

News

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THE EMPLOYMENT SITUATION: DECEMBER 1989

Employment showed little growth in December and unemployment was unchanged, the Bureau of Labor Statistics of the U.S. Department of Labor reported today. Both the overall jobless rate and the civilian worker rate remained at 5.3 percent.

Employment, as measured by the survey of business establishments, edged up by 140,000 in December to 109.5 million; about 55,000 of the increase represented a return to work of persons who had been on strike. Total civilian employment, as measured by the survey of households, was about unchanged over the month.

Unemployment (Household Survey Data)

The number of unemployed persons, at 6.7 million, and the unemployment rate, 5.3 percent, were unchanged in December, after seasonal adjustment. Both showed very little month-to-month movement during all of 1989, particularly in the second half of the year. (See table A-2.)

Jobless rates for individual worker groups--adult men (4.6 percent), adult women (4.8 percent), teenagers (15.2 percent), whites (4.6 percent), blacks (11.8 percent), and Hispanics (8.5 percent)--also showed little or no change, both over the month and the year. (See tables A-2 and A-3.)

Civilian Employment and the Labor Force (Household Survey Data)

Total civilian employment was about unchanged in December at 117.9 million, seasonally adjusted. The employment-population ratio held at 63.0 percent, close to the record high set last June. Employment rose by 1.7 million during 1989, compared with 2.3 million in the prior year. (See table A-2.)

This release incorporates annual revisions in seasonally adjusted unemployment and other labor force series from the household survey. Information on the revisions appears on page 5.

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

Category	Quarterly averages		Monthly data			Nov.- Dec. change
	1989		1989			
	III	IV	Oct.	Nov.	Dec.	
HOUSEHOLD DATA						
	Thousands of persons					
Labor force 1/.....	125,720	126,098	125,857	126,192	126,246	54
Total employment 1/..	119,153	119,474	119,294	119,540	119,588	48
Civilian labor force..	124,035	124,394	124,148	124,488	124,546	58
Civilian employment..	117,468	117,770	117,585	117,836	117,888	52
Unemployment.....	6,567	6,624	6,563	6,652	6,658	6
Not in labor force....	62,567	62,624	62,723	62,529	62,619	90
Discouraged workers..	817	827	N.A.	N.A.	N.A.	N.A.
	Percent of labor force					
Unemployment rates:						
All workers 1/.....	5.2	5.3	5.2	5.3	5.3	.0
All civilian workers:	5.3	5.3	5.3	5.3	5.3	.0
Adult men.....	4.6	4.6	4.5	4.6	4.6	.0
Adult women.....	4.7	4.8	4.8	4.8	4.8	.0
Teenagers.....	15.0	15.2	14.9	15.3	15.2	-0.1
White.....	4.5	4.5	4.5	4.5	4.6	.1
Black.....	11.3	11.8	11.7	11.9	11.8	-.1
Hispanic origin...	8.6	8.1	8.0	8.0	8.5	.5
ESTABLISHMENT DATA						
	Thousands of jobs					
Nonfarm employment....	108,917	p109,366	109,171	p109,393	p109,535	p142
Goods-producing.....	25,659	p25,584	25,603	p25,607	p25,543	p-64
Service-producing....	83,258	p83,782	83,568	p83,786	p83,992	p206
	Hours of work					
Average weekly hours:						
Total private.....	34.7	p34.6	34.7	p34.6	p34.5	p-0.1
Manufacturing.....	41.0	p40.7	40.8	p40.7	p40.7	p.0
Overtime.....	3.8	p3.7	3.7	p3.7	p3.7	p.0

1/ Includes the resident Armed Forces.

p=preliminary

NOTE: Household data have been revised based on the experience through December 1989.

N.A.=not available

The civilian labor force (124.5 million) and the labor force participation rate (66.5 percent) were essentially the same as in November. During the course of 1989, the labor force expanded by 1.9 million, with the entire increase about equally divided between adult men and women. (See table A-2.)

Discouraged Workers (Household Survey Data)

At a seasonally adjusted level of 830,000 in the fourth quarter, the number of discouraged workers--persons who report they want to work but are not looking for jobs because they believe they cannot find any--was about the same as in the third quarter. Over the past year, the number of discouraged workers has declined by more than 100,000. About two-thirds of the total cited job-market conditions as their reasons for not seeking work, while the remainder cited personal factors (such as age or lack of education). Blacks and women make up a disproportionately large share of all discouraged workers. (See table A-14.)

Industry Payroll Employment (Establishment Survey Data)

Total nonagricultural employment edged up by 140,000 in December, after seasonal adjustment, to a level of 109.5 million. Strike settlements accounted for about 55,000 of this increase. The December gain was confined to the service-producing sector; employment in goods-producing industries fell because of a weather-related decline in construction jobs and a continued slide in manufacturing. (See table B-1.)

In the service-producing sector, the services industry led the over-the-month job gains with an increase of 85,000. Within services, the rapidly expanding health services industry accounted for more than half of the overall gain and has added 525,000 jobs over the past year. The return of nearly 55,000 communications workers from a strike and continued growth in transportation employment were largely responsible for December's 75,000 increase in transportation and public utilities jobs. Employment in wholesale trade and finance, insurance, and real estate also increased over the month. Retail trade employment was little changed, as less than usual seasonal hiring in general merchandise stores and specialty retailers and job losses at automotive dealers and service stations offset gains in food stores and eating and drinking places.

In the goods-producing sector, construction employment declined by 40,000, after seasonal adjustment, as especially harsh weather in December curtailed work activity. Manufacturing employment continued its downtrend, falling by 25,000 to 19.5 million. Since March, factory jobs have declined by 195,000. December's decrease was led by a drop of nearly 15,000 jobs in electrical equipment. Following recent declines, auto industry employment was unchanged, while small losses occurred in several other durable goods industries. Within nondurable goods industries, offsetting movements left the total little changed. Elsewhere in the goods sector, mining employment was about unchanged over the month.

Weekly Hours (Establishment Survey Data)

The average workweek for production or nonsupervisory workers on private nonagricultural payrolls declined by 0.1 hour in December to 34.5 hours, seasonally adjusted. Both the factory workweek and overtime were unchanged at 40.7 and 3.7 hours, respectively. (See table B-2.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonagricultural payrolls, at 128.6 (1977=100), declined by 0.3 percent in December. The index for manufacturing also fell 0.3 percent, to 94.6. Reflecting the recent weakness in the industry, the manufacturing index declined 1.6 percent during 1989. In contrast, continued growth in service sector jobs resulted in an increase of 1.4 percent in total private aggregate hours. (See table B-5.)

Hourly and Weekly Earnings (Establishment Survey Data)

Average hourly earnings of private production or nonsupervisory workers rose 0.6 percent in December on a seasonally adjusted basis. Average weekly earnings were up by 0.3 percent. Prior to seasonal adjustment, average hourly earnings increased by 4 cents to \$9.85, and average weekly earnings rose by \$2.36 to \$340.81. Over the year, average hourly earnings increased by 4.1 percent and average weekly earnings by 3.2 percent. (See tables B-3 and B-4.)

The Employment Situation for January 1990 will be released on Friday, February 2, at 8:30 A.M. (EST).

Revision of Seasonally Adjusted Household Survey Data

At the end of each calendar year, BLS routinely updates the seasonal adjustment factors for labor force series derived from the Current Population Survey (household survey) to incorporate the experience of that year. As a result, seasonally adjusted data for the most recent 5 years are subject to revision. (Establishment data are also revised, later in the year, concurrently with the introduction of annual benchmark adjustments.)

Table B summarizes the effects of the revisions on the overall and civilian worker unemployment rates in 1989. The 1989 annual averages, 5.2 percent for all workers and 5.3 percent for civilian workers, are, of course, not affected by seasonal adjustment revisions. Table C presents revised seasonally adjusted data for major civilian labor force series for December 1988 through December 1989.

The January 1990 issue of Employment and Earnings will contain the new seasonal adjustment factors that will be used to calculate the civilian labor force and other major series for January-June of 1990. The publication will also contain a description of the current seasonal adjustment methodology and revised data for the most recent 13 months or calendar quarters for all regularly published tables containing seasonally adjusted household survey data. Revised monthly data for the 1985-89 revision period for 430 labor force series will be published in the February 1990 issue. Special tabulations of historical seasonally adjusted data (monthly and quarterly) may be purchased from the Bureau. (Contact Gloria P. Green on 202-523-1959.)

Table B. Seasonally adjusted unemployment rates in 1989 and change due to revision

Month	As first computed		As revised		Change due to revision	
	Overall	Civilian	Overall	Civilian	Overall	Civilian
January.....	5.4	5.4	5.3	5.4	-0.1	0
February.....	5.1	5.1	5.1	5.2	0	0.1
March.....	4.9	5.0	5.0	5.0	.1	0
April.....	5.2	5.3	5.2	5.3	0	0
May.....	5.1	5.2	5.1	5.2	0	0
June.....	5.2	5.3	5.2	5.3	0	0
July.....	5.2	5.2	5.2	5.3	0	.1
August.....	5.1	5.2	5.2	5.3	.1	.1
September.....	5.2	5.3	5.3	5.3	.1	0
October.....	5.2	5.3	5.2	5.3	0	0
November.....	5.3	5.4	5.3	5.3	0	-.1
December.....	*5.3	*5.4	5.3	5.3	0	-.1

* Not published.

HOUSEHOLD DATA

HOUSEHOLD DATA

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

(Numbers in thousands)

Employment status, sex, and age	1988	1989											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
TOTAL													
Civilian noninstitutional population ¹	185,402	185,644	185,777	185,897	186,024	186,181	186,329	186,483	186,598	186,726	186,871	187,017	187,165
Civilian labor force	122,650	123,265	123,117	123,245	123,615	123,551	124,111	124,013	124,070	124,023	124,148	124,488	124,546
Percent of population	66.2	66.4	66.3	66.3	66.5	66.4	66.6	66.5	66.5	66.4	66.4	66.6	66.5
Employed	116,141	116,640	116,757	117,047	117,084	117,132	117,542	117,436	117,550	117,419	117,585	117,836	117,888
Employment-population ratio ²	62.6	62.8	62.8	63.0	62.9	62.9	63.1	63.0	63.0	62.9	62.9	63.0	63.0
Unemployed	6,509	6,625	6,360	6,198	6,531	6,419	6,569	6,577	6,520	6,604	6,563	6,652	6,658
Unemployment rate	5.3	5.4	5.2	5.0	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3
Men, 20 years and over													
Civilian noninstitutional population ¹	81,001	81,162	81,256	81,333	81,413	81,524	81,592	81,679	81,754	81,790	81,905	81,968	82,055
Civilian labor force	63,048	63,285	63,393	63,468	63,638	63,535	63,874	63,736	63,717	63,771	63,918	63,967	64,071
Percent of population	77.8	78.0	78.0	78.0	78.2	77.9	78.3	78.0	77.9	78.0	78.0	78.0	78.1
Employed	60,133	60,398	60,568	60,783	60,716	60,774	61,072	60,915	60,861	60,729	61,026	61,033	61,154
Employment-population ratio ²	74.2	74.4	74.5	74.7	74.6	74.5	74.9	74.6	74.4	74.2	74.5	74.5	74.5
Agriculture	2,292	2,286	2,312	2,309	2,270	2,295	2,279	2,329	2,340	2,330	2,304	2,292	2,293
Nonagricultural industries	57,841	58,112	58,254	58,474	58,448	58,479	58,793	58,586	58,521	58,399	58,722	58,741	58,861
Unemployed	2,915	2,887	2,827	2,685	2,922	2,761	2,802	2,821	2,856	3,042	2,892	2,934	2,917
Unemployment rate	4.6	4.6	4.5	4.2	4.6	4.3	4.4	4.4	4.5	4.8	4.5	4.6	4.6
Not in labor force	17,953	17,877	17,863	17,865	17,775	17,989	17,718	17,943	18,037	18,019	17,987	18,001	17,984
Women, 20 years and over													
Civilian noninstitutional population ¹	89,954	90,072	90,153	90,242	90,318	90,432	90,526	90,607	90,684	90,771	90,860	90,952	91,042
Civilian labor force	51,613	51,961	51,816	51,876	52,009	52,120	52,219	52,385	52,352	52,358	52,281	52,541	52,586
Percent of population	57.4	57.7	57.5	57.5	57.6	57.6	57.7	57.8	57.7	57.7	57.5	57.8	57.8
Employed	49,199	49,517	49,455	49,467	49,560	49,649	49,687	49,817	49,875	49,984	49,796	50,043	50,048
Employment-population ratio ²	54.7	55.0	54.9	54.8	54.9	54.9	54.9	55.0	55.0	55.1	54.8	55.0	55.0
Agriculture	660	704	646	647	638	633	622	639	642	660	641	624	618
Nonagricultural industries	48,539	48,813	48,809	48,820	48,922	49,016	49,065	49,178	49,233	49,324	49,155	49,419	49,430
Unemployed	2,414	2,444	2,361	2,409	2,449	2,471	2,532	2,568	2,477	2,374	2,485	2,498	2,538
Unemployment rate	4.7	4.7	4.6	4.6	4.7	4.7	4.8	4.9	4.7	4.5	4.8	4.8	4.8
Not in labor force	38,341	38,111	38,337	38,366	38,309	38,312	38,307	38,222	38,332	38,413	38,579	38,411	38,456
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	14,447	14,410	14,367	14,323	14,293	14,224	14,211	14,196	14,160	14,166	14,107	14,097	14,067
Civilian labor force	7,989	8,019	7,908	7,901	7,968	7,896	8,018	7,892	8,001	7,894	7,949	7,980	7,889
Percent of population	55.3	55.6	55.0	55.2	55.7	55.5	56.4	55.6	56.5	55.7	56.3	56.6	56.1
Employed	6,809	6,725	6,736	6,797	6,808	6,709	6,783	6,704	6,814	6,706	6,763	6,760	6,686
Employment-population ratio ²	47.1	46.7	46.9	47.5	47.6	47.2	47.7	47.2	48.1	47.3	47.9	48.0	47.5
Agriculture	240	278	238	229	236	209	237	249	293	229	252	244	286
Nonagricultural industries	6,569	6,447	6,498	6,568	6,572	6,500	6,546	6,455	6,521	6,477	6,511	6,516	6,400
Unemployed	1,180	1,294	1,172	1,104	1,160	1,187	1,235	1,188	1,187	1,188	1,186	1,220	1,203
Unemployment rate	14.8	16.1	14.8	14.0	14.6	15.0	15.4	15.1	14.8	15.0	14.9	15.3	15.2
Not in labor force	6,458	6,391	6,459	6,422	6,325	6,328	6,193	6,304	6,159	6,272	6,158	6,117	6,178

¹ The population figures are not adjusted for seasonal variation.² Civilian employment as a percent of the civilian noninstitutional population.

NOTE: Seasonally adjusted data have been revised based on the experience through December 1989.

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.

HOUSEHOLD DATA

HOUSEHOLD DATA

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

(Numbers in thousands)

Employment status and sex	Not seasonally adjusted			Seasonally adjusted ¹					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
TOTAL									
Noninstitutional population ²	187,098	188,721	188,865	187,098	188,286	188,428	188,580	188,721	188,865
Labor force ²	123,816	126,368	125,698	124,346	125,758	125,725	125,857	126,192	126,246
Participation rate ³	66.2	67.0	66.6	66.5	66.8	66.7	66.7	66.9	66.8
Total employed ²	117,674	119,872	119,398	117,837	119,238	119,121	119,294	119,540	119,588
Employment-population ratio ⁴	62.9	63.5	63.2	63.0	63.3	63.2	63.3	63.3	63.3
Resident Armed Forces	1,696	1,704	1,700	1,696	1,688	1,702	1,709	1,704	1,700
Civilian employed	115,978	118,168	117,698	116,141	117,550	117,419	117,585	117,836	117,888
Agriculture	2,870	3,033	2,862	3,192	3,275	3,219	3,197	3,160	3,197
Nonagricultural industries	113,108	115,135	114,836	112,949	114,275	114,200	114,388	114,676	114,691
Unemployed	6,142	6,495	6,300	6,509	6,520	6,604	6,563	6,652	6,658
Unemployment rate ⁵	5.0	5.1	5.0	5.2	5.2	5.3	5.2	5.3	5.3
Not in labor force	63,282	62,353	63,167	62,752	62,528	62,703	62,723	62,529	62,619
Men, 16 years and over									
Noninstitutional population ²	89,792	90,606	90,678	89,792	90,384	90,456	90,535	90,606	90,678
Labor force ²	68,161	69,394	69,164	68,695	69,404	69,360	69,599	69,635	69,725
Participation rate ³	75.9	76.6	76.3	76.5	76.8	76.7	76.9	76.9	76.9
Total employed ²	64,645	65,831	65,600	65,145	65,919	65,681	66,046	66,011	66,143
Employment-population ratio ⁴	72.0	72.7	72.3	72.6	72.9	72.6	73.0	72.9	72.9
Resident Armed Forces	1,534	1,529	1,525	1,534	1,519	1,531	1,533	1,529	1,525
Civilian employed	63,111	64,302	64,075	63,611	64,400	64,150	64,513	64,482	64,618
Unemployed	3,517	3,563	3,565	3,550	3,485	3,679	3,553	3,624	3,582
Unemployment rate ⁵	5.2	5.1	5.2	5.2	5.0	5.3	5.1	5.2	5.1
Women, 16 years and over									
Noninstitutional population ²	97,306	98,115	98,187	97,306	97,902	97,972	98,045	98,115	98,187
Labor force ²	55,655	56,974	56,534	55,651	56,354	56,365	56,258	56,557	56,521
Participation rate ³	57.2	58.1	57.6	57.2	57.6	57.5	57.4	57.6	57.6
Total employed ²	53,029	54,041	53,798	52,692	53,319	53,440	53,248	53,529	53,445
Employment-population ratio ⁴	54.5	55.1	54.8	54.2	54.5	54.5	54.3	54.6	54.4
Resident Armed Forces	162	175	175	162	169	171	176	175	175
Civilian employed	52,867	53,866	53,623	52,530	53,150	53,269	53,072	53,354	53,270
Unemployed	2,625	2,933	2,735	2,959	3,035	2,925	3,010	3,028	3,076
Unemployment rate ⁵	4.7	5.1	4.8	5.3	5.4	5.2	5.4	5.4	5.4

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

² Includes members of the Armed Forces stationed in the United States.

³ Labor force as a percent of the noninstitutional population.

⁴ Total employment as a percent of the noninstitutional population.

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

NOTE: Seasonally adjusted data have been revised based on the experience through December 1989.

HOUSEHOLD DATA

HOUSEHOLD DATA

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

(Numbers in thousands)

Employment status, sex, and age	Not seasonally adjusted			Seasonally adjusted ¹					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
TOTAL									
Civilian noninstitutional population	185,402	187,017	187,165	185,402	186,598	186,726	186,871	187,017	187,165
Civilian labor force	122,120	124,664	123,998	122,650	124,070	124,023	124,148	124,488	124,546
Participation rate	65.9	66.7	66.3	66.2	66.5	66.4	66.4	66.6	66.5
Employed	115,978	118,168	117,698	116,141	117,550	117,419	117,585	117,836	117,888
Employment-population ratio ²	62.6	63.2	62.9	62.6	63.0	62.9	62.9	63.0	63.0
Unemployed	6,142	6,495	6,300	6,509	6,520	6,604	6,563	6,652	6,658
Unemployment rate	5.0	5.2	5.1	5.3	5.3	5.3	5.3	5.3	5.3
Men, 20 years and over									
Civilian noninstitutional population	81,001	81,968	82,055	81,001	81,754	81,790	81,905	81,968	82,055
Civilian labor force	62,792	63,919	63,814	63,048	63,717	63,771	63,918	63,967	64,071
Participation rate	77.5	78.0	77.8	77.8	77.9	78.0	78.0	78.0	78.1
Employed	59,858	61,033	60,862	60,133	60,861	60,729	61,026	61,033	61,154
Employment-population ratio ²	73.9	74.5	74.2	74.2	74.4	74.2	74.5	74.5	74.5
Agriculture	2,120	2,248	2,119	2,292	2,340	2,330	2,304	2,292	2,293
Nonagricultural industries	57,738	58,785	58,743	57,841	58,521	58,399	58,722	58,741	58,861
Unemployed	2,934	2,887	2,952	2,915	2,856	3,042	2,892	2,934	2,917
Unemployment rate	4.7	4.5	4.6	4.6	4.5	4.8	4.5	4.6	4.6
Women, 20 years and over									
Civilian noninstitutional population	89,954	90,952	91,042	89,954	90,684	90,771	90,860	90,952	91,042
Civilian labor force	51,786	53,117	52,761	51,613	52,352	52,358	52,281	52,541	52,586
Participation rate	57.6	58.4	58.0	57.4	57.7	57.7	57.5	57.8	57.8
Employed	49,601	50,687	50,459	49,199	49,875	49,984	49,796	50,043	50,048
Employment-population ratio ²	55.1	55.7	55.4	54.7	55.0	55.1	54.8	55.0	55.0
Agriculture	589	612	551	660	642	660	641	624	618
Nonagricultural industries	49,012	50,075	49,908	48,539	49,233	49,324	49,155	49,419	49,430
Unemployed	2,186	2,430	2,302	2,414	2,477	2,374	2,485	2,498	2,538
Unemployment rate	4.2	4.6	4.4	4.7	4.7	4.5	4.8	4.8	4.8
Both sexes, 16 to 19 years									
Civilian noninstitutional population	14,447	14,097	14,087	14,447	14,160	14,166	14,107	14,097	14,087
Civilian labor force	7,542	7,628	7,424	7,989	8,001	7,894	7,949	7,980	7,889
Participation rate	52.2	54.1	52.8	55.3	56.5	55.7	56.3	56.6	56.1
Employed	6,519	6,449	6,377	6,809	6,814	6,706	6,783	6,760	6,686
Employment-population ratio ²	45.1	45.7	45.3	47.1	48.1	47.3	47.9	48.0	47.5
Agriculture	161	173	192	240	293	229	252	244	286
Nonagricultural industries	6,358	6,275	6,185	6,569	6,521	6,477	6,511	6,516	6,400
Unemployed	1,023	1,179	1,047	1,180	1,187	1,188	1,186	1,220	1,203
Unemployment rate	13.6	15.5	14.1	14.8	14.8	15.0	14.9	15.3	15.2

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

² Civilian employment as a percent of the civilian noninstitutional

population.

NOTE: Seasonally adjusted data have been revised based on the experience through December 1989.

HOUSEHOLD DATA

HOUSEHOLD DATA

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	Not seasonally adjusted			Seasonally adjusted ¹					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
WHITE									
Civilian noninstitutional population	158,705	159,736	159,832	158,705	159,470	159,549	159,644	159,736	159,832
Civilian labor force	104,972	106,907	106,406	105,454	106,485	106,393	106,618	106,834	106,896
Participation rate	66.1	66.9	66.6	66.4	66.8	66.7	66.8	66.9	66.9
Employed	100,423	102,167	101,793	100,649	101,684	101,579	101,862	101,991	102,032
Employment-population ratio ²	63.3	64.0	63.7	63.4	63.8	63.7	63.8	63.8	63.8
Unemployed	4,549	4,740	4,613	4,805	4,801	4,814	4,756	4,843	4,864
Unemployment rate	4.3	4.4	4.3	4.6	4.5	4.5	4.5	4.5	4.6
Men, 20 years and over									
Civilian labor force	54,731	55,632	55,556	54,924	55,443	55,465	55,626	55,676	55,747
Participation rate	77.9	78.4	78.2	78.2	78.4	78.3	78.5	78.5	78.5
Employed	52,466	53,457	53,338	52,698	53,307	53,153	53,483	53,482	53,580
Employment-population ratio ²	74.7	75.4	75.1	75.1	75.4	75.1	75.5	75.4	75.5
Unemployed	2,264	2,174	2,218	2,226	2,136	2,312	2,143	2,194	2,167
Unemployment rate	4.1	3.9	4.0	4.1	3.9	4.2	3.9	3.9	3.9
Women, 20 years and over									
Civilian labor force	43,748	44,809	44,574	43,637	44,184	44,198	44,207	44,360	44,469
Participation rate	57.0	57.9	57.5	56.8	57.2	57.2	57.1	57.3	57.4
Employed	42,218	43,094	42,937	41,924	42,391	42,520	42,437	42,586	42,641
Employment-population ratio ²	55.0	55.7	55.4	54.6	54.9	55.0	54.9	55.0	55.0
Unemployed	1,530	1,715	1,637	1,713	1,793	1,678	1,770	1,774	1,828
Unemployment rate	3.5	3.8	3.7	3.9	4.1	3.8	4.0	4.0	4.1
Both sexes, 16 to 19 years									
Civilian labor force	6,494	6,467	6,277	6,893	6,858	6,730	6,785	6,798	6,680
Participation rate	55.4	56.8	55.3	58.8	59.6	58.7	59.4	59.7	58.9
Employed	5,739	5,616	5,518	6,027	5,986	5,906	5,942	5,923	5,811
Employment-population ratio ²	49.0	49.3	48.6	51.4	52.0	51.5	52.0	52.0	51.2
Unemployed	755	851	759	866	872	824	843	875	869
Unemployment rate	11.6	13.2	12.1	12.6	12.7	12.2	12.4	12.9	13.0
Men	13.4	14.8	14.0	13.5	13.1	13.3	13.8	14.3	14.0
Women	9.8	11.5	10.1	11.6	12.3	11.1	10.9	11.3	11.9
BLACK									
Civilian noninstitutional population	20,842	21,136	21,164	20,842	21,060	21,085	21,108	21,136	21,164
Civilian labor force	13,367	13,614	13,487	13,407	13,476	13,518	13,507	13,576	13,522
Participation rate	64.1	64.4	63.7	64.3	64.0	64.1	64.0	64.2	63.9
Employed	11,938	12,056	11,989	11,872	11,961	11,938	11,923	11,954	11,920
Employment-population ratio ²	57.3	57.0	56.6	57.0	56.8	56.6	56.5	56.6	56.3
Unemployed	1,428	1,558	1,498	1,535	1,515	1,580	1,584	1,622	1,602
Unemployment rate	10.7	11.4	11.1	11.4	11.2	11.7	11.7	11.9	11.8
Men, 20 years and over									
Civilian labor force	6,146	6,230	6,206	6,181	6,198	6,239	6,234	6,247	6,244
Participation rate	74.2	74.0	73.6	74.6	73.9	74.6	74.2	74.2	74.0
Employed	5,559	5,599	5,554	5,571	5,584	5,610	5,593	5,587	5,569
Employment-population ratio ²	67.1	66.5	65.9	67.3	66.6	67.0	66.6	66.4	66.0
Unemployed	586	631	652	610	614	629	641	660	675
Unemployment rate	9.5	10.1	10.5	9.9	9.9	10.1	10.3	10.6	10.8
Women, 20 years and over									
Civilian labor force	6,375	6,480	6,369	6,320	6,362	6,360	6,336	6,373	6,311
Participation rate	61.4	61.4	60.3	60.9	60.6	60.5	60.2	60.4	59.7
Employed	5,773	5,835	5,779	5,673	5,753	5,743	5,706	5,722	5,681
Employment-population ratio ²	55.6	55.3	54.7	54.7	54.8	54.6	54.2	54.2	53.8
Unemployed	602	645	590	647	609	617	630	651	630
Unemployment rate	9.4	10.0	9.3	10.2	9.6	9.7	9.9	10.2	10.0
Both sexes, 16 to 19 years									
Civilian labor force	846	904	912	906	916	919	937	956	967
Participation rate	38.8	41.6	42.1	41.6	42.2	41.8	43.0	44.0	44.6
Employed	606	622	655	628	624	585	624	645	670
Employment-population ratio ²	27.8	28.7	30.3	28.8	28.7	26.6	28.6	29.7	30.9
Unemployed	240	282	257	278	292	334	313	311	297
Unemployment rate	28.3	31.2	28.1	30.7	31.9	36.3	33.4	32.5	30.7
Men	30.0	31.8	29.0	30.8	30.3	33.8	32.0	32.3	30.1
Women	26.6	30.4	27.2	30.6	33.6	38.8	34.9	32.7	31.4

See footnotes at end of table.

HOUSEHOLD DATA

HOUSEHOLD DATA

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 ¹					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
HISPANIC ORIGIN									
Civilian noninstitutional population	13,533	13,977	14,019	13,533	13,853	13,894	13,936	13,977	14,019
Civilian labor force	9,053	9,473	9,410	9,135	9,361	9,342	9,339	9,424	9,495
Participation rate	66.9	67.8	67.1	67.5	67.6	67.2	67.0	67.4	67.7
Employed	8,402	8,719	8,651	8,445	8,541	8,564	8,595	8,672	8,691
Employment-population ratio ²	62.1	62.4	61.7	62.4	61.7	61.6	61.7	62.0	62.0
Unemployed	651	754	759	690	820	778	744	752	804
Unemployment rate	7.2	8.0	8.1	7.6	8.8	8.3	8.0	8.0	8.5

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

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

NOTE: Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups. Seasonally adjusted data have been revised based on the experience through December 1989.

Table A-4. Selected employment indicators

(In thousands)

Category	Not seasonally adjusted			Seasonally adjusted					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
CHARACTERISTIC									
Civilian employed, 16 years and over	115,978	118,168	117,698	116,141	117,550	117,419	117,585	117,836	117,888
Married men, spouse present	40,599	40,958	41,075	40,567	40,723	40,649	40,839	40,886	41,041
Married women, spouse present	29,344	30,196	29,897	29,118	29,259	29,506	29,544	29,767	29,695
Women who maintain families	6,473	6,420	6,442	6,390	6,371	6,429	6,354	6,351	6,349
MAJOR INDUSTRY AND CLASS OF WORKER									
Agriculture:									
Wage and salary workers	1,507	1,590	1,505	1,686	1,723	1,680	1,678	1,687	1,677
Self-employed workers	1,247	1,343	1,257	1,355	1,410	1,424	1,406	1,373	1,369
Unpaid family workers	116	100	99	147	133	132	124	122	125
Nonagricultural industries:									
Wage and salary workers	104,231	106,241	105,919	103,954	105,317	105,476	105,504	105,960	105,643
Government	17,627	18,042	18,035	17,352	17,559	17,613	17,595	17,681	17,728
Private industries	86,604	88,199	87,884	86,602	87,758	87,863	87,909	88,279	87,915
Private households	1,173	1,039	1,051	1,206	1,147	1,065	987	1,051	1,077
Other industries	85,431	87,160	86,833	85,396	86,611	86,798	86,922	87,228	86,838
Self-employed workers	8,612	8,645	8,679	8,588	8,621	8,581	8,610	8,528	8,653
Unpaid family workers	264	249	237	279	272	279	280	264	251
PERSONS AT WORK PART TIME¹									
All industries:									
Part time for economic reasons	5,239	4,737	4,709	5,350	4,802	4,864	4,767	4,803	4,802
Slack work	2,620	2,374	2,333	2,564	2,281	2,321	2,314	2,297	2,277
Could only find part-time work	2,323	2,054	2,026	2,417	2,142	2,161	2,082	2,162	2,106
Voluntary part time	16,420	16,437	16,465	15,355	15,550	15,506	15,368	15,254	15,388
Nonagricultural industries:									
Part time for economic reasons	4,961	4,488	4,485	5,047	4,567	4,605	4,526	4,552	4,554
Slack work	2,419	2,175	2,151	2,379	2,129	2,165	2,166	2,132	2,111
Could only find part-time work	2,258	2,008	1,998	2,318	2,076	2,095	2,021	2,097	2,051
Voluntary part time	16,019	16,035	16,106	14,912	15,071	15,076	14,936	14,805	14,983

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

NOTE: Seasonally adjusted data have been revised based on the experience through December 1989.

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		
	1988	1989				1989		
	IV	I	II	III	IV	Oct.	Nov.	Dec.
U-1 Persons unemployed 15 weeks or longer as a percent of the civilian labor force	1.2	1.1	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	2.4	2.3	2.4	2.5	2.4	2.5	2.5
U-3 Unemployed persons 25 years and over as a percent of the civilian labor force for persons 25 years and over	4.1	4.0	4.0	4.0	4.1	4.1	4.1	4.1
U-4 Unemployed full-time jobseekers as a percent of the full-time civilian labor force	5.0	4.9	4.9	5.0	5.0	4.9	5.0	5.0
U-5a Total unemployed as a percent of the labor force, including the resident Armed Forces	5.2	5.1	5.2	5.2	5.3	5.2	5.3	5.3
U-5b Total unemployed as a percent of the civilian labor force	5.3	5.2	5.3	5.3	5.3	5.3	5.3	5.3
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	7.4	7.2	7.3	7.2	7.2	7.2	7.3	7.3
U-7 Total full-time jobseekers plus 1/2 part-time jobseekers plus 1/2 total on part time for economic reasons plus discouraged workers as a percent of the civilian labor force plus discouraged workers less 1/2 of the part-time labor force	8.2	7.9	8.0	7.9	7.9	N.A.	N.A.	N.A.

N.A. = not available.

December 1989.

NOTE: Data have been revised based on the experience through

Table A-6. Selected unemployment indicators, seasonally adjusted

Category	Number of unemployed persons (in thousands)			Unemployment rates ¹					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989 ²	Dec. 1989
CHARACTERISTIC									
Total, 16 years and over	6,509	6,652	6,658	5.3	5.3	5.3	5.3	5.3	5.3
Men, 16 years and over	3,550	3,624	3,582	5.3	5.1	5.4	5.2	5.3	5.3
Men, 20 years and over	2,915	2,934	2,917	4.6	4.5	4.8	4.5	4.6	4.6
Women, 16 years and over	2,959	3,028	3,076	5.3	5.4	5.2	5.4	5.4	5.5
Women, 20 years and over	2,414	2,498	2,538	4.7	4.7	4.5	4.8	4.8	4.8
Both sexes, 16 to 19 years	1,180	1,220	1,203	14.8	14.8	15.0	14.9	15.3	15.2
Married men, spouse present	1,291	1,296	1,291	3.1	3.1	3.3	3.0	3.1	3.0
Married women, spouse present	1,097	1,161	1,202	3.6	3.9	3.8	3.9	3.8	3.9
Women who maintain families	570	568	556	8.2	8.0	7.7	7.8	8.2	8.1
Full-time workers	5,274	5,301	5,299	5.0	4.9	5.0	4.9	5.0	5.0
Part-time workers	1,250	1,347	1,377	7.0	7.1	7.3	7.1	7.4	7.5
Labor force time lost ²	--	--	--	8.2	6.0	6.0	5.9	5.9	6.0
INDUSTRY									
Nonagricultural private wage and salary workers	4,878	5,063	5,038	5.3	5.4	5.4	5.3	5.4	5.4
Goods-producing industries	1,841	1,870	1,916	6.3	6.3	6.3	6.2	6.3	6.5
Mining	56	48	32	7.6	6.4	8.4	4.8	6.2	4.4
Construction	655	620	630	10.3	10.2	10.1	9.3	9.8	9.8
Manufacturing	1,130	1,202	1,254	5.1	5.2	5.2	5.4	5.4	5.6
Durable goods	634	716	718	4.9	4.9	4.9	5.2	5.4	5.4
Nondurable goods	496	486	536	5.4	5.7	5.5	5.6	5.3	5.9
Service-producing industries	3,037	3,193	3,122	4.9	4.9	5.0	4.9	5.0	4.9
Transportation and public utilities	249	227	219	3.9	3.7	4.5	3.9	3.6	3.4
Wholesale and retail trade	1,427	1,535	1,506	6.1	6.0	5.9	5.9	6.4	6.3
Finance and service industries	1,361	1,431	1,397	4.2	4.4	4.5	4.3	4.3	4.2
Government workers	491	498	478	2.8	2.7	2.8	2.7	2.7	2.6
Agricultural wage and salary workers	166	232	180	9.0	9.0	7.8	9.8	12.1	9.7

¹ Unemployment as a percent of the civilian labor force.² Aggregate hours lost by the unemployed and persons on part time for

economic reasons as a percent of potentially available labor force hours.

NOTE: Data have been revised based on the experience through December 1989.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-7. Duration of unemployment

(Numbers in thousands)

Weeks of unemployment	Not seasonally adjusted			Seasonally adjusted					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
DURATION									
Less than 5 weeks	2,701	3,234	2,982	3,000	3,125	3,169	3,166	3,258	3,302
5 to 14 weeks	2,045	1,963	2,026	2,039	2,002	2,030	1,995	1,991	2,013
15 weeks and over	1,396	1,298	1,293	1,476	1,338	1,359	1,378	1,422	1,362
15 to 26 weeks	701	682	695	740	759	769	743	765	730
27 weeks and over	696	616	598	736	579	590	635	657	632
Average (mean) duration, in weeks	13.2	11.6	11.8	12.8	11.4	11.5	11.7	11.6	11.5
Median duration, in weeks	6.1	4.5	5.1	5.7	5.0	5.0	5.0	4.8	4.8
PERCENT DISTRIBUTION									
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	44.0	49.8	47.3	46.0	48.3	48.3	48.4	48.8	49.5
5 to 14 weeks	33.3	30.2	32.2	31.3	31.0	31.0	30.5	29.8	30.1
15 weeks and over	22.7	20.0	20.5	22.7	20.7	20.7	21.1	21.3	20.4
15 to 26 weeks	11.4	10.5	11.0	11.4	11.7	11.7	11.4	11.5	10.9
27 weeks and over	11.3	9.5	9.5	11.3	9.0	9.0	9.7	9.8	9.5

NOTE: Seasonally adjusted data have been revised based on the experience through December 1989.

Table A-8. Reason for unemployment

(Numbers in thousands)

Reasons	Not seasonally adjusted			Seasonally adjusted					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
NUMBER OF UNEMPLOYED									
Job losers	3,078	3,023	3,172	3,021	2,964	2,932	2,979	3,092	3,097
On layoff	866	912	1,033	806	865	852	780	969	957
Other job losers	2,212	2,111	2,139	2,215	2,099	2,080	2,199	2,123	2,140
Job leavers	903	1,051	962	994	1,031	1,034	994	1,049	1,055
Reentrants	1,523	1,802	1,615	1,740	1,772	1,920	1,890	1,845	1,853
New entrants	638	619	551	785	643	648	685	695	686
PERCENT DISTRIBUTION									
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers	50.1	46.5	50.3	46.2	46.2	44.9	45.5	46.3	46.3
On layoff	14.1	14.0	16.4	12.3	13.5	13.0	11.9	14.5	14.3
Other job losers	36.0	32.5	34.0	33.9	32.7	31.8	33.6	31.8	32.0
Job leavers	14.7	16.2	15.3	15.2	16.1	15.8	15.2	15.7	15.8
Reentrants	24.8	27.7	25.6	26.6	27.6	29.4	28.9	27.6	27.7
New entrants	10.4	9.5	8.7	12.0	10.0	9.9	10.5	10.4	10.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE									
Job losers	2.5	2.4	2.6	2.5	2.4	2.4	2.4	2.5	2.5
Job leavers7	.8	.8	.8	.8	.8	.8	.8	.8
Reentrants	1.2	1.4	1.3	1.4	1.4	1.5	1.5	1.5	1.5
New entrants5	.5	.4	.6	.5	.5	.6	.6	.6

NOTE: Seasonally adjusted data have been revised based on the experience through December 1989.

HOUSEHOLD DATA

HOUSEHOLD DATA

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

Sex and age	Number of unemployed persons (in thousands)			Unemployment rates ¹					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
Total, 16 years and over	6,509	6,652	6,658	5.3	5.3	5.3	5.3	5.3	5.3
16 to 24 years	2,426	2,472	2,428	10.9	11.0	11.1	11.1	11.3	11.2
16 to 19 years	1,180	1,220	1,203	14.8	14.8	15.0	14.9	15.3	15.2
16 to 17 years	531	548	558	16.6	17.5	17.2	16.9	17.4	18.1
18 to 19 years	648	665	645	13.5	12.8	14.2	13.5	13.8	13.4
20 to 24 years	1,246	1,252	1,225	8.7	8.8	8.8	8.9	9.0	8.9
25 years and over	4,098	4,188	4,242	4.1	4.0	4.1	4.1	4.1	4.1
25 to 54 years	3,641	3,688	3,744	4.3	4.1	4.3	4.2	4.2	4.3
55 years and over	452	496	494	3.0	3.1	3.0	3.0	3.2	3.2
Men, 16 years and over	3,550	3,624	3,582	5.3	5.1	5.4	5.2	5.3	5.3
16 to 24 years	1,283	1,380	1,361	11.1	11.5	11.9	11.7	12.0	11.8
16 to 19 years	635	690	665	15.4	15.1	15.7	15.9	16.7	16.1
16 to 17 years	293	312	319	17.7	17.7	19.5	18.5	19.0	19.6
18 to 19 years	340	382	346	13.7	13.1	13.7	14.2	15.1	13.8
20 to 24 years	648	690	696	8.6	9.4	9.8	9.3	9.4	9.5
25 years and over	2,277	2,258	2,238	4.1	3.8	4.1	3.9	4.0	3.9
25 to 54 years	1,990	1,967	1,917	4.3	3.8	4.1	4.0	4.1	4.0
55 years and over	277	303	314	3.2	3.3	3.5	3.2	3.5	3.6
Women, 16 years and over	2,959	3,028	3,076	5.3	5.4	5.2	5.4	5.4	5.5
16 to 24 years	1,143	1,092	1,067	10.6	10.4	10.2	10.4	10.4	10.4
16 to 19 years	545	530	538	14.1	14.6	14.4	13.8	13.8	14.3
16 to 17 years	238	236	239	15.4	17.2	14.7	15.0	15.7	16.5
18 to 19 years	308	283	299	13.2	12.5	14.6	12.8	12.3	13.0
20 to 24 years	598	562	529	8.7	8.1	7.7	8.5	8.5	8.2
25 years and over	1,821	1,930	2,004	4.1	4.2	4.1	4.2	4.2	4.3
25 to 54 years	1,651	1,721	1,827	4.3	4.5	4.4	4.4	4.4	4.6
55 years and over	175	193	180	2.7	2.8	2.4	2.8	2.9	2.7

¹ Unemployment as a percent of the civilian labor force.

December 1989.

NOTE: Data have been revised based on the experience through

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

(Numbers in thousands)

Employment status	Not seasonally adjusted			Seasonally adjusted ¹					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
Civilian noninstitutional population	26,697	27,280	27,332	26,697	27,128	27,177	27,227	27,280	27,332
Civilian labor force	17,148	17,757	17,592	17,205	17,574	17,641	17,801	17,686	17,648
Participation rate	64.2	65.1	64.4	64.4	64.8	64.9	64.6	64.8	64.6
Employed	15,555	16,002	15,905	15,492	15,866	15,847	15,797	15,861	15,841
Employment-population ratio ²	58.3	58.7	58.2	58.0	58.5	58.3	58.0	58.1	58.0
Unemployed	1,593	1,755	1,687	1,713	1,708	1,794	1,804	1,825	1,807
Unemployment rate	9.3	9.9	9.6	10.0	9.7	10.2	10.2	10.3	10.2
Not in labor force	9,549	9,524	9,741	9,492	9,554	9,536	9,626	9,594	9,684

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

population.

NOTE: Seasonally adjusted data have been revised based on the experience through December 1989.

² Civilian employment as a percent of the civilian noninstitutional

HOUSEHOLD DATA

HOUSEHOLD DATA

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

(Numbers in thousands)

Occupation	Civilian employed		Unemployed		Unemployment rate	
	Dec. 1988	Dec. 1989	Dec. 1988	Dec. 1989	Dec. 1988	Dec. 1989
Total, 16 years and over ¹	115,978	117,698	6,142	6,300	5.0	5.1
Managerial and professional specialty	29,754	30,594	503	581	1.7	1.9
Executive, administrative, and managerial	14,306	14,648	308	345	2.1	2.3
Professional specialty	15,449	15,946	195	236	1.2	1.5
Technical, sales, and administrative support	36,088	36,997	1,321	1,361	3.5	3.5
Technicians and related support	3,593	3,735	89	96	2.4	2.5
Sales occupations	14,292	14,676	597	605	4.0	4.0
Administrative support, including clerical	18,203	18,586	635	660	3.4	3.4
Service occupations	15,645	15,364	1,042	1,055	6.2	6.4
Private household	966	871	60	63	5.8	6.7
Protective service	1,881	1,908	79	57	4.0	2.9
Service, except private household and protective	12,797	12,584	903	935	6.6	6.9
Precision production, craft, and repair	13,599	13,737	756	796	5.3	5.5
Mechanics and repairers	4,349	4,478	175	160	3.9	3.4
Construction trades	5,097	5,134	403	471	7.3	8.4
Other precision production, craft, and repair	4,153	4,124	178	165	4.1	3.9
Operators, fabricators, and laborers	17,868	18,063	1,600	1,617	8.2	8.2
Machine operators, assemblers, and inspectors	8,285	8,214	684	748	7.6	8.3
Transportation and material moving occupations	4,869	4,857	285	315	5.5	6.1
Handlers, equipment cleaners, helpers, and laborers	4,714	4,992	631	555	11.8	10.0
Construction laborers	717	738	218	138	23.4	15.8
Other handlers, equipment cleaners, helpers, and laborers	3,996	4,254	413	417	9.4	8.9
Farming, forestry, and fishing	3,024	2,944	243	233	7.5	7.3

¹ 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	
	Dec. 1988	Dec. 1989	Dec. 1988	Dec. 1989	Dec. 1988	Dec. 1989	Dec. 1988	Dec. 1989	Dec. 1988	Dec. 1989
VIETNAM-ERA VETERANS										
Total, 30 years and over	7,903	7,930	7,248	7,261	6,961	6,943	287	318	4.0	4.4
30 to 44 years	5,729	5,290	5,424	5,045	5,212	4,824	212	220	3.9	4.4
30 to 34 years	592	391	559	363	525	339	34	24	6.1	6.5
35 to 39 years	1,969	1,586	1,882	1,505	1,796	1,447	86	57	4.6	3.8
40 to 44 years	3,168	3,313	2,983	3,177	2,891	3,038	92	139	3.1	4.4
45 years and over	2,174	2,640	1,824	2,217	1,749	2,119	75	98	4.1	4.4
NONVETERANS										
Total, 30 to 44 years	20,885	22,064	19,692	20,864	18,916	20,084	776	779	3.9	3.7
30 to 34 years	9,221	9,446	8,732	8,976	8,390	8,611	342	365	3.9	4.1
35 to 39 years	7,077	7,650	6,655	7,237	6,397	6,953	258	284	3.9	3.9
40 to 44 years	4,587	4,968	4,305	4,651	4,129	4,520	176	130	4.1	2.8

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 30 to 44 years of age, the group that most closely corresponds to the bulk of the Vietnam-era veteran population.

HOUSEHOLD DATA

HOUSEHOLD DATA

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

(Numbers in thousands)

State and employment status	Not seasonally adjusted ¹			Seasonally adjusted ²					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
California									
Civilian noninstitutional population	20,973	21,300	21,337	20,973	21,192	21,227	21,263	21,300	21,337
Civilian labor force	14,131	14,469	14,295	14,198	14,358	14,452	14,457	14,440	14,370
Employed	13,520	13,761	13,611	13,524	13,706	13,716	13,767	13,715	13,611
Unemployed	611	708	684	674	652	736	690	725	759
Unemployment rate	4.3	4.9	4.8	4.7	4.5	5.1	4.8	5.0	5.3
Florida									
Civilian noninstitutional population	9,819	10,032	10,051	9,819	9,978	9,996	10,014	10,032	10,051
Civilian labor force	6,094	6,270	6,247	6,085	6,209	6,194	6,259	6,296	6,262
Employed	5,766	5,921	5,887	5,755	5,884	5,846	5,895	5,945	5,900
Unemployed	327	349	360	330	325	348	364	351	362
Unemployment rate	5.4	5.6	5.8	5.4	5.2	5.6	5.8	5.6	5.8
Illinois									
Civilian noninstitutional population	8,712	8,718	8,722	8,712	8,708	8,711	8,714	8,718	8,722
Civilian labor force	5,796	5,978	5,908	5,817	5,889	5,944	5,934	5,996	5,945
Employed	5,436	5,600	5,545	5,429	5,540	5,576	5,531	5,586	5,568
Unemployed	360	378	362	388	349	368	403	410	377
Unemployment rate	6.2	6.3	6.1	6.7	5.9	6.2	6.8	6.8	6.3
Massachusetts									
Civilian noninstitutional population	4,598	4,609	4,611	4,598	4,604	4,605	4,607	4,609	4,611
Civilian labor force	3,127	3,133	3,134	3,150	3,191	3,130	3,121	3,151	3,160
Employed	3,033	3,007	3,003	3,043	3,060	2,993	2,979	3,012	3,016
Unemployed	94	127	130	107	131	137	142	139	144
Unemployment rate	3.0	4.0	4.2	3.4	4.1	4.4	4.5	4.4	4.6
Michigan									
Civilian noninstitutional population	7,063	7,105	7,107	7,063	7,100	7,101	7,103	7,105	7,107
Civilian labor force	4,638	4,736	4,723	4,648	4,673	4,682	4,749	4,705	4,729
Employed	4,310	4,409	4,385	4,306	4,352	4,305	4,360	4,360	4,387
Unemployed	329	327	338	342	321	377	389	345	342
Unemployment rate	7.1	6.9	7.2	7.4	6.9	8.1	8.2	7.3	7.2
New Jersey									
Civilian noninstitutional population	6,050	6,073	6,076	6,050	6,066	6,068	6,071	6,073	6,076
Civilian labor force	4,013	4,038	4,027	4,043	3,990	4,014	4,046	4,065	4,047
Employed	3,854	3,848	3,888	3,875	3,810	3,828	3,839	3,856	3,901
Unemployed	159	190	139	168	180	186	207	209	146
Unemployment rate	4.0	4.7	3.5	4.2	4.5	4.6	5.1	5.1	3.6
New York									
Civilian noninstitutional population	13,807	13,823	13,826	13,807	13,816	13,817	13,820	13,823	13,826
Civilian labor force	8,614	8,760	8,801	8,580	8,557	8,649	8,662	8,751	8,784
Employed	8,217	8,317	8,318	8,177	8,127	8,182	8,257	8,292	8,289
Unemployed	397	443	483	403	430	467	405	459	495
Unemployment rate	4.6	5.1	5.5	4.7	5.0	5.4	4.7	5.2	5.6
North Carolina									
Civilian noninstitutional population	4,959	5,032	5,038	4,959	5,016	5,021	5,027	5,032	5,038
Civilian labor force	3,358	3,425	3,417	3,371	3,432	3,454	3,432	3,412	3,440
Employed	3,247	3,328	3,314	3,254	3,304	3,315	3,321	3,318	3,332
Unemployed	111	97	103	117	128	139	111	94	108
Unemployment rate	3.3	2.8	3.0	3.5	3.7	4.0	3.2	2.8	3.1
Ohio									
Civilian noninstitutional population	8,281	8,326	8,329	8,281	8,318	8,320	8,323	8,326	8,329
Civilian labor force	5,352	5,471	5,459	5,355	5,469	5,491	5,503	5,444	5,470
Employed	5,066	5,147	5,129	5,060	5,209	5,216	5,169	5,099	5,132
Unemployed	286	323	330	295	260	275	334	345	338
Unemployment rate	5.4	5.9	6.0	5.5	4.8	5.0	6.1	6.3	6.2

HOUSEHOLD DATA

HOUSEHOLD DATA

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

(Numbers in thousands)

State and employment status	Not seasonally adjusted ¹			Seasonally adjusted ²					
	Dec. 1988	Nov. 1989	Dec. 1989	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989	Dec. 1989
Pennsylvania									
Civilian noninstitutional population	9,400	9,442	9,446	9,400	9,433	9,435	9,439	9,442	9,446
Civilian labor force	5,806	5,943	5,898	5,816	5,768	5,813	5,798	5,959	5,921
Employed	5,562	5,639	5,608	5,543	5,520	5,572	5,530	5,638	5,605
Unemployed	244	303	290	273	248	241	268	321	316
Unemployment rate	4.2	5.1	4.9	4.7	4.3	4.1	4.6	5.4	5.3
Texas									
Civilian noninstitutional population	12,000	12,005	12,008	12,000	11,996	11,998	12,001	12,005	12,008
Civilian labor force	8,266	8,327	8,201	8,284	8,352	8,253	8,287	8,265	8,218
Employed	7,751	7,752	7,722	7,693	7,729	7,737	7,753	7,668	7,676
Unemployed	515	575	479	591	623	516	534	597	542
Unemployment rate	6.2	6.9	5.8	7.1	7.5	6.3	6.4	7.2	6.6

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

² The population figures are not adjusted for seasonal variation; therefore, identical numbers appear in the unadjusted and the seasonally adjusted

columns.

NOTE: Revised seasonal adjustment factors are not yet available for State data. The seasonally adjusted series will be revised for the release of January data on February 2.

HOUSEHOLD DATA

HOUSEHOLD DATA

Table A-14. Persons not in the labor force by reason, sex, and race, quarterly averages

(In thousands)

Reason, sex, and race	Not seasonally adjusted		Seasonally adjusted				
	1988	1989	1988	1989			
	IV	IV	IV	I	II	III	IV
TOTAL							
Total not in labor force	62,856	62,658	62,811	62,564	62,419	62,567	62,624
Do not want a job now	57,586	57,654	57,506	57,232	57,007	57,626	57,577
Current activity: Going to school	7,915	7,808	6,289	6,367	6,278	6,995	6,229
Ill, disabled	4,577	4,662	4,688	4,567	4,774	4,671	4,767
Keeping house	24,381	23,696	24,573	24,507	24,096	24,031	23,886
Retired	16,990	17,987	17,256	17,194	17,387	17,673	18,270
Other activity	3,723	3,500	4,700	4,597	4,472	4,256	4,425
Want a job now	5,271	5,005	5,439	5,303	5,323	5,463	5,176
Reason not looking: School attendance	1,387	1,215	1,408	1,291	1,286	1,447	1,246
Ill health, disability	787	904	782	887	932	888	907
Home responsibilities	1,083	1,186	1,140	1,176	1,154	1,175	1,251
Think cannot get a job	923	807	954	851	865	817	827
Job-market factors	574	556	587	563	523	518	563
Personal factors	349	250	367	289	343	299	263
Other reasons ¹	1,091	893	1,154	1,097	1,085	1,136	945
Men							
Total not in labor force	21,361	21,267	21,049	20,950	20,840	21,009	20,953
Do not want a job now	19,393	19,529	19,087	19,027	18,941	19,169	19,221
Want a job now	1,968	1,737	2,005	1,946	1,913	2,015	1,765
Reason not looking: School attendance	702	584	701	656	634	735	583
Ill health, disability	382	434	373	412	448	476	431
Think cannot get a job	436	367	455	405	401	349	377
Other reasons ¹	448	352	476	473	430	455	374
Women							
Total not in labor force	41,495	41,392	41,762	41,614	41,579	41,559	41,670
Do not want a job now	38,192	38,124	38,419	38,205	38,066	38,456	38,356
Want a job now	3,303	3,268	3,434	3,357	3,410	3,448	3,411
Reason not looking: School attendance	685	631	707	636	652	712	663
Ill health, disability	406	470	409	475	484	412	476
Home responsibilities	1,083	1,186	1,140	1,176	1,154	1,175	1,251
Think cannot get a job	487	440	500	447	464	468	450
Other reasons	643	541	678	624	655	681	571
White							
Total not in labor force	53,352	53,040	53,267	53,049	52,920	53,052	52,955
Do not want a job now	49,591	49,523	49,349	49,263	49,109	49,310	49,286
Want a job now	3,761	3,562	3,872	3,850	3,769	3,785	3,659
Reason not looking: School attendance	905	810	926	901	893	983	831
Ill health, disability	548	628	550	672	643	599	634
Home responsibilities	796	868	824	805	815	801	899
Think cannot get a job	663	555	646	583	535	525	531
Other reasons ¹	849	701	925	889	883	878	764
Black							
Total not in labor force	7,472	7,601	7,468	7,464	7,532	7,547	7,601
Do not want a job now	6,190	6,323	6,154	6,145	6,275	6,032	6,281
Want a job now	1,282	1,278	1,297	1,309	1,314	1,558	1,295
Reason not looking: School attendance	393	349	385	332	315	427	343
Ill health, disability	214	267	210	207	243	288	265
Home responsibilities	257	290	280	338	269	354	313
Think cannot get a job	212	223	221	255	317	263	232
Other reasons ¹	207	150	200	177	169	226	142

¹ Includes small number of men not looking for work because of "home responsibilities."

NOTE: Detail may not add to not-in-labor force totals because of the

weighting procedures. Seasonally adjusted data have been revised based on the experience through December 1989.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-1. Employees on nonagricultural payrolls by industry

(In thousands)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Dec. 1988	Oct. 1989	Nov. 1989 ^p	Dec. 1989 ^p	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989 ^p	Dec. 1989 ^p
Total	107,917	109,975	110,328	110,379	107,097	108,887	109,096	109,171	109,393	109,535
Total private	90,098	91,904	92,100	92,206	89,574	91,083	91,230	91,328	91,567	91,675
Goods-producing industries	25,487	25,976	25,843	25,522	25,513	25,694	25,614	25,603	25,607	25,543
Mining	714	740	744	737	711	729	730	731	737	736
Oil and gas extraction	398.7	412.4	418.4	417.6	394	405	408	409	414	413
Construction	5,148	5,591	5,499	5,258	5,213	5,321	5,325	5,335	5,360	5,322
General building contractors	1,380.3	1,444.3	1,426.0	1,396.6	1,380	1,403	1,396	1,386	1,391	1,397
Manufacturing	19,625	19,645	19,600	19,527	19,589	19,644	19,559	19,537	19,510	19,485
Production workers	13,420	13,409	13,365	13,307	13,385	13,401	13,319	13,307	13,279	13,272
Durable goods	11,601	11,501	11,488	11,450	11,565	11,551	11,480	11,457	11,436	11,409
Production workers	7,765	7,659	7,648	7,620	7,730	7,696	7,632	7,615	7,597	7,584
Lumber and wood products	769.7	774.3	767.2	755.6	780	763	759	764	766	764
Furniture and fixtures	537.3	529.7	530.2	525.2	532	529	528	525	524	520
Stone, clay, and glass products	600.6	607.7	605.7	592.9	607	601	597	600	601	599
Primary metal industries	786.6	774.8	772.3	771.9	785	786	777	776	772	770
Blast furnaces and basic steel products	276.1	269.3	267.4	268.1	276	276	273	271	268	268
Fabricated metal products	1,457.7	1,442.2	1,439.4	1,435.0	1,449	1,443	1,438	1,434	1,431	1,426
Machinery, except electrical	2,130.0	2,134.3	2,143.2	2,149.3	2,126	2,152	2,147	2,139	2,145	2,143
Electrical and electronic equipment	2,079.0	2,026.3	2,021.9	2,011.3	2,067	2,034	2,023	2,018	2,012	1,999
Transportation equipment	2,083.8	2,033.3	2,032.6	2,037.7	2,063	2,068	2,038	2,031	2,018	2,018
Motor vehicles and equipment	882.2	836.0	832.0	835.9	867	873	843	833	823	823
Instruments and related products	769.4	778.6	778.3	779.8	767	782	780	779	778	777
Miscellaneous manufacturing	387.3	400.1	396.8	391.7	389	393	393	391	389	393
Nondurable goods	8,024	8,144	8,112	8,077	8,024	8,093	8,079	8,080	8,074	8,076
Production workers	5,655	5,750	5,717	5,687	5,655	5,705	5,687	5,692	5,682	5,688
Food and kindred products	1,635.7	1,721.7	1,687.6	1,658.3	1,646	1,667	1,674	1,676	1,669	1,668
Tobacco manufactures	59.4	54.1	52.9	54.2	56	52	51	51	51	51
Textile mill products	725.3	727.1	724.4	722.3	724	727	723	724	722	721
Apparel and other textile products	1,090.4	1,092.6	1,090.6	1,085.2	1,090	1,095	1,088	1,084	1,084	1,086
Paper and allied products	697.1	698.2	698.5	699.5	696	700	697	697	697	698
Printing and publishing	1,595.6	1,610.2	1,622.6	1,625.6	1,588	1,611	1,612	1,612	1,616	1,618
Chemicals and allied products	1,076.5	1,095.0	1,095.4	1,099.1	1,079	1,097	1,095	1,096	1,098	1,102
Petroleum and coal products	159.8	165.0	163.9	160.3	162	163	163	164	164	162
Rubber and misc. plastics products	841.7	838.8	836.3	833.0	840	841	837	837	835	831
Leather and leather products	142.9	141.1	139.6	139.3	143	140	139	139	138	139
Service-producing industries	82,430	83,999	84,485	84,857	81,584	83,193	83,482	83,568	83,786	83,992
Transportation and public utilities	5,680	5,777	5,786	5,864	5,634	5,618	5,709	5,729	5,745	5,818
Transportation	3,471	3,616	3,630	3,651	3,421	3,539	3,546	3,566	3,587	3,601
Communication and public utilities	2,209	2,161	2,156	2,213	2,213	2,079	2,163	2,163	2,158	2,217
Wholesale trade	6,128	6,302	6,307	6,314	6,125	6,256	6,264	6,278	6,297	6,311
Durable goods	3,626	3,725	3,737	3,748	3,626	3,708	3,717	3,721	3,737	3,748
Nondurable goods	2,502	2,577	2,570	2,566	2,499	2,548	2,547	2,557	2,560	2,563
Retail trade	19,954	19,718	20,021	20,344	19,328	19,621	19,632	19,679	19,725	19,713
General merchandise stores	2,758.9	2,489.9	2,641.3	2,768.9	2,460	2,484	2,486	2,478	2,478	2,470
Food stores	3,248.7	3,327.4	3,371.9	3,415.7	3,182	3,293	3,294	3,321	3,335	3,345
Automotive dealers and service stations	2,124.1	2,176.0	2,164.8	2,151.8	2,136	2,152	2,157	2,169	2,169	2,163
Eating and drinking places	6,286.8	6,409.0	6,378.3	6,393.8	6,328	6,385	6,397	6,403	6,417	6,432
Finance, insurance, and real estate	6,726	6,834	6,849	6,867	6,744	6,836	6,852	6,851	6,872	6,885
Finance	3,304	3,332	3,346	3,356	3,307	3,336	3,343	3,345	3,356	3,359
Insurance	2,109	2,130	2,138	2,145	2,110	2,137	2,137	2,134	2,140	2,145
Real estate	1,313	1,372	1,365	1,366	1,327	1,363	1,372	1,372	1,376	1,381
Services	26,123	27,297	27,294	27,295	26,230	27,058	27,159	27,188	27,321	27,405
Business services	5,744.5	5,885.1	5,878.0	5,886.5	5,715	5,800	5,836	5,827	5,843	5,857
Health services	7,350.1	7,777.8	7,827.4	7,873.7	7,359	7,695	7,739	7,778	7,835	7,882
Government	17,819	18,071	18,228	18,173	17,523	17,804	17,866	17,843	17,826	17,860
Federal	2,981	2,969	2,966	2,976	2,981	2,999	2,984	2,978	2,978	2,976
State	4,168	4,257	4,288	4,282	4,085	4,154	4,182	4,153	4,163	4,174
Local	10,670	10,845	10,974	10,935	10,457	10,651	10,688	10,706	10,685	10,710

^p = preliminary.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

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

Industry	Not seasonally adjusted				Seasonally adjusted					
	Dec. 1988	Oct. 1989	Nov. 1989 ^a	Dec. 1989 ^a	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989 ^a	Dec. 1989 ^a
Total private	34.9	34.8	34.5	34.6	34.7	34.6	34.7	34.7	34.6	34.5
Mining	42.8	43.9	43.5	43.7	(²)	(²)	(²)	(²)	(²)	(²)
Construction	37.3	39.2	38.0	37.1	(²)	(²)	(²)	(²)	(²)	(²)
Manufacturing	41.7	40.9	41.0	41.3	41.0	41.0	41.0	40.8	40.7	40.7
Overtime hours	4.2	3.9	3.9	4.0	3.9	3.8	3.8	3.7	3.7	3.7
Durable goods	42.5	41.4	41.5	42.0	41.7	41.6	41.6	41.2	41.2	41.2
Overtime hours	4.5	3.9	3.9	4.1	4.1	3.9	3.9	3.8	3.7	3.7
Lumber and wood products	40.4	40.6	39.9	39.9	40.3	40.2	40.2	40.4	40.1	39.8
Furniture and fixtures	40.5	39.9	39.7	40.2	39.4	39.6	39.6	39.2	39.3	39.1
Stone, clay, and glass products	42.2	42.9	42.4	41.6	42.4	42.5	42.2	42.3	42.3	41.7
Primary metal industries	44.1	42.4	42.6	43.1	43.5	42.9	42.8	42.5	42.4	42.5
Blast furnaces and basic steel products	44.2	42.5	42.6	43.4	43.8	43.4	42.9	42.8	42.6	43.0
Fabricated metal products	42.7	41.6	41.8	41.9	41.8	41.5	41.6	41.5	41.4	41.0
Machinery, except electrical	43.5	42.0	42.4	43.1	42.5	42.2	42.3	42.0	42.1	42.1
Electrical and electronic equipment	41.8	41.0	41.2	41.6	40.8	40.9	41.1	40.9	40.8	40.6
Transportation equipment	43.5	41.3	41.4	42.9	42.8	42.7	42.8	41.2	40.9	42.2
Motor vehicles and equipment	44.5	43.0	42.8	42.7	43.7	43.0	43.4	42.9	42.3	42.0
Instruments and related products	42.0	41.1	41.6	41.9	41.1	41.1	41.0	41.1	41.2	41.0
Miscellaneous manufacturing	39.7	39.7	40.3	40.2	39.0	39.4	39.2	39.3	39.8	39.5
Nondurable goods	40.5	40.3	40.4	40.4	40.0	40.2	40.2	40.2	40.1	39.9
Overtime hours	3.8	3.9	3.8	3.8	3.6	3.6	3.7	3.7	3.6	3.6
Food and kindred products	40.8	41.1	41.2	41.2	40.2	40.8	41.0	40.8	40.8	40.6
Tobacco manufactures	39.9	40.2	39.0	37.0	(²)	(²)	(²)	(²)	(²)	(²)
Textile mill products	41.0	40.9	40.8	40.7	40.5	41.0	40.6	40.7	40.4	40.3
Apparel and other textile products	37.2	37.1	37.2	36.7	36.8	37.0	37.0	36.9	36.9	36.3
Paper and allied products	44.0	43.5	43.7	44.0	43.2	43.5	43.2	43.4	43.4	43.2
Printing and publishing	38.4	37.9	38.1	38.3	37.8	37.7	37.9	37.8	37.9	37.7
Chemicals and allied products	42.9	42.3	42.7	43.4	42.3	42.4	42.5	42.4	42.4	42.8
Petroleum and coal products	44.3	45.1	44.5	42.5	(²)	(²)	(²)	(²)	(²)	(²)
Rubber and misc. plastics products	42.1	41.5	41.6	41.7	41.4	41.5	41.5	41.4	41.3	41.0
Leather and leather products	38.3	37.9	37.4	38.3	37.7	38.1	38.1	37.7	37.4	37.8
Transportation and public utilities	39.5	39.4	39.1	39.3	39.4	39.0	39.3	39.3	39.1	39.3
Wholesale trade	38.2	38.3	38.1	38.2	38.1	38.0	38.1	38.1	38.1	38.0
Retail trade	29.6	28.9	28.6	29.0	29.1	28.8	28.8	29.0	28.8	28.5
Finance, insurance, and real estate	35.8	36.1	35.7	35.8	(²)	(²)	(²)	(²)	(²)	(²)
Services	32.6	32.8	32.6	32.5	32.7	32.6	32.7	32.8	32.6	32.6

¹ Data relate to production workers in mining and manufacturing; to construction workers in construction; and to nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services. These groups account for approximately four-fifths of the total 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.

^a = preliminary.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-3. Average hourly and weekly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry

Industry	Average hourly earnings				Average weekly earnings			
	Dec. 1988	Oct. 1989	Nov. 1989 ^p	Dec. 1989 ^p	Dec. 1988	Oct. 1989	Nov. 1989 ^p	Dec. 1989 ^p
Total private	\$9.46	\$9.81	\$9.81	\$9.85	\$330.15	\$341.39	\$338.45	\$340.81
Seasonally adjusted	9.45	9.78	9.78	9.84	327.92	339.37	338.39	339.48
Mining	13.03	13.10	13.12	13.28	557.68	575.09	570.72	580.34
Construction	13.19	13.52	13.52	13.68	491.99	529.98	513.76	507.53
Manufacturing	10.37	10.52	10.58	10.67	432.43	430.27	433.78	440.67
Durable goods	10.90	11.06	11.10	11.21	463.25	457.88	460.65	470.82
Lumber and wood products	8.76	8.99	9.00	8.98	353.90	364.99	359.10	358.30
Furniture and fixtures	8.06	8.39	8.40	8.39	326.43	334.76	333.48	337.28
Stone, clay, and glass products	10.57	10.82	10.87	10.87	446.05	464.18	460.89	452.19
Primary metal industries	12.26	12.43	12.50	12.49	540.67	527.03	532.50	538.32
Blast furnaces and basic steel products	14.07	14.40	14.47	14.33	621.89	612.00	616.42	621.92
Fabricated metal products	10.44	10.57	10.61	10.71	445.79	439.71	443.50	448.75
Machinery, except electrical	11.24	11.43	11.48	11.62	488.94	480.06	486.75	500.82
Electrical and electronic equipment	10.29	10.43	10.47	10.52	430.12	427.63	431.36	437.63
Transportation equipment	13.59	13.84	13.85	14.06	591.17	571.59	573.39	603.17
Motor vehicles and equipment	14.23	14.45	14.44	14.61	633.24	621.35	618.03	623.85
Instruments and related products	10.13	10.35	10.37	10.52	425.46	425.39	431.39	440.79
Miscellaneous manufacturing	8.20	8.38	8.49	8.61	325.54	332.69	342.15	346.12
Nondurable goods	9.61	9.80	9.86	9.92	389.21	394.94	398.34	400.77
Food and kindred products	9.25	9.27	9.38	9.48	377.40	381.00	386.46	390.58
Tobacco manufactures	14.31	14.91	15.02	15.26	570.97	599.38	585.78	564.62
Textile mill products	7.52	7.77	7.82	7.86	308.32	317.79	319.06	319.90
Apparel and other textile products	6.29	6.39	6.44	6.48	233.99	237.07	239.57	237.82
Paper and allied products	11.81	11.97	12.07	12.03	519.64	520.70	527.46	529.32
Printing and publishing	10.70	11.04	11.04	11.12	410.88	418.42	420.62	425.90
Chemicals and allied products	12.90	13.25	13.26	13.28	553.41	560.48	566.20	576.35
Petroleum and coal products	15.21	15.63	15.64	15.64	673.80	704.91	695.98	664.70
Rubber and misc. plastics products	9.31	9.47	9.50	9.57	391.95	393.01	395.20	399.07
Leather and leather products	6.44	6.64	6.67	6.57	246.65	251.66	249.46	251.63
Transportation and public utilities	12.42	12.69	12.71	12.74	490.59	499.99	496.96	500.68
Wholesale trade	10.14	10.50	10.55	10.60	387.35	402.15	401.96	404.92
Retail trade	6.43	6.62	6.63	6.65	190.33	191.32	189.62	192.85
Finance, insurance, and real estate	9.32	9.71	9.69	9.76	333.66	350.53	345.93	349.41
Services	9.16	9.59	9.61	9.70	298.62	314.55	313.29	315.25

¹ See footnote 1, table B-2.^p = preliminary.**Table B-4. Average hourly earnings of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry, seasonally adjusted**

Industry	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989 ^p	Dec. 1989 ^p	Percent change from: Nov. 1989 ^p Dec. 1989
Total private ² :							
Current dollars	\$9.45	\$9.69	\$9.74	\$9.78	\$9.78	\$9.84	0.6
Constant (1977) dollars ³	4.82	4.79	4.81	4.81	4.79	N.A.	(*)
Construction	13.15	13.37	13.39	13.44	13.53	\$13.64	.8
Manufacturing	10.31	10.52	10.55	10.55	10.57	10.61	.4
Excluding overtime ⁵	9.85	10.05	10.08	10.08	10.11	10.14	.3
Transportation and public utilities	12.36	12.57	12.67	12.68	12.65	12.69	.3
Wholesale trade	10.11	10.39	10.47	10.54	10.54	10.57	.3
Retail trade	6.43	6.57	6.58	6.61	6.60	6.64	.6
Finance, insurance, and real estate	9.35	9.57	9.66	9.77	9.67	9.79	1.2
Services	9.10	9.43	9.49	9.58	9.54	9.63	.9

¹ See footnote 1, table B-2.² Includes mining, not shown separately, because its seasonal component is too small to be separated out with sufficient precision.³ The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate this series.⁴ Change was -0.4 percent from October to November 1989, the latest month available.⁵ Derived by assuming that overtime hours are paid at the rate of time and one-half.

N.A. = not available.

^p = preliminary.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

Table B-5. Indexes of aggregate weekly hours of production or nonsupervisory workers¹ on private nonagricultural payrolls by industry

(1977=100)

Industry	Not seasonally adjusted				Seasonally adjusted					
	Dec. 1988	Oct. 1989	Nov. 1989 ^p	Dec. 1989 ^p	Dec. 1988	Aug. 1989	Sept. 1989	Oct. 1989	Nov. 1989 ^p	Dec. 1989 ^p
Total private	128.3	130.6	129.8	130.1	126.8	128.5	128.9	129.2	129.0	128.6
Goods-producing industries	103.2	105.4	104.0	102.3	102.3	103.3	102.8	102.4	102.4	101.4
Mining	81.8	87.6	87.5	86.4	80.2	84.4	85.3	85.5	85.8	84.5
Construction	135.4	156.5	148.7	136.6	139.4	143.5	143.1	143.8	145.6	140.5
Manufacturing	98.0	96.3	96.2	96.4	96.2	96.4	95.8	95.2	94.9	94.6
Durable goods	96.8	93.1	93.2	93.9	94.6	94.0	93.3	92.2	91.9	91.8
Lumber and wood products	105.3	106.3	103.2	101.5	106.2	103.6	103.0	104.2	103.6	102.3
Furniture and fixtures	117.2	112.9	112.5	113.0	112.6	111.9	111.6	109.9	109.7	108.3
Stone, clay, and glass products	89.4	92.3	90.9	86.4	91.0	90.2	88.8	89.6	90.0	87.8
Primary metal industries	70.0	65.8	65.8	66.5	68.8	67.6	66.7	65.9	65.4	65.4
Blast furnaces and basic steel products	54.0	50.1	49.8	51.0	53.1	53.0	51.9	51.1	50.3	50.8
Fabricated metal products	94.7	90.5	90.7	90.6	92.1	90.4	90.0	89.7	89.2	88.1
Machinery, except electrical	94.9	91.9	93.4	95.7	92.5	93.2	93.1	92.0	92.8	93.1
Electrical and electronic equipment	103.6	98.2	98.5	99.0	100.2	98.0	98.0	97.1	96.6	95.7
Transportation equipment	103.6	94.6	94.4	98.2	100.3	100.5	98.5	94.3	92.5	95.4
Motor vehicles and equipment	95.2	85.3	84.8	84.8	89.9	90.1	87.0	84.7	82.5	81.9
Instruments and related products	117.5	115.9	117.4	118.9	114.5	115.8	115.8	116.1	116.1	115.5
Miscellaneous manufacturing	85.8	89.2	89.9	88.0	84.7	86.8	85.8	86.0	86.5	87.0
Nondurable goods	99.9	101.0	100.6	100.1	98.4	99.9	99.7	99.6	99.3	98.8
Food and kindred products	102.3	110.5	107.8	105.1	101.5	105.2	106.2	105.9	105.3	104.5
Tobacco manufactures	83.1	77.0	72.8	71.4	76.7	68.7	69.0	67.6	66.9	64.5
Textile mill products	80.6	80.3	79.6	79.2	79.5	80.4	79.1	79.5	78.6	78.5
Apparel and other textile products	85.0	85.2	85.2	83.7	84.2	84.9	84.5	84.0	83.9	82.9
Paper and allied products	104.0	103.1	103.7	104.9	102.1	103.4	101.9	102.8	102.8	102.7
Printing and publishing	140.6	138.4	140.6	142.0	137.4	138.3	138.7	138.3	139.3	138.7
Chemicals and allied products	100.6	101.2	102.0	104.5	99.4	101.8	101.5	101.8	101.9	103.5
Petroleum and coal products	82.0	87.1	85.9	78.9	82.7	83.4	84.1	85.6	85.7	80.1
Rubber and misc. plastics products	121.0	118.5	118.3	118.1	118.6	119.3	118.4	118.1	117.1	115.8
Leather and leather products	56.0	54.9	53.7	54.7	55.2	54.8	54.8	53.8	52.9	53.9
Service-producing industries	142.1	144.6	144.0	145.5	140.3	142.4	143.3	144.0	143.7	143.6
Transportation and public utilities	116.9	118.9	117.9	120.1	115.5	113.7	116.8	117.4	117.0	119.2
Wholesale trade	125.2	129.1	128.5	128.4	124.9	127.3	127.6	128.0	128.2	127.9
Retail trade	133.5	128.3	129.2	133.3	126.7	127.5	127.5	128.4	128.1	126.5
Finance, insurance, and real estate	140.9	144.7	143.0	143.8	141.2	143.3	143.8	145.0	143.7	144.3
Services	164.4	172.9	171.5	171.2	165.8	170.4	171.4	172.2	171.8	172.2

¹ See footnote 1, table B-2.^p = preliminary.

ESTABLISHMENT DATA

ESTABLISHMENT DATA

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 ¹												
Over 1-month span:												
1987	55.6	59.3	61.0	61.9	58.6	59.7	65.3	60.6	63.0	67.8	64.5	60.7
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	^P 59.3	^P 63.3
Over 3-month span:												
1987	60.7	62.0	66.6	65.2	65.8	65.9	67.8	71.1	71.2	72.3	70.9	65.9
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	^P 54.4	^P 58.5	
Over 6-month span:												
1987	67.3	65.8	64.8	66.8	67.6	69.5	71.3	73.5	73.2	71.5	71.8	72.2
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	^P 59.6	^P 55.2			
Over 12-month span:												
1987	66.6	68.2	68.2	71.8	71.9	72.5	72.2	74.1	75.4	72.5	73.8	76.9
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	^P 65.5	^P 63.0						
Manufacturing payrolls, 141 industries ¹												
Over 1-month span:												
1987	44.3	53.9	54.3	55.7	55.3	54.3	62.8	59.9	63.8	59.9	65.6	56.4
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	^P 46.5	^P 45.0
Over 3-month span:												
1987	52.1	51.4	59.6	61.3	58.5	62.8	67.0	71.6	68.4	70.6	67.7	64.5
1988	63.1	61.0	62.4	64.9	67.4	67.0	64.5	58.2	62.1	^P 66.7	^P 71.3	70.9
1989	67.4	63.8	55.7	51.8	49.3	48.6	47.9	34.0	41.8	^P 40.1	^P 47.2	
Over 6-month span:												
1987	57.4	56.7	55.3	62.4	64.9	67.0	67.4	70.6	71.3	69.5	69.5	68.1
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	^P 41.1	^P 35.5			
Over 12-month span:												
1987	55.3	58.5	58.5	63.5	66.3	67.4	71.6	72.7	71.6	69.1	68.4	72.3
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	^P 47.5	^P 43.3						

¹ 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.