42.4	42.6	42.6	42.7	42.7	42.3	42.4	42.6
Petroleum and coal products.....	44.3	43.9	44.4	44.9	(2)	(2)	(2)	(2)	(2)	(2)
Rubber and misc. plastics products.....	41.5	41.0	41.2	40.0	41.6	40.8	40.9	41.1	41.2	40.9
Leather and leather products.....	37.8	37.3	37.3	36.1	38.3	37.2	37.4	38.0	37.8	37.1
Transportation and public utilities.....	39.8	39.0	39.2	39.5	40.1	39.3	39.1	39.3	39.4	39.7
Wholesale trade.....	38.2	37.8	37.9	38.1	38.3	38.0	38.0	38.1	38.1	38.2
Retail trade.....	28.9	28.3	28.5	29.0	29.1	28.7	28.8	28.9	28.9	29.0
Finance, insurance, and real estate.....	36.3	35.8	35.6	36.2	(2)	(2)	(2)	(2)	(2)	(2)
Services.....	32.8	32.5	32.5	32.7	32.8	32.6	32.5	32.6	32.7	32.7

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 nonagricultural 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.

Table B-3. Average hourly and weekly earnings of production or nonsupervisory workers<sup>1/</sup> on private nonagricultural payrolls by industry

Industry	Average hourly earnings				Average weekly earnings			
	Apr. 1989	Feb. 1990	Mar. 1990 <sup>p/</sup>	Apr. 1990 <sup>p/</sup>	Apr. 1989	Feb. 1990	Mar. 1990 <sup>p/</sup>	Apr. 1990 <sup>p/</sup>
Total private.....	\$9.62	\$9.91	\$9.93	\$9.97	\$334.78	\$339.91	\$341.59	\$343.97
Seasonally adjusted.....	9.61	9.88	9.92	9.95	335.39	341.85	343.23	344.27
Mining.....	13.19	13.30	13.39	13.48	564.53	574.56	574.43	582.34
Construction.....	13.30	13.42	13.47	13.38	504.07	499.22	510.51	500.41
Manufacturing.....	10.41	10.66	10.74	10.77	426.81	430.66	437.12	427.57
Durable goods.....	10.93	11.17	11.24	11.25	455.78	457.97	465.34	453.38
Lumber and wood products.....	8.76	8.96	9.05	9.08	354.78	352.13	362.91	365.02
Furniture and fixtures.....	8.12	8.39	8.41	8.42	319.12	326.37	327.99	322.49
Stone, clay, and glass products.....	10.71	10.85	10.94	11.16	456.25	444.85	455.10	469.84
Primary metal industries.....	12.26	12.60	12.66	13.03	529.63	532.98	539.32	542.05
Blast furnaces and basic steel products..	14.06	14.59	14.54	15.37	613.02	622.99	623.77	659.37
Fabricated metal products.....	10.48	10.66	10.74	10.69	437.02	438.13	446.78	426.53
Machinery, except electrical.....	11.26	11.53	11.57	11.53	478.55	485.41	487.10	468.12
Electrical and electronic equipment.....	10.31	10.54	10.58	10.58	419.62	430.03	432.72	420.03
Transportation equipment.....	13.60	13.90	14.04	13.94	584.80	576.85	595.30	565.96
Motor vehicles and equipment.....	14.20	14.33	14.61	14.45	620.54	590.49	623.85	589.56
Instruments and related products.....	10.17	10.55	10.56	10.57	420.02	432.55	435.07	428.09
Miscellaneous manufacturing.....	8.21	8.58	8.59	8.59	325.12	336.34	338.45	327.28
Nondurable goods.....	9.65	9.96	10.02	10.10	386.97	394.42	397.79	393.90
Food and kindred products.....	9.32	9.48	9.57	9.61	372.80	377.30	382.80	380.56
Tobacco manufactures.....	15.87	15.70	16.47	17.30	604.65	591.89	639.04	655.67
Textile mill products.....	7.60	7.92	7.94	7.94	313.12	316.01	316.01	306.48
Apparel and other textile products.....	6.32	6.45	6.54	6.58	234.47	234.78	236.75	228.98
Paper and allied products.....	11.83	12.12	12.12	12.26	509.87	517.52	519.95	518.60
Printing and publishing.....	10.73	11.09	11.13	11.10	405.59	416.98	421.83	411.81
Chemicals and allied products.....	12.92	13.24	13.29	13.44	549.10	558.73	563.50	572.54
Petroleum and coal products.....	15.50	15.92	16.06	16.34	686.65	698.89	713.06	733.67
Rubber and misc. plastics products.....	9.35	9.59	9.63	9.59	388.03	393.19	396.76	383.60
Leather and leather products.....	6.55	6.82	6.84	6.98	247.59	254.39	255.13	251.98
Transportation and public utilities.....	12.51	12.85	12.81	12.86	497.90	501.15	502.15	507.97
Wholesale trade.....	10.36	10.66	10.65	10.76	395.75	402.95	403.64	409.96
Retail trade.....	6.52	6.73	6.75	6.77	188.43	190.46	192.38	196.33
Finance, insurance, and real estate.....	9.59	9.90	9.87	10.00	348.12	354.42	351.37	362.00
Services.....	9.34	9.75	9.75	9.81	306.35	316.88	316.88	320.79

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

p = preliminary.

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

Industry	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990 <sup>p/</sup>	Apr. 1990 <sup>p/</sup>	Percent change from Mar. 1990-Apr. 1990
Total private <sup>2/</sup> .....	\$9.61	\$9.83	\$9.83	\$9.88	\$9.92	\$9.95	0.3
Current dollars.....	4.80	4.80	4.74	4.74	4.75	N.A.	(4)
Constant (1977) dollars <sup>3/</sup> .....	13.33	13.60	13.34	13.43	13.47	\$13.39	-.6
Construction.....	10.40	10.61	10.55	10.65	10.72	10.76	-.4
Manufacturing.....	9.92	10.15	10.10	10.21	10.27	10.37	1.0
Excluding overtime <sup>5/</sup> .....	12.52	12.71	12.79	12.82	12.85	12.86	.1
Transportation and public utilities	10.36	10.59	10.57	10.62	10.65	10.75	.9
Wholesale trade.....	6.51	6.65	6.69	6.71	6.74	6.75	.1
Retail trade.....	9.54	9.79	9.75	9.78	9.82	9.92	1.0
Finance, insurance, and real estate	9.32	9.62	9.62	9.65	9.70	9.78	.8
Services.....							

<sup>1/</sup> See footnote 1, table B-2.<sup>2/</sup> Includes mining, not shown separately, because its seasonal component is too small to be separated out with sufficient precision.<sup>3/</sup> The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate this series.<sup>4/</sup> Change was 0.2 percent from February 1990 to March 1990, the latest month available.<sup>5/</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half.

N.A. = not available.

<sup>p/</sup> = preliminary.

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

(1977=100)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Apr. 1989	Feb. 1990	Mar. 1990 <sup>p</sup>	Apr. 1990 <sup>p</sup>	Apr. 1989	Dec. 1989	Jan. 1990	Feb. 1990	Mar. 1990 <sup>p</sup>	Apr. 1990 <sup>p</sup>
Total private.....	127.4	126.2	127.4	128.7	128.7	128.8	129.5	130.2	130.3	130.2
Goods-producing industries.....	101.8	98.0	99.1	98.1	103.5	101.1	102.2	102.9	102.3	100.9
Mining.....	81.6	84.7	84.7	86.6	83.4	85.3	87.1	87.8	87.5	88.2
Construction.....	136.1	127.0	131.1	135.2	141.0	139.5	149.5	150.6	146.7	139.9
Manufacturing.....	96.1	93.0	93.6	91.5	97.2	94.5	93.7	94.3	94.4	93.9
Durable goods.....	94.7	90.6	91.5	89.2	95.2	91.6	90.3	91.7	91.9	91.3
Lumber and wood products.....	103.6	97.9	100.2	100.7	105.9	103.2	105.1	102.5	103.7	102.9
Furniture and fixtures.....	112.6	108.5	108.5	106.7	114.6	109.1	110.5	109.7	108.9	109.4
Stone, clay, and glass products.....	90.9	85.1	85.4	87.7	91.0	87.7	89.6	89.4	88.4	88.0
Primary metal industries.....	68.6	64.9	65.4	63.7	68.6	65.6	64.8	64.9	65.0	63.8
Blast furnaces and basic steel products.....	53.0	50.2	50.4	50.1	52.4	51.1	51.3	50.6	50.2	50.2
Fabricated metal products.....	91.4	87.3	88.3	85.1	92.2	88.5	86.7	88.0	88.9	88.1
Machinery, except electrical.....	93.8	93.0	92.6	89.1	93.9	92.4	92.7	92.9	91.9	91.1
Electrical and electronic equipment.....	98.4	95.6	95.9	93.1	99.7	95.0	95.7	96.4	96.9	96.4
Transportation equipment.....	102.0	93.9	96.1	92.4	101.2	95.0	85.7	93.5	95.3	94.8
Motor vehicles and equipment.....	92.3	80.3	83.4	80.2	91.1	82.4	67.0	80.3	82.3	80.3
Instruments and related products.....	115.7	114.8	115.1	113.6	116.4	114.4	115.2	115.0	115.0	116.4
Miscellaneous manufacturing.....	86.4	85.3	85.8	82.8	87.1	86.3	87.7	87.6	86.5	84.9
Nondurable goods.....	98.3	96.4	96.6	94.9	100.1	98.7	98.8	98.3	97.9	97.7
Food and kindred products.....	97.6	98.7	98.7	97.8	103.8	105.0	105.1	104.7	104.7	104.4
Tobacco manufactures.....	66.1	68.5	64.9	57.4	73.0	66.2	69.0	68.9	67.1	64.4
Textile mill products.....	81.2	76.4	75.9	73.6	82.1	78.1	78.3	77.2	76.3	75.8
Apparel and other textile products.....	85.9	81.1	80.1	77.4	86.8	82.4	82.5	81.5	79.6	79.9
Paper and allied products.....	100.9	100.7	100.8	99.8	102.4	102.1	102.5	102.0	102.1	102.4
Printing and publishing.....	138.5	139.4	140.8	138.0	138.2	138.8	140.0	140.3	140.2	138.8
Chemicals and allied products.....	100.6	100.9	101.2	101.8	100.9	102.8	102.6	101.5	101.4	102.1
Petroleum and coal products.....	82.3	81.3	83.7	86.6	82.9	85.6	83.9	85.5	87.6	86.8
Rubber and misc. plastics products.....	119.8	114.0	115.6	112.6	119.9	115.3	114.5	114.2	115.2	114.9
Leather and leather products.....	55.1	51.8	51.6	49.7	56.0	52.1	52.4	53.3	53.0	51.5
Service-producing industries.....	141.5	141.8	143.1	145.7	142.6	144.1	144.6	145.3	145.8	146.4
Transportation and public utilities.....	117.0	117.8	118.8	120.1	118.6	119.8	119.4	120.3	120.8	121.6
Wholesale trade.....	126.2	126.4	127.3	128.7	127.2	128.1	128.7	128.9	129.1	129.5
Retail trade.....	125.1	122.7	124.0	127.9	127.7	127.6	128.6	128.8	128.7	129.4
Finance, insurance, and real estate.....	142.9	143.8	143.8	146.9	143.8	144.1	144.3	145.2	145.4	147.2
Services.....	169.2	171.4	173.4	175.5	168.9	172.4	172.7	174.0	175.2	175.3

<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 nonagricultural payrolls, 349 industries <sup>1/</sup>												
Over 1-month span:												
1988.....	60.7	63.5	63.0	62.8	61.3	67.2	63.6	58.0	55.4	63.9	68.2	64.6
1989.....	68.3	60.5	61.0	58.2	55.6	59.7	55.6	57.4	47.9	55.3	60.9	51.9
1990.....	58.5	57.9	p/51.6	p/49.9								
Over 3-month span:												
1988.....	64.8	65.6	69.5	70.2	71.1	71.9	71.2	64.2	65.3	70.1	73.4	74.6
1989.....	71.6	70.1	64.5	61.9	61.6	60.7	61.6	53.4	54.6	55.7	57.2	60.2
1990.....	58.2	p/58.6	p/53.2									
Over 6-month span:												
1988.....	69.9	70.2	71.5	73.9	73.9	69.1	70.2	74.6	73.5	73.9	74.5	75.8
1989.....	75.1	69.5	68.2	66.0	63.0	57.9	57.7	60.2	53.4	58.3	58.3	p/60.5
1990.....	p/56.3											
Over 12-month span:												
1988.....	76.2	76.1	74.8	74.6	75.8	74.9	78.1	75.5	75.5	74.8	74.9	74.1
1989.....	73.2	73.6	69.6	67.6	66.6	62.6	63.6	63.2	p/60.7	p/58.0		
1990.....												
Manufacturing payrolls, 141 industries <sup>1/</sup>												
Over 1-month span:												
1988.....	58.5	56.0	55.0	59.9	58.5	61.7	59.6	51.1	49.3	62.8	64.9	58.5
1989.....	62.4	53.5	53.2	49.6	46.8	48.6	49.6	45.4	34.8	52.1	48.2	44.7
1990.....	45.4	49.3	p/44.0	p/46.5								
Over 3-month span:												
1988.....	63.1	61.0	62.4	64.9	67.4	67.0	64.5	58.2	62.1	66.7	71.3	70.9
1989.....	67.4	63.8	55.7	51.8	49.3	48.6	47.9	34.0	41.8	41.5	46.5	41.1
1990.....	42.2	p/41.1	p/44.3									
Over 6-month span:												
1988.....	66.3	66.3	67.7	69.5	66.7	64.2	66.0	70.9	68.8	69.9	71.6	74.1
1989.....	69.5	58.5	55.7	52.8	48.9	39.0	40.1	41.8	34.4	37.9	40.8	p/44.0
1990.....	p/37.9											
Over 12-month span:												
1988.....	73.8	70.2	70.9	71.6	72.0	69.9	70.9	69.1	71.6	70.2	69.9	67.0
1989.....	63.1	63.8	57.1	53.5	49.6	42.9	43.3	42.2	p/37.9	p/36.9		
1990.....												

<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.