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May 2000

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## Calendar of Features

In addition to the monthly data appearing regularly in *Employment & Earnings*, special features appear in most of the issues as shown below.

### Household data

Revised seasonally adjusted series Jan.

Annual averages Jan.

Earnings by detailed occupation Jan.

Union affiliation Jan.

Minimum wage data Jan.

Employee absences Jan.

Quarterly averages: Seasonally adjusted data,  
persons of Hispanic origin, Vietnam-era veterans  
and nonveterans, and weekly earnings data Jan., Apr., July, Oct.

### Establishment data

National annual averages:

Industry divisions (preliminary) Jan.

Industry detail March, June

Women employees March, June

National data revised to reflect new benchmarks  
and new seasonal adjustment factors June

State and area annual averages May

Area definitions May

### Region, State, and area labor force data

Annual averages May

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# Employment & Earnings

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## Note on Temporary Census Workers

The hiring of temporary workers for Census 2000 affects current levels of Federal Government employment and higher aggregates that include the Federal Government. Estimates of these workers are 32,000, 72,000, 189,000, and 262,000 in January, February, March, and April 2000, respectively. Preliminary employment estimates ("B" tables) that include these workers may be subject to larger than normal revisions. For additional information, see "Counting the counters: effects of Census 2000 on employment" in the February 2000 issue of the *Monthly Labor Review*.

# Employment and Unemployment Developments, April 2000

**E**mployment rose in April, and the unemployment rate edged down to 3.9 percent. Nonfarm payroll employment increased by 340,000; this includes 73,000 temporary workers added to assist with the decennial census. Average hourly earnings rose by 6 cents in April and by 3.8 percent over the year.

## Unemployment

The unemployment rate, which has been below 4.2 percent since October, edged down to 3.9 percent in April. This is the first time the rate has been below 4.0 percent since January 1970. The jobless rate for Hispanics decreased to 5.4 percent in April. The unemployment rates for the other major worker groups—adult men (3.2 percent), adult women (3.5 percent), teenagers (12.7 percent), whites (3.5 percent), and blacks (7.2 percent)—were about unchanged over the month. The number of unemployed persons was 5.5 million. (See tables A-3 and A-4.)

## Total employment and the labor force

The civilian labor force increased by 363,000 over the month to 141.2 million. The labor force participation rate was 67.5 percent, little changed from March. (See table A-3.)

Total employment rose by 547,000 in April to 135.7 million. The employment-population ratio—the proportion of the population age 16 and older with jobs—increased to 64.9 percent, a record high.

About 7.7 million workers (not seasonally adjusted) held more than one job in April, about the same as a year earlier. These multiple jobholders represented 5.7 percent of total employment. (See table A-37.)

## Persons not in the labor force

About 1.2 million persons (not seasonally adjusted) were marginally attached to the labor force in April. These people wanted and were available to work and had looked for a job sometime in the prior 12 months. They were not counted as unemployed, however, because they had not actively searched for work in the 4 weeks preceding the survey. The number of discouraged workers was 330,000, up from 245,000 a year earlier. Discouraged workers, a subset of the marginally attached, were not currently looking for work specifically because they believed no jobs were available for them. (See table A-36.)

## Industry payroll employment

Nonfarm payroll employment rose by 340,000 in April to 131.1 million. This follows an increase of 458,000 (as revised) in March. Job gains in both months reflect, in part, the hiring of temporary workers for Census 2000—117,000 in March and 73,000 in April. Among private-sector industries, large job gains occurred in services and retail trade in April, while construction employment declined. (See table B-3.)

Employment in the services industry grew by 121,000 in April, in line with its average monthly gain for the prior 12 months. Business services added 55,000 jobs in April, following a similarly strong gain in March. Within business services, help supply services added 46,000 jobs over the month, bringing its total gain since January to 94,000. Employment in computer services grew by 8,000; while still adding jobs at a rapid pace, the industry has experienced smaller employment gains since August 1999. Motion pictures rebounded from losses in the prior 2 months by adding 9,000 jobs. Employment also rose over the month in amusement and recreation services and in hotels. Engineering and management services employment showed little change in April.

Retail trade added 119,000 jobs in April. The largest employment gains were in eating and drinking places (80,000) and food stores (20,000). Eating and drinking places had shown virtually no change in employment during the first quarter of the year; employment in food stores has had almost no growth for several years. Building materials and garden supplies stores lost 8,000 jobs in April, following an above-average gain in March. Employment in wholesale trade was little changed in April.

Transportation added 27,000 jobs over the month, with the largest increases in trucking and warehousing, local and interurban transit, and transportation services. The gain of 10,000 jobs in trucking follows relatively weak growth in the first quarter.

Finance, insurance, and real estate employment was up by 7,000 in April. In finance, security brokerages added 8,000 jobs, while employment declines continued in mortgage brokerages. Since May 1999, mortgage brokerages have lost 33,000 jobs. In April, employment in both insurance and real estate was about unchanged.

Government added 107,000 jobs in April, largely due to the hiring of an additional 73,000 temporary workers by the Federal Government for Census 2000. Employment in local education increased by 33,000 in April, after seasonal adjustment, following little growth in the first quarter.

In the goods-producing sector, construction employment declined by 55,000 in April, seasonally adjusted, following a substantial rise in March. Because the March survey reference period was relatively late in the month, some of the spring hiring that usually occurs between March and April was captured in March this year instead of April. Taking March and April together, construction employment rose by an average of 18,000 a month.

Manufacturing employment was up by 11,000 in April, following a somewhat larger loss in March (after adjustment for the return of 15,000 workers from strike). In April, the largest employment increase was in electrical equipment (8,000), which has added 21,000 jobs thus far in 2000. Fabricated metals and food products each added 5,000 jobs in April. Aircraft manufacturing employment continued on its downward trend with the loss of 4,000 jobs.

Mining added 4,000 jobs, as employment in oil and gas extraction continued to rise. Since its most recent low point

in August 1999, oil and gas employment has grown by 20,000.

### Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls edged up by 0.1 hour in April to 34.6 hours, seasonally adjusted. The manufacturing workweek increased by 0.4 hour to 42.1 hours. Manufacturing overtime rose by 0.3 hour to 4.9 hours. (See table B-8.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls increased by 0.5 percent to 151.5 (1982=100), seasonally adjusted. The manufacturing index was up by 1.1 percent to 107.2. (See table B-9.)

### Hourly and weekly earnings

Average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls rose by 6 cents in April to \$13.64, seasonally adjusted. Over the month, average weekly earnings increased by 0.7 percent to \$471.94. Over the year, average hourly earnings rose by 3.8 percent and average weekly earnings grew by 4.4 percent. (See table B-11.)

### Revisions in the Establishment Survey Data

With the release of May data in June, BLS will introduce revisions in the establishment-based series on nonfarm payroll employment, hours, and earnings to reflect the annual benchmark adjustments for March 1999 and updated seasonal adjustment factors. Unadjusted data since April 1998 and seasonally adjusted data since January 1995 are subject to revision. Seasonal adjustment factors for March through October 2000 will be available on the Internet at <http://stats.bls.gov/ceshome.htm> on May 26, one week prior to the release of the May estimates.

Concurrent with the release of the March 1999 benchmark revisions, BLS also will begin implementation of a new probability-based sample design for the establishment survey. Only wholesale trade will incorporate the new sample design with this release. Further information on these revisions is available by calling (202) 691-6555.

Scheduled Release Dates			
Employment and unemployment data are scheduled for initial release on the following dates:			
Reference month	Release date	Reference month	Release date
May	June 2	August	September 1
June	July 7	September	October 6
July	August 4	October	November 3



# Revisions in State Establishment-Based Employment Estimates Effective January 2000

Michele Eickman

**W**ith the release of estimates for January 2000, nonfarm payroll employment, hours, and earnings data for States and areas (tables B-7, B-14, and B-18) were revised to reflect the incorporation of March 1999 benchmarks, and the recomputation of seasonal adjustment factors (State estimates). The revisions affected all unadjusted data from April 1998 forward and the seasonally adjusted State estimates from January 1995 forward.

Detailed information on the effect of the benchmark on the employment estimates was not available, however, at the time the revisions were introduced. This article provides some background on benchmarking methods, detailed information on the effects of the March 1999 benchmark revisions, and some historical perspective.

## Benchmark methods

The Current Employment Statistics (CES), or establishment, survey is a Federal/State cooperative program that provides employment, hours, and earnings estimates for States and areas on a timely basis by estimating the number of jobs in the population from a sample of that population. As in other sample surveys, estimates in the CES are subject to both sampling and nonsampling error. Sampling error is an unavoidable byproduct of forming an inference about a population based on a sample. The larger the sample is relative to the population, the smaller the sampling error. The sample-to-population ratio varies across States and industries. Nonsampling error is not unique to sample surveys, as it includes errors in reporting and processing.

To help control for both sampling and nonsampling error, the estimates are benchmarked annually to universe employment counts. These counts are derived primarily from employment data reported on unemployment insurance (UI) tax reports that nearly all employers are required to file with State employment security agencies. Benchmark levels replace the original sample-based estimates from April of the previous year to March of the benchmark year for each month. For the current 1999 benchmark, estimates from April 1998 to March 1999 were replaced with UI-based universe counts. Once the new level for March 1999 had been determined, the appropriate sample links were applied to the new level, and the estimates were recalculated for April 1999 forward. The sample links capture the over-the-month

change of the sample estimates. A sample link for a given month is calculated by dividing employment reported by survey respondents for that month by employment reported by those same respondents for the previous month. The links used during the benchmark process may differ slightly from those used to derive the original estimates because they include data from respondents that reported too late for inclusion in the previously published estimates. This process was completed, and the revised data were released with the January 2000 estimates.

Improvements in the receipt of UI data and in the standardization of State operations have enabled nearly all States to replace estimates with UI data beyond March of the benchmark year. This use of more current UI data should reduce the error associated with the next March benchmark revision. In the March 1999 benchmark, 11 States used third-quarter 1999 UI data (that is, through, September 1999) in their benchmarking; 37 States and the District of Columbia used second-quarter 1999 UI data (through June 1999); and 1 State used first-quarter 1999 data (through March 1999). (Data for New Jersey were not benchmarked this year because universe counts were not available for that State.) Recalculated sample links were then applied to these new levels to derive revised estimates for months after the replacement quarter.

## Benchmark revisions

The percentage differences between March 1999 sample-based estimates and the revised March 1999 benchmark levels are commonly used to report the magnitude of the revisions. The average absolute percentage revision for State total nonfarm estimates was 0.5 percent for March 1999. Since 1995, average absolute percentage revisions for State total nonfarm employment have been consistently around the 0.5-percent level. The range of the percentage revisions for the States, at the total nonfarm level, was from -1.3 percent to 1.8 percent in 1999. Across the major industry divisions that make up total nonfarm employment, government had the lowest average absolute revision, 0.7 percent. Mining and construction had the highest revisions, with average absolute revisions of 5.3 and 2.5 percent, respectively. (See table 1.)

The direction of the revisions indicates whether the March 1999 benchmark levels were greater or less than the original sample-based estimates. Historically, State estimates have underestimated March employment levels during periods of economic growth and overestimated these levels

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during periods of economic decline. For the current benchmark, 26 States revised total nonfarm employment upward, while 21 States and the District of Columbia had downward revisions. (See table 2.) Two States had no revisions to their total nonfarm employment. This close balance between underestimation and overestimation of employment also is reflected by the mean 0.1-percent revision across all States for total nonfarm employment.

As the size of the CES sample for a particular estimate decreases, the benchmark revision will, on average, increase. This is reflected in the benchmark revisions for total nonfarm employment for the metropolitan statistical areas (MSAs). For MSAs published by the CES program, the range of percentage revisions is from -4.4 to 4.8 percent, with an average absolute revision of 1.0 percent. This compares with a range of -1.3 to 1.8 percent and an average absolute percentage revision of 0.5 percent at the State level. Grouping MSAs by size (as defined by total nonfarm employment) also demonstrates this pattern. Generally, as the size of the MSAs decreases, the range of percentage revisions increases, as does the average absolute percentage revision. (See table 3.) Metropolitan areas with 1,000,000 employees or more had an average absolute revision of 0.7 percent, while metropolitan areas with fewer than 100,000 employees had an average absolute revision of 1.2 percent.

### Seasonal adjustment

Coincident with the benchmark adjustments, seasonally adjusted employment data by State and major industry division were revised from 1995 forward to incorporate updated

seasonal adjustment factors. BLS uses a two-step seasonal adjustment process for adjusting State nonfarm payroll employment estimates. This process uses UI seasonal trends to adjust the benchmark historical data, but incorporates sample seasonal trends to adjust the current sample-based estimates in the post-benchmark months. By accounting for the differing seasonal patterns of the benchmark data and the sample-based estimates, this technique yields an improved seasonally adjusted series for analyzing over-the-month employment change. Revised seasonally adjusted nonfarm payroll employment data for all States and the District of Columbia for the 1995-99 period are available on the Internet. Data for the most recent 13 months are regularly shown in table B-7.

### Additional information

State and area annual averages for 1997-99 by major industry are published in this issue, along with a detailed listing of the area definitions. Historical State and area employment, hours, and earnings data are available at <http://stats.bls.gov/datahome.htm>, the BLS Internet site. Users may access the data via Anonymous FTP, Series Report, or Selective Access at this address. Any questions on how to access the data through the Internet should be directed to (202) 691-7351. Inquiries for additional information on the methods or estimates derived from the CES survey should be sent to: U.S. Bureau of Labor Statistics, Room 4860, 2 Massachusetts Ave., NE, Washington, DC 20212-0001. The telephone number is (202) 691-6559; Fax (202) 691-6820. The e-mail address is [DATA\\_SA@bls.gov](mailto:DATA_SA@bls.gov)

Table 1. Differences between State employment estimates and benchmarks by industry, March 1994-99

Industry	1994	1995	1996	1997	1998	1999
Average absolute percentage differences						
Total nonfarm .....	0.8	0.5	0.5	0.4	0.5	0.5
Mining .....	4.7	6.0	3.3	4.2	3.1	5.3
Construction .....	4.1	3.1	2.8	2.4	2.5	2.5
Manufacturing .....	1.2	1.3	1.0	.8	.8	1.0
Transportation and public utilities ..	2.1	1.6	1.4	1.4	1.3	1.8
Wholesale and retail trade .....	1.2	1.0	1.3	.6	.8	.9
Finance, insurance, and real estate	2.1	1.7	1.4	1.3	1.5	1.8
Services .....	1.4	1.3	1.1	.9	1.0	1.1
Government .....	.7	1.0	1.1	.7	.9	.7
Average percentage revisions						
Total nonfarm:						
Range .....	-1.0 : 2.5	-1.7 : 1.5	-3.0 : 1.7	-1.3 : 1.3	-1.2 : 2.5	-1.3 : 1.8
Mean .....	.6	.4	-.2	.2	.1	.1
Standard deviation .....	.9	.9	.7	.5	.7	.6

NOTE: The range indicates the lowest and highest percentage revision at the total nonfarm level. The mean is the sum of all the items in a series divided by the number of items. The standard deviation is a widely used measure of dispersion. It measures the extent to which the individual items in a series are scattered about the mean of the series and indicates the reliability of the mean. For example, the March 1997 standard deviation (.5) is low, relative to March 1994 (.9). This is an indica-

tion that there is higher variation among State total nonfarm revisions in March 1994 (that is, the mean is less representative of the group) than in March 1997 (that is, the mean is more representative of the group). The standard deviation is found by taking the difference of each item in a series from the mean of the series, squaring each difference, summing the squared differences, dividing the result by the number of items, and obtaining the square root of that figure.

Table 2. Percent differences between nonfarm payroll employment benchmarks and estimates by State, March 1994-99

State	1994	1995	1996	1997	1998	1999
Alabama .....	0.6	1.1	0.1	0.6	0.3	-.9
Alaska .....	.7	-1.0	( <sup>1</sup> )	1.0	.7	-.6
Arizona .....	2.5	1.5	1.7	-.1	-.3	( <sup>1</sup> )
Arkansas .....	1.1	-.2	-.1	( <sup>1</sup> )	.2	.2
California .....	1.4	1.0	.3	-.2	-.2	( <sup>1</sup> )
Colorado .....	1.5	1.2	-.8	.6	.3	.8
Connecticut .....	.1	1.4	-.3	.4	.1	.2
Delaware .....	-.3	1.1	-.2	-.3	-.5	.2
District of Columbia .....	-.8	-.6	-.4	-.2	.6	-.1
Florida .....	.4	( <sup>1</sup> )	.2	.2	-.4	-.6
Georgia .....	.2	( <sup>1</sup> )	-.5	.5	-.1	.2
Hawaii .....	.6	.1	.5	.7	.1	.3
Idaho .....	-.6	-1.0	-.6	.5	.2	-.9
Illinois .....	.8	.6	-.6	.2	.1	-.2
Indiana .....	2.4	.7	-.1	.4	.4	-.2
Iowa .....	.2	.5	-.1	-.2	-.3	-.6
Kansas .....	-.1	( <sup>1</sup> )	-.7	-.5	-.1	-1.0
Kentucky .....	1.9	.4	( <sup>1</sup> )	( <sup>1</sup> )	-.1	.2
Louisiana .....	2.5	-1.7	-.3	-.1	-.3	-.8
Maine .....	.5	( <sup>1</sup> )	-.7	.4	.7	.6
Maryland .....	1.0	.9	.2	.5	1.4	.3
Massachusetts .....	-1.0	.2	-.1	.3	-.9	.1
Michigan .....	1.0	.3	.8	.7	-.3	-.8
Minnesota .....	( <sup>1</sup> )	.4	.4	-.4	.3	-.2
Mississippi .....	1.7	1.3	.4	.1	.5	1.1
Missouri .....	.1	-1.0	-.3	.9	.2	.1
Montana .....	.2	-.2	.2	-.1	-.1	( <sup>1</sup> )
Nebraska .....	2.2	.1	.9	-.3	-1.2	.7
Nevada .....	1.8	.6	-1.3	-.4	-1.1	1.8
New Hampshire .....	.1	-.1	.2	-1.3	2.5	.5
New Jersey .....	-.2	( <sup>1</sup> )	-.2	.4	-.1	( <sup>2</sup> )
New Mexico .....	.9	.3	-3.0	( <sup>1</sup> )	.7	-.5
New York .....	-.2	.5	-.3	.4	.9	.8
North Carolina .....	.1	.2	.3	( <sup>1</sup> )	-.4	.4
North Dakota .....	( <sup>1</sup> )	-.2	-.6	-.9	.1	( <sup>1</sup> )
Ohio .....	2.1	.7	-.4	.4	.2	.5
Oklahoma .....	1.0	.6	.2	-.3	1.0	-.7
Oregon .....	.5	-.6	-.2	-.1	-.9	-1.3
Pennsylvania .....	.3	.4	.1	-.3	.5	.7
Rhode Island .....	-.4	1.0	-1.4	.3	-.1	-.4
South Carolina .....	.1	.4	.1	1.1	-.2	-.1
South Dakota .....	.8	-.1	-2.0	.2	.1	.4
Tennessee .....	1.0	.4	-.8	.6	-.2	.5
Texas .....	-.1	( <sup>1</sup> )	-.5	1.3	.4	.1
Utah .....	-.1	.4	-.3	.8	-.7	( <sup>1</sup> )
Vermont .....	1.1	.2	-.3	-.6	1.1	-.4
Virginia .....	-.4	-.1	.1	.5	-.8	.6
Washington .....	( <sup>1</sup> )	-.4	.3	.6	.3	-.1
West Virginia .....	-.3	.1	-.2	-.2	-.2	-.3
Wisconsin .....	.8	.9	.5	-.4	-.2	1.0
Wyoming .....	1.3	.3	-1.1	.5	1.6	1.4

<sup>1</sup> Less than 0.05 percent.<sup>2</sup> Data for New Jersey will not be benchmarked this year, due to the unavailability of universe counts for that State.

Table 3. Benchmark revisions for total nonfarm employment in metropolitan areas, March 1999

Measure	All MSAs	MSAs grouped by level of total nonfarm employment			
		Less than 100,000	100,000 to 499,999	500,000 to 999,999	1 million or more
Number of MSAs .....	272	83	129	37	23
Average percentage revision .....	-0.05	-0.2	-0.02	0.1	0.2
Range .....	-4.4 : 4.8	-4.4 : 4.8	-4.4 : 3.9	-2.1 : 2.5	-2.0 : 1.9
Standard deviation .....	1.4	1.6	1.3	1.1	.9
Average absolute percentage revision .....	1.0	1.2	1.0	.8	.7

**Summary table A. Major labor force status categories, seasonally adjusted**

(Numbers in thousands)

Category	1999										2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
	Labor force status													
Civilian noninstitutional population .....	207,236	207,427	207,632	207,828	208,038	208,265	208,483	208,666	208,832	208,782	208,907	209,053	209,216	
Civilian labor force .....	139,086	139,013	139,332	139,336	139,372	139,475	139,697	139,834	140,108	140,910	141,165	140,867	141,230	
Percent of population .....	67.1	67.0	67.1	67.0	67.0	67.0	67.0	67.0	67.1	67.5	67.6	67.4	67.5	
Employed .....	133,054	133,190	133,398	133,399	133,530	133,650	133,940	134,098	134,420	135,221	135,362	135,159	135,706	
Percent of population .....	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.8	64.8	64.7	64.9	
Unemployed .....	6,032	5,823	5,934	5,937	5,842	5,825	5,757	5,736	5,688	5,689	5,804	5,708	5,524	
Not in labor force .....	68,150	68,414	68,300	68,492	68,666	68,790	68,786	68,832	68,724	67,872	67,742	68,187	67,986	
	Unemployment rates													
All workers .....	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.1	4.1	3.9	
Men, 20 years and over .....	3.5	3.6	3.5	3.5	3.5	3.4	3.5	3.3	3.3	3.3	3.4	3.3	3.2	
Women, 20 years and over .....	4.0	3.7	3.8	3.9	3.7	3.7	3.5	3.6	3.6	3.7	3.5	3.6	3.5	
Both sexes, 16 to 19 years .....	14.1	13.1	13.6	13.2	13.5	14.6	13.8	14.0	13.8	12.6	14.1	13.3	12.7	
White .....	3.8	3.7	3.8	3.7	3.7	3.6	3.5	3.5	3.5	3.4	3.6	3.6	3.5	
Black .....	7.8	7.6	7.6	8.6	7.8	8.3	8.3	8.0	7.9	8.2	7.8	7.3	7.2	
Hispanic origin .....	6.8	6.7	6.6	6.3	6.5	6.6	6.3	6.1	5.9	5.6	5.7	6.3	5.4	

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**Summary table B. Employment, hours, and earnings of production or nonsupervisory workers on nonfarm payrolls, seasonally adjusted**

(Numbers in thousands)

Industry	1999										2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>P</sup>	
	Employment													
Total .....	128,134	128,162	128,443	128,816	128,945	129,048	129,332	129,589	129,898	130,292	130,319	130,777	131,117	
Total private .....	108,035	108,085	108,338	108,663	108,735	108,830	109,095	109,320	109,583	109,927	109,937	110,237	110,470	
Goods-producing industries .....	25,288	25,199	25,180	25,247	25,148	25,186	25,198	25,257	25,283	25,410	25,382	25,471	25,431	
Mining .....	538	531	526	528	524	527	528	527	529	530	532	536	540	
Construction .....	6,277	6,239	6,258	6,270	6,246	6,293	6,314	6,369	6,393	6,504	6,484	6,574	6,519	
Manufacturing .....	18,473	18,429	18,396	18,449	18,378	18,366	18,356	18,361	18,361	18,376	18,366	18,361	18,372	
Service-producing industries .....	102,846	102,963	103,263	103,569	103,797	103,862	104,134	104,332	104,615	104,882	104,937	105,306	105,686	
Transportation and public utilities .....	6,750	6,758	6,781	6,799	6,813	6,831	6,841	6,862	6,897	6,902	6,898	6,914	6,937	
Wholesale trade .....	6,965	6,977	6,993	7,012	7,031	7,041	7,064	7,070	7,088	7,108	7,121	7,142	7,145	
Retail trade .....	22,724	22,748	22,796	22,903	22,888	22,862	22,891	22,902	22,973	23,018	23,016	23,041	23,160	
Finance, insurance, and real estate .....	7,611	7,621	7,636	7,647	7,650	7,653	7,668	7,675	7,685	7,685	7,698	7,689	7,696	
Services .....	38,697	38,782	38,952	39,055	39,205	39,257	39,433	39,554	39,657	39,804	39,822	39,980	40,101	
Government .....	20,099	20,077	20,105	20,153	20,210	20,218	20,237	20,269	20,315	20,365	20,382	20,540	20,647	
	Over-the-month change													
Total .....	321	28	281	373	129	103	284	257	309	394	27	458	340	
Total private .....	309	50	253	325	72	95	265	225	263	344	10	300	233	
Goods-producing industries .....	3	-89	-19	67	-99	38	12	59	26	127	-28	89	-40	
Mining .....	-12	-7	-5	2	-4	3	1	-1	2	1	2	4	4	
Construction .....	45	-38	19	12	-24	47	21	55	24	111	-20	90	-55	
Manufacturing .....	-30	-44	-33	53	-71	-12	-10	5	0	15	-10	-5	11	
Service-producing industries .....	318	117	300	306	228	65	272	198	283	267	55	369	380	
Transportation and public utilities .....	18	8	23	18	14	18	10	21	35	5	-4	16	23	
Wholesale trade .....	18	12	16	19	19	10	23	6	18	20	13	21	3	
Retail trade .....	113	24	48	107	-15	-26	29	11	71	45	-2	25	119	
Finance, insurance, and real estate .....	16	10	15	11	3	3	15	7	10	0	13	-9	7	
Services .....	141	85	170	103	150	52	176	121	103	147	18	158	121	
Government .....	12	-22	28	48	57	8	19	32	46	50	17	158	107	
	Hours of work <sup>1</sup>													
Total private .....	34.4	34.4	34.5	34.5	34.5	34.4	34.5	34.5	34.5	34.6	34.5	34.5	34.6	
Manufacturing .....	41.6	41.7	41.7	41.9	41.8	41.8	41.8	41.7	41.6	41.7	41.8	41.7	42.1	
Overtime .....	4.3	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.7	4.8	4.6	4.9	
	Indexes of aggregate weekly hours (1982=100) <sup>1</sup>													
Total private .....	147.0	147.2	147.8	148.3	148.4	148.2	148.8	149.2	149.4	150.3	150.1	150.7	151.5	
Manufacturing .....	106.5	106.5	106.3	107.3	106.4	106.4	106.2	106.0	105.7	106.3	106.4	106.0	107.2	
	Earnings <sup>1</sup>													
Average hourly earnings, total private:														
Current dollars .....	\$13.14	\$13.18	\$13.24	\$13.28	\$13.29	\$13.35	\$13.39	\$13.40	\$13.44	\$13.49	\$13.54	\$13.58	\$13.64	
Constant (1982) dollars <sup>2</sup> .....	7.83	7.85	7.89	7.88	7.87	7.86	7.87	7.86	7.87	7.88	7.87	7.84	N.A.	
Average weekly earnings, total private .....	452.02	453.39	456.78	458.16	458.51	459.24	461.96	462.30	463.68	466.75	467.13	468.51	471.94	

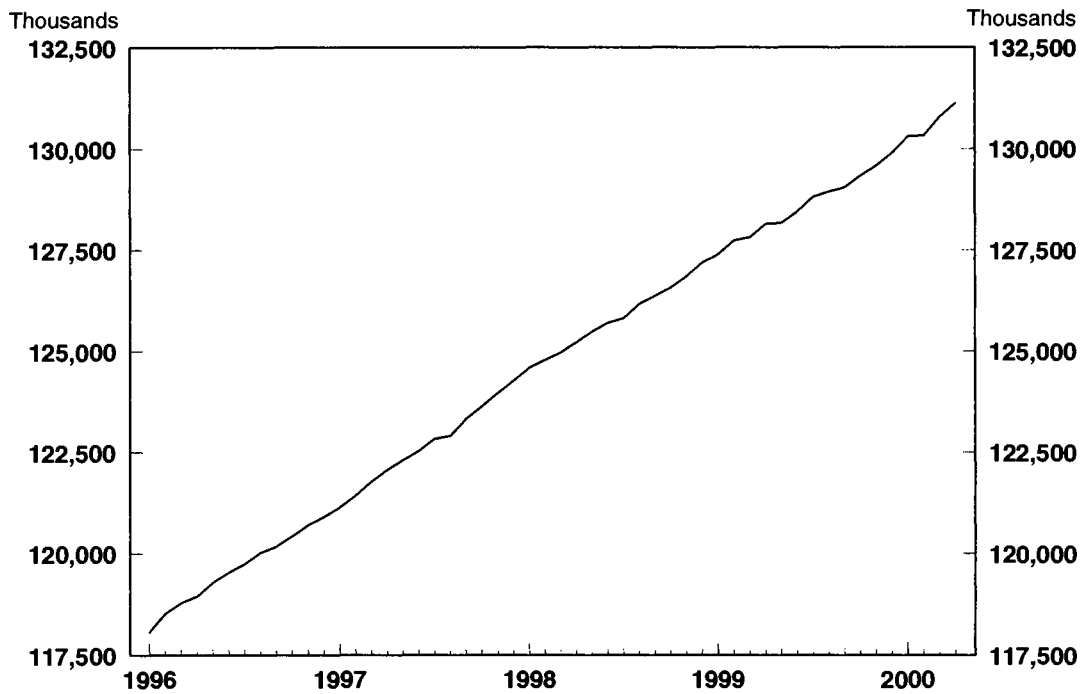
<sup>1</sup> Data relate to private production or nonsupervisory workers.

N.A. = not available.

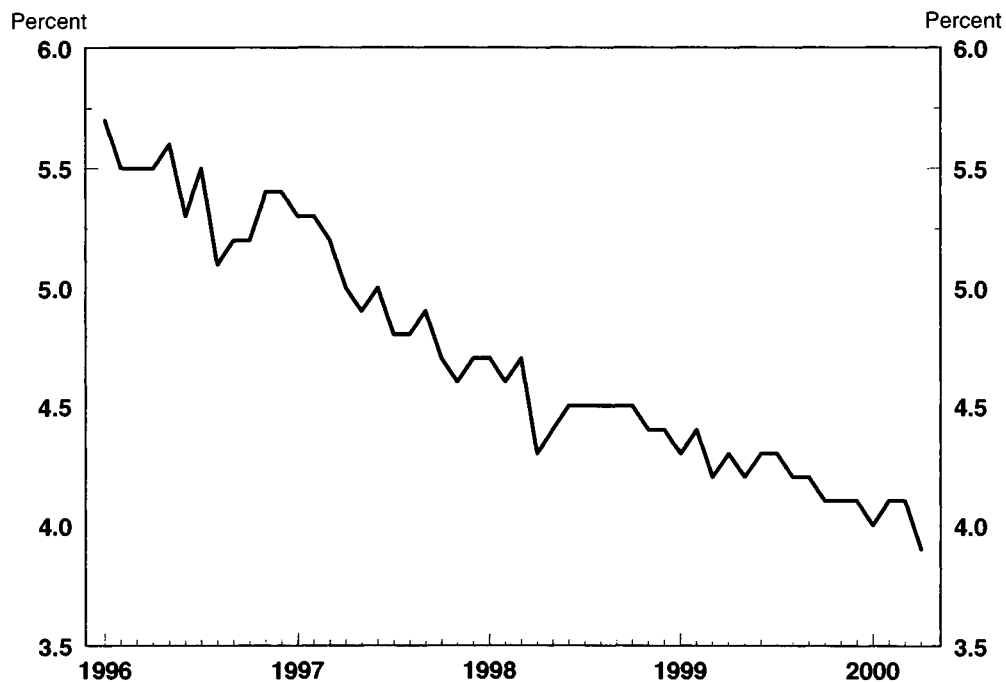
<sup>2</sup> The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series.

<sup>P</sup> = preliminary.

**Chart 1. Nonfarm payroll employment, seasonally adjusted, 1996-2000**



**Chart 2. Unemployment rate, seasonally adjusted, 1996-2000**



NOTE: Beginning in 1997, data incorporate revisions in the population controls. Beginning in 1998, data incorporate new composite estimation procedures and updated population controls. Beginning in 1999 and 2000, data incorporate revisions in the population controls. These changes affect comparability with data for prior periods.

# HOUSEHOLD DATA HISTORICAL

## A-1. Employment status of the civilian noninstitutional population 16 years and over, 1966 to date

(Numbers in thousands)

Year and month	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Number	Percent of population	Employed				Unemployed		
				Number	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
Annual averages										
1966 .....	128,058	75,770	59.2	72,895	56.9	3,979	68,915	2,875	3.8	52,288
1967 .....	129,874	77,347	59.6	74,372	57.3	3,844	70,527	2,975	3.8	52,527
1968 .....	132,028	78,737	59.6	75,920	57.5	3,817	72,103	2,817	3.6	53,291
1969 .....	134,335	80,734	60.1	77,902	58.0	3,606	74,296	2,832	3.5	53,602
1970 .....	137,085	82,771	60.4	78,678	57.4	3,463	75,215	4,093	4.9	54,315
1971 .....	140,216	84,382	60.2	79,367	56.6	3,394	75,972	5,016	5.9	55,834
1972 <sup>1</sup> .....	144,126	87,034	60.4	82,153	57.0	3,484	78,669	4,882	5.6	57,091
1973 <sup>1</sup> .....	147,096	89,429	60.8	85,064	57.8	3,470	81,594	4,365	4.9	57,667
1974 .....	150,120	91,949	61.3	86,794	57.8	3,515	83,279	5,156	5.6	58,171
1975 .....	153,153	93,775	61.2	85,846	56.1	3,408	82,438	7,929	8.5	59,377
1976 .....	156,150	96,158	61.6	88,752	56.8	3,331	85,421	7,406	7.7	59,991
1977 .....	159,033	99,009	62.3	92,017	57.9	3,283	88,734	6,991	7.1	60,025
1978 <sup>1</sup> .....	161,910	102,251	63.2	96,048	59.3	3,387	92,661	6,202	6.1	59,659
1979 .....	164,863	104,962	63.7	98,824	59.9	3,347	95,477	6,137	5.8	59,900
1980 .....	167,745	106,940	63.8	99,303	59.2	3,364	95,938	7,637	7.1	60,806
1981 .....	170,130	108,670	63.9	100,397	59.0	3,368	97,030	8,273	7.6	61,460
1982 .....	172,271	110,204	64.0	99,526	57.8	3,401	96,125	10,678	9.7	62,067
1983 .....	174,215	111,550	64.0	100,834	57.9	3,383	97,450	10,717	9.6	62,665
1984 .....	176,383	113,544	64.4	105,005	59.5	3,321	101,685	8,539	7.5	62,839
1985 .....	178,206	115,461	64.8	107,150	60.1	3,179	103,971	8,312	7.2	62,744
1986 <sup>1</sup> .....	180,587	117,834	65.3	109,597	60.7	3,163	106,434	8,237	7.0	62,752
1987 .....	182,753	119,865	65.6	112,440	61.5	3,208	109,232	7,425	6.2	62,888
1988 .....	184,613	121,669	65.9	114,968	62.3	3,169	111,800	6,701	5.5	62,944
1989 .....	186,393	123,869	66.5	117,342	63.0	3,199	114,142	6,528	5.3	62,523
1990 <sup>1</sup> .....	189,164	125,840	66.5	118,793	62.8	3,223	115,570	7,047	5.6	63,324
1991 .....	190,925	126,346	66.2	117,718	61.7	3,269	114,449	8,628	6.8	64,578
1992 .....	192,805	128,105	66.4	118,492	61.5	3,247	115,245	9,613	7.5	64,700
1993 .....	194,838	129,200	66.3	120,259	61.7	3,115	117,144	8,940	6.9	65,638
1994 <sup>1</sup> .....	196,814	131,056	66.6	123,060	62.5	3,409	119,651	7,996	6.1	65,758
1995 .....	198,584	132,304	66.6	124,900	62.9	3,440	121,460	7,404	5.6	66,280
1996 .....	200,591	133,943	66.8	126,708	63.2	3,443	123,264	7,236	5.4	66,647
1997 <sup>1</sup> .....	203,133	136,297	67.1	129,558	63.8	3,399	126,159	6,739	4.9	66,837
1998 <sup>1</sup> .....	205,220	137,673	67.1	131,463	64.1	3,378	128,085	6,210	4.5	67,547
1999 <sup>1</sup> .....	207,753	139,368	67.1	133,488	64.3	3,281	130,207	5,880	4.2	68,385
Monthly data, seasonally adjusted <sup>2</sup>										
1999:										
April .....	207,236	139,086	67.1	133,054	64.2	3,341	129,713	6,032	4.3	68,150
May .....	207,427	139,013	67.0	133,190	64.2	3,290	129,900	5,823	4.2	68,414
June .....	207,632	139,332	67.1	133,398	64.2	3,330	130,068	5,934	4.3	68,300
July .....	207,828	139,336	67.0	133,399	64.2	3,278	130,121	5,937	4.3	68,492
August .....	208,038	139,372	67.0	133,530	64.2	3,234	130,296	5,842	4.2	68,666
September .....	208,265	139,475	67.0	133,650	64.2	3,179	130,471	5,825	4.2	68,790
October .....	208,483	139,697	67.0	133,940	64.2	3,238	130,702	5,757	4.1	68,786
November .....	208,666	139,834	67.0	134,098	64.3	3,310	130,788	5,736	4.1	68,832
December .....	208,832	140,108	67.1	134,420	64.4	3,279	131,141	5,688	4.1	68,724
2000:										
January <sup>3</sup> .....	208,782	140,910	67.5	135,221	64.8	3,371	131,850	5,689	4.0	67,872
February .....	208,907	141,165	67.6	135,362	64.8	3,408	131,954	5,804	4.1	67,742
March .....	209,053	140,867	67.4	135,159	64.7	3,359	131,801	5,708	4.1	68,187
April .....	209,216	141,230	67.5	135,706	64.9	3,355	132,351	5,524	3.9	67,986

<sup>1</sup> Not strictly comparable with prior years. For an explanation, see "Historical Comparability" under the Household Data section of the Explanatory Notes and Estimates of Error.

<sup>2</sup> The population figures are not adjusted for seasonal variation.

<sup>3</sup> Beginning in January 2000, data are not strictly comparable with data

for 1999 and earlier years because of revisions in the population controls used in the household survey. For additional information, see "Revisions in the Current Population Survey Effective January 2000" in the February 2000 issue of this publication.

**A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1988 to date**

(Numbers in thousands)

Sex, year, and month	Civilian noninsti- tutional population	Civilian labor force								Not in labor force
		Number	Percent of population	Employed				Unemployed		
				Number	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
Annual averages										
MEN										
1988 .....	87,857	66,927	76.2	63,273	72.0	2,493	60,780	3,655	5.5	20,930
1989 .....	88,762	67,840	76.4	64,315	72.5	2,513	61,802	3,525	5.2	20,923
1990 <sup>1</sup> .....	90,377	69,011	76.4	65,104	72.0	2,546	62,559	3,906	5.7	21,367
1991 .....	91,278	69,168	75.8	64,223	70.4	2,589	61,634	4,946	7.2	22,110
1992 .....	92,270	69,964	75.8	64,440	69.8	2,575	61,866	5,523	7.9	22,306
1993 .....	93,332	70,404	75.4	65,349	70.0	2,478	62,871	5,055	7.2	22,927
1994 <sup>1</sup> .....	94,355	70,817	75.1	66,450	70.4	2,554	63,896	4,367	6.2	23,538
1995 .....	95,178	71,360	75.0	67,377	70.8	2,559	64,818	3,983	5.6	23,818
1996 .....	96,206	72,087	74.9	68,207	70.9	2,573	65,634	3,880	5.4	24,119
1997 <sup>1</sup> .....	97,715	73,261	75.0	69,685	71.3	2,552	67,133	3,577	4.9	24,454
1998 <sup>1</sup> .....	98,758	73,959	74.9	70,693	71.6	2,553	68,140	3,266	4.4	24,799
1999 <sup>1</sup> .....	99,722	74,512	74.7	71,446	71.6	2,432	69,014	3,066	4.1	25,210
Monthly data, seasonally adjusted <sup>2</sup>										
1999:										
April .....	99,465	74,270	74.7	71,208	71.6	2,489	68,719	3,062	4.1	25,195
May .....	99,563	74,318	74.6	71,207	71.5	2,420	68,787	3,111	4.2	25,245
June .....	99,668	74,414	74.7	71,330	71.6	2,430	68,900	3,084	4.1	25,254
July .....	99,761	74,498	74.7	71,437	71.6	2,435	69,002	3,061	4.1	25,263
August .....	99,863	74,499	74.6	71,436	71.5	2,409	69,027	3,063	4.1	25,364
September .....	99,976	74,643	74.7	71,630	71.6	2,361	69,269	3,013	4.0	25,333
October .....	100,088	74,680	74.6	71,623	71.6	2,389	69,234	3,057	4.1	25,408
November .....	100,179	74,728	74.6	71,732	71.6	2,501	69,231	2,996	4.0	25,451
December .....	100,264	74,930	74.7	71,927	71.7	2,440	69,487	3,003	4.0	25,334
2000:										
January <sup>3</sup> .....	100,266	75,304	75.1	72,358	72.2	2,495	69,862	2,946	3.9	24,963
February .....	100,330	75,594	75.3	72,473	72.2	2,494	69,979	3,121	4.1	24,737
March .....	100,405	75,198	74.9	72,313	72.0	2,409	69,904	2,885	3.8	25,206
April .....	100,487	75,189	74.8	72,307	72.0	2,384	69,923	2,882	3.8	25,298
Annual averages										
WOMEN										
1988 .....	96,756	54,742	56.6	51,696	53.4	676	51,020	3,046	5.6	42,014
1989 .....	97,630	56,030	57.4	53,027	54.3	687	52,341	3,003	5.4	41,601
1990 <sup>1</sup> .....	98,787	56,829	57.5	53,689	54.3	678	53,011	3,140	5.5	41,957
1991 .....	99,646	57,178	57.4	53,496	53.7	680	52,815	3,683	6.4	42,468
1992 .....	100,535	58,141	57.8	54,052	53.8	672	53,380	4,090	7.0	42,394
1993 .....	101,506	58,795	57.9	54,910	54.1	637	54,273	3,885	6.6	42,711
1994 <sup>1</sup> .....	102,460	60,239	58.8	56,610	55.3	855	55,755	3,629	6.0	42,221
1995 .....	103,406	60,944	58.9	57,523	55.6	881	56,642	3,421	5.6	42,462
1996 .....	104,385	61,857	59.3	58,501	56.0	871	57,630	3,356	5.4	42,528
1997 <sup>1</sup> .....	105,418	63,036	59.8	59,873	56.8	847	59,026	3,162	5.0	42,382
1998 <sup>1</sup> .....	106,462	63,714	59.8	60,771	57.1	825	59,945	2,944	4.6	42,748
1999 <sup>1</sup> .....	108,031	64,855	60.0	62,042	57.4	849	61,193	2,814	4.3	43,175
Monthly data, seasonally adjusted <sup>2</sup>										
1999:										
April .....	107,771	64,816	60.1	61,846	57.4	852	60,994	2,970	4.6	42,955
May .....	107,864	64,695	60.0	61,983	57.5	870	61,113	2,712	4.2	43,169
June .....	107,964	64,918	60.1	62,068	57.5	900	61,168	2,850	4.4	43,046
July .....	108,067	64,838	60.0	61,962	57.3	843	61,119	2,876	4.4	43,229
August .....	108,175	64,873	60.0	62,094	57.4	825	61,269	2,779	4.3	43,302
September .....	108,289	64,832	59.9	62,020	57.3	818	61,202	2,812	4.3	43,457
October .....	108,395	65,017	60.0	62,317	57.5	849	61,468	2,700	4.2	43,378
November .....	108,487	65,106	60.0	62,366	57.5	809	61,557	2,740	4.2	43,381
December .....	108,569	65,178	60.0	62,493	57.6	839	61,654	2,685	4.1	43,391
2000:										
January <sup>3</sup> .....	108,516	65,606	60.5	62,863	57.9	875	61,988	2,743	4.2	42,910
February .....	108,577	65,572	60.4	62,889	57.9	914	61,975	2,683	4.1	43,005
March .....	108,649	65,668	60.4	62,846	57.8	950	61,896	2,823	4.3	42,980
April .....	108,729	66,041	60.7	63,399	58.3	971	62,428	2,642	4.0	42,688

<sup>1</sup> Not strictly comparable with prior years. For an explanation, see "Historical Comparability" under the Household Data section of the Explanatory Notes and Estimates of Error.

<sup>2</sup> The population figures are not adjusted for seasonal variation.

<sup>3</sup> Beginning in January 2000, data are not strictly comparable with data for 1999 and earlier years because of revisions in the population controls used in the household survey. For additional information, see "Revisions in the Current Population Survey Effective January 2000" in the February 2000 issue of this publication.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-3. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted**

(Numbers in thousands)

Employment status, sex, and age	1999										2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.
<b>TOTAL</b>														
Civilian noninstitutional population <sup>1</sup> .....	207,236	207,427	207,632	207,828	208,038	208,265	208,483	208,666	208,832	208,782	208,907	209,053	209,216	
Civilian labor force .....	139,086	139,013	139,332	139,336	139,372	139,475	139,697	139,834	140,108	140,910	141,165	140,867	141,230	
Percent of population .....	67.1	67.0	67.1	67.0	67.0	67.0	67.0	67.0	67.1	67.5	67.6	67.4	67.5	
Employed .....	133,054	133,190	133,398	133,399	133,530	133,650	133,940	134,098	134,420	135,221	135,362	135,159	135,706	
Employment-population ratio .....	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.4	64.8	64.8	64.7	64.9	
Unemployed .....	6,032	5,823	5,934	5,937	5,842	5,825	5,757	5,736	5,688	5,689	5,804	5,708	5,524	
Unemployment rate .....	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.1	4.1	3.9	
Not in labor force .....	68,150	68,414	68,300	68,492	68,666	68,790	68,786	68,832	68,724	67,872	67,742	68,187	67,986	
Persons who currently want a job .....	4,740	4,658	4,770	4,575	4,497	4,352	4,331	4,429	4,467	4,252	4,374	4,594	4,352	
<b>Men, 16 years and over</b>														
Civilian noninstitutional population <sup>1</sup> .....	99,465	99,563	99,668	99,761	99,863	99,976	100,088	100,179	100,264	100,266	100,330	100,405	100,487	
Civilian labor force .....	74,270	74,318	74,414	74,498	74,499	74,643	74,680	74,728	74,930	75,304	75,594	75,198	75,189	
Percent of population .....	74.7	74.6	74.7	74.7	74.6	74.7	74.6	74.6	74.7	75.1	75.3	74.9	74.8	
Employed .....	71,208	71,207	71,330	71,437	71,436	71,630	71,623	71,732	71,927	72,358	72,473	72,313	72,307	
Employment-population ratio .....	71.6	71.5	71.6	71.6	71.5	71.6	71.6	71.6	71.7	72.2	72.2	72.0	72.0	
Agriculture .....	2,489	2,420	2,430	2,435	2,409	2,361	2,389	2,501	2,440	2,495	2,494	2,409	2,384	
Nonagricultural industries .....	68,719	68,787	68,900	69,002	69,027	69,269	69,234	69,231	69,487	69,862	69,979	69,904	69,923	
Unemployed .....	3,062	3,111	3,084	3,061	3,063	3,013	3,057	2,996	3,003	2,946	3,121	2,885	2,882	
Unemployment rate .....	4.1	4.2	4.1	4.1	4.1	4.0	4.1	4.0	4.0	3.9	4.1	3.8	3.8	
Not in labor force .....	25,195	25,245	25,254	25,263	25,364	25,333	25,408	25,451	25,334	24,963	24,737	25,206	25,298	
<b>Men, 20 years and over</b>														
Civilian noninstitutional population <sup>1</sup> .....	91,302	91,368	91,487	91,561	91,692	91,793	91,896	91,986	92,052	92,057	92,092	92,145	92,303	
Civilian labor force .....	69,992	69,978	70,116	70,167	70,240	70,328	70,339	70,388	70,529	70,917	71,120	70,822	70,761	
Percent of population .....	76.7	76.6	76.6	76.6	76.6	76.6	76.5	76.5	76.6	77.0	77.2	76.9	76.7	
Employed .....	67,562	67,470	67,645	67,703	67,768	67,943	67,898	68,037	68,197	68,585	68,691	68,480	68,481	
Employment-population ratio .....	74.0	73.8	73.9	73.9	73.9	74.0	73.9	74.0	74.1	74.5	74.6	74.3	74.2	
Agriculture .....	2,305	2,224	2,246	2,256	2,237	2,189	2,206	2,262	2,227	2,303	2,309	2,232	2,213	
Nonagricultural industries .....	65,257	65,246	65,399	65,447	65,531	65,754	65,692	65,775	65,970	66,282	66,382	66,249	66,269	
Unemployed .....	2,430	2,508	2,471	2,464	2,472	2,385	2,441	2,351	2,332	2,332	2,429	2,342	2,280	
Unemployment rate .....	3.5	3.6	3.5	3.5	3.5	3.4	3.5	3.3	3.3	3.3	3.4	3.3	3.2	
Not in labor force .....	21,310	21,390	21,371	21,394	21,452	21,465	21,557	21,598	21,523	21,139	20,972	21,323	21,542	
<b>Women, 16 years and over</b>														
Civilian noninstitutional population <sup>1</sup> .....	107,771	107,864	107,964	108,067	108,175	108,289	108,395	108,487	108,569	108,516	108,577	108,649	108,729	
Civilian labor force .....	64,816	64,695	64,918	64,838	64,873	64,832	65,017	65,106	65,178	65,606	65,572	65,668	66,041	
Percent of population .....	60.1	60.0	60.1	60.0	60.0	59.9	60.0	60.0	60.0	60.5	60.4	60.4	60.7	
Employed .....	61,846	61,983	62,068	61,962	62,094	62,020	62,317	62,366	62,493	62,863	62,889	62,846	63,399	
Employment-population ratio .....	57.4	57.5	57.5	57.3	57.4	57.3	57.5	57.5	57.6	57.9	57.9	57.8	58.3	
Agriculture .....	852	870	900	843	825	818	849	809	839	875	914	950	971	
Nonagricultural industries .....	60,994	61,113	61,168	61,119	61,269	61,202	61,468	61,557	61,654	61,988	61,975	61,896	62,428	
Unemployed .....	2,970	2,712	2,850	2,876	2,779	2,812	2,700	2,740	2,685	2,743	2,683	2,823	2,642	
Unemployment rate .....	4.6	4.2	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.2	4.1	4.3	4.0	
Not in labor force .....	42,955	43,169	43,046	43,229	43,302	43,457	43,378	43,381	43,391	42,910	43,005	42,980	42,688	
<b>Women, 20 years and over</b>														
Civilian noninstitutional population <sup>1</sup> .....	99,923	100,008	100,131	100,203	100,285	100,385	100,458	100,573	100,666	100,579	100,666	100,713	100,809	
Civilian labor force .....	60,765	60,708	60,988	60,852	60,904	60,860	60,955	61,052	61,154	61,576	61,575	61,671	61,920	
Percent of population .....	60.8	60.7	60.9	60.7	60.7	60.6	60.7	60.7	60.7	61.2	61.2	61.2	61.4	
Employed .....	58,336	58,483	58,647	58,677	58,648	58,630	58,800	58,838	58,958	59,280	59,398	59,422	59,757	
Employment-population ratio .....	58.4	58.5	58.6	58.4	58.5	58.4	58.5	58.5	58.6	58.9	59.0	59.0	59.3	
Agriculture .....	803	820	851	798	780	778	800	768	791	826	871	894	899	
Nonagricultural industries .....	57,533	57,663	57,796	57,679	57,868	57,852	58,000	58,070	58,167	58,454	58,526	58,528	58,858	
Unemployed .....	2,429	2,225	2,341	2,375	2,256	2,230	2,155	2,214	2,196	2,297	2,178	2,249	2,163	
Unemployment rate .....	4.0	3.7	3.8	3.9	3.7	3.7	3.5	3.6	3.6	3.7	3.5	3.6	3.5	
Not in labor force .....	39,158	39,300	39,143	39,351	39,381	39,525	39,503	39,521	39,512	39,003	39,090	39,042	38,889	
<b>Both sexes, 16 to 19 years</b>														
Civilian noninstitutional population <sup>1</sup> .....	16,011	16,051	16,014	16,065	16,061	16,086	16,129	16,107	16,114	16,147	16,149	16,196	16,104	
Civilian labor force .....	8,329	8,327	8,228	8,317	8,228	8,287	8,403	8,394	8,425	8,416	8,470	8,374	8,549	
Percent of population .....	52.0	51.9	51.4	51.8	51.2	51.5	52.1	52.1	52.3	52.1	52.4	51.7	53.1	
Employed .....	7,156	7,237	7,106	7,219	7,114	7,077	7,242	7,223	7,265	7,356	7,273	7,257	7,467	
Employment-population ratio .....	44.7	45.1	44.4	44.9	44.3	44.0	44.9	44.8	45.1	45.6	45.0	44.8	46.4	
Agriculture .....	233	246	233	224	217	212	232	280	261	242	228	233	243	
Nonagricultural industries .....	6,923	6,991	6,873	6,995	6,897	6,865	7,010	6,943	7,004	7,114	7,046	7,024	7,224	
Unemployed .....	1,173	1,090	1,122	1,098	1,114	1,210	1,161	1,171	1,160	1,060	1,197	1,117	1,082	
Unemployment rate .....	14.1	13.1	13.6	13.2	13.5	14.6	13.8	14.0	13.8	12.6	14.1	13.3	12.7	
Not in labor force .....	7,682	7,724	7,786	7,748	7,833	7,799	7,726	7,713	7,689	7,730	7,679	7,822	7,555	

<sup>1</sup> The population figures are not adjusted for seasonal variation.  
NOTE: Detail for the seasonally adjusted data shown in tables A-3 through A-13 will not necessarily add to totals because of the independent seasonal adjustment

of the various series. Beginning in January 2000, data reflect revised population controls used in the household survey.



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-4. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted**

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> ..	172,730	172,859	172,999	173,133	173,275	173,432	173,585	173,709	173,821	173,812	173,886	173,983	174,092
Civilian labor force .....	116,344	116,193	116,518	116,492	116,619	116,495	116,654	116,703	117,008	117,716	117,821	117,832	117,988
Percent of population .....	67.4	67.2	67.4	67.3	67.3	67.2	67.2	67.2	67.3	67.7	67.8	67.7	67.8
Employed .....	111,886	111,898	112,115	112,193	112,308	112,303	112,548	112,611	112,951	113,704	113,634	113,630	113,915
Employment-population ratio .....	64.8	64.7	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.4	65.3	65.3	65.4
Unemployed .....	4,458	4,295	4,403	4,299	4,311	4,192	4,106	4,092	4,057	4,011	4,187	4,202	4,073
Unemployment rate .....	3.8	3.7	3.8	3.7	3.7	3.6	3.5	3.5	3.5	3.4	3.6	3.6	3.5
<b>Men, 20 years and over</b>													
Civilian labor force .....	59,651	59,502	59,721	59,799	59,932	59,841	59,777	59,761	59,889	60,179	60,387	60,282	60,048
Percent of population .....	77.2	77.0	77.2	77.2	77.3	77.1	77.0	76.9	77.0	77.3	77.6	77.4	77.0
Employed .....	57,834	57,635	57,835	57,955	58,007	58,102	58,043	58,067	58,221	58,487	58,631	58,541	58,386
Employment-population ratio .....	74.9	74.5	74.7	74.8	74.8	74.9	74.7	74.7	74.8	75.2	75.3	75.1	74.9
Unemployed .....	1,817	1,867	1,886	1,844	1,925	1,739	1,734	1,694	1,668	1,693	1,756	1,742	1,662
Unemployment rate .....	3.0	3.1	3.2	3.1	3.2	2.9	2.9	2.8	2.8	2.8	2.9	2.9	2.8
<b>Women, 20 years and over</b>													
Civilian labor force .....	49,674	49,625	49,850	49,652	49,713	49,593	49,733	49,814	50,011	50,404	50,335	50,448	50,726
Percent of population .....	60.0	59.9	60.1	59.8	59.9	59.7	59.8	59.9	60.1	60.5	60.4	60.5	60.8
Employed .....	47,885	48,004	48,167	48,000	48,140	48,010	48,203	48,273	48,486	48,857	48,792	48,820	49,150
Employment-population ratio .....	57.8	57.9	58.1	57.9	58.0	57.8	58.0	58.0	58.2	58.7	58.6	58.6	58.9
Unemployed .....	1,789	1,621	1,683	1,652	1,573	1,583	1,530	1,541	1,525	1,547	1,544	1,628	1,576
Unemployment rate .....	3.6	3.3	3.4	3.3	3.2	3.2	3.1	3.1	3.0	3.1	3.1	3.2	3.1
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	7,019	7,066	6,947	7,041	6,974	7,061	7,144	7,128	7,108	7,132	7,099	7,102	7,214
Percent of population .....	55.4	55.7	54.7	55.3	54.8	55.4	56.1	56.0	55.8	56.0	55.8	55.8	56.7
Employed .....	6,167	6,259	6,113	6,238	6,161	6,191	6,302	6,271	6,244	6,360	6,211	6,270	6,379
Employment-population ratio .....	48.7	49.3	48.1	49.0	48.4	48.6	49.5	49.2	49.0	50.0	48.8	49.3	50.2
Unemployed .....	852	807	834	803	813	870	842	857	864	772	888	832	835
Unemployment rate .....	12.1	11.4	12.0	11.4	11.7	12.3	11.8	12.0	12.2	10.8	12.5	11.7	11.6
Men .....	12.6	12.2	12.0	11.7	12.3	12.7	11.9	12.8	13.3	12.4	14.4	11.3	13.0
Women .....	11.6	10.6	12.0	11.1	11.0	11.9	11.7	11.2	10.9	9.1	10.4	12.1	10.0
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> ..	24,765	24,798	24,833	24,867	24,904	24,946	24,985	25,019	25,051	25,047	25,076	25,105	25,135
Civilian labor force .....	16,288	16,290	16,308	16,366	16,321	16,474	16,489	16,508	16,513	16,622	16,785	16,572	16,636
Percent of population .....	65.8	65.7	65.7	65.8	65.5	66.0	66.0	66.0	65.9	66.4	66.9	66.0	66.2
Employed .....	15,011	15,053	15,069	14,962	15,047	15,114	15,124	15,187	15,204	15,254	15,471	15,356	15,444
Employment-population ratio .....	60.6	60.7	60.7	60.2	60.4	60.6	60.5	60.7	60.7	60.9	61.7	61.2	61.4
Unemployed .....	1,277	1,237	1,239	1,404	1,274	1,360	1,365	1,321	1,309	1,368	1,314	1,216	1,191
Unemployment rate .....	7.8	7.6	7.6	8.6	7.8	8.3	8.3	8.0	7.9	8.2	7.8	7.3	7.2
<b>Men, 20 years and over</b>													
Civilian labor force .....	7,118	7,182	7,153	7,122	7,162	7,205	7,281	7,277	7,273	7,386	7,441	7,300	7,351
Percent of population .....	72.0	72.6	72.1	71.7	72.0	72.3	72.9	72.8	72.6	73.7	74.2	72.6	73.0
Employed .....	6,670	6,710	6,698	6,610	6,714	6,696	6,717	6,767	6,766	6,839	6,910	6,830	6,864
Employment-population ratio .....	67.5	67.8	67.6	66.6	67.5	67.2	67.3	67.7	67.5	68.2	68.9	68.0	68.2
Unemployed .....	448	472	455	512	448	509	564	510	507	547	532	469	487
Unemployment rate .....	6.3	6.6	6.4	7.2	6.3	7.1	7.7	7.0	7.0	7.4	7.1	6.4	6.6
<b>Women, 20 years and over</b>													
Civilian labor force .....	8,223	8,178	8,219	8,311	8,241	8,316	8,252	8,305	8,260	8,315	8,344	8,314	8,291
Percent of population .....	66.3	65.8	66.1	66.7	66.1	66.5	65.9	66.3	65.8	66.3	66.4	66.1	65.8
Employed .....	7,657	7,647	7,667	7,670	7,673	7,759	7,745	7,757	7,706	7,715	7,805	7,808	7,807
Employment-population ratio .....	61.7	61.6	61.6	61.6	61.5	62.1	61.9	61.9	61.4	61.5	62.1	62.1	62.0
Unemployed .....	566	531	552	641	568	557	507	548	554	600	539	506	484
Unemployment rate .....	6.9	6.5	6.7	7.7	6.9	6.7	6.1	6.6	6.7	7.2	6.5	6.1	5.8

See footnotes at end of table.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-4. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted  
— Continued**

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	947	930	936	933	918	953	956	926	980	921	999	958	993
Percent of population .....	38.3	37.5	37.7	37.5	37.0	38.4	38.5	37.3	39.5	37.2	40.4	38.7	40.2
Employed .....	684	696	704	682	660	659	662	663	732	701	756	718	773
Employment-population ratio .....	27.6	28.1	28.4	27.4	26.6	26.5	26.7	26.7	29.5	28.3	30.6	29.0	31.3
Unemployed .....	263	234	232	251	258	294	294	263	248	220	243	240	220
Unemployment rate .....	27.8	25.2	24.8	26.9	28.1	30.8	30.8	28.4	25.3	23.9	24.3	25.1	22.2
Men .....	32.0	27.9	28.8	30.7	29.6	30.3	35.3	31.0	27.5	24.0	22.3	21.3	22.0
Women .....	23.8	22.5	21.2	23.4	26.7	31.4	26.1	25.9	23.0	23.8	26.6	28.9	22.4
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> ..	21,483	21,548	21,618	21,684	21,752	21,820	21,881	21,947	22,008	22,047	22,108	22,166	22,231
Civilian labor force .....	14,535	14,555	14,624	14,617	14,710	14,766	14,809	14,887	14,984	15,251	15,249	15,313	15,355
Percent of population .....	67.7	67.5	67.6	67.4	67.6	67.7	67.7	67.8	68.1	69.2	69.0	69.1	69.1
Employed .....	13,541	13,574	13,655	13,696	13,759	13,795	13,879	13,979	14,095	14,395	14,382	14,355	14,524
Employment-population ratio .....	63.0	63.0	63.2	63.2	63.3	63.2	63.4	63.7	64.0	65.3	65.1	64.8	65.3
Unemployed .....	994	981	969	921	951	971	930	908	889	856	868	958	831
Unemployment rate .....	6.8	6.7	6.6	6.3	6.5	6.6	6.3	6.1	5.9	5.6	5.7	6.3	5.4

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

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. Beginning in January 2000, data reflect revised population controls used in the household survey.

**A-5. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, seasonally adjusted**

(Numbers in thousands)

Educational attainment	1999										2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	
<b>Less than a high school diploma</b>														
Civilian noninstitutional population <sup>1</sup> .....	27,991	28,298	28,515	28,015	28,568	28,583	28,246	28,228	28,144	27,995	27,376	27,523	28,069	
Civilian labor force .....	11,896	11,891	12,081	12,087	12,307	12,151	12,201	12,132	11,956	11,895	11,971	11,726	11,945	
Percent of population .....	42.5	42.0	42.4	43.1	43.1	42.5	43.2	43.0	42.5	42.5	43.7	42.6	42.6	
Employed .....	11,092	11,085	11,265	11,265	11,448	11,327	11,401	11,347	11,243	11,106	11,257	10,918	11,218	
Employment-population ratio .....	39.6	39.2	39.5	40.2	40.1	39.6	40.4	40.2	39.9	39.7	41.1	39.7	40.0	
Unemployed .....	804	806	816	822	859	824	800	785	713	789	714	808	727	
Unemployment rate .....	6.8	6.8	6.8	6.8	7.0	6.8	6.6	6.5	6.0	6.6	6.0	6.9	6.1	
<b>High school graduates, no college<sup>2</sup></b>														
Civilian noninstitutional population <sup>1</sup> .....	57,945	57,931	57,963	57,162	57,195	57,518	57,275	57,789	57,590	57,768	57,471	58,033	58,015	
Civilian labor force .....	37,508	37,365	37,382	37,014	36,954	37,188	37,080	37,671	37,362	37,617	37,603	37,671	37,666	
Percent of population .....	64.7	64.5	64.5	64.8	64.6	64.7	64.7	65.2	64.9	65.1	65.4	64.9	64.9	
Employed .....	36,173	36,022	35,962	35,700	35,657	35,879	35,874	36,445	36,071	36,305	36,294	36,401	36,401	
Employment-population ratio .....	62.4	62.2	62.0	62.5	62.3	62.4	62.6	63.1	62.6	62.8	63.2	62.7	62.7	
Unemployed .....	1,335	1,343	1,420	1,314	1,297	1,309	1,206	1,226	1,291	1,311	1,309	1,270	1,265	
Unemployment rate .....	3.6	3.6	3.8	3.6	3.5	3.5	3.3	3.3	3.5	3.5	3.5	3.4	3.4	
<b>Less than a bachelor's degree<sup>3</sup></b>														
Civilian noninstitutional population <sup>1</sup> .....	43,059	42,742	42,780	43,610	43,130	42,955	43,787	44,070	44,069	43,689	44,486	44,225	43,896	
Civilian labor force .....	32,051	31,944	31,955	32,145	31,842	32,140	32,203	32,312	32,404	32,397	32,544	32,967	32,684	
Percent of population .....	74.4	74.7	74.7	73.7	73.8	74.8	73.5	73.3	73.5	74.2	73.2	74.5	74.5	
Employed .....	31,111	31,049	31,140	31,169	30,864	31,269	31,330	31,444	31,586	31,564	31,595	32,090	31,843	
Employment-population ratio .....	72.3	72.6	72.8	71.5	71.6	72.8	71.6	71.3	71.7	72.2	71.0	72.6	72.5	
Unemployed .....	940	895	815	976	978	871	873	868	818	833	949	878	841	
Unemployment rate .....	2.9	2.8	2.6	3.0	3.1	2.7	2.7	2.7	2.5	2.6	2.9	2.7	2.6	
<b>College graduates</b>														
Civilian noninstitutional population <sup>1</sup> .....	44,289	44,442	44,464	45,042	45,086	45,081	44,986	44,365	44,821	45,058	45,247	44,838	44,864	
Civilian labor force .....	35,467	35,677	35,757	35,827	36,037	35,722	35,721	35,264	35,824	36,205	36,265	36,060	36,099	
Percent of population .....	80.1	80.3	80.4	79.5	79.9	79.2	79.4	79.5	79.9	80.4	80.1	80.4	80.5	
Employed .....	34,745	35,020	35,059	35,167	35,465	35,112	35,106	34,655	35,186	35,540	35,678	35,481	35,545	
Employment-population ratio .....	78.5	78.8	78.8	78.1	78.7	77.9	78.0	78.1	78.5	78.9	78.9	79.1	79.2	
Unemployed .....	722	657	698	660	572	610	615	609	638	665	587	579	553	
Unemployment rate .....	2.0	1.8	2.0	1.8	1.6	1.7	1.7	1.7	1.8	1.8	1.6	1.6	1.5	

<sup>1</sup> The population figures are not adjusted for seasonal variation.<sup>2</sup> Includes high school diploma or equivalent.<sup>3</sup> Includes the categories, some college, no degree; and associate degree.

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-6. Employed and unemployed full- and part-time workers by sex and age, seasonally adjusted**

(Numbers in thousands)

Full- and part-time status, sex, and age	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>EMPLOYED</b>													
Full-time workers .....	109,706	109,986	110,275	109,797	110,060	110,413	110,877	111,227	111,562	112,089	112,129	112,248	113,054
Men, 16 years and over .....	63,690	63,700	63,805	63,835	63,772	63,985	64,005	64,259	64,358	64,727	64,883	64,933	65,097
Men, 20 years and over .....	62,324	62,254	62,367	62,350	62,310	62,621	62,607	62,825	62,914	63,407	63,468	63,501	63,620
Women, 16 years and over .....	45,991	46,233	46,538	46,067	46,386	46,452	46,847	46,968	47,161	47,152	47,195	47,253	47,841
Women, 20 years and over .....	45,067	45,262	45,529	45,084	45,407	45,497	45,822	45,907	46,094	46,189	46,187	46,357	46,787
Both sexes, 16 to 19 years .....	2,315	2,470	2,379	2,363	2,343	2,295	2,448	2,495	2,554	2,493	2,474	2,389	2,646
Part-time workers .....	23,291	23,228	23,108	23,437	23,386	23,205	23,081	22,946	22,975	23,224	23,210	23,105	22,697
Men, 16 years and over .....	7,496	7,511	7,537	7,598	7,643	7,613	7,610	7,485	7,581	7,552	7,557	7,489	7,180
Men, 20 years and over .....	5,234	5,192	5,282	5,351	5,483	5,302	5,255	5,213	5,295	5,197	5,193	5,101	4,877
Women, 16 years and over .....	15,800	15,749	15,523	15,865	15,691	15,666	15,483	15,450	15,377	15,641	15,627	15,619	15,509
Women, 20 years and over .....	13,246	13,218	13,137	13,312	13,204	13,169	12,996	12,964	12,932	13,075	13,157	13,107	12,954
Both sexes, 16 to 19 years .....	4,811	4,818	4,689	4,774	4,699	4,734	4,830	4,769	4,748	4,951	4,860	4,898	4,865
<b>UNEMPLOYED</b>													
Looking for full-time work .....	4,807	4,633	4,641	4,705	4,712	4,568	4,614	4,536	4,540	4,554	4,595	4,489	4,427
Men, 16 years and over .....	2,533	2,569	2,573	2,556	2,625	2,533	2,588	2,526	2,493	2,389	2,512	2,326	2,393
Men, 20 years and over .....	2,218	2,272	2,229	2,239	2,295	2,172	2,224	2,151	2,109	2,125	2,234	2,106	2,039
Women, 16 years and over .....	2,299	2,081	2,127	2,128	2,100	2,068	2,068	2,065	2,065	2,093	1,978	2,076	2,082
Women, 20 years and over .....	2,033	1,852	1,903	1,939	1,861	1,792	1,771	1,792	1,799	1,864	1,738	1,764	1,753
Both sexes, 16 to 19 years .....	556	509	509	527	556	604	619	593	632	566	623	619	636
Looking for part-time work .....	1,221	1,265	1,284	1,216	1,133	1,228	1,146	1,191	1,175	1,112	1,191	1,243	1,093
Men, 16 years and over .....	547	600	566	518	449	504	499	502	520	483	508	462	512
Men, 20 years and over .....	193	276	249	222	170	207	216	199	236	213	201	225	223
Women, 16 years and over .....	712	670	729	706	666	707	625	686	640	615	707	772	619
Women, 20 years and over .....	414	392	438	432	395	424	377	406	384	415	452	514	428
Both sexes, 16 to 19 years .....	614	597	597	562	568	597	553	586	555	483	539	505	442
<b>UNEMPLOYMENT RATES<sup>1</sup></b>													
Full-time workers .....	4.2	4.0	4.0	4.1	4.1	4.0	4.0	3.9	3.9	3.9	3.9	3.8	3.8
Men, 16 years and over .....	3.8	3.9	3.9	3.8	4.0	3.8	3.9	3.8	3.7	3.6	3.7	3.5	3.5
Men, 20 years and over .....	3.4	3.5	3.5	3.5	3.6	3.4	3.4	3.3	3.2	3.2	3.4	3.2	3.1
Women, 16 years and over .....	4.8	4.3	4.4	4.4	4.3	4.3	4.2	4.2	4.2	4.3	4.0	4.2	4.2
Women, 20 years and over .....	4.3	3.9	4.0	4.1	3.9	3.8	3.7	3.8	3.8	3.9	3.6	3.7	3.6
Both sexes, 16 to 19 years .....	19.4	17.1	17.6	18.2	19.2	20.8	20.2	19.2	19.8	18.5	20.1	20.6	19.4
Part-time workers .....	5.0	5.2	5.3	4.9	4.6	5.0	4.7	4.9	4.9	4.6	4.9	5.1	4.6
Men, 16 years and over .....	6.8	7.4	7.0	6.4	5.5	6.2	6.2	6.3	6.4	6.0	6.3	5.8	6.7
Men, 20 years and over .....	3.6	5.0	4.5	4.0	3.0	3.8	3.9	3.7	4.3	3.9	3.7	4.2	4.4
Women, 16 years and over .....	4.3	4.1	4.5	4.3	4.1	4.3	3.9	4.3	4.0	3.8	4.3	4.7	3.8
Women, 20 years and over .....	3.0	2.9	3.2	3.1	2.9	3.1	2.8	3.0	2.9	3.1	3.3	3.8	3.2
Both sexes, 16 to 19 years .....	11.3	11.0	11.3	10.5	10.8	11.2	10.3	10.9	10.5	8.9	10.0	9.3	8.3

<sup>1</sup> These rates reflect a refined definition of the full- and part-time labor force and differ from the rates published elsewhere in this publication prior to 1994.

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**A-7. Employed persons by marital status, occupation, class of worker, and part-time status, seasonally adjusted**

(In thousands)

Category	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>MARITAL STATUS</b>													
Total .....	133,054	133,190	133,398	133,399	133,530	133,650	133,940	134,098	134,420	135,221	135,362	135,159	135,706
Married men, spouse present .....	43,210	42,997	43,279	43,350	43,368	43,367	43,206	43,273	43,283	43,951	43,535	43,297	43,272
Married women, spouse present .....	33,284	33,442	33,758	33,387	33,504	33,275	33,521	33,635	33,762	34,166	33,882	33,780	33,877
Women who maintain families .....	8,081	8,081	8,028	8,272	8,335	8,312	8,398	8,526	8,375	8,362	8,220	8,082	8,307
<b>OCCUPATION</b>													
Managerial and professional specialty .....	40,458	40,503	40,802	40,823	40,800	40,784	40,718	40,363	40,800	40,924	40,806	40,595	40,665
Technical, sales, and administrative support .....	38,816	38,939	38,777	38,673	38,874	38,634	39,023	39,283	39,311	39,614	39,703	39,510	39,680
Service occupations .....	17,904	18,049	18,007	17,990	17,976	17,876	17,694	17,633	17,706	18,155	18,344	18,711	18,885
Precision production, craft, and repair .....	14,508	14,452	14,175	14,431	14,322	14,659	14,836	14,903	14,940	14,610	14,681	14,520	14,501
Operators, fabricators, and laborers .....	17,775	17,920	18,177	18,019	18,089	18,227	18,340	18,476	18,299	18,385	18,279	18,334	18,453
Farming, forestry, and fishing .....	3,508	3,440	3,477	3,421	3,412	3,365	3,365	3,407	3,367	3,574	3,630	3,562	3,477
<b>CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,930	1,930	1,923	1,939	1,908	1,930	1,936	2,049	2,018	2,024	2,025	2,043	2,054
Self-employed workers .....	1,399	1,330	1,341	1,292	1,266	1,198	1,267	1,216	1,211	1,320	1,344	1,292	1,272
Unpaid family workers .....	33	36	39	45	46	40	42	41	36	38	51	42	43
Nonagricultural industries:													
Wage and salary workers .....	120,925	121,311	121,006	121,188	121,150	121,583	121,654	121,965	122,426	122,823	123,166	123,169	123,623
Private industries .....	102,147	102,540	101,999	102,156	102,036	102,503	102,837	103,063	103,467	103,810	103,772	103,571	104,343
Private households .....	935	914	983	944	873	1,035	939	944	948	952	1,016	998	1,019
Other industries .....	101,212	101,626	101,016	101,212	101,163	101,468	101,898	102,119	102,519	102,858	102,756	102,573	103,324
Government .....	18,778	18,771	19,007	19,032	19,114	19,080	18,817	18,902	18,959	19,013	19,394	19,598	19,280
Self-employed workers .....	8,801	8,726	8,840	8,820	9,000	8,791	8,833	8,686	8,662	8,802	8,793	8,704	8,750
Unpaid family workers .....	65	61	88	77	93	100	101	108	98	92	74	107	103
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	3,403	3,399	3,377	3,316	3,279	3,283	3,179	3,274	3,320	3,219	3,139	3,124	3,124
Slack work or business conditions .....	1,937	1,950	2,048	1,974	1,904	1,922	1,928	1,930	1,951	1,893	1,807	1,820	1,844
Could only find part-time work .....	1,117	1,116	1,045	1,050	1,057	1,073	993	1,032	1,025	1,012	1,023	953	1,016
Part time for noneconomic reasons .....	18,752	18,692	18,716	18,983	19,230	18,801	18,799	18,651	18,618	18,889	19,031	18,770	18,474
Nonagricultural industries:													
Part time for economic reasons .....	3,225	3,229	3,209	3,142	3,127	3,112	2,983	3,105	3,157	3,066	2,985	3,003	3,021
Slack work or business conditions .....	1,845	1,845	1,902	1,850	1,813	1,806	1,807	1,815	1,843	1,801	1,705	1,766	1,782
Could only find part-time work .....	1,087	1,089	1,031	1,034	1,041	1,063	964	1,013	1,018	986	1,005	922	989
Part time for noneconomic reasons .....	18,159	18,138	18,106	18,466	18,652	18,273	18,249	18,083	18,061	18,347	18,406	18,184	17,943

<sup>1</sup> Persons at work excludes employed persons who were absent from their jobs during the entire reference week for reasons such as vacation, illness, or industrial dispute. Part time for noneconomic reasons excludes persons who usually work full time but worked only 1 to 34 hours during the reference week for reasons such as

holidays, illness, and bad weather.

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-8. Employed persons by age and sex, seasonally adjusted**

(In thousands)

Age and sex	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over .....	133,054	133,190	133,398	133,399	133,530	133,650	133,940	134,098	134,420	135,221	135,362	135,159	135,706
16 to 24 years .....	19,939	20,028	19,935	20,078	20,068	20,106	20,226	20,188	20,334	20,621	20,473	20,478	20,743
16 to 19 years .....	7,156	7,237	7,106	7,219	7,114	7,077	7,242	7,223	7,265	7,356	7,273	7,257	7,467
16 to 17 years .....	2,802	2,809	2,745	2,845	2,776	2,765	2,834	2,797	2,803	2,855	2,794	2,832	2,817
18 to 19 years .....	4,338	4,466	4,369	4,361	4,325	4,309	4,411	4,421	4,461	4,492	4,452	4,432	4,632
20 to 24 years .....	12,783	12,791	12,829	12,859	12,954	13,029	12,984	12,965	13,069	13,265	13,200	13,221	13,276
25 years and over .....	113,141	113,214	113,436	113,280	113,495	113,539	113,666	113,897	114,075	114,641	114,810	114,737	115,009
25 to 54 years .....	95,951	96,007	96,158	95,995	96,120	96,200	96,436	96,635	96,729	97,199	97,246	97,120	97,349
55 years and over .....	17,142	17,106	17,261	17,306	17,379	17,377	17,255	17,252	17,406	17,447	17,603	17,604	17,620
Men, 16 years and over .....	71,208	71,207	71,330	71,437	71,436	71,630	71,623	71,732	71,927	72,358	72,473	72,313	72,307
16 to 24 years .....	10,221	10,382	10,323	10,415	10,427	10,540	10,521	10,508	10,570	10,727	10,745	10,858	10,858
16 to 19 years .....	3,646	3,737	3,685	3,734	3,668	3,687	3,725	3,695	3,730	3,773	3,782	3,833	3,825
16 to 17 years .....	1,411	1,454	1,437	1,471	1,441	1,421	1,462	1,439	1,445	1,471	1,494	1,510	1,436
18 to 19 years .....	2,231	2,324	2,263	2,251	2,213	2,247	2,267	2,234	2,278	2,301	2,267	2,334	2,385
20 to 24 years .....	6,575	6,645	6,638	6,681	6,759	6,853	6,796	6,813	6,840	6,954	6,963	7,025	7,033
25 years and over .....	60,980	60,872	61,001	61,012	61,061	61,083	61,073	61,202	61,349	61,585	61,702	61,482	61,426
25 to 54 years .....	51,430	51,347	51,416	51,463	51,423	51,431	51,523	51,673	51,732	51,944	51,928	51,800	51,796
55 years and over .....	9,526	9,465	9,559	9,574	9,619	9,649	9,542	9,574	9,649	9,658	9,784	9,723	9,630
Women, 16 years and over .....	61,846	61,983	62,068	61,962	62,094	62,020	62,317	62,366	62,493	62,863	62,889	62,846	63,399
16 to 24 years .....	9,718	9,646	9,612	9,663	9,641	9,566	9,705	9,680	9,764	9,894	9,728	9,620	9,885
16 to 19 years .....	3,510	3,500	3,421	3,485	3,446	3,390	3,517	3,528	3,535	3,584	3,491	3,424	3,642
16 to 17 years .....	1,391	1,355	1,308	1,374	1,335	1,344	1,372	1,358	1,358	1,385	1,300	1,322	1,381
18 to 19 years .....	2,107	2,142	2,106	2,110	2,112	2,062	2,144	2,187	2,183	2,190	2,185	2,098	2,247
20 to 24 years .....	6,208	6,146	6,191	6,178	6,195	6,176	6,188	6,152	6,229	6,310	6,237	6,196	6,243
25 years and over .....	52,161	52,342	52,435	52,268	52,434	52,456	52,593	52,695	52,726	53,056	53,108	53,255	53,583
25 to 54 years .....	44,521	44,660	44,742	44,532	44,697	44,769	44,913	44,962	44,997	45,254	45,319	45,321	45,553
55 years and over .....	7,616	7,641	7,702	7,732	7,760	7,728	7,713	7,678	7,757	7,788	7,818	7,882	7,990

NOTE. Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over .....	6,032	5,823	5,934	5,937	5,842	5,825	5,757	5,736	5,688	5,689	5,804	5,708	5,524
16 to 24 years .....	2,211	2,130	2,172	2,160	2,139	2,226	2,247	2,249	2,209	2,119	2,267	2,199	2,115
16 to 19 years .....	1,173	1,090	1,122	1,098	1,114	1,210	1,161	1,171	1,160	1,060	1,197	1,117	1,082
16 to 17 years .....	557	540	534	518	526	531	536	553	553	465	529	510	481
18 to 19 years .....	612	563	587	578	596	690	623	619	612	577	653	607	597
20 to 24 years .....	1,038	1,040	1,050	1,062	1,025	1,016	1,086	1,078	1,049	1,059	1,071	1,082	1,033
25 years and over .....	3,822	3,686	3,753	3,779	3,706	3,618	3,510	3,488	3,479	3,578	3,520	3,531	3,411
25 to 54 years .....	3,286	3,225	3,231	3,250	3,226	3,147	3,043	3,048	2,987	3,089	2,997	3,044	2,964
55 years and over .....	507	474	534	521	475	461	472	459	477	494	546	498	427
Men, 16 years and over .....	3,062	3,111	3,084	3,061	3,063	3,013	3,057	2,996	3,003	2,946	3,121	2,885	2,882
16 to 24 years .....	1,195	1,184	1,212	1,187	1,148	1,163	1,222	1,194	1,252	1,150	1,236	1,106	1,153
16 to 19 years .....	632	603	613	597	591	628	616	645	671	613	691	543	603
16 to 17 years .....	316	310	291	282	279	283	268	292	311	246	312	269	270
18 to 19 years .....	321	301	330	313	319	341	346	353	356	364	367	274	337
20 to 24 years .....	563	581	599	590	557	535	606	549	581	537	544	563	550
25 years and over .....	1,871	1,924	1,865	1,887	1,923	1,859	1,842	1,789	1,757	1,800	1,861	1,781	1,735
25 to 54 years .....	1,597	1,665	1,597	1,589	1,643	1,575	1,578	1,531	1,493	1,552	1,574	1,500	1,462
55 years and over .....	265	273	270	298	284	292	278	252	246	248	281	278	268
Women, 16 years and over .....	2,970	2,712	2,850	2,876	2,779	2,812	2,700	2,740	2,685	2,743	2,683	2,823	2,642
16 to 24 years .....	1,016	946	960	973	991	1,063	1,025	1,055	957	969	1,032	1,093	962
16 to 19 years .....	541	487	509	501	523	582	545	526	489	447	505	574	479
16 to 17 years .....	241	230	243	236	247	248	268	261	242	219	217	241	211
18 to 19 years .....	291	262	257	265	277	349	277	266	256	213	286	334	260
20 to 24 years .....	475	459	451	472	468	481	480	529	468	522	526	520	483
25 years and over .....	1,951	1,762	1,888	1,892	1,783	1,759	1,668	1,699	1,722	1,778	1,659	1,751	1,676
25 to 54 years .....	1,689	1,560	1,634	1,661	1,583	1,572	1,465	1,517	1,494	1,537	1,424	1,544	1,502
55 years and over .....	242	201	264	223	191	169	194	207	231	245	266	219	159

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-10. Unemployment rates by age and sex, seasonally adjusted**

(Percent)

Age and sex	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total, 16 years and over .....	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.1	4.1	3.9
16 to 24 years .....	10.0	9.6	9.8	9.7	9.6	10.0	10.0	10.0	9.8	9.3	10.0	9.7	9.3
16 to 19 years .....	14.1	13.1	13.6	13.2	13.5	14.6	13.8	14.0	13.8	12.6	14.1	13.3	12.7
16 to 17 years .....	16.6	16.1	16.3	15.4	15.9	16.1	15.9	16.5	16.5	14.0	15.9	15.3	14.6
18 to 19 years .....	12.4	11.2	11.8	11.7	12.1	13.8	12.4	12.3	12.1	11.4	12.8	12.1	11.4
20 to 24 years .....	7.5	7.5	7.6	7.6	7.3	7.2	7.7	7.7	7.4	7.4	7.5	7.6	7.2
25 years and over .....	3.3	3.2	3.2	3.2	3.2	3.1	3.0	3.0	3.0	3.0	3.0	3.0	2.9
25 to 54 years .....	3.3	3.2	3.3	3.3	3.2	3.2	3.1	3.1	3.0	3.1	3.0	3.0	3.0
55 years and over .....	2.9	2.7	3.0	2.9	2.7	2.6	2.7	2.6	2.7	2.8	3.0	2.7	2.4
Men, 16 years and over .....	4.1	4.2	4.1	4.1	4.1	4.0	4.1	4.0	4.0	3.9	4.1	3.8	3.8
16 to 24 years .....	10.5	10.2	10.5	10.2	9.9	9.9	10.4	10.2	10.6	9.7	10.3	9.2	9.6
16 to 19 years .....	14.8	13.9	14.3	13.8	13.9	14.6	14.2	14.9	15.2	14.0	15.5	12.4	13.6
16 to 17 years .....	18.3	17.6	16.8	16.1	16.2	16.6	15.5	16.9	17.7	14.3	17.3	15.1	15.8
18 to 19 years .....	12.6	11.5	12.7	12.2	12.6	13.2	13.2	13.6	13.5	13.7	13.9	10.5	12.4
20 to 24 years .....	7.9	8.0	8.3	8.1	7.6	7.2	8.2	7.5	7.8	7.2	7.3	7.4	7.3
25 years and over .....	3.0	3.1	3.0	3.0	3.1	3.0	2.9	2.8	2.8	2.8	2.9	2.8	2.7
25 to 54 years .....	3.0	3.1	3.0	3.0	3.1	3.0	3.0	2.9	2.8	2.9	2.9	2.8	2.7
55 years and over .....	2.7	2.8	2.7	3.0	2.9	2.9	2.8	2.6	2.5	2.5	2.8	2.8	2.7
Women, 16 years and over .....	4.6	4.2	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.2	4.1	4.3	4.0
16 to 24 years .....	9.5	8.9	9.1	9.1	9.3	10.0	9.6	9.8	8.9	8.9	9.6	10.2	8.9
16 to 19 years .....	13.4	12.2	13.0	12.6	13.2	14.7	13.4	13.0	12.2	11.1	12.6	14.4	11.6
16 to 17 years .....	14.8	14.5	15.7	14.7	15.6	15.6	16.3	16.1	15.1	13.7	14.3	15.4	13.3
18 to 19 years .....	12.1	10.9	10.9	11.2	11.6	14.5	11.4	10.8	10.5	8.9	11.6	13.7	10.4
20 to 24 years .....	7.1	6.9	6.8	7.1	7.0	7.2	7.2	7.9	7.0	7.6	7.8	7.7	7.2
25 years and over .....	3.6	3.3	3.5	3.5	3.3	3.2	3.1	3.1	3.2	3.2	3.0	3.2	3.0
25 to 54 years .....	3.7	3.4	3.5	3.6	3.4	3.4	3.2	3.3	3.2	3.3	3.0	3.3	3.2
55 years and over .....	3.1	2.6	3.3	2.8	2.4	2.1	2.5	2.6	2.9	3.1	3.3	2.7	2.0

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.



## A-11. Unemployment rates by occupation, industry, and selected demographic characteristics, seasonally adjusted

(Percent)

Category	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
<b>CHARACTERISTIC</b>													
Total .....	4.3	4.2	4.3	4.3	4.2	4.2	4.1	4.1	4.1	4.0	4.1	4.1	3.9
Men, 20 years and over .....	3.5	3.6	3.5	3.5	3.5	3.4	3.5	3.3	3.3	3.3	3.4	3.3	3.2
Women, 20 years and over .....	4.0	3.7	3.8	3.9	3.7	3.7	3.5	3.6	3.6	3.7	3.5	3.6	3.5
Both sexes, 16 to 19 years .....	14.1	13.1	13.6	13.2	13.5	14.6	13.8	14.0	13.8	12.6	14.1	13.3	12.7
White .....	3.8	3.7	3.8	3.7	3.7	3.6	3.5	3.5	3.5	3.4	3.6	3.6	3.5
Black and other .....	7.0	6.8	6.7	7.2	6.8	7.2	7.2	7.1	7.0	7.1	6.9	6.6	6.3
Black .....	7.8	7.6	7.6	8.6	7.8	8.3	8.3	8.0	7.9	8.2	7.8	7.3	7.2
Hispanic origin .....	6.8	6.7	6.6	6.3	6.5	6.6	6.3	6.1	5.9	5.6	5.7	6.3	5.4
Married men, spouse present .....	2.3	2.3	2.2	2.3	2.3	2.2	2.2	2.1	2.2	2.0	2.1	2.0	1.8
Married women, spouse present .....	2.9	2.6	2.7	2.8	2.7	2.6	2.5	2.5	2.5	2.6	2.6	2.7	2.6
Women who maintain families .....	7.1	6.0	6.5	6.4	6.3	6.4	6.0	6.0	6.2	6.2	6.1	6.8	6.3
<b>OCCUPATION<sup>1</sup></b>													
Managerial and professional specialty .....	1.9	2.0	2.0	1.9	1.8	1.8	1.8	1.8	1.7	1.8	1.6	1.8	1.7
Technical, sales, and administrative support .....	3.8	3.4	3.6	3.9	3.6	3.5	3.5	3.6	3.6	3.4	3.7	3.5	3.3
Precision production, craft, and repair .....	3.8	4.0	4.7	3.9	4.5	3.9	4.0	3.7	4.0	3.7	4.2	3.8	3.5
Operators, fabricators, and laborers .....	6.5	6.4	6.1	6.3	6.2	6.4	6.3	6.2	6.1	6.1	6.1	6.4	6.6
Farming, forestry, and fishing .....	7.1	7.6	7.1	6.5	6.4	5.3	5.8	6.7	5.8	4.7	5.7	5.1	7.0
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	4.4	4.3	4.4	4.4	4.2	4.3	4.2	4.2	4.1	4.2	4.2	4.3	4.0
Goods-producing industries .....	4.5	4.5	4.7	4.4	4.8	4.8	4.5	4.2	4.4	4.1	4.4	4.6	4.3
Mining .....	8.4	5.9	4.8	6.0	4.2	6.7	5.0	4.6	4.1	2.6	4.0	2.5	2.8
Construction .....	7.3	7.2	7.3	6.9	7.6	6.9	6.7	5.7	6.6	6.4	7.5	6.9	5.2
Manufacturing .....	3.4	3.5	3.7	3.5	3.8	3.9	3.7	3.7	3.6	3.2	3.3	3.9	4.0
Durable goods .....	3.2	3.4	3.5	3.7	3.7	4.0	3.5	3.7	3.6	2.8	3.0	3.0	3.9
Nondurable goods .....	3.9	3.8	4.0	3.1	4.1	3.9	4.0	3.7	3.5	3.9	3.8	5.2	4.1
Service-producing industries .....	4.3	4.2	4.3	4.4	4.0	4.1	4.1	4.1	4.0	4.3	4.1	4.2	3.9
Transportation and public utilities .....	2.9	3.2	2.9	3.4	3.0	2.8	3.1	3.3	3.0	3.7	3.2	3.1	2.9
Wholesale and retail trade .....	5.4	5.3	5.3	5.2	4.8	5.2	4.9	5.3	5.2	5.1	5.3	5.4	4.9
Finance, insurance, and real estate .....	3.2	2.2	2.4	2.4	2.4	2.3	2.3	2.3	2.1	2.5	2.9	2.4	2.6
Services .....	4.1	4.0	4.2	4.4	4.0	4.1	4.0	3.9	3.8	4.2	3.7	4.0	3.7
Government workers .....	2.4	2.5	2.3	2.2	2.1	2.0	2.1	2.0	2.1	2.1	2.2	1.7	1.7
Agricultural wage and salary workers .....	9.5	10.1	9.3	9.0	9.6	5.7	7.7	8.3	7.1	5.0	6.5	5.6	8.4

<sup>1</sup> Seasonally adjusted data for service occupations are not available because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-12. Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reason	1999										2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.
<b>NUMBER OF UNEMPLOYED</b>														
Job losers and persons who completed temporary jobs .....	2,695	2,678	2,670	2,670	2,629	2,573	2,518	2,493	2,401	2,477	2,616	2,541	2,306	
On temporary layoff .....	843	837	876	847	893	869	802	851	795	739	838	781	703	
Not on temporary layoff .....	1,852	1,841	1,794	1,823	1,736	1,704	1,716	1,642	1,606	1,739	1,778	1,759	1,602	
Job leavers .....	810	781	831	768	793	758	778	821	825	776	759	824	833	
Reentrants .....	2,039	2,034	2,038	2,003	1,942	1,967	1,958	1,935	2,036	2,043	1,975	1,979	1,961	
New entrants .....	473	440	359	459	481	504	511	485	453	393	387	434	408	
<b>PERCENT DISTRIBUTION</b>														
Job losers and persons who completed temporary jobs .....	44.8	45.1	45.3	45.3	45.0	44.3	43.7	43.5	42.0	43.5	45.6	44.0	41.9	
On temporary layoff .....	14.0	14.1	14.9	14.4	15.3	15.0	13.9	14.8	13.9	13.0	14.6	13.5	12.8	
Not on temporary layoff .....	30.8	31.0	30.4	30.9	29.7	29.4	29.8	28.6	28.1	30.6	31.0	30.5	29.1	
Job leavers .....	13.5	13.2	14.1	13.0	13.6	13.1	13.5	14.3	14.4	13.6	13.2	14.3	15.1	
Reentrants .....	33.9	34.3	34.6	33.9	33.2	33.9	34.0	33.7	35.6	35.9	34.4	34.3	35.6	
New entrants .....	7.9	7.4	6.1	7.8	8.2	8.7	8.9	8.5	7.9	6.9	6.7	7.5	7.4	
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>														
Job losers and persons who completed temporary jobs .....	1.9	1.9	1.9	1.9	1.9	1.8	1.8	1.8	1.7	1.8	1.9	1.8	1.6	
Job leavers .....	.6	.6	.6	.6	.6	.5	.6	.6	.6	.6	.5	.6	.6	
Reentrants .....	1.5	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.5	1.4	1.4	1.4	1.4	
New entrants .....	.3	.3	.3	.3	.3	.4	.4	.3	.3	.3	.3	.3	.3	

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**A-13. Unemployed persons by duration of unemployment, seasonally adjusted**

(Numbers in thousands)

Duration	1999										2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar.	Apr.
<b>NUMBER OF UNEMPLOYED</b>														
Less than 5 weeks .....	2,741	2,502	2,540	2,640	2,599	2,582	2,545	2,601	2,620	2,447	2,603	2,824	2,455	
5 to 14 weeks .....	1,868	1,832	1,775	1,778	1,798	1,805	1,811	1,760	1,694	1,754	1,864	1,719	1,868	
15 weeks and over .....	1,474	1,519	1,634	1,511	1,463	1,412	1,434	1,401	1,388	1,372	1,277	1,295	1,250	
15 to 26 weeks .....	794	784	806	779	747	708	719	725	693	667	673	657	670	
27 weeks and over .....	680	735	828	732	716	704	715	676	695	705	604	637	580	
Average (mean) duration, in weeks .....	13.2	13.4	14.3	13.5	13.2	13.0	13.2	13.0	12.8	13.2	12.5	12.8	12.4	
Median duration, in weeks .....	6.1	6.6	6.3	5.8	6.4	5.9	6.3	6.2	5.9	5.7	6.1	6.0	6.0	
<b>PERCENT DISTRIBUTION</b>														
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
Less than 5 weeks .....	45.1	42.7	42.7	44.5	44.4	44.5	44.0	45.1	45.9	43.9	45.3	48.4	44.1	
5 to 14 weeks .....	30.7	31.3	29.8	30.0	30.7	31.1	31.3	30.5	29.7	31.5	32.5	29.4	33.5	
15 weeks and over .....	24.2	26.0	27.5	25.5	25.0	24.3	24.8	24.3	24.3	24.6	22.2	22.2	22.4	
15 to 26 weeks .....	13.1	13.4	13.5	13.1	12.7	12.2	12.4	12.6	12.2	12.0	11.7	11.3	12.0	
27 weeks and over .....	11.2	12.6	13.9	12.3	12.2	12.1	12.3	11.7	12.2	12.7	10.5	10.9	10.4	

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

## A-14. Employment status of the civilian noninstitutional population by age, sex, and race

(Numbers in thousands)

Age, sex, and race	Civilian noninstitutional population	April 2000								Not in labor force
		Total	Percent of population	Civilian labor force				Number	Percent of labor force	
				Total	Percent of population	Employed				
						Agri-culture	Nonagri-cultural industries			
<b>TOTAL</b>										
16 years and over .....	209,216	140,403	67.1	135,215	64.6	3,330	131,885	5,188	3.7	68,813
16 to 19 years .....	16,104	7,998	49.7	7,042	43.7	210	6,832	956	12.0	8,106
16 to 17 years .....	8,041	3,063	38.1	2,589	32.2	94	2,495	474	15.5	4,978
18 to 19 years .....	8,062	4,935	61.2	4,453	55.2	116	4,336	482	9.8	3,128
20 to 24 years .....	18,268	14,104	77.2	13,149	72.0	304	12,846	954	6.8	4,165
25 to 54 years .....	118,626	100,204	84.5	97,331	82.0	2,103	95,228	2,874	2.9	18,422
25 to 34 years .....	37,525	31,992	85.3	30,900	82.3	726	30,174	1,092	3.4	5,533
25 to 29 years .....	18,102	15,402	85.1	14,789	81.7	362	14,427	613	4.0	2,700
30 to 34 years .....	19,423	16,590	85.4	16,111	82.9	364	15,747	479	2.9	2,833
35 to 44 years .....	44,551	37,937	85.2	36,791	82.6	795	35,996	1,146	3.0	6,614
35 to 39 years .....	22,079	18,746	84.9	18,202	82.4	343	17,859	544	2.9	3,334
40 to 44 years .....	22,472	19,191	85.4	18,589	82.7	452	18,137	602	3.1	3,281
45 to 54 years .....	36,550	30,275	82.8	29,640	81.1	582	29,057	636	2.1	6,275
45 to 49 years .....	19,718	16,657	84.5	16,315	82.7	334	15,981	343	2.1	3,061
50 to 54 years .....	16,832	13,618	80.9	13,325	79.2	248	13,077	293	2.2	3,214
55 to 64 years .....	23,525	13,912	59.1	13,622	57.9	420	13,202	290	2.1	9,613
55 to 59 years .....	13,063	8,965	68.6	8,800	67.4	228	8,571	165	1.8	4,097
60 to 64 years .....	10,463	4,947	47.3	4,822	46.1	192	4,630	125	2.5	5,516
65 years and over .....	32,693	4,185	12.8	4,071	12.5	293	3,778	114	2.7	28,507
65 to 69 years .....	9,286	2,243	24.2	2,177	23.4	134	2,044	66	2.9	7,043
70 to 74 years .....	8,529	1,146	13.4	1,119	13.1	82	1,037	27	2.4	7,383
75 years and over .....	14,878	796	5.4	775	5.2	77	698	21	2.6	14,082
<b>Men</b>										
16 years and over .....	100,487	74,747	74.4	71,979	71.6	2,405	69,575	2,768	3.7	25,740
16 to 19 years .....	8,184	4,131	50.5	3,590	43.9	152	3,438	541	13.1	4,053
16 to 17 years .....	4,126	1,574	38.2	1,300	31.5	66	1,234	274	17.4	2,551
18 to 19 years .....	4,058	2,557	63.0	2,290	56.4	86	2,204	267	10.4	1,501
20 to 24 years .....	9,056	7,401	81.7	6,889	76.1	222	6,668	512	6.9	1,655
25 to 54 years .....	58,142	53,284	91.6	51,823	89.1	1,524	50,300	1,460	2.7	4,858
25 to 34 years .....	18,390	17,179	93.4	16,624	90.4	538	16,087	555	3.2	1,210
25 to 29 years .....	8,829	8,148	92.3	7,825	88.6	275	7,550	323	4.0	681
30 to 34 years .....	9,560	9,031	94.5	8,799	92.0	262	8,537	232	2.6	529
35 to 44 years .....	21,916	20,331	92.8	19,778	90.2	571	19,207	553	2.7	1,585
35 to 39 years .....	10,851	10,146	93.5	9,900	91.2	271	9,629	246	2.4	706
40 to 44 years .....	11,065	10,185	92.1	9,878	89.3	300	9,578	307	3.0	880
45 to 54 years .....	17,836	15,774	88.4	15,421	86.5	415	15,006	353	2.2	2,062
45 to 49 years .....	9,644	8,674	89.9	8,491	88.0	239	8,253	182	2.1	970
50 to 54 years .....	8,193	7,100	86.7	6,930	84.6	176	6,754	170	2.4	1,092
55 to 64 years .....	11,183	7,539	67.4	7,365	65.9	279	7,087	174	2.3	3,644
55 to 59 years .....	6,234	4,753	76.2	4,663	74.8	134	4,530	90	1.9	1,481
60 to 64 years .....	4,949	2,786	56.3	2,702	54.6	145	2,557	84	3.0	2,163
65 years and over .....	13,922	2,392	17.2	2,311	16.6	228	2,083	81	3.4	11,530
65 to 69 years .....	4,289	1,245	29.0	1,203	28.1	109	1,095	42	3.3	3,044
70 to 74 years .....	3,801	689	18.1	668	17.6	56	613	21	3.1	3,111
75 years and over .....	5,832	458	7.8	439	7.5	64	376	18	4.0	5,375
<b>Women</b>										
16 years and over .....	108,729	65,656	60.4	63,236	58.2	926	62,311	2,420	3.7	43,073
16 to 19 years .....	7,920	3,867	48.8	3,452	43.6	58	3,393	415	10.7	4,053
16 to 17 years .....	3,916	1,489	38.0	1,289	32.9	28	1,261	200	13.4	2,427
18 to 19 years .....	4,004	2,378	59.4	2,163	54.0	31	2,132	215	9.0	1,626
20 to 24 years .....	9,212	6,703	72.8	6,260	68.0	82	6,178	443	6.6	2,510
25 to 54 years .....	60,484	46,921	77.6	45,507	75.2	579	44,928	1,413	3.0	13,564
25 to 34 years .....	19,136	14,813	77.4	14,276	74.6	188	14,088	537	3.6	4,322
25 to 29 years .....	9,272	7,254	78.2	6,964	75.1	86	6,877	290	4.0	2,018
30 to 34 years .....	9,863	7,559	76.6	7,312	74.1	102	7,210	247	3.3	2,304
35 to 44 years .....	22,635	17,606	77.8	17,013	75.2	224	16,789	593	3.4	5,029
35 to 39 years .....	11,228	8,600	76.6	8,302	73.9	72	8,230	298	3.5	2,628
40 to 44 years .....	11,407	9,006	79.0	8,711	76.4	152	8,559	295	3.3	2,401
45 to 54 years .....	18,714	14,502	77.5	14,218	76.0	167	14,051	283	2.0	4,212
45 to 49 years .....	10,075	7,984	79.2	7,824	77.7	95	7,728	160	2.0	2,091
50 to 54 years .....	8,639	6,518	75.4	6,395	74.0	72	6,323	123	1.9	2,121
55 to 64 years .....	12,342	6,373	51.6	6,257	50.7	142	6,115	116	1.8	5,969
55 to 59 years .....	6,828	4,212	61.7	4,137	60.6	95	4,042	75	1.8	2,616
60 to 64 years .....	5,514	2,161	39.2	2,120	38.5	47	2,073	41	1.9	3,353
65 years and over .....	18,771	1,793	9.6	1,761	9.4	65	1,696	33	1.8	16,977
65 to 69 years .....	4,997	998	20.0	974	19.5	25	949	24	2.4	3,999
70 to 74 years .....	4,728	457	9.7	451	9.5	26	425	6	1.3	4,272
75 years and over .....	9,045	339	3.7	336	3.7	14	322	3	.8	8,707

See footnotes at end of table.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-14. Employment status of the civilian noninstitutional population by age, sex, and race — Continued**

(Numbers in thousands)

Age, sex, and race	April 2000									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>WHITE</b>										
16 years and over .....	174,092	117,281	67.4	113,458	65.2	3,096	110,362	3,823	3.3	56,811
16 to 19 years .....	12,716	6,791	53.4	6,030	47.4	192	5,838	761	11.2	5,925
16 to 17 years .....	6,317	2,654	42.0	2,260	35.8	86	2,174	394	14.9	3,663
18 to 19 years .....	6,399	4,136	64.6	3,770	58.9	106	3,664	366	8.9	2,262
20 to 24 years .....	14,626	11,531	78.8	10,911	74.6	288	10,623	620	5.4	3,095
25 to 54 years .....	97,620	83,105	85.1	81,006	83.0	1,952	79,054	2,099	2.5	14,515
25 to 34 years .....	30,041	25,756	85.7	24,984	83.2	686	24,299	772	3.0	4,284
25 to 29 years .....	14,358	12,348	86.0	11,919	83.0	344	11,575	429	3.5	2,009
30 to 34 years .....	15,683	13,408	85.5	13,065	83.3	341	12,724	343	2.6	2,275
35 to 44 years .....	36,728	31,477	85.7	30,639	83.4	728	29,912	838	2.7	5,252
35 to 39 years .....	18,173	15,515	85.4	15,103	83.1	320	14,783	412	2.7	2,657
40 to 44 years .....	18,556	15,961	86.0	15,536	83.7	407	15,129	425	2.7	2,594
45 to 54 years .....	30,851	25,872	83.9	25,382	82.3	539	24,843	489	1.9	4,979
45 to 49 years .....	16,477	14,107	85.6	13,864	84.1	317	13,547	243	1.7	2,370
50 to 54 years .....	14,373	11,764	81.8	11,518	80.1	222	11,296	246	2.1	2,609
55 to 64 years .....	20,217	12,117	59.9	11,870	58.7	389	11,482	246	2.0	8,101
55 to 59 years .....	11,248	7,809	69.4	7,662	68.1	218	7,444	147	1.9	3,439
60 to 64 years .....	8,970	4,308	48.0	4,208	46.9	171	4,037	100	2.3	4,662
65 years and over .....	28,913	3,737	12.9	3,640	12.6	275	3,366	97	2.6	25,176
65 to 69 years .....	7,995	1,973	24.7	1,916	24.0	123	1,793	57	2.9	6,022
70 to 74 years .....	7,516	1,038	13.8	1,018	13.5	79	939	19	1.9	6,478
75 years and over .....	13,402	727	5.4	706	5.3	73	633	21	2.9	12,675
<b>Men</b>										
16 years and over .....	84,472	63,489	75.2	61,413	72.7	2,226	59,187	2,076	3.3	20,983
16 to 19 years .....	6,502	3,531	54.3	3,086	47.5	142	2,943	445	12.6	2,971
16 to 17 years .....	3,253	1,366	42.0	1,139	35.0	62	1,077	226	16.6	1,888
18 to 19 years .....	3,249	2,165	66.7	1,946	59.9	80	1,866	219	10.1	1,083
20 to 24 years .....	7,371	6,180	83.8	5,833	79.1	217	5,616	347	5.6	1,191
25 to 54 years .....	48,475	44,964	92.8	43,900	90.6	1,402	42,499	1,064	2.4	3,510
25 to 34 years .....	14,915	14,126	94.7	13,732	92.1	504	13,227	394	2.8	789
25 to 29 years .....	7,117	6,715	94.4	6,486	91.1	262	6,225	228	3.4	402
30 to 34 years .....	7,798	7,411	95.0	7,245	92.9	243	7,003	166	2.2	387
35 to 44 years .....	18,325	17,172	93.7	16,764	91.5	523	16,241	408	2.4	1,153
35 to 39 years .....	9,063	8,558	94.4	8,371	92.4	252	8,119	186	2.2	506
40 to 44 years .....	9,262	8,615	93.0	8,393	90.6	271	8,122	222	2.6	647
45 to 54 years .....	15,234	13,666	89.7	13,404	88.0	374	13,030	262	1.9	1,569
45 to 49 years .....	8,170	7,466	91.4	7,344	89.9	221	7,123	121	1.6	704
50 to 54 years .....	7,065	6,200	87.8	6,060	85.8	153	5,907	140	2.3	865
55 to 64 years .....	9,760	6,666	68.3	6,513	66.7	252	6,260	154	2.3	3,094
55 to 59 years .....	5,464	4,224	77.3	4,143	75.8	129	4,014	82	1.9	1,239
60 to 64 years .....	4,296	2,442	56.8	2,370	55.2	124	2,246	72	2.9	1,854
65 years and over .....	12,364	2,147	17.4	2,081	16.8	213	1,868	66	3.1	10,217
65 to 69 years .....	3,726	1,105	29.7	1,071	28.7	98	972	35	3.2	2,620
70 to 74 years .....	3,373	613	18.2	600	17.8	56	544	13	2.1	2,759
75 years and over .....	5,266	429	8.1	410	7.8	59	351	18	4.3	4,837
<b>Women</b>										
16 years and over .....	89,620	53,792	60.0	52,045	58.1	870	51,175	1,747	3.2	35,829
16 to 19 years .....	6,215	3,260	52.5	2,944	47.4	50	2,895	315	9.7	2,955
16 to 17 years .....	3,064	1,289	42.1	1,121	36.6	24	1,096	168	13.1	1,776
18 to 19 years .....	3,150	1,971	62.6	1,824	57.9	26	1,798	147	7.5	1,179
20 to 24 years .....	7,254	5,351	73.8	5,078	70.0	71	5,007	273	5.1	1,904
25 to 54 years .....	49,145	38,141	77.6	37,106	75.5	551	36,555	1,035	2.7	11,005
25 to 34 years .....	15,126	11,630	76.9	11,253	74.4	181	11,071	378	3.2	3,495
25 to 29 years .....	7,241	5,634	77.8	5,433	75.0	82	5,350	201	3.6	1,607
30 to 34 years .....	7,885	5,997	76.1	5,820	73.8	99	5,721	177	2.9	1,888
35 to 44 years .....	18,403	14,304	77.7	13,875	75.4	205	13,670	430	3.0	4,099
35 to 39 years .....	9,109	6,958	76.4	6,732	73.9	69	6,663	226	3.2	2,152
40 to 44 years .....	9,294	7,347	79.0	7,143	76.9	136	7,007	204	2.8	1,947
45 to 54 years .....	15,616	12,206	78.2	11,978	76.7	165	11,813	228	1.9	3,411
45 to 49 years .....	8,308	6,642	79.9	6,520	78.5	95	6,424	122	1.8	1,666
50 to 54 years .....	7,309	5,564	76.1	5,458	74.7	69	5,389	106	1.9	1,745
55 to 64 years .....	10,457	5,450	52.1	5,357	51.2	136	5,221	93	1.7	5,007
55 to 59 years .....	5,784	3,585	62.0	3,519	60.8	89	3,430	65	1.8	2,199
60 to 64 years .....	4,674	1,866	39.9	1,838	39.3	47	1,791	28	1.5	2,808
65 years and over .....	16,549	1,590	9.6	1,560	9.4	62	1,498	30	1.9	14,959
65 to 69 years .....	4,269	867	20.3	846	19.8	25	821	22	2.5	3,402
70 to 74 years .....	4,143	424	10.2	418	10.1	24	395	6	1.4	3,719
75 years and over .....	8,136	298	3.7	296	3.6	14	282	3	.9	7,838

See footnotes at end of table.

## A-14. Employment status of the civilian noninstitutional population by age, sex, and race — Continued

(Numbers in thousands)

Age, sex, and race	April 2000									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
BLACK										
16 years and over .....	25,135	16,504	65.7	15,412	61.3	177	15,235	1,092	6.6	8,631
16 to 19 years .....	2,473	886	35.8	724	29.3	15	709	162	18.3	1,587
16 to 17 years .....	1,248	285	22.8	223	17.9	4	219	62	21.8	963
18 to 19 years .....	1,225	601	49.1	501	40.9	10	491	100	16.6	624
20 to 24 years .....	2,672	1,981	74.2	1,683	63.0	16	1,667	299	15.1	691
25 to 54 years .....	14,876	12,113	81.4	11,522	77.5	112	11,410	590	4.9	2,763
25 to 34 years .....	5,151	4,326	84.0	4,085	79.3	37	4,049	240	5.6	825
25 to 29 years .....	2,531	2,079	82.2	1,942	76.8	16	1,927	137	6.6	451
30 to 34 years .....	2,620	2,246	85.7	2,143	81.8	21	2,122	104	4.6	374
35 to 44 years .....	5,660	4,688	82.8	4,441	78.5	42	4,399	247	5.3	972
35 to 39 years .....	2,863	2,396	83.7	2,293	80.1	15	2,277	104	4.3	467
40 to 44 years .....	2,797	2,292	81.9	2,149	76.8	27	2,122	143	6.2	505
45 to 54 years .....	4,065	3,099	76.2	2,996	73.7	33	2,962	103	3.3	966
45 to 49 years .....	2,324	1,796	77.3	1,723	74.2	12	1,712	72	4.0	528
50 to 54 years .....	1,741	1,303	74.9	1,273	73.1	22	1,251	31	2.4	437
55 to 64 years .....	2,351	1,222	52.0	1,193	50.7	27	1,166	29	2.4	1,129
55 to 59 years .....	1,305	805	61.7	796	60.9	7	789	10	1.2	500
60 to 64 years .....	1,046	417	39.8	397	38.0	21	377	19	4.6	629
65 years and over .....	2,763	301	10.9	290	10.5	7	283	11	3.8	2,461
65 to 69 years .....	925	180	19.4	174	18.8	2	172	6	3.2	745
70 to 74 years .....	736	72	9.8	66	9.0	-	66	6	( <sup>1</sup> )	664
75 years and over .....	1,102	50	4.5	50	4.5	5	45	-	( <sup>1</sup> )	1,052
Men										
16 years and over .....	11,280	7,747	68.7	7,202	63.8	140	7,062	544	7.0	3,534
16 to 19 years .....	1,215	422	34.8	344	28.3	10	335	78	18.4	793
16 to 17 years .....	627	136	21.7	97	15.5	4	93	39	28.4	491
18 to 19 years .....	588	286	48.7	247	42.0	6	242	39	13.7	302
20 to 24 years .....	1,226	932	76.1	787	64.2	5	782	146	15.6	294
25 to 54 years .....	6,737	5,674	84.2	5,370	79.7	95	5,275	304	5.4	1,063
25 to 34 years .....	2,303	1,992	86.5	1,861	80.8	30	1,832	131	6.6	310
25 to 29 years .....	1,117	920	82.4	840	75.2	12	828	80	8.7	197
30 to 34 years .....	1,186	1,072	90.4	1,021	86.1	18	1,003	51	4.7	114
35 to 44 years .....	2,593	2,244	86.5	2,132	82.3	34	2,098	111	5.0	349
35 to 39 years .....	1,304	1,155	88.6	1,111	85.2	15	1,096	44	3.8	149
40 to 44 years .....	1,289	1,088	84.5	1,021	79.2	19	1,002	67	6.2	200
45 to 54 years .....	1,842	1,438	78.1	1,376	74.7	31	1,345	61	4.3	404
45 to 49 years .....	1,056	833	78.8	793	75.1	12	781	40	4.8	223
50 to 54 years .....	785	605	77.0	583	74.3	34	564	21	3.5	181
55 to 64 years .....	1,006	578	57.4	569	56.6	23	547	8	1.4	428
55 to 59 years .....	566	370	65.4	369	65.1	2	367	2	.4	196
60 to 64 years .....	440	207	47.2	201	45.7	21	180	7	3.2	232
65 years and over .....	1,096	141	12.8	132	12.0	7	124	9	6.4	956
65 to 69 years .....	388	69	17.8	66	16.9	2	63	3	( <sup>1</sup> )	319
70 to 74 years .....	304	51	16.7	45	14.8	-	45	6	( <sup>1</sup> )	254
75 years and over .....	404	21	5.1	21	5.1	5	16	-	( <sup>1</sup> )	383
Women										
16 years and over .....	13,855	8,757	63.2	8,210	59.3	37	8,173	547	6.2	5,097
16 to 19 years .....	1,258	464	36.9	379	30.2	5	375	84	18.2	794
16 to 17 years .....	621	149	24.0	125	20.2	-	125	23	15.8	472
18 to 19 years .....	636	315	49.5	254	39.9	5	249	61	19.3	322
20 to 24 years .....	1,446	1,049	72.5	896	62.0	11	885	153	14.6	397
25 to 54 years .....	8,139	6,439	79.1	6,152	75.6	17	6,136	287	4.5	1,700
25 to 34 years .....	2,848	2,333	81.9	2,224	78.1	7	2,217	109	4.7	515
25 to 29 years .....	1,414	1,159	82.0	1,102	78.0	4	1,098	57	4.9	255
30 to 34 years .....	1,435	1,174	81.9	1,121	78.2	3	1,119	53	4.5	260
35 to 44 years .....	3,068	2,444	79.7	2,309	75.3	8	2,301	135	5.5	623
35 to 39 years .....	1,559	1,241	79.6	1,181	75.8	-	1,181	60	4.8	318
40 to 44 years .....	1,509	1,204	79.8	1,128	74.8	8	1,120	76	6.3	305
45 to 54 years .....	2,223	1,661	74.7	1,620	72.9	2	1,617	42	2.5	562
45 to 49 years .....	1,268	963	75.9	930	73.4	-	930	32	3.4	305
50 to 54 years .....	955	699	73.1	689	72.2	2	687	9	1.3	257
55 to 64 years .....	1,345	644	47.9	623	46.3	5	619	21	3.3	701
55 to 59 years .....	739	435	58.9	427	57.8	5	422	8	1.9	304
60 to 64 years .....	607	209	34.5	197	32.4	-	197	13	6.1	397
65 years and over .....	1,667	161	9.7	159	9.5	-	159	2	1.4	1,506
65 to 69 years .....	538	111	20.6	108	20.2	-	108	2	2.1	427
70 to 74 years .....	431	21	4.9	21	4.9	-	21	-	( <sup>1</sup> )	410
75 years and over .....	698	29	4.2	29	4.2	-	29	-	( <sup>1</sup> )	669

<sup>1</sup> Data not shown where base is less than 75,000.

the household survey.

NOTE: Beginning in January 2000, data reflect revised population controls used in

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-15. Employment status of the civilian noninstitutional population by race, sex, and age**

(Numbers in thousands)

Employment status and race	Total		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years	
	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
<b>TOTAL</b>								
Civilian noninstitutional population .....	207,236	209,216	91,302	92,303	99,923	100,809	16,011	16,104
Civilian labor force .....	138,240	140,403	69,848	70,616	60,604	61,790	7,787	7,998
Percent of population .....	66.7	67.1	76.5	76.5	60.7	61.3	48.6	49.7
Employed .....	132,552	135,215	67,463	68,389	58,354	59,785	6,735	7,042
Agriculture .....	3,320	3,330	2,339	2,252	777	867	204	210
Nonagricultural industries .....	129,232	131,885	65,124	66,136	57,577	58,917	6,531	6,832
Unemployed .....	5,688	5,188	2,385	2,227	2,250	2,005	1,052	956
Unemployment rate .....	4.1	3.7	3.4	3.2	3.7	3.2	13.5	12.0
Not in labor force .....	68,996	68,813	21,454	21,687	39,318	39,019	8,224	8,106
<b>White</b>								
Civilian noninstitutional population .....	172,730	174,092	77,265	77,970	82,798	83,406	12,667	12,716
Civilian labor force .....	115,633	117,281	59,548	59,958	49,486	50,532	6,599	6,791
Percent of population .....	66.9	67.4	77.1	76.9	59.8	60.6	52.1	53.4
Employed .....	111,439	113,458	57,758	58,327	47,862	49,101	5,819	6,030
Agriculture .....	3,095	3,096	2,165	2,084	739	820	191	192
Nonagricultural industries .....	108,344	110,362	55,594	56,244	47,122	48,281	5,628	5,838
Unemployed .....	4,194	3,823	1,790	1,631	1,624	1,431	780	761
Unemployment rate .....	3.6	3.3	3.0	2.7	3.3	2.8	11.8	11.2
Not in labor force .....	57,097	56,811	17,716	18,012	33,312	32,874	6,069	5,925
<b>Black</b>								
Civilian noninstitutional population .....	24,765	25,135	9,885	10,065	12,405	12,597	2,475	2,473
Civilian labor force .....	16,159	16,504	7,092	7,324	8,222	8,293	845	886
Percent of population .....	65.2	65.7	71.7	72.8	66.3	65.8	34.1	35.8
Employed .....	14,979	15,412	6,661	6,858	7,681	7,830	637	724
Agriculture .....	133	177	114	130	19	32	-	15
Nonagricultural industries .....	14,846	15,235	6,547	6,728	7,662	7,798	637	709
Unemployed .....	1,180	1,092	431	467	541	463	208	162
Unemployment rate .....	7.3	6.6	6.1	6.4	6.6	5.6	24.6	18.3
Not in labor force .....	8,606	8,631	2,793	2,741	4,184	4,304	1,630	1,587

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-16. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, educational attainment, sex, race, and Hispanic origin**

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic origin	April 2000									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
<b>TOTAL ENROLLED</b>										
Total, 16 to 24 years .....	18,628	9,009	48.4	8,281	1,565	6,717	728	202	526	8.1
16 to 19 years .....	12,784	5,505	43.1	4,943	449	4,494	562	112	450	10.2
20 to 24 years .....	5,845	3,504	60.0	3,339	1,116	2,223	166	90	76	4.7
High school .....	10,276	4,193	40.8	3,649	242	3,407	544	113	431	13.0
College .....	8,352	4,817	57.7	4,633	1,323	3,310	184	89	95	3.8
Full-time students .....	7,061	3,686	52.2	3,528	649	2,879	157	71	86	4.3
Part-time students .....	1,291	1,131	87.6	1,104	674	430	26	17	9	2.3
Men, 16 to 24 years .....	9,270	4,359	47.0	3,939	760	3,178	420	87	333	9.6
16 to 19 years .....	6,515	2,770	42.5	2,449	254	2,195	321	41	281	11.6
20 to 24 years .....	2,755	1,589	57.7	1,490	507	983	99	46	53	6.2
High school .....	5,429	2,240	41.3	1,924	177	1,748	315	45	271	14.1
College .....	3,842	2,119	55.2	2,014	583	1,431	105	42	63	4.9
Full-time students .....	3,276	1,626	49.6	1,537	282	1,255	90	36	54	5.5
Part-time students .....	565	493	87.2	478	302	176	15	6	9	3.1
Women, 16 to 24 years .....	9,358	4,650	49.7	4,343	804	3,538	307	115	192	6.6
16 to 19 years .....	6,268	2,735	43.6	2,494	195	2,299	241	71	169	8.8
20 to 24 years .....	3,089	1,916	62.0	1,849	609	1,239	67	44	23	3.5
High school .....	4,847	1,953	40.3	1,724	65	1,659	229	69	160	11.7
College .....	4,511	2,697	59.8	2,619	740	1,879	79	47	32	2.9
Full-time students .....	3,784	2,059	54.4	1,992	367	1,625	68	35	32	3.3
Part-time students .....	726	638	87.9	627	373	254	11	11	-	1.8
<b>White</b>										
Total, 16 to 24 years .....	14,745	7,600	51.5	7,034	1,294	5,740	566	141	424	7.4
16 to 19 years .....	10,057	4,696	46.7	4,255	366	3,889	442	75	367	9.4
20 to 24 years .....	4,688	2,904	61.9	2,779	928	1,851	124	66	58	4.3
Men .....	7,407	3,698	49.9	3,364	644	2,720	334	62	272	9.0
Women .....	7,338	3,901	53.2	3,670	650	3,020	232	80	152	5.9
High school .....	8,000	3,558	44.5	3,136	194	2,942	422	74	348	11.8
College .....	6,745	4,042	59.9	3,898	1,100	2,798	144	67	77	3.6
Full-time students .....	5,717	3,115	54.5	2,992	532	2,460	123	55	68	3.9
Part-time students .....	1,029	927	90.1	906	567	338	22	13	9	2.3
<b>Black</b>										
Total, 16 to 24 years .....	2,582	954	36.9	824	215	609	130	50	80	13.6
16 to 19 years .....	1,921	560	29.2	466	66	400	94	29	65	16.9
20 to 24 years .....	662	394	59.5	358	149	209	35	20	15	9.0
Men .....	1,221	435	35.6	367	94	273	68	18	50	15.6
Women .....	1,361	519	38.1	457	121	336	62	31	31	11.9
High school .....	1,663	474	28.5	370	40	330	104	34	70	21.9
College .....	920	480	52.2	454	175	279	26	16	10	5.5
Full-time students .....	738	331	44.9	308	84	224	24	13	10	7.1
Part-time students .....	181	149	82.2	146	91	55	3	3	-	1.8
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	2,000	787	39.3	673	179	494	114	39	75	14.5
16 to 19 years .....	1,583	509	32.1	419	51	367	90	25	65	17.7
20 to 24 years .....	417	278	66.7	254	127	127	24	13	10	8.6
Men .....	1,018	411	40.4	347	92	255	64	21	43	15.7
Women .....	982	375	38.2	326	87	239	49	17	32	13.2
High school .....	1,396	425	30.5	333	42	290	93	29	64	21.8
College .....	604	361	59.8	340	136	204	21	10	11	5.8
Full-time students .....	475	247	52.0	227	67	160	20	9	11	8.1
Part-time students .....	129	114	88.2	113	69	44	1	1	-	.8

See footnotes at end of table.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-16. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, educational attainment, sex, race, and Hispanic origin — Continued**

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic origin	April 2000									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	Percent of labor force
TOTAL NOT ENROLLED										
Total, 16 to 24 years .....	15,744	13,092	83.2	11,910	10,173	1,737	1,182	1,070	112	9.0
16 to 19 years .....	3,320	2,493	75.1	2,099	1,563	537	394	370	24	15.8
20 to 24 years .....	12,424	10,599	85.3	9,811	8,611	1,200	789	701	88	7.4
Less than a high school diploma .....	4,164	2,881	69.2	2,421	1,927	494	460	408	52	16.0
High school graduates, no college .....	6,784	5,850	86.2	5,339	4,556	783	512	481	30	8.7
Less than a bachelor's degree .....	3,368	3,028	89.9	2,862	2,487	375	166	136	30	5.5
College graduates .....	1,428	1,333	93.4	1,288	1,203	85	45	45	-	3.4
Men, 16 to 24 years .....	7,969	7,173	90.0	6,541	5,856	685	632	591	41	8.8
16 to 19 years .....	1,668	1,361	81.6	1,142	924	217	219	216	3	16.1
20 to 24 years .....	6,301	5,812	92.2	5,400	4,932	467	413	375	38	7.1
Less than a high school diploma .....	2,270	1,842	81.2	1,580	1,375	205	263	241	21	14.2
High school graduates, no college .....	3,547	3,273	92.3	3,023	2,687	336	250	244	6	7.6
Less than a bachelor's degree .....	1,617	1,535	94.9	1,433	1,314	120	101	88	14	6.6
College graduates .....	535	523	97.8	505	481	23	18	18	-	3.5
Women, 16 to 24 years .....	7,775	5,919	76.1	5,369	4,317	1,052	550	479	71	9.3
16 to 19 years .....	1,652	1,132	68.6	958	638	320	174	153	21	15.4
20 to 24 years .....	6,123	4,787	78.2	4,411	3,679	732	376	326	50	7.9
Less than a high school diploma .....	1,894	1,039	54.8	841	553	289	197	167	30	19.0
High school graduates, no college .....	3,237	2,577	79.6	2,316	1,869	447	262	237	24	10.2
Less than a bachelor's degree .....	1,750	1,493	85.3	1,429	1,174	255	65	48	16	4.3
College graduates .....	893	810	90.7	783	722	61	27	27	-	3.3
White										
Total, 16 to 24 years .....	12,597	10,722	85.1	9,907	8,470	1,437	815	739	76	7.6
16 to 19 years .....	2,659	2,094	78.8	1,775	1,322	454	319	300	19	15.2
20 to 24 years .....	9,938	8,627	86.8	8,132	7,148	984	496	438	57	5.7
Men .....	6,466	6,013	93.0	5,555	4,994	561	458	434	24	7.6
Women .....	6,131	4,709	76.8	4,352	3,476	876	357	305	52	7.6
Less than a high school diploma .....	3,263	2,355	72.2	2,027	1,625	402	328	296	32	13.9
High school graduates, no college .....	5,391	4,754	88.2	4,422	3,783	639	332	310	23	7.0
Less than a bachelor's degree .....	2,738	2,483	90.7	2,351	2,029	321	133	111	22	5.3
College graduates .....	1,205	1,129	93.7	1,107	1,032	75	22	22	-	1.9
Black										
Total, 16 to 24 years .....	2,563	1,914	74.7	1,583	1,366	217	331	297	34	17.3
16 to 19 years .....	552	326	59.0	258	195	63	68	62	5	20.8
20 to 24 years .....	2,011	1,588	79.0	1,325	1,171	154	263	235	28	16.6
Men .....	1,220	920	75.4	764	677	87	156	141	14	16.9
Women .....	1,343	994	74.0	819	689	130	175	156	19	17.6
Less than a high school diploma .....	789	449	56.9	322	245	77	127	110	18	28.3
High school graduates, no college .....	1,174	924	78.7	762	647	116	162	154	7	17.5
Less than a bachelor's degree .....	487	430	88.4	398	374	25	32	24	9	7.5
College graduates .....	113	110	97.2	100	100	-	9	9	-	8.6
Hispanic origin										
Total, 16 to 24 years .....	2,979	2,379	79.9	2,182	1,920	261	198	184	14	8.3
16 to 19 years .....	751	555	73.9	477	384	93	78	77	1	14.1
20 to 24 years .....	2,228	1,825	81.9	1,705	1,536	168	120	107	13	6.6
Men .....	1,564	1,447	92.5	1,343	1,232	112	104	102	2	7.2
Women .....	1,414	932	65.9	838	689	149	94	82	12	10.1
Less than a high school diploma .....	1,532	1,126	73.5	995	863	132	131	121	10	11.7
High school graduates, no college .....	1,002	851	84.9	804	723	81	47	43	4	5.5
Less than a bachelor's degree .....	371	328	88.5	312	265	47	16	16	-	4.9
College graduates .....	74	74	( <sup>1</sup> )	71	69	2	3	3	-	( <sup>1</sup> )

<sup>1</sup> Data not shown where base is less than 75,000.

NOTE: In the summer months, the educational attainment levels of youth not enrolled in school are increased by the temporary movement of high school and college students into that group. 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. Beginning in January 2000, data reflect revised population controls used in the household survey.



**A-17. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, sex, race, and Hispanic origin**

(Numbers in thousands)

Educational attainment	Total		Men		Women		White		Black		Hispanic origin	
	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
<b>TOTAL</b>												
Civilian noninstitutional population .....	173,283	174,844	82,452	83,248	90,831	91,597	145,726	146,750	19,690	19,990	16,557	17,252
Civilian labor force .....	116,829	118,302	62,879	63,215	53,951	55,087	97,856	98,959	13,525	13,636	11,438	12,102
Percent of population .....	67.4	67.7	76.3	75.9	59.4	60.1	67.2	67.4	68.7	68.2	69.1	70.1
Employed .....	113,152	115,024	61,017	61,499	52,135	53,525	95,110	96,517	12,800	13,005	10,815	11,612
Employment-population ratio .....	65.3	65.8	74.0	73.9	57.4	58.4	65.3	65.8	65.0	65.1	65.3	67.3
Unemployed .....	3,677	3,278	1,861	1,716	1,816	1,562	2,745	2,442	724	631	623	490
Unemployment rate .....	3.1	2.8	3.0	2.7	3.4	2.8	2.8	2.5	5.4	4.6	5.4	4.1
<b>Less than a high school diploma</b>												
Civilian noninstitutional population .....	27,991	28,069	13,205	13,085	14,786	14,984	22,310	22,380	4,322	4,327	7,021	7,192
Civilian labor force .....	11,971	12,007	7,319	7,189	4,653	4,818	9,593	9,683	1,730	1,680	4,085	4,290
Percent of population .....	42.8	42.8	55.4	54.9	31.5	32.2	43.0	43.3	40.0	38.8	58.2	59.7
Employed .....	11,170	11,286	6,894	6,849	4,275	4,437	9,031	9,164	1,542	1,522	3,800	4,038
Employment-population ratio .....	39.9	40.2	52.2	52.3	28.9	29.6	40.5	40.9	35.7	35.2	54.1	56.2
Unemployed .....	802	721	424	340	378	381	562	519	188	158	285	252
Unemployment rate .....	6.7	6.0	5.8	4.7	8.1	7.9	5.9	5.4	10.9	9.4	7.0	5.9
<b>High school graduates, no college</b>												
Civilian noninstitutional population .....	57,945	58,015	26,263	26,693	31,682	31,322	49,043	48,950	7,014	7,175	4,683	4,964
Civilian labor force .....	37,551	37,699	19,843	19,934	17,708	17,766	31,385	31,428	4,931	5,032	3,404	3,682
Percent of population .....	64.8	65.0	75.6	74.7	55.9	56.7	64.0	64.2	70.3	70.1	72.7	74.2
Employed .....	36,253	36,474	19,207	19,228	17,046	17,246	30,445	30,530	4,633	4,768	3,216	3,542
Employment-population ratio .....	62.6	62.9	73.1	72.0	53.8	55.1	62.1	62.4	66.1	66.4	68.7	71.4
Unemployed .....	1,297	1,226	635	706	662	520	940	898	298	265	188	140
Unemployment rate .....	3.5	3.3	3.2	3.5	3.7	2.9	3.0	2.9	6.0	5.3	5.5	3.8
<b>Less than a bachelor's degree<sup>1</sup></b>												
Civilian noninstitutional population .....	43,059	43,896	19,955	20,190	23,104	23,705	36,139	36,975	5,182	5,279	3,020	3,187
Civilian labor force .....	31,889	32,522	16,164	16,317	15,725	16,205	26,421	27,051	4,138	4,205	2,422	2,515
Percent of population .....	74.1	74.1	81.0	80.8	68.1	68.4	73.1	73.2	79.9	79.7	80.2	78.9
Employed .....	30,953	31,684	15,723	15,918	15,230	15,766	25,696	26,412	3,982	4,058	2,319	2,455
Employment-population ratio .....	71.9	72.2	78.8	78.8	65.9	66.5	71.1	71.4	76.8	76.9	76.8	77.0
Unemployed .....	936	838	442	398	495	439	724	639	156	147	103	59
Unemployment rate .....	2.9	2.6	2.7	2.4	3.1	2.7	2.7	2.4	3.8	3.5	4.3	2.4
<b>Some college, no degree</b>												
Civilian noninstitutional population .....	30,197	30,364	14,179	14,290	16,019	16,074	25,142	25,402	3,883	3,890	2,233	2,322
Civilian labor force .....	21,896	21,989	11,259	11,312	10,637	10,677	17,927	18,078	3,088	3,086	1,769	1,812
Percent of population .....	72.5	72.4	79.4	79.2	66.4	66.4	71.3	71.2	79.5	79.3	79.2	78.1
Employed .....	21,196	21,389	10,926	11,021	10,269	10,368	17,394	17,620	2,963	2,975	1,694	1,771
Employment-population ratio .....	70.2	70.4	77.1	77.1	64.1	64.5	69.2	69.4	76.3	76.5	75.9	76.3
Unemployed .....	700	600	333	291	367	309	532	458	125	111	74	41
Unemployment rate .....	3.2	2.7	3.0	2.6	3.5	2.9	3.0	2.5	4.0	3.6	4.2	2.3
<b>Associate degree</b>												
Civilian noninstitutional population .....	12,861	13,532	5,776	5,900	7,085	7,632	10,997	11,573	1,299	1,389	788	865
Civilian labor force .....	9,993	10,532	4,905	5,004	5,088	5,528	8,494	8,973	1,051	1,120	654	702
Percent of population .....	77.7	77.8	84.9	84.8	71.8	72.4	77.2	77.5	80.9	80.6	83.0	81.2
Employed .....	9,757	10,295	4,797	4,897	4,960	5,398	8,302	8,792	1,019	1,084	625	684
Employment-population ratio .....	75.9	76.1	83.0	83.0	70.0	70.7	75.5	76.0	78.4	78.0	79.3	79.1
Unemployed .....	236	238	108	107	128	130	192	180	32	36	29	18
Unemployment rate .....	2.4	2.3	2.2	2.1	2.5	2.4	2.3	2.0	3.0	3.2	4.4	2.6
<b>College graduates</b>												
Civilian noninstitutional population .....	44,289	44,864	23,029	23,279	21,259	21,585	38,233	38,446	3,171	3,209	1,832	1,910
Civilian labor force .....	35,418	36,074	19,553	19,775	15,865	16,298	30,456	30,797	2,726	2,718	1,527	1,615
Percent of population .....	80.0	80.4	84.9	85.0	74.6	75.5	79.7	80.1	85.9	84.7	83.4	84.6
Employed .....	34,776	35,581	19,193	19,504	15,583	16,076	29,938	30,410	2,643	2,657	1,480	1,576
Employment-population ratio .....	78.5	79.3	83.3	83.8	73.3	74.5	78.3	79.1	83.4	82.8	80.8	82.5
Unemployed .....	642	493	360	271	282	222	518	386	82	61	47	39
Unemployment rate .....	1.8	1.4	1.8	1.4	1.8	1.4	1.7	1.3	3.0	2.3	3.1	2.4

<sup>1</sup> Includes the categories, some college, no degree; and associate degree.

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. Beginning in January 2000 data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-18. Employed and unemployed full- and part-time workers by age, sex, and race**

(In thousands)

Age, sex, and race	April 2000									
	Employed <sup>1</sup>								Unemployed	
	Full-time workers				Part-time workers				Looking for full-time work	Looking for part-time work
	Total	At work		Not at work	Total	At work <sup>2</sup>		Not at work		
		35 hours or more	1 to 34 hours for economic or noneconomic reasons			Part time for economic reasons	Part time for noneconomic reasons			
<b>TOTAL</b>										
Total, 16 years and over .....	111,820	100,731	8,306	2,782	23,396	1,960	20,222	1,214	4,137	1,051
16 to 19 years .....	2,011	1,666	293	52	5,031	206	4,655	170	482	474
16 to 17 years .....	226	204	20	3	2,363	22	2,254	88	115	359
18 to 19 years .....	1,785	1,463	274	49	2,668	185	2,401	82	366	116
20 years and over .....	109,808	99,065	8,013	2,730	18,365	1,754	15,567	1,044	3,656	577
20 to 24 years .....	9,727	8,673	866	187	3,423	385	2,906	132	791	164
25 years and over .....	100,082	90,392	7,147	2,543	14,942	1,369	12,661	913	2,865	413
25 to 54 years .....	86,717	78,602	5,978	2,137	10,613	1,173	8,840	600	2,572	302
55 years and over .....	13,364	11,790	1,168	406	4,329	197	3,820	312	293	111
<b>Men, 16 years and over</b> .....	64,480	58,920	4,079	1,482	7,499	816	6,323	359	2,277	491
16 to 19 years .....	1,178	1,012	144	21	2,412	85	2,251	76	257	284
20 years and over .....	63,302	57,907	3,934	1,461	5,087	731	4,073	283	2,020	207
20 to 24 years .....	5,439	4,960	377	102	1,451	195	1,212	44	421	91
25 years and over .....	57,863	52,947	3,557	1,359	3,636	537	2,860	239	1,600	116
25 to 54 years .....	49,937	45,886	2,948	1,103	1,886	456	1,333	96	1,401	59
55 years and over .....	7,926	7,061	610	256	1,750	80	1,527	142	199	57
<b>Women, 16 years and over</b> .....	47,339	41,812	4,228	1,300	15,897	1,144	13,898	854	1,860	560
16 to 19 years .....	833	654	149	30	2,618	121	2,404	93	225	190
20 years and over .....	46,506	41,158	4,079	1,270	13,278	1,023	11,494	761	1,635	370
20 to 24 years .....	4,288	3,713	490	85	1,972	190	1,694	88	370	73
25 years and over .....	42,218	37,444	3,589	1,185	11,306	833	9,800	674	1,265	297
25 to 54 years .....	36,780	32,716	3,031	1,034	8,727	716	7,507	504	1,171	242
55 years and over .....	5,438	4,729	559	151	2,580	116	2,293	170	94	55
<b>White</b>										
<b>Men, 16 years and over</b> .....	55,042	50,326	3,476	1,239	6,371	596	5,468	307	1,678	398
16 to 19 years .....	1,016	873	125	18	2,070	58	1,947	65	208	237
20 years and over .....	54,026	49,453	3,352	1,221	4,301	538	3,521	242	1,470	161
20 to 24 years .....	4,622	4,205	327	90	1,211	160	1,011	39	287	60
25 years and over .....	49,404	45,248	3,025	1,131	3,090	378	2,510	203	1,182	101
25 to 54 years .....	42,381	39,005	2,462	914	1,519	319	1,128	72	1,013	51
55 years and over .....	7,023	6,243	563	217	1,571	59	1,381	131	169	50
<b>Women, 16 years and over</b> .....	38,142	33,616	3,506	1,020	13,903	860	12,304	738	1,306	440
16 to 19 years .....	672	530	115	27	2,272	111	2,085	77	167	148
20 years and over .....	37,470	33,087	3,391	993	11,631	749	10,220	662	1,139	292
20 to 24 years .....	3,454	2,980	415	59	1,624	132	1,417	75	217	55
25 years and over .....	34,016	30,107	2,975	934	10,007	617	8,803	587	922	237
25 to 54 years .....	29,403	26,130	2,471	802	7,703	519	6,749	436	845	190
55 years and over .....	4,613	3,977	505	132	2,304	98	2,054	151	76	47
<b>Black</b>										
<b>Men, 16 years and over</b> .....	6,467	5,844	448	175	735	174	525	36	472	72
16 to 19 years .....	136	115	18	3	208	20	183	6	40	37
20 years and over .....	6,331	5,729	430	172	527	154	342	30	432	34
20 to 24 years .....	635	577	45	12	152	26	121	5	119	26
25 years and over .....	5,696	5,152	385	159	375	128	221	26	313	8
25 to 54 years .....	5,123	4,640	352	132	247	111	122	14	296	8
55 years and over .....	573	512	33	28	128	17	99	12	17	-
<b>Women, 16 years and over</b> .....	6,881	6,117	570	194	1,329	209	1,030	91	462	85
16 to 19 years .....	124	104	20	-	255	7	238	10	51	33
20 years and over .....	6,757	6,012	550	194	1,074	201	792	81	411	52
20 to 24 years .....	686	593	70	23	211	48	152	11	136	17
25 years and over .....	6,071	5,420	480	171	863	154	640	69	275	35
25 to 54 years .....	5,494	4,895	439	161	658	147	459	52	259	28
55 years and over .....	577	524	41	11	205	7	182	17	16	8

<sup>1</sup> Employed persons are classified as full- or part-time workers based on their usual weekly hours at all jobs regardless of the number of hours they are at work during the reference week. Persons absent from work also are classified according to their usual status.

<sup>2</sup> Includes some persons at work 35 hours or more classified by their reason for working part time.

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-19. Employed persons by occupation, sex, and age**

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
Total .....	132,552	135,215	70,877	71,979	67,463	68,389	61,675	63,236	58,354	59,785
Managerial and professional specialty .....	40,526	40,745	20,446	20,604	20,327	20,480	20,080	20,142	19,918	19,974
Executive, administrative, and managerial .....	19,826	19,925	10,904	11,108	10,862	11,039	8,921	8,817	8,891	8,760
Officials and administrators, public administration .....	764	793	413	435	413	435	351	358	351	356
Other executive, administrative, and managerial .....	14,245	14,199	8,435	8,486	8,395	8,428	5,811	5,713	5,791	5,675
Management-related occupations .....	4,816	4,934	2,057	2,187	2,054	2,175	2,760	2,746	2,749	2,729
Professional specialty .....	20,700	20,821	9,542	9,496	9,464	9,441	11,158	11,325	11,027	11,215
Engineers .....	2,036	2,118	1,828	1,890	1,825	1,890	208	227	208	224
Mathematical and computer scientists .....	1,833	1,999	1,282	1,368	1,280	1,358	551	631	551	626
Natural scientists .....	561	525	390	345	390	345	171	180	169	180
Health diagnosing occupations .....	1,056	1,021	808	732	808	732	248	289	248	289
Health assessment and treating occupations .....	2,935	2,782	458	365	458	365	2,477	2,417	2,474	2,417
Teachers, college and university .....	1,039	942	597	533	589	532	442	408	425	406
Teachers, except college and university .....	5,486	5,579	1,311	1,328	1,292	1,317	4,175	4,252	4,105	4,175
Lawyers and judges .....	912	888	674	636	672	636	238	252	238	252
Other professional specialty occupations .....	4,842	4,967	2,195	2,299	2,151	2,267	2,647	2,668	2,609	2,646
Technical, sales, and administrative support .....	38,711	39,561	14,111	14,195	13,239	13,352	24,600	25,366	22,966	23,549
Technicians and related support .....	4,275	4,335	2,130	2,065	2,086	2,024	2,145	2,270	2,100	2,225
Health technologists and technicians .....	1,634	1,716	327	314	320	312	1,307	1,402	1,281	1,383
Engineering and science technicians .....	1,353	1,252	1,022	930	991	916	331	321	316	300
Technicians, except health, engineering, and science .....	1,287	1,367	781	820	775	796	507	547	504	543
Sales occupations .....	15,995	16,446	8,197	8,273	7,627	7,684	7,797	8,173	6,773	6,995
Supervisors and proprietors .....	4,909	4,894	2,960	2,883	2,952	2,855	1,949	2,011	1,933	1,982
Sales representatives, finance and business services .....	2,637	2,899	1,490	1,677	1,468	1,629	1,147	1,222	1,131	1,182
Sales representatives, commodities, except retail .....	1,618	1,624	1,182	1,187	1,172	1,180	436	437	415	429
Sales workers, retail and personal services .....	6,701	6,908	2,533	2,487	2,005	1,984	4,168	4,421	3,201	3,324
Sales-related occupations .....	130	120	32	39	29	36	98	82	93	78
Administrative support, including clerical .....	18,441	18,780	3,783	3,858	3,526	3,644	14,658	14,922	14,092	14,329
Supervisors .....	705	751	305	339	304	332	400	412	400	412
Computer equipment operators .....	346	295	133	144	129	140	213	151	211	151
Secretaries, stenographers, and typists .....	3,624	3,616	58	75	58	65	3,567	3,541	3,474	3,463
Financial records processing .....	2,077	2,221	187	177	184	176	1,891	2,043	1,857	2,008
Mail and message distributing .....	947	955	541	532	524	528	406	422	404	410
Other administrative support, including clerical .....	10,741	10,943	2,561	2,590	2,327	2,403	8,181	8,353	7,746	7,884
Service occupations .....	17,779	18,734	6,939	7,427	5,955	6,330	10,840	11,307	9,580	10,147
Private household .....	813	874	43	50	31	42	769	824	674	741
Protective service .....	2,334	2,440	1,921	2,005	1,886	1,971	413	436	393	416
Service, except private household and protective .....	14,631	15,420	4,974	5,373	4,037	4,317	9,657	10,047	8,513	8,990
Food service .....	6,237	6,305	2,607	2,717	1,833	1,867	3,631	3,588	2,846	2,880
Health service .....	2,528	2,737	278	276	271	265	2,249	2,461	2,140	2,349
Cleaning and building service .....	2,839	3,208	1,545	1,812	1,464	1,692	1,294	1,396	1,225	1,354
Personal service .....	3,027	3,170	544	569	470	492	2,483	2,602	2,303	2,408
Precision production, craft, and repair .....	14,533	14,530	13,179	13,101	12,918	12,817	1,354	1,430	1,318	1,402
Mechanics and repairers .....	4,944	4,937	4,681	4,660	4,602	4,572	263	277	251	277
Construction trades .....	5,662	5,789	5,491	5,620	5,346	5,477	171	169	164	160
Other precision production, craft, and repair .....	3,927	3,805	3,008	2,820	2,970	2,768	920	984	903	966
Operators, fabricators, and laborers .....	17,550	18,212	13,429	14,011	12,447	12,970	4,121	4,202	3,925	3,982
Machine operators, assemblers, and inspectors .....	7,262	7,433	4,652	4,842	4,462	4,660	2,610	2,591	2,534	2,502
Transportation and material moving occupations .....	5,233	5,441	4,713	4,917	4,586	4,740	521	524	506	504
Motor vehicle operators .....	3,951	4,106	3,470	3,639	3,377	3,498	481	467	466	447
Other transportation and material moving occupations .....	1,282	1,335	1,242	1,278	1,209	1,242	40	57	40	57
Handlers, equipment cleaners, helpers, and laborers .....	5,055	5,338	4,064	4,252	3,399	3,569	991	1,086	885	976
Construction laborers .....	844	939	811	889	763	834	33	50	33	45
Other handlers, equipment cleaners, helpers, and laborers .....	4,210	4,399	3,253	3,363	2,636	2,736	958	1,036	851	930
Farming, forestry, and fishing .....	3,454	3,432	2,774	2,642	2,577	2,440	680	790	647	730
Farm operators and managers .....	1,231	1,135	948	839	934	826	283	295	278	295
Other farming, forestry, and fishing occupations .....	2,223	2,298	1,826	1,802	1,643	1,614	397	495	369	435

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-20. Employed persons by occupation, race, and sex**

(Percent distribution)

Occupation and race	Total		Men		Women	
	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	132,552	135,215	70,877	71,979	61,675	63,236
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	30.6	30.1	28.8	28.6	32.6	31.9
Executive, administrative, and managerial .....	15.0	14.7	15.4	15.4	14.5	13.9
Professional specialty .....	15.6	15.4	13.5	13.2	18.1	17.9
Technical, sales, and administrative support .....	29.2	29.3	19.9	19.7	39.9	40.1
Technicians and related support .....	3.2	3.2	3.0	2.9	3.5	3.6
Sales occupations .....	12.1	12.2	11.6	11.5	12.6	12.9
Administrative support, including clerical .....	13.9	13.9	5.3	5.4	23.8	23.6
Service occupations .....	13.4	13.9	9.8	10.3	17.6	17.9
Private household .....	.6	.6	.1	.1	1.2	1.3
Protective service .....	1.8	1.8	2.7	2.8	.7	.7
Service, except private household and protective .....	11.0	11.4	7.0	7.5	15.7	15.9
Precision production, craft, and repair .....	11.0	10.7	18.6	18.2	2.2	2.3
Operators, fabricators, and laborers .....	13.2	13.5	18.9	19.5	6.7	6.6
Machine operators, assemblers, and inspectors .....	5.5	5.5	6.6	6.7	4.2	4.1
Transportation and material moving occupations .....	3.9	4.0	6.6	6.8	.8	.8
Handlers, equipment cleaners, helpers, and laborers .....	3.8	3.9	5.7	5.9	1.6	1.7
Farming, forestry, and fishing .....	2.6	2.5	3.9	3.7	1.1	1.2
<b>White</b>						
Total, 16 years and over (thousands) .....	111,439	113,458	60,731	61,413	50,708	52,045
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	31.6	31.0	29.9	29.4	33.7	32.8
Executive, administrative, and managerial .....	15.7	15.4	16.3	16.3	15.0	14.3
Professional specialty .....	15.9	15.6	13.6	13.2	18.6	18.5
Technical, sales, and administrative support .....	29.4	29.4	19.8	19.7	40.8	40.8
Technicians and related support .....	3.2	3.2	2.9	2.8	3.5	3.6
Sales occupations .....	12.5	12.6	11.9	12.1	13.2	13.2
Administrative support, including clerical .....	13.7	13.6	5.0	4.9	24.1	23.9
Service occupations .....	12.1	12.6	8.9	9.2	15.9	16.6
Private household .....	.6	.6	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.2
Protective service .....	1.6	1.6	2.5	2.6	.5	.6
Service, except private household and protective .....	9.9	10.4	6.3	6.6	14.2	14.8
Precision production, craft, and repair .....	11.5	11.3	19.3	19.0	2.1	2.3
Operators, fabricators, and laborers .....	12.6	12.9	17.9	18.7	6.2	6.1
Machine operators, assemblers, and inspectors .....	5.1	5.3	6.2	6.5	3.9	3.8
Transportation and material moving occupations .....	3.8	3.9	6.3	6.5	.8	.8
Handlers, equipment cleaners, helpers, and laborers .....	3.6	3.8	5.4	5.6	1.5	1.6
Farming, forestry, and fishing .....	2.8	2.8	4.2	4.0	1.3	1.5
<b>Black</b>						
Total, 16 years and over (thousands) .....	14,979	15,412	6,941	7,202	8,038	8,210
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	21.6	21.4	17.5	18.5	25.2	23.9
Executive, administrative, and managerial .....	9.8	10.0	8.3	9.5	11.0	10.4
Professional specialty .....	11.9	11.4	9.1	9.0	14.2	13.5
Technical, sales, and administrative support .....	27.9	28.7	19.0	17.9	35.6	38.1
Technicians and related support .....	3.1	3.1	3.3	2.8	2.9	3.4
Sales occupations .....	9.0	8.9	8.3	6.8	9.5	10.8
Administrative support, including clerical .....	15.9	16.6	7.5	8.3	23.2	23.9
Service occupations .....	22.6	22.7	16.7	18.8	27.7	26.2
Private household .....	1.0	.9	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.6
Protective service .....	3.0	3.2	4.7	5.2	1.6	1.6
Service, except private household and protective .....	18.6	18.5	11.9	13.5	24.4	23.0
Precision production, craft, and repair .....	8.3	7.9	15.4	14.7	2.2	1.8
Operators, fabricators, and laborers .....	18.3	18.3	29.0	28.0	9.0	9.8
Machine operators, assemblers, and inspectors .....	7.2	6.8	9.0	8.1	5.6	5.7
Transportation and material moving occupations .....	5.6	5.7	10.7	10.8	1.1	1.3
Handlers, equipment cleaners, helpers, and laborers .....	5.5	5.7	9.3	9.1	2.3	2.8
Farming, forestry, and fishing .....	1.3	1.1	2.5	2.1	.2	.1

<sup>1</sup> Less than 0.05 percent.

used in the household survey.

NOTE: Beginning in January 2000, data reflect revised population controls

**A-21. Employed persons by industry and occupation**

(In thousands)

Industry	April 2000												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service <sup>1</sup>		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture .....	3,330	112	108	62	23	115	—	13	43	15	45	19	2,775
Mining .....	548	84	51	17	3	42	—	2	219	11	97	23	—
Construction .....	8,876	1,231	172	63	104	379	—	25	5,199	126	541	1,022	14
Manufacturing .....	20,152	3,107	1,909	621	699	2,021	—	239	3,733	5,977	699	1,046	101
Durable goods .....	12,483	1,936	1,283	432	275	1,132	—	137	2,640	3,558	406	589	94
Nondurable goods .....	7,669	1,171	627	189	424	888	—	102	1,092	2,419	294	457	7
Transportation and public utilities .....	9,619	1,307	643	341	269	2,394	—	353	1,350	110	2,237	603	11
Wholesale and retail trade .....	27,785	2,620	567	248	11,698	2,216	—	5,395	1,512	340	1,099	1,997	93
Wholesale trade .....	5,531	654	120	46	2,312	846	—	66	358	149	475	442	62
Retail trade .....	22,254	1,967	446	202	9,386	1,370	—	5,329	1,153	191	623	1,555	31
Finance, insurance, and real estate .....	8,808	2,607	421	206	2,284	2,742	—	313	157	6	15	13	44
Services .....	50,034	7,481	15,998	2,572	1,331	7,470	874	9,780	2,135	804	647	566	377
Private households .....	982	4	4	2	—	—	874	54	—	—	6	—	38
Other service industries .....	49,052	7,477	15,995	2,569	1,331	7,470	—	9,726	2,135	804	641	566	339
Professional services .....	33,143	4,426	13,776	2,068	246	5,506	—	6,055	395	137	380	78	75
Public administration .....	6,064	1,377	951	206	35	1,403	—	1,741	182	45	60	48	16

<sup>1</sup> Includes protective service, not shown separately.

used in the household survey.

NOTE: Beginning in January 2000, data reflect revised population controls

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-22. Employed persons in agriculture and nonagricultural industries by age, sex, and class of worker**

(In thousands)

Age and sex	April 2000									
	Agriculture			Nonagricultural industries						
	Wage and salary workers	Self-employed workers	Unpaid family workers	Wage and salary workers					Self-employed workers	Unpaid family workers
				Total	Private industries			Government		
					Total	Private household workers	Other private industries			
Total, 16 years and over .....	2,048	1,247	36	122,992	103,558	982	102,576	19,434	8,794	99
16 to 19 years .....	183	20	7	6,766	6,438	103	6,335	328	51	14
16 to 17 years .....	77	15	2	2,473	2,405	47	2,357	69	14	8
18 to 19 years .....	106	5	6	4,293	4,034	56	3,978	259	37	6
20 to 24 years .....	260	34	10	12,617	11,523	131	11,392	1,094	229	-
25 to 34 years .....	531	195	-	28,743	24,850	134	24,716	3,893	1,413	18
35 to 44 years .....	503	279	14	33,401	28,201	222	27,979	5,199	2,572	23
45 to 54 years .....	351	230	1	26,595	20,634	180	20,454	5,961	2,441	21
55 to 64 years .....	146	275	-	11,784	9,388	147	9,241	2,396	1,407	11
65 years and over .....	74	215	3	3,086	2,523	64	2,459	563	680	12
Men, 16 years and over .....	1,499	886	20	64,254	56,003	90	55,913	8,251	5,296	24
16 to 19 years .....	130	17	6	3,400	3,273	16	3,257	127	34	5
16 to 17 years .....	54	12	-	1,222	1,198	5	1,193	24	7	5
18 to 19 years .....	76	5	6	2,178	2,075	10	2,064	103	26	-
20 to 24 years .....	198	21	3	6,553	6,080	15	6,065	473	115	-
25 to 34 years .....	397	141	-	15,320	13,615	12	13,603	1,705	762	5
35 to 44 years .....	349	214	8	17,655	15,500	21	15,479	2,154	1,551	2
45 to 54 years .....	272	142	1	13,496	11,083	12	11,070	2,413	1,507	3
55 to 64 years .....	94	185	-	6,208	5,119	10	5,109	1,089	873	5
65 years and over .....	58	167	3	1,623	1,333	4	1,329	289	455	5
Women, 16 years and over .....	549	360	16	58,738	47,555	892	46,663	11,184	3,498	75
16 to 19 years .....	53	4	2	3,366	3,165	88	3,078	201	18	9
16 to 17 years .....	22	4	2	1,251	1,206	42	1,164	45	7	3
18 to 19 years .....	31	-	-	2,115	1,959	46	1,913	156	11	6
20 to 24 years .....	61	13	7	6,064	5,443	116	5,327	621	114	-
25 to 34 years .....	134	54	-	13,424	11,235	122	11,113	2,189	651	13
35 to 44 years .....	154	65	6	15,746	12,701	202	12,499	3,045	1,022	21
45 to 54 years .....	79	87	1	13,099	9,551	167	9,384	3,548	933	19
55 to 64 years .....	52	90	-	5,576	4,269	137	4,132	1,307	533	6
65 years and over .....	16	48	1	1,463	1,190	60	1,130	273	226	7

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**A-23. Persons at work in agriculture and nonagricultural industries by hours of work**

Hours of work	April 2000					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	131,219	3,208	128,012	100.0	100.0	100.0
1 to 34 hours .....	29,656	861	28,795	22.6	26.8	22.5
1 to 4 hours .....	1,130	51	1,080	.9	1.6	.8
5 to 14 hours .....	4,758	219	4,538	3.6	6.8	3.5
15 to 29 hours .....	15,431	428	15,003	11.8	13.3	11.7
30 to 34 hours .....	8,337	163	8,174	6.4	5.1	6.4
35 hours and over .....	101,563	2,347	99,216	77.4	73.2	77.5
35 to 39 hours .....	8,708	197	8,511	6.6	6.1	6.6
40 hours .....	51,762	869	50,892	39.4	27.1	39.8
41 hours and over .....	41,093	1,281	39,812	31.3	39.9	31.1
41 to 48 hours .....	14,557	263	14,295	11.1	8.2	11.2
49 to 59 hours .....	15,440	441	14,999	11.8	13.8	11.7
60 hours and over .....	11,096	577	10,519	8.5	18.0	8.2
Average hours, total at work .....	39.8	41.3	39.7	-	-	-
Average hours, persons who usually work full time .....	43.7	47.3	43.6	-	-	-

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**A-24. Persons at work 1 to 34 hours in all and nonagricultural industries by reason for working less than 35 hours and usual full- or part-time status**

(Numbers in thousands)

Reason for working less than 35 hours	April 2000					
	All industries			Nonagricultural industries		
	Total	Usually work full time	Usually work part time	Total	Usually work full time	Usually work part time
Total, 16 years and over .....	29,656	8,306	21,350	28,795	8,073	20,723
Economic reasons .....	3,043	1,202	1,841	2,933	1,158	1,775
Slack work or business conditions .....	1,827	1,016	811	1,768	988	780
Could only find part-time work .....	986	-	986	957	-	957
Seasonal work .....	99	55	44	78	40	38
Job started or ended during week .....	130	130	-	130	130	-
Noneconomic reasons .....	26,614	7,105	19,509	25,862	6,914	18,948
Child-care problems .....	880	104	776	871	104	766
Other family or personal obligations .....	6,055	771	5,284	5,900	752	5,148
Health or medical limitations .....	734	-	734	710	-	710
In school or training .....	7,155	103	7,051	7,000	103	6,897
Retired or Social Security limit on earnings .....	1,965	-	1,965	1,857	-	1,857
Vacation or personal day .....	2,800	2,800	-	2,770	2,770	-
Holiday, legal or religious .....	89	89	-	89	89	-
Weather-related curtailment .....	448	448	-	369	369	-
All other reasons .....	6,487	2,789	3,698	6,296	2,726	3,569
Average hours:						
Economic reasons .....	24.1	25.1	23.4	24.1	25.1	23.5
Other reasons .....	21.1	25.3	19.5	21.2	25.4	19.6

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-25. Persons at work in nonagricultural industries by class of worker and usual full- or part-time status**

(Numbers in thousands)

Industry and class of worker	April 2000							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
Total, 16 years and over .....	128,012	28,795	2,933	6,914	18,948	99,216	39.7	43.6
Wage and salary workers .....	119,645	26,299	2,590	6,477	17,232	93,346	39.6	43.3
Mining .....	523	33	4	16	13	490	48.5	49.3
Construction .....	7,131	1,114	259	532	323	6,017	41.1	42.4
Manufacturing .....	19,314	1,876	226	968	683	17,438	42.7	43.5
Durable goods .....	11,987	1,071	98	667	307	10,916	43.0	43.6
Nondurable goods .....	7,327	805	128	301	376	6,522	42.1	43.4
Transportation and public utilities .....	8,930	1,355	193	498	664	7,575	42.1	44.1
Wholesale and retail trade .....	25,509	8,165	809	1,100	6,256	17,343	37.2	43.5
Finance, insurance, and real estate .....	7,916	1,232	66	444	722	6,684	40.8	43.0
Service industries .....	44,411	11,650	996	2,431	8,223	32,761	38.5	43.2
Private households .....	948	534	52	53	429	413	29.7	41.8
All other industries .....	43,463	11,116	944	2,378	7,794	32,347	38.7	43.3
Public administration .....	5,911	873	37	486	349	5,039	41.0	42.4
Self-employed workers .....	8,268	2,429	337	435	1,658	5,839	41.0	47.2
Unpaid family workers .....	99	67	7	3	57	32	31.0	( <sup>1</sup> )

<sup>1</sup> Data not shown where base is less than 75,000.

used in the household survey.

NOTE: Beginning in January 2000, data reflect revised population controls



**A-26. Persons at work in nonagricultural industries by age, sex, race, marital status, and usual full- or part-time status**

(Numbers in thousands)

Age, sex, race, and marital status	April 2000							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
<b>TOTAL</b>								
Total, 16 years and over .....	128,012	28,795	2,933	6,914	18,948	99,216	39.7	43.6
16 to 19 years .....	6,627	4,924	243	216	4,466	1,702	24.1	39.4
16 to 17 years .....	2,414	2,191	23	14	2,154	223	17.8	37.8
18 to 19 years .....	4,213	2,734	220	202	2,312	1,479	27.6	39.7
20 years and over .....	121,385	23,871	2,691	6,699	14,482	97,514	40.6	43.6
20 to 24 years .....	12,543	3,966	514	675	2,776	8,577	36.3	41.7
25 years and over .....	108,842	19,905	2,177	6,023	11,705	88,937	41.1	43.8
25 to 54 years .....	92,553	15,153	1,843	5,082	8,227	77,400	41.7	44.0
55 years and over .....	16,289	4,753	333	941	3,478	11,537	37.7	43.0
<b>Men, 16 years and over .....</b>	<b>67,793</b>	<b>10,450</b>	<b>1,375</b>	<b>3,261</b>	<b>5,815</b>	<b>57,343</b>	<b>42.6</b>	<b>45.0</b>
16 to 19 years .....	3,346	2,331	112	98	2,121	1,015	25.6	40.3
16 to 17 years .....	1,199	1,055	14	1	1,040	144	19.1	39.2
18 to 19 years .....	2,147	1,276	98	97	1,081	871	29.2	40.5
20 years and over .....	64,447	8,119	1,263	3,163	3,694	56,327	43.5	45.1
20 to 24 years .....	6,526	1,687	257	278	1,151	4,840	38.1	42.6
25 years and over .....	57,920	6,433	1,006	2,885	2,542	51,488	44.1	45.4
25 to 54 years .....	49,136	4,454	848	2,415	1,191	44,682	44.8	45.5
55 years and over .....	8,784	1,979	158	470	1,351	6,806	40.3	44.4
<b>Women, 16 years and over .....</b>	<b>60,219</b>	<b>18,345</b>	<b>1,559</b>	<b>3,653</b>	<b>13,133</b>	<b>41,874</b>	<b>36.5</b>	<b>41.6</b>
16 to 19 years .....	3,280	2,593	131	118	2,345	687	22.5	38.3
16 to 17 years .....	1,215	1,135	9	13	1,114	80	16.6	35.7
18 to 19 years .....	2,065	1,458	122	105	1,231	607	26.0	38.6
20 years and over .....	56,938	15,752	1,428	3,536	10,788	41,187	37.3	41.7
20 to 24 years .....	6,017	2,279	257	397	1,625	3,738	34.4	40.5
25 years and over .....	50,922	13,473	1,171	3,138	9,163	37,449	37.7	41.8
25 to 54 years .....	43,417	10,699	996	2,667	7,036	32,718	38.2	41.9
55 years and over .....	7,505	2,774	175	471	2,127	4,731	34.6	41.1
<b>Race</b>								
White, 16 years and over .....	107,174	24,701	2,283	5,798	16,621	82,472	39.7	43.8
Men .....	57,694	8,862	1,086	2,765	5,011	48,832	42.8	45.3
Women .....	49,480	15,839	1,196	3,033	11,609	33,641	36.2	41.6
Black, 16 years and over .....	14,742	2,821	492	857	1,472	11,921	39.7	42.2
Men .....	6,854	1,074	231	359	484	5,780	41.2	43.3
Women .....	7,888	1,747	261	498	988	6,141	38.3	41.2
<b>Marital status</b>								
Men, 16 years and over:								
Married, spouse present .....	40,620	4,206	536	1,972	1,698	36,414	44.5	45.7
Widowed, divorced, or separated .....	8,483	997	223	422	352	7,485	43.2	44.5
Single (never married) .....	18,691	5,247	616	867	3,765	13,443	38.1	43.4
Women, 16 years and over:								
Married, spouse present .....	32,032	9,660	562	1,956	7,141	22,372	36.5	41.5
Widowed, divorced, or separated .....	12,126	2,838	422	823	1,593	9,288	38.6	41.7
Single (never married) .....	16,061	5,847	574	874	4,399	10,214	34.9	41.7

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-27. Persons at work in nonfarm occupations by sex and usual full- or part-time status**

(Numbers in thousands)

Occupation and sex	April 2000							
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Average hours	
		Total	For economic reasons	For noneconomic reasons			Total at work	Persons who usually work full time
				Usually work full time	Usually work part time			
Total, 16 years and over <sup>1</sup> .....	127,918	28,723	2,917	6,887	18,919	99,195	39.7	43.6
Managerial and professional specialty .....	39,638	6,445	388	2,093	3,964	33,193	42.6	45.4
Executive, administrative, and managerial .....	19,470	2,451	161	953	1,336	17,019	44.4	46.3
Professional specialty .....	20,168	3,994	226	1,140	2,628	16,174	40.9	44.4
Technical, sales, and administrative support .....	38,346	10,239	767	2,119	7,353	28,107	37.9	42.5
Technicians and related support .....	4,203	815	37	290	487	3,389	39.6	42.3
Sales occupations .....	15,935	4,517	416	674	3,426	11,418	38.9	44.8
Administrative support, including clerical .....	18,208	4,908	313	1,155	3,440	13,300	36.5	40.7
Service occupations .....	18,138	7,045	812	888	5,345	11,092	34.8	42.2
Private household .....	840	483	46	44	393	357	29.1	41.4
Protective service .....	2,366	377	44	117	216	1,989	42.5	45.3
Service, except private household and protective .....	14,932	6,186	723	728	4,735	8,746	33.9	41.6
Precision production, craft, and repair .....	14,132	1,797	403	890	504	12,335	42.2	43.2
Operators, fabricators, and laborers .....	17,664	3,196	548	896	1,753	14,467	40.4	43.0
Machine operators, assemblers, and inspectors .....	7,224	831	159	367	305	6,393	41.5	42.5
Transportation and material moving occupations .....	5,243	944	169	255	520	4,299	42.6	45.4
Handlers, equipment cleaners, helpers, and laborers .....	5,196	1,421	219	274	928	3,775	36.7	41.0
Men, 16 years and over <sup>1</sup> .....	67,568	10,353	1,361	3,238	5,754	57,215	42.6	45.1
Managerial and professional specialty .....	20,164	2,108	181	923	1,004	18,056	45.7	47.3
Executive, administrative, and managerial .....	10,875	1,013	93	490	430	9,862	46.9	48.1
Professional specialty .....	9,289	1,095	88	433	574	8,194	44.3	46.3
Technical, sales, and administrative support .....	13,835	2,430	194	606	1,631	11,405	42.0	45.4
Technicians and related support .....	2,011	289	15	126	147	1,722	42.0	43.8
Sales occupations .....	8,063	1,369	104	285	980	6,694	43.4	47 *
Administrative support, including clerical .....	3,761	773	74	195	503	2,989	39.1	42.5
Service occupations .....	7,227	2,021	225	267	1,528	5,205	38.1	43.7
Private household .....	47	21	-	-	21	26	( <sup>2</sup> )	( <sup>2</sup> )
Protective service .....	1,942	237	21	85	131	1,704	43.8	45.9
Service, except private household and protective .....	5,238	1,763	204	182	1,377	3,475	36.0	42.6
Precision production, craft, and repair .....	12,751	1,546	354	804	387	11,205	42.5	43.4
Operators, fabricators, and laborers .....	13,592	2,248	407	637	1,203	11,344	41.2	43.6
Machine operators, assemblers, and inspectors .....	4,706	443	87	212	143	4,263	42.5	43.3
Transportation and material moving occupations .....	4,735	735	144	224	368	4,000	43.3	45.6
Handlers, equipment cleaners, helpers, and laborers .....	4,151	1,070	177	201	693	3,081	37.1	41.3
Women, 16 years and over <sup>1</sup> .....	60,350	18,370	1,555	3,649	13,166	41,980	36.5	41.6
Managerial and professional specialty .....	19,474	4,337	207	1,170	2,960	15,137	39.4	43.1
Executive, administrative, and managerial .....	8,595	1,438	68	463	907	7,157	41.4	43.7
Professional specialty .....	10,879	2,899	139	707	2,054	7,980	37.9	42.5
Technical, sales, and administrative support .....	24,511	7,809	573	1,513	5,723	16,702	35.5	40.7
Technicians and related support .....	2,193	526	22	164	340	1,667	37.5	40.8
Sales occupations .....	7,872	3,148	312	390	2,446	4,724	34.3	41.7
Administrative support, including clerical .....	14,447	4,135	239	960	2,937	10,312	35.9	40.2
Service occupations .....	10,911	5,024	587	621	3,816	5,887	32.7	41.0
Private household .....	793	462	46	44	372	331	29.1	41.3
Protective service .....	425	140	22	32	86	285	36.5	41.9
Service, except private household and protective .....	9,694	4,423	519	545	3,359	5,271	32.8	40.9
Precision production, craft, and repair .....	1,381	251	48	86	117	1,130	39.5	41.6
Operators, fabricators, and laborers .....	4,072	948	141	259	549	3,123	37.9	40.8
Machine operators, assemblers, and inspectors .....	2,519	389	73	155	161	2,130	39.6	41.0
Transportation and material moving occupations .....	508	209	25	31	153	299	35.7	42.1
Handlers, equipment cleaners, helpers, and laborers .....	1,045	351	43	73	235	694	34.9	39.8

<sup>1</sup> Excludes farming, forestry, and fishing occupations.

<sup>2</sup> Data not shown where base is less than 75,000.

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-28. Unemployed persons by marital status, race, age, and sex**

Marital status, race, and age	Men				Women			
	Thousands of persons		Unemployment rates		Thousands of persons		Unemployment rates	
	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
Total, 16 years and over .....	2,959	2,768	4.0	3.7	2,729	2,420	4.2	3.7
Married, spouse present .....	1,001	773	2.3	1.8	902	825	2.6	2.4
Widowed, divorced, or separated .....	417	376	4.5	4.0	627	530	4.9	4.0
Single (never married) .....	1,542	1,619	7.5	7.6	1,199	1,064	6.9	6.0
White, 16 years and over .....	2,204	2,076	3.5	3.3	1,990	1,747	3.8	3.2
Married, spouse present .....	791	583	2.0	1.5	744	692	2.5	2.3
Widowed, divorced, or separated .....	333	307	4.4	4.0	465	374	4.6	3.6
Single (never married) .....	1,079	1,187	6.5	6.9	781	681	6.1	5.2
Black, 16 years and over .....	552	544	7.4	7.0	628	547	7.2	6.2
Married, spouse present .....	128	116	3.7	3.4	125	89	4.4	3.1
Widowed, divorced, or separated .....	64	54	5.2	4.2	129	126	6.0	5.8
Single (never married) .....	360	375	12.8	12.4	373	332	10.2	8.8
Total, 25 years and over .....	1,861	1,716	3.0	2.7	1,816	1,562	3.4	2.8
Married, spouse present .....	940	732	2.2	1.7	838	717	2.6	2.2
Widowed, divorced, or separated .....	399	362	4.4	3.9	590	488	4.7	3.8
Single (never married) .....	522	621	4.7	5.5	388	357	4.4	3.9
White, 25 years and over .....	1,419	1,284	2.6	2.4	1,326	1,158	3.0	2.6
Married, spouse present .....	740	551	2.0	1.5	688	598	2.4	2.1
Widowed, divorced, or separated .....	317	295	4.3	3.9	435	339	4.4	3.4
Single (never married) .....	362	437	4.2	5.0	203	221	3.4	3.6
Black, 25 years and over .....	300	321	4.7	5.0	424	310	5.9	4.3
Married, spouse present .....	119	110	3.6	3.3	117	80	4.3	3.0
Widowed, divorced, or separated .....	62	51	5.0	4.1	125	123	5.9	5.7
Single (never married) .....	119	160	6.7	8.9	182	107	7.7	4.5

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-29. Unemployed persons by occupation and sex**

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
Total, 16 years and over <sup>1</sup> .....	5,688	5,188	4.1	3.7	4.0	3.7	4.2	3.7
Managerial and professional specialty .....	686	587	1.7	1.4	1.5	1.4	1.8	1.4
Executive, administrative, and managerial .....	373	298	1.8	1.5	1.5	1.4	2.2	1.5
Professional specialty .....	313	289	1.5	1.4	1.5	1.4	1.5	1.3
Technical, sales, and administrative support .....	1,496	1,334	3.7	3.3	3.0	3.0	4.2	3.4
Technicians and related support .....	100	81	2.3	1.8	2.3	1.7	2.3	2.0
Sales occupations .....	721	604	4.3	3.5	2.8	2.7	5.9	4.4
Administrative support, including clerical .....	675	649	3.5	3.3	3.8	4.2	3.5	3.1
Service occupations .....	1,074	901	5.7	4.6	5.8	4.7	5.6	4.5
Private household .....	63	66	7.2	7.1	( <sup>2</sup> )	( <sup>2</sup> )	7.6	6.9
Protective service .....	72	24	3.0	1.0	2.8	1.1	3.6	1.4
Service, except private household and protective .....	939	810	6.0	5.0	7.0	5.9	5.5	4.5
Precision production, craft, and repair .....	575	523	3.8	3.5	3.8	3.3	3.7	4.9
Mechanics and repairers .....	128	118	2.5	2.3	2.6	2.3	1.2	2.2
Construction trades .....	281	262	4.7	4.3	4.6	4.2	7.2	8.8
Other precision production, craft, and repair .....	167	143	4.1	3.6	4.2	3.1	3.8	5.0
Operators, fabricators, and laborers .....	1,177	1,254	6.3	6.4	6.2	5.9	6.5	8.3
Machine operators, assemblers, and inspectors .....	406	463	5.3	5.9	4.6	4.9	6.5	7.6
Transportation and material moving occupations .....	243	259	4.4	4.5	4.6	4.6	3.3	3.8
Handlers, equipment cleaners, helpers, and laborers .....	528	532	9.5	9.1	9.7	8.3	8.2	12.0
Construction laborers .....	174	99	17.1	9.5	15.8	9.6	( <sup>2</sup> )	( <sup>2</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	354	433	7.8	9.0	8.1	7.9	6.6	12.2
Farming, forestry, and fishing .....	233	225	6.3	6.1	5.0	5.7	11.5	7.6
No previous work experience .....	427	361	-	-	-	-	-	-
16 to 19 years .....	308	216	-	-	-	-	-	-
20 to 24 years .....	53	74	-	-	-	-	-	-
25 years and over .....	66	70	-	-	-	-	-	-

<sup>1</sup> Includes a small number of persons whose last job was in the Armed Forces.

<sup>2</sup> Data not shown where base is less than 75,000.

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

## A-30. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
Total, 16 years and over .....	5,688	5,188	4.1	3.7	4.0	3.7	4.2	3.7
Nonagricultural private wage and salary workers .....	4,496	4,185	4.2	3.9	4.1	3.8	4.4	4.0
Mining .....	41	14	7.5	2.5	8.2	2.9	3.1	-
Construction .....	551	404	7.8	5.6	7.9	5.6	6.9	5.8
Manufacturing .....	687	807	3.4	3.9	3.0	3.4	4.2	4.9
Durable goods .....	396	492	3.1	3.9	3.0	3.6	3.4	4.6
Lumber and wood products .....	41	52	5.3	6.4	6.1	7.1	1.5	3.2
Furniture and fixtures .....	18	49	2.6	7.8	2.4	6.0	3.1	11.9
Stone, clay, and glass products .....	10	19	1.5	2.9	1.0	3.7	3.5	-
Primary metal industries .....	14	37	1.8	4.5	1.7	5.6	1.8	-
Fabricated metal products .....	35	40	2.6	3.2	2.6	2.6	2.6	5.3
Machinery and computing equipment .....	75	112	3.0	4.4	3.3	4.2	2.1	5.0
Electrical machinery, equipment, and supplies .....	55	68	2.7	3.4	2.8	2.4	2.5	4.9
Transportation equipment .....	70	60	3.0	2.4	2.3	2.2	5.3	3.0
Automobiles .....	39	38	3.1	2.7	2.6	2.5	4.5	3.3
Other transportation equipment .....	31	22	2.9	1.9	2.0	1.8	6.5	2.5
Professional and photographic equipment .....	27	14	3.5	1.9	3.3	2.0	3.9	1.8
Other durable goods industries .....	50	43	7.0	5.9	6.8	4.1	7.3	8.2
Nondurable goods .....	291	315	3.7	4.0	2.8	3.1	5.2	5.3
Food and kindred products .....	70	90	4.2	5.5	2.4	2.7	8.0	10.3
Textile mill products .....	21	31	3.6	5.4	3.8	6.0	3.4	4.6
Apparel and other textile products .....	59	47	8.0	6.5	8.2	3.9	7.9	7.9
Paper and allied products .....	23	17	3.5	2.5	3.7	2.6	2.6	2.5
Printing and publishing .....	59	67	3.4	3.8	2.8	3.5	4.2	4.1
Chemicals and allied products .....	27	22	2.2	1.7	1.7	1.8	3.1	1.6
Rubber and miscellaneous plastics products .....	29	35	3.5	3.8	2.9	3.8	4.7	3.8
Other nondurable goods industries .....	3	7	.8	2.5	.4	3.3	2.2	1.1
Transportation and public utilities .....	218	219	2.9	2.8	3.0	2.8	2.6	3.0
Transportation .....	152	162	3.2	3.4	3.5	3.3	2.4	3.8
Communications and other public utilities .....	66	57	2.3	1.9	2.0	1.8	2.9	2.0
Wholesale and retail trade .....	1,388	1,302	5.2	4.8	4.2	4.2	6.3	5.4
Wholesale trade .....	172	164	3.5	3.1	2.9	3.0	4.8	3.3
Retail trade .....	1,216	1,138	5.6	5.2	4.7	4.6	6.5	5.7
Finance, insurance, and real estate .....	230	186	2.8	2.3	3.1	2.0	2.6	2.5
Service industries .....	1,382	1,252	3.9	3.5	3.8	3.8	4.0	3.3
Professional services .....	488	406	2.3	1.9	1.8	2.1	2.5	1.9
Other service industries .....	894	846	6.3	5.6	5.5	5.0	7.1	6.2
Agricultural wage and salary workers .....	178	165	8.5	7.5	7.3	7.3	11.9	8.0
Government, self-employed, and unpaid family workers .....	587	478	2.0	1.6	2.0	1.7	1.9	1.5
No previous work experience .....	427	361	-	-	-	-	-	-

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-31. Unemployed persons by reason for unemployment, sex, age, and race**

(Numbers in thousands)

Reason	Total, 16 years and over		Men, 20 years and over		Women, 20 years and over		Both sexes, 16 to 19 years		White		Black	
	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	5,688	5,188	2,385	2,227	2,250	2,005	1,052	956	4,194	3,823	1,180	1,092
Job losers and persons who completed temporary jobs .....	2,633	2,248	1,473	1,288	1,043	800	117	160	2,027	1,714	472	447
On temporary layoff .....	835	692	481	406	297	239	56	46	706	587	97	75
Not on temporary layoff .....	1,797	1,556	992	881	745	561	61	114	1,321	1,128	375	372
Permanent job losers .....	1,263	1,081	693	598	536	404	35	78	926	794	265	254
Persons who completed temporary jobs .....	534	475	299	283	210	157	26	35	395	334	110	118
Job leavers .....	754	778	326	318	337	332	91	128	556	600	157	121
Reentrants .....	1,874	1,802	554	558	783	792	537	452	1,331	1,260	432	448
New entrants .....	427	361	32	64	87	80	308	216	280	248	120	76
<b>PERCENT DISTRIBUTION</b>												
Job losers and persons who completed temporary jobs .....	46.3	43.3	61.8	57.8	46.3	39.9	11.1	16.7	48.3	44.8	40.0	40.9
On temporary layoff .....	14.7	13.3	20.2	18.2	13.2	11.9	5.4	4.8	16.8	15.3	8.2	6.9
Not on temporary layoff .....	31.6	30.0	41.6	39.6	33.1	28.0	5.8	11.9	31.5	29.5	31.8	34.1
Job leavers .....	13.3	15.0	13.7	14.3	15.0	16.6	8.6	13.4	13.2	15.7	13.3	11.0
Reentrants .....	33.0	34.7	23.2	25.0	34.8	39.5	51.0	47.3	31.7	33.0	36.6	41.0
New entrants .....	7.5	6.9	1.3	2.9	3.9	4.0	29.3	22.6	6.7	6.5	10.1	7.0
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers and persons who completed temporary jobs .....	1.9	1.6	2.1	1.8	1.7	1.3	1.5	2.0	1.8	1.5	2.9	2.7
Job leavers .....	.5	.6	.5	.5	.6	.5	1.2	1.6	.5	.5	1.0	.7
Reentrants .....	1.4	1.3	.8	.8	1.3	1.3	6.9	5.6	1.2	1.1	2.7	2.7
New entrants .....	.3	.3	—	.1	.1	.1	4.0	2.7	.2	.2	.7	.5

NOTE. Beginning in January 2000, data reflect revised population controls used in the household survey.

**A-32. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment**

(Percent distribution)

Reason, sex, and age	April 2000						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over .....	5,188	100.0	41.2	32.1	26.7	15.0	11.7
Job losers and persons who completed temporary jobs .....	2,248	100.0	40.0	32.3	27.7	17.4	10.3
On temporary layoff .....	692	100.0	51.3	28.3	20.4	14.6	5.7
Not on temporary layoff .....	1,556	100.0	35.0	34.0	30.9	18.6	12.3
Permanent job losers .....	1,081	100.0	33.6	33.5	32.9	19.6	13.2
Persons who completed temporary jobs .....	475	100.0	38.3	35.2	26.5	16.3	10.2
Job leavers .....	778	100.0	47.8	29.6	22.6	12.7	10.0
Reentrants .....	1,802	100.0	39.1	33.2	27.7	13.5	14.2
New entrants .....	361	100.0	45.3	30.8	23.9	12.7	11.3
Men, 20 years and over .....	2,227	100.0	37.5	31.5	31.0	17.6	13.4
Job losers and persons who completed temporary jobs .....	1,288	100.0	37.8	31.8	30.5	20.0	10.4
On temporary layoff .....	406	100.0	47.2	30.0	22.8	17.1	5.8
Not on temporary layoff .....	881	100.0	33.4	32.6	34.0	21.4	12.6
Permanent job losers .....	598	100.0	33.5	30.2	36.3	22.0	14.3
Persons who completed temporary jobs .....	283	100.0	33.2	37.6	29.2	20.2	9.0
Job leavers .....	318	100.0	46.4	30.9	22.6	11.1	11.5
Reentrants .....	558	100.0	30.9	34.0	35.1	14.6	20.4
New entrants .....	64	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 20 years and over .....	2,005	100.0	40.1	33.1	26.8	13.4	13.4
Job losers and persons who completed temporary jobs .....	800	100.0	40.7	32.5	26.8	15.2	11.6
On temporary layoff .....	239	100.0	53.7	29.0	17.3	11.4	5.9
Not on temporary layoff .....	561	100.0	35.1	34.0	30.8	16.8	14.0
Permanent job losers .....	404	100.0	30.4	36.6	33.1	19.3	13.7
Persons who completed temporary jobs .....	157	100.0	47.5	27.6	25.0	10.3	14.7
Job leavers .....	332	100.0	47.1	30.0	22.8	10.5	12.3
Reentrants .....	792	100.0	35.9	35.2	28.9	13.7	15.2
New entrants .....	80	100.0	46.8	29.9	23.2	4.5	18.8
Both sexes, 16 to 19 years .....	956	100.0	52.3	31.5	16.2	12.2	4.0
Job losers and persons who completed temporary jobs .....	160	100.0	54.7	35.3	10.0	7.3	2.7
On temporary layoff .....	46	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not on temporary layoff .....	114	100.0	46.7	45.3	7.9	6.1	1.9
Permanent job losers .....	78	100.0	50.4	43.5	6.1	3.4	2.7
Persons who completed temporary jobs .....	35	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Job leavers .....	128	100.0	52.8	25.1	22.1	22.1	-
Reentrants .....	452	100.0	54.7	28.9	16.5	11.7	4.8
New entrants .....	216	100.0	45.2	38.0	16.8	11.1	5.8

<sup>1</sup> Data not shown where base is less than 75,000.

used in the household survey.

NOTE: Beginning in January 2000, data reflect revised population controls

**A-33. Unemployed total and full-time workers by duration of unemployment**

Duration of unemployment	Total				Full-time workers			
	Thousands of persons		Percent distribution		Thousands of persons		Percent distribution	
	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
Total, 16 years and over .....	5,688	5,188	100.0	100.0	4,505	4,137	100.0	100.0
Less than 5 weeks .....	2,378	2,139	41.8	41.2	1,773	1,578	39.3	38.1
5 to 14 weeks .....	1,671	1,666	29.4	32.1	1,350	1,363	30.0	32.9
5 to 10 weeks .....	1,055	1,156	18.5	22.3	816	931	18.1	22.5
11 to 14 weeks .....	617	510	10.8	9.8	534	432	11.8	10.4
15 weeks and over .....	1,638	1,383	28.8	26.7	1,383	1,196	30.7	28.9
15 to 26 weeks .....	928	778	16.3	15.0	800	670	17.7	16.2
27 weeks and over .....	711	605	12.5	11.7	583	527	12.9	12.7
27 to 51 weeks .....	314	336	5.5	6.5	255	293	5.7	7.1
52 weeks and over .....	396	270	7.0	5.2	328	234	7.3	5.6
Average (mean) duration, in weeks .....	14.0	13.1	-	-	14.8	14.0	-	-
Median duration, in weeks .....	7.4	7.3	-	-	8.3	8.0	-	-

NOTE: Beginning in January 2000, data reflect revised population controls

used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-34. Unemployed persons by age, sex, race, marital status, and duration of unemployment**

Sex, age, race, and marital status	April 2000						
	Thousands of persons						Weeks
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over			Average (mean) duration
				Total	15 to 26 weeks	27 weeks and over	
<b>TOTAL</b>							
Total, 16 years and over .....	5,188	2,139	1,666	1,383	778	605	13.1
16 to 19 years .....	956	500	301	155	117	38	7.8
20 to 24 years .....	954	456	288	210	130	80	11.2
25 to 34 years .....	1,092	440	368	285	163	122	13.2
35 to 44 years .....	1,146	373	417	355	202	152	14.8
45 to 54 years .....	636	221	166	249	124	125	16.9
55 to 64 years .....	290	104	93	93	35	58	16.1
65 years and over .....	114	45	32	37	7	29	24.9
<b>Men, 16 years and over</b> .....	2,768	1,127	866	775	454	321	13.7
16 to 19 years .....	541	292	165	84	61	23	8.2
20 to 24 years .....	512	248	136	127	81	46	12.7
25 to 34 years .....	555	218	188	148	96	53	13.6
35 to 44 years .....	553	174	188	190	113	77	14.5
45 to 54 years .....	353	106	114	132	72	60	16.3
55 to 64 years .....	174	56	56	62	25	38	17.5
65 years and over .....	81	31	18	32	7	24	30.7
<b>Women, 16 years and over</b> .....	2,420	1,012	800	609	324	284	12.4
16 to 19 years .....	415	208	136	71	56	16	7.4
20 to 24 years .....	443	207	152	83	49	34	9.5
25 to 34 years .....	537	221	180	136	67	69	12.9
35 to 44 years .....	593	199	229	165	89	75	15.1
45 to 54 years .....	283	115	52	117	52	65	17.6
55 to 64 years .....	116	48	37	31	11	20	14.1
65 years and over .....	33	14	14	5	—	5	( <sup>1</sup> )
<b>Race</b>							
White, 16 years and over .....	3,823	1,680	1,180	963	530	433	12.4
Men .....	2,076	882	636	558	331	227	12.8
Women .....	1,747	798	544	405	199	206	12.0
Black, 16 years and over .....	1,092	365	396	331	195	137	15.1
Men .....	544	199	179	166	89	77	16.8
Women .....	547	165	217	165	105	60	13.4
<b>Marital status</b>							
Men, 16 years and over:							
Married, spouse present .....	773	268	231	274	162	112	15.4
Widowed, divorced, or separated .....	376	153	114	110	60	50	13.2
Single (never married) .....	1,619	706	521	391	232	159	12.9
Women, 16 years and over:							
Married, spouse present .....	825	363	250	212	109	103	12.5
Widowed, divorced, or separated .....	530	173	214	144	58	86	15.4
Single (never married) .....	1,064	476	336	252	157	95	10.9

<sup>1</sup> Data not shown where base is less than 75,000.

NOTE: Beginning in January 2000, data reflect revised population controls

used in the household survey.



**A-35. Unemployed persons by occupation, industry, and duration of unemployment**

Occupation and industry	April 2000							
	Thousands of persons						Weeks	
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over			Average (mean) duration	Median duration
				Total	15 to 26 weeks	27 weeks and over		
<b>OCCUPATION</b>								
Managerial and professional specialty .....	587	231	188	168	77	90	14.6	8.2
Technical, sales, and administrative support .....	1,334	545	451	338	189	149	11.8	7.0
Service occupations .....	901	391	311	199	111	88	12.5	6.5
Precision production, craft, and repair .....	523	196	165	162	106	56	14.0	8.2
Operators, fabricators, and laborers .....	1,254	527	384	342	200	142	13.0	7.2
Farming, forestry, and fishing .....	225	82	55	88	48	39	15.8	9.7
<b>INDUSTRY<sup>1</sup></b>								
Agriculture .....	165	70	36	59	33	26	15.4	9.6
Construction .....	408	150	108	150	100	50	14.3	9.7
Manufacturing .....	812	324	260	228	118	110	13.6	7.1
Durable goods .....	493	208	162	123	69	54	13.6	6.9
Nondurable goods .....	319	116	98	105	49	56	13.5	7.4
Transportation and public utilities .....	249	76	88	85	54	31	15.2	9.8
Wholesale and retail trade .....	1,310	577	450	284	173	111	10.7	6.0
Finance, insurance, and real estate .....	189	71	58	60	31	29	13.1	8.7
Services .....	1,384	585	444	355	186	170	13.3	7.4
Public administration .....	86	28	31	27	10	16	21.0	8.5
No previous work experience .....	361	163	111	86	46	41	14.0	6.3

<sup>1</sup> Includes wage and salary workers only.

used in the household survey.

NOTE: Beginning in January 2000, data reflect revised population controls

**A-36. Persons not in the labor force by desire and availability for work, age, and sex**

(In thousands)

Category	Total		Age						Sex			
	Apr. 1999	Apr. 2000	16 to 24 years		25 to 54 years		55 years and over		Men		Women	
			Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
Total not in the labor force .....	68,996	68,813	12,542	12,271	18,733	18,422	37,721	38,120	25,628	25,740	43,368	43,073
Do not want a job now <sup>1</sup> .....	64,199	64,391	10,560	10,521	16,719	16,500	36,919	37,370	23,576	23,833	40,623	40,558
Want a job <sup>1</sup> .....	4,797	4,422	1,982	1,749	2,014	1,922	801	750	2,052	1,907	2,745	2,515
Did not search for work in previous year .....	2,723	2,563	939	911	1,183	1,082	601	570	1,080	1,037	1,643	1,526
Searched for work in previous year <sup>2</sup> .....	2,074	1,858	1,043	838	831	841	200	180	973	870	1,102	989
Not available to work now .....	817	643	538	394	242	218	37	32	348	273	469	371
Available to work now .....	1,257	1,215	505	444	590	623	163	148	625	597	632	618
Reason not currently looking:												
Discouragement over job prospects <sup>3</sup> .....	245	330	69	106	142	173	34	51	156	198	88	132
Reasons other than discouragement .....	1,012	885	436	338	448	450	129	97	468	399	544	486
Family responsibilities .....	149	117	25	22	97	88	26	7	38	23	111	94
In school or training .....	246	217	206	193	40	23	-	-	123	125	123	91
Ill health or disability .....	109	92	17	28	70	48	22	15	47	43	62	49
Other <sup>4</sup> .....	508	459	187	94	240	291	81	74	260	208	248	251

<sup>1</sup> Includes some persons who are not asked if they want a job.

<sup>2</sup> Persons who had a job in the prior 12 months must have searched since the end of that job.

<sup>3</sup> Includes believes no work available, could not find work, lacks necessary schooling or training, employer thinks too young or old, and other types of discrimination.

<sup>4</sup> Includes those who did not actively look for work in the prior 4 weeks for such reasons as child-care and transportation problems, as well as a small number for which reason for nonparticipation was not ascertained.

NOTE: Beginning in January 2000, data reflect revised population controls used in the household survey.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-37. Multiple jobholders by selected demographic and economic characteristics**

(Numbers in thousands)

Characteristic	Both sexes				Men				Women			
	Number		Rate <sup>1</sup>		Number		Rate <sup>1</sup>		Number		Rate <sup>1</sup>	
	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000
<b>AGE</b>												
Total, 16 years and over <sup>2</sup> .....	7,648	7,737	5.8	5.7	4,012	4,060	5.7	5.6	3,635	3,677	5.9	5.8
16 to 19 years .....	262	297	3.9	4.2	123	123	3.6	3.4	139	174	4.2	5.0
20 years and over .....	7,386	7,440	5.9	5.8	3,889	3,937	5.8	5.8	3,496	3,503	6.0	5.9
20 to 24 years .....	683	779	5.4	5.9	286	360	4.4	5.2	396	419	6.4	6.7
25 years and over .....	6,703	6,661	5.9	5.8	3,603	3,577	5.9	5.8	3,100	3,084	5.9	5.8
25 to 54 years .....	5,835	5,847	6.1	6.0	3,089	3,126	6.0	6.0	2,746	2,721	6.2	6.0
55 years and over .....	868	814	5.0	4.6	514	450	5.4	4.7	354	363	4.6	4.5
55 to 64 years .....	753	657	5.7	4.8	444	352	6.1	4.8	309	305	5.1	4.9
65 years and over .....	115	157	3.0	3.9	70	99	3.1	4.3	45	59	2.7	3.3
<b>RACE AND HISPANIC ORIGIN</b>												
White .....	6,444	6,645	5.8	5.9	3,385	3,519	5.6	5.7	3,058	3,126	6.0	6.0
Black .....	876	762	5.8	4.9	478	387	6.9	5.4	398	375	5.0	4.6
Hispanic origin .....	429	458	3.2	3.2	241	287	3.0	3.4	188	172	3.4	2.9
<b>MARITAL STATUS</b>												
Married, spouse present .....	4,346	4,335	5.7	5.6	2,631	2,566	6.1	5.9	1,715	1,769	5.1	5.2
Widowed, divorced, or separated .....	1,375	1,358	6.6	6.3	505	508	5.7	5.6	870	850	7.2	6.7
Single (never married) .....	1,927	2,043	5.5	5.6	877	986	4.6	5.0	1,050	1,057	6.5	6.3
<b>FULL- OR PART-TIME STATUS</b>												
Primary job full time, secondary job part time .....	4,269	4,256	-	-	2,442	2,453	-	-	1,827	1,803	-	-
Primary and secondary jobs both part time .....	1,615	1,596	-	-	496	509	-	-	1,119	1,087	-	-
Primary and secondary jobs both full time .....	282	348	-	-	214	228	-	-	67	120	-	-
Hours vary on primary or secondary job .....	1,446	1,501	-	-	841	859	-	-	605	642	-	-

<sup>1</sup> Multiple jobholders as a percent of all employed persons in specified group.

<sup>2</sup> Includes a small number of persons who work part time on their primary job and full time on their secondary jobs(s), not shown separately.

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. Beginning in January 2000, data reflect revised population controls used in the household survey.

**A-38. Employment status of male Vietnam-era veterans and nonveterans by age**

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Apr. 1999	Apr. 2000	Total		Employed		Unemployed			
			Apr. 1999	Apr. 2000	Apr. 1999	Apr. 2000	Number		Percent of labor force	
							Apr. 1999	Apr. 2000	Apr. 1999	Apr 2000
VIETNAM-ERA VETERANS										
Total, 40 years and over .....	7,772	7,713	6,498	6,128	6,314	5,983	184	145	2.8	2.4
40 to 54 years .....	5,608	5,057	5,013	4,337	4,886	4,212	128	125	2.5	2.9
40 to 44 years .....	554	367	503	312	477	300	26	12	5.1	4.0
45 to 49 years .....	1,937	1,614	1,730	1,397	1,690	1,359	40	37	2.3	2.7
50 to 54 years .....	3,117	3,076	2,780	2,628	2,718	2,552	62	76	2.2	2.9
55 years and over .....	2,164	2,656	1,484	1,791	1,429	1,771	56	20	3.8	1.1
NONVETERANS										
Total, 40 to 54 years .....	21,049	22,171	19,122	20,151	18,573	19,666	550	485	2.9	2.4
40 to 44 years .....	9,410	9,595	8,726	8,861	8,459	8,605	267	256	3.1	2.9
45 to 49 years .....	7,191	7,695	6,581	6,999	6,396	6,861	185	138	2.8	2.0
50 to 54 years .....	4,448	4,882	3,815	4,291	3,717	4,200	98	91	2.6	2.1

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. Beginning in January 2000, data reflect revised population controls used in the household survey.

# ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

## B-1. Employees on nonfarm payrolls by major industry, 1948 to date

(In thousands)

Year and month	Total	Total private	Goods-producing				Service-producing							Government		
			Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Federal	State	Local	
Annual averages																
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,612	6,659	1,800	5,181	1,863	(1)	(1)	(1)
1949	43,754	37,897	17,565	930	2,194	14,441	26,189	4,001	2,610	6,654	1,828	5,239	1,908	(1)	(1)	(1)
1950	45,197	39,170	18,506	901	2,364	15,241	26,691	4,034	2,643	6,743	1,888	5,356	1,928	(1)	(1)	(1)
1951	47,819	41,430	19,959	929	2,637	16,393	27,860	4,226	2,735	7,007	1,956	5,547	2,302	(1)	(1)	(1)
1952	48,793	42,185	20,198	898	2,668	16,632	28,595	4,248	2,821	7,184	2,035	5,699	2,420	(1)	(1)	(1)
1953	50,202	43,556	21,074	866	2,659	17,549	29,128	4,290	2,862	7,385	2,111	5,835	2,305	(1)	(1)	(1)
1954	48,990	42,238	19,751	791	2,646	16,314	29,239	4,084	2,875	7,360	2,200	5,969	2,188	(1)	(1)	(1)
1955	50,641	43,727	20,513	792	2,839	16,882	30,128	4,141	2,934	7,601	2,298	6,240	2,187	1,168	3,558	
1956	52,369	45,091	21,104	822	3,039	17,243	31,264	4,244	3,027	7,831	2,389	6,497	2,209	1,250	3,819	
1957	52,855	45,239	20,967	828	2,962	17,176	31,889	4,241	3,037	7,848	2,438	6,708	2,217	1,328	4,071	
1958	51,322	43,483	19,513	751	2,817	15,945	31,811	3,976	2,989	7,761	2,481	6,765	2,191	1,415	4,232	
1959 <sup>2</sup>	53,270	45,186	20,411	732	3,004	16,675	32,857	4,011	3,092	8,035	2,549	7,087	2,233	1,484	4,366	
1960	54,189	45,836	20,434	712	2,926	16,796	33,755	4,004	3,153	8,238	2,628	7,378	2,270	1,536	4,547	
1961	53,999	45,404	19,857	672	2,859	16,326	34,142	3,903	3,142	8,195	2,688	7,619	2,279	1,607	4,708	
1962	55,549	46,660	20,451	650	2,948	16,853	35,098	3,906	3,207	8,359	2,754	7,982	2,340	1,668	4,881	
1963	56,653	47,429	20,640	635	3,010	16,995	36,013	3,903	3,258	8,520	2,830	8,277	2,358	1,747	5,121	
1964	58,283	48,686	21,005	634	3,097	17,274	37,278	3,951	3,347	8,812	2,911	8,660	2,348	1,856	5,392	
1965	60,763	50,689	21,926	632	3,232	18,062	38,839	4,036	3,477	9,239	2,977	9,036	2,378	1,996	5,700	
1966	63,901	53,116	23,158	627	3,317	19,214	40,743	4,158	3,608	9,637	3,058	9,498	2,564	2,141	6,080	
1967	65,803	54,413	23,308	613	3,248	19,447	42,495	4,268	3,700	9,906	3,185	10,045	2,719	2,302	6,371	
1968	67,897	56,058	23,737	606	3,350	19,781	44,158	4,318	3,791	10,308	3,337	10,567	2,737	2,442	6,660	
1969	70,384	58,189	24,361	619	3,575	20,167	46,023	4,442	3,919	10,785	3,512	11,169	2,758	2,533	6,904	
1970	70,880	58,325	23,578	623	3,588	19,367	47,302	4,515	4,006	11,034	3,645	11,548	2,731	2,664	7,158	
1971	71,211	58,331	22,935	609	3,704	18,623	48,276	4,476	4,014	11,338	3,772	11,797	2,696	2,747	7,437	
1972	73,675	60,341	23,668	628	3,889	19,151	50,007	4,541	4,127	11,822	3,908	12,276	2,684	2,859	7,790	
1973	76,790	63,058	24,893	642	4,097	20,154	51,897	4,656	4,291	12,315	4,046	12,857	2,663	2,923	8,146	
1974	78,265	64,095	24,794	697	4,020	20,077	53,471	4,725	4,447	12,539	4,148	13,441	2,724	3,039	8,407	
1975	76,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,430	12,630	4,165	13,892	2,748	3,179	8,758	
1976	79,382	64,511	23,352	779	3,576	18,997	56,030	4,582	4,562	13,193	4,271	14,551	2,733	3,273	8,865	
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,723	13,792	4,467	15,302	2,727	3,377	9,023	
1978	86,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,985	14,556	4,724	16,252	2,753	3,474	9,446	
1979	89,923	73,876	26,461	958	4,463	21,040	63,363	5,136	5,221	14,972	4,975	17,112	2,773	3,541	9,633	
1980	90,406	74,166	25,658	1,027	4,346	20,285	64,748	5,146	5,292	15,018	5,160	17,890	2,866	3,610	9,765	
1981	91,152	75,121	25,497	1,139	4,188	20,750	65,655	5,165	5,375	15,171	5,298	18,615	2,772	3,640	9,619	
1982	89,544	73,707	23,812	1,128	3,904	18,780	65,732	5,081	5,295	15,158	5,340	19,021	2,739	3,640	9,458	
1983	90,152	74,282	23,330	952	3,946	18,432	66,821	4,952	5,283	15,587	5,466	19,664	2,774	3,662	9,434	
1984	94,408	78,384	24,718	966	4,380	19,372	69,690	5,156	5,568	16,512	5,684	20,746	2,807	3,734	9,482	
1985	97,387	80,992	24,842	927	4,668	19,248	72,544	5,233	5,727	17,315	5,948	21,927	2,875	3,832	9,687	
1986	99,344	82,651	24,533	777	4,810	18,947	74,811	5,247	5,761	17,880	6,273	22,957	2,899	3,893	9,901	
1987	101,958	84,948	24,674	717	4,958	18,999	77,284	5,362	5,848	18,422	6,533	24,110	2,943	3,967	10,100	
1988	105,209	87,823	25,125	713	5,098	19,314	80,084	5,512	6,030	19,023	6,630	25,504	2,971	4,076	10,339	
1989	107,884	90,105	25,254	692	5,171	19,391	82,630	5,614	6,187	19,475	6,668	26,907	2,988	4,182	10,609	
1990	109,403	91,098	24,905	709	5,120	19,076	84,497	5,777	6,173	19,601	6,709	27,934	3,085	4,305	10,914	
1991	108,249	89,847	23,745	689	4,650	18,406	84,504	5,755	6,081	19,284	6,646	28,336	2,966	4,355	11,081	
1992	108,601	89,956	23,231	635	4,492	18,104	85,370	5,718	5,997	19,356	6,602	29,052	2,969	4,408	11,267	
1993	110,713	91,872	23,352	610	4,668	18,075	87,361	5,811	5,981	19,773	6,757	30,197	2,915	4,488	11,438	
1994	114,163	95,036	23,908	601	4,986	18,321	90,256	5,984	6,162	20,507	6,896	31,579	2,870	4,576	11,682	
1995	117,191	97,885	24,265	581	5,160	18,524	92,925	6,132	6,378	21,187	6,806	33,117	2,822	4,635	11,849	
1996	119,608	100,189	24,493	580	5,418	18,495	95,115	6,253	6,482	21,597	6,911	34,454	2,757	4,606	12,056	
1997	122,690	103,133	24,962	596	5,691	18,675	97,727	6,408	6,648	21,966	7,109	36,040	2,699	4,582	12,276	
1998	125,826	106,007	25,347	590	5,985	18,772	100,480	6,600	6,831	22,296	7,407	37,526	2,686	4,612	12,521	
1999	128,615	108,455	25,240	535	6,273	18,432	103,375	6,792	7,004	22,787	7,632	39,000	2,669	4,695	12,796	
Monthly data, seasonally adjusted																
1999:																
April	128,134	108,035	25,288	538	6,277	18,473	102,846	6,750	6,965	22,724	7,611	38,697	2,688	4,688	12,723	
May	128,162	108,085	25,199	531	6,239	18,429	102,963	6,758	6,977	22,748	7,621	38,782	2,666	4,677	12,734	
June	128,443	108,338	25,180	526	6,258	18,396	103,263	6,781	6,993	22,796	7,636	38,952	2,664	4,675	12,766	
July	128,816	108,663	25,247	528	6,270	18,449	103,569	6,799	7,012	22,903	7,647	39,055	2,656	4,682	12,815	
August	128,945	108,735	25,148	524	6,246	18,378	103,797	6,813	7,031	22,888	7,650	39,205	2,651	4,706	12,853	
September	129,048	108,830	25,186	527	6,293	18,366	103,862	6,831	7,041	22,862	7,653	39,257	2,654	4,717	12,847	
October	129,332	109,095	25,198	528	6,314	18,356	104,134	6,841	7,064	22,891	7,668	39,433	2,643	4,722	12,872	
November	129,589	109,320	25,257	527	6,369	18,361	104,332	6,862	7,070	22,902	7,675	39,554	2,			

<sup>1</sup> Not available.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**B-2. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry, 1964 to date**

Year and month	Total private <sup>1</sup>			Mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
<b>Annual averages</b>									
1964 .....	38.7	\$2.36	\$91.33	41.9	\$2.81	\$117.74	37.2	\$3.55	\$132.06
1965 .....	38.8	2.46	95.45	42.3	2.92	123.52	37.4	3.70	138.38
1966 .....	38.6	2.56	98.82	42.7	3.05	130.24	37.6	3.89	146.26
1967 .....	38.0	2.68	101.84	42.6	3.19	135.89	37.7	4.11	154.95
1968 .....	37.8	2.85	107.73	42.6	3.35	142.71	37.3	4.41	164.49
1969 .....	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970 .....	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971 .....	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972 .....	37.0	3.70	136.90	42.6	4.44	189.14	36.5	6.06	221.19
1973 .....	36.9	3.94	145.39	42.4	4.75	201.40	36.8	6.41	235.89
1974 .....	36.5	4.24	154.76	41.9	5.23	219.14	36.6	6.81	249.25
1975 .....	36.1	4.53	163.53	41.9	5.95	249.31	36.4	7.31	266.08
1976 .....	36.1	4.86	175.45	42.4	6.46	273.90	36.8	7.71	283.73
1977 .....	36.0	5.25	189.00	43.4	6.94	301.20	36.5	8.10	295.65
1978 .....	35.8	5.69	203.70	43.4	7.67	332.88	36.8	8.66	318.69
1979 .....	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980 .....	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981 .....	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982 .....	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983 .....	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984 .....	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985 .....	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.32	464.46
1986 .....	34.8	8.76	304.85	42.2	12.46	525.81	37.4	12.48	466.75
1987 .....	34.8	8.98	312.50	42.4	12.54	531.70	37.8	12.71	480.44
1988 .....	34.7	9.28	322.02	42.3	12.80	541.44	37.9	13.08	495.73
1989 .....	34.6	9.66	334.24	43.0	13.26	570.18	37.9	13.54	513.17
1990 .....	34.5	10.01	345.35	44.1	13.68	603.29	38.2	13.77	526.01
1991 .....	34.3	10.32	353.98	44.4	14.19	630.04	38.1	14.00	533.40
1992 .....	34.4	10.57	363.61	43.9	14.54	638.31	38.0	14.15	537.70
1993 .....	34.5	10.83	373.64	44.3	14.60	646.78	38.5	14.38	553.63
1994 .....	34.7	11.12	385.86	44.8	14.88	666.62	38.9	14.73	573.00
1995 .....	34.5	11.43	394.34	44.7	15.30	683.91	38.9	15.09	587.00
1996 .....	34.4	11.82	406.61	45.3	15.62	707.59	39.0	15.47	603.33
1997 .....	34.6	12.28	424.89	45.4	16.15	733.21	39.0	16.04	625.56
1998 .....	34.6	12.78	442.19	43.9	16.90	741.91	38.8	16.59	643.69
1999 .....	34.5	13.24	456.78	43.8	17.04	746.35	39.0	17.13	668.07
<b>Monthly data, not seasonally adjusted</b>									
<b>1999:</b>									
April .....	34.3	\$13.16	\$451.39	43.3	\$16.93	\$733.07	38.6	\$16.85	\$650.41
May .....	34.6	13.19	456.37	44.2	17.00	751.40	39.3	17.02	668.89
June .....	34.6	13.14	454.64	44.2	16.93	748.31	39.8	17.08	679.78
July .....	34.7	13.15	456.31	44.7	17.12	765.26	39.9	17.22	687.08
August .....	35.1	13.20	463.32	44.5	17.01	756.95	40.0	17.26	690.40
September .....	34.3	13.38	458.93	44.4	17.10	759.24	38.6	17.41	672.03
October .....	34.6	13.41	463.99	44.6	17.00	758.20	40.0	17.49	699.60
November .....	34.5	13.43	463.34	44.7	16.95	757.67	39.5	17.37	686.12
December .....	34.6	13.47	466.06	44.4	17.13	760.57	38.7	17.42	674.15
<b>2000:</b>									
January .....	34.4	13.58	467.15	44.3	17.24	763.73	38.3	17.34	664.12
February .....	34.2	13.58	464.44	44.2	17.13	757.15	38.6	17.37	670.48
March <sup>P</sup> .....	34.2	13.60	465.12	43.9	17.17	753.76	38.8	17.48	678.22
April <sup>P</sup> .....	34.6	13.71	474.37	44.7	17.22	769.73	39.1	17.60	688.16

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**B-2. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry, 1964 to date—Continued**

Year and month	Manufacturing				Transportation and public utilities			Wholesale trade		
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages										
1964 .....	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.56
1965 .....	41.2	2.61	2.50	107.53	41.3	3.03	125.14	40.8	2.60	106.08
1966 .....	41.4	2.71	2.59	112.19	41.2	3.11	128.13	40.7	2.73	111.11
1967 .....	40.6	2.82	2.71	114.49	40.5	3.23	130.82	40.3	2.87	115.66
1968 .....	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.04	121.90
1969 .....	40.6	3.19	3.05	129.51	40.7	3.63	147.74	40.2	3.23	129.85
1970 .....	39.8	3.35	3.23	133.33	40.5	3.85	155.93	39.9	3.43	136.86
1971 .....	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.4	3.64	143.42
1972 .....	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.69
1973 .....	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.2	4.07	159.54
1974 .....	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.38	169.94
1975 .....	39.5	4.83	4.67	190.79	39.7	5.88	233.44	38.6	4.72	182.19
1976 .....	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.02	194.27
1977 .....	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	209.13
1978 .....	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	228.14
1979 .....	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.93
1980 .....	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.4	6.95	266.88
1981 .....	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.55	290.68
1982 .....	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.08	309.46
1983 .....	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.54	328.79
1984 .....	40.7	9.19	8.82	374.03	39.4	11.12	438.13	38.5	8.88	341.88
1985 .....	40.5	9.54	9.16	386.37	39.5	11.40	450.30	38.4	9.15	351.36
1986 .....	40.7	9.73	9.34	396.01	39.2	11.70	458.64	38.3	9.34	357.72
1987 .....	41.0	9.91	9.48	406.31	39.2	12.03	471.58	38.1	9.59	365.38
1988 .....	41.1	10.19	9.73	418.81	38.2	12.24	467.57	38.1	9.98	380.24
1989 .....	41.0	10.48	10.02	429.68	38.3	12.57	481.43	38.0	10.39	394.82
1990 .....	40.8	10.83	10.37	441.86	38.4	12.92	496.13	38.1	10.79	411.10
1991 .....	40.7	11.18	10.71	455.03	38.1	13.20	502.92	38.1	11.15	424.82
1992 .....	41.0	11.46	10.95	469.86	38.3	13.43	514.37	38.2	11.39	435.10
1993 .....	41.4	11.74	11.18	486.04	39.3	13.55	532.52	38.2	11.74	448.47
1994 .....	42.0	12.07	11.43	506.94	39.7	13.78	547.07	38.4	12.06	463.10
1995 .....	41.6	12.37	11.74	514.59	39.4	14.13	556.72	38.3	12.43	476.07
1996 .....	41.6	12.77	12.12	531.23	39.6	14.45	572.22	38.3	12.87	492.92
1997 .....	42.0	13.17	12.45	553.14	39.7	14.92	592.32	38.4	13.45	516.48
1998 .....	41.7	13.49	12.79	562.53	39.5	15.31	604.75	38.4	14.06	539.90
1999 .....	41.7	13.91	13.18	580.05	38.7	15.67	606.43	38.4	14.59	560.26
Monthly data, not seasonally adjusted										
1999:										
April .....	41.6	\$13.80	\$13.10	\$574.08	38.6	\$15.57	\$601.00	38.3	\$14.48	\$554.58
May .....	41.7	13.85	13.14	577.55	38.8	15.55	603.34	38.6	14.53	560.86
June .....	41.8	13.91	13.17	581.44	39.0	15.56	606.84	38.4	14.44	554.50
July .....	41.2	13.92	13.20	573.50	38.9	15.66	609.17	38.4	14.55	558.72
August .....	41.8	13.95	13.20	583.11	39.4	15.67	617.40	38.7	14.65	566.96
September .....	41.7	14.11	13.33	588.39	38.5	15.78	607.53	38.3	14.73	564.16
October .....	42.0	14.04	13.27	589.68	38.4	15.76	605.18	38.6	14.78	570.51
November .....	42.2	14.08	13.31	594.18	38.3	15.87	607.82	38.4	14.82	569.09
December .....	42.5	14.21	13.41	603.93	38.4	15.94	612.10	38.5	14.91	574.04
2000:										
January .....	41.6	14.19	13.47	590.30	38.2	15.95	609.29	38.5	15.06	579.81
February .....	41.5	14.19	13.47	588.89	38.1	16.02	610.36	38.2	14.95	571.09
MarchP .....	41.5	14.22	13.50	590.13	38.0	16.01	608.38	38.2	14.94	570.71
AprilP .....	41.7	14.30	13.56	596.31	38.7	16.14	624.62	38.9	15.13	588.56

See footnotes at end of table.

**ESTABLISHMENT DATA  
HISTORICAL HOURS AND EARNINGS**

**B-2. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry, 1964 to date—Continued**

Year and month	Retail trade			Finance, insurance, and real estate			Services		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
<b>Annual averages</b>									
1964 .....	37.0	\$1.75	\$64.75	37.3	\$2.30	\$85.79	36.1	\$1.94	\$70.03
1965 .....	36.6	1.82	66.61	37.2	2.39	88.91	35.9	2.05	73.60
1966 .....	35.9	1.91	68.57	37.3	2.47	92.13	35.5	2.17	77.04
1967 .....	35.3	2.01	70.95	37.1	2.58	95.72	35.1	2.29	80.38
1968 .....	34.7	2.16	74.95	37.0	2.75	101.75	34.7	2.42	83.97
1969 .....	34.2	2.30	78.66	37.1	2.93	108.70	34.7	2.61	90.57
1970 .....	33.8	2.44	82.47	36.7	3.07	112.67	34.4	2.81	96.66
1971 .....	33.7	2.60	87.62	36.6	3.22	117.85	33.9	3.04	103.06
1972 .....	33.4	2.75	91.85	36.6	3.36	122.98	33.9	3.27	110.85
1973 .....	33.1	2.91	96.32	36.6	3.53	129.20	33.8	3.47	117.29
1974 .....	32.7	3.14	102.68	36.5	3.77	137.61	33.6	3.75	126.00
1975 .....	32.4	3.36	108.86	36.5	4.06	148.19	33.5	4.02	134.67
1976 .....	32.1	3.57	114.60	36.4	4.27	155.43	33.3	4.31	143.52
1977 .....	31.6	3.85	121.66	36.4	4.54	165.26	33.0	4.65	153.45
1978 .....	31.0	4.20	130.20	36.4	4.89	178.00	32.8	4.99	163.67
1979 .....	30.6	4.53	138.62	36.2	5.27	190.77	32.7	5.36	175.27
1980 .....	30.2	4.88	147.38	36.2	5.79	209.60	32.6	5.85	190.71
1981 .....	30.1	5.25	158.03	36.3	6.31	229.05	32.6	6.41	208.97
1982 .....	29.9	5.48	163.85	36.2	6.78	245.44	32.6	6.92	225.59
1983 .....	29.8	5.74	171.05	36.2	7.29	263.90	32.7	7.31	239.04
1984 .....	29.8	5.85	174.33	36.5	7.63	278.50	32.6	7.59	247.43
1985 .....	29.4	5.94	174.64	36.4	7.94	289.02	32.5	7.90	256.75
1986 .....	29.2	6.03	176.08	36.4	8.36	304.30	32.5	8.18	265.85
1987 .....	29.2	6.12	178.70	36.3	8.73	316.90	32.5	8.49	275.93
1988 .....	29.1	6.31	183.62	35.9	9.06	325.25	32.6	8.88	289.49
1989 .....	28.9	6.53	188.72	35.8	9.53	341.17	32.6	9.38	305.79
1990 .....	28.8	6.75	194.40	35.8	9.97	356.93	32.5	9.83	319.48
1991 .....	28.6	6.94	198.48	35.7	10.39	370.92	32.4	10.23	331.45
1992 .....	28.8	7.12	205.06	35.8	10.82	387.36	32.5	10.54	342.55
1993 .....	28.8	7.29	209.95	35.8	11.35	406.33	32.5	10.78	350.35
1994 .....	28.9	7.49	216.46	35.8	11.83	423.51	32.5	11.04	358.80
1995 .....	28.8	7.69	221.47	35.9	12.32	442.29	32.4	11.39	369.04
1996 .....	28.8	7.99	230.11	35.9	12.80	459.52	32.4	11.79	382.00
1997 .....	28.9	8.33	240.74	36.1	13.34	481.57	32.6	12.28	400.33
1998 .....	29.0	8.73	253.17	36.4	14.06	511.78	32.6	12.85	418.91
1999 .....	29.0	9.08	263.32	36.2	14.61	528.88	32.6	13.38	436.19
<b>Monthly data, not seasonally adjusted</b>									
<b>1999:</b>									
April .....	28.7	\$9.03	\$259.16	35.9	\$14.61	\$524.50	32.4	\$13.32	\$431.57
May .....	29.1	9.03	262.77	36.4	14.72	535.81	32.7	13.34	436.22
June .....	29.4	9.02	265.19	35.9	14.50	520.55	32.6	13.23	431.30
July .....	29.8	9.02	268.80	36.2	14.53	525.99	32.8	13.20	432.96
August .....	29.9	9.04	270.30	36.9	14.61	539.11	33.2	13.25	439.90
September .....	28.8	9.18	264.38	36.0	14.63	526.68	32.3	13.48	435.40
October .....	28.8	9.20	264.96	36.1	14.68	529.95	32.7	13.54	442.76
November .....	28.7	9.21	264.33	36.0	14.73	530.28	32.7	13.60	444.72
December .....	29.3	9.25	271.03	36.2	14.75	533.95	32.6	13.69	446.29
<b>2000:</b>									
January .....	28.5	9.33	265.91	36.7	14.97	549.40	32.7	13.81	451.59
February .....	28.5	9.34	266.19	36.1	14.92	538.61	32.6	13.80	449.88
March <sup>p</sup> .....	28.6	9.36	267.70	35.9	14.96	537.06	32.5	13.81	448.83
April <sup>p</sup> .....	29.0	9.42	273.18	36.7	15.15	556.01	32.9	13.89	456.98

<sup>1</sup> 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.  
p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1998 forward are subject to revision.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-3. Employees on nonfarm payrolls by major industry and selected component groups, seasonally adjusted**

(In thousands)

Industry	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>P</sup>
<b>Total</b> .....	128,134	128,162	128,443	128,816	128,945	129,048	129,332	129,589	129,898	130,292	130,319	130,777	131,117
<b>Total private</b> .....	108,035	108,085	108,338	108,663	108,735	108,830	109,095	109,320	109,583	109,927	109,937	110,237	110,470
<b>Goods-producing</b> .....	25,288	25,199	25,180	25,247	25,148	25,186	25,198	25,257	25,283	25,410	25,382	25,471	25,431
<b>Mining</b> .....	538	531	526	528	524	527	528	527	529	530	532	536	540
Metal mining .....	49	49	48	48	47	48	48	49	48	49	48	48	48
Coal mining .....	86	86	84	85	83	83	82	82	82	81	80	79	79
Oil and gas extraction .....	294	287	285	285	285	287	289	288	291	292	296	301	305
Nonmetallic minerals, except fuels .....	109	109	109	110	109	109	109	108	108	108	108	108	108
<b>Construction</b> .....	6,277	6,239	6,258	6,270	6,246	6,293	6,314	6,369	6,393	6,504	6,484	6,574	6,519
General building contractors .....	1,428	1,427	1,430	1,432	1,426	1,440	1,445	1,450	1,454	1,474	1,480	1,492	1,482
Heavy construction, except building .....	874	854	857	857	852	857	861	870	878	900	881	903	889
Special trade contractors .....	3,975	3,958	3,971	3,981	3,968	3,996	4,008	4,049	4,061	4,130	4,123	4,179	4,148
<b>Manufacturing</b> .....	18,473	18,429	18,396	18,449	18,378	18,366	18,356	18,361	18,361	18,376	18,366	18,361	18,372
<b>Durable goods</b> .....	10,993	10,971	10,960	11,015	10,975	10,959	10,952	10,954	10,960	10,973	10,973	10,977	10,987
Lumber and wood products .....	824	824	824	826	826	827	829	829	828	827	830	827	826
Furniture and fixtures .....	536	537	538	546	543	544	546	544	543	543	545	545	546
Stone, clay, and glass products .....	570	569	568	571	568	569	568	571	574	577	574	577	575
Primary metal industries .....	691	689	687	692	688	685	685	686	687	686	687	689	688
Fabricated metal products .....	1,489	1,487	1,485	1,493	1,484	1,486	1,487	1,489	1,489	1,491	1,493	1,496	1,501
Industrial machinery and equipment .....	2,132	2,129	2,128	2,131	2,122	2,117	2,116	2,118	2,120	2,115	2,118	2,111	2,112
Computer and office equipment .....	361	362	364	360	359	358	358	358	359	357	356	352	350
Electronic and other electrical equipment .....	1,658	1,658	1,657	1,667	1,662	1,662	1,665	1,661	1,664	1,671	1,679	1,677	1,685
Electronic components and accessories .....	635	635	637	639	641	640	643	643	645	647	652	652	656
Transportation equipment .....	1,864	1,853	1,849	1,863	1,859	1,848	1,838	1,834	1,831	1,841	1,828	1,835	1,832
Motor vehicles and equipment .....	996	996	998	1,014	1,012	1,006	1,001	1,000	1,001	1,010	1,014	1,009	1,010
Aircraft and parts .....	503	498	491	488	483	476	471	467	464	463	447	460	456
Instruments and related products .....	842	839	837	840	836	833	830	833	833	830	829	831	832
Miscellaneous manufacturing .....	387	386	387	386	387	388	388	389	391	392	390	389	390
<b>Nondurable goods</b> .....	7,480	7,458	7,436	7,434	7,403	7,407	7,404	7,407	7,401	7,403	7,393	7,384	7,385
Food and kindred products .....	1,689	1,688	1,680	1,681	1,666	1,679	1,680	1,686	1,686	1,689	1,680	1,679	1,684
Tobacco products .....	38	38	39	39	36	38	38	39	38	38	38	35	38
Textile mill products .....	567	563	560	559	557	553	551	553	551	549	550	549	548
Apparel and other textile products .....	698	691	686	679	672	669	666	663	662	657	657	657	655
Paper and allied products .....	662	661	659	659	658	657	655	655	655	654	653	652	651
Printing and publishing .....	1,555	1,551	1,552	1,554	1,553	1,552	1,552	1,549	1,547	1,550	1,551	1,551	1,552
Chemicals and allied products .....	1,038	1,036	1,033	1,032	1,030	1,033	1,033	1,033	1,030	1,034	1,034	1,033	1,034
Petroleum and coal products .....	139	138	137	138	136	137	136	136	135	136	136	136	135
Rubber and misc. plastics products .....	1,019	1,018	1,016	1,021	1,022	1,017	1,021	1,022	1,026	1,025	1,024	1,022	1,019
Leather and leather products .....	75	74	74	72	73	72	72	71	71	71	70	70	69
<b>Service-producing</b> .....	102,846	102,963	103,263	103,569	103,797	103,862	104,134	104,332	104,615	104,882	104,937	105,306	105,686
<b>Transportation and public utilities</b> .....	6,750	6,758	6,781	6,799	6,813	6,831	6,841	6,862	6,897	6,902	6,898	6,914	6,937
Transportation .....	4,397	4,402	4,423	4,438	4,445	4,455	4,458	4,474	4,501	4,507	4,499	4,512	4,539
Railroad transportation .....	234	233	233	230	226	227	227	226	227	226	226	222	223
Local and interurban passenger transit .....	483	480	483	483	488	486	486	487	487	491	490	489	495
Trucking and warehousing .....	1,800	1,802	1,810	1,817	1,817	1,825	1,828	1,839	1,845	1,849	1,841	1,848	1,858
Water transportation .....	180	180	181	182	182	182	182	180	182	181	185	185	187
Transportation by air .....	1,220	1,226	1,234	1,240	1,246	1,250	1,251	1,257	1,273	1,277	1,271	1,280	1,283
Pipelines, except natural gas .....	14	13	13	13	13	13	13	13	13	13	13	13	13
Transportation services .....	466	468	469	473	473	472	471	472	474	470	473	475	480
Communications and public utilities .....	2,353	2,356	2,358	2,361	2,368	2,376	2,383	2,388	2,396	2,395	2,399	2,402	2,398
Communications .....	1,508	1,513	1,513	1,519	1,525	1,533	1,541	1,546	1,553	1,552	1,561	1,565	1,562
Electric, gas, and sanitary services .....	845	843	845	842	843	843	842	842	843	843	838	837	836
<b>Wholesale trade</b> .....	6,965	6,977	6,993	7,012	7,031	7,041	7,064	7,070	7,088	7,108	7,121	7,142	7,145
Durable goods .....	4,113	4,124	4,139	4,154	4,169	4,172	4,188	4,194	4,204	4,211	4,218	4,228	4,232
Nondurable goods .....	2,852	2,853	2,854	2,858	2,862	2,869	2,876	2,876	2,884	2,897	2,903	2,914	2,913

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-3. Employees on nonfarm payrolls by major industry and selected component groups, seasonally adjusted—Continued**

(In thousands)

Industry	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.P	Apr.P
<b>Retail trade</b> .....	22,724	22,748	22,796	22,903	22,888	22,862	22,891	22,902	22,973	23,018	23,016	23,041	23,160
Building materials and garden supplies .....	982	979	982	986	988	992	1,001	1,004	1,007	1,012	1,017	1,030	1,022
General merchandise stores .....	2,799	2,784	2,782	2,778	2,774	2,762	2,756	2,753	2,793	2,798	2,775	2,766	2,766
Department stores .....	2,499	2,486	2,482	2,476	2,468	2,460	2,455	2,450	2,479	2,477	2,470	2,461	2,463
Food stores .....	3,492	3,487	3,479	3,478	3,484	3,478	3,481	3,480	3,482	3,481	3,484	3,478	3,498
Automotive dealers and service stations .....	2,399	2,400	2,403	2,407	2,409	2,415	2,420	2,424	2,432	2,445	2,442	2,454	2,455
New and used car dealers .....	1,074	1,077	1,080	1,085	1,089	1,091	1,092	1,096	1,097	1,100	1,103	1,108	1,109
Apparel and accessory stores .....	1,163	1,172	1,178	1,192	1,191	1,189	1,200	1,198	1,177	1,178	1,193	1,195	1,204
Furniture and home furnishings stores .....	1,081	1,084	1,091	1,090	1,094	1,097	1,099	1,095	1,102	1,102	1,107	1,115	1,119
Eating and drinking places .....	7,863	7,880	7,911	7,989	7,960	7,932	7,925	7,943	7,986	7,987	7,980	7,981	8,061
Miscellaneous retail establishments .....	2,945	2,962	2,970	2,983	2,988	2,997	3,009	3,005	2,994	3,015	3,018	3,022	3,035
<b>Finance, insurance, and real estate</b> .....	7,611	7,621	7,636	7,647	7,650	7,653	7,668	7,675	7,685	7,685	7,698	7,689	7,696
Finance .....	3,697	3,706	3,709	3,715	3,716	3,715	3,719	3,723	3,727	3,726	3,732	3,726	3,732
Depository institutions .....	2,050	2,047	2,045	2,044	2,046	2,047	2,047	2,044	2,040	2,040	2,038	2,034	2,036
Commercial banks .....	1,467	1,465	1,463	1,462	1,464	1,466	1,464	1,460	1,458	1,458	1,457	1,456	1,455
Savings institutions .....	257	256	256	256	255	255	254	254	252	251	250	247	247
Nondepository institutions .....	716	720	721	721	719	713	711	711	713	708	708	701	699
Mortgage bankers and brokers .....	370	374	372	369	366	361	358	357	357	353	352	344	341
Security and commodity brokers .....	668	672	676	682	685	686	691	697	702	705	712	717	725
Holding and other investment offices .....	263	267	267	268	266	269	270	271	272	273	274	274	272
Insurance .....	2,395	2,399	2,402	2,404	2,407	2,410	2,414	2,411	2,416	2,406	2,412	2,410	2,412
Insurance carriers .....	1,631	1,635	1,638	1,635	1,636	1,637	1,641	1,636	1,639	1,632	1,636	1,633	1,634
Insurance agents, brokers, and service .....	764	764	764	769	771	773	773	775	777	774	776	777	778
Real estate .....	1,519	1,516	1,525	1,528	1,527	1,528	1,535	1,541	1,542	1,553	1,554	1,553	1,552
<b>Services<sup>1</sup></b> .....	38,697	38,782	38,952	39,055	39,205	39,257	39,433	39,554	39,657	39,804	39,822	39,980	40,101
Agricultural services .....	755	751	757	760	757	763	766	774	765	788	782	799	798
Hotels and other lodging places .....	1,791	1,786	1,797	1,807	1,813	1,811	1,806	1,812	1,807	1,800	1,805	1,822	1,835
Personal services .....	1,204	1,189	1,200	1,207	1,207	1,210	1,210	1,214	1,225	1,231	1,228	1,234	1,235
Business services .....	9,010	9,047	9,088	9,148	9,186	9,204	9,303	9,336	9,392	9,416	9,424	9,482	9,537
Services to buildings .....	978	979	984	992	998	1,000	1,003	1,003	1,000	999	1,003	1,008	1,004
Personnel supply services .....	3,350	3,366	3,387	3,422	3,418	3,440	3,490	3,501	3,513	3,505	3,523	3,556	3,613
Help supply services .....	2,975	2,986	3,000	3,025	3,024	3,032	3,099	3,097	3,108	3,100	3,119	3,148	3,194
Computer and data processing services .....	1,749	1,765	1,781	1,794	1,806	1,814	1,823	1,829	1,842	1,852	1,859	1,868	1,876
Auto repair, services, and parking .....	1,178	1,182	1,184	1,185	1,185	1,190	1,196	1,197	1,198	1,202	1,202	1,196	1,196
Miscellaneous repair services .....	396	398	395	395	396	398	400	400	405	403	406	407	407
Motion pictures .....	587	604	611	609	608	608	612	613	609	616	609	608	617
Amusement and recreation services .....	1,668	1,675	1,695	1,694	1,712	1,713	1,730	1,734	1,725	1,759	1,762	1,763	1,778
Health services .....	9,951	9,954	9,964	9,975	9,993	9,999	10,009	10,026	10,038	10,057	10,059	10,071	10,078
Offices and clinics of medical doctors .....	1,856	1,860	1,864	1,868	1,874	1,876	1,880	1,885	1,886	1,895	1,898	1,907	1,912
Nursing and personal care facilities .....	1,753	1,755	1,755	1,754	1,755	1,756	1,756	1,756	1,759	1,760	1,762	1,763	1,763
Hospitals .....	3,966	3,966	3,969	3,968	3,973	3,977	3,978	3,978	3,985	3,992	3,989	3,990	3,987
Home health care services .....	656	653	653	655	658	657	658	658	659	658	656	653	654
Legal services .....	998	999	1,002	1,000	1,004	1,007	1,009	1,012	1,015	1,017	1,014	1,014	1,010
Educational services .....	2,254	2,265	2,272	2,278	2,288	2,289	2,288	2,298	2,304	2,297	2,298	2,321	2,332
Social services .....	2,755	2,760	2,778	2,763	2,799	2,803	2,817	2,840	2,850	2,872	2,876	2,889	2,900
Child day care services .....	628	629	633	632	631	631	634	646	650	657	655	660	659
Residential care .....	772	775	777	781	785	788	792	796	801	803	807	810	816
Museums and botanical and zoological gardens .....	94	93	94	94	95	94	95	96	95	96	95	96	98
Membership organizations .....	2,392	2,394	2,409	2,403	2,409	2,408	2,409	2,411	2,418	2,420	2,420	2,422	2,420
Engineering and management services .....	3,370	3,391	3,411	3,441	3,458	3,464	3,487	3,496	3,515	3,532	3,544	3,558	3,561
Engineering and architectural services .....	939	940	942	948	948	948	954	959	964	973	976	977	980
Management and public relations .....	1,133	1,143	1,153	1,165	1,178	1,180	1,193	1,196	1,213	1,220	1,218	1,225	1,226
<b>Government</b> .....	20,099	20,077	20,105	20,153	20,210	20,218	20,237	20,269	20,315	20,365	20,382	20,540	20,647
Federal .....	2,688	2,666	2,664	2,656	2,651	2,654	2,643	2,648	2,645	2,665	2,702	2,818	2,887
Federal, except Postal Service .....	1,809	1,788	1,789	1,779	1,779	1,785	1,780	1,780	1,780	1,799	1,836	1,953	2,022
State .....	4,688	4,677	4,675	4,682	4,706	4,717	4,722	4,729	4,730	4,727	4,725	4,733	4,739
Education .....	1,955	1,941	1,934	1,947	1,965	1,965	1,960	1,967	1,969	1,967	1,962	1,967	1,969
Other State government .....	2,733	2,736	2,741	2,735	2,741	2,752	2,762	2,762	2,761	2,760	2,763	2,766	2,770
Local .....	12,723	12,734	12,766	12,815	12,853	12,847	12,872	12,892	12,940	12,973	12,955	12,989	13,021
Education .....	7,206	7,225	7,239	7,268	7,308	7,295	7,305	7,318	7,351	7,365	7,347	7,365	7,398
Other local government .....	5,517	5,509	5,527	5,547	5,545	5,552	5,567	5,574	5,589	5,608	5,608	5,624	5,623

<sup>1</sup> Includes other industries, not shown separately.

P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1998

benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1995 forward are subject to revision.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES  
SEASONALLY ADJUSTED**

**B-4. Women employees on nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

(In thousands)

Industry	1999											2000	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.
<b>Total</b> .....	61,767	61,852	62,008	62,035	62,227	62,409	62,466	62,552	62,645	62,738	62,842	63,032	63,086
<b>Total private</b> .....	50,524	50,591	50,734	50,771	50,916	51,075	51,094	51,154	51,245	51,322	51,388	51,528	51,586
<b>Goods-producing</b> .....	6,658	6,647	6,643	6,630	6,632	6,640	6,617	6,612	6,610	6,608	6,618	6,629	6,629
<b>Mining</b> .....	82	82	79	78	78	78	76	76	75	74	74	73	73
<b>Construction</b> .....	687	689	695	695	700	701	704	705	708	710	715	720	725
<b>Manufacturing</b> .....	5,889	5,876	5,869	5,857	5,854	5,861	5,837	5,831	5,827	5,824	5,829	5,836	5,831
<b>Durable goods</b> .....	2,930	2,924	2,926	2,922	2,927	2,944	2,928	2,924	2,925	2,924	2,930	2,934	2,935
Lumber and wood products .....	148	149	148	149	149	150	150	150	151	151	151	152	153
Furniture and fixtures .....	170	169	170	171	171	175	174	173	175	174	175	175	175
Stone, clay, and glass products .....	104	104	103	102	103	104	102	102	101	102	103	103	103
Primary metal industries .....	102	102	101	101	101	100	100	100	100	101	101	100	100
Fabricated metal products .....	338	336	339	339	339	342	338	338	338	339	339	339	340
Industrial machinery and equipment .....	466	464	464	464	466	466	465	465	465	467	469	469	467
Electronic and other electrical equipment .....	677	675	676	675	675	680	676	676	676	675	675	677	678
Transportation equipment .....	405	407	405	404	404	408	406	403	403	398	400	402	403
Instruments and related products .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Miscellaneous manufacturing .....	168	168	169	168	169	170	169	170	170	170	171	171	169
<b>Nondurable goods</b> .....	2,959	2,952	2,943	2,935	2,927	2,917	2,909	2,907	2,902	2,900	2,899	2,902	2,896
Food and kindred products .....	557	557	554	556	555	552	550	551	553	555	558	559	555
Tobacco products .....	13	12	12	12	12	13	11	12	12	12	12	12	12
Textile mill products .....	267	266	263	261	259	259	258	256	254	255	255	255	255
Apparel and other textile products .....	513	508	503	498	494	488	481	479	475	473	471	467	466
Paper and allied products .....	161	161	161	160	160	160	160	161	160	160	161	161	162
Printing and publishing .....	701	701	700	698	699	700	700	700	699	697	696	700	700
Chemicals and allied products .....	335	336	336	337	336	334	335	337	337	337	335	336	335
Petroleum and coal products .....	25	25	25	25	24	24	24	24	24	23	23	24	24
Rubber and misc. plastics products .....	346	346	349	349	348	349	351	349	350	350	351	350	350
Leather and leather products .....	41	40	40	39	40	38	39	38	38	38	37	38	37
<b>Service-producing</b> .....	55,109	55,205	55,365	55,405	55,595	55,769	55,849	55,940	56,035	56,130	56,224	56,403	56,457
<b>Transportation and public utilities</b> .....	2,048	2,049	2,054	2,059	2,073	2,072	2,087	2,094	2,099	2,111	2,115	2,134	2,135
<b>Wholesale trade</b> .....	2,127	2,132	2,140	2,140	2,148	2,153	2,159	2,164	2,170	2,175	2,186	2,197	2,204
<b>Retail trade</b> .....	11,923	11,937	11,974	11,998	12,008	12,070	12,031	12,014	11,999	12,002	12,003	12,037	12,051
<b>Finance, insurance, and real estate</b> .....	4,751	4,753	4,752	4,753	4,769	4,775	4,786	4,790	4,796	4,792	4,791	4,797	4,803
<b>Services</b> .....	23,017	23,073	23,171	23,191	23,286	23,365	23,414	23,480	23,571	23,634	23,675	23,734	23,764
<b>Government</b> .....	11,243	11,261	11,274	11,264	11,311	11,334	11,372	11,398	11,400	11,416	11,454	11,504	11,500
Federal .....	1,148	1,149	1,133	1,124	1,126	1,125	1,124	1,129	1,125	1,133	1,125	1,141	1,163
State .....	2,403	2,407	2,414	2,413	2,415	2,411	2,420	2,431	2,434	2,445	2,443	2,445	2,446
Local .....	7,692	7,705	7,727	7,727	7,770	7,798	7,828	7,838	7,841	7,838	7,886	7,918	7,891

<sup>1</sup> This series is not published seasonally adjusted because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

NOTE: Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1995 forward are subject to revision.

**ESTABLISHMENT DATA  
EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-5. Production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

(In thousands)

Industry	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>P</sup>
<b>Total private .....</b>	88,358	88,428	88,613	88,882	88,908	89,044	89,262	89,435	89,607	89,969	89,954	90,295	90,471
<b>Goods-producing .....</b>	17,926	17,872	17,849	17,920	17,826	17,871	17,888	17,941	17,955	18,099	18,016	18,123	18,073
<b>Mining .....</b>	403	398	396	396	395	398	402	400	403	401	402	404	408
<b>Construction .....</b>	4,827	4,812	4,830	4,833	4,809	4,856	4,878	4,928	4,939	5,071	4,997	5,117	5,053
<b>Manufacturing .....</b>	12,696	12,662	12,623	12,691	12,622	12,617	12,608	12,613	12,613	12,627	12,617	12,602	12,612
<b>Durable goods .....</b>	7,519	7,504	7,487	7,549	7,513	7,496	7,489	7,487	7,485	7,505	7,507	7,501	7,509
Lumber and wood products .....	677	676	676	678	676	677	679	679	678	679	679	677	677
Furniture and fixtures .....	427	428	429	435	434	433	435	434	432	431	432	432	434
Stone, clay, and glass products .....	446	446	445	448	443	444	443	445	447	451	447	448	448
Primary metal industries .....	539	538	535	540	537	536	535	536	537	537	538	540	538
Fabricated metal products .....	1,119	1,118	1,115	1,125	1,115	1,116	1,117	1,118	1,119	1,121	1,123	1,126	1,130
Industrial machinery and equipment .....	1,347	1,346	1,343	1,347	1,335	1,333	1,331	1,333	1,334	1,335	1,341	1,335	1,334
Electronic and other electrical equipment .....	1,037	1,033	1,030	1,045	1,038	1,035	1,035	1,031	1,029	1,033	1,035	1,038	1,044
Transportation equipment .....	1,232	1,226	1,222	1,237	1,243	1,231	1,222	1,219	1,219	1,230	1,228	1,222	1,219
Motor vehicles and equipment .....	757	758	757	775	779	770	765	765	766	778	777	770	773
Instruments and related products .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Miscellaneous manufacturing .....	269	268	268	268	268	269	269	269	271	271	269	268	268
<b>Nondurable goods .....</b>	5,177	5,158	5,136	5,142	5,109	5,121	5,119	5,126	5,128	5,122	5,110	5,101	5,103
Food and kindred products .....	1,259	1,258	1,252	1,258	1,240	1,253	1,254	1,260	1,262	1,262	1,253	1,251	1,257
Tobacco products .....	29	28	29	29	25	27	27	27	27	26	27	24	27
Textile mill products .....	479	476	473	474	471	469	466	468	466	464	465	464	463
Apparel and other textile products .....	558	553	546	539	535	532	528	527	526	523	522	524	523
Paper and allied products .....	502	501	500	500	497	498	496	497	499	497	497	495	494
Printing and publishing .....	829	827	827	826	826	826	827	825	823	824	826	828	829
Chemicals and allied products .....	583	582	580	580	578	582	584	586	587	590	588	587	586
Petroleum and coal products .....	92	90	89	91	90	90	90	89	87	85	83	80	79
Rubber and misc. plastics products .....	790	788	785	792	793	790	794	795	799	799	798	797	795
Leather and leather products .....	56	55	55	53	54	54	53	52	52	52	51	51	50
<b>Service-producing .....</b>	70,432	70,556	70,764	70,962	71,082	71,173	71,374	71,494	71,652	71,870	71,938	72,172	72,398
<b>Transportation and public utilities .....</b>	5,600	5,602	5,620	5,624	5,634	5,655	5,661	5,678	5,688	5,725	5,719	5,751	5,773
<b>Wholesale trade .....</b>	5,592	5,600	5,610	5,620	5,631	5,639	5,654	5,661	5,678	5,692	5,709	5,729	5,722
<b>Retail trade .....</b>	19,976	20,009	20,055	20,164	20,145	20,120	20,122	20,146	20,202	20,255	20,256	20,299	20,387
<b>Finance, insurance, and real estate .....</b>	5,580	5,583	5,591	5,600	5,596	5,594	5,603	5,605	5,607	5,611	5,617	5,609	5,603
<b>Services .....</b>	33,684	33,762	33,888	33,954	34,076	34,165	34,334	34,404	34,477	34,587	34,637	34,784	34,913

<sup>1</sup> 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.

<sup>2</sup> This series is not published seasonally adjusted because the seasonal component, which is small relative to the trend-cycle and irregular components,

cannot be separated with sufficient precision.

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1995 forward are subject to revision.

**ESTABLISHMENT DATA  
DIFFUSION INDEXES  
SEASONALLY ADJUSTED**

**B-6. Diffusion indexes of employment change, seasonally adjusted**

(Percent)

Time span	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Private nonfarm payrolls, 356 industries <sup>1</sup>												
Over 1-month span:												
1996 .....	49.6	64.9	59.4	55.1	61.9	60.8	57.0	62.5	57.3	63.5	59.7	61.2
1997 .....	56.2	61.0	61.9	62.8	58.8	56.3	60.7	61.0	59.4	65.4	63.6	62.1
1998 .....	63.8	57.9	58.8	60.5	55.9	57.9	58.0	55.8	54.6	52.9	59.1	58.6
1999 .....	54.4	58.3	52.1	58.8	51.5	57.0	57.6	50.0	55.1	57.2	57.9	57.7
2000 .....	57.7	54.1	P57.2	P55.3								
Over 3-month span:												
1996 .....	62.6	62.5	63.3	63.1	63.1	64.3	64.3	62.2	64.6	64.2	66.2	63.2
1997 .....	63.8	63.6	67.7	67.3	62.6	61.7	61.4	66.2	67.3	69.9	70.8	71.2
1998 .....	66.7	66.2	64.5	63.9	61.4	58.7	60.0	58.4	57.6	57.6	59.0	60.4
1999 .....	60.7	55.9	59.6	54.6	56.3	56.2	56.2	59.0	57.4	59.6	60.8	60.5
2000 .....	60.5	P61.5	P60.3									
Over 6-month span:												
1996 .....	62.6	65.2	64.5	65.2	64.7	64.6	67.0	65.4	65.9	66.7	66.9	66.7
1997 .....	67.4	68.3	65.6	67.0	65.6	64.9	66.3	68.4	69.7	71.3	71.3	71.9
1998 .....	70.6	66.9	65.9	62.4	62.6	61.1	58.0	59.8	60.0	60.8	60.8	58.0
1999 .....	61.1	58.8	57.3	59.0	55.2	57.4	56.9	61.5	61.0	59.7	62.9	P64.2
2000 .....	P64.3											
Over 12-month span:												
1996 .....	64.5	66.7	64.5	65.6	68.5	67.3	67.7	66.4	68.0	69.9	68.7	66.9
1997 .....	69.0	67.3	68.3	69.7	69.5	70.1	70.1	70.4	70.5	69.7	69.8	71.3
1998 .....	70.4	68.3	67.1	64.0	62.1	61.7	61.8	63.8	59.8	59.0	59.3	58.6
1999 .....	60.1	57.3	57.0	57.6	58.7	59.0	58.8	57.9	P61.9	P62.5		
2000 .....												
Manufacturing payrolls, 139 industries <sup>1</sup>												
Over 1-month span:												
1996 .....	42.4	55.4	46.8	41.0	55.8	51.4	47.1	56.5	48.9	55.0	50.7	54.0
1997 .....	50.0	52.9	53.6	56.1	52.2	53.2	51.1	55.4	53.6	62.2	61.2	55.4
1998 .....	58.6	51.8	50.4	50.4	40.6	46.8	40.3	45.3	42.1	36.3	39.9	45.0
1999 .....	40.3	42.4	39.6	44.6	36.3	45.3	57.2	38.5	42.8	48.9	50.7	49.3
2000 .....	51.1	49.3	P45.0	P52.5								
Over 3-month span:												
1996 .....	46.8	46.0	43.5	46.0	48.2	51.1	51.8	49.6	53.2	52.5	55.0	50.7
1997 .....	51.8	51.4	57.6	56.8	54.3	51.8	53.6	55.4	59.7	68.3	65.8	64.4
1998 .....	59.4	57.9	51.8	44.2	41.7	34.9	37.4	37.1	38.1	34.2	35.6	35.3
1999 .....	37.4	31.7	37.1	30.2	33.8	43.9	43.2	44.6	38.5	46.4	50.0	50.4
2000 .....	49.6	P49.6	P48.2									
Over 6-month span:												
1996 .....	41.4	46.0	45.7	47.1	46.0	48.6	52.9	50.4	51.8	51.4	52.5	51.8
1997 .....	54.7	54.0	51.4	54.3	52.5	52.2	55.4	61.2	61.5	64.7	66.2	65.1
1998 .....	59.7	49.3	48.2	36.7	36.7	36.7	28.4	31.3	33.5	35.3	32.7	28.1
1999 .....	33.1	29.1	28.1	36.0	30.9	34.5	36.3	44.6	45.7	41.4	47.8	P50.7
2000 .....	P52.5											
Over 12-month span:												
1996 .....	43.5	47.5	45.3	45.3	50.4	49.6	50.4	48.6	51.1	55.0	54.3	50.7
1997 .....	54.7	52.5	54.0	54.0	55.4	56.8	57.2	57.9	58.3	56.5	55.4	57.2
1998 .....	54.0	49.3	46.0	40.6	35.6	33.8	30.9	32.0	26.6	26.6	25.5	26.3
1999 .....	32.7	25.9	28.4	29.5	29.9	31.7	34.9	32.7	P40.3	P40.6		
2000 .....												

<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. Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1998) and all seasonally adjusted data (beginning January 1995) are subject to revision.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted**

(In thousands)

State	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
	Total <sup>1</sup>												
Alabama .....	1,916.0	1,913.3	1,914.2	1,917.7	1,927.8	1,930.5	1,937.1	1,935.7	1,937.3	1,940.5	1,941.7	1,946.9	1,947.9
Alaska .....	276.0	276.2	276.3	276.8	278.0	278.1	278.9	278.7	277.3	280.3	280.1	278.7	279.8
Arizona .....	2,128.5	2,141.6	2,148.2	2,156.7	2,170.3	2,172.8	2,179.0	2,188.0	2,190.5	2,203.0	2,214.7	2,222.5	2,226.6
Arkansas .....	1,136.6	1,137.5	1,137.0	1,137.7	1,140.4	1,141.3	1,142.4	1,149.1	1,151.5	1,153.8	1,158.2	1,162.3	1,163.4
California .....	13,855.5	13,900.0	13,924.8	13,948.3	14,001.8	14,033.4	14,063.8	14,083.9	14,120.9	14,171.3	14,211.5	14,252.5	14,268.1
Colorado .....	2,106.9	2,119.4	2,123.8	2,132.0	2,146.7	2,148.0	2,152.2	2,156.4	2,161.8	2,166.5	2,171.4	2,182.1	2,189.9
Connecticut .....	1,665.1	1,669.1	1,668.8	1,670.7	1,675.2	1,676.2	1,674.3	1,674.7	1,678.2	1,680.7	1,685.3	1,686.8	1,692.6
Delaware .....	410.1	410.1	410.1	410.6	409.5	413.4	413.7	415.3	416.0	417.4	415.8	419.6	421.2
District of Columbia .....	614.9	612.6	613.6	614.3	615.3	617.0	617.1	618.1	619.2	620.8	620.7	621.2	619.8
Florida .....	6,795.9	6,806.3	6,832.5	6,856.1	6,885.3	6,909.7	6,934.1	6,965.4	6,990.2	7,016.6	7,032.2	7,061.0	7,086.5
Georgia .....	3,838.3	3,858.3	3,870.2	3,879.6	3,899.8	3,916.1	3,931.7	3,932.8	3,939.1	3,948.1	3,971.5	3,974.1	3,997.3
Hawaii .....	529.5	530.6	531.6	533.8	534.9	538.8	541.2	537.1	537.3	536.8	535.9	537.2	539.6
Idaho .....	532.9	533.6	535.8	538.4	540.2	542.6	542.2	547.9	547.9	548.9	546.2	551.5	555.2
Illinois .....	5,943.4	5,953.4	5,953.7	5,966.6	5,972.5	5,968.1	5,970.3	5,972.9	5,979.3	5,983.6	5,948.2	5,985.5	6,001.1
Indiana .....	2,951.8	2,959.9	2,968.0	2,968.2	2,980.7	2,980.6	2,980.2	2,982.1	2,984.8	2,986.8	2,986.3	2,986.4	2,988.1
Iowa .....	1,464.4	1,467.8	1,467.5	1,469.2	1,467.3	1,465.3	1,466.8	1,466.9	1,469.4	1,473.4	1,477.3	1,481.2	1,485.2
Kansas .....	1,324.7	1,322.5	1,320.8	1,324.4	1,326.5	1,325.3	1,323.7	1,333.2	1,337.2	1,339.9	1,340.0	1,339.6	1,343.1
Kentucky .....	1,781.4	1,791.0	1,791.9	1,795.8	1,793.2	1,799.3	1,801.0	1,804.2	1,809.6	1,813.9	1,822.5	1,825.9	1,827.9
Louisiana .....	1,896.0	1,891.4	1,888.7	1,889.9	1,896.0	1,898.1	1,900.9	1,904.8	1,907.8	1,907.4	1,899.2	1,905.1	1,909.7
Maine .....	582.7	583.2	582.7	584.9	586.1	586.2	588.8	590.2	591.8	593.1	593.1	597.7	599.0
Maryland .....	2,367.5	2,375.9	2,378.5	2,380.3	2,368.4	2,372.6	2,396.3	2,401.2	2,406.3	2,409.8	2,427.5	2,424.6	2,433.9
Massachusetts .....	3,214.2	3,225.6	3,223.8	3,231.3	3,243.3	3,247.8	3,253.4	3,255.6	3,255.5	3,264.3	3,270.6	3,273.9	3,275.1
Michigan .....	4,515.5	4,525.1	4,526.6	4,531.5	4,541.6	4,542.6	4,543.7	4,538.5	4,544.7	4,549.5	4,547.6	4,548.0	4,554.1
Minnesota .....	2,592.1	2,601.5	2,600.2	2,604.4	2,614.4	2,617.0	2,619.6	2,623.9	2,627.0	2,632.7	2,637.6	2,648.2	2,649.2
Mississippi .....	1,148.9	1,152.7	1,153.1	1,156.7	1,161.2	1,161.5	1,162.0	1,160.3	1,158.4	1,156.9	1,159.4	1,158.9	1,159.9
Missouri .....	2,711.5	2,715.7	2,716.5	2,722.5	2,727.8	2,725.8	2,740.4	2,738.3	2,739.7	2,740.1	2,752.9	2,738.4	2,746.1
Montana .....	379.9	379.9	379.6	380.5	383.2	382.9	383.4	384.1	385.4	386.8	385.7	386.2	389.8
Nebraska .....	886.6	887.9	888.3	891.7	897.8	894.9	894.8	894.1	893.8	894.9	894.8	893.5	895.1
Nevada .....	970.6	975.3	979.0	980.1	988.8	994.4	996.0	1,001.4	1,004.2	1,007.0	1,007.9	1,008.7	1,012.4
New Hampshire .....	601.4	603.9	603.6	605.5	606.8	608.3	607.8	606.6	609.2	610.7	612.8	612.4	612.2
New Jersey .....	3,846.4	3,854.5	3,860.0	3,864.2	3,869.8	3,870.9	3,877.6	3,884.6	3,889.8	3,896.5	3,902.5	3,902.0	3,912.3
New Mexico .....	726.2	727.6	728.3	729.8	730.6	733.0	734.0	733.1	734.5	735.5	732.0	737.2	740.5
New York .....	8,399.6	8,428.0	8,427.7	8,438.0	8,464.1	8,469.9	8,475.0	8,496.0	8,514.9	8,530.7	8,556.6	8,566.2	8,578.7
North Carolina .....	3,853.4	3,851.9	3,852.1	3,839.4	3,885.5	3,906.2	3,881.0	3,879.2	3,885.7	3,886.4	3,906.2	3,896.6	3,912.3
North Dakota .....	321.2	323.9	322.9	323.6	323.6	323.1	325.1	325.5	326.5	326.1	325.2	324.4	325.0
Ohio .....	5,529.6	5,541.0	5,536.2	5,543.0	5,558.4	5,561.5	5,560.4	5,566.6	5,571.6	5,580.3	5,585.6	5,593.0	5,595.0
Oklahoma .....	1,456.0	1,455.1	1,456.4	1,462.3	1,460.5	1,463.6	1,464.7	1,470.1	1,472.3	1,475.5	1,472.2	1,480.5	1,482.1
Oregon .....	1,566.4	1,566.8	1,565.9	1,567.2	1,580.1	1,579.8	1,576.0	1,583.0	1,586.3	1,588.9	1,586.1	1,592.7	1,587.2
Pennsylvania .....	5,566.4	5,573.0	5,571.7	5,588.6	5,584.5	5,587.1	5,581.2	5,583.0	5,583.8	5,580.6	5,625.2	5,608.8	5,626.0
Rhode Island .....	461.8	463.8	463.2	463.2	465.6	466.8	466.8	467.7	467.7	467.6	466.1	468.8	468.6
South Carolina .....	1,819.4	1,824.5	1,827.5	1,831.0	1,835.1	1,837.7	1,840.5	1,843.9	1,850.0	1,855.8	1,854.3	1,862.2	1,866.1
South Dakota .....	369.7	371.5	372.2	372.1	372.2	372.7	373.3	376.3	377.9	378.5	378.3	378.8	380.8
Tennessee .....	2,666.0	2,664.2	2,666.2	2,670.6	2,679.2	2,687.5	2,682.6	2,684.4	2,688.7	2,691.8	2,693.5	2,697.8	2,716.7
Texas .....	9,125.9	9,107.5	9,119.8	9,139.5	9,137.0	9,162.9	9,191.4	9,212.6	9,239.8	9,264.9	9,279.1	9,306.5	9,351.5
Utah .....	1,041.1	1,045.1	1,046.0	1,048.9	1,051.8	1,053.0	1,057.9	1,059.4	1,060.3	1,061.9	1,060.4	1,065.6	1,067.4
Vermont .....	289.4	290.4	290.5	289.8	290.6	290.9	290.0	291.0	291.4	292.2	294.5	294.6	295.9
Virginia .....	3,390.1	3,392.9	3,396.1	3,404.0	3,406.4	3,415.2	3,417.8	3,432.4	3,435.9	3,440.9	3,451.6	3,458.4	3,461.0
Washington .....	2,635.3	2,632.8	2,633.1	2,637.2	2,645.9	2,649.8	2,647.1	2,653.7	2,660.1	2,665.6	2,668.3	2,658.7	2,678.9
West Virginia .....	724.7	726.2	725.8	725.4	724.7	723.5	722.6	726.2	727.3	728.3	729.1	729.1	734.4
Wisconsin .....	2,766.1	2,772.2	2,773.9	2,779.7	2,782.9	2,782.7	2,779.6	2,787.7	2,789.3	2,794.5	2,796.5	2,801.0	2,811.1
Wyoming .....	232.2	231.5	231.2	232.4	233.8	231.2	231.4	233.3	234.6	235.1	236.1	236.1	235.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
	Construction												
Alabama .....	103.5	102.7	102.7	102.6	104.3	104.5	105.1	105.4	105.3	105.8	107.1	107.9	108.8
Alaska .....	13.9	14.0	13.7	13.6	13.5	13.5	13.6	13.7	13.9	14.3	14.3	14.6	14.9
Arizona .....	151.9	153.2	153.5	154.4	156.1	157.1	157.5	157.5	158.1	158.8	157.5	159.5	157.3
Arkansas .....	50.6	50.4	50.2	50.0	49.8	50.0	49.8	50.5	50.9	51.2	53.0	53.4	53.5
California .....	663.1	668.3	672.3	676.2	682.0	683.7	690.1	695.4	700.2	705.5	713.3	720.1	713.2
Colorado .....	142.7	145.4	145.2	147.1	149.5	150.3	150.5	151.8	153.2	154.0	157.4	162.9	163.3
Connecticut .....	60.9	60.7	60.6	60.4	60.1	60.2	60.8	61.2	61.7	62.2	63.6	63.3	64.1
Delaware .....	24.5	24.8	24.7	24.7	24.2	24.1	24.0	23.9	23.6	23.8	24.8	24.8	24.9
District of Columbia .....	8.8	8.8	8.7	8.9	8.9	9.1	9.2	9.4	9.4	9.5	9.4	9.3	9.2
Florida .....	363.4	363.0	363.6	364.9	366.3	366.9	366.8	368.0	368.7	369.6	373.4	376.0	378.2
Georgia .....	195.6	197.0	198.3	200.1	200.5	199.8	199.5	200.9	200.7	200.8	200.2	200.8	203.3
Hawaii <sup>2</sup> .....	21.4	21.6	21.6	21.7	21.9	21.5	21.6	21.5	21.6	21.8	22.3	22.8	23.8
Idaho .....	34.0	34.4	34.6	34.8	34.9	35.0	35.0	36.7	36.5	36.8	36.1	37.3	37.7
Illinois .....	251.1	251.7	250.8	251.9	254.9	252.6	253.0	253.5	253.6	253.6	253.0	255.0	262.9
Indiana .....	148.0	148.0	147.6	147.6	147.3	146.5	147.0	147.4	147.6	147.6	146.7	149.5	152.0
Iowa .....	65.6	65.8	65.4	65.4	64.9	64.6	64.6	64.8	65.0	65.7	66.1	67.8	68.6
Kansas .....	64.3	65.1	64.9	65.4	65.6	65.8	66.3	66.6	67.0	67.5	68.6	67.9	69.5
Kentucky .....	85.8	86.2	86.0	86.0	86.2	86.8	86.6	87.4	88.0	88.4	90.6	88.7	89.6
Louisiana .....	130.4	129.4	128.7	128.7	128.6	129.3	130.0	130.8	131.6	131.5	126.8	130.2	129.8
Maine .....	27.6	27.8	27.1	28.0	28.2	28.3	28.6	28.8	29.1	29.4	29.7	30.8	30.7
Maryland .....	148.6	149.1	149.4	149.7	152.0	151.8	151.9	151.6	151.7	151.7	159.3	157.7	158.8
Massachusetts .....	117.1	118.8	118.7	118.9	118.5	118.8	120.0	120.1	120.7	122.1	125.5	124.6	126.1
Michigan .....	187.4	190.4	190.5	190.8	191.5	190.9	190.9	190.8	191.8	192.8	194.3	192.0	192.3
Minnesota .....	110.2	111.4	109.8	110.1	111.6	112.0	113.1	114.5	115.6	118.8	120.2	119.6	120.1
Mississippi .....	56.4	55.8	55.8	55.7	55.4	55.2	55.6	55.3	56.0	56.2	56.3	55.8	55.2
Missouri .....	133.6	135.2	135.3	136.6	141.1	141.3	141.3	141.4	140.8	140.9	145.3	140.5	142.9
Montana .....	19.8	19.9	19.7	19.9	19.7	19.3	19.1	19.3	19.4	19.9	19.9	20.3	20.9
Nebraska .....	42.6	42.5	42.4	42.6	43.5	43.5	43.7	43.7	44.1	44.9	44.9	43.8	44.5
Nevada .....	92.6	90.2	88.6	88.5	89.2	89.3	89.8	90.5	91.3	91.7	91.6	91.6	91.8
New Hampshire .....	24.3	24.5	24.3	24.3	24.4	24.4	24.5	24.7	24.7	24.8	26.1	26.3	26.2
New Jersey .....	137.4	136.9	137.0	137.1	137.5	137.4	137.7	139.0	139.3	139.8	142.7	141.8	141.7
New Mexico .....	43.3	43.4	43.3	43.6	43.6	43.6	43.6	44.0	44.0	43.9	43.9	44.1	44.5
New York .....	302.3	309.1	309.5	310.9	311.9	312.0	312.7	314.3	316.8	319.5	328.2	326.9	326.2
North Carolina .....	222.1	224.2	224.4	225.4	225.9	226.2	225.8	225.1	225.3	225.1	227.0	226.3	227.9
North Dakota .....	15.8	16.4	16.0	16.4	17.1	17.2	17.3	17.4	18.0	17.9	19.0	17.3	17.5
Ohio .....	237.8	236.1	234.9	235.2	235.5	235.4	235.8	236.8	237.2	238.2	239.2	241.1	240.7
Oklahoma .....	57.4	57.2	57.3	57.3	57.9	58.1	58.4	58.8	59.0	58.8	58.7	59.7	59.7
Oregon .....	82.4	82.5	82.3	82.2	82.7	82.7	82.7	83.5	83.7	83.7	83.2	85.5	84.3
Pennsylvania .....	235.1	234.4	236.0	235.2	236.1	235.7	236.2	237.6	238.9	238.5	248.1	243.8	244.5
Rhode Island .....	17.2	17.5	17.5	17.7	18.0	18.2	18.2	18.4	18.7	18.6	17.7	17.7	18.1
South Carolina .....	112.3	113.1	113.1	113.1	114.3	114.8	115.4	116.1	116.7	117.2	117.2	118.1	118.1
South Dakota .....	16.7	17.0	17.2	17.2	17.2	17.1	17.2	17.0	17.8	17.4	17.6	17.9	18.5
Tennessee .....	122.6	123.2	123.2	123.6	123.7	124.0	124.4	124.7	125.0	125.7	124.3	126.6	126.9
Texas .....	521.9	523.0	522.9	526.3	529.3	531.5	533.4	534.5	537.0	538.6	539.6	545.7	548.0
Utah .....	71.9	71.9	71.6	72.0	73.2	73.3	73.5	74.4	74.6	75.0	76.8	77.3	76.7
Vermont .....	14.7	15.5	14.7	14.3	14.7	14.5	14.4	14.4	14.5	14.6	15.0	15.4	15.2
Virginia .....	196.1	197.9	197.6	197.8	195.5	196.1	195.9	198.5	199.8	201.3	202.7	203.4	203.5
Washington .....	150.3	151.4	151.5	153.1	154.6	154.4	154.7	155.9	156.5	157.9	156.7	158.3	157.8
West Virginia .....	33.4	33.5	33.7	33.1	32.9	32.9	32.7	33.1	33.2	33.0	33.9	33.2	35.2
Wisconsin .....	121.3	121.7	120.6	121.2	120.7	120.9	120.5	121.1	121.8	122.5	123.1	124.0	126.9
Wyoming .....	17.5	17.3	17.2	17.1	17.1	17.0	17.1	17.0	17.1	17.3	18.2	18.7	18.5

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1999											2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar. <sup>P</sup>
	Manufacturing													
Alabama .....	370.2	369.2	369.4	368.3	369.6	368.2	367.4	367.1	366.6	365.8		365.6	366.2	366.7
Alaska .....	13.6	13.2	13.2	12.8	14.0	14.7	15.3	14.6	12.4	14.7		13.3	11.6	11.9
Arizona .....	210.9	211.3	211.1	210.9	211.8	211.6	211.8	212.1	212.5	212.8		212.7	213.5	213.8
Arkansas .....	252.1	252.1	252.3	251.1	252.5	252.2	252.3	253.4	253.9	253.8		252.8	254.7	254.0
California .....	1,923.9	1,924.6	1,923.7	1,922.9	1,921.8	1,922.9	1,926.5	1,923.7	1,922.9	1,924.6		1,921.3	1,921.9	1,920.8
Colorado .....	204.2	204.8	204.2	204.0	204.5	204.0	203.5	203.3	203.2	202.6		203.0	203.8	203.9
Connecticut .....	271.6	270.7	269.4	268.4	269.1	268.1	267.3	266.5	267.0	266.9		265.4	266.6	265.9
Delaware .....	60.2	60.0	59.9	60.2	57.3	59.5	59.4	59.6	59.6	59.6		58.3	59.7	59.7
District of Columbia .....	11.9	11.9	11.9	11.8	11.9	12.0	12.0	12.0	12.0	12.0		12.2	12.1	12.0
Florida .....	491.1	488.8	487.5	487.0	487.2	486.7	486.3	485.9	485.9	485.3		487.0	487.0	488.6
Georgia .....	599.4	598.9	598.9	599.2	598.4	600.8	599.8	599.8	600.2	600.4		605.3	605.0	605.8
Hawaii .....	16.3	16.5	16.4	16.4	16.6	16.6	16.6	16.6	16.7	16.6		16.5	16.8	16.7
Idaho .....	76.1	76.0	76.2	76.3	76.7	76.8	76.7	76.9	76.8	76.9		76.9	77.2	77.5
Illinois .....	958.3	956.6	954.8	953.9	955.3	955.7	955.8	955.3	954.9	955.2		950.7	952.6	952.1
Indiana .....	686.2	686.3	686.8	688.2	692.4	691.9	692.2	692.3	692.5	692.7		694.1	692.0	691.6
Iowa .....	262.0	262.4	262.6	261.9	261.8	261.2	260.4	259.9	259.9	260.3		259.8	260.9	261.1
Kansas .....	215.7	213.7	213.3	213.1	212.6	211.9	210.9	211.3	211.3	211.3		211.7	211.6	211.4
Kentucky .....	320.4	319.4	318.7	318.6	320.0	320.6	321.4	321.2	322.2	322.5		322.8	322.8	322.4
Louisiana .....	189.3	189.6	188.4	187.9	188.2	188.3	187.9	187.6	187.4	186.8		186.7	186.7	186.9
Maine .....	86.7	85.8	85.8	86.0	85.8	85.8	86.0	85.9	86.2	86.2		86.2	86.4	86.0
Maryland .....	176.7	177.0	176.4	176.2	177.6	177.3	177.4	176.9	177.3	177.4		178.6	177.3	177.4
Massachusetts .....	434.9	434.2	432.8	431.8	432.4	432.5	432.5	432.5	432.5	432.4		430.8	431.1	430.4
Michigan .....	981.3	979.8	979.7	979.7	981.5	981.6	979.8	975.6	972.4	970.4		969.0	969.1	965.8
Minnesota .....	439.1	439.3	438.7	438.8	438.7	438.9	439.3	439.9	439.5	439.9		440.8	440.7	440.2
Mississippi .....	245.6	245.1	244.2	244.8	246.6	246.2	245.3	244.3	243.1	242.4		243.0	243.9	244.0
Missouri .....	413.4	412.7	412.3	413.0	412.6	411.7	409.4	408.2	406.6	405.6		407.5	404.9	402.1
Montana .....	24.5	24.4	24.3	24.1	24.8	24.7	24.6	24.7	24.7	24.6		24.5	24.6	24.8
Nebraska .....	118.6	117.8	117.2	117.0	117.5	116.9	116.9	117.1	117.0	116.9		117.0	116.9	117.5
Nevada .....	42.2	42.2	42.3	42.4	42.1	42.4	42.4	42.5	42.7	42.7		43.0	42.9	43.0
New Hampshire .....	106.8	106.9	106.4	106.5	106.4	106.5	106.3	106.3	106.4	106.2		105.7	105.3	104.7
New Jersey .....	468.9	468.7	467.5	466.5	466.5	464.7	464.4	463.3	463.5	463.5		463.3	463.8	463.2
New Mexico .....	42.7	42.5	42.5	42.4	42.6	42.4	42.1	41.7	41.6	41.6		41.6	41.9	42.1
New York .....	896.0	893.9	892.2	890.5	892.2	891.3	889.7	889.2	889.5	889.9		891.4	889.8	887.7
North Carolina .....	810.7	807.7	805.3	802.7	803.1	798.6	797.2	795.7	794.5	792.6		791.7	791.9	791.9
North Dakota .....	24.0	24.2	24.2	24.3	24.0	23.9	23.9	23.8	23.9	24.0		24.0	24.0	24.0
Ohio .....	1,090.1	1,089.6	1,088.4	1,088.2	1,087.8	1,089.2	1,085.1	1,083.1	1,083.3	1,082.0		1,084.1	1,083.0	1,082.7
Oklahoma .....	183.7	183.2	184.5	185.3	184.7	184.2	183.9	183.6	183.7	183.6		183.2	183.7	183.9
Oregon .....	242.4	242.0	240.8	239.9	239.8	239.3	239.1	240.2	241.6	241.8		242.3	243.3	242.3
Pennsylvania .....	933.3	932.4	928.4	926.9	931.8	929.3	929.3	929.7	929.7	929.1		931.1	928.0	930.5
Rhode Island .....	75.2	74.9	74.6	74.2	73.3	74.0	74.0	74.0	74.1	73.9		74.1	74.1	74.2
South Carolina .....	347.8	347.1	346.3	345.4	344.6	342.6	342.8	342.1	342.7	342.9		343.6	343.6	343.6
South Dakota .....	49.8	50.3	50.4	50.2	50.0	49.8	50.0	50.5	50.5	50.4		50.2	50.0	50.3
Tennessee .....	507.7	506.9	507.1	506.9	510.0	511.1	510.2	510.5	509.8	508.5		507.9	506.6	507.1
Texas .....	1,093.7	1,086.5	1,084.0	1,081.7	1,084.2	1,082.5	1,081.4	1,082.1	1,082.4	1,081.9		1,081.6	1,083.8	1,084.6
Utah .....	131.7	132.2	132.5	132.6	133.3	133.1	133.0	132.8	132.5	132.3		133.0	133.0	132.8
Vermont .....	47.7	47.8	47.8	47.9	47.9	47.9	47.7	47.8	47.8	47.8		48.3	48.1	48.1
Virginia .....	396.7	392.2	393.0	393.7	394.3	397.3	397.4	396.9	396.8	397.1		398.9	396.6	395.8
Washington .....	369.5	368.3	366.1	364.7	363.7	362.3	359.4	357.2	356.6	356.2		354.9	339.1	353.4
West Virginia .....	81.7	81.6	81.2	80.7	81.4	81.3	81.4	82.0	82.1	82.2		83.1	82.6	82.4
Wisconsin .....	618.7	617.3	616.3	616.0	614.9	613.4	612.3	614.4	614.8	615.1		614.3	616.3	615.1
Wyoming .....	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.2	11.2		11.0	11.3	11.3

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
Transportation and public utilities													
Alabama .....	93.8	94.3	94.5	94.6	94.8	95.0	95.3	95.3	95.7	96.1	95.7	96.5	96.4
Alaska .....	25.7	25.7	25.9	26.3	26.3	26.4	26.3	26.5	26.5	26.5	26.7	26.7	26.7
Arizona .....	102.1	102.8	103.4	103.9	104.0	104.4	104.9	105.6	105.9	106.2	105.6	107.1	107.1
Arkansas .....	68.7	69.0	69.0	69.2	69.3	69.3	69.5	69.5	69.8	69.6	70.3	70.4	70.5
California .....	709.7	717.6	717.9	718.0	720.8	723.0	724.0	725.6	728.1	730.4	735.5	738.3	739.0
Colorado .....	138.2	138.7	139.4	139.1	139.0	138.4	139.2	139.9	141.5	141.2	141.8	141.6	141.9
Connecticut .....	78.1	78.4	78.2	78.2	77.9	77.8	77.8	78.4	78.7	78.9	79.7	79.1	79.2
Delaware .....	16.6	16.7	16.8	16.8	16.5	16.8	17.0	17.0	17.3	17.2	17.7	17.8	17.8
District of Columbia .....	17.7	17.7	17.5	17.1	16.9	16.8	17.1	17.1	17.1	17.0	18.2	18.2	18.1
Florida .....	348.2	347.7	347.9	348.1	348.2	349.7	351.2	353.3	355.6	357.0	355.7	356.2	356.6
Georgia .....	255.2	256.5	256.9	257.3	256.6	258.0	259.1	260.0	260.8	262.0	266.5	264.4	264.0
Hawaii .....	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)	(3)
Idaho .....	26.6	26.7	26.7	26.9	26.9	27.0	27.0	27.1	27.0	26.9	27.0	27.1	27.5
Illinois .....	348.1	348.6	348.2	348.0	345.2	346.0	346.3	346.4	346.2	345.9	348.0	348.1	347.7
Indiana .....	147.3	147.7	147.5	147.4	146.6	147.1	147.3	147.1	146.9	147.1	145.5	146.8	146.8
Iowa .....	71.8	71.9	72.1	72.1	72.1	72.3	72.3	72.0	72.0	72.2	73.2	73.1	73.2
Kansas .....	76.9	77.0	76.9	77.2	78.5	78.8	78.8	78.8	79.2	78.8	78.6	78.8	78.8
Kentucky .....	104.7	104.4	104.4	104.4	105.0	105.7	106.2	106.3	106.6	107.0	108.9	108.0	108.4
Louisiana .....	112.8	112.1	112.0	111.8	112.4	112.5	113.0	113.3	113.4	113.5	112.9	113.6	114.2
Maine .....	24.0	23.9	23.9	24.0	24.0	24.0	24.0	24.0	23.9	23.9	23.8	23.8	24.0
Maryland .....	110.3	111.2	111.3	111.8	112.2	112.1	112.2	112.3	112.5	112.8	113.5	114.3	113.3
Massachusetts .....	137.8	138.8	138.8	139.1	139.2	139.8	139.9	140.2	140.2	140.8	139.4	139.3	139.8
Michigan .....	176.9	176.6	176.4	176.4	176.5	176.7	176.9	176.9	177.0	177.4	177.1	178.1	178.6
Minnesota .....	130.0	131.9	131.1	131.9	131.1	130.9	130.7	130.7	130.3	129.9	129.4	129.8	129.8
Mississippi .....	54.8	55.3	55.4	55.8	55.8	55.9	56.1	55.9	56.1	56.3	56.9	56.5	57.4
Missouri .....	170.8	171.0	171.0	171.7	170.5	172.4	172.9	174.1	175.0	174.5	170.2	171.1	170.9
Montana .....	22.2	22.3	22.2	22.2	22.0	22.1	22.1	22.1	22.3	22.3	22.7	22.6	22.7
Nebraska .....	57.4	57.7	57.6	57.5	57.5	57.6	57.7	57.6	57.6	57.1	57.7	58.0	58.1
Nevada .....	50.6	51.0	51.3	51.6	51.7	52.0	52.2	52.3	52.3	52.8	53.3	53.5	53.7
New Hampshire .....	21.3	21.4	21.4	21.5	21.5	21.8	21.6	21.6	21.6	21.6	21.5	21.8	21.7
New Jersey .....	263.1	263.6	263.0	263.6	263.0	263.6	263.3	263.5	264.2	264.9	265.4	265.5	265.3
New Mexico .....	34.7	35.1	35.3	35.6	35.5	35.7	35.7	36.0	36.0	36.1	35.6	35.8	35.8
New York .....	416.7	420.0	418.7	419.5	420.4	420.6	420.6	420.6	421.5	421.5	419.9	420.9	421.4
North Carolina .....	174.8	176.2	176.7	177.0	177.8	178.0	178.7	178.4	178.4	178.0	178.3	178.0	179.1
North Dakota .....	18.4	18.4	18.5	18.5	18.6	18.5	18.5	18.4	18.6	18.6	18.7	18.4	18.3
Ohio .....	244.2	244.7	244.5	244.9	245.5	245.9	246.1	246.2	246.2	246.1	245.7	246.8	246.7
Oklahoma .....	81.7	81.8	81.6	81.5	81.6	81.6	81.7	82.0	82.1	82.2	81.7	81.7	82.0
Oregon .....	77.4	77.5	77.6	77.7	77.7	78.3	78.7	78.7	78.8	78.5	78.5	78.7	79.5
Pennsylvania .....	291.7	294.2	294.4	295.7	293.5	293.4	293.3	293.6	294.1	294.7	298.7	297.0	296.3
Rhode Island .....	16.0	15.8	16.0	16.0	16.3	16.2	16.1	16.2	16.2	16.1	15.7	15.8	15.7
South Carolina .....	86.9	87.0	87.3	87.8	88.4	88.4	88.5	88.4	88.6	89.0	88.9	89.2	89.7
South Dakota .....	16.8	16.7	16.7	16.7	16.8	16.8	16.7	16.6	16.6	16.7	16.9	17.0	17.0
Tennessee .....	171.0	172.0	172.0	172.4	171.8	172.0	172.4	172.6	173.2	173.4	171.6	170.7	170.7
Texas .....	559.0	559.4	559.6	561.1	560.9	562.7	565.1	567.6	569.9	571.7	574.4	575.2	576.8
Utah .....	58.9	59.2	59.0	59.5	59.8	59.6	59.9	60.3	60.1	59.9	59.4	59.4	59.8
Vermont .....	12.2	12.2	12.3	12.3	12.4	12.1	12.5	12.6	12.6	12.6	12.7	12.5	12.5
Virginia .....	175.6	176.2	176.9	177.6	179.0	178.9	179.4	179.8	180.6	181.4	184.1	185.1	185.2
Washington .....	138.6	138.5	138.8	139.2	139.8	140.0	140.4	140.5	140.8	140.5	140.6	140.1	140.1
West Virginia .....	38.1	38.2	38.3	38.4	38.3	38.3	38.3	38.5	38.4	38.4	38.4	38.0	38.1
Wisconsin .....	130.0	130.3	130.3	130.7	131.2	131.2	131.2	131.8	131.1	130.8	130.0	130.2	131.0
Wyoming .....	14.3	14.3	14.2	14.3	14.2	14.3	14.2	14.2	14.3	14.1	14.2	14.1	14.0

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
	Trade												
Alabama .....	444.8	441.2	442.6	444.2	447.8	448.5	449.4	450.3	451.4	452.3	454.9	454.5	454.1
Alaska .....	57.1	57.3	56.9	57.3	57.5	57.5	57.4	57.3	57.5	57.4	57.9	57.8	57.7
Arizona .....	503.0	507.6	510.5	513.5	513.5	515.2	516.2	517.7	518.5	520.4	521.9	521.6	520.7
Arkansas .....	260.9	261.2	260.9	261.7	262.4	262.4	262.7	265.0	265.4	266.1	267.4	268.8	268.0
California .....	3,170.1	3,178.4	3,182.8	3,187.8	3,201.5	3,210.6	3,213.0	3,210.5	3,217.7	3,235.9	3,228.5	3,246.7	3,246.6
Colorado .....	502.0	503.3	504.4	507.8	511.5	510.1	511.4	512.0	513.0	515.0	513.7	517.3	520.2
Connecticut .....	359.0	359.5	358.9	358.9	359.3	361.1	359.0	359.2	360.5	361.3	362.4	362.8	363.5
Delaware .....	89.6	89.5	89.5	89.6	90.1	90.5	90.8	91.1	91.5	92.1	91.7	92.4	92.5
District of Columbia .....	47.6	47.9	47.7	47.8	47.6	47.6	47.7	47.6	47.8	48.2	48.5	48.5	48.4
Florida .....	1,709.4	1,707.2	1,715.1	1,721.7	1,725.4	1,730.5	1,734.3	1,738.2	1,739.0	1,741.6	1,743.0	1,745.9	1,751.9
Georgia .....	948.4	954.7	960.2	963.9	974.1	979.3	981.3	985.2	987.9	990.1	997.1	1,001.4	1,009.4
Hawaii .....	131.9	132.2	132.3	132.7	133.2	133.5	133.7	133.6	134.0	133.7	133.3	133.6	134.2
Idaho .....	134.9	135.2	135.4	136.0	136.3	136.3	136.5	137.8	137.5	137.7	137.1	137.9	139.4
Illinois .....	1,341.6	1,345.5	1,343.9	1,345.9	1,350.5	1,349.2	1,347.5	1,346.6	1,347.5	1,349.6	1,338.5	1,348.4	1,346.6
Indiana .....	697.0	699.4	700.3	702.2	706.1	706.4	706.2	706.9	710.3	711.8	706.7	705.9	702.7
Iowa .....	356.0	356.9	356.7	357.9	356.9	355.3	354.0	355.2	355.9	356.6	355.5	356.8	357.5
Kansas .....	318.6	318.2	317.4	317.9	318.3	317.5	316.7	319.2	320.6	321.9	321.8	321.8	321.4
Kentucky .....	423.2	425.7	426.1	426.6	427.0	427.4	427.0	428.0	429.3	430.8	432.6	434.2	433.0
Louisiana .....	443.3	441.4	441.5	442.9	445.1	444.8	444.9	445.0	443.5	442.8	439.9	441.6	440.8
Maine .....	145.5	146.0	145.7	145.8	146.2	146.2	146.5	147.4	148.4	148.8	149.0	149.8	149.7
Maryland .....	545.3	546.8	548.1	548.4	550.1	552.2	553.4	554.2	555.1	554.7	558.4	561.0	562.6
Massachusetts .....	733.1	735.9	735.6	737.2	743.2	744.0	743.6	743.8	742.7	744.7	745.3	743.4	741.3
Michigan .....	1,058.4	1,061.6	1,060.5	1,061.4	1,064.9	1,065.4	1,066.0	1,067.2	1,070.9	1,072.5	1,070.7	1,071.3	1,074.9
Minnesota .....	616.0	617.8	618.7	619.7	621.9	620.8	621.6	622.1	623.4	623.7	623.6	628.7	628.4
Mississippi .....	251.8	253.4	253.9	254.1	253.7	253.3	253.2	253.0	252.3	252.4	251.6	250.7	249.8
Missouri .....	638.2	640.0	640.7	641.9	645.4	645.9	646.0	646.4	646.4	647.2	646.5	646.4	645.4
Montana .....	101.1	101.1	100.8	101.6	101.5	101.6	101.8	101.7	102.1	102.4	102.0	102.1	102.5
Nebraska .....	214.9	215.4	215.5	216.4	218.7	216.7	216.5	215.7	215.1	214.8	213.9	213.7	214.2
Nevada .....	196.2	198.3	199.9	201.3	203.4	204.5	205.4	206.2	206.9	207.8	207.1	207.1	208.1
New Hampshire .....	159.0	159.7	159.9	160.7	161.2	161.4	161.2	160.7	161.1	161.2	162.6	162.4	162.9
New Jersey .....	899.8	902.0	903.7	904.9	907.0	908.5	910.4	912.4	914.5	916.5	918.0	917.8	922.9
New Mexico .....	170.8	171.1	171.0	170.9	171.0	171.3	171.8	171.5	171.9	172.1	170.9	172.5	172.5
New York .....	1,697.9	1,708.7	1,705.8	1,707.6	1,712.5	1,713.3	1,713.6	1,719.1	1,723.3	1,726.6	1,727.2	1,731.3	1,734.3
North Carolina .....	872.9	871.2	872.0	872.7	878.0	877.2	878.0	877.1	878.3	877.3	884.3	879.5	882.5
North Dakota .....	80.6	81.4	81.5	82.0	81.8	81.4	81.7	81.5	81.4	81.3	79.3	81.4	80.9
Ohio .....	1,332.3	1,334.7	1,332.8	1,334.9	1,334.9	1,334.8	1,333.2	1,335.6	1,335.4	1,338.4	1,335.6	1,340.4	1,342.2
Oklahoma .....	335.8	335.2	335.7	336.6	337.1	337.6	338.2	340.1	340.7	341.9	340.4	342.6	343.5
Oregon .....	386.8	386.6	387.0	388.4	388.7	388.0	388.7	390.3	390.0	390.6	390.2	391.7	388.6
Pennsylvania .....	1,244.7	1,250.7	1,250.3	1,255.1	1,253.1	1,253.8	1,253.8	1,253.7	1,253.1	1,251.7	1,265.4	1,257.6	1,258.3
Rhode Island .....	102.1	103.4	103.2	104.0	105.2	105.4	105.3	105.5	105.6	105.5	105.8	106.6	105.9
South Carolina .....	436.3	436.5	437.2	438.0	441.9	442.9	444.0	444.7	445.6	446.7	447.7	449.5	450.3
South Dakota .....	89.7	90.2	90.4	90.8	90.9	91.1	91.1	92.0	92.3	92.7	92.1	92.4	92.2
Tennessee .....	628.3	624.6	625.2	626.9	628.1	627.7	631.1	629.5	631.1	633.0	630.0	635.2	637.4
Texas .....	2,163.8	2,160.9	2,169.2	2,174.3	2,181.6	2,188.0	2,192.7	2,196.7	2,204.4	2,210.7	2,209.5	2,218.8	2,232.7
Utah .....	246.6	247.6	247.9	248.4	248.8	249.0	249.6	250.4	250.4	251.0	251.4	251.8	252.5
Vermont .....	66.4	66.4	66.3	66.2	66.8	66.8	66.8	66.9	67.2	67.4	68.1	67.9	67.6
Virginia .....	744.8	746.8	748.2	749.8	750.1	750.6	749.4	755.1	754.1	754.2	752.4	752.7	753.7
Washington .....	634.7	632.1	632.8	633.1	634.8	636.3	636.3	640.1	642.6	644.1	647.1	648.3	649.1
West Virginia .....	162.9	163.2	163.4	163.4	162.9	162.4	162.1	162.7	163.0	163.5	163.2	163.8	163.8
Wisconsin .....	623.4	625.6	626.0	628.6	630.4	629.9	628.9	631.5	632.5	634.0	638.0	636.3	638.7
Wyoming .....	53.5	53.3	53.2	53.0	53.0	53.1	53.0	53.7	54.1	54.1	54.7	54.2	53.6

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
Finance, insurance, and real estate													
Alabama .....	90.8	91.0	91.0	91.3	91.5	91.7	92.0	92.3	92.8	92.9	93.2	93.6	93.6
Alaska .....	12.8	12.8	12.8	12.9	12.8	12.8	12.8	12.8	12.8	12.9	12.8	12.8	12.9
Arizona .....	137.0	137.9	138.9	140.1	140.4	141.1	141.6	142.1	143.0	143.4	144.2	144.4	144.4
Arkansas .....	45.5	45.7	45.8	45.9	46.0	46.0	46.0	46.6	46.6	46.7	47.1	47.0	47.0
California .....	818.3	818.8	819.3	819.9	822.1	823.3	823.9	825.4	825.5	826.5	829.1	831.1	830.3
Colorado .....	140.5	140.7	140.8	141.1	141.7	141.9	142.1	142.9	142.4	142.2	142.8	142.5	142.4
Connecticut .....	139.7	140.2	140.6	140.8	140.9	140.8	141.1	141.4	141.7	141.7	141.0	141.8	141.5
Delaware .....	48.7	48.8	48.8	48.9	49.1	49.5	49.9	50.1	50.3	50.6	50.3	50.8	50.8
District of Columbia .....	31.8	31.1	31.1	31.1	31.1	31.2	31.2	31.1	31.2	31.2	31.4	31.6	31.5
Florida .....	446.7	443.1	446.2	447.3	449.0	450.3	451.8	453.5	454.8	456.7	458.5	458.7	458.8
Georgia .....	201.2	201.6	202.7	203.2	202.6	202.5	203.0	203.2	203.7	203.6	205.4	204.9	205.7
Hawaii .....	35.2	35.0	35.0	35.0	35.0	35.0	35.0	34.9	34.6	34.5	34.4	34.5	34.6
Idaho .....	23.8	23.8	23.7	23.5	23.4	23.3	23.3	23.6	23.6	23.6	23.4	23.6	23.5
Illinois .....	405.7	405.8	405.8	406.0	405.8	406.2	406.2	406.8	407.6	407.7	407.1	407.8	408.4
Indiana .....	141.9	142.4	142.2	142.3	142.8	142.9	143.3	143.3	143.6	143.6	143.8	143.3	143.4
Iowa .....	85.1	85.1	85.2	85.1	85.0	84.8	84.9	85.2	85.4	85.5	85.3	85.6	85.6
Kansas .....	63.2	62.7	62.7	62.7	62.8	62.9	62.9	63.2	63.2	63.4	63.6	63.8	63.9
Kentucky .....	70.5	70.9	70.9	70.9	71.1	71.2	71.4	71.3	71.3	71.3	71.7	71.9	71.7
Louisiana .....	85.4	85.2	84.9	84.9	85.2	85.3	85.4	85.4	85.5	85.5	85.1	84.9	85.1
Maine .....	30.9	30.9	31.0	31.1	31.0	31.0	31.0	31.1	31.2	31.1	31.1	31.1	31.1
Maryland .....	137.4	139.9	139.9	139.9	140.9	141.1	141.3	141.7	142.0	142.5	141.5	140.9	141.1
Massachusetts .....	225.4	225.6	225.8	225.7	226.3	226.7	226.7	227.4	228.0	228.7	228.5	229.1	229.3
Michigan .....	205.9	207.3	207.4	207.7	208.0	208.2	208.4	208.4	208.6	208.3	207.9	208.1	206.4
Minnesota .....	159.9	160.0	160.3	160.4	160.3	160.5	160.5	160.7	160.9	161.2	161.9	161.7	162.0
Mississippi .....	42.5	42.8	42.6	42.1	42.1	42.3	42.3	42.5	42.4	42.4	42.7	42.2	42.2
Missouri .....	165.5	165.7	166.0	166.3	165.9	166.0	166.0	166.3	166.4	166.4	166.7	167.3	166.9
Montana .....	17.4	17.3	17.5	17.5	17.5	17.6	17.5	17.5	17.7	17.9	17.7	17.7	17.8
Nebraska .....	60.6	60.7	61.0	61.0	61.3	61.4	61.3	61.1	61.2	61.1	61.1	61.3	61.7
Nevada .....	43.8	43.7	44.0	44.2	44.1	44.3	44.4	44.4	44.7	44.6	44.6	44.6	44.7
New Hampshire .....	32.1	32.5	32.7	32.8	32.7	32.9	32.8	32.9	32.9	33.1	32.7	32.9	32.9
New Jersey .....	254.7	256.2	256.0	256.3	256.7	257.2	257.7	258.7	258.7	259.4	259.9	260.1	260.6
New Mexico .....	33.1	33.0	33.0	33.0	33.1	33.1	33.2	32.9	33.0	33.2	33.2	33.1	33.2
New York .....	747.0	745.9	746.2	746.6	748.3	748.7	747.8	749.1	750.2	749.8	754.8	754.3	754.0
North Carolina .....	186.4	186.1	185.7	185.3	184.9	185.1	185.5	185.7	186.3	186.4	187.1	187.7	188.2
North Dakota .....	16.2	16.3	16.2	16.3	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.1	16.3
Ohio .....	304.6	305.6	306.2	307.1	308.4	308.7	309.3	310.1	310.9	311.6	311.3	312.1	313.2
Oklahoma .....	72.5	73.0	73.2	73.5	73.4	73.6	73.5	73.7	73.9	74.2	74.4	74.4	74.7
Oregon .....	96.0	95.5	95.4	95.2	95.3	95.4	95.5	95.5	95.3	95.2	94.4	94.6	94.5
Pennsylvania .....	324.3	324.3	324.2	324.5	323.0	323.3	323.2	323.2	323.2	323.3	324.7	325.1	325.7
Rhode Island .....	29.5	29.6	29.5	29.4	29.6	29.8	29.8	29.8	29.8	29.9	29.7	29.7	29.5
South Carolina .....	80.9	81.1	81.2	81.5	81.8	82.0	82.3	82.6	82.7	82.9	82.5	82.7	82.6
South Dakota .....	24.0	24.1	24.2	24.4	24.6	24.8	25.0	25.0	25.0	25.1	25.4	25.5	25.6
Tennessee .....	130.9	130.8	131.2	130.7	130.3	130.3	130.4	130.6	130.7	130.7	131.4	131.0	130.7
Texas .....	514.7	511.6	513.1	515.3	518.2	520.6	522.6	525.1	526.8	528.5	528.7	530.5	533.0
Utah .....	56.6	56.5	56.7	56.7	56.8	57.0	56.9	57.3	57.3	57.3	56.9	56.9	57.1
Vermont .....	12.5	12.6	12.6	12.6	12.6	12.5	12.5	12.6	12.6	12.6	12.5	12.4	12.6
Virginia .....	182.9	183.4	183.5	183.6	183.6	184.0	183.9	184.1	184.7	184.5	185.7	185.8	186.0
Washington .....	137.6	137.6	137.6	137.7	137.7	137.9	138.3	138.5	139.0	139.3	138.1	138.6	138.6
West Virginia .....	30.0	29.8	29.9	29.9	29.8	29.8	29.6	29.6	29.6	29.6	29.5	29.6	29.6
Wisconsin .....	145.2	145.8	146.2	146.5	146.8	146.9	146.8	147.2	147.6	148.0	149.0	149.3	149.4
Wyoming .....	8.0	7.9	8.0	8.1	7.8	8.0	8.0	8.1	8.1	8.2	8.1	8.1	8.0

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1999											2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar. <sup>P</sup>
	Services													
Alabama .....	452.2	454.0	454.3	456.3	459.0	460.1	460.8	461.3	461.9	463.2		463.5	465.2	463.2
Alaska .....	69.2	69.7	70.3	71.0	71.0	70.9	70.9	71.0	71.2	71.4		72.0	71.7	72.0
Arizona .....	662.5	667.6	672.5	676.5	684.2	688.8	689.5	692.0	695.0	700.1		704.8	709.7	713.8
Arkansas .....	268.9	269.3	269.1	269.5	269.7	270.2	271.0	272.3	272.8	274.1		274.9	275.4	277.1
California .....	4,323.2	4,336.7	4,353.4	4,369.9	4,392.6	4,405.7	4,417.2	4,432.0	4,446.6	4,463.0		4,484.8	4,490.7	4,499.4
Colorado .....	639.7	646.3	649.3	652.4	658.2	660.2	661.4	663.2	663.6	665.5		669.4	668.2	668.0
Connecticut .....	521.7	524.0	525.1	527.3	531.5	531.1	530.4	529.5	529.6	530.4		533.2	533.7	537.2
Delaware .....	115.6	115.3	115.4	115.8	117.2	118.2	117.6	118.1	118.0	118.3		118.1	118.0	118.3
District of Columbia .....	274.2	274.8	274.6	275.0	275.8	276.7	277.2	277.3	277.8	278.8		279.2	279.5	278.1
Florida .....	2,467.8	2,485.6	2,500.6	2,514.2	2,534.1	2,549.3	2,566.3	2,587.1	2,605.2	2,622.8		2,636.7	2,652.7	2,663.3
Georgia .....	1,042.2	1,054.9	1,057.8	1,064.2	1,074.4	1,077.8	1,079.3	1,085.1	1,086.7	1,090.5		1,096.7	1,095.6	1,101.3
Hawaii .....	173.2	173.7	174.4	174.8	174.8	175.2	175.2	175.2	175.4	176.1		175.6	175.7	175.8
Idaho .....	130.3	131.1	131.8	133.1	134.1	134.7	135.3	135.8	136.2	136.7		136.8	139.0	140.5
Illinois .....	1,806.8	1,809.3	1,814.6	1,822.8	1,818.1	1,814.4	1,816.2	1,821.2	1,825.3	1,829.0		1,814.1	1,835.0	1,846.9
Indiana .....	723.1	726.5	727.6	730.2	733.9	735.1	734.2	733.8	732.8	732.8		735.1	737.1	737.6
Iowa .....	382.8	384.4	384.7	386.7	385.7	386.5	387.9	387.8	388.9	389.8		393.0	392.7	394.1
Kansas .....	340.0	339.6	340.5	341.4	342.8	343.0	343.9	346.1	347.5	349.0		346.6	346.5	347.8
Kentucky .....	454.5	460.7	460.8	462.9	465.2	466.0	466.5	468.0	469.7	471.1		469.6	474.1	472.9
Louisiana .....	516.5	516.8	517.4	519.6	523.9	524.9	526.5	528.1	530.6	531.6		532.1	530.4	532.4
Maine .....	172.0	172.8	173.3	174.2	175.0	175.5	175.6	176.1	176.3	176.9		176.2	178.0	178.6
Maryland .....	805.7	807.6	809.3	811.8	818.4	818.8	819.6	822.0	824.1	826.9		831.4	831.3	832.9
Massachusetts .....	1,147.8	1,154.8	1,154.6	1,160.2	1,166.9	1,168.7	1,170.3	1,171.8	1,171.9	1,176.2		1,178.0	1,181.7	1,185.1
Michigan .....	1,235.6	1,235.4	1,238.0	1,240.8	1,244.2	1,245.3	1,246.8	1,246.6	1,248.1	1,251.4		1,250.6	1,249.7	1,251.7
Minnesota .....	743.8	747.3	749.0	751.8	753.9	757.5	756.0	758.2	760.4	762.1		768.8	768.2	769.7
Mississippi .....	266.1	268.5	269.1	270.1	272.6	273.2	273.6	273.5	272.6	271.7		274.1	274.1	273.9
Missouri .....	766.5	768.0	765.9	767.3	769.8	771.3	773.0	774.4	776.5	777.4		783.2	778.6	786.2
Montana .....	110.8	110.6	111.1	111.2	112.8	113.3	113.9	114.4	114.8	115.2		115.8	116.2	116.7
Nebraska .....	240.6	241.4	242.4	244.3	244.9	244.9	244.8	244.9	246.3	246.3		244.8	244.3	242.8
Nevada .....	415.5	419.8	422.3	424.2	428.6	432.4	433.8	435.2	435.7	436.4		438.5	438.2	439.9
New Hampshire .....	176.6	177.6	177.3	177.9	178.4	178.3	178.8	177.8	179.7	180.8		180.4	180.0	179.9
New Jersey .....	1,250.8	1,255.2	1,260.2	1,263.7	1,266.4	1,268.1	1,269.9	1,272.7	1,274.4	1,276.5		1,273.8	1,275.5	1,280.0
New Mexico .....	208.8	209.1	209.8	210.7	210.9	211.9	212.4	212.4	212.9	213.6		212.1	214.1	215.3
New York .....	2,896.8	2,904.3	2,908.9	2,916.6	2,931.1	2,936.9	2,943.4	2,952.1	2,960.8	2,972.3		2,985.8	2,990.9	2,996.5
North Carolina .....	979.0	982.5	984.0	988.0	999.5	1,001.4	1,004.3	1,007.7	1,011.7	1,014.2		1,022.7	1,018.5	1,021.2
North Dakota .....	90.9	91.7	91.5	91.5	91.9	92.0	92.3	92.7	92.7	92.4		92.3	91.4	91.5
Ohio .....	1,539.0	1,547.4	1,546.5	1,549.2	1,557.0	1,558.6	1,560.9	1,563.9	1,566.2	1,569.4		1,572.7	1,575.1	1,573.5
Oklahoma .....	413.9	414.3	414.5	416.0	416.4	417.7	418.6	420.9	421.5	422.8		421.2	425.0	424.6
Oregon .....	420.5	421.4	421.4	422.6	428.8	428.1	429.5	432.0	433.5	435.2		435.4	435.3	434.4
Pennsylvania .....	1,809.0	1,809.2	1,812.5	1,818.2	1,821.9	1,822.1	1,813.1	1,813.6	1,811.6	1,811.8		1,817.4	1,817.7	1,824.3
Rhode Island .....	158.1	158.9	158.8	158.5	159.9	160.0	160.2	160.4	160.2	160.3		159.4	161.1	161.5
South Carolina .....	440.0	443.0	444.6	446.6	449.7	451.1	452.1	453.4	455.3	457.4		452.7	457.3	456.8
South Dakota .....	100.1	100.5	100.4	100.4	100.3	100.5	100.5	101.8	102.2	102.5		103.1	103.4	102.8
Tennessee .....	711.3	712.5	713.8	716.1	718.1	718.5	719.3	721.2	722.9	724.4		733.0	729.4	726.0
Texas .....	2,582.9	2,577.1	2,583.8	2,593.7	2,595.1	2,603.3	2,611.0	2,616.8	2,624.6	2,634.9		2,637.8	2,641.4	2,654.7
Utah .....	288.9	290.7	291.2	292.7	294.0	294.9	296.3	297.4	298.4	299.1		295.2	297.4	298.6
Vermont .....	87.9	88.0	88.3	88.6	88.4	88.3	88.4	88.7	88.8	89.3		90.1	90.4	90.6
Virginia .....	1,075.0	1,077.6	1,079.1	1,082.6	1,082.8	1,086.3	1,088.9	1,096.5	1,098.7	1,101.1		1,102.6	1,109.2	1,108.1
Washington .....	729.8	729.5	731.0	733.1	737.9	739.3	741.1	743.7	745.8	747.4		750.3	753.4	755.7
West Virginia .....	215.7	216.2	216.5	217.0	217.1	217.7	217.2	218.9	219.6	220.6		220.2	221.2	222.5
Wisconsin .....	728.3	731.4	732.9	735.1	736.6	737.3	738.1	740.6	740.8	743.0		740.4	742.4	744.1
Wyoming .....	53.4	53.2	53.1	53.1	56.6	53.6	54.1	54.6	55.3	55.3		54.8	53.9	54.3

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

**B-7. Employees on nonfarm payrolls by State and major industry, seasonally adjusted — Continued**

(In thousands)

State	1999											2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		Jan.	Feb.	Mar. <sup>P</sup>
	Government													
Alabama .....	350.4	351.1	349.8	350.4	350.9	352.7	357.3	354.4	354.0	354.8		352.4	353.7	355.7
Alaska .....	73.4	73.6	73.6	73.3	73.8	73.4	73.7	73.8	74.0	74.1		73.5	73.7	74.1
Arizona .....	348.5	348.4	345.6	344.8	349.8	344.3	347.3	350.9	347.4	351.2		358.1	356.8	359.5
Arkansas .....	186.8	186.7	186.6	187.2	187.5	188.0	188.0	188.6	188.9	189.1		189.5	189.4	190.1
California .....	2,223.1	2,231.5	2,231.6	2,230.3	2,237.7	2,240.9	2,245.9	2,247.9	2,256.6	2,262.3		2,275.1	2,280.1	2,295.3
Colorado .....	326.1	326.8	327.4	327.6	329.5	330.3	331.3	330.5	332.0	333.2		330.3	332.9	337.4
Connecticut .....	233.3	234.8	235.2	235.9	235.6	236.3	237.1	237.7	238.2	238.5		239.1	238.7	240.4
Delaware .....	54.8	54.9	54.9	54.5	55.0	54.7	54.9	55.4	55.6	55.7		54.8	56.0	57.1
District of Columbia .....	222.8	220.3	222.0	222.5	223.0	223.5	222.6	223.5	223.8	224.0		221.7	221.9	222.4
Florida .....	963.1	964.8	965.5	966.8	968.9	970.1	971.3	973.3	975.0	977.6		971.8	978.3	982.9
Georgia .....	588.3	586.6	587.3	583.6	584.9	589.8	601.5	590.5	591.3	592.8		592.4	594.1	599.9
Hawaii .....	110.9	111.0	110.8	111.9	112.3	115.9	117.9	114.1	113.7	112.9		112.9	112.8	113.6
Idaho .....	104.5	103.8	104.9	105.2	105.4	107.0	105.9	107.4	107.7	107.6		106.3	106.9	106.6
Illinois .....	821.1	825.2	824.9	827.4	832.1	833.4	834.6	832.5	833.6	831.8		826.1	827.8	825.5
Indiana .....	401.5	402.8	409.2	403.5	404.7	403.9	403.2	404.5	404.3	404.4		408.3	405.7	408.0
Iowa .....	239.0	239.2	238.7	238.0	238.9	238.6	240.7	240.0	240.3	241.1		242.3	242.1	243.0
Kansas .....	239.6	239.9	238.8	240.4	239.6	239.1	237.9	241.6	241.9	241.6		242.6	242.7	243.8
Kentucky .....	300.4	301.9	303.3	304.9	297.1	300.2	300.5	300.8	301.4	301.8		304.7	305.0	308.8
Louisiana .....	369.4	369.2	369.3	368.5	366.9	367.7	367.8	368.8	369.9	369.9		369.5	371.3	373.9
Maine .....	95.9	95.9	95.8	95.7	95.8	95.3	97.0	96.8	96.6	96.7		97.0	97.7	98.8
Maryland .....	442.1	442.9	442.7	441.1	415.8	417.9	439.1	441.1	442.2	442.4		443.3	440.6	446.3
Massachusetts .....	416.7	416.1	416.2	417.0	415.5	416.0	419.0	418.4	418.1	418.0		421.7	423.3	421.7
Michigan .....	662.7	666.8	667.0	667.7	668.1	667.9	668.8	666.7	669.1	670.2		671.3	673.0	677.9
Minnesota .....	385.5	386.2	385.2	384.3	389.6	389.0	391.1	390.5	389.5	389.7		385.6	392.2	391.6
Mississippi .....	226.5	226.8	227.2	229.1	230.1	230.4	230.7	230.6	230.6	230.2		229.3	230.2	231.8
Missouri .....	418.4	418.0	420.2	420.6	417.3	412.0	426.5	422.2	422.7	422.8		428.1	424.3	426.3
Montana .....	79.1	79.1	78.9	78.9	79.8	79.2	79.4	79.4	79.4	79.5		78.9	78.5	80.2
Nebraska .....	150.7	151.2	151.0	151.7	153.2	152.7	152.7	152.7	152.6	152.6		154.2	154.2	155.0
Nevada .....	117.1	117.6	118.3	115.8	117.6	117.8	116.4	118.8	119.2	119.6		118.4	119.3	119.9
New Hampshire .....	80.9	80.8	81.1	81.3	81.7	82.5	82.1	82.1	82.3	82.6		83.5	83.4	83.5
New Jersey .....	569.6	569.9	570.5	570.0	570.7	569.3	572.1	572.9	573.2	573.8		575.2	575.4	576.3
New Mexico .....	179.2	179.9	179.9	180.0	180.5	181.6	181.9	181.0	181.6	181.6		181.3	182.1	183.6
New York .....	1,438.4	1,441.6	1,441.9	1,441.8	1,443.3	1,442.7	1,442.8	1,447.2	1,448.4	1,448.7		1,444.8	1,447.5	1,454.0
North Carolina .....	603.4	600.0	600.0	584.3	612.3	635.7	607.5	605.5	607.2	608.8		611.1	610.7	617.5
North Dakota .....	72.0	72.1	71.6	70.8	70.3	70.2	71.5	71.8	72.0	72.0		72.1	72.4	73.0
Ohio .....	768.4	769.7	769.7	770.4	776.1	775.8	777.0	777.9	779.4	781.6		784.3	781.8	783.2
Oklahoma .....	281.6	281.7	281.2	284.0	282.0	283.3	283.0	283.6	283.9	284.6		285.2	285.9	285.9
Oregon .....	259.1	259.5	259.6	259.4	265.2	266.1	260.0	261.0	261.5	262.1		260.3	261.8	261.8
Pennsylvania .....	707.7	707.2	705.4	712.4	704.4	708.7	711.6	711.1	712.8	711.5		719.7	720.0	726.8
Rhode Island .....	63.5	63.5	63.4	63.2	63.1	62.9	63.0	63.2	62.9	63.1		63.5	63.7	63.5
South Carolina .....	313.3	314.8	315.9	316.7	312.5	314.0	313.5	314.6	316.4	317.7		319.8	319.9	323.1
South Dakota .....	71.3	71.4	71.6	71.2	71.2	71.4	71.7	72.3	72.4	72.6		71.9	71.5	73.3
Tennessee .....	389.8	389.9	389.4	389.6	392.9	399.6	390.4	391.0	391.7	391.8		391.1	394.0	413.7
Texas .....	1,539.2	1,541.1	1,541.4	1,542.7	1,523.9	1,530.3	1,541.5	1,546.1	1,551.7	1,555.7		1,563.0	1,567.4	1,577.2
Utah .....	178.8	179.2	179.3	179.2	177.9	178.2	180.8	179.0	179.2	179.5		179.9	182.0	182.1
Vermont .....	47.3	47.3	48.0	47.3	47.2	48.2	47.1	47.4	47.4	47.4		47.4	47.3	48.7
Virginia .....	608.6	608.7	607.8	608.9	611.1	612.1	612.9	611.6	611.4	611.6		615.2	615.7	618.9
Washington .....	471.3	472.0	471.9	472.9	474.0	476.3	473.6	474.5	475.4	476.8		477.2	477.6	480.9
West Virginia .....	141.0	142.0	141.4	141.5	141.2	140.3	140.5	140.4	140.3	140.0		140.0	139.6	141.7
Wisconsin .....	396.4	397.3	398.8	398.8	399.5	400.4	399.0	398.4	398.0	398.4		398.8	399.6	403.2
Wyoming .....	58.8	58.7	58.7	60.0	58.5	58.6	58.4	58.5	58.6	58.9		59.4	60.2	60.3

<sup>1</sup> Includes mining, not shown separately.

<sup>2</sup> Mining is combined with construction.

<sup>3</sup> This series is not published seasonally adjusted because the seasonal component, which is small relative to the trend-cycle and irregular components, cannot be separated with sufficient precision.

<sup>P</sup> = preliminary.

<sup>r</sup> = revised.

NOTE: All data have been adjusted to March 1999 benchmarks (with the exception of data for New Jersey) and incorporate updated seasonal adjustment factors.

**ESTABLISHMENT DATA  
HOURS  
SEASONALLY ADJUSTED**

**B-8. Average weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

Industry	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>P</sup>
<b>Total private</b> .....	34.4	34.4	34.5	34.5	34.5	34.4	34.5	34.5	34.5	34.6	34.5	34.5	34.6
<b>Goods-producing</b> .....	40.9	41.0	41.2	41.2	41.1	41.1	41.1	41.3	40.9	41.1	41.3	41.2	41.4
<b>Mining</b> .....	43.8	44.1	44.0	45.1	44.2	44.3	44.1	44.2	44.2	44.9	44.7	44.7	45.0
<b>Construction</b> .....	38.6	38.9	39.4	38.9	39.0	39.1	39.1	40.0	38.9	39.4	39.9	39.6	39.4
<b>Manufacturing</b> .....	41.6	41.7	41.7	41.9	41.8	41.8	41.8	41.7	41.6	41.7	41.8	41.7	42.1
<i>Overtime hours</i> .....	4.3	4.6	4.7	4.7	4.7	4.7	4.7	4.6	4.6	4.7	4.8	4.6	4.9
<b>Durable goods</b> .....	42.1	42.2	42.3	42.5	42.4	42.4	42.3	42.2	42.1	42.3	42.4	42.3	42.7
<i>Overtime hours</i> .....	4.3	4.7	4.8	4.9	4.9	4.9	4.8	4.7	4.8	4.8	4.9	4.8	5.1
Lumber and wood products .....	41.2	41.2	41.1	41.1	41.3	41.1	41.1	41.1	40.9	41.1	41.0	40.8	40.9
Furniture and fixtures .....	40.4	40.4	40.4	40.6	40.3	40.4	40.2	39.9	40.0	40.2	40.4	40.3	40.8
Stone, clay, and glass products .....	43.1	43.4	43.4	43.6	43.6	43.6	43.4	43.9	43.3	43.6	43.5	43.3	43.4
Primary metal industries .....	44.0	44.3	44.3	44.5	44.4	44.4	44.3	44.3	44.4	44.5	44.5	44.4	44.8
Blast furnaces and basic steel products .....	44.5	44.8	45.2	45.2	45.1	45.0	45.0	45.3	45.5	45.1	45.5	45.0	44.7
Fabricated metal products .....	41.8	42.1	42.1	42.3	42.4	42.3	42.1	42.1	41.9	42.3	42.5	42.4	43.0
Industrial machinery and equipment .....	41.9	42.1	42.0	42.4	42.4	42.4	42.2	42.2	42.2	42.5	42.4	42.4	42.9
Electronic and other electrical equipment .....	41.1	41.5	41.5	41.7	41.7	41.6	41.6	41.4	41.2	41.4	41.6	41.9	42.3
Transportation equipment .....	44.0	43.5	44.2	44.4	44.0	44.0	43.9	43.5	43.3	43.7	44.1	43.8	44.3
Motor vehicles and equipment .....	45.1	44.4	45.4	46.0	45.2	45.2	45.3	44.7	44.4	45.1	45.1	44.7	45.5
Instruments and related products .....	41.6	41.6	41.5	41.7	41.6	41.6	41.5	41.5	41.6	41.2	41.2	41.1	41.5
Miscellaneous manufacturing .....	39.6	40.2	40.0	40.1	40.1	40.0	39.8	39.6	39.9	39.4	39.5	39.4	39.8
<b>Nondurable goods</b> .....	40.9	41.0	41.0	41.1	40.9	40.9	41.0	41.0	40.9	40.9	41.0	40.8	41.3
<i>Overtime hours</i> .....	4.2	4.4	4.5	4.5	4.4	4.4	4.5	4.4	4.5	4.4	4.5	4.3	4.6
Food and kindred products .....	41.9	41.8	41.8	42.0	41.6	41.7	42.0	41.9	41.6	41.6	41.5	41.5	41.9
Tobacco products .....	38.6	39.9	39.1	41.1	40.0	40.2	41.0	42.8	43.5	40.4	40.7	39.8	40.4
Textile mill products .....	41.0	41.0	40.6	41.3	40.9	40.8	41.3	41.2	41.2	40.9	41.8	41.5	41.8
Apparel and other textile products .....	37.5	37.8	37.7	37.5	37.3	37.5	37.5	37.3	37.4	37.6	37.8	37.7	38.1
Paper and allied products .....	43.6	43.5	43.5	43.5	43.7	43.5	43.5	43.5	43.2	43.3	43.5	43.2	43.6
Printing and publishing .....	38.1	38.3	38.3	38.4	38.3	38.3	38.4	38.3	38.2	38.3	38.3	38.1	38.6
Chemicals and allied products .....	43.0	43.0	43.0	43.1	43.3	43.2	43.1	43.1	43.1	43.0	42.8	42.5	42.9
Petroleum and coal products .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Rubber and misc. plastics products .....	41.5	41.9	41.8	41.7	41.6	41.7	41.5	41.5	41.3	41.7	41.5	41.3	42.1
Leather and leather products .....	38.1	38.4	37.9	37.9	38.2	37.2	37.5	37.6	36.8	37.5	38.1	38.0	38.7
<b>Service-producing</b> .....	32.8	32.8	32.8	32.9	32.9	32.8	32.8	32.8	32.9	32.9	32.8	32.9	32.9
<b>Transportation and public utilities</b> .....	39.0	38.8	38.9	38.7	38.9	38.6	38.5	38.2	38.5	38.4	38.3	38.3	38.6
<b>Wholesale trade</b> .....	38.4	38.3	38.4	38.4	38.4	38.5	38.6	38.4	38.5	38.6	38.4	38.5	38.8
<b>Retail trade</b> .....	29.0	29.1	29.1	29.1	29.0	28.8	28.9	28.9	29.1	29.2	29.0	29.1	29.0
<b>Finance, insurance, and real estate</b> .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
<b>Services</b> .....	32.5	32.5	32.6	32.6	32.7	32.6	32.7	32.8	32.7	32.7	32.7	32.7	32.8

<sup>1</sup> 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.

<sup>2</sup> These series are not published seasonally adjusted because the seasonal components, which are small relative to the trend-cycle and irregular

components, cannot be separated with sufficient precision.

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1995 forward are subject to revision.

**ESTABLISHMENT DATA  
HOURS  
SEASONALLY ADJUSTED**

**B-9. Indexes of aggregate weekly hours of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted**

(1982=100)

Industry	1999									2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.P	Apr.P
<b>Total private</b> .....	147.0	147.2	147.8	148.3	148.4	148.2	148.8	149.2	149.4	150.3	150.1	150.7	151.5
<b>Goods-producing</b> .....	114.2	114.4	114.6	115.1	114.3	114.6	114.7	115.5	114.5	116.2	116.2	116.4	116.8
<b>Mining</b> .....	50.4	50.1	49.7	50.9	49.8	50.3	50.6	50.4	50.8	51.4	51.3	51.5	52.4
<b>Construction</b> .....	169.2	170.0	172.8	170.7	170.3	172.4	173.2	179.0	174.5	181.4	181.1	184.0	180.8
<b>Manufacturing</b> .....	106.5	106.5	106.3	107.3	106.4	106.4	106.2	106.0	105.7	106.3	106.4	106.0	107.2
<b>Durable goods</b> .....	110.4	110.5	110.4	111.9	111.2	110.9	110.5	110.2	109.8	110.7	111.0	110.7	112.0
Lumber and wood products .....	147.5	147.3	146.9	147.3	147.6	147.1	147.6	147.6	146.6	147.6	147.2	146.0	146.4
Furniture and fixtures .....	135.6	135.9	136.2	138.8	137.5	137.5	137.4	136.1	135.8	136.2	137.2	136.8	139.2
Stone, clay, and glass products .....	116.2	117.0	116.8	118.1	116.8	117.0	116.2	118.1	117.0	118.9	117.5	117.3	117.5
Primary metal industries .....	89.9	90.3	89.8	91.1	90.4	90.2	89.8	90.0	90.4	90.6	90.8	90.9	91.4
Blast furnaces and basic steel products .....	69.1	69.2	69.4	69.8	70.0	69.9	69.9	69.9	70.2	70.0	70.2	69.9	69.4
Fabricated metal products .....	116.2	116.9	116.6	118.2	117.4	117.2	116.8	116.9	116.5	117.8	118.5	118.6	120.7
Industrial machinery and equipment .....	104.1	104.5	104.0	105.3	104.4	104.2	104.1	103.7	103.8	104.6	104.9	104.4	105.5
Electronic and other electrical equipment .....	105.6	106.2	105.9	108.0	107.2	106.7	106.7	105.8	105.0	106.0	106.7	107.8	109.4
Transportation equipment .....	125.5	123.4	125.0	127.1	126.6	125.4	124.2	122.7	122.2	124.4	125.3	123.9	125.0
Motor vehicles and equipment .....	164.8	162.4	165.9	172.1	169.9	168.0	167.3	165.0	164.1	169.4	169.1	166.1	169.8
Instruments and related products .....	75.8	75.6	75.2	76.0	75.4	75.1	75.1	75.1	74.5	73.5	73.1	72.9	74.0
Miscellaneous manufacturing .....	100.3	101.4	100.9	101.1	101.1	101.3	100.8	100.3	101.8	100.5	100.0	99.4	100.4
<b>Nondurable goods</b> .....	101.2	101.1	100.5	100.9	99.9	100.2	100.4	100.4	100.1	100.2	100.1	99.4	100.6
Food and kindred products .....	118.9	118.5	117.9	119.1	116.2	117.7	118.7	119.0	118.3	118.3	117.2	117.0	118.7
Tobacco products .....	55.4	55.3	56.2	59.0	49.5	53.7	54.8	57.3	58.2	52.0	54.4	47.3	54.0
Textile mill products .....	81.6	81.1	79.8	81.3	80.0	79.5	80.0	80.1	79.8	78.9	80.8	80.0	80.4
Apparel and other textile products .....	61.4	61.4	60.4	59.3	58.6	58.6	58.1	57.7	57.7	57.7	57.9	58.0	58.5
Paper and allied products .....	106.7	106.3	106.0	106.0	105.9	105.6	105.2	105.4	105.1	104.9	105.4	104.3	105.0
Printing and publishing .....	121.9	122.3	122.3	122.4	122.1	122.1	122.6	122.0	121.4	121.8	122.1	121.8	123.5
Chemicals and allied products .....	102.4	102.3	101.9	102.1	102.3	102.7	102.8	103.2	103.4	103.7	102.8	101.9	102.7
Petroleum and coal products .....	74.5	73.9	72.9	74.4	72.5	73.9	73.2	72.4	72.0	70.0	69.0	66.6	66.7
Rubber and misc. plastics products .....	148.5	149.5	148.6	149.6	149.4	149.2	149.2	149.4	149.5	150.9	150.0	149.1	151.6
Leather and leather products .....	32.8	32.4	32.0	30.9	31.7	30.9	30.5	30.0	29.4	30.0	29.9	29.8	29.7
<b>Service-producing</b> .....	161.6	161.9	162.7	163.2	163.7	163.3	164.1	164.4	165.0	165.6	165.3	166.0	167.0
<b>Transportation and public utilities</b> .....	133.6	133.0	133.7	133.2	134.1	133.5	133.3	132.7	134.0	134.5	134.0	134.8	136.3
<b>Wholesale trade</b> .....	131.6	131.5	132.0	132.3	132.5	133.1	133.8	133.2	134.0	134.7	134.4	135.2	136.1
<b>Retail trade</b> .....	142.6	143.3	143.6	144.4	143.8	142.6	143.1	143.3	144.7	145.5	144.6	145.4	145.5
<b>Finance, insurance, and real estate</b> .....	139.1	138.8	139.4	141.2	140.7	140.2	140.5	139.7	140.6	140.7	140.0	139.8	140.8
<b>Services</b> .....	198.9	199.3	200.7	201.1	202.4	202.3	204.0	205.0	204.8	205.5	205.8	206.6	208.0

<sup>1</sup> 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.

P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1995 forward are subject to revision.

**ESTABLISHMENT DATA  
ALL-EMPLOYEE HOURS  
SEASONALLY ADJUSTED**

**B-10. Hours of wage and salary workers on nonfarm payrolls by major industry, seasonally adjusted**

Industry	Millions of hours (annual rate) <sup>1</sup>			Percent change		
	Feb. 2000 <sup>r</sup>	March 2000 <sup>r</sup>	April 2000 <sup>p</sup>	April 1999 to April 2000 <sup>p</sup>	Feb. 2000 to March 2000 <sup>r</sup>	March 2000 To April 2000 <sup>p</sup>
Total .....	239,045	239,157	240,917	2.6	0.0	0.7
Private sector .....	200,230	200,785	201,861	2.8	.3	.5
Mining .....	1,237	1,248	1,270	3.9	.9	1.8
Construction .....	13,453	13,537	13,356	6.0	.6	-1.3
Manufacturing .....	39,923	39,837	40,152	.3	-.2	.8
Durable goods .....	24,122	24,102	24,289	1.0	-.1	.8
Nondurable goods .....	15,801	15,735	15,864	-.7	-.4	.8
Transportation and public utilities .....	13,796	13,798	13,992	2.0	.0	1.4
Wholesale trade .....	14,219	14,298	14,416	3.7	.6	.8
Retail trade .....	34,708	34,866	34,925	1.9	.5	.2
Finance, insurance, and real estate .....	14,448	14,448	14,560	1.8	.0	.8
Services .....	68,446	68,754	69,189	4.3	.4	.6
Government .....	38,815	38,372	39,057	1.4	-1.1	1.8

<sup>1</sup> Total hours paid for 1 week in the month, seasonally adjusted, multiplied by 52.

<sup>p</sup> = preliminary.

<sup>r</sup> = revised.

NOTE: Data refer to hours of all employees—production workers, nonsupervisory workers, and salaried workers—and are based

largely on establishment data. See *BLS Handbook of Methods*, BLS Bulletin 2490, chapter 10, "Productivity Measures: Business Sector and Major Subsectors".

SOURCE: Office of Productivity and Technology (202—691-5606). Historical data for this series also are available on the Internet at the following address:

<ftp://ftp.bls.gov/pub/special.requests/opt/tableb10.txt>

**ESTABLISHMENT DATA  
EARNINGS  
SEASONALLY ADJUSTED**

**B-11. Average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry, seasonally adjusted**

Industry	1999										2000			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>	Apr. <sup>P</sup>	
<b>Total private</b> (in current dollars) ..... <b>Goods-producing</b> ..... Mining ..... Construction ..... Manufacturing ..... Excluding overtime <sup>2</sup> ..... <b>Service-producing</b> .....  Transportation and public utilities ..... Wholesale trade ..... Retail trade ..... Finance, insurance, and real estate ..... Services .....  <b>Total private</b> (in constant (1982) dollars) <sup>3</sup> ..... <b>Goods-producing</b> ..... <b>Service-producing</b> .....  <														

<sup>1</sup> 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.

<sup>2</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half.

<sup>3</sup> The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series.

<sup>4</sup> Not available.

<sup>5</sup> This series is not computed because the average weekly hours' component is not available on a seasonally adjusted basis.

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1995 forward are subject to revision.



**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Total</b> .....		126,867	127,990	128,778	129,807	130,940	-	-	-	-	-
<b>Total private</b> .....		106,385	107,522	108,090	108,863	109,914	86,892	87,893	88,272	88,986	89,938
<b>Mining</b> .....		540	532	521	526	533	404	398	392	395	401
Metal mining .....	10	49.1	48.7	47.5	47.4	47.2	37.2	37.0	36.2	36.1	-
Iron ores .....	101	8.1	8.2	8.3	8.3	-	6.7	6.8	7.1	7.0	-
Copper ores .....	102	14.3	14.2	14.4	14.5	-	10.7	10.7	11.0	11.1	-
Coal mining .....	12	87.1	85.9	79.7	79.2	79.4	72.0	71.2	65.9	65.3	-
Bituminous coal and lignite mining .....	122	81.1	79.9	74.1	73.7	-	66.8	65.9	61.1	60.7	-
Oil and gas extraction .....	13	300.2	289.1	293.7	296.2	299.1	217.3	207.5	215.8	216.4	-
Crude petroleum and natural gas .....	131	128.6	126.4	123.7	123.0	-	75.1	74.0	75.1	73.0	-
Oil and gas field services .....	138	167.2	158.8	167.2	170.5	-	138.0	130.1	138.4	141.2	-
Nonmetallic minerals, except fuels .....	14	103.4	108.4	100.4	103.0	107.7	77.3	82.1	74.4	77.0	-
Crushed and broken stone .....	142	40.6	42.6	40.7	41.3	-	31.4	33.4	31.3	31.7	-
Sand and gravel .....	144	33.6	35.9	31.6	33.2	-	-	-	-	-	-
Chemical and fertilizer minerals .....	147	11.4	11.4	11.7	11.5	-	-	-	-	-	-
<b>Construction</b> .....		5,806	6,104	5,976	6,141	6,369	4,417	4,697	4,537	4,695	4,915
General building contractors .....	15	1,358.1	1,393.0	1,400.2	1,421.2	1,448.0	933.9	963.8	962.0	981.5	-
Residential building construction .....	152	700.5	721.9	720.3	732.3	-	465.5	483.7	479.6	490.8	-
Operative builders .....	153	27.3	27.9	28.9	29.0	-	10.8	11.1	11.7	11.9	-
Nonresidential building construction .....	154	630.3	643.2	651.0	659.9	-	457.6	469.0	470.7	478.8	-
Heavy construction, except building .....	16	761.6	845.8	753.1	798.7	869.6	623.0	704.6	612.4	654.9	-
Highway and street construction .....	161	202.8	255.9	194.9	216.2	-	156.0	207.8	148.6	168.7	-
Heavy construction, except highway .....	162	558.8	589.9	558.2	582.5	-	467.0	496.8	463.8	486.2	-
Special trade contractors .....	17	3,686.2	3,865.0	3,822.5	3,920.8	4,051.7	2,859.8	3,028.4	2,962.2	3,058.1	-
Plumbing, heating, and air conditioning .....	171	832.4	846.2	865.8	872.8	-	610.0	621.4	635.0	642.9	-
Painting and paper hanging .....	172	185.5	202.9	189.3	196.3	-	149.7	167.4	152.3	159.8	-
Electrical work .....	173	737.6	741.8	776.4	781.9	-	577.6	580.4	608.8	614.1	-
Masonry, stonework, and plastering .....	174	504.4	524.4	520.1	536.6	-	435.0	454.6	447.8	463.6	-
Carpentry and floor work .....	175	277.2	283.3	287.7	290.5	-	207.4	212.3	212.7	214.5	-
Roofing, siding, and sheet metal work .....	176	229.1	252.6	234.9	250.0	-	174.9	197.1	178.3	192.7	-
<b>Manufacturing</b> .....		18,427	18,407	18,271	18,289	18,306	12,666	12,650	12,549	12,558	12,570
<b>Durable goods</b> .....		10,991	10,982	10,930	10,955	10,972	7,522	7,518	7,481	7,496	7,512
Lumber and wood products .....	24	813.4	814.1	816.6	814.5	816.6	666.3	667.6	667.1	665.9	668.5
Logging .....	241	73.3	70.8	72.8	69.5	-	57.4	55.5	58.4	55.4	-
Sawmills and planing mills .....	242	180.0	180.4	178.3	178.8	-	156.8	157.2	155.2	155.6	-
Sawmills and planing mills, general .....	2421	139.3	140.0	137.6	138.0	-	120.9	121.5	119.2	119.5	-
Hardwood dimension and flooring mills .....	2426	37.7	37.4	38.0	38.1	-	33.5	33.3	33.9	34.0	-
Millwork, plywood, and structural members .....	243	316.3	319.7	327.3	327.1	-	253.0	256.2	260.6	261.2	-
Millwork .....	2431	125.6	127.2	130.0	129.2	-	97.2	98.9	100.7	100.4	-
Wood kitchen cabinets .....	2434	91.2	91.7	96.5	96.6	-	73.8	74.3	77.7	78.0	-
Hardwood veneer and plywood .....	2435	28.7	28.9	29.2	29.0	-	24.5	24.5	24.8	24.7	-
Softwood veneer and plywood .....	2436	27.7	27.8	28.3	28.4	-	24.7	24.6	24.9	25.0	-
Wood containers .....	244	55.5	55.0	54.0	54.7	-	47.7	47.2	46.2	46.7	-
Wood buildings and mobile homes .....	245	100.2	100.0	95.8	96.3	-	79.3	79.6	74.6	74.8	-
Mobile homes .....	2451	77.2	76.4	70.6	70.9	-	64.4	64.2	57.9	58.0	-
Miscellaneous wood products .....	249	88.1	88.2	88.4	88.1	-	72.1	71.9	72.1	72.2	-
Furniture and fixtures .....	25	535.9	536.3	544.9	545.3	545.9	428.3	428.1	433.0	433.4	434.3
Household furniture .....	251	285.2	285.5	290.4	290.5	-	242.9	243.0	248.0	247.9	-
Wood household furniture .....	2511	130.0	129.5	131.6	130.6	-	113.2	112.7	114.6	113.8	-
Upholstered household furniture .....	2512	89.7	90.9	92.8	93.2	-	76.6	77.6	79.6	79.6	-
Metal household furniture .....	2514	19.0	19.1	20.1	20.3	-	16.0	16.1	17.0	17.2	-
Mattresses and bedsprings .....	2515	34.7	34.4	34.4	34.8	-	27.1	26.7	27.1	27.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Durable goods—Continued</b>											
Furniture and fixtures—Continued											
Office furniture .....	252	68.5	67.8	70.4	70.5	—	49.4	49.0	49.6	49.8	—
Public building and related furniture .....	253	47.6	48.0	50.0	49.8	—	37.3	37.4	38.1	37.8	—
Partitions and fixtures .....	254	93.8	93.7	92.7	93.3	—	70.8	70.6	69.1	69.8	—
Miscellaneous furniture and fixtures .....	259	40.8	41.3	41.4	41.2	—	27.9	28.1	28.2	28.1	—
Stone, clay, and glass products .....											
Flat glass .....	321	16.6	16.7	17.0	17.1	—	13.3	13.4	13.7	13.9	—
Glass and glassware, pressed or blown .....	322	69.5	69.2	69.3	69.4	—	57.2	56.8	55.7	55.5	—
Glass containers .....	3221	24.6	23.9	22.9	22.9	—	21.5	20.7	19.8	19.9	—
Pressed and blown glass, nec .....	3229	44.9	45.3	46.4	46.5	—	35.7	36.1	35.9	35.6	—
Products of purchased glass .....	323	62.6	62.6	63.6	63.6	—	48.1	47.8	48.4	48.3	—
Cement, hydraulic .....	324	17.2	17.3	17.4	17.4	—	12.8	12.8	12.6	12.6	—
Structural clay products .....	325	33.2	33.3	33.6	33.7	—	25.7	25.7	25.9	26.0	—
Pottery and related products .....	326	38.1	37.7	36.5	36.0	—	30.0	29.5	28.6	28.1	—
Concrete, gypsum, and plaster products .....	327	225.1	237.4	226.1	233.8	—	173.8	185.2	174.4	181.5	—
Concrete block and brick .....	3271	18.9	19.9	19.3	20.1	—	12.3	13.0	12.6	13.2	—
Concrete products, nec .....	3272	80.1	81.9	81.8	83.7	—	61.9	63.7	63.1	64.9	—
Ready-mixed concrete .....	3273	108.2	117.5	106.9	112.0	—	85.2	94.2	84.3	89.2	—
Misc. nonmetallic mineral products .....	329	78.2	78.4	76.8	77.3	—	60.9	61.0	59.3	59.6	—
Abrasive products .....	3291	18.7	18.9	18.7	18.7	—	14.8	15.0	14.5	14.5	—
Asbestos products .....	3292	2.3	2.3	2.0	2.1	—	1.9	1.9	1.7	1.7	—
Mineral wool .....	3296	24.6	24.7	24.6	24.6	—	—	—	—	—	—
Primary metal industries .....											
Blast furnaces and basic steel products .....	331	693.1	690.4	687.2	688.6	686.7	541.1	538.7	538.0	539.7	538.1
Blast furnaces and steel mills .....	3312	222.7	221.7	220.5	221.5	220.6	172.6	171.9	171.8	172.9	172.2
Steel pipe and tubes .....	3317	154.0	153.4	152.3	153.1	—	120.4	120.0	119.7	120.4	—
Iron and steel foundries .....	332	27.7	27.8	28.3	28.2	—	21.1	21.2	21.8	21.7	—
Gray and ductile iron foundries .....	3321	127.8	127.0	123.7	124.1	—	104.6	104.1	101.0	101.3	—
Malleable iron foundries .....	3322	77.3	77.0	76.9	77.0	—	64.0	63.8	63.6	63.6	—
Steel foundries, nec .....	3325	4.7	4.7	4.3	4.3	—	3.6	3.6	3.2	3.3	—
Primary nonferrous metals .....	333	28.7	28.7	26.4	26.6	—	23.5	23.7	21.4	21.5	—
Primary aluminum .....	3334	37.5	37.4	36.7	36.5	—	28.9	28.9	28.5	28.1	—
Nonferrous rolling and drawing .....	335	21.6	21.5	21.5	21.3	—	17.6	17.5	17.6	17.3	—
Copper rolling and drawing .....	3351	167.5	166.9	168.5	168.2	—	126.5	125.9	128.4	128.8	—
Aluminum sheet, plate, and foil .....	3353	22.0	21.7	22.3	22.4	—	17.8	17.6	17.7	17.7	—
Nonferrous wire drawing and insulating .....	3357	19.9	19.7	19.5	19.5	—	14.7	14.5	14.4	14.3	—
Nonferrous foundries (castings) .....	336	72.4	72.2	72.5	73.2	—	54.2	53.8	55.2	56.3	—
Aluminum foundries .....	3365	91.0	90.9	92.1	92.6	—	74.1	73.7	75.2	75.6	—
Fabricated metal products .....	34	26.0	26.1	26.5	26.6	—	21.3	21.4	21.9	22.0	—
Metal cans and shipping containers .....	341	1,488.5	1,486.5	1,492.8	1,495.9	1,499.9	1,119.6	1,117.9	1,123.0	1,126.9	1,130.4
Metal cans .....	3411	35.5	35.6	35.3	35.4	—	30.2	30.4	30.0	30.1	—
Cutlery, handtools, and hardware .....	342	28.6	28.6	28.5	28.6	—	24.8	24.9	24.6	24.7	—
Hand and edge tools, and blades and handsaws .....	3423,5	125.2	125.2	122.1	122.2	—	96.6	96.3	94.0	94.4	—
Hardware, nec .....	3429	42.6	42.7	42.3	42.6	—	33.2	33.2	33.1	33.3	—
Plumbing and heating, except electric .....	343	69.8	69.7	67.8	67.6	—	53.8	53.6	52.0	52.1	—
Plumbing fixture fittings and trim .....	3432	57.6	57.9	57.7	58.9	—	41.0	41.2	40.6	41.5	—
Heating equipment, except electric .....	3433	24.2	24.1	24.0	24.7	—	17.6	17.5	17.1	17.8	—
Fabricated structural metal products .....	344	18.8	19.1	18.8	18.9	—	12.4	12.7	12.4	12.4	—
Fabricated structural metal .....	3441	462.6	463.6	472.6	473.6	—	337.3	337.6	344.6	345.3	—
Metal doors, sash, and trim .....	3442	82.8	83.1	84.9	85.3	—	60.2	60.1	61.4	61.5	—
Fabricated plate work (boiler shops) .....	3443	80.0	80.9	83.4	82.8	—	58.9	59.7	61.2	60.8	—
Sheet metal work .....	3444	100.9	99.6	98.0	97.9	—	72.3	71.3	70.6	70.4	—
Architectural metal work .....	3446	122.3	122.9	127.1	128.0	—	93.6	93.9	97.7	98.6	—
Screw machine products, bolts, etc .....	345	32.8	33.0	34.3	34.4	—	24.1	24.0	24.6	24.8	—
Bolts, nuts, rivets, and washers .....	3451	105.1	104.6	103.4	103.2	—	82.2	81.8	80.9	81.1	—
Metal forgings and stampings .....	346	54.0	53.7	52.8	52.7	—	43.8	43.5	42.8	42.9	—
Iron and steel forgings .....	3462	51.1	50.9	50.6	50.5	—	38.4	38.3	38.1	38.2	—
Automotive stampings .....	3465	259.0	257.6	258.3	257.4	—	203.3	202.7	203.5	202.9	—
Metal stampings, nec .....	3469	32.0	31.7	30.5	30.3	—	24.0	23.7	22.8	22.6	—
		116.4	115.8	115.7	115.2	—	94.9	94.5	94.3	94.1	—
		96.7	96.4	98.9	98.9	—	73.7	73.9	76.2	76.1	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Durable goods—Continued</b>											
Fabricated metal products—Continued											
Metal services, nec .....	347	142.2	141.7	143.0	143.6	—	114.3	113.5	114.7	115.5	—
Plating and polishing .....	3471	86.6	86.3	87.8	87.9	—	70.5	70.0	71.4	71.5	—
Metal coating and allied services .....	3479	55.6	55.4	55.2	55.7	—	43.8	43.5	43.3	44.0	—
Ordnance and accessories, nec .....	348	39.3	39.5	37.5	37.4	—	23.4	23.7	21.7	21.5	—
Ammunition, except for small arms, nec .....	3483	18.4	18.5	16.9	16.7	—	8.7	8.9	7.8	7.7	—
Miscellaneous fabricated metal products .....	349	262.0	260.8	262.9	264.2	—	191.3	190.7	193.0	194.6	—
Valves and pipe fittings, nec .....	3494	24.4	24.2	23.5	23.5	—	18.0	17.8	17.4	17.5	—
Misc. fabricated wire products .....	3496	57.7	57.1	57.1	57.4	—	43.5	43.3	43.5	44.1	—
Industrial machinery and equipment .....	35	2,144.1	2,136.8	2,119.0	2,115.2	2,113.3	1,359.4	1,353.3	1,346.1	1,342.1	1,339.3
Engines and turbines .....	351	83.3	83.5	84.7	84.1	—	54.8	55.3	57.1	56.7	—
Turbines and turbine generator sets .....	3511	24.6	24.2	23.6	23.8	—	13.4	13.2	12.5	12.7	—
Internal combustion engines, nec .....	3519	58.7	59.3	61.1	60.3	—	41.4	42.1	44.6	44.0	—
Farm and garden machinery .....	352	101.1	99.4	100.2	100.5	—	72.6	71.1	71.3	71.8	—
Farm machinery and equipment .....	3523	72.5	71.1	72.9	73.2	—	51.0	49.9	51.2	51.6	—
Construction and related machinery .....	353	245.3	243.9	241.3	240.3	—	155.6	155.4	152.4	151.3	—
Construction machinery .....	3531	91.3	91.4	91.7	91.1	—	61.9	62.5	61.8	60.5	—
Mining machinery .....	3532	16.3	16.2	14.8	14.7	—	9.4	9.2	8.4	8.4	—
Oil and gas field machinery .....	3533	42.7	41.5	39.6	39.5	—	26.0	25.1	23.3	23.2	—
Conveyors and conveying equipment .....	3535	41.3	41.2	41.9	41.6	—	21.7	21.9	22.1	22.2	—
Industrial trucks and tractors .....	3537	34.5	34.4	34.4	34.6	—	23.9	23.9	23.9	24.1	—
Metalworking machinery .....	354	343.2	341.0	334.9	335.3	—	245.0	242.8	239.3	239.2	—
Machine tools, metal cutting types .....	3541	41.8	41.4	39.4	39.3	—	25.8	25.4	24.0	24.0	—
Machine tools, metal forming types .....	3542	16.8	16.8	16.8	16.7	—	10.4	10.3	10.1	10.1	—
Special dies, tools, jigs, and fixtures .....	3544	165.5	164.8	164.9	165.1	—	126.3	125.6	126.6	126.4	—
Machine tool accessories .....	3545	53.8	53.0	52.0	52.2	—	38.5	37.9	37.1	37.3	—
Power driven handtools .....	3546	20.4	20.3	19.3	19.2	—	14.9	14.9	14.3	14.2	—
Special industry machinery .....	355	170.9	169.9	168.0	168.7	—	93.6	92.5	88.5	88.9	—
Textile machinery .....	3552	13.8	13.7	12.4	12.3	—	8.8	8.6	7.9	7.9	—
Printing trades machinery .....	3555	20.8	20.8	20.5	20.6	—	11.9	11.8	11.2	11.3	—
Food products machinery .....	3556	24.7	24.7	24.4	24.4	—	14.7	14.8	14.6	14.7	—
General industrial machinery .....	356	263.5	261.7	259.2	258.6	—	167.9	166.0	164.1	163.0	—
Pumps and pumping equipment .....	3561	30.9	30.6	29.7	29.7	—	17.7	17.6	16.8	16.8	—
Ball and roller bearings .....	3562	40.4	40.0	39.6	39.6	—	31.0	30.5	30.6	30.6	—
Air and gas compressors .....	3563	27.1	27.2	27.8	27.8	—	15.1	15.1	15.1	15.1	—
Blowers and fans .....	3564	36.5	36.2	36.7	36.7	—	25.4	25.3	26.1	26.1	—
Speed changers, drives, and gears .....	3566	17.3	17.1	16.2	15.9	—	12.7	12.6	11.7	11.4	—
Power transmission equipment, nec .....	3568	22.0	21.7	20.5	20.5	—	15.4	15.0	14.3	14.3	—
Computer and office equipment .....	357	359.1	359.3	353.2	350.3	347.2	144.3	143.7	150.6	148.6	—
Electronic computers .....	3571	182.1	182.5	179.1	177.1	—	70.7	71.4	82.9	82.2	—
Computer terminals, calculators, and office machines, nec .....	3575,8,9	60.4	61.0	62.0	62.2	—	23.1	23.3	23.9	23.7	—
Refrigeration and service machinery .....	358	202.0	203.3	197.7	197.5	—	144.4	146.1	140.9	140.7	—
Refrigeration and heating equipment .....	3585	141.0	142.3	138.0	138.6	—	106.5	108.0	103.8	104.4	—
Misc. industrial and commercial machinery .....	359	375.7	374.8	379.8	379.9	—	281.2	280.4	281.9	281.9	—
Carburetors, pistons, rings, valves .....	3592	24.0	24.1	24.7	24.7	—	19.3	19.4	19.2	19.2	—
Scales, balances, and industrial machinery, nec ....	3596,9	304.7	304.0	309.3	309.6	—	232.5	231.6	233.8	233.7	—
Electronic and other electrical equipment .....	36	1,658.4	1,654.6	1,675.5	1,676.4	1,680.5	1,036.5	1,034.6	1,035.5	1,039.4	1,042.8
Electric distribution equipment .....	361	82.1	82.1	83.8	84.0	—	55.9	56.2	57.1	57.0	—
Transformers, except electronic .....	3612	37.5	37.6	38.8	38.8	—	25.7	25.9	27.9	27.8	—
Switchgear and switchboard apparatus .....	3613	44.6	44.5	45.0	45.2	—	30.2	30.3	29.2	29.2	—
Electrical industrial apparatus .....	362	148.3	148.0	144.5	144.4	—	102.2	102.2	97.6	97.0	—
Motors and generators .....	3621	73.1	72.5	70.5	70.2	—	56.3	55.8	53.9	53.4	—
Relays and industrial controls .....	3625	55.9	55.7	55.1	55.2	—	32.3	32.2	30.8	30.6	—
Household appliances .....	363	117.0	117.5	119.9	119.6	—	95.4	96.3	99.3	98.7	—
Household refrigerators and freezers .....	3632	26.6	27.8	27.3	27.7	—	22.0	23.3	23.6	23.8	—
Household laundry equipment .....	3633	17.3	17.5	18.7	18.6	—	15.0	15.3	16.9	16.8	—
Electric housewares and fans .....	3634	22.1	21.3	21.5	20.8	—	16.7	15.9	15.4	14.7	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>
<b>Durable goods—Continued</b>											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment .....	364	177.8	177.8	175.6	176.2	—	127.8	127.0	126.4	126.7	—
Electric lamps .....	3641	19.3	19.5	19.1	19.1	—	15.6	15.6	14.4	14.4	—
Current-carrying wiring devices .....	3643	59.9	59.5	56.8	57.1	—	40.0	39.8	39.6	39.9	—
Noncurrent-carrying wiring devices .....	3644	19.8	20.0	19.9	20.0	—	14.8	15.0	15.1	15.1	—
Residential lighting fixtures .....	3645	21.0	20.8	21.0	20.7	—	15.7	15.1	15.2	14.9	—
Household audio and video equipment .....	365	80.1	81.1	82.4	82.2	—	51.7	52.1	53.6	53.2	—
Household audio and video equipment .....	3651	53.7	53.7	53.4	53.0	—	31.7	31.6	32.1	31.5	—
Communications equipment .....	366	273.4	272.5	277.9	278.1	—	123.4	122.2	118.0	119.9	—
Telephone and telegraph apparatus .....	3661	121.1	120.3	124.3	124.3	—	54.4	53.9	52.2	54.3	—
Electronic components and accessories .....	367	636.9	633.9	650.8	652.2	654.9	378.6	377.6	382.7	386.0	—
Electron tubes .....	3671	19.8	19.8	19.2	18.6	—	14.6	14.6	14.7	14.3	—
Semiconductors and related devices .....	3674	266.9	266.1	273.6	274.3	—	115.0	115.1	112.9	114.8	—
Electronic components, nec .....	3679	143.8	143.0	144.7	144.3	—	97.1	96.6	99.6	99.6	—
Misc. electrical equipment and supplies .....	369	142.8	141.7	140.6	139.7	—	101.5	101.0	100.8	100.9	—
Storage batteries .....	3691	25.8	26.0	25.5	25.8	—	20.1	20.3	20.7	21.2	—
Engine electrical equipment .....	3694	62.9	62.3	61.3	60.9	—	48.1	47.9	46.8	46.4	—
Transportation equipment .....	37	1,874.4	1,865.1	1,824.0	1,837.1	1,834.8	1,244.2	1,237.7	1,225.4	1,227.7	1,227.1
Motor vehicles and equipment .....	371	994.1	997.8	1,009.0	1,008.7	1,011.9	758.9	762.0	773.5	772.4	776.7
Motor vehicles and car bodies .....	3711	340.7	341.5	339.5	339.1	—	242.3	243.1	241.5	241.5	—
Truck and bus bodies .....	3713	44.5	44.8	46.8	47.3	—	35.5	35.8	37.3	37.6	—
Motor vehicle parts and accessories .....	3714	547.5	549.6	558.4	558.2	—	431.4	433.1	442.7	441.7	—
Truck trailers .....	3715	40.2	40.5	43.0	42.6	—	31.8	31.9	34.0	33.7	—
Aircraft and parts .....	372	509.7	502.1	447.0	459.4	455.0	252.8	249.9	220.4	222.9	—
Aircraft .....	3721	257.6	254.1	217.5	231.0	—	108.0	106.4	90.2	92.2	—
Aircraft engines and engine parts .....	3724	103.4	101.4	96.7	95.8	—	50.6	50.8	47.6	48.0	—
Aircraft parts and equipment, nec .....	3728	148.7	146.6	132.8	132.6	—	94.2	92.7	82.6	82.7	—
Ship and boat building and repairing .....	373	168.3	162.1	167.9	167.8	—	126.2	119.2	126.9	127.1	—
Ship building and repairing .....	3731	105.2	98.4	98.9	99.0	—	73.5	66.3	69.3	69.8	—
Boat building and repairing .....	3732	63.1	63.7	69.0	68.8	—	52.7	52.9	57.6	57.3	—
Railroad equipment .....	374	36.9	36.5	32.3	32.3	—	25.9	25.7	23.1	23.1	—
Guided missiles, space vehicles, and parts .....	376	86.1	86.7	87.3	87.5	—	22.6	22.5	21.9	21.9	—
Guided missiles and space vehicles .....	3761	59.6	59.6	61.1	61.5	—	13.9	13.7	13.0	12.8	—
Miscellaneous transportation equipment .....	379	57.0	57.5	57.5	58.3	—	42.3	42.8	43.5	44.3	—
Travel trailers and campers .....	3792	22.8	23.1	23.5	23.9	—	19.4	19.7	20.0	20.4	—
Instruments and related products .....	38	843.1	842.1	828.0	829.9	831.3	425.8	426.1	416.1	416.1	417.1
Search and navigation equipment .....	381	156.9	156.3	149.0	148.8	—	43.7	43.1	36.7	36.6	—
Measuring and controlling devices .....	382	293.9	292.1	293.8	294.3	—	150.5	148.8	146.6	146.3	—
Environmental controls .....	3822	38.5	38.4	37.4	37.1	—	26.9	26.5	23.7	23.3	—
Process control instruments .....	3823	65.6	64.7	64.3	64.2	—	33.4	33.1	33.0	32.9	—
Instruments to measure electricity .....	3825	72.7	72.1	74.5	74.5	—	29.0	28.7	28.6	28.5	—
Medical instruments and supplies .....	384	276.9	278.8	276.4	277.7	—	167.1	168.9	163.8	164.5	—
Surgical and medical instruments .....	3841	111.1	110.9	110.4	110.6	—	71.8	71.5	70.3	70.2	—
Surgical appliances and supplies .....	3842	95.3	95.5	96.2	96.6	—	60.2	60.1	58.9	59.2	—
Ophthalmic goods .....	385	34.0	33.8	32.3	32.6	—	24.2	24.2	23.0	23.0	—
Photographic equipment and supplies .....	386	75.0	74.7	70.0	70.0	—	35.0	35.8	40.6	40.4	—
Watches, clocks, watchcases, and parts .....	387	6.4	6.4	6.5	6.5	—	5.3	5.3	5.4	5.3	—
Miscellaneous manufacturing industries .....	39	383.8	387.6	386.3	387.7	389.0	266.6	269.1	266.2	267.2	268.2
Jewelry, silverware, and plated ware .....	391	50.3	49.8	48.7	48.7	—	34.3	33.9	32.6	32.9	—
Jewelry, precious metal .....	3911	37.2	36.8	36.5	36.5	—	24.8	24.5	23.8	24.1	—
Musical instruments .....	393	16.2	16.1	17.0	17.2	—	13.0	12.9	13.5	13.7	—
Toys and sporting goods .....	394	99.5	103.2	102.7	104.1	—	67.3	69.9	69.3	70.0	—
Dolls, games, toys, and children's vehicles .....	3942.4	30.6	30.9	30.9	30.9	—	19.6	19.7	19.3	19.0	—
Sporting and athletic goods, nec .....	3949	68.9	72.3	71.8	73.2	—	47.7	50.2	50.0	51.0	—
Pens, pencils, office, and art supplies .....	395	29.9	30.0	29.1	29.2	—	20.7	20.5	20.0	20.0	—
Costume jewelry and notions .....	396	20.6	20.8	19.4	19.2	—	14.9	15.2	14.2	14.1	—
Costume jewelry .....	3961	11.3	11.5	10.4	10.3	—	8.0	8.3	7.3	7.3	—
Miscellaneous manufactures .....	399	167.3	167.7	169.4	169.3	—	116.4	116.7	116.6	116.5	—
Signs and advertising specialties .....	3993	74.6	74.6	75.7	76.0	—	48.8	48.6	48.4	48.7	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>
<b>Nondurable goods</b> .....		7,436	7,425	7,341	7,334	7,334	5,144	5,132	5,068	5,062	5,058
Food and kindred products .....	20	1,654.0	1,649.0	1,647.8	1,643.1	1,643.6	1,230.0	1,222.0	1,224.8	1,220.9	1,219.8
Meat products .....	201	499.3	497.2	498.7	499.1	—	426.1	423.6	423.5	423.9	—
Meat packing plants .....	2011	151.2	151.2	150.6	152.8	—	126.9	126.6	126.4	128.5	—
Sausages and other prepared meats .....	2013	98.4	98.8	101.9	102.2	—	78.1	78.3	80.9	81.2	—
Poultry slaughtering and processing .....	2015	249.7	247.2	246.2	244.1	—	221.1	218.7	216.2	214.2	—
Dairy products .....	202	139.4	140.1	139.6	140.3	—	96.2	95.9	97.2	98.0	—
Cheese, natural and processed .....	2022	38.3	38.4	38.3	38.4	—	31.4	31.2	31.8	31.9	—
Fluid milk .....	2026	62.1	62.3	62.5	62.5	—	37.0	36.7	38.2	38.5	—
Preserved fruits and vegetables .....	203	206.1	207.3	204.6	203.4	—	170.4	171.1	168.2	167.6	—
Canned specialties .....	2032	15.4	15.5	14.6	14.7	—	11.9	12.1	11.5	11.5	—
Canned fruits and vegetables .....	2033	54.6	54.9	55.3	54.7	—	44.2	44.4	44.2	43.8	—
Frozen fruits and vegetables .....	2037	44.3	45.1	47.2	46.4	—	37.9	38.7	40.9	40.0	—
Grain mill products .....	204	124.3	124.2	123.0	122.7	—	88.8	88.9	86.6	86.5	—
Flour and other grain mill products .....	2041	18.9	19.1	18.5	18.6	—	11.8	12.0	11.0	11.0	—
Prepared feeds, nec .....	2048	39.6	39.6	39.4	39.3	—	26.0	26.0	25.8	25.8	—
Bakery products .....	205	204.1	204.6	206.1	205.5	—	138.4	139.0	143.5	142.6	—
Bread, cake, and related products .....	2051	142.8	143.4	144.8	144.6	—	86.2	86.6	91.4	90.9	—
Cookies, crackers, and frozen bakery products, except bread .....	2052.3	61.3	61.2	61.3	60.9	—	52.2	52.4	52.1	51.7	—
Sugar and confectionery products .....	206	91.7	88.6	90.4	88.0	—	71.4	68.2	71.6	69.4	—
Raw cane sugar .....	2061	5.4	4.7	4.9	4.3	—	4.2	3.4	3.6	3.3	—
Cane sugar refining .....	2062	3.8	3.8	3.8	3.8	—	3.0	3.1	2.8	2.8	—
Beet sugar .....	2063	7.1	7.7	8.7	7.8	—	6.1	6.6	7.7	6.8	—
Candy and other confectionery products .....	2064	50.9	47.9	48.0	47.5	—	40.1	37.2	39.0	38.6	—
Fats and oils .....	207	34.3	34.2	34.2	34.2	—	23.7	23.6	23.2	23.5	—
Beverages .....	208	179.8	180.7	181.0	181.5	—	87.2	87.5	88.8	89.4	—
Malt beverages .....	2082	31.8	32.0	31.7	31.8	—	19.4	19.9	19.3	19.4	—
Bottled and canned soft drinks .....	2086	95.7	96.6	96.8	97.0	—	39.2	39.4	40.7	41.3	—
Misc. food and kindred products .....	209	175.0	172.1	170.2	168.4	—	127.8	124.2	122.2	120.0	—
<b>Tobacco products</b> .....	21	38.1	36.4	39.0	34.8	35.5	28.6	27.0	28.0	23.4	24.5
Cigarettes .....	211	25.4	25.5	23.9	21.9	—	18.4	18.4	15.6	13.4	—
<b>Textile mill products</b> .....	22	569.3	566.8	547.4	547.3	546.9	481.9	479.4	462.7	462.9	462.3
Broadwoven fabric mills, cotton .....	221	66.9	65.7	61.1	61.2	—	59.4	59.0	54.7	54.8	—
Broadwoven fabric mills, synthetics .....	222	60.4	60.0	58.7	58.4	—	51.2	51.1	50.1	49.7	—
Broadwoven fabric mills, wool .....	223	11.3	10.2	8.8	8.7	—	9.4	8.6	7.4	7.4	—
Narrow fabric mills .....	224	20.9	21.2	21.2	21.4	—	17.1	17.3	17.2	17.5	—
Knitting mills .....	225	146.8	146.8	135.6	135.8	—	124.0	124.0	114.5	114.9	—
Women's hosiery, except socks .....	2251	16.3	16.3	15.9	16.0	—	14.1	14.1	13.9	14.0	—
Hosiery, nec .....	2252	35.6	35.7	34.1	34.2	—	31.0	31.0	29.5	29.5	—
Knit outerwear mills .....	2253	41.9	41.9	35.8	35.4	—	35.9	36.0	30.8	30.5	—
Knit underwear mills .....	2254	9.9	9.7	8.8	8.8	—	8.7	8.5	7.6	7.7	—
Weft knit fabric mills .....	2257	22.2	22.4	20.9	21.3	—	18.2	18.4	17.3	17.8	—
Textile finishing, except wool .....	226	61.8	61.3	59.3	59.2	—	51.7	51.2	49.1	49.0	—
Finishing plants, cotton .....	2261	28.8	28.5	27.8	27.8	—	24.4	24.0	22.9	22.9	—
Finishing plants, synthetics .....	2262	19.1	19.0	18.4	18.2	—	15.6	15.5	15.1	14.9	—
Carpets and rugs .....	227	64.4	64.3	67.0	67.0	—	54.2	53.1	55.3	55.3	—
Yarn and thread mills .....	228	83.4	83.5	82.5	82.0	—	73.6	73.7	73.4	73.0	—
Yarn spinning mills .....	2281	60.0	60.5	59.2	58.6	—	53.3	53.6	52.9	52.4	—
Throwing and winding mills .....	2282	16.7	16.4	16.7	16.9	—	14.4	14.3	14.8	15.0	—
Miscellaneous textile goods .....	229	53.4	53.8	53.2	53.6	—	41.3	41.4	41.0	41.3	—
<b>Apparel and other textile products</b> .....	23	700.3	696.1	651.7	653.9	654.5	558.6	556.4	518.4	521.9	522.4
Men's and boys' suits and coats .....	231	24.1	23.6	21.8	21.8	—	19.0	18.7	17.4	17.4	—
Men's and boys' furnishings .....	232	160.6	160.3	145.0	143.6	—	133.8	133.6	118.5	117.7	—
Men's and boys' shirts .....	2321	30.9	30.5	25.5	25.2	—	26.5	26.2	20.8	20.5	—
Men's and boys' trousers and slacks .....	2325	55.0	54.9	49.8	49.8	—	46.8	46.7	42.1	42.3	—
Men's and boys' work clothing .....	2326	25.9	26.2	24.0	23.5	—	22.4	22.5	20.2	19.9	—
Women's and misses' outerwear .....	233	209.6	208.2	195.5	198.5	—	163.5	163.1	152.2	155.2	—
Women's and misses' blouses and shirts .....	2331	19.5	19.1	15.8	16.1	—	14.4	14.2	11.2	11.5	—
Women's, juniors', and misses' dresses .....	2335	30.9	30.6	29.7	30.2	—	23.9	23.7	22.6	23.2	—
Women's and misses' suits and coats .....	2337	16.6	16.3	14.4	14.0	—	12.2	12.0	10.5	10.1	—
Women's and misses' outerwear, nec .....	2339	142.6	142.2	135.6	138.2	—	113.0	113.2	107.9	110.4	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Nondurable goods—Continued</b>											
<b>Apparel and other textile products—Continued</b>											
Women's and children's undergarments .....	234	28.4	27.9	23.9	23.6	—	22.7	22.2	19.2	19.0	—
Women's and children's underwear .....	2341	20.5	20.1	17.6	17.4	—	16.2	15.8	14.0	13.9	—
Brassieres, girdles, and allied garments .....	2342	7.9	7.8	6.3	6.2	—	6.5	6.4	5.2	5.1	—
Girls' and children's outerwear .....	236	21.1	20.9	19.8	20.0	—	17.1	16.9	16.4	16.8	—
Girls' and children's dresses and blouses .....	2361	8.4	8.1	8.1	8.1	—	7.4	7.2	7.0	7.0	—
Misc. apparel and accessories .....	238	30.0	30.5	29.2	29.4	—	23.3	24.1	22.7	23.0	—
Misc. fabricated textile products .....	239	210.5	208.7	201.8	202.2	—	166.7	165.2	160.4	161.0	—
Curtains and draperies .....	2391	17.7	17.8	17.2	17.1	—	13.9	14.0	13.7	13.5	—
House furnishings, nec .....	2392	54.4	53.3	52.5	52.8	—	45.7	44.9	44.7	45.0	—
Automotive and apparel trimmings .....	2396	60.6	60.0	58.7	58.6	—	47.3	46.5	45.6	45.5	—
Paper and allied products .....	26	659.7	658.6	651.3	649.5	648.6	499.1	498.6	494.9	492.6	491.6
Paper mills .....	262	149.3	149.0	143.4	142.9	—	116.5	116.4	112.1	111.7	—
Paperboard mills .....	263	47.1	46.9	45.5	45.1	—	36.2	36.0	35.1	34.8	—
Paperboard containers and boxes .....	265	214.3	214.4	214.1	213.3	—	165.5	165.7	166.8	165.9	—
Corrugated and solid fiber boxes .....	2653	131.1	131.2	132.8	132.4	—	97.8	98.0	99.9	99.7	—
Sanitary food containers .....	2656	17.1	17.1	16.6	16.6	—	15.4	15.4	15.0	14.9	—
Folding paperboard boxes .....	2657	45.8	45.8	45.0	44.8	—	36.9	36.9	36.6	36.3	—
Misc. converted paper products .....	267	237.3	236.6	237.2	237.8	—	171.6	171.2	172.1	172.0	—
Paper, coated and laminated, nec .....	2672	45.1	44.9	43.8	44.0	—	21.3	21.1	19.7	19.8	—
Bags: plastics, laminated, and coated .....	2673	38.6	38.0	38.1	37.9	—	30.0	29.6	30.2	30.1	—
Envelopes .....	2677	23.9	24.0	24.2	24.2	—	18.4	18.6	18.6	18.5	—
Printing and publishing .....	27	1,553.7	1,552.7	1,546.9	1,547.7	1,549.1	831.2	828.5	824.0	826.4	826.5
Newspapers .....	271	439.8	439.9	443.4	442.8	—	146.0	145.6	147.1	148.0	—
Periodicals .....	272	140.1	139.9	141.2	140.9	—	43.2	42.6	47.9	48.1	—
Books .....	273	123.3	123.2	123.2	123.9	—	57.2	57.0	57.1	57.4	—
Book publishing .....	2731	85.2	85.3	85.2	85.7	—	27.3	27.0	27.3	27.5	—
Book printing .....	2732	38.1	37.9	38.0	38.2	—	29.9	30.0	29.8	29.9	—
Miscellaneous publishing .....	274	92.6	92.8	95.2	95.6	—	45.3	46.0	45.2	45.4	—
Commercial printing .....	275	579.0	579.6	573.0	573.5	—	411.9	411.1	406.4	406.9	—
Commercial printing, lithographic .....	2752	378.2	378.3	371.3	371.6	—	259.9	268.9	264.5	265.4	—
Commercial printing, nec .....	2759	181.3	181.7	182.1	182.3	—	126.6	126.7	126.6	126.3	—
Manifold business forms .....	276	41.1	40.0	38.8	38.8	—	27.6	26.5	25.9	25.8	—
Blankbooks and bookbinding .....	278	61.2	60.7	59.3	59.1	—	46.4	46.3	44.1	44.2	—
Printing trade services .....	279	49.2	49.2	47.3	47.0	—	32.9	32.9	31.0	30.7	—
Chemicals and allied products .....	28	1,034.6	1,034.2	1,031.2	1,031.4	1,031.8	581.7	581.5	587.2	587.2	585.8
Industrial inorganic chemicals .....	281	112.2	111.7	110.6	110.4	—	60.8	59.7	59.1	59.8	—
Industrial inorganic chemicals, nec .....	2819	68.4	67.8	67.0	66.9	—	36.7	36.3	36.8	37.0	—
Plastics materials and synthetics .....	282	151.6	151.3	147.5	147.0	—	99.3	98.9	98.9	99.0	—
Plastics materials and resins .....	2821	77.8	77.6	76.2	76.2	—	47.1	46.8	46.7	46.8	—
Organic fibers, noncellulosic .....	2824	40.9	40.4	39.0	39.0	—	32.3	31.8	31.1	31.2	—
Drugs .....	283	285.2	286.4	297.5	298.1	—	131.0	132.1	139.7	139.1	—
Pharmaceutical preparations .....	2834	223.8	224.6	234.3	234.8	—	106.1	106.7	113.6	113.1	—
Soap, cleaners, and toilet goods .....	284	151.4	151.7	150.7	151.2	—	95.8	96.4	98.2	97.6	—
Soap and other detergents .....	2841	39.4	39.5	40.1	40.2	—	24.9	25.6	27.8	27.2	—
Polishing, sanitation, and finishing preparations .....	2842,3	40.4	40.3	39.1	39.0	—	22.6	22.5	22.2	22.0	—
Toilet preparations .....	2844	71.6	71.9	71.5	72.0	—	48.3	48.3	48.2	48.4	—
Paints and allied products .....	285	53.0	52.7	54.4	54.6	—	28.0	27.6	28.5	28.4	—
Industrial organic chemicals .....	286	136.2	135.7	129.6	129.2	—	77.8	77.9	76.9	77.2	—
Cyclic crudes and intermediates .....	2865	21.5	21.3	20.0	19.9	—	12.6	12.5	11.8	11.8	—
Industrial organic chemicals, nec .....	2869	112.4	112.0	107.2	106.9	—	63.5	63.7	63.4	63.6	—
Agricultural chemicals .....	287	52.3	52.4	50.5	50.4	—	31.6	31.8	30.5	30.5	—
Miscellaneous chemical products .....	289	92.7	92.3	90.4	90.5	—	57.4	57.1	55.4	55.6	—
Petroleum and coal products .....	29	135.4	137.9	131.8	132.6	134.0	89.1	91.4	78.9	78.0	78.1
Petroleum refining .....	291	93.4	93.3	89.9	89.5	—	60.9	60.7	51.3	49.6	—
Asphalt paving and roofing materials .....	295	27.2	29.7	27.0	28.1	—	20.1	22.6	20.0	20.9	—
Rubber and misc. plastics products .....	30	1,015.4	1,018.5	1,024.1	1,023.2	1,021.0	787.4	790.7	798.7	798.0	796.6
Tires and inner tubes .....	301	77.4	77.0	76.6	76.6	—	57.8	57.5	58.5	57.9	—
Rubber and plastics footwear .....	302	5.3	5.5	5.2	5.5	—	3.9	4.1	4.1	4.1	—
Hose, belting, gaskets, and packing .....	305	70.8	70.2	70.3	70.7	—	54.6	54.1	54.4	54.8	—
Rubber and plastics hose and belting .....	3052	30.3	29.6	29.7	29.6	—	24.0	23.5	23.4	23.4	—
Fabricated rubber products, nec .....	306	111.6	111.3	111.4	111.1	—	85.5	85.3	86.3	86.2	—
Miscellaneous plastics products, nec .....	308	750.3	754.5	760.6	759.3	—	585.6	589.7	595.4	595.0	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Nondurable goods—Continued</b>											
Leather and leather products .....	31	75.4	75.1	69.9	70.0	69.1	56.3	56.0	50.7	50.9	50.3
Leather tanning and finishing .....	311	11.1	11.1	10.7	10.8	—	9.1	9.1	8.6	8.7	—
Footwear, except rubber .....	314	32.3	31.8	28.5	28.4	—	25.6	25.4	22.0	22.1	—
Men's footwear, except athletic .....	3143	18.3	18.0	16.4	16.2	—	13.9	13.6	12.0	12.0	—
Women's footwear, except athletic .....	3144	7.7	7.4	6.4	6.5	—	6.4	6.2	5.3	5.4	—
Luggage .....	316	8.0	8.1	8.0	8.1	—	6.0	6.0	5.9	6.1	—
Handbags and personal leather goods .....	317	8.2	8.3	7.3	7.5	—	4.6	4.5	3.5	3.5	—
<b>Transportation and public utilities .....</b>		<b>6,685</b>	<b>6,719</b>	<b>6,835</b>	<b>6,866</b>	<b>6,905</b>	<b>5,545</b>	<b>5,561</b>	<b>5,665</b>	<b>5,700</b>	<b>5,734</b>
Transportation .....		4,336	4,371	4,445	4,469	4,511	—	—	—	—	—
Railroad transportation .....	40	232.4	234.1	222.8	220.6	222.7	—	—	—	—	—
Class I railroads plus Amtrak <sup>2</sup> .....	4011	205.5	207.0	195.9	193.9	—	—	—	—	—	—
Local and interurban passenger transit .....	41	491.4	493.6	501.1	503.7	510.5	450.4	453.0	464.3	466.8	—
Local and suburban transportation .....	411	238.6	240.2	247.4	248.6	—	216.3	218.0	225.1	226.4	—
Taxicabs .....	412	31.7	31.2	32.4	32.3	—	—	—	—	—	—
Intercity and rural bus transportation .....	413	27.9	28.3	28.0	28.2	—	24.6	24.9	28.2	28.1	—
School buses .....	415	159.0	158.6	161.5	162.0	—	—	—	—	—	—
Trucking and warehousing .....	42	1,758.9	1,775.6	1,801.0	1,811.7	1,831.8	1,537.2	1,551.7	1,576.2	1,588.3	—
Trucking and courier services, except air .....	421	1,582.1	1,598.0	1,611.7	1,620.7	—	1,389.4	1,403.9	1,418.1	1,428.0	—
Public warehousing and storage .....	422	171.5	172.1	183.1	184.6	—	143.0	142.9	152.6	154.6	—
Water transportation .....	44	171.1	177.5	176.1	178.1	183.7	—	—	—	—	—
Water transportation of freight, nec .....	444	15.1	15.0	15.1	15.5	—	—	—	—	—	—
Water transportation services .....	449	111.7	117.6	118.3	119.1	—	96.1	101.6	103.6	104.3	—
Transportation by air .....	45	1,206.7	1,211.4	1,260.4	1,267.9	1,270.6	—	—	—	—	—
Air transportation, scheduled .....	451	1,025.0	1,028.2	1,071.9	1,079.2	—	—	—	—	—	—
Air transportation, scheduled .....	4512	545.9	548.8	574.7	574.9	—	—	—	—	—	—
Airports, flying fields, and services .....	458	133	134	138	138	—	—	—	—	—	—
Pipelines, except natural gas .....	46	13.7	13.4	12.8	12.8	12.9	11.3	11.1	9.6	9.3	—
Transportation services .....	47	461.9	465.6	470.3	473.9	478.6	377.3	380.6	385.8	393.4	—
Passenger transportation arrangement .....	472	221.1	222.7	217.0	219.7	—	184.9	186.3	180.3	183.5	—
Travel agencies .....	4724	173.5	174.1	170.4	171.9	—	145.2	145.7	142.1	143.7	—
Freight transportation arrangement .....	473	189.5	191.3	202.9	202.9	—	150.1	151.9	163.7	167.2	—
<b>Communications and public utilities .....</b>		<b>2,349</b>	<b>2,348</b>	<b>2,390</b>	<b>2,397</b>	<b>2,394</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>	<b>—</b>
Communications .....	48	1,503.5	1,505.9	1,555.8	1,562.6	1,560.4	1,099.2	1,084.0	1,123.2	1,128.1	—
Telephone communications .....	481	1,033.9	1,035.9	1,069.5	1,074.3	—	732.0	716.2	744.4	748.7	—
Telephone communications, except radio .....	4813	872.8	875.4	903.4	907.5	—	606.9	592.8	613.9	617.8	—
Radio and television broadcasting .....	483	246.4	247.0	249.7	250.7	—	200.8	201.4	203.1	203.1	—
Radio broadcasting stations .....	4832	116.1	116.4	116.6	117.0	—	—	—	—	—	—
Television broadcasting stations .....	4833	130.3	130.6	133.1	133.7	—	—	—	—	—	—
Cable and other pay television services .....	484	186.5	186.2	198.2	199.1	—	151.7	151.5	160.2	160.5	—
Electric, gas, and sanitary services .....	49	845.8	841.8	834.4	834.0	833.1	679.5	677.8	669.4	670.3	—
Electric services .....	491	363.4	359.4	358.3	358.9	—	293.4	290.5	286.2	286.8	—
Gas production and distribution .....	492	132.9	132.5	127.5	125.1	—	103.7	103.9	100.8	98.7	—
Combination utility services .....	493	154.8	154.5	149.1	148.7	—	123.2	123.1	120.6	121.2	—
Sanitary services .....	495	161.4	161.9	165.7	167.5	—	133.0	134.0	135.5	137.1	—
<b>Wholesale trade .....</b>		<b>6,909</b>	<b>6,948</b>	<b>7,064</b>	<b>7,101</b>	<b>7,126</b>	<b>5,538</b>	<b>5,571</b>	<b>5,652</b>	<b>5,686</b>	<b>5,700</b>
Durable goods .....	50	4,091	4,111	4,197	4,213	4,225	3,233	3,247	3,324	3,340	—
Motor vehicles, parts, and supplies .....	501	526.3	530.1	532.2	531.2	—	412.8	414.9	422.9	422.8	—
Automobiles and other motor vehicles .....	5012	155.9	158.0	163.0	163.2	—	—	—	—	—	—
Motor vehicle supplies and new parts .....	5013	291.5	292.2	290.2	288.0	—	—	—	—	—	—
Furniture and home furnishings .....	502	168.3	168.8	177.1	177.0	—	134.2	133.6	139.4	139.7	—
Furniture .....	5021	80.9	81.9	85.6	84.7	—	—	—	—	—	—
Home furnishings .....	5023	87.4	86.9	91.5	92.3	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Wholesale trade—Continued</b>											
<b>Durable goods—Continued</b>											
Lumber and other construction materials .....	503	266.4	273.9	277.3	281.8	—	221.0	227.6	230.2	233.8	—
Lumber, plywood, and millwork .....	5031	136.7	138.2	142.1	144.2	—	—	—	—	—	—
Construction materials, nec .....	5039	40.0	41.5	42.5	43.3	—	—	—	—	—	—
Professional and commercial equipment .....	504	962.1	965.7	1,011.1	1,014.6	—	762.6	767.5	812.7	814.5	—
Office equipment .....	5044	208.8	208.6	213.9	214.4	—	—	—	—	—	—
Computers, peripherals and software .....	5045	408.1	409.2	433.3	433.7	—	—	—	—	—	—
Medical and hospital equipment .....	5047	199.1	201.0	212.4	213.1	—	161.4	163.2	170.0	171.0	—
Metals and minerals, except petroleum .....	505	153.1	153.2	158.2	159.4	—	122.4	122.4	126.9	127.7	—
Electrical goods .....	506	549.3	549.4	561.3	564.1	—	401.8	400.0	400.4	404.2	—
Electrical apparatus and equipment .....	5063	233.7	234.3	246.3	247.8	—	—	—	—	—	—
Electrical appliances, television and radio sets .....	5064	49.7	49.5	50.5	50.7	—	—	—	—	—	—
Electronic parts and equipment .....	5065	265.9	265.6	264.5	265.6	—	—	—	—	—	—
Hardware, plumbing, and heating equipment .....	507	305.3	305.4	311.2	312.5	—	250.6	250.1	253.6	254.5	—
Hardware .....	5072	110.7	109.6	110.2	110.8	—	—	—	—	—	—
Plumbing and hydronic heating supplies .....	5074	120.1	121.0	125.0	126.0	—	—	—	—	—	—
Machinery, equipment, and supplies .....	508	833.6	835.5	840.7	844.6	—	663.5	665.4	670.9	674.7	—
Construction and mining machinery .....	5082	93.3	93.8	93.3	93.6	—	—	—	—	—	—
Farm and garden machinery .....	5083	121.2	122.7	121.0	123.3	—	—	—	—	—	—
Industrial machinery and equipment .....	5084	331.7	332.0	333.4	335.0	—	—	—	—	—	—
Industrial supplies .....	5085	155.9	155.3	158.4	158.6	—	—	—	—	—	—
Misc. wholesale trade durable goods .....	509	326.4	328.5	327.5	327.4	—	263.7	265.1	267.3	267.6	—
Scrap and waste materials .....	5093	118.3	118.2	123.4	122.1	—	—	—	—	—	—
<b>Nondurable goods</b>											
Paper and paper products .....	51	2,818	2,837	2,867	2,888	2,901	2,305	2,324	2,328	2,346	—
Stationery and office supplies .....	511	284.9	286.6	295.8	297.3	—	235.8	236.9	242.6	243.7	—
Drugs, proprietaries, and sundries .....	512	169.0	169.0	176.9	178.2	—	—	—	—	—	—
Apparel, piece goods, and notions .....	513	254.2	254.5	270.3	273.2	—	211.6	211.4	220.3	222.7	—
Groceries and related products .....	514	223.1	225.3	223.1	224.4	—	181.8	183.9	178.0	180.2	—
Groceries, general line .....	5141	926.3	925.9	933.4	935.8	—	775.9	776.9	782.5	781.6	—
Meats and meat products .....	5147	284.6	284.6	288.0	287.9	—	—	—	—	—	—
Fresh fruits and vegetables .....	5148	57.1	56.9	58.3	58.0	—	—	—	—	—	—
Farm-product raw materials .....	515	104.4	102.7	98.3	99.1	—	—	—	—	—	—
Chemicals and allied products .....	516	105.9	107.0	104.9	105.4	—	85.2	86.5	85.5	86.0	—
Petroleum and petroleum products .....	517	159.3	160.8	161.6	163.4	—	116.5	117.0	115.0	116.7	—
Petroleum bulk stations and terminals .....	5171	154.1	153.9	151.5	152.1	—	126.8	126.4	124.7	125.0	—
Petroleum products, nec .....	5172	63.2	63.1	62.2	61.9	—	—	—	—	—	—
Beer, wine, and distilled beverages .....	518	90.9	90.8	89.3	90.2	—	—	—	—	—	—
Beer and ale .....	5181	157.1	157.4	165.6	166.2	—	126.7	126.7	132.6	133.3	—
Wine and distilled beverages .....	5182	99.6	100.2	103.1	103.5	—	—	—	—	—	—
Misc. wholesale trade nondurable goods .....	519	57.5	57.2	62.5	62.7	—	—	—	—	—	—
Farm supplies .....	5191	552.7	565.9	560.3	569.8	—	444.7	458.1	446.7	456.9	—
		165.6	174.6	160.1	166.1	—	—	—	—	—	—
<b>Retail trade</b> .....		22,174	22,476	22,466	22,599	22,892	19,452	19,724	19,727	19,844	20,106
<b>Building materials and garden supplies</b>											
Lumber and other building materials .....	52	949.8	992.8	960.7	996.2	1,037.8	787.2	827.9	796.5	829.7	—
Paint, glass, and wallpaper stores .....	521	582.7	598.6	601.7	622.3	—	491.7	506.7	510.9	530.5	—
Hardware stores .....	523	64.9	65.4	68.5	68.8	—	48.3	48.8	49.8	49.2	—
Retail nurseries and garden stores .....	525	165.8	169.4	165.0	166.5	—	136.9	140.1	137.6	139.4	—
	526	91.9	113.8	83.0	95.9	—	75.4	96.7	67.2	79.5	—
<b>General merchandise stores</b>											
Department stores .....	53	2,688.7	2,702.0	2,674.1	2,668.7	2,679.2	2,499.8	2,506.0	2,498.0	2,492.8	—
Variety stores .....	531	2,396.0	2,409.9	2,380.5	2,376.0	2,381.7	2,250.4	2,256.8	2,241.1	2,236.9	—
Miscellaneous general merchandise stores .....	533	116.4	115.4	112.8	114.2	—	99.2	98.2	97.5	99.4	—
	539	176.3	176.7	180.8	178.5	—	150.2	151.0	159.4	156.5	—
<b>Food stores</b>											
Grocery stores .....	54	3,443.6	3,447.2	3,450.8	3,432.4	3,454.6	3,115.4	3,118.0	3,117.6	3,098.4	—
Meat and fish markets .....	541	3,034.8	3,031.3	3,042.3	3,024.1	—	2,767.8	2,764.2	2,768.1	2,749.5	—
Dairy products stores .....	542	46.5	46.8	43.0	43.5	—	—	—	—	—	—
Retail bakeries .....	545	12.2	13.1	14.4	14.8	—	—	—	—	—	—
	546	205.5	206.2	202.3	201.9	—	177.8	179.1	175.5	174.9	—
<b>Automotive dealers and service stations</b>											
New and used car dealers .....	55	2,370.0	2,388.9	2,412.4	2,432.2	2,447.4	1,966.3	1,984.1	2,005.3	2,025.2	—
	551	1,066.7	1,072.5	1,097.9	1,104.5	1,108.1	895.3	899.7	921.8	927.7	—

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>
<b>Retail trade—Continued</b>											
<b>Automotive dealers and service stations—Continued</b>											
Auto and home supply stores .....	553	400.6	404.5	394.6	397.3	—	305.4	309.8	314.6	318.1	—
Gasoline service stations .....	554	690.3	695.2	701.0	704.8	—	595.5	600.1	594.0	597.8	—
Automotive dealers, nec .....	559	10.0	10.0	9.7	9.7	—	8.2	8.2	8.0	7.9	—
Apparel and accessory stores .....	56	1,129.8	1,135.0	1,154.3	1,158.6	1,170.6	943.8	949.4	953.5	955.2	—
Men's and boys' clothing stores .....	561	78.5	78.3	78.5	77.1	—	63.1	63.2	62.9	61.8	—
Women's clothing stores .....	562	267.8	270.2	266.4	267.3	—	221.1	223.2	217.8	217.7	—
Family clothing stores .....	565	378.6	379.2	391.4	395.3	—	336.0	336.1	340.2	342.8	—
Shoe stores .....	566	214.9	215.8	217.4	219.3	—	169.3	171.4	170.7	172.2	—
Furniture and home furnishings stores .....	57	1,060.6	1,069.3	1,103.0	1,105.3	1,107.0	872.5	880.7	913.6	915.2	—
Furniture and home furnishings stores .....	571	535.4	539.4	557.6	560.3	—	435.3	439.6	455.2	457.7	—
Furniture stores .....	5712	315.5	317.6	329.2	330.6	—	—	—	—	—	—
Household appliance stores .....	572	68.0	67.9	67.5	67.8	—	55.2	55.0	55.2	55.2	—
Radio, television, and computer stores .....	573	457.2	462.0	477.9	477.2	—	382.0	386.1	403.2	402.3	—
Radio, television, and electronic stores .....	5731	193.5	195.3	206.2	207.4	—	160.9	162.0	172.6	173.4	—
Record and prerecorded tape stores .....	5735	88.4	91.2	93.8	93.5	—	74.2	77.0	80.4	80.9	—
Eating and drinking places .....	58	7,663.1	7,852.6	7,720.4	7,850.0	8,028.2	6,878.3	7,047.5	6,927.4	7,052.4	—
Miscellaneous retail establishments .....	59	2,868.3	2,887.9	2,990.3	2,955.5	2,967.1	2,389.0	2,410.2	2,514.9	2,474.9	—
Drug stores and proprietary stores .....	591	665.8	665.9	686.2	682.9	—	561.2	563.5	595.9	591.4	—
Liquor stores .....	592	108.5	109.6	110.0	108.9	—	—	—	—	—	—
Used merchandise stores .....	593	122.8	123.8	130.4	132.1	—	101.9	103.0	108.7	111.1	—
Miscellaneous shopping goods stores .....	594	1,005.0	1,006.5	1,041.2	1,025.2	—	840.2	840.6	874.2	856.5	—
Sporting goods and bicycle shops .....	5941	186.4	188.7	193.0	194.3	—	—	—	—	—	—
Book stores .....	5942	137.2	135.8	143.5	138.9	—	—	—	—	—	—
Stationery stores .....	5943	95.6	95.9	98.4	98.4	—	—	—	—	—	—
Jewelry stores .....	5944	146.0	145.3	160.9	156.4	—	—	—	—	—	—
Gift, novelty, and souvenir shops .....	5947	229.2	233.1	232.1	229.5	—	—	—	—	—	—
Sewing, needlework, and piece goods .....	5949	48.1	46.8	43.2	42.4	—	—	—	—	—	—
Nonstore retailers .....	596	332.2	332.2	343.0	341.6	—	280.1	280.7	290.8	288.4	—
Catalog and mail-order houses .....	5961	215.3	214.6	226.5	224.2	—	—	—	—	—	—
Merchandising machine operators .....	5962	66.7	67.4	68.2	68.2	—	—	—	—	—	—
Fuel dealers .....	598	98.6	96.8	101.6	99.1	—	81.6	80.2	83.6	81.5	—
Retail stores, nec .....	599	535.4	553.1	577.9	565.7	—	436.3	453.4	472.5	457.9	—
Florists, tobacco stores, and newsstands .....	5992,3,4	152.1	159.4	178.9	161.9	—	—	—	—	—	—
Optical goods stores .....	5995	70.6	72.0	73.0	73.8	—	55.3	56.4	56.5	57.3	—
Miscellaneous retail stores, nec .....	5999	312.7	321.7	326.0	330.0	—	253.3	262.3	261.7	263.3	—
<b>Finance, insurance, and real estate<sup>3</sup></b> .....		7,547	7,583	7,633	7,640	7,664	5,528	5,557	5,560	5,564	5,578
Finance .....		3,681	3,688	3,719	3,717	3,721	—	—	—	—	—
Depository institutions .....	60	2,045.1	2,043.4	2,031.7	2,030.0	2,029.6	1,469.2	1,467.7	1,463.5	1,461.6	—
Commercial banks .....	602	1,463.5	1,462.3	1,452.4	1,451.4	1,449.3	1,034.9	1,035.9	1,032.6	1,030.9	—
State commercial banks .....	6022	589.8	591.9	591.8	592.0	—	424.1	425.4	424.9	424.4	—
National and commercial banks, nec .....	6021,9	873.7	870.4	860.6	859.4	—	610.8	610.5	607.7	606.5	—
Savings institutions .....	603	257.6	257.2	248.4	246.9	247.2	—	—	—	—	—
Federal savings institutions .....	6035	150.5	150.0	144.4	143.3	—	—	—	—	—	—
Savings institutions, except federal .....	6036	107.1	107.2	104.0	103.6	—	—	—	—	—	—
Credit unions .....	606	183.6	184.2	190.1	190.9	—	146.4	146.4	150.9	151.8	—
Nondepository institutions .....	61	711.9	715.3	705.3	700.6	698.8	489.4	489.0	463.9	459.5	—
Personal credit institutions .....	614	190.0	191.1	198.9	199.1	—	106.3	106.0	104.1	104.3	—
Business credit institutions .....	615	130.7	130.8	134.8	135.1	—	—	—	—	—	—
Mortgage bankers and brokers .....	616	367.8	370.1	348.6	343.4	342.3	—	—	—	—	—
Security and commodity brokers .....	62	661.0	665.4	708.0	712.7	719.4	—	—	—	—	—
Security brokers and dealers .....	621	492.6	495.9	527.6	530.2	—	—	—	—	—	—
Commodity contracts brokers, dealers, and exchanges .....	622,3	26.1	25.8	25.4	25.9	—	—	—	—	—	—
Security and commodity services .....	628	142.3	143.7	155.0	156.6	—	96.7	97.3	104.1	104.8	—
Holding and other investment offices .....	67	262.5	264.2	274.2	273.8	273.6	—	—	—	—	—
Holding offices .....	671	113.4	114.1	119.3	119.9	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Finance, insurance, and real estate—Continued</b>											
Insurance .....	63,64	2,388	2,392	2,405	2,406	2,407	—	—	—	—	—
Insurance carriers .....	63	1,627.5	1,629.1	1,630.2	1,629.5	1,629.2	1,242.6	1,244.8	1,250.4	1,250.9	—
Life insurance .....	631	540.2	541.2	544.9	543.3	—	363.0	364.3	374.7	374.8	—
Medical service and health insurance .....	632	365.8	366.5	368.8	368.9	—	292.4	293.2	295.9	296.3	—
Hospital and medical service plans .....	6324	298.0	298.6	302.1	301.6	—	241.9	242.2	244.5	244.2	—
Fire, marine, and casualty insurance .....	633	549.5	550.0	558.5	558.7	—	444.2	445.0	452.1	452.4	—
Title insurance .....	636	94.6	94.1	80.7	80.0	—	—	—	—	—	—
Insurance agents, brokers, and service .....	64	760.0	762.6	774.8	776.2	777.3	—	—	—	—	—
Real estate .....	65	1,478	1,503	1,509	1,517	1,536	—	—	—	—	—
Real estate operators and lessors .....	651	575.8	579.9	571.1	574.5	—	—	—	—	—	—
Real estate agents and managers .....	653	741.2	752.4	779.5	781.0	—	—	—	—	—	—
Subdividers and developers .....	655	119.9	129.3	121.5	124.9	—	—	—	—	—	—
<b>Services .....</b>		<b>38,297</b>	<b>38,753</b>	<b>39,324</b>	<b>39,701</b>	<b>40,119</b>	<b>33,342</b>	<b>33,735</b>	<b>34,190</b>	<b>34,544</b>	<b>34,934</b>
Agricultural services .....	07	663.5	760.2	663.5	711.2	807.2	554.5	643.4	545.6	590.4	—
Veterinary services .....	074	196.6	197.8	203.8	206.3	—	165.7	166.9	171.6	174.0	—
Landscape and horticultural services .....	078	413.8	509.2	407.8	452.3	—	344.8	432.4	331.8	373.8	—
Hotels and other lodging places .....	70	1,715.4	1,744.0	1,712.6	1,745.4	1,788.6	—	—	—	—	—
Hotels and motels .....	701	1,668.3	1,692.9	1,667.4	1,698.4	—	1,462.1	1,481.5	1,457.0	1,486.2	—
Personal services .....	72	1,260.1	1,266.8	1,298.5	1,295.3	1,300.0	—	—	—	—	—
Laundry, cleaning, and garment services .....	721	429.2	431.5	432.5	434.5	—	376.5	379.6	379.7	380.1	—
Photographic studios, portrait .....	722	45.6	49.0	46.5	46.1	—	—	—	—	—	—
Beauty shops .....	723	417.9	418.5	426.4	428.2	—	368.2	368.2	376.9	379.1	—
Funeral service and crematories .....	726	98.8	99.2	99.3	99.7	—	—	—	—	—	—
Miscellaneous personal services .....	729	254.4	254.6	279.7	272.8	—	224.6	225.3	244.3	236.8	—
Business services .....	73	8,829.5	8,923.1	9,227.2	9,344.4	9,424.6	7,796.0	7,873.9	8,139.2	8,251.9	—
Advertising .....	731	277.0	278.5	289.3	290.0	—	197.4	198.4	207.7	207.9	—
Advertising agencies .....	7311	181.8	183.3	191.2	191.8	—	—	—	—	—	—
Credit reporting and collection .....	732	147.5	148.8	155.7	156.7	—	—	—	—	—	—
Mailing, reproduction, and stenographic services .....	733	321.3	324.3	328.6	329.7	—	—	—	—	—	—
Photocopying and duplicating services .....	7334	83.8	84.5	84.0	85.9	—	69.4	69.8	69.8	71.7	—
Services to buildings .....	734	966.7	977.3	989.9	1,000.6	1,001.5	858.6	868.5	881.7	892.6	—
Disinfecting and pest control services .....	7342	89.1	91.7	90.0	90.9	—	71.4	74.2	71.7	72.6	—
Building maintenance services, nec .....	7349	877.6	885.6	899.9	909.7	—	787.2	794.3	810.0	820.0	—
Miscellaneous equipment rental and leasing .....	735	255.2	263.0	263.8	269.9	—	201.5	210.2	209.9	216.3	—
Medical equipment rental .....	7352	39.2	39.5	39.8	40.4	—	30.3	30.9	32.5	33.1	—
Heavy construction equipment rental .....	7353	49.1	50.5	50.2	51.1	—	41.2	42.6	41.9	43.0	—
Equipment rental and leasing, nec .....	7359	166.9	173.0	173.8	178.4	—	130.0	136.7	135.5	140.2	—
Personnel supply services .....	736	3,235.5	3,289.2	3,357.0	3,445.3	3,519.2	—	—	—	—	—
Employment agencies .....	7361	371.5	376.7	395.6	402.7	—	—	—	—	—	—
Help supply services .....	7363	2,864.0	2,912.5	2,961.4	3,042.6	3,107.6	2,767.0	2,811.7	2,850.5	2,930.2	—
Computer and data processing services .....	737	1,738.5	1,750.8	1,859.9	1,870.4	1,876.5	1,399.6	1,405.4	1,491.0	1,501.8	—
Computer programming services .....	7371	398.8	400.6	418.3	420.0	—	340.6	341.3	352.5	355.1	—
Prepackaged software .....	7372	280.7	284.2	320.7	326.7	—	—	—	—	—	—
Computer integrated systems design .....	7373	192.9	194.6	201.4	200.7	—	141.1	141.3	147.5	148.5	—
Data processing and preparation .....	7374	274.4	277.1	283.8	285.8	—	—	—	—	—	—
Information retrieval services .....	7375	111.4	112.4	125.4	126.9	—	84.1	85.2	95.3	98.0	—
Computer maintenance and repair .....	7378	62.5	62.3	58.6	57.8	—	45.3	44.8	45.7	44.7	—
Miscellaneous business services .....	738	1,887.8	1,891.2	1,983.0	1,981.8	—	1,643.1	1,642.6	1,731.7	1,727.9	—
Detective and armored car services .....	7381	604.3	607.1	637.0	634.5	—	556.0	558.0	589.1	586.9	—
Security systems services .....	7382	63.3	63.0	61.9	61.7	—	51.9	51.6	52.4	52.5	—
Photofinishing laboratories .....	7384	75.3	76.5	78.1	79.0	—	—	—	—	—	—
Auto repair, services, and parking .....	75	1,173.8	1,177.5	1,196.6	1,194.8	1,196.9	950.8	953.5	982.6	982.4	—
Automotive rentals, without drivers .....	751	204.3	205.4	210.3	208.7	—	166.3	166.9	170.6	169.4	—
Passenger car rental .....	7514	134.4	135.6	138.0	139.0	—	109.9	110.9	112.9	114.2	—
Automobile parking .....	752	72.3	72.9	74.5	74.1	—	63.2	64.2	65.6	65.4	—
Automotive repair shops .....	753	652.8	656.7	670.5	671.5	—	511.8	515.1	537.6	539.7	—
Automotive and tire repair shops .....	7532,4	230.8	232.0	236.9	238.1	—	187.4	188.2	192.9	194.4	—
General automotive repair shops .....	7538	275.9	276.9	287.3	286.5	—	209.2	210.2	229.2	229.1	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>
<b>Services—Continued</b>											
Auto repair, services, and parking—Continued											
Automotive services, except repair .....	754	244.4	242.5	241.3	240.5	—	209.5	207.3	208.8	207.9	—
Carwashes .....	7542	134.3	134.5	140.7	141.1	—	119.1	118.8	125.5	125.4	—
Miscellaneous repair services .....	76	389.6	396.0	401.2	403.6	406.3	318.4	325.2	328.6	331.0	—
Electrical repair shops .....	762	116.0	117.4	120.4	120.9	—	—	—	—	—	—
Motion pictures .....	78	582.0	584.9	610.8	608.3	612.1	489.9	492.3	517.0	514.4	—
Motion picture production and services .....	781	256.0	259.0	275.7	271.4	—	217.1	220.9	236.7	232.4	—
Motion picture theaters .....	783	138.6	138.1	137.7	137.9	—	—	—	—	—	—
Video tape rental .....	784	167.5	168.4	176.6	178.5	—	134.9	135.3	142.8	144.9	—
Amusement and recreation services .....	79	1,514.9	1,648.8	1,547.1	1,603.8	1,744.0	1,305.1	1,433.6	1,328.2	1,383.5	—
Bowling centers .....	793	88.0	86.1	87.2	88.0	—	78.7	76.6	77.5	78.2	—
Misc. amusement and recreation services .....	799	1,110.1	1,212.0	1,130.0	1,185.2	—	957.5	1,058.0	972.0	1,026.0	—
Physical fitness facilities .....	7991	187.1	188.3	198.9	201.3	—	166.4	166.8	177.5	180.8	—
Membership sports and recreation clubs .....	7997	281.9	331.8	282.5	303.3	—	240.1	288.6	239.4	259.6	—
Health services .....	80	9,918.8	9,937.7	10,031.2	10,055.7	10,063.8	8,786.0	8,800.6	8,893.0	8,913.9	—
Offices and clinics of medical doctors .....	801	1,845.7	1,852.4	1,892.0	1,902.1	1,907.1	1,518.9	1,523.7	1,562.9	1,572.2	—
Offices and clinics of dentists .....	802	660.0	663.0	670.8	674.4	—	576.9	578.9	587.9	589.9	—
Offices and clinics of other health practitioners .....	804	449.7	451.0	455.7	456.3	—	375.1	376.1	381.2	382.0	—
Offices and clinics of chiropractors and optometrists .....	8041,2	165.7	166.0	167.3	167.5	—	—	—	—	—	—
Nursing and personal care facilities .....	805	1,750.2	1,748.5	1,755.3	1,758.9	1,757.8	1,572.2	1,569.7	1,575.2	1,579.4	—
Skilled nursing care facilities .....	8051	1,340.0	1,337.9	1,342.1	1,344.5	—	—	—	—	—	—
Intermediate care facilities .....	8052	201.4	201.9	202.5	202.6	—	180.4	180.5	180.0	180.2	—
Nursing and personal care, nec .....	8059	208.8	208.7	210.7	211.8	—	—	—	—	—	—
Hospitals .....	806	3,957.9	3,959.8	3,983.0	3,986.1	3,982.8	3,627.2	3,630.2	3,654.0	3,654.6	—
General medical and surgical hospitals .....	8062	3,650.2	3,651.1	3,667.1	3,668.1	—	—	—	—	—	—
Psychiatric hospitals .....	8063	82.0	81.9	84.2	85.1	—	—	—	—	—	—
Specialty hospitals, excluding psychiatric .....	8069	225.7	226.8	231.7	232.9	—	—	—	—	—	—
Medical and dental laboratories .....	807	200.9	200.8	204.5	206.0	—	—	—	—	—	—
Home health care services .....	808	652.0	655.9	652.4	652.5	653.4	600.3	603.4	599.5	599.6	—
Legal services .....	81	989.5	992.4	1,008.1	1,008.7	1,005.0	790.8	793.0	804.1	804.5	—
Educational services .....	82	2,385.8	2,398.1	2,434.7	2,468.7	2,481.3	—	—	—	—	—
Elementary and secondary schools .....	821	697.0	693.8	727.7	732.8	—	—	—	—	—	—
Colleges and universities .....	822	1,395.1	1,406.2	1,389.6	1,415.9	—	—	—	—	—	—
Vocational schools .....	824	92.4	94.0	101.7	101.9	—	—	—	—	—	—
Social services .....	83	2,752.4	2,771.2	2,872.1	2,899.4	2,913.3	2,381.5	2,397.2	2,476.6	2,500.7	—
Individual and family services .....	832	743.8	748.1	774.7	782.5	—	646.3	650.2	670.9	677.3	—
Job training and related services .....	833	375.6	380.9	392.8	395.6	—	324.6	329.7	336.5	339.3	—
Child day care services .....	835	642.2	646.4	667.7	677.3	677.4	565.7	569.1	586.4	595.9	—
Residential care .....	836	768.5	772.1	803.9	808.8	814.9	665.5	667.8	695.1	698.6	—
Social services, nec .....	839	222.3	223.7	233.0	235.2	—	179.4	180.4	187.7	189.6	—
Museums and botanical and zoological gardens .....	84	88.9	92.8	87.3	90.9	96.0	—	—	—	—	—
Membership organizations .....	86	2,378.7	2,380.3	2,398.0	2,409.3	2,408.1	—	—	—	—	—
Business associations .....	861	110.0	110.6	111.6	112.7	—	—	—	—	—	—
Professional organizations .....	862	64.1	65.6	67.8	68.1	—	46.6	47.7	49.4	49.5	—
Labor organizations .....	863	151.4	146.0	144.9	149.4	—	—	—	—	—	—
Civic and social associations .....	864	454.0	456.2	465.7	469.5	—	—	—	—	—	—
Engineering and management services .....	87	3,361.5	3,386.1	3,537.5	3,565.1	3,573.0	2,535.8	2,541.3	2,659.1	2,681.0	—
Engineering and architectural services .....	871	923.3	929.8	962.6	966.9	973.9	755.0	758.1	787.5	790.6	—
Engineering services .....	8711	697.3	701.7	728.4	732.3	—	576.8	577.8	602.7	606.0	—
Architectural services .....	8712	165.8	166.8	171.3	171.8	—	129.5	130.7	134.7	134.7	—
Surveying services .....	8713	60.2	61.3	62.9	62.8	—	48.7	49.6	50.1	49.9	—
Accounting, auditing, and bookkeeping .....	872	682.5	682.7	705.1	711.7	—	478.1	475.1	502.9	509.6	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-12. Employees on nonfarm payrolls by detailed industry—Continued**

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Services—Continued</b>											
<b>Engineering and management services—Continued</b>											
Research and testing services .....	873	638.0	641.1	660.1	667.6	—	477.9	475.9	478.1	484.9	—
Commercial physical research .....	8731	239.4	240.1	248.4	250.1	—	156.2	152.1	145.9	147.0	—
Commercial nonphysical research .....	8732	148.6	148.5	154.1	158.2	—	123.0	122.8	127.9	132.6	—
Noncommercial research organizations .....	8733	149.9	151.3	154.3	155.5	—	117.7	118.7	120.5	121.3	—
Management and public relations .....	874	1,117.7	1,132.5	1,209.7	1,218.9	1,224.0	824.8	832.2	890.6	895.9	—
Management services .....	8741	369.0	374.0	402.8	406.0	—	273.2	275.5	297.9	300.3	—
Management consulting services .....	8742	417.0	419.6	449.3	453.4	—	303.9	305.5	325.1	326.2	—
Public relations services .....	8743	46.5	47.1	51.3	51.7	—	30.5	30.8	33.6	33.8	—
Services, nec .....	89	54.7	55.7	59.6	59.2	60.8	43.3	44.1	46.4	45.7	—
<b>Government</b> .....		20,482	20,468	20,688	20,944	21,026	—	—	—	—	—
Federal Government <sup>4</sup> .....		2,697	2,681	2,688	2,808	2,881	—	—	—	—	—
Executive, by agency <sup>4</sup> .....		2,635.3	2,619.0	2,627.1	—	—	—	—	—	—	—
Department of Defense .....		645.2	643.3	625.3	—	—	—	—	—	—	—
Postal Service <sup>5</sup> .....		872.3	870.6	861.1	—	—	—	—	—	—	—
Other executive agencies .....		1,117.8	1,105.1	1,140.7	—	—	—	—	—	—	—
Legislative .....		30.2	30.2	29.9	—	—	—	—	—	—	—
Judicial .....		31.3	31.4	31.4	—	—	—	—	—	—	—
Federal Government, except Postal Service .....		1,824.5	1,810.0	1,827.3	1,947.8	2,021.8	—	—	—	—	—
Federal Government, by industry:											
Manufacturing activities .....		47.9	47.7	45.8	45.9	—	—	—	—	—	—
Ship building and repairing .....	3731	21.1	21.1	20.3	20.4	—	—	—	—	—	—
Transportation and public utilities, except Postal Service .....		13.3	13.4	13.4	13.4	—	—	—	—	—	—
Services .....		340.7	344.1	338.2	339.5	—	—	—	—	—	—
Hospitals .....	806	220.1	220.2	216.4	216.5	—	—	—	—	—	—
State government .....		4,800	4,809	4,822	4,859	4,869	—	—	—	—	—
Construction .....		87.1	87.1	86.8	86.7	—	—	—	—	—	—
Transportation and public utilities .....		52.0	52.5	52.9	52.9	—	—	—	—	—	—
Services .....		2,809.1	2,806.7	2,799.0	2,829.2	—	—	—	—	—	—
Hospitals .....	806	349.7	346.7	345.3	344.1	—	—	—	—	—	—
Education .....	82	2,086.1	2,085.5	2,078.9	2,110.0	2,111.7	—	—	—	—	—
Social services .....		211.5	212.1	211.5	211.5	—	—	—	—	—	—
Services, except hospitals, education, and social services .....		161.8	162.4	163.3	163.6	—	—	—	—	—	—
General administration, including executive, legislative, and judicial functions .....		1,852.2	1,862.7	1,882.9	1,890.4	—	—	—	—	—	—
State government, except education .....		2,714.3	2,723.5	2,742.7	2,749.2	2,757.7	—	—	—	—	—
Local government .....		12,985	12,978	13,178	13,277	13,276	—	—	—	—	—
Transportation and public utilities .....		452.2	454.3	461.9	464.1	—	—	—	—	—	—
Services .....		8,765.2	8,737.3	8,892.5	8,966.7	—	—	—	—	—	—
Hospitals .....	806	642.9	643.2	651.1	652.9	—	—	—	—	—	—
Education .....	82	7,592.4	7,555.8	7,695.7	7,762.1	7,743.3	—	—	—	—	—
Social services .....		140.4	141.3	140.4	140.7	—	—	—	—	—	—
Services, except hospitals, education, and social services .....		389.5	397.0	405.3	411.0	—	—	—	—	—	—
General administration, including executive, legislative, and judicial functions .....		3,767.3	3,786.1	3,823.1	3,846.2	—	—	—	—	—	—
Local government, except education .....		5,392.3	5,421.9	5,481.8	5,514.9	5,533.0	—	—	—	—	—

<sup>1</sup> 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.

<sup>2</sup> Data relate to line-haul railroads with operating revenues of \$253.7 million or more in 1993 and to Amtrak.

<sup>3</sup> Excludes nonoffice commissioned real estate sales agents.

<sup>4</sup> Prepared by the Office of Personnel Management. Data relate to civilian

employment only and exclude the Central Intelligence Agency and the National Security Agency.

<sup>5</sup> Includes rural mail carriers.

— Data not available.

P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1998 forward are subject to revision.

**ESTABLISHMENT DATA  
WOMEN EMPLOYEES  
NOT SEASONALLY ADJUSTED**

**B-13. Women employees on nonfarm payrolls by major industry and manufacturing group**

(In thousands)

Industry	Jan. 1999	Feb. 1999	Dec. 1999	Jan. 2000	Feb. 2000
<b>Total</b> .....	60,997	61,484	63,716	62,425	62,796
<b>Total private</b> .....	49,756	49,979	51,958	50,884	51,022
<b>Goods-producing</b> .....	6,616	6,599	6,622	6,568	6,568
<b>Mining</b> .....	81	81	74	72	72
<b>Construction</b> .....	664	667	710	701	703
<b>Manufacturing</b> .....	5,871	5,851	5,838	5,795	5,793
<b>Durable goods</b> .....	2,930	2,924	2,937	2,927	2,928
Lumber and wood products .....	145.3	145.2	151.0	150.3	150.3
Furniture and fixtures .....	169.3	169.5	175.4	174.7	174.6
Stone, clay, and glass products .....	103.2	102.7	102.7	102.1	102.1
Primary metal industries .....	102.5	102.0	100.8	100.1	99.9
Fabricated metal products .....	338.4	337.2	340.5	339.3	338.7
Industrial machinery and equipment .....	467.5	467.5	468.8	468.7	468.4
Electronic and other electrical equipment .....	679.7	676.2	679.7	677.5	677.7
Transportation equipment .....	407.8	405.2	402.3	401.6	402.8
Instruments and related products .....	351.6	351.7	346.3	345.3	345.9
Miscellaneous manufacturing .....	165.1	166.3	169.6	167.3	167.2
<b>Nondurable goods</b> .....	2,941	2,927	2,901	2,868	2,865
Food and kindred products .....	543.2	536.8	553.3	540.0	536.1
Tobacco products .....	13.9	13.4	13.9	13.1	12.8
Textile mill products .....	266.8	265.4	254.5	252.9	253.3
Apparel and other textile products .....	514.4	509.8	469.9	461.3	463.1
Paper and allied products .....	160.1	159.9	160.9	160.5	160.3
Printing and publishing .....	699.0	697.9	700.4	696.4	696.3
Chemicals and allied products .....	332.0	333.3	335.8	333.4	333.3
Petroleum and coal products .....	23.8	24.0	23.4	23.6	23.9
Rubber and misc. plastics products .....	347.6	346.5	350.8	349.7	349.9
Leather and leather products .....	40.6	40.2	37.7	37.4	36.4
<b>Service-producing</b> .....	54,381	54,885	57,094	55,857	56,228
<b>Transportation and public utilities</b> .....	2,024	2,042	2,144	2,123	2,128
<b>Wholesale trade</b> .....	2,108	2,114	2,195	2,180	2,190
<b>Retail trade</b> .....	11,679	11,613	12,498	11,855	11,735
<b>Finance, insurance, and real estate</b> .....	4,718	4,728	4,793	4,773	4,780
<b>Services</b> .....	22,611	22,883	23,706	23,385	23,621
<b>Government</b> .....	11,241	11,505	11,758	11,541	11,774
Federal .....	1,131	1,141	1,147	1,135	1,157
State .....	2,360	2,456	2,496	2,406	2,502
Local .....	7,750	7,908	8,115	8,000	8,115

NOTE: Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1998 forward are subject to revision.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry**

(In thousands)

State and area	Total			Mining			Construction		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Alabama</b> .....	1,910.7	1,937.3	1,948.4	10.3	9.3	9.4	102.6	104.8	107.1
Birmingham .....	476.6	487.2	489.2	2.5	2.1	2.1	28.8	29.8	30.5
Huntsville .....	178.4	182.3	183.6	(1)	(1)	(1)	6.5	6.6	6.8
Mobile .....	228.1	227.6	229.4	(1)	(1)	(1)	18.3	18.6	19.2
Montgomery .....	164.0	168.6	169.5	(1)	(1)	(1)	8.5	8.7	8.8
Tuscaloosa .....	82.9	83.9	84.3	3.2	2.8	2.8	5.6	5.8	5.9
<b>Alaska</b> .....	266.0	265.5	269.2	10.0	9.4	9.5	11.0	11.0	11.5
Anchorage .....	126.6	128.5	129.8	2.9	2.6	2.7	5.9	6.0	6.1
<b>Arizona</b> .....	2,143.7	2,227.8	2,243.8	12.5	9.9	9.9	148.9	156.6	155.6
Phoenix-Mesa .....	1,512.5	1,568.5	1,578.8	5.2	2.8	2.8	109.7	114.3	113.7
Tucson .....	332.8	351.0	353.6	2.0	1.8	1.8	20.5	22.3	22.1
<b>Arkansas</b> .....	1,131.9	1,148.9	1,159.0	3.1	3.1	3.1	48.8	49.9	51.4
Fayetteville-Springdale-Rogers .....	144.2	149.8	151.6	(1)	(1)	(1)	5.6	5.9	6.1
Fort Smith .....	98.5	101.3	101.6	.7	.7	.7	3.8	4.0	4.1
Little Rock-North Little Rock .....	311.9	314.1	314.9	(1)	(1)	(1)	15.4	15.2	15.2
Pine Bluff .....	36.3	36.4	36.4	(1)	(1)	(1)	.9	.9	.9
<b>California</b> .....	13,819.6	14,143.3	14,226.1	23.8	23.2	23.2	639.4	683.3	687.7
Bakersfield .....	187.2	190.2	191.5	8.2	8.1	8.3	9.7	9.6	9.6
Fresno .....	280.3	288.5	289.8	.3	.4	.4	15.1	15.6	15.7
Los Angeles-Long Beach .....	3,980.6	4,043.7	4,062.9	4.4	4.2	4.4	121.5	125.9	127.4
Modesto .....	137.3	141.1	142.2	(2)	(2)	(2)	8.7	9.4	9.5
Oakland .....	994.6	1,013.8	1,018.0	2.5	2.4	2.4	56.8	60.4	60.6
Orange County .....	1,331.6	1,365.4	1,370.5	.7	.6	.6	69.8	76.1	76.6
Riverside-San Bernardino .....	918.9	962.8	967.0	1.0	1.0	1.0	65.3	74.1	73.9
Sacramento .....	676.1	696.4	700.6	.2	.2	.2	39.6	42.1	42.2
Salinas .....	123.5	128.5	129.1	.1	.1	.1	5.9	6.2	6.3
San Diego .....	1,137.8	1,163.9	1,168.9	.3	.3	.3	63.5	67.7	68.2
San Francisco .....	1,032.2	1,051.9	1,055.5	.5	.4	.4	39.1	43.3	43.6
San Jose .....	961.9	974.8	981.0	.1	.1	.1	43.1	45.3	45.9
Santa Barbara-Santa Maria-Lompoc .....	156.8	159.9	160.8	.9	.8	.8	7.4	7.6	7.5
Santa Rosa .....	176.7	181.1	182.3	.4	.4	.4	10.6	11.8	11.8
Stockton-Lodi .....	173.6	177.4	179.0	.1	.1	.1	9.2	9.8	9.7
Vallejo-Fairfield-Napa .....	160.9	166.1	167.7	.5	.5	.5	11.1	12.1	12.4
Ventura .....	257.6	268.2	269.3	1.1	1.1	1.1	13.6	14.4	14.6
<b>Colorado</b> .....	2,099.4	2,175.3	2,187.3	13.5	12.8	12.7	136.4	155.8	158.4
Boulder-Longmont .....	168.1	173.1	173.1	(1)	(1)	(1)	7.5	8.1	8.1
Colorado Springs .....	229.2	235.9	237.1	(1)	(1)	(1)	12.9	14.4	14.5
Denver .....	1,115.5	1,152.9	1,159.2	6.5	5.6	5.6	73.4	84.4	85.9
<b>Connecticut</b> .....	1,651.7	1,663.8	1,675.7	.7	.7	.7	55.6	56.4	58.1
Bridgeport .....	184.9	185.6	186.4	(2)	(2)	(2)	6.0	5.9	6.0
Danbury .....	88.2	88.5	89.3	(1)	(1)	(1)	3.8	3.8	3.9
Hartford .....	611.2	609.0	613.6	(1)	(1)	(1)	18.9	20.2	20.6
New Haven-Meriden .....	257.0	256.3	258.3	(1)	(1)	(1)	9.1	8.7	9.2
New London-Norwich .....	138.1	138.8	140.3	(1)	(1)	(1)	4.7	4.7	4.8
Stamford-Norwalk .....	205.3	208.3	209.1	(1)	(1)	(1)	5.7	6.1	6.4
Waterbury .....	85.8	86.4	86.6	(2)	(2)	(2)	3.1	3.2	3.2
<b>Delaware</b> .....	404.4	410.7	416.0	.1	.1	.1	22.9	22.5	23.5
Dover .....	54.4	55.3	56.3	.1	.1	.1	2.4	2.3	2.4
Wilmington-Newark .....	316.3	320.4	324.4	.2	.2	.2	16.8	16.2	16.8
<b>District of Columbia</b> .....	613.0	617.1	618.4	.1	.1	.1	8.6	9.1	9.2
Washington PMSA .....	2,587.0	2,648.2	2,668.4	1.2	1.2	1.2	131.8	137.9	140.3
<b>Florida</b> .....	6,863.8	7,088.3	7,147.4	6.2	6.2	6.2	363.2	372.8	376.6
Daytona Beach .....	157.2	160.9	162.0	(2)	(2)	(2)	8.3	8.1	8.2
Fort Lauderdale .....	660.1	675.4	677.9	.2	.2	.2	36.4	37.3	37.4
Fort Myers-Cape Coral .....	164.9	168.7	170.0	(2)	(2)	(2)	15.1	15.5	15.7
Gainesville .....	118.1	120.8	121.4	(2)	(2)	(2)	4.5	4.8	4.8
Jacksonville .....	535.6	547.5	551.2	(2)	(2)	(2)	29.0	28.9	29.2
Lakeland-Winter Haven .....	179.9	184.3	185.7	2.6	2.6	2.6	10.0	9.8	10.0
Melbourne-Titusville-Palm Bay .....	183.6	190.1	191.2	(2)	(2)	(2)	9.9	10.8	10.9
Miami .....	989.3	1,005.4	1,011.7	.3	.3	.3	34.6	36.0	36.3
Orlando .....	869.3	912.4	918.6	(2)	(2)	(2)	47.8	50.0	50.5
Pensacola .....	155.9	159.6	161.5	(2)	(2)	(2)	11.1	10.8	10.8
Sarasota-Bradenton .....	264.0	276.0	279.4	(2)	(2)	(2)	14.2	14.9	15.0
Tallahassee .....	156.8	160.3	161.5	(2)	(2)	(2)	6.4	6.6	6.5
Tampa-St. Petersburg-Clearwater .....	1,152.7	1,196.2	1,207.6	.4	.4	.4	55.5	55.8	56.1
West Palm Beach-Boca Raton .....	475.5	492.0	494.7	(2)	(2)	(2)	27.1	27.8	28.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Alabama</b> .....	369.4	365.6	366.5	92.9	96.2	96.0	439.9	447.6	451.2
Birmingham .....	50.9	51.1	51.1	30.7	31.7	31.6	116.2	119.9	120.3
Huntsville .....	35.6	34.8	34.9	4.4	4.6	4.6	36.3	36.5	37.6
Mobile .....	26.8	25.8	26.0	12.9	13.3	13.2	59.4	59.6	60.1
Montgomery .....	18.2	19.1	19.1	7.1	7.6	7.6	37.7	38.4	38.9
Tuscaloosa .....	12.9	13.2	13.2	2.5	2.5	2.5	18.7	19.3	19.7
<b>Alaska</b> .....	14.2	12.0	12.2	24.0	24.8	25.1	53.4	53.3	54.1
Anchorage .....	2.0	2.0	2.1	12.9	13.8	14.0	30.3	30.1	30.5
<b>Arizona</b> .....	209.8	212.9	213.2	101.2	106.0	106.8	505.5	522.7	525.1
Phoenix-Mesa .....	164.7	164.3	164.2	77.1	81.6	82.1	360.5	373.6	375.3
Tucson .....	28.8	32.7	33.2	11.8	12.2	12.3	70.0	73.4	73.8
<b>Arkansas</b> .....	250.8	254.1	253.6	67.8	69.4	69.7	258.3	261.4	265.4
Fayetteville-Springdale-Rogers .....	33.8	35.2	35.7	10.1	10.6	10.6	41.6	42.4	43.0
Fort Smith .....	27.9	28.5	28.5	6.3	6.7	6.7	19.8	20.3	20.5
Little Rock-North Little Rock .....	33.0	32.8	33.1	21.0	21.9	21.9	71.4	71.4	71.7
Pine Bluff .....	8.4	8.5	8.4	1.8	1.8	1.8	7.2	7.1	7.2
<b>California</b> .....	1,913.0	1,905.8	1,910.6	703.9	729.4	731.6	3,133.9	3,204.1	3,210.8
Bakersfield .....	9.9	10.2	10.2	11.0	11.1	11.1	43.4	44.4	44.7
Fresno .....	29.3	29.1	29.0	13.1	13.5	13.6	67.2	68.1	68.3
Los Angeles-Long Beach .....	648.8	634.8	636.5	229.7	239.5	240.0	873.4	887.4	890.4
Modesto .....	24.2	23.3	23.6	5.2	5.6	5.6	35.0	35.9	36.1
Oakland .....	116.9	117.8	117.9	63.1	66.2	66.2	225.6	228.6	228.8
Orange County .....	230.1	230.4	231.3	47.8	49.1	49.2	326.3	332.9	333.4
Riverside-San Bernardino .....	115.7	121.7	121.9	47.4	50.1	50.5	227.0	234.6	234.7
Sacramento .....	47.0	47.9	48.1	27.5	27.7	27.7	140.7	144.8	145.1
Salinas .....	9.7	10.4	10.3	5.3	5.4	5.5	31.9	33.0	33.2
San Diego .....	127.8	129.8	130.3	50.6	52.7	52.8	250.3	257.1	257.8
San Francisco .....	75.1	74.5	74.9	80.7	81.9	82.3	212.5	220.6	220.3
San Jose .....	250.0	244.6	244.5	27.9	28.7	28.9	187.2	191.5	192.1
Santa Barbara-Santa Maria-Lompoc .....	16.9	15.5	15.4	4.9	4.8	4.8	37.4	39.6	39.9
Santa Rosa .....	28.8	30.0	30.3	6.1	6.7	6.7	41.7	42.6	42.7
Stockton-Lodi .....	22.1	22.2	22.3	12.3	12.6	12.6	41.0	42.0	42.4
Vallejo-Fairfield-Napa .....	19.1	20.6	20.8	5.7	6.0	6.2	39.9	41.5	41.6
Ventura .....	37.9	39.4	39.5	11.2	12.1	12.1	60.3	62.7	62.8
<b>Colorado</b> .....	203.1	203.3	203.1	138.3	141.3	141.3	496.3	513.1	515.7
Boulder-Longmont .....	32.9	32.5	32.4	4.5	5.4	5.3	34.6	35.4	35.4
Colorado Springs .....	27.5	28.5	28.7	13.4	13.5	13.4	49.9	51.5	51.4
Denver .....	90.3	89.5	89.4	97.2	101.3	101.6	262.4	268.3	269.2
<b>Connecticut</b> .....	271.4	265.8	266.1	77.6	78.8	79.0	352.8	354.0	356.0
Bridgeport .....	38.3	37.4	37.2	7.4	7.3	7.3	41.1	41.3	41.5
Danbury .....	19.5	19.0	19.1	2.9	2.8	2.8	20.9	20.6	20.7
Hartford .....	92.8	89.7	89.7	27.0	27.0	27.1	122.4	121.0	121.9
New Haven-Meriden .....	40.3	40.0	40.3	16.6	16.4	16.4	53.4	52.9	53.5
New London-Norwich .....	24.0	23.7	23.7	7.1	7.2	7.2	27.0	27.0	27.5
Stamford-Norwalk .....	25.7	25.2	25.2	10.4	10.3	10.3	44.0	43.8	44.0
Waterbury .....	18.0	18.2	18.2	3.9	4.1	4.1	17.9	18.1	18.2
<b>Delaware</b> .....	60.0	59.5	59.5	16.6	17.7	17.7	86.2	88.5	89.4
Dover .....	6.2	6.2	6.2	2.0	2.0	2.0	12.1	12.9	13.0
Wilmington-Newark .....	45.6	44.8	44.8	14.4	14.7	14.7	64.2	65.0	65.6
<b>District of Columbia</b> .....	11.9	12.0	11.9	17.7	17.9	17.9	46.3	47.2	47.6
Washington PMSA .....	98.1	98.9	99.0	123.2	129.1	130.0	470.0	473.8	478.1
<b>Florida</b> .....	491.2	488.0	489.0	348.4	356.3	357.5	1,724.2	1,749.9	1,767.8
Daytona Beach .....	12.0	12.5	12.6	5.5	6.0	6.0	43.6	43.5	44.1
Fort Lauderdale .....	37.8	36.4	36.3	32.5	33.6	33.9	184.7	186.5	187.4
Fort Myers-Cape Coral .....	7.0	7.1	7.2	7.9	8.1	8.2	46.9	47.5	47.7
Gainesville .....	5.6	5.4	5.5	2.3	2.5	2.5	24.0	24.5	24.3
Jacksonville .....	39.1	39.4	39.1	37.6	37.6	37.7	130.6	130.6	132.1
Lakeland-Winter Haven .....	20.9	20.5	20.5	9.1	9.3	9.4	50.5	52.9	52.9
Melbourne-Titusville-Palm Bay .....	26.4	25.6	25.6	5.5	6.2	6.3	45.0	46.9	47.3
Miami .....	71.1	69.3	69.6	88.2	88.9	89.4	258.1	260.8	262.7
Orlando .....	53.9	53.5	53.1	43.8	45.7	45.5	212.2	222.7	224.1
Pensacola .....	10.1	9.4	9.5	7.3	7.9	7.7	38.5	39.1	40.0
Sarasota-Bradenton .....	21.7	22.1	22.1	5.6	5.3	5.3	60.8	63.4	63.9
Tallahassee .....	4.8	4.6	4.6	3.9	3.7	3.7	30.8	31.8	31.8
Tampa-St. Petersburg-Clearwater .....	89.0	89.7	90.1	53.2	54.3	54.7	263.9	266.2	268.4
West Palm Beach-Boca Raton .....	33.7	34.1	34.1	16.0	16.4	16.4	121.2	124.1	125.5

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Alabama</b> .....	90.6	93.2	93.3	450.0	462.4	463.7	355.0	358.2	361.2
Birmingham .....	37.3	39.2	39.4	141.6	143.7	144.1	68.6	69.7	70.1
Huntsville .....	5.0	5.1	5.1	49.9	54.2	54.1	40.7	40.5	40.5
Mobile .....	10.2	10.5	10.5	64.6	64.0	64.2	35.9	35.8	36.2
Montgomery .....	10.5	10.8	10.8	44.6	46.1	46.3	37.4	37.9	38.0
Tuscaloosa .....	2.5	2.6	2.6	14.6	15.2	15.0	22.9	22.5	22.6
<b>Alaska</b> .....	12.4	12.4	12.6	66.4	68.1	68.9	74.6	74.5	75.3
Anchorage .....	7.6	7.6	7.6	36.1	37.6	37.8	28.9	28.8	29.0
<b>Arizona</b> .....	136.7	144.4	144.7	666.7	707.6	715.9	362.4	367.7	372.6
Phoenix-Mesa .....	116.4	122.9	123.2	485.6	515.0	522.1	193.3	194.0	195.4
Tucson .....	12.7	13.5	13.7	111.3	117.5	118.1	75.7	77.6	78.6
<b>Arkansas</b> .....	45.3	46.5	46.9	267.2	271.8	275.2	190.6	192.7	193.7
Fayetteville-Springdale-Rogers .....	5.3	5.5	5.5	28.4	30.2	30.6	19.4	20.0	20.1
Fort Smith .....	3.1	3.2	3.2	26.5	27.3	27.3	10.4	10.6	10.6
Little Rock-North Little Rock .....	18.1	18.3	18.3	91.9	93.4	93.4	61.1	61.1	61.3
Pine Bluff .....	1.2	1.2	1.2	8.6	8.8	8.8	8.2	8.1	8.1
<b>California</b> .....	819.2	827.8	829.5	4,327.6	4,468.2	4,499.4	2,258.8	2,301.5	2,333.3
Bakersfield .....	7.4	7.2	7.2	46.8	48.2	48.1	50.8	51.4	52.3
Fresno .....	14.0	14.4	14.5	72.0	75.7	76.2	69.3	71.7	72.1
Los Angeles-Long Beach .....	232.6	236.1	237.2	1,308.0	1,334.2	1,337.9	562.2	581.6	589.1
Modesto .....	4.5	4.5	4.5	35.7	36.9	37.1	24.0	25.5	25.8
Oakland .....	57.2	55.7	55.8	298.1	307.1	308.5	174.4	175.6	177.8
Orange County .....	103.8	106.3	106.2	409.4	422.1	424.9	143.7	147.9	148.3
Riverside-San Bernardino .....	31.8	32.4	32.4	245.9	260.5	262.2	184.8	188.4	190.4
Sacramento .....	50.3	51.1	51.3	190.6	200.9	202.0	180.2	181.7	184.0
Salinas .....	6.3	6.6	6.6	34.5	36.3	36.2	29.8	30.5	30.9
San Diego .....	68.6	68.4	68.6	373.7	382.2	383.5	203.0	205.7	207.4
San Francisco .....	108.1	107.2	107.1	389.4	394.5	396.0	126.8	129.5	130.9
San Jose .....	32.5	33.0	33.1	328.9	338.6	342.8	92.2	93.0	93.6
Santa Barbara-Santa Maria-Lompoc .....	7.4	7.7	7.7	48.7	50.8	51.1	33.2	33.1	33.6
Santa Rosa .....	10.2	10.2	10.1	51.3	51.2	51.8	27.6	28.2	28.5
Stockton-Lodi .....	8.4	8.6	8.7	44.6	45.7	46.3	35.9	36.6	36.9
Vallejo-Fairfield-Napa .....	6.4	6.7	6.7	44.7	44.6	45.2	33.5	34.1	34.3
Ventura .....	14.8	14.8	14.8	74.5	78.6	79.1	44.2	45.1	45.3
<b>Colorado</b> .....	140.5	142.6	142.6	639.7	668.9	670.0	331.6	337.5	343.5
Boulder-Longmont .....	6.7	6.8	6.7	54.8	57.5	57.6	27.1	27.4	27.6
Colorado Springs .....	13.6	14.0	14.1	74.9	76.7	77.5	37.0	37.3	37.5
Denver .....	91.5	92.5	92.6	343.6	357.1	359.5	150.6	154.2	155.4
<b>Connecticut</b> .....	139.4	140.5	140.8	515.3	525.2	529.1	238.9	242.4	245.9
Bridgeport .....	11.3	11.7	11.7	59.4	60.2	60.7	21.4	21.8	22.0
Danbury .....	5.2	5.6	5.7	24.6	25.5	25.7	11.3	11.2	11.4
Hartford .....	72.6	73.3	73.5	178.5	180.3	181.6	99.0	97.5	99.2
New Haven-Meriden .....	13.0	12.5	12.6	91.6	92.9	92.9	33.0	32.9	33.4
New London-Norwich .....	3.7	3.8	3.8	34.9	35.4	35.6	36.7	37.0	37.7
Stamford-Norwalk .....	26.2	27.7	27.7	75.0	77.0	77.2	18.3	18.2	18.3
Waterbury .....	3.6	4.0	3.9	26.1	25.7	25.8	13.2	13.1	13.2
<b>Delaware</b> .....	48.7	50.4	50.6	114.1	116.2	117.2	55.8	55.8	58.0
Dover .....	2.2	2.0	2.0	13.5	14.6	14.7	16.0	15.3	16.0
Wilmington-Newark .....	42.7	44.5	44.6	92.1	94.5	95.3	40.3	40.5	42.4
<b>District of Columbia</b> .....	32.0	31.5	31.5	275.6	279.2	279.8	220.8	220.1	220.4
Washington PMSA .....	145.8	146.1	147.1	1,026.0	1,069.8	1,079.0	590.9	591.4	593.7
<b>Florida</b> .....	447.6	457.3	459.3	2,501.2	2,660.7	2,687.3	981.8	997.1	1,003.7
Daytona Beach .....	6.9	6.8	6.8	56.9	59.7	60.0	24.0	24.3	24.3
Fort Lauderdale .....	49.4	50.3	50.4	233.8	243.9	244.6	85.3	87.2	87.7
Fort Myers-Cape Coral .....	9.6	9.9	9.9	51.9	53.4	53.9	26.3	27.0	27.2
Gainesville .....	5.3	5.3	5.3	36.8	37.7	38.1	39.6	40.6	40.9
Jacksonville .....	57.0	57.1	57.0	174.8	186.4	188.5	67.1	67.1	67.2
Lakeland-Winter Haven .....	8.5	8.6	8.6	51.5	53.8	54.4	26.8	26.8	27.3
Melbourne-Titusville-Palm Bay .....	6.4	6.3	6.4	65.6	68.6	68.9	24.8	25.7	25.8
Miami .....	67.0	68.8	68.9	330.4	340.1	342.0	139.6	141.2	142.5
Orlando .....	56.3	59.5	59.9	364.3	387.1	391.4	90.5	93.4	93.6
Pensacola .....	5.9	6.3	6.3	53.5	56.6	57.5	29.3	29.3	29.5
Sarasota-Bradenton .....	11.9	11.9	12.0	125.1	134.2	136.6	24.5	24.1	24.4
Tallahassee .....	6.6	6.9	6.9	43.4	45.2	45.8	60.6	61.2	61.9
Tampa-St. Petersburg-Clearwater .....	84.4	86.3	86.5	469.5	503.4	510.4	136.8	140.1	141.0
West Palm Beach-Boca Raton .....	33.8	34.2	34.1	187.4	198.9	200.1	56.3	56.5	56.4

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Total			Mining			Construction		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Georgia</b> .....	3,822.1	3,943.7	3,983.5	8.0	7.9	7.9	192.5	195.7	200.0
Albany .....	58.7	59.1	59.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.6	3.8	3.8
Athens .....	73.6	74.4	76.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.9	3.1
Atlanta .....	2,099.9	2,186.1	2,209.3	1.8	1.9	1.9	109.6	113.6	116.4
Augusta-Aiken .....	197.1	203.2	204.3	.3	.3	.3	12.8	13.2	13.2
Columbus .....	120.2	122.9	123.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.4	5.6	5.6
Macon .....	149.8	153.0	154.1	1.0	1.0	1.0	6.3	7.3	7.3
Savannah .....	135.1	136.9	137.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.2	7.6	7.7
<b>Hawaii</b> .....	532.8	539.1	543.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.9	22.6	23.5
Honolulu .....	399.8	402.8	405.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.8	15.7	16.7
<b>Idaho</b> .....	523.3	541.6	547.8	2.5	2.4	2.4	30.2	33.0	34.5
Boise City .....	205.9	214.4	215.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.0	14.8	15.4
<b>Illinois</b> .....	5,873.5	5,883.9	5,937.9	10.4	10.4	10.6	223.7	222.4	232.3
Bloomington-Normal .....	87.4	89.7	89.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	2.9	3.2
Champaign-Urbana .....	101.0	102.0	103.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.2	3.5
Chicago .....	4,122.8	4,134.8	4,161.2	1.7	1.6	1.7	155.7	158.3	161.8
Davenport-Moline-Rock Island .....	181.2	181.3	184.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.8	8.0	8.8
Decatur .....	59.1	58.4	59.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	3.4	3.7
Kankakee .....	42.7	42.6	43.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.8	2.0
Peoria-Pekin .....	172.5	172.9	172.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.1	7.1	7.3
Rockford .....	177.3	177.6	178.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	6.5	6.8
Springfield .....	112.7	112.7	113.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	4.4	4.4
<b>Indiana</b> .....	2,929.3	2,952.2	2,970.8	6.6	5.8	5.9	136.8	133.6	138.4
Bloomington .....	65.6	67.4	67.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.9	3.0
Elkhart-Goshen .....	122.6	125.8	127.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	5.0	5.1
Evansville-Henderson .....	156.8	159.7	160.3	1.1	1.0	1.0	10.6	9.8	10.1
Fort Wayne .....	272.0	271.5	273.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.7	11.8	12.3
Gary .....	265.6	266.1	268.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.6	14.7	15.5
Indianapolis .....	854.4	870.1	874.5	.8	.8	.8	44.1	47.0	48.3
Kokomo .....	51.7	53.5	53.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.7	1.8
Lafayette .....	95.7	98.2	98.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	3.5	3.5
Muncie .....	59.1	59.8	60.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.4	2.4
South Bend .....	135.7	134.7	135.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.9	6.4	6.7
Terre Haute .....	67.9	68.3	68.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.0	3.0	3.1
<b>Iowa</b> .....	1,445.4	1,451.7	1,467.5	1.9	1.9	2.0	55.7	55.2	58.1
Cedar Rapids .....	120.0	121.3	121.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.7	5.7	5.7
Des Moines .....	282.2	280.9	283.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.2	11.7	12.3
Dubuque .....	51.6	51.7	51.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.5	1.5
Iowa City .....	70.6	71.2	72.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.1	2.2
Sioux City .....	65.7	66.3	66.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.7	2.8
Waterloo-Cedar Falls .....	71.8	72.7	73.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.3	2.4
<b>Kansas</b> .....	1,318.7	1,329.4	1,339.7	6.4	6.4	6.4	60.5	63.2	64.9
Lawrence .....	49.1	48.6	49.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.1	2.1
Topeka .....	100.8	99.2	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.6	4.3	4.4
Wichita .....	285.1	283.8	285.0	1.1	1.0	1.0	14.4	14.6	14.9
<b>Kentucky</b> .....	1,764.2	1,795.2	1,811.1	21.9	21.0	21.0	79.9	80.7	83.4
Lexington .....	281.8	284.4	287.1	.3	.2	.3	13.4	13.8	14.1
Louisville .....	568.8	581.1	584.8	.6	.6	.6	28.8	29.1	30.1
Owensboro .....	43.9	44.8	45.2	.2	.2	.2	3.3	3.3	3.4
<b>Louisiana</b> .....	1,890.4	1,894.3	1,904.6	47.7	46.2	46.4	130.1	128.2	129.4
Alexandria .....	56.8	58.3	58.3	.1	.1	.1	4.1	4.1	4.1
Baton Rouge .....	295.6	307.4	308.1	.9	1.0	1.0	34.8	38.5	38.2
Houma .....	76.0	75.5	75.7	5.6	5.8	5.9	4.3	4.3	4.4
Lafayette .....	161.6	163.5	163.7	12.6	12.7	12.6	9.5	9.4	9.4
Lake Charles .....	87.9	89.1	89.2	1.3	1.4	1.4	11.8	11.1	11.0
Monroe .....	70.7	72.4	73.1	.2	.2	.2	3.7	3.7	3.9
New Orleans .....	622.8	618.8	620.1	14.2	12.7	12.7	33.9	31.0	31.3
Shreveport-Bossier City .....	172.8	174.3	175.3	2.0	2.2	2.3	9.2	8.9	8.9
<b>Maine</b> .....	565.7	577.7	581.5	.1	.1	.1	23.4	25.9	26.2
Lewiston-Auburn .....	43.1	43.9	44.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.5	1.5	1.5
Portland .....	143.0	147.6	147.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	6.4	6.8	7.0

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Georgia</b> .....	597.5	604.7	605.1	253.2	262.0	262.4	939.8	984.4	998.9
Albany .....	8.7	8.1	8.2	3.5	3.6	3.6	13.7	13.9	13.9
Athens .....	11.7	12.1	12.2	1.8	1.9	1.9	17.2	17.3	17.2
Atlanta .....	225.7	227.3	227.3	181.1	186.4	186.6	548.7	571.5	578.8
Augusta-Aiken .....	28.3	28.9	29.0	16.8	18.8	18.9	41.8	42.8	43.3
Columbus .....	22.1	22.0	22.0	4.4	4.4	4.4	25.7	26.2	26.6
Macon .....	19.3	18.6	18.6	5.7	6.0	6.1	34.1	34.6	34.9
Savannah .....	18.0	18.2	18.1	8.7	9.4	9.2	34.3	34.8	35.3
<b>Hawaii</b> .....	16.2	16.7	16.7	40.6	41.0	40.9	131.6	133.6	134.1
Honolulu .....	12.5	13.0	12.9	31.7	31.9	31.8	95.3	97.3	97.5
<b>Idaho</b> .....	74.8	76.7	76.5	26.0	27.0	27.2	132.0	135.1	136.7
Boise City .....	36.1	36.9	37.0	10.7	11.2	11.2	49.0	52.0	52.5
<b>Illinois</b> .....	955.9	949.2	950.4	345.3	345.0	346.3	1,320.7	1,320.8	1,328.5
Bloomington-Normal .....	9.2	8.9	8.8	3.0	2.9	3.0	17.9	18.1	17.8
Champaign-Urbana .....	11.7	12.1	12.3	3.5	3.6	3.6	21.8	21.6	21.8
Chicago .....	638.9	633.2	634.1	257.6	255.6	256.1	916.0	919.4	923.7
Davenport-Moline-Rock Island .....	31.1	30.3	31.4	10.1	10.3	10.4	47.1	47.2	47.7
Decatur .....	14.3	14.1	14.1	5.4	5.3	5.4	12.3	12.3	12.3
Kankakee .....	7.1	7.0	7.1	2.3	2.3	2.3	11.0	11.3	11.3
Peoria-Pekin .....	34.2	33.2	32.1	9.8	10.1	10.1	40.5	40.6	40.7
Rockford .....	52.5	51.2	51.4	8.7	8.9	9.0	37.4	37.0	37.2
Springfield .....	4.3	4.4	4.4	4.7	4.5	4.5	22.5	22.2	22.5
<b>Indiana</b> .....	685.2	690.4	689.5	145.8	144.7	145.8	684.1	689.7	693.1
Bloomington .....	9.3	9.5	9.4	1.7	1.7	1.7	15.0	15.5	15.5
Elkhart-Goshen .....	63.1	65.3	65.9	3.0	3.0	3.0	22.9	22.5	22.7
Evansville-Henderson .....	31.4	32.0	32.0	7.4	7.4	7.4	38.1	39.1	39.1
Fort Wayne .....	75.0	73.9	73.4	13.3	13.8	13.9	63.7	65.2	65.9
Gary .....	49.3	47.9	47.7	15.0	14.9	15.0	62.7	63.2	63.6
Indianapolis .....	126.7	128.6	128.2	54.4	54.1	54.5	218.3	224.0	225.2
Kokomo .....	20.4	21.3	21.0	1.2	1.2	1.2	11.2	11.1	11.2
Lafayette .....	22.8	23.6	23.4	2.3	2.4	2.4	19.6	19.9	19.9
Muncie .....	9.6	10.1	9.9	3.5	3.3	3.6	13.4	13.3	13.3
South Bend .....	22.8	22.6	22.7	5.6	5.5	5.6	34.9	34.7	34.9
Terre Haute .....	12.4	12.7	12.5	3.0	3.0	3.0	18.7	18.9	19.1
<b>Iowa</b> .....	260.1	258.4	259.5	71.0	72.1	72.5	347.2	346.7	349.9
Cedar Rapids .....	22.4	21.8	21.8	11.6	11.9	11.7	25.5	25.9	26.0
Des Moines .....	24.3	23.4	23.5	14.6	15.0	15.3	70.7	72.8	73.2
Dubuque .....	12.2	11.4	11.4	1.9	1.8	1.8	12.5	12.8	12.9
Iowa City .....	5.5	5.5	5.4	2.3	2.5	2.6	14.4	14.5	14.6
Sioux City .....	14.0	13.5	13.5	3.9	3.9	4.0	15.6	16.3	16.3
Waterloo-Cedar Falls .....	14.5	14.6	14.6	2.5	2.5	2.5	16.9	17.2	17.2
<b>Kansas</b> .....	215.2	211.0	211.3	76.6	78.6	78.6	314.7	317.7	318.4
Lawrence .....	5.5	5.6	5.6	1.4	1.4	1.4	11.9	12.0	12.0
Topeka .....	10.1	9.7	9.7	5.7	5.2	5.2	21.4	21.4	21.5
Wichita .....	75.0	71.8	72.0	11.0	11.4	11.4	62.4	62.6	62.7
<b>Kentucky</b> .....	319.7	321.6	321.3	102.8	106.4	106.9	416.0	421.9	426.5
Lexington .....	48.9	49.1	48.9	11.0	11.5	11.6	62.5	63.6	64.2
Louisville .....	88.9	88.7	88.8	43.7	46.5	46.5	136.9	139.4	140.0
Owensboro .....	6.9	6.9	6.9	2.1	2.1	2.1	10.8	11.1	11.1
<b>Louisiana</b> .....	186.7	184.5	184.7	112.0	112.8	113.3	440.7	435.2	437.9
Alexandria .....	3.6	3.8	3.8	3.4	3.4	3.4	12.9	13.4	13.4
Baton Rouge .....	24.1	24.2	24.3	13.6	14.0	14.0	68.9	70.7	70.9
Houma .....	8.2	7.8	7.6	8.3	8.4	8.4	18.1	18.2	18.2
Lafayette .....	14.7	14.7	14.8	9.4	9.5	9.4	42.6	43.0	43.0
Lake Charles .....	11.6	11.4	11.4	4.3	4.9	4.9	19.0	18.8	18.9
Monroe .....	8.1	8.1	8.3	3.8	3.8	3.8	17.3	17.3	17.5
New Orleans .....	49.6	49.2	48.8	41.1	40.2	40.4	153.0	150.9	151.0
Shreveport-Bossier City .....	19.0	18.7	18.4	8.3	8.3	8.3	39.7	39.7	40.1
<b>Maine</b> .....	86.1	85.5	85.5	23.5	23.3	23.5	135.5	139.1	139.5
Lewiston-Auburn .....	7.8	8.0	7.9	1.9	1.9	1.9	10.5	10.8	10.6
Portland .....	14.5	15.2	15.2	6.8	6.9	7.0	39.3	39.9	39.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Georgia</b> .....	200.6	203.9	205.1	1,036.9	1,085.7	1,096.9	593.6	599.4	607.2
Albany .....	1.8	1.7	1.7	14.7	15.3	15.5	12.7	12.7	12.7
Athens .....	2.4	2.4	2.4	17.2	17.5	17.8	20.5	20.3	21.7
Atlanta .....	136.5	137.4	138.2	634.0	676.0	685.3	262.5	272.0	274.8
Augusta-Aiken .....	6.2	6.0	6.0	50.0	52.0	52.1	40.9	41.2	41.5
Columbus .....	8.2	8.1	8.2	32.6	34.6	35.0	21.8	22.0	22.1
Macon .....	9.1	9.4	9.4	40.9	42.2	42.7	33.4	33.9	34.1
Savannah .....	4.6	4.5	4.5	40.2	41.6	41.9	21.1	20.8	21.0
<b>Hawaii</b> .....	35.1	34.4	34.5	173.8	175.7	176.4	114.6	115.1	117.4
Honolulu .....	28.2	27.4	27.5	123.8	125.0	125.5	92.5	92.5	93.9
<b>Idaho</b> .....	23.4	23.4	23.4	128.5	136.2	138.7	105.9	107.8	108.4
Boise City .....	11.3	11.5	11.5	52.4	55.2	55.6	32.4	32.8	32.6
<b>Illinois</b> .....	404.7	404.9	406.4	1,780.2	1,794.6	1,822.9	832.6	836.6	840.5
Bloomington-Normal .....	17.9	18.6	18.8	21.0	22.6	22.7	15.5	15.7	15.6
Champaign-Urbana .....	3.8	3.8	3.8	21.6	22.0	22.3	35.4	35.7	36.3
Chicago .....	314.2	314.4	314.1	1,338.5	1,362.5	1,375.3	500.2	489.8	494.4
Davenport-Moline-Rock Island .....	8.1	8.0	8.2	50.5	50.6	50.9	26.5	26.9	26.9
Decatur .....	2.1	2.0	2.0	14.6	14.9	15.0	6.7	6.4	6.6
Kankakee .....	1.7	1.8	1.8	11.8	11.5	11.7	6.9	6.9	6.8
Peoria-Pekin .....	7.9	8.3	8.2	53.6	53.6	54.1	19.4	20.0	20.3
Rockford .....	7.6	7.5	7.5	46.8	48.4	48.9	18.1	18.1	18.0
Springfield .....	7.9	7.7	7.7	35.1	35.2	35.4	33.9	34.3	34.3
<b>Indiana</b> .....	140.7	142.3	142.8	716.8	727.5	734.6	413.3	418.2	420.7
Bloomington .....	2.4	2.4	2.4	13.8	14.2	14.3	20.8	21.2	21.0
Elkhart-Goshen .....	2.8	3.1	3.1	18.4	19.0	19.3	8.0	7.9	8.0
Evansville-Henderson .....	7.7	7.8	7.6	44.8	46.3	46.7	15.7	16.3	16.4
Fort Wayne .....	14.6	14.6	14.7	65.4	64.9	66.0	27.3	27.3	27.4
Gary .....	8.9	9.3	9.3	74.5	77.1	77.8	38.6	39.0	39.2
Indianapolis .....	63.5	66.0	66.0	236.8	237.5	239.2	109.8	112.1	112.3
Kokomo .....	1.6	1.6	1.6	8.5	9.4	9.5	7.0	7.2	7.2
Lafayette .....	3.7	3.9	4.0	18.9	18.6	18.6	24.9	26.3	26.4
Muncie .....	1.9	1.9	1.9	15.6	15.6	15.8	12.9	13.2	13.2
South Bend .....	6.8	6.8	6.7	44.9	44.6	44.9	13.8	14.1	14.4
Terre Haute .....	2.4	2.4	2.3	16.3	16.2	16.4	12.1	12.1	12.2
<b>Iowa</b> .....	84.4	84.7	84.9	382.0	388.0	392.9	243.1	244.7	247.7
Cedar Rapids .....	6.6	7.0	7.2	36.6	36.9	37.3	11.6	12.1	12.2
Des Moines .....	40.4	39.0	38.6	83.2	81.6	82.5	36.8	37.4	37.8
Dubuque .....	1.9	1.9	1.9	17.6	18.4	18.2	3.9	3.9	4.0
Iowa City .....	2.4	2.7	2.6	15.1	15.9	16.4	28.6	28.0	28.8
Sioux City .....	2.8	2.8	2.8	19.0	19.1	19.2	7.8	8.0	8.1
Waterloo-Cedar Falls .....	3.1	3.1	3.1	19.3	19.8	20.0	13.1	13.2	13.4
<b>Kansas</b> .....	62.9	63.4	63.6	336.4	343.4	346.1	246.0	245.7	250.4
Lawrence .....	2.1	1.9	1.9	11.5	11.5	11.6	14.6	14.1	14.7
Topeka .....	6.6	6.6	6.7	30.3	30.7	31.0	22.1	21.3	21.5
Wichita .....	11.1	11.7	11.7	75.9	76.3	76.3	34.2	34.4	35.0
<b>Kentucky</b> .....	69.8	71.1	71.2	450.3	463.7	467.7	303.8	308.8	313.1
Lexington .....	10.3	10.2	10.4	78.2	79.5	80.9	57.2	56.5	56.7
Louisville .....	29.6	30.3	30.2	167.5	173.0	174.6	72.8	73.5	74.0
Owensboro .....	1.8	1.8	1.9	11.4	11.6	11.8	7.4	7.8	7.8
<b>Louisiana</b> .....	85.2	84.5	84.9	514.7	529.3	531.3	373.3	373.6	376.7
Alexandria .....	2.6	2.6	2.6	16.6	17.1	17.1	13.5	13.8	13.8
Baton Rouge .....	17.0	16.5	16.7	76.1	79.1	79.4	60.2	63.4	63.6
Houma .....	2.0	2.0	2.0	15.4	14.6	14.6	14.1	14.4	14.6
Lafayette .....	6.3	6.4	6.4	42.3	43.3	43.4	24.2	24.5	24.7
Lake Charles .....	2.5	2.5	2.5	23.8	25.3	25.4	13.6	13.7	13.7
Monroe .....	5.6	5.7	5.7	18.7	20.4	20.4	13.3	13.2	13.3
New Orleans .....	30.8	30.8	30.8	195.3	198.3	199.2	104.9	105.7	105.9
Shreveport-Bossier City .....	6.4	6.5	6.5	55.0	56.6	57.2	33.2	33.4	33.6
<b>Maine</b> .....	30.8	30.8	31.0	166.6	172.4	173.1	99.7	100.6	102.6
Lewiston-Auburn .....	2.5	2.4	2.4	13.8	14.1	14.3	5.1	5.2	5.4
Portland .....	13.5	13.7	13.9	43.1	45.6	45.5	19.4	19.5	19.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Total			Mining			Construction		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Maryland</b> .....	2,346.4	2,387.8	2,413.5	1.3	1.4	1.4	141.8	148.4	152.1
Baltimore FMSA .....	1,196.7	1,213.6	1,224.2	.4	.3	.3	65.5	70.6	71.7
Baltimore City .....	396.6	407.4	411.1	(1)	(1)	(1)	12.7	14.3	14.6
Suburban Maryland-D.C. ....	875.5	897.1	907.8	(1)	(1)	(1)	62.8	64.7	66.4
<b>Massachusetts</b> .....	3,176.2	3,224.1	3,237.1	1.3	1.3	1.3	104.7	110.1	113.7
Barnstable-Yarmouth .....	54.1	56.1	57.2	(1)	(1)	(1)	2.8	3.0	3.1
Boston .....	1,949.2	1,976.3	1,987.9	.5	.5	.6	61.1	64.6	67.1
Brockton .....	97.2	99.1	99.6	(2)	(2)	(2)	3.7	4.0	4.1
Fitchburg-Leominster .....	51.5	51.1	51.2	(2)	(2)	(2)	1.5	1.5	1.5
Lawrence .....	155.4	158.5	159.8	(2)	(2)	(2)	5.9	6.0	6.3
Lowell .....	121.0	123.3	124.2	(1)	(1)	(1)	4.8	4.7	4.8
New Bedford .....	63.8	64.5	65.1	(2)	(2)	(2)	2.3	2.3	2.5
Pittsfield .....	41.1	41.7	41.7	.1	.1	.1	1.5	1.5	1.6
Springfield .....	253.2	257.4	258.4	.1	.1	.1	7.1	7.6	8.0
Worcester .....	228.5	229.6	231.0	.2	.2	.2	6.9	7.6	7.8
<b>Michigan</b> .....	4,474.5	4,496.3	4,515.6	6.8	6.1	6.2	165.9	168.5	170.6
Ann Arbor .....	279.9	283.0	284.1	(1)	(1)	(1)	9.8	9.8	10.1
Benton Harbor .....	71.0	72.1	72.6	(1)	(1)	(1)	2.1	2.3	2.3
Detroit .....	2,105.6	2,129.4	2,141.0	.9	1.0	1.0	73.8	73.6	75.1
Flint .....	174.6	167.9	168.6	(1)	(1)	(1)	6.8	6.7	6.7
Grand Rapids-Muskegon-Holland .....	565.5	575.1	578.4	(1)	(1)	(1)	23.8	24.0	24.5
Jackson .....	60.7	62.2	62.4	(1)	(1)	(1)	2.3	2.5	2.5
Kalamazoo-Battle Creek .....	213.4	213.2	214.7	(1)	(1)	(1)	7.8	7.9	8.1
Lansing-East Lansing .....	232.7	236.4	237.7	(1)	(1)	(1)	7.7	7.7	7.9
Saginaw-Bay City-Midland .....	176.3	177.9	178.2	(1)	(1)	(1)	8.6	9.1	8.8
<b>Minnesota</b> .....	2,550.4	2,596.3	2,606.8	7.0	6.7	6.9	92.0	98.4	100.3
Duluth-Superior .....	110.7	113.3	113.6	4.8	4.7	4.7	3.4	3.8	3.8
Minneapolis-St. Paul .....	1,664.8	1,698.3	1,708.4	(2)	(2)	(2)	61.6	62.1	63.8
Rochester .....	79.1	81.2	81.8	(1)	(1)	(1)	2.7	2.9	2.9
St. Cloud .....	89.6	92.4	92.8	(1)	(1)	(1)	3.5	3.1	3.3
<b>Mississippi</b> .....	1,143.4	1,151.4	1,155.4	5.2	5.5	5.6	55.2	53.8	53.7
Jackson .....	228.3	228.7	229.3	(2)	(2)	(2)	11.1	11.2	11.4
<b>Missouri</b> .....	2,692.0	2,702.8	2,728.4	5.0	5.2	5.3	127.1	132.4	134.7
Kansas City .....	951.5	967.0	973.3	(1)	(1)	(1)	48.0	48.9	49.6
St. Louis .....	1,303.6	1,311.9	1,319.6	(1)	(1)	(1)	68.6	70.9	72.8
Springfield .....	165.6	168.9	170.5	(1)	(1)	(1)	7.4	7.7	7.8
<b>Montana</b> .....	371.6	378.1	383.0	4.7	4.8	4.8	16.7	16.7	17.4
<b>Nebraska</b> .....	877.6	883.9	887.5	1.1	1.2	1.2	38.5	40.1	40.4
Lincoln .....	149.3	153.3	154.3	(1)	(1)	(1)	6.4	7.2	7.3
Omaha .....	406.9	414.1	414.2	(1)	(1)	(1)	19.7	20.5	20.7
<b>Nevada</b> .....	965.8	999.5	1,006.1	12.5	11.3	11.2	90.0	88.2	89.1
Las Vegas .....	699.2	730.0	734.2	1.9	1.8	1.8	72.4	70.9	71.0
Reno .....	184.5	189.9	191.2	.5	.4	.4	12.9	13.3	13.5
<b>New Hampshire</b> .....	592.4	605.2	604.7	.4	.3	.4	21.6	23.6	23.8
Manchester .....	101.7	104.3	104.1	(1)	(1)	(1)	4.4	4.7	4.8
Nashua .....	95.5	94.7	94.8	(1)	(1)	(1)	3.0	3.1	3.2
Portsmouth-Rochester .....	114.9	118.7	118.6	(1)	(1)	(1)	3.6	3.5	3.7
<b>New Jersey</b> .....	3,808.3	3,843.2	3,874.6	1.9	1.9	2.1	127.5	127.9	132.0
Atlantic-Cape May .....	173.4	172.2	174.8	(1)	(1)	(1)	6.5	6.1	6.5
Bergen-Passaic .....	658.3	660.8	667.0	(1)	(1)	(1)	21.2	21.6	23.2
Camden .....	488.2	492.4	495.9	(1)	(1)	(1)	21.4	21.5	22.5
Jersey City .....	246.1	245.6	246.6	(1)	(1)	(1)	4.8	5.0	5.1
Middlesex-Somerset-Hunterdon .....	624.5	635.6	639.9	.5	.5	.6	18.0	18.1	19.5
Monmouth-Ocean .....	364.7	365.0	371.4	(1)	(1)	(1)	17.5	16.5	17.7
Monmouth-Ocean .....	973.1	990.6	995.7	.8	.7	.9	30.9	32.0	32.9
Trenton .....	198.5	200.3	200.9	(1)	(1)	(1)	4.5	4.5	4.6
Vineland-Millville-Bridgeton .....	58.8	58.1	58.7	.3	.3	.3	1.9	1.8	2.0
<b>New Mexico</b> .....	722.5	730.3	737.4	13.2	13.3	13.2	41.9	41.9	42.9
Albuquerque .....	340.0	345.8	348.7	(1)	(1)	(1)	20.6	21.2	21.6
Las Cruces .....	54.9	56.3	57.1	(1)	(1)	(1)	3.4	3.4	3.5
Santa Fe .....	72.3	73.0	73.9	(1)	(1)	(1)	3.9	4.0	4.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Maryland</b> .....	175.7	176.3	176.8	109.3	113.0	112.6	534.0	545.3	550.3
Baltimore PMSA .....	98.0	96.2	96.0	57.3	59.0	59.1	271.0	274.6	276.8
Baltimore City .....	29.3	28.9	29.2	18.5	18.1	18.3	60.9	62.4	62.9
Suburban Maryland-D.C. ....	39.1	40.6	41.3	37.1	38.1	38.2	198.1	199.6	201.8
<b>Massachusetts</b> .....	433.6	429.3	429.3	136.7	138.5	139.4	712.4	724.3	722.8
Barnstable-Yarmouth .....	2.5	2.7	2.7	2.8	2.9	2.9	17.1	18.3	18.4
Boston .....	213.0	209.5	210.1	84.5	85.3	85.8	415.2	422.6	422.6
Brockton .....	11.3	11.5	11.5	4.9	4.7	4.7	32.1	32.3	32.6
Fitchburg-Leominster .....	13.1	12.6	12.6	2.0	2.0	2.0	12.6	12.7	12.8
Lawrence .....	38.9	39.0	39.2	5.6	5.8	5.8	36.1	37.0	37.3
Lowell .....	27.9	27.7	27.7	7.0	7.2	7.1	27.2	28.3	28.7
New Bedford .....	13.0	12.8	12.7	3.5	3.4	3.4	16.3	16.8	17.0
Pittsfield .....	7.3	7.2	7.0	1.4	1.5	1.5	9.9	10.2	10.2
Springfield .....	37.9	38.3	38.3	10.0	10.3	10.2	59.2	61.4	61.8
Worcester .....	39.7	38.6	38.7	9.8	10.3	10.3	50.8	51.3	51.6
<b>Michigan</b> .....	979.6	967.3	963.7	174.4	175.7	177.0	1,038.7	1,048.2	1,052.9
Ann Arbor .....	54.7	54.5	54.6	6.6	6.6	6.6	55.1	55.9	56.1
Benton Harbor .....	19.5	19.5	19.6	3.2	3.5	3.5	15.5	15.4	15.7
Detroit .....	445.6	448.7	449.3	95.2	94.7	94.4	484.0	492.5	495.2
Flint .....	38.2	31.0	31.0	5.5	5.6	5.7	43.2	43.2	43.4
Grand Rapids-Muskegon-Holland .....	159.6	161.3	161.5	20.0	20.8	20.9	141.6	144.9	145.9
Jackson .....	12.1	12.5	12.4	3.6	3.7	3.7	15.4	15.6	15.7
Kalamazoo-Battle Creek .....	48.7	48.1	48.1	7.3	7.5	7.5	47.3	47.4	48.0
Lansing-East Lansing .....	28.7	27.9	28.0	6.4	6.5	6.5	51.1	51.9	52.2
Saginaw-Bay City-Midland .....	39.4	38.8	38.5	6.6	6.6	6.6	44.2	44.2	44.6
<b>Minnesota</b> .....	435.0	435.4	435.1	128.7	128.5	128.8	601.3	612.2	614.8
Duluth-Superior .....	8.1	8.4	8.3	7.4	7.7	7.7	26.6	26.9	27.0
Minneapolis-St. Paul .....	274.9	275.6	276.2	92.0	93.8	93.9	388.6	394.8	396.7
Rochester .....	13.0	12.2	12.4	2.4	2.5	2.4	14.9	14.9	15.0
St. Cloud .....	16.7	17.2	17.1	3.3	3.5	3.5	25.7	26.0	26.1
<b>Mississippi</b> .....	244.5	243.0	242.8	54.2	56.4	57.1	249.4	246.9	248.4
Jackson .....	20.3	20.4	20.4	17.3	17.9	17.8	55.2	54.1	54.5
<b>Missouri</b> .....	413.3	404.7	402.3	169.4	170.6	170.6	626.8	629.5	636.8
Kansas City .....	106.1	108.0	108.5	79.6	81.1	81.5	228.8	234.6	234.9
St. Louis .....	190.8	187.2	187.2	86.0	85.1	85.2	305.0	309.1	310.0
Springfield .....	23.1	23.3	23.2	11.5	12.4	12.6	46.1	47.0	47.1
<b>Montana</b> .....	23.8	24.3	24.1	21.9	22.4	22.4	97.9	98.4	99.3
<b>Nebraska</b> .....	118.6	116.8	117.3	57.1	57.5	58.1	210.8	210.8	211.1
Lincoln .....	18.1	17.9	17.9	9.1	9.4	9.7	31.6	32.0	31.9
Omaha .....	40.2	39.9	39.9	30.8	31.6	32.0	97.5	100.0	99.8
<b>Nevada</b> .....	42.1	42.7	42.9	50.0	52.9	53.2	193.3	204.4	205.9
Las Vegas .....	23.0	23.6	23.8	36.5	39.3	39.3	142.7	151.7	153.0
Reno .....	13.7	13.6	13.7	11.9	12.6	12.7	41.1	43.1	43.3
<b>New Hampshire</b> .....	107.2	105.7	105.3	20.9	21.6	21.4	153.8	158.0	157.8
Manchester .....	14.5	15.1	15.2	6.0	6.5	6.6	24.6	25.6	25.7
Nashua .....	27.6	27.3	27.2	3.1	3.3	3.3	24.1	24.0	23.9
Portsmouth-Rochester .....	17.9	18.5	18.4	3.6	3.8	3.7	30.5	32.2	32.1
<b>New Jersey</b> .....	466.8	460.5	461.2	262.9	264.7	265.0	880.5	897.3	903.8
Atlantic-Cape May .....	6.0	6.1	6.2	6.8	6.7	6.8	33.5	33.4	34.2
Bergen-Passaic .....	102.9	101.2	101.3	37.3	37.9	38.0	178.1	179.4	180.6
Camden .....	54.2	54.6	55.2	22.9	23.0	23.0	128.5	130.5	130.8
Jersey City .....	26.4	24.8	24.7	31.1	30.1	30.5	57.5	58.1	58.0
Middlesex-Somerset-Hunterdon .....	91.2	90.1	89.7	48.7	48.4	48.4	143.8	147.5	148.8
Monmouth-Ocean .....	20.3	20.1	20.1	19.6	19.2	19.5	96.2	97.0	98.5
Newark .....	133.7	132.4	131.8	83.9	86.5	86.0	194.7	201.5	202.7
Trenton .....	16.4	15.9	15.9	7.1	7.3	7.3	32.7	33.9	33.9
Vineland-Millville-Bridgeton .....	12.5	11.7	11.8	2.7	2.6	2.7	11.5	11.7	11.7
<b>New Mexico</b> .....	42.0	41.2	41.2	34.7	35.9	36.1	168.0	168.7	169.7
Albuquerque .....	26.6	26.6	26.6	18.2	19.2	19.4	80.4	80.1	80.7
Las Cruces .....	3.1	3.0	3.0	2.0	2.0	2.0	11.2	11.3	11.5
Santa Fe .....	1.8	1.7	1.7	1.2	1.2	1.2	14.8	15.1	15.3

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Maryland</b> .....	137.1	140.1	140.5	797.4	817.2	825.4	449.8	446.1	454.4
Baltimore PMSA .....	73.4	75.5	75.7	410.5	417.0	421.0	220.6	220.4	223.6
Baltimore City .....	32.7	34.1	34.2	155.7	163.2	165.3	86.8	86.4	86.6
Suburban Maryland-D.C. ....	52.1	53.0	53.2	308.2	323.2	325.7	178.1	177.9	181.2
<b>Massachusetts</b> .....	224.3	227.3	227.9	1,140.8	1,165.2	1,175.0	422.4	428.1	427.7
Barnstable-Yarmouth .....	3.1	3.2	3.2	18.1	18.1	18.5	7.7	7.9	8.4
Boston .....	168.8	171.4	172.0	769.4	781.9	788.5	236.7	240.5	241.2
Brockton .....	3.1	3.1	3.1	25.5	26.4	26.5	16.6	17.1	17.1
Fitchburg-Leominster .....	1.5	1.5	1.5	13.1	12.9	13.0	7.7	7.9	7.8
Lawrence .....	5.2	5.5	5.5	44.0	45.1	45.5	19.7	20.1	20.2
Lowell .....	3.4	3.5	3.5	34.6	35.6	35.8	16.1	16.3	16.6
New Bedford .....	1.9	2.0	2.0	16.7	17.0	17.2	10.1	10.2	10.3
Pittsfield .....	1.9	1.9	1.9	13.8	14.1	14.0	5.2	5.2	5.4
Springfield .....	13.2	13.1	13.0	78.8	79.0	79.5	46.9	47.6	47.5
Worcester .....	15.1	14.6	14.7	70.0	73.9	74.2	36.0	33.1	33.5
<b>Michigan</b> .....	205.2	206.2	205.8	1,217.4	1,232.2	1,239.2	686.5	692.1	700.2
Ann Arbor .....	9.9	10.0	10.1	68.4	69.5	70.0	75.4	76.7	76.6
Benton Harbor .....	2.4	2.4	2.4	19.2	19.5	19.6	9.1	9.5	9.5
Detroit .....	112.3	111.9	111.9	655.3	669.1	674.1	238.5	237.9	240.0
Flint .....	6.3	6.4	6.4	48.5	49.4	49.6	26.1	25.6	25.8
Grand Rapids-Muskegon-Holland .....	21.9	22.4	22.4	141.1	142.8	144.1	57.5	58.9	59.1
Jackson .....	1.9	2.0	2.0	15.0	15.2	15.4	10.4	10.7	10.7
Kalamazoo-Battle Creek .....	10.5	10.6	10.6	54.9	55.1	55.6	36.9	36.6	36.8
Lansing-East Lansing .....	14.4	14.7	14.7	58.5	59.3	59.7	65.9	68.4	68.7
Saginaw-Bay City-Midland .....	6.7	6.8	6.8	47.6	48.8	49.1	23.2	23.6	23.8
<b>Minnesota</b> .....	158.5	160.2	160.9	732.7	754.4	758.9	395.2	400.5	401.1
Duluth-Superior .....	3.4	3.4	3.4	33.5	34.5	34.7	23.5	23.9	24.0
Minneapolis-St. Paul .....	125.3	128.5	128.6	489.5	505.4	509.3	232.4	237.7	239.4
Rochester .....	2.4	2.5	2.5	36.1	38.3	38.7	7.6	7.9	7.9
St. Cloud .....	3.2	3.5	3.5	23.6	24.8	25.1	13.6	14.3	14.2
<b>Mississippi</b> .....	42.5	42.2	41.9	265.0	271.1	272.2	227.4	232.5	233.7
Jackson .....	16.6	15.6	15.5	58.8	61.4	61.5	48.3	47.5	47.5
<b>Missouri</b> .....	164.6	165.6	165.6	757.8	763.8	776.0	428.0	431.0	437.1
Kansas City .....	70.3	70.8	71.3	282.7	285.6	287.9	136.0	138.0	139.6
St. Louis .....	83.3	84.3	83.9	410.2	416.6	420.3	159.7	158.7	160.2
Springfield .....	8.6	8.9	8.8	48.1	48.8	49.0	20.8	20.8	22.0
<b>Montana</b> .....	17.2	17.6	17.6	108.4	113.4	114.4	81.0	80.5	83.0
<b>Nebraska</b> .....	60.4	61.2	61.2	238.4	241.4	241.8	152.7	154.9	156.4
Lincoln .....	10.6	11.0	10.9	39.8	41.7	42.1	33.7	34.1	34.5
Omaha .....	35.4	36.2	36.2	133.4	134.6	134.6	49.9	51.3	51.0
<b>Nevada</b> .....	43.7	44.5	44.6	414.4	434.8	436.7	119.8	120.7	122.5
Las Vegas .....	33.3	34.0	34.1	313.3	330.4	331.8	76.1	78.3	79.4
Reno .....	8.1	8.1	8.2	71.8	74.2	74.5	24.5	24.6	24.9
<b>New Hampshire</b> .....	31.9	32.6	32.8	172.9	177.5	176.7	83.7	85.9	86.5
Manchester .....	7.7	7.7	7.5	33.0	33.3	33.1	11.5	11.4	11.2
Nashua .....	5.0	4.4	4.4	23.8	23.8	24.0	8.9	8.8	8.8
Portsmouth-Rochester .....	6.2	6.6	6.6	31.0	31.5	31.7	22.1	22.6	22.4
<b>New Jersey</b> .....	252.5	257.8	258.3	1,238.2	1,252.3	1,267.4	578.0	580.8	584.8
Atlantic-Cape May .....	5.8	5.9	6.0	86.0	85.1	86.1	28.8	28.9	29.0
Bergen-Passaic .....	37.7	38.3	38.7	209.5	210.5	212.7	71.6	71.9	72.5
Camden .....	26.6	27.0	27.0	153.6	154.7	155.9	81.0	81.1	81.5
Jersey City .....	27.5	28.6	28.5	60.1	60.7	61.3	38.7	38.3	38.5
Middlesex-Somerset-Hunterdon .....	46.0	47.9	47.9	195.9	201.6	203.2	80.4	81.5	81.8
Monmouth-Ocean .....	18.5	18.6	18.7	128.8	129.7	132.2	63.8	63.9	64.7
Newark .....	75.5	77.2	77.6	309.9	316.4	319.1	143.7	143.9	144.7
Trenton .....	11.0	11.2	11.2	74.9	75.2	75.8	51.9	52.3	52.2
Vineland-Millville-Bridgeton .....	2.9	2.7	2.8	12.8	13.0	12.9	14.2	14.3	14.5
<b>New Mexico</b> .....	32.9	32.8	32.9	207.8	212.6	214.4	182.0	183.9	187.0
Albuquerque .....	18.8	19.2	19.2	108.4	111.7	112.7	67.0	67.8	68.5
Las Cruces .....	2.1	2.1	2.1	14.3	15.3	15.4	18.8	19.2	19.6
Santa Fe .....	3.6	3.5	3.6	21.5	21.8	22.1	25.5	25.7	25.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Total			Mining			Construction		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>New York</b> .....	8,329.6	8,429.5	8,503.8	3.9	3.8	4.0	273.6	287.4	295.3
Albany-Schenectady-Troy .....	443.9	449.4	450.8	.4	.4	.4	14.5	14.9	15.1
Binghamton .....	116.2	117.8	118.4	(1)	(1)	(1)	3.6	3.6	3.7
Buffalo-Niagara Falls .....	545.0	546.3	548.7	(1)	(1)	(1)	17.0	17.4	17.6
Dutchess County .....	110.7	114.0	114.7	(1)	(1)	(1)	4.0	4.2	4.4
Elmira .....	44.2	44.3	43.9	(1)	(1)	(1)	1.7	1.8	1.8
Glens Falls .....	48.1	48.9	48.9	(1)	(1)	(1)	1.8	1.8	1.8
Nassau-Suffolk .....	1,168.2	1,186.0	1,201.8	(1)	(1)	(1)	53.4	55.4	57.7
New York PMSA .....	4,113.2	4,160.0	4,198.0	(1)	(1)	(1)	132.0	139.1	143.1
New York City .....	3,583.8	3,621.7	3,655.1	.3	.3	.3	105.0	110.5	113.4
Newburgh .....	126.8	128.2	129.2	(1)	(1)	(1)	4.3	4.3	4.4
Rochester .....	538.9	545.7	547.7	.3	.3	.3	16.5	17.3	17.6
Rockland County .....	107.5	110.1	110.8	(1)	(1)	(1)	4.4	4.5	4.6
Syracuse .....	341.5	346.3	349.4	(1)	(1)	(1)	11.3	11.7	12.5
Utica-Rome .....	130.5	133.6	134.3	(1)	(1)	(1)	2.8	2.8	2.9
Westchester County .....	400.0	406.1	409.6	(1)	(1)	(1)	20.6	22.2	23.0
<b>North Carolina</b> .....	3,836.1	3,876.4	3,904.9	4.1	3.9	4.0	216.9	220.6	224.0
Asheville .....	111.4	110.4	111.7	(1)	(1)	(1)	6.8	7.0	7.2
Charlotte-Gastonia-Rock Hill .....	807.5	818.4	820.9	(1)	(1)	(1)	50.2	52.0	52.3
Greensboro-Winston-Salem-High Point .....	660.0	666.3	670.0	(1)	(1)	(1)	33.7	34.0	34.3
Raleigh-Durham-Chapel Hill .....	661.5	676.6	679.4	(1)	(1)	(1)	39.2	40.3	40.7
<b>North Dakota</b> .....	315.7	319.3	320.6	3.0	3.2	3.3	12.2	13.4	13.6
Bismarck .....	49.8	50.6	50.8	(1)	(1)	(1)	2.1	2.4	2.4
Fargo-Moorhead .....	98.9	100.0	99.8	(1)	(1)	(1)	4.6	4.9	5.0
Grand Forks .....	47.6	48.0	47.8	(1)	(1)	(1)	2.3	2.1	2.2
<b>Ohio</b> .....	5,469.2	5,499.4	5,534.2	12.9	12.4	12.6	215.9	211.4	216.8
Akron .....	324.9	331.1	333.2	.6	.6	.6	12.2	12.3	12.5
Canton-Massillon .....	181.7	185.5	186.6	.5	.6	.6	7.9	8.1	8.2
Cincinnati .....	861.1	875.4	881.8	.7	.7	.7	38.5	38.0	38.9
Cleveland-Lorain-Elyria .....	1,151.9	1,155.8	1,161.6	.8	.8	.8	40.7	39.8	40.9
Columbus .....	845.8	852.2	857.8	.7	.6	.6	35.2	36.1	37.2
Dayton-Springfield .....	477.3	478.1	479.0	.3	.3	.2	16.5	17.1	17.4
Hamilton-Middletown .....	127.1	128.8	129.0	(1)	(1)	(1)	7.6	7.5	7.7
Lima .....	79.6	79.7	80.5	(1)	(1)	(1)	4.1	3.6	3.8
Mansfield .....	80.5	81.0	81.3	(1)	(1)	(1)	2.3	2.6	2.6
Steubenville-Weirton .....	50.6	49.9	50.7	.4	.4	.4	1.5	1.6	1.7
Toledo .....	323.4	327.3	329.4	.2	.1	.2	15.5	14.9	15.3
Youngstown-Warren .....	243.5	244.8	245.8	.4	.4	.4	9.5	9.3	9.6
<b>Oklahoma</b> .....	1,452.8	1,470.4	1,479.1	29.6	27.5	27.7	56.3	57.7	58.7
Enid .....	24.3	24.1	24.1	.7	.6	.6	.8	.8	.8
Lawton .....	38.2	38.7	38.8	.1	.1	.1	1.4	1.6	1.6
Oklahoma City .....	526.0	535.5	538.6	6.6	5.9	5.8	20.8	21.4	21.5
Tulsa .....	390.1	392.7	394.9	7.7	7.1	7.1	17.3	18.2	18.6
<b>Oregon</b> .....	1,550.9	1,573.3	1,577.1	1.7	1.7	1.7	77.6	79.9	79.7
Eugene-Springfield .....	140.6	141.7	142.6	.2	.2	.1	6.9	6.5	6.5
Medford-Ashland .....	68.7	71.6	72.0	.1	.1	.1	3.1	3.3	3.4
Portland-Vancouver .....	933.5	957.7	959.5	1.1	1.1	1.1	49.9	50.8	50.7
Salem .....	133.9	134.0	134.8	.2	.3	.3	6.9	7.1	7.2
<b>Pennsylvania</b> .....	5,519.7	5,534.0	5,574.8	19.8	18.7	19.0	213.0	217.7	224.5
Allentown-Bethlehem-Easton .....	275.2	276.2	278.7	(1)	(1)	(1)	11.1	11.5	12.0
Altoona .....	59.0	59.9	60.5	(1)	(1)	(1)	2.7	2.7	2.7
Erie .....	132.2	132.5	133.6	(1)	(1)	(1)	4.1	3.9	4.1
Harrisburg-Lebanon-Carlisle .....	355.5	354.3	356.7	(1)	(1)	(1)	13.1	13.1	13.5
Johnstown .....	87.0	87.5	87.5	(1)	(1)	(1)	3.9	4.0	4.1
Lancaster .....	218.2	221.1	222.8	.4	.4	.4	13.0	13.2	13.5
Philadelphia PMSA .....	2,339.7	2,368.1	2,382.5	(1)	(1)	(1)	88.7	87.9	92.1
Philadelphia City .....	678.6	684.0	683.3	(1)	(1)	(1)	11.7	10.7	11.1
Pittsburgh .....	1,088.8	1,091.2	1,098.9	4.6	4.4	4.5	47.7	48.8	51.5
Reading .....	165.3	167.4	168.4	(1)	(1)	(1)	6.7	6.3	6.7
Scranton-Wilkes-Barre-Hazleton .....	275.6	276.2	279.5	.3	.3	.3	9.4	9.4	10.0
Sharon .....	49.5	49.5	49.8	(1)	(1)	(1)	1.4	1.6	1.6
State College .....	68.4	70.7	70.8	(1)	(1)	(1)	2.1	2.0	2.2
Williamsport .....	53.7	54.0	54.3	(1)	(1)	(1)	2.0	1.9	2.0
York .....	167.3	166.4	167.6	.4	.4	.4	8.8	8.7	8.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>New York</b> .....	889.8	880.7	882.5	413.4	416.7	418.9	1,660.2	1,684.6	1,696.1
Albany-Schenectady-Troy .....	38.0	38.2	38.2	17.1	18.0	18.1	92.4	91.6	91.8
Binghamton .....	25.1	24.7	24.8	5.0	5.0	5.0	24.3	25.0	25.1
Buffalo-Niagara Falls .....	86.8	85.7	85.5	25.0	25.6	25.9	125.7	126.9	127.1
Dutchess County .....	17.1	17.3	17.4	4.1	4.2	4.2	20.7	21.5	21.6
Elmira .....	9.8	9.4	8.8	1.5	1.5	1.5	10.1	9.8	9.9
Glens Falls .....	8.0	7.8	7.8	1.4	1.4	1.4	10.8	11.2	11.2
Nassau-Suffolk .....	112.8	113.2	113.9	54.4	56.1	56.8	295.7	300.1	304.8
New York PMSA .....	300.9	295.2	296.8	233.6	234.7	235.5	711.6	720.8	725.8
New York City .....	250.9	245.6	247.2	206.3	207.1	207.8	596.8	604.1	608.8
Newburgh .....	11.4	11.5	11.6	7.5	7.6	7.7	33.9	34.9	35.0
Rochester .....	117.9	115.3	115.1	17.8	18.4	18.5	112.9	116.8	117.1
Rockland County .....	11.6	11.6	11.6	6.0	6.0	6.1	24.3	25.3	25.4
Syracuse .....	50.0	50.6	50.5	19.9	20.5	20.9	77.3	77.0	77.7
Utica-Rome .....	19.5	19.6	19.5	4.0	4.2	4.3	26.2	27.2	27.4
Westchester County .....	36.4	36.0	36.2	20.6	20.9	21.0	86.1	86.8	86.9
<b>North Carolina</b> .....	808.2	790.0	789.0	172.5	177.3	178.4	861.9	867.6	875.5
Asheville .....	18.5	18.1	18.0	4.9	5.2	5.2	26.8	25.8	26.1
Charlotte-Gastonia-Rock Hill .....	139.5	135.5	135.6	53.1	55.3	55.5	193.2	192.7	192.6
Greensboro-Winston-Salem-High Point .....	159.9	156.0	155.7	34.5	35.6	36.0	147.7	147.7	148.2
Raleigh-Durham-Chapel Hill .....	83.6	83.8	84.0	29.0	30.0	30.4	138.6	141.8	142.2
<b>North Dakota</b> .....	23.6	23.6	23.7	18.2	18.3	18.3	78.9	79.9	79.7
Bismarck .....	2.8	3.0	3.0	3.2	3.2	3.2	11.9	12.3	12.3
Fargo-Moorhead .....	7.9	7.8	7.8	5.0	5.1	5.1	27.7	28.2	27.9
Grand Forks .....	3.8	3.9	3.8	2.1	2.0	2.0	12.8	12.9	12.9
<b>Ohio</b> .....	1,087.7	1,080.4	1,079.8	240.4	242.9	243.7	1,310.8	1,308.3	1,319.9
Akron .....	64.7	65.3	65.5	14.8	15.9	16.0	80.5	82.4	83.1
Canton-Massillon .....	46.8	46.9	46.8	4.9	5.1	5.2	44.3	46.0	46.4
Cincinnati .....	140.9	141.0	141.7	47.7	49.8	49.7	215.9	219.6	221.6
Cleveland-Lorain-Elyria .....	223.7	221.7	221.5	45.3	45.3	45.6	271.1	271.1	272.7
Columbus .....	93.3	92.8	92.4	40.0	40.1	40.2	219.1	217.0	217.9
Dayton-Springfield .....	95.9	94.6	94.5	21.1	21.9	21.8	110.2	109.3	109.7
Hamilton-Middletown .....	23.1	23.3	23.3	4.8	4.9	4.8	33.3	32.9	33.2
Lima .....	20.2	19.9	20.0	3.3	3.3	3.3	18.2	18.4	18.7
Mansfield .....	23.4	22.6	22.6	3.4	3.4	3.4	18.0	18.3	18.4
Steubenville-Weirton .....	13.5	13.4	13.3	2.6	2.5	2.5	10.3	10.1	10.2
Toledo .....	60.8	61.7	61.8	14.8	15.3	15.2	78.4	79.2	79.6
Youngstown-Warren .....	54.6	54.3	54.0	10.0	10.0	10.0	61.0	62.1	62.4
<b>Oklahoma</b> .....	183.4	183.5	183.6	81.2	81.2	81.3	332.2	337.0	340.0
Enid .....	2.4	2.6	2.6	2.2	2.2	2.2	6.2	6.2	6.2
Lawton .....	3.8	3.8	3.8	1.6	1.6	1.6	8.9	8.8	9.0
Oklahoma City .....	54.5	57.3	57.3	24.4	25.0	24.9	122.5	122.7	124.0
Tulsa .....	56.8	54.9	55.0	32.1	32.4	32.4	89.9	90.0	90.8
<b>Oregon</b> .....	238.4	238.4	238.4	76.6	78.1	79.1	377.5	380.8	380.8
Eugene-Springfield .....	22.5	23.3	23.4	4.2	4.1	4.1	34.4	35.0	35.1
Medford-Ashland .....	8.6	9.1	9.1	3.6	3.8	3.8	19.3	20.0	20.0
Portland-Vancouver .....	144.7	144.3	144.3	54.1	56.1	56.3	229.1	234.6	235.3
Salem .....	17.1	16.2	16.2	3.9	4.0	3.9	27.8	27.9	28.1
<b>Pennsylvania</b> .....	929.0	923.0	926.0	290.3	295.8	296.6	1,221.4	1,227.4	1,234.9
Allentown-Bethlehem-Easton .....	55.1	54.4	54.1	15.8	16.1	16.3	58.4	58.3	58.8
Altoona .....	10.4	10.2	10.2	4.2	4.3	4.4	15.5	15.9	16.0
Erie .....	34.5	33.4	33.5	4.7	4.7	4.7	29.2	30.1	30.1
Harrisburg-Lebanon-Carlisle .....	45.4	43.7	43.9	24.2	24.4	24.5	79.9	80.1	80.7
Johnstown .....	13.1	13.1	12.9	5.1	5.3	5.3	20.2	20.1	20.2
Lancaster .....	57.0	57.0	56.9	8.2	8.3	8.4	53.5	54.8	55.3
Philadelphia PMSA .....	301.5	305.0	306.6	114.1	115.3	115.0	509.4	510.9	514.2
Philadelphia City .....	57.6	56.5	56.6	35.1	35.1	34.8	114.7	116.0	116.5
Pittsburgh .....	137.9	137.2	138.1	68.5	69.1	69.2	254.1	255.6	256.3
Reading .....	41.6	42.9	42.6	8.8	8.9	9.0	38.3	38.1	37.9
Scranton-Wilkes-Barre-Hazleton .....	53.6	53.2	53.5	16.6	16.4	16.5	64.4	64.6	65.2
Sharon .....	12.0	10.9	10.9	1.9	2.0	2.0	12.2	12.7	12.8
State College .....	8.5	8.5	8.5	2.2	2.3	2.3	12.9	13.1	13.1
Williamsport .....	13.5	13.6	13.6	2.0	1.9	1.9	12.7	12.9	13.0
York .....	46.7	45.9	46.0	8.2	8.0	7.9	39.9	40.2	40.6

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>New York</b> .....	742.6	746.5	748.0	2,888.6	2,952.0	2,984.5	1,457.5	1,457.8	1,474.5
Albany-Schenectady-Troy .....	26.1	26.1	26.2	143.8	147.6	148.4	111.6	112.6	112.6
Binghamton .....	3.8	4.6	4.6	31.4	32.2	32.1	23.0	22.7	23.1
Buffalo-Niagara Falls .....	30.2	30.6	30.6	170.2	170.9	171.8	90.1	89.2	90.2
Dutchess County .....	4.6	5.0	5.0	37.1	39.0	39.3	23.1	22.8	22.8
Elmira .....	1.2	1.2	1.2	12.5	13.1	13.1	7.4	7.5	7.6
Glens Falls .....	2.4	2.5	2.5	13.5	13.6	13.4	10.2	10.6	10.8
Nassau-Suffolk .....	82.9	83.7	83.9	379.7	384.4	390.1	189.3	193.1	194.6
New York PMSA .....	519.9	522.3	522.8	1,567.7	1,601.9	1,620.6	647.5	646.0	653.4
New York City .....	485.7	487.4	487.8	1,376.4	1,406.4	1,422.8	562.4	560.3	567.0
Newburgh .....	5.9	5.9	5.9	35.1	35.7	35.9	28.7	28.3	28.7
Rochester .....	20.9	20.8	20.8	167.1	171.1	172.3	85.5	85.7	86.0
Rockland County .....	5.7	5.8	5.9	36.0	37.0	37.2	19.5	19.9	20.0
Syracuse .....	17.8	18.3	18.3	104.0	106.2	107.0	61.2	62.0	62.5
Utica-Rome .....	8.3	7.8	7.9	41.4	43.6	43.6	28.3	28.4	28.7
Westchester County .....	27.4	27.8	27.9	147.7	150.9	153.0	61.2	61.5	61.6
<b>North Carolina</b> .....	184.8	186.2	187.1	967.6	1,005.3	1,014.1	620.1	625.5	632.8
Asheville .....	3.9	4.2	4.2	34.4	33.9	34.3	16.1	16.2	16.7
Charlotte-Gastonia-Rock Hill .....	65.4	64.8	64.8	210.4	219.3	220.0	95.7	98.8	100.1
Greensboro-Winston-Salem-High Point .....	35.4	34.8	35.0	176.2	182.2	183.7	72.6	76.0	77.1
Raleigh-Durham-Chapel Hill .....	31.3	32.1	32.2	211.7	218.6	220.1	128.1	130.0	129.8
<b>North Dakota</b> .....	16.1	16.0	16.1	90.0	90.7	91.2	73.7	74.2	74.7
Bismarck .....	2.4	2.3	2.4	16.6	16.5	16.5	10.8	10.9	11.0
Fargo-Moorhead .....	7.0	6.9	6.9	30.6	31.0	31.2	16.1	16.1	15.9
Grand Forks .....	1.4	1.4	1.4	12.5	12.4	12.4	12.7	13.3	13.1
<b>Ohio</b> .....	302.3	309.6	311.5	1,513.3	1,540.4	1,549.9	785.9	794.0	800.0
Akron .....	13.5	13.7	13.8	88.8	91.5	92.5	49.8	49.4	49.2
Canton-Massillon .....	6.5	6.6	6.8	50.0	51.3	51.7	20.8	20.9	20.9
Cincinnati .....	54.0	56.1	56.3	259.6	264.0	265.6	103.8	106.2	107.3
Cleveland-Lorain-Elyria .....	78.4	79.5	79.6	345.5	349.1	351.2	146.4	148.5	149.3
Columbus .....	76.6	79.4	79.6	241.1	244.6	246.6	139.8	141.6	143.3
Dayton-Springfield .....	18.9	18.5	18.7	142.0	144.6	144.5	72.4	71.8	72.2
Hamilton-Middletown .....	7.5	7.6	7.6	29.2	30.6	30.4	21.6	22.0	22.0
Lima .....	2.0	2.1	2.1	21.3	21.9	22.1	10.5	10.5	10.5
Mansfield .....	2.5	2.4	2.4	19.5	20.3	20.4	11.4	11.4	11.5
Steubenville-Weirton .....	1.4	1.4	1.4	14.4	14.0	14.6	6.5	6.5	6.6
Toledo .....	11.2	11.3	11.2	93.4	95.1	95.8	49.1	49.7	50.3
Youngstown-Warren .....	9.2	9.3	9.3	66.2	67.2	67.5	32.6	32.2	32.6
<b>Oklahoma</b> .....	72.0	74.0	74.3	411.7	420.8	422.7	286.4	288.7	290.8
Enid .....	1.1	1.1	1.1	6.8	6.5	6.5	4.1	4.1	4.1
Lawton .....	1.7	1.7	1.7	8.7	9.2	9.2	12.0	11.9	11.8
Oklahoma City .....	29.1	30.2	30.2	162.5	165.7	166.6	105.6	107.3	108.3
Tulsa .....	21.0	22.1	22.3	121.8	124.6	125.0	43.5	43.4	43.7
<b>Oregon</b> .....	95.3	93.9	94.1	418.2	432.3	434.0	265.6	268.2	269.3
Eugene-Springfield .....	7.2	7.2	7.3	38.2	38.5	38.8	27.0	26.9	27.3
Medford-Ashland .....	3.1	3.2	3.2	19.4	20.1	20.3	11.5	12.0	12.1
Portland-Vancouver .....	66.4	66.1	66.2	264.9	275.4	276.5	123.3	129.3	129.1
Salem .....	7.0	6.7	6.7	31.9	32.4	33.0	39.1	39.4	39.4
<b>Pennsylvania</b> .....	322.0	321.8	322.8	1,798.2	1,795.9	1,809.7	726.0	733.7	741.3
Allentown-Bethlehem-Easton .....	14.3	14.6	14.7	88.4	89.5	90.7	32.1	31.8	32.1
Altoona .....	1.7	1.7	1.7	15.8	16.4	16.7	8.7	8.7	8.8
Erie .....	5.4	5.5	5.5	38.1	39.0	39.7	16.2	15.9	16.0
Harrisburg-Lebanon-Carlisle .....	24.4	24.2	24.1	100.5	101.1	101.8	68.0	67.7	68.2
Johnstown .....	4.0	4.1	4.1	26.4	26.5	26.3	14.3	14.4	14.6
Lancaster .....	9.9	10.4	10.4	56.6	57.2	57.9	19.6	19.8	20.0
Philadelphia PMSA .....	162.4	163.5	164.2	863.3	884.5	887.9	300.3	301.0	302.5
Philadelphia City .....	50.3	49.1	48.9	290.5	297.2	295.4	118.7	119.4	120.0
Pittsburgh .....	66.4	67.0	67.0	384.3	384.3	386.4	125.3	124.8	125.9
Reading .....	8.4	8.4	8.4	41.9	42.7	43.3	19.6	20.1	20.5
Scranton-Wilkes-Barre-Hazleton .....	13.8	14.2	14.3	81.8	81.8	83.0	35.7	36.3	36.7
Sharon .....	1.6	1.5	1.5	14.6	15.1	15.2	5.8	5.7	5.8
State College .....	2.1	2.2	2.2	14.0	14.4	14.4	26.6	28.2	28.1
Williamsport .....	2.3	2.3	2.3	14.8	15.1	15.1	6.4	6.3	6.4
York .....	5.2	5.3	5.2	41.2	41.4	41.8	16.9	16.5	16.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Total			Mining			Construction		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Rhode Island</b> .....	453.4	460.0	461.9	.2	.1	.2	15.0	15.7	16.5
Providence-Fall River-Warwick .....	511.8	511.0	512.8	.2	.2	.3	16.6	16.2	17.2
<b>South Carolina</b> .....	1,815.6	1,839.6	1,860.1	1.9	1.9	1.9	111.3	116.2	117.7
Charleston-North Charleston .....	238.9	248.7	251.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.3	19.2	19.3
Columbia .....	298.9	304.6	306.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.9	17.8	18.0
Greenville-Spartanburg-Anderson .....	475.5	477.1	481.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	31.6	32.0	32.5
<b>South Dakota</b> .....	361.9	372.1	375.1	1.2	1.0	1.1	14.1	15.2	16.0
Rapid City .....	47.6	48.9	49.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.7	2.8
Sioux Falls .....	108.2	111.4	111.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	4.9	5.0
<b>Tennessee</b> .....	2,654.9	2,668.7	2,705.1	4.3	4.2	4.2	117.8	118.9	121.4
Chattanooga .....	226.4	229.2	231.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.3	9.1	9.3
Johnson City-Kingsport-Bristol .....	197.8	197.9	199.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.1	10.9	11.1
Knoxville .....	327.2	326.1	329.8	.6	.5	.5	16.2	16.1	16.5
Memphis .....	581.6	591.3	595.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.9	27.0	27.4
Nashville .....	662.2	670.6	681.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	31.8	31.5	32.4
<b>Texas</b> .....	9,097.3	9,253.4	9,319.0	150.3	143.8	143.8	518.6	539.2	544.5
Abilene .....	55.6	56.8	57.0	.7	.7	.7	2.3	2.4	2.3
Amarillo .....	97.4	98.2	98.8	.6	.6	.6	4.9	5.5	5.5
Austin-San Marcos .....	624.2	652.1	656.1	1.3	1.3	1.3	35.3	38.0	38.4
Beaumont-Port Arthur .....	160.0	156.7	156.5	1.0	.9	.9	17.1	15.3	15.4
Brazoria .....	74.4	74.1	74.4	1.4	1.3	1.3	9.5	10.0	10.0
Brownsville-Harlingen-San Benito .....	102.0	105.0	106.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.8	3.9
Bryan-College Station .....	75.2	76.1	77.1	.8	.7	.7	3.3	3.3	3.3
Corpus Christi .....	158.2	157.4	158.7	2.2	2.0	2.0	12.8	12.8	12.9
Dallas .....	1,885.7	1,927.9	1,941.1	10.2	9.8	9.8	95.3	101.3	103.4
El Paso .....	248.8	252.9	254.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.3	13.2	13.5
Ft. Worth-Arlington .....	755.8	775.3	782.0	4.4	4.0	3.9	39.4	41.4	42.0
Galveston-Texas City .....	89.0	88.8	88.9	.5	.5	.5	4.7	4.7	4.6
Houston .....	2,023.3	2,050.8	2,066.1	65.5	62.3	62.4	145.6	150.7	153.0
Killeen-Temple .....	101.1	102.5	103.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.6	4.8
Laredo .....	64.2	66.1	66.9	1.2	.9	.9	2.3	2.5	2.6
Longview-Marshall .....	90.7	90.5	90.8	3.2	3.1	3.1	4.5	4.4	4.5
Lubbock .....	116.3	120.4	120.8	.1	.1	.1	4.3	4.2	4.2
McAllen-Edinburg-Mission .....	145.3	152.1	153.4	1.2	1.2	1.2	7.2	8.3	8.3
Odessa-Midland .....	100.0	99.2	99.6	10.9	10.9	10.8	5.8	4.9	4.9
San Angelo .....	43.1	43.2	43.5	.5	.6	.6	2.0	2.1	2.2
San Antonio .....	695.6	711.9	714.1	2.0	2.0	2.0	37.6	38.3	38.4
Sherman-Denison .....	44.6	45.9	46.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.8	2.8
Texarkana .....	51.8	52.3	52.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.1	2.1
Tyler .....	79.5	81.3	81.7	1.3	1.3	1.3	3.4	3.5	3.6
Victoria .....	35.7	36.9	36.9	1.6	1.6	1.6	2.4	2.6	2.6
Waco .....	99.1	101.3	101.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.4	5.5
Wichita Falls .....	59.6	58.5	59.0	.9	.9	.9	2.3	2.1	2.1
<b>Utah</b> .....	1,035.5	1,052.6	1,059.9	7.5	7.7	7.7	67.3	70.1	71.4
Provo-Orem .....	145.3	147.3	148.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.8	9.8	9.9
Salt Lake City-Ogden .....	693.2	706.0	710.6	2.8	2.9	2.9	44.1	46.0	46.6
<b>Vermont</b> .....	289.1	295.0	296.4	.5	.4	.5	12.0	12.9	12.9
Barre-Montpelier .....	31.7	32.4	33.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.2	1.4
Burlington .....	102.0	104.7	105.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.5	5.5
<b>Virginia</b> .....	3,367.6	3,418.3	3,442.6	10.5	9.8	9.8	189.2	194.8	197.8
Bristol .....	37.8	39.0	39.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.3	1.3
Charlottesville .....	84.3	86.5	88.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	4.7	4.8
Danville .....	45.6	46.6	46.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.0	2.1
Lynchburg .....	101.1	103.2	103.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.8	5.9	6.0
Norfolk-Virginia Beach-Newport News .....	682.9	685.3	691.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	40.3	41.7	42.4
Northern Virginia .....	1,059.9	1,098.1	1,105.4	.8	.8	.8	59.2	63.1	64.4
Richmond-Petersburg .....	542.6	553.0	555.9	.9	.9	.9	33.6	33.7	34.3
Roanoke .....	142.4	142.8	143.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.6	8.8	8.9
<b>Washington</b> .....	2,610.1	2,614.9	2,653.3	3.3	3.2	3.2	142.1	146.9	149.6
Seattle-Bellevue-Everett .....	1,369.4	1,370.9	1,392.9	.7	.7	.7	73.1	75.7	76.3
Spokane .....	188.7	189.7	192.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.8	9.7	10.3
Tacoma .....	237.5	239.0	240.4	.2	.2	.2	14.3	14.1	14.1

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Rhode Island</b> .....	75.0	73.8	74.0	15.9	15.5	15.6	97.9	102.5	102.1
Providence-Fall River-Warwick .....	96.6	95.8	95.8	18.1	17.5	17.7	115.7	117.4	117.0
<b>South Carolina</b> .....	345.7	342.9	342.5	86.5	88.4	89.0	431.7	436.9	443.3
Charleston-North Charleston .....	22.0	22.7	22.8	12.8	13.6	13.6	59.1	61.2	62.1
Columbia .....	27.1	27.0	27.0	13.2	13.6	13.6	66.6	69.8	70.2
Greenville-Spartanburg-Anderson .....	119.5	117.1	117.8	19.9	20.3	20.5	121.1	122.8	124.1
<b>South Dakota</b> .....	49.3	49.7	49.9	16.6	16.9	17.0	87.1	89.4	89.7
Rapid City .....	4.5	4.3	4.4	2.0	2.1	2.1	13.3	14.1	14.3
Sioux Falls .....	14.7	14.4	14.4	6.8	6.6	6.6	26.6	27.2	27.1
<b>Tennessee</b> .....	509.4	507.4	507.4	169.3	169.3	170.0	621.2	620.2	627.7
Chattanooga .....	43.5	44.6	44.8	17.8	19.1	19.1	48.6	48.7	49.3
Johnson City-Kingsport-Bristol .....	48.6	47.2	47.0	7.9	8.3	8.3	45.4	45.5	45.6
Knoxville .....	49.1	49.2	49.5	14.9	14.6	14.6	86.9	86.7	87.3
Memphis .....	64.0	62.2	62.5	69.3	71.7	72.4	143.2	147.1	147.9
Nashville .....	95.9	97.9	98.1	33.5	34.6	34.7	160.1	161.5	163.9
<b>Texas</b> .....	1,090.8	1,079.2	1,080.3	555.1	572.9	574.5	2,142.0	2,188.5	2,210.3
Abilene .....	3.6	3.6	3.6	2.4	2.6	2.6	14.6	14.7	14.7
Amarillo .....	9.3	8.9	8.9	5.3	5.4	5.4	26.9	26.7	26.9
Austin-San Marcos .....	78.7	82.2	82.0	20.6	22.8	22.9	137.4	144.2	145.3
Beaumont-Port Arthur .....	24.7	23.5	23.3	7.7	7.7	7.6	36.2	36.3	36.2
Brazoria .....	15.2	13.4	13.6	2.7	2.7	2.7	15.1	15.6	15.5
Brownsville-Harlingen-San Benito .....	12.4	12.3	12.6	5.1	5.3	5.3	24.9	25.6	26.2
Bryan-College Station .....	4.8	5.3	5.4	1.6	1.6	1.6	15.4	15.5	15.6
Corpus Christi .....	13.2	13.2	13.2	6.6	6.8	6.8	36.7	36.2	36.8
Dallas .....	251.3	247.5	248.4	128.4	131.3	131.9	455.1	465.2	468.5
El Paso .....	39.4	38.7	38.8	14.3	15.6	15.7	58.6	58.8	59.2
Ft. Worth-Arlington .....	111.3	111.8	112.2	73.4	76.4	77.1	187.2	192.0	193.8
Galveston-Texas City .....	8.4	8.0	8.0	3.6	3.6	3.6	20.0	20.6	20.6
Houston .....	214.2	204.8	205.3	146.2	149.1	148.7	456.4	468.9	473.0
Killeen-Temple .....	9.4	9.4	9.4	3.4	3.5	3.5	23.7	24.0	24.2
Laredo .....	1.8	2.0	2.0	1.4	1.2	1.2	17.1	17.4	17.6
Longview-Marshall .....	18.9	18.1	18.0	4.0	4.0	4.1	22.8	22.6	22.6
Lubbock .....	7.0	7.2	7.1	6.1	6.6	6.6	32.3	32.9	33.1
McAllen-Edinburg-Mission .....	12.9	13.0	12.8	5.4	6.1	6.3	40.0	41.1	41.4
Odessa-Midland .....	6.4	6.4	6.5	3.8	3.9	3.9	26.9	26.9	27.0
San Angelo .....	4.6	4.7	4.7	2.8	2.8	2.8	10.2	10.0	10.1
San Antonio .....	53.5	54.3	54.3	33.5	34.8	34.8	167.1	171.8	172.4
Sherman-Denison .....	9.8	9.9	9.9	1.6	1.7	1.8	9.9	9.9	9.9
Texarkana .....	5.7	5.8	5.8	2.6	2.7	2.7	13.9	13.8	13.9
Tyler .....	10.9	11.5	11.4	3.4	3.4	3.4	21.4	22.1	22.2
Victoria .....	3.1	3.0	3.0	1.5	1.6	1.6	9.5	9.6	9.7
Waco .....	16.5	16.4	16.4	4.2	4.6	4.6	21.9	22.4	22.5
Wichita Falls .....	8.9	8.0	8.0	2.5	2.5	2.5	13.9	13.8	14.1
<b>Utah</b> .....	131.2	132.2	132.4	58.3	59.2	59.5	242.9	246.3	248.4
Provo-Orem .....	17.7	18.0	18.1	2.3	2.2	2.2	33.4	33.8	34.1
Salt Lake City-Ogden .....	84.1	84.0	84.0	46.5	46.4	46.6	163.5	165.3	166.6
<b>Vermont</b> .....	47.1	47.5	47.4	12.1	12.4	12.4	65.0	66.7	66.5
Barre-Montpelier .....	3.6	3.8	3.8	1.1	1.1	1.1	6.8	7.0	7.1
Burlington .....	18.1	19.4	19.4	4.9	4.7	4.7	22.3	22.3	22.4
<b>Virginia</b> .....	395.0	396.0	394.8	173.8	183.3	184.0	731.1	734.8	740.4
Bristol .....	9.2	9.4	9.3	1.3	1.4	1.4	10.4	10.9	10.9
Charlottesville .....	8.1	8.2	8.3	2.4	2.4	2.4	16.6	17.4	17.5
Danville .....	14.6	15.5	14.8	1.0	1.0	1.0	9.9	9.9	10.2
Lynchburg .....	25.0	24.8	24.7	3.5	3.7	3.7	20.8	21.7	21.8
Norfolk-Virginia Beach-Newport News .....	70.2	68.8	69.1	31.3	34.2	34.6	159.8	158.1	159.5
Northern Virginia .....	40.7	38.8	38.8	67.2	71.4	71.9	216.4	218.7	220.3
Richmond-Petersburg .....	60.1	60.9	61.2	26.9	28.4	28.6	124.7	125.7	125.8
Roanoke .....	19.1	18.7	18.9	8.9	8.8	8.7	35.4	36.1	36.2
<b>Washington</b> .....	365.0	333.7	349.2	136.8	137.7	138.4	620.7	630.9	635.3
Seattle-Bellevue-Everett .....	219.7	189.1	204.3	81.7	85.5	86.2	318.9	329.7	331.4
Spokane .....	21.8	21.5	21.7	7.9	8.1	8.1	47.8	48.8	49.1
Tacoma .....	24.3	24.0	23.8	9.6	9.2	9.2	58.0	57.5	57.7

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Rhode Island</b> .....	29.3	29.5	29.4	155.2	158.4	159.6	64.9	64.5	64.5
Providence-Fall River-Warwick .....	30.8	31.0	31.0	166.9	166.4	167.1	66.9	66.5	66.7
<b>South Carolina</b> .....	80.3	81.6	82.1	438.2	446.8	454.5	320.0	324.9	329.1
Charleston-North Charleston .....	8.7	8.7	8.7	67.3	73.2	74.7	50.7	50.1	50.3
Columbia .....	22.5	23.2	23.2	75.0	77.4	78.7	77.6	75.8	76.2
Greenville-Spartanburg-Anderson .....	16.2	16.4	16.5	105.7	108.1	109.5	61.5	60.4	60.9
<b>South Dakota</b> .....	23.8	25.3	25.4	97.3	101.3	101.5	72.5	73.3	74.5
Rapid City .....	3.0	3.3	3.3	14.6	14.6	14.6	7.5	7.8	7.7
Sioux Falls .....	12.8	13.8	13.8	32.5	34.2	34.5	10.1	10.3	10.4
<b>Tennessee</b> .....	130.5	130.0	130.3	705.3	718.5	722.4	397.1	400.2	421.7
Chattanooga .....	16.2	16.6	16.7	57.4	57.8	58.4	33.6	33.3	34.2
Johnson City-Kingsport-Bristol .....	8.2	7.9	7.9	46.2	47.9	48.0	30.4	30.2	31.3
Knoxville .....	15.3	15.6	15.5	88.7	87.9	88.8	55.5	55.5	57.1
Memphis .....	28.9	28.6	28.6	167.1	170.5	170.2	83.2	84.2	86.2
Nashville .....	43.5	44.0	44.1	211.4	214.0	217.9	86.0	87.1	90.0
<b>Texas</b> .....	511.7	528.0	530.6	2,571.8	2,614.3	2,638.6	1,557.0	1,587.5	1,596.4
Abilene .....	2.4	2.5	2.5	19.6	20.2	20.3	10.0	10.1	10.3
Amarillo .....	5.4	5.5	5.5	27.7	28.0	28.2	17.3	17.6	17.8
Austin-San Marcos .....	32.8	34.4	34.6	183.5	191.2	193.1	134.6	138.0	138.5
Beaumont-Port Arthur .....	5.3	5.3	5.3	41.1	40.3	40.4	26.9	27.4	27.4
Brazoria .....	2.0	2.0	2.0	14.0	14.3	14.6	14.5	14.8	14.7
Brownsville-Harlingen-San Benito .....	3.7	3.8	3.8	28.3	29.6	29.7	24.0	24.6	24.9
Bryan-College Station .....	2.7	2.8	2.8	16.1	16.6	16.7	30.5	30.3	31.0
Corpus Christi .....	6.2	6.1	6.2	49.7	49.1	49.5	30.8	31.2	31.3
Dallas .....	155.0	157.1	158.1	579.7	598.3	603.0	210.7	217.4	218.0
El Paso .....	9.9	9.9	9.9	59.1	60.3	61.0	55.2	56.4	56.6
Ft. Worth-Arlington .....	35.7	36.8	37.3	207.2	212.0	214.2	97.2	100.9	101.5
Galveston-Texas City .....	6.4	5.8	5.8	19.6	20.2	20.3	25.8	25.4	25.5
Houston .....	111.8	115.4	116.4	617.8	625.1	631.4	265.8	274.5	275.9
Killeen-Temple .....	4.2	4.7	4.7	27.6	28.2	28.3	28.3	28.1	28.2
Laredo .....	2.4	2.7	2.7	12.6	13.1	13.3	15.4	15.4	15.6
Longview-Marshall .....	3.6	3.7	3.7	21.9	22.5	22.5	11.8	12.1	12.3
Lubbock .....	5.8	6.1	6.1	34.5	37.1	37.1	26.2	26.2	26.5
McAllen-Edinburg-Mission .....	5.1	5.4	5.4	34.0	35.9	36.1	39.5	41.1	41.9
Odessa-Midland .....	3.9	4.0	4.0	23.6	23.3	23.6	18.7	18.9	18.9
San Angelo .....	1.7	1.7	1.7	12.1	12.2	12.3	9.2	9.1	9.1
San Antonio .....	47.5	51.0	50.9	218.3	225.5	227.0	136.1	134.2	134.3
Sherman-Denison .....	2.6	2.9	2.9	11.9	12.4	12.5	6.1	6.3	6.3
Texarkana .....	1.7	1.8	1.8	14.4	14.7	14.8	11.4	11.4	11.5
Tyler .....	3.9	4.0	4.0	23.6	23.5	23.7	11.6	12.0	12.1
Victoria .....	1.5	1.5	1.4	9.6	10.2	10.2	6.5	6.8	6.8
Waco .....	6.4	6.7	6.7	29.6	30.7	30.7	15.5	15.1	15.1
Wichita Falls .....	2.2	2.3	2.3	16.1	16.0	16.2	12.8	12.9	12.9
<b>Utah</b> .....	56.6	56.6	56.8	288.5	295.9	298.0	183.2	184.6	185.7
Provo-Orem .....	4.6	4.5	4.6	57.4	58.9	59.3	20.1	20.1	20.4
Salt Lake City-Ogden .....	46.1	46.3	46.2	188.7	195.2	197.1	117.4	119.9	120.6
<b>Vermont</b> .....	12.4	12.3	12.4	90.5	93.3	93.2	49.5	49.5	51.1
Barre-Montpelier .....	2.4	2.5	2.5	8.9	8.9	9.1	7.8	7.9	8.0
Burlington .....	5.1	5.4	5.4	30.1	30.7	31.0	16.5	16.7	16.9
<b>Virginia</b> .....	181.9	184.3	185.3	1,067.5	1,092.9	1,101.8	618.6	622.4	628.7
Bristol .....	1.2	1.2	1.2	8.4	9.0	9.0	5.8	5.8	5.9
Charlottesville .....	4.7	4.7	4.7	21.1	21.8	21.9	27.0	27.3	28.4
Danville .....	1.4	1.4	1.5	10.3	10.7	10.7	6.2	6.1	6.1
Lynchburg .....	4.3	4.3	4.2	28.4	29.3	29.7	13.3	13.5	13.5
Norfolk-Virginia Beach-Newport News .....	34.5	34.4	34.6	201.9	202.3	204.3	144.9	145.8	146.7
Northern Virginia .....	60.2	60.4	60.5	432.5	457.1	459.6	182.9	187.8	189.1
Richmond-Petersburg .....	47.6	49.5	49.9	145.2	147.1	148.2	103.6	106.8	107.0
Roanoke .....	10.2	10.1	10.1	42.3	42.6	43.0	17.9	17.7	18.0
<b>Washington</b> .....	137.0	137.6	138.0	725.3	741.3	751.2	479.9	483.6	488.4
Seattle-Bellevue-Everett .....	84.1	84.5	84.7	403.0	412.5	416.3	188.2	193.2	193.0
Spokane .....	10.9	11.0	11.1	57.9	58.1	59.0	32.6	32.5	32.8
Tacoma .....	12.6	12.6	12.7	68.7	71.2	72.3	49.8	50.2	50.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Total			Mining			Construction		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>West Virginia</b> .....	714.2	715.5	724.6	21.4	20.8	20.8	29.0	28.4	30.3
Charleston .....	133.0	132.9	133.9	2.1	2.0	2.0	6.0	5.7	6.2
Huntington-Ashland .....	122.6	123.1	123.7	1.0	1.0	1.1	4.8	5.6	5.6
Parkersburg-Marietta .....	68.5	68.9	69.5	.3	.3	.3	3.6	3.6	3.8
Wheeling .....	66.2	65.6	67.0	1.6	1.5	1.5	2.1	2.3	2.5
<b>Wisconsin</b> .....	2,718.2	2,745.1	2,764.3	2.3	2.1	2.2	105.1	105.9	109.1
Appleton-Oshkosh-Neenah .....	197.5	204.4	205.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.4	12.2	12.3
Eau Claire .....	75.1	77.3	77.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.6	2.8
Green Bay .....	141.1	147.8	148.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.8	6.8	7.1
Janesville-Beloit .....	70.0	68.9	69.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.9	2.9
Kenosha .....	53.9	55.3	55.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.2	2.3
La Crosse .....	70.3	69.9	68.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.4	2.5
Madison .....	277.0	282.4	284.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.4	12.7	13.2
Milwaukee-Waukesha .....	848.1	861.9	866.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	29.3	32.0	32.8
Racine .....	80.6	79.6	80.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	2.8	2.8
Sheboygan .....	60.0	61.3	61.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.5	2.5
Wausau .....	66.9	69.5	69.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	3.1	3.1
<b>Wyoming</b> .....	224.1	225.1	226.2	15.0	15.2	15.3	14.9	15.0	15.4
Casper .....	31.0	31.0	31.2	1.6	1.7	1.7	1.9	1.7	1.8
<b>Puerto Rico</b> .....	1,000.0	988.8	986.6	1.4	1.5	1.5	66.8	70.1	69.8
Caguas .....	69.6	69.6	70.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	4.5	4.4
Mayaguez .....	70.6	66.7	65.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	4.5	4.1
Ponce .....	77.1	77.4	77.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	7.2	7.0
San Juan-Bayamon .....	625.2	620.6	619.9	.7	.8	.7	45.5	45.8	46.1
<b>Virgin Islands</b> .....	41.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>West Virginia</b> .....	81.2	82.0	81.7	37.8	37.8	37.8	158.9	158.7	160.5
Charleston .....	10.3	10.4	10.3	9.2	9.6	9.4	30.9	30.0	30.1
Huntington-Ashland .....	15.9	15.1	14.6	6.7	6.9	6.9	30.7	30.4	30.5
Parkersburg-Marietta .....	12.8	12.6	12.5	2.6	2.7	2.7	17.0	17.8	18.0
Wheeling .....	6.0	5.9	5.8	2.5	2.4	2.6	16.5	16.7	17.0
<b>Wisconsin</b> .....	613.1	610.1	609.9	127.7	128.4	130.2	607.0	615.7	621.7
Appleton-Oshkosh-Neenah .....	59.5	60.0	59.8	8.3	8.8	9.0	41.1	42.0	42.3
Eau Claire .....	14.1	13.6	13.6	3.5	3.5	3.5	19.8	20.9	21.2
Green Bay .....	29.1	29.8	29.8	10.3	10.9	11.0	32.2	33.6	33.9
Janesville-Beloit .....	20.3	19.1	18.9	3.1	3.4	3.4	16.3	16.4	16.7
Kenosha .....	12.3	12.0	11.9	1.9	2.0	2.0	13.2	14.2	14.2
La Crosse .....	11.8	11.1	11.2	3.4	3.4	3.5	17.9	17.9	17.9
Madison .....	29.6	31.0	31.0	9.3	9.4	9.5	58.7	59.6	59.6
Milwaukee-Waukesha .....	175.6	172.4	172.4	40.0	39.7	40.5	181.6	184.9	185.9
Racine .....	24.8	23.8	23.9	2.4	2.2	2.2	16.8	16.9	17.1
Sheboygan .....	25.3	26.4	26.5	1.5	1.4	1.4	10.5	10.6	10.6
Wausau .....	18.6	18.8	18.8	3.4	3.4	3.4	16.4	17.4	17.5
<b>Wyoming</b> .....	10.7	11.0	10.8	14.1	13.8	13.8	51.0	51.2	50.9
Casper .....	1.5	1.5	1.5	1.7	1.5	1.5	8.2	8.5	8.5
<b>Puerto Rico</b> .....	143.3	141.5	139.7	28.3	33.3	33.2	204.1	206.9	205.9
Caguas .....	14.6	14.1	14.0	1.2	1.6	1.6	16.3	16.5	16.5
Mayaguez .....	16.1	14.5	13.4	.8	1.3	1.3	12.3	12.4	12.3
Ponce .....	9.2	9.0	8.9	2.2	2.4	2.4	13.6	14.6	14.4
San Juan-Bayamon .....	66.3	66.2	66.1	20.5	24.2	24.1	133.5	135.1	134.3
<b>Virgin Islands</b> .....	2.4	( <sup>2</sup> )	( <sup>2</sup> )	2.4	( <sup>2</sup> )	( <sup>2</sup> )	9.2	( <sup>2</sup> )	( <sup>2</sup> )

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**B-14. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>West Virginia</b> .....	29.8	29.5	29.5	213.8	219.4	220.5	142.3	138.9	143.5
Charleston .....	8.1	7.7	7.7	42.1	42.6	43.0	24.3	24.9	25.3
Huntington-Ashland .....	4.6	5.2	5.1	36.9	37.5	37.6	22.0	21.4	22.3
Parkersburg-Marietta .....	2.6	2.6	2.6	20.2	19.6	19.8	9.4	9.7	9.8
Wheeling .....	2.8	2.8	2.8	24.3	24.3	24.7	10.4	9.7	10.1
<b>Wisconsin</b> .....	144.3	148.1	148.2	714.7	728.3	732.9	404.0	406.4	410.2
Appleton-Oshkosh-Neenah .....	9.3	9.5	9.5	45.5	48.3	48.7	23.3	23.5	24.1
Eau Claire .....	2.4	2.4	2.4	20.5	21.8	22.0	12.2	12.6	12.4
Green Bay .....	11.2	13.3	13.2	35.1	36.5	36.4	16.4	16.9	17.2
Janesville-Beloit .....	1.8	1.8	1.8	17.1	16.6	16.8	8.8	8.8	8.9
Kenosha .....	1.6	1.5	1.5	14.2	14.6	14.5	8.5	8.9	8.8
La Crosse .....	2.6	2.6	2.7	21.6	21.7	21.6	10.6	10.7	9.5
Madison .....	22.7	23.3	23.3	70.4	72.6	73.3	73.8	73.7	74.1
Milwaukee-Waukesha .....	57.8	60.0	60.1	272.2	279.9	281.4	91.7	93.1	93.4
Racine .....	2.3	2.4	2.3	21.6	22.0	22.3	9.5	9.5	9.7
Sheboygan .....	2.2	2.2	2.2	11.7	11.6	11.7	6.5	6.6	6.7
Wausau .....	5.1	5.2	5.2	12.9	13.8	13.9	7.6	7.8	7.7
<b>Wyoming</b> .....	7.9	8.0	7.9	50.0	50.1	50.7	60.5	60.8	61.4
Casper .....	1.2	1.2	1.2	9.3	9.1	9.2	5.6	5.8	5.8
<b>Puerto Rico</b> .....	48.2	49.0	48.5	208.6	209.8	210.5	299.3	276.7	277.5
Caguas .....	1.8	1.7	1.8	13.5	13.1	13.6	18.6	18.1	18.2
Mayaguez .....	2.1	2.0	2.0	12.6	12.3	12.2	21.8	19.7	19.9
Ponce .....	2.2	2.3	2.3	18.4	17.8	17.9	25.3	24.1	24.3
San Juan-Bayamon .....	38.1	38.6	38.0	137.6	139.0	138.8	183.0	170.9	171.8
<b>Virgin Islands</b> .....	1.9	( <sup>2</sup> )	( <sup>2</sup> )	10.8	( <sup>2</sup> )	( <sup>2</sup> )	13.4	( <sup>2</sup> )	( <sup>2</sup> )

<sup>1</sup> Combined with construction.

<sup>2</sup> Not available.

P = preliminary.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data (with the exception of data for New Jersey) have been adjusted to March 1999 benchmarks.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Total private .....</b>		34.2	34.3	34.2	34.2	34.6	-	-	-	-	-
<b>Goods-producing .....</b>		40.5	40.9	40.8	40.9	41.1	-	-	-	-	-
<b>Mining .....</b>		42.2	43.3	44.2	43.9	44.7	-	-	-	-	-
Metal mining .....	10	43.5	44.3	43.5	43.5	-	-	-	-	-	-
Iron ores .....	101	46.0	45.1	43.7	43.6	-	-	-	-	-	-
Copper ores .....	102	43.8	47.0	46.6	46.2	-	-	-	-	-	-
Coal mining .....	12	45.2	44.7	45.1	44.2	-	-	-	-	-	-
Bituminous coal and lignite mining .....	122	45.3	44.7	45.2	44.4	-	-	-	-	-	-
Oil and gas extraction .....	13	40.3	41.4	43.9	43.5	-	-	-	-	-	-
Crude petroleum and natural gas .....	131	39.4	39.9	41.6	41.5	-	-	-	-	-	-
Oil and gas field services .....	138	40.8	42.2	45.1	44.6	-	-	-	-	-	-
Nonmetallic minerals, except fuels .....	14	44.2	46.3	44.4	45.2	-	-	-	-	-	-
Crushed and broken stone .....	142	45.8	48.8	45.7	47.2	-	-	-	-	-	-
<b>Construction .....</b>		37.7	38.6	38.6	38.8	39.1	-	-	-	-	-
General building contractors .....	15	37.4	38.1	37.7	38.0	-	-	-	-	-	-
Residential building construction .....	152	36.1	36.8	36.1	36.6	-	-	-	-	-	-
Operative builders .....	153	38.6	38.6	36.2	37.2	-	-	-	-	-	-
Nonresidential building construction .....	154	38.7	39.4	39.4	39.4	-	-	-	-	-	-
Heavy construction, except building .....	16	40.3	41.9	42.4	41.9	-	-	-	-	-	-
Highway and street construction .....	161	39.1	41.5	41.2	41.4	-	-	-	-	-	-
Heavy construction, except highway .....	162	40.7	42.1	42.8	42.1	-	-	-	-	-	-
Special trade contractors .....	17	37.3	38.0	38.1	38.4	-	-	-	-	-	-
Plumbing, heating, and air conditioning .....	171	38.5	39.2	39.0	39.1	-	-	-	-	-	-
Painting and paper hanging .....	172	36.0	37.1	36.9	37.1	-	-	-	-	-	-
Electrical work .....	173	39.2	39.7	39.6	39.7	-	-	-	-	-	-
Masonry, stonework, and plastering .....	174	35.3	36.1	36.3	36.5	-	-	-	-	-	-
Carpentry and floor work .....	175	36.3	36.9	36.6	36.7	-	-	-	-	-	-
Roofing, siding, and sheet metal work .....	176	31.8	34.1	33.5	34.6	-	-	-	-	-	-
<b>Manufacturing .....</b>		41.4	41.6	41.5	41.5	41.7	4.4	4.5	4.5	4.5	4.6
<b>Durable goods .....</b>		42.0	42.2	42.1	42.2	42.4	4.5	4.6	4.7	4.7	4.8
Lumber and wood products .....	24	40.8	41.2	40.4	40.4	41.0	4.2	4.5	3.9	3.8	-
Logging .....	241	40.6	40.3	41.9	41.3	-	5.0	5.0	5.0	4.6	-
Sawmills and planing mills .....	242	42.2	42.4	42.6	42.5	-	5.1	5.2	5.1	5.0	-
Sawmills and planing mills, general .....	2421	42.9	42.9	43.2	43.2	-	5.5	5.6	5.8	5.7	-
Hardwood dimension and flooring mills .....	2426	40.3	41.1	40.8	40.5	-	3.5	3.7	2.8	2.7	-
Millwork, plywood, and structural members .....	243	41.5	42.0	40.3	40.1	-	4.5	5.0	3.6	3.6	-
Millwork .....	2431	40.7	41.2	39.7	39.7	-	3.4	3.8	2.9	3.1	-
Wood kitchen cabinets .....	2434	41.4	42.2	40.6	40.1	-	4.9	5.6	3.7	3.5	-
Hardwood veneer and plywood .....	2435	42.4	42.4	42.3	41.7	-	5.4	5.1	5.3	4.9	-
Softwood veneer and plywood .....	2436	43.9	42.8	40.9	40.5	-	6.4	6.1	5.1	5.4	-
Wood containers .....	244	39.0	39.1	39.4	39.0	-	3.5	3.4	3.6	3.2	-
Wood buildings and mobile homes .....	245	37.8	38.8	35.6	36.8	-	2.3	2.5	1.6	1.6	-
Mobile homes .....	2451	38.1	38.9	35.2	36.4	-	2.4	2.4	1.5	1.5	-
Miscellaneous wood products .....	249	40.2	40.2	40.3	40.6	-	3.4	3.5	3.6	3.8	-
Furniture and fixtures .....	25	40.0	40.2	39.8	40.0	40.1	3.6	3.5	3.4	3.5	-
Household furniture .....	251	39.4	39.5	39.6	39.8	-	3.2	3.1	3.3	3.3	-
Wood household furniture .....	2511	39.0	39.6	39.8	39.6	-	3.2	3.2	3.4	3.3	-
Upholstered household furniture .....	2512	39.9	39.4	38.9	39.7	-	3.0	2.7	2.7	3.1	-
Metal household furniture .....	2514	41.0	42.1	42.0	41.2	-	3.8	4.3	4.0	3.3	-
Mattresses and bedsprings .....	2515	39.6	38.3	39.9	40.3	-	3.9	3.5	3.4	3.7	-
Office furniture .....	252	41.2	41.6	40.8	41.2	-	3.8	3.8	3.3	3.7	-
Public building and related furniture .....	253	39.7	39.7	40.1	40.0	-	4.1	4.3	4.0	4.0	-
Partitions and fixtures .....	254	41.8	41.9	41.0	41.4	-	4.5	4.4	4.0	4.4	-
Miscellaneous furniture and fixtures .....	259	38.6	39.9	36.6	37.2	-	3.4	3.7	2.1	2.4	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Total private .....</b>		\$13.12	\$13.16	\$13.58	\$13.60	\$13.71	\$448.70	\$451.39	\$464.44	\$465.12	\$474.37
<b>Goods-producing .....</b>		14.53	14.64	15.04	15.12	15.24	588.47	598.78	613.63	618.41	626.36
<b>Mining .....</b>		17.01	16.93	17.13	17.17	17.22	717.82	733.07	757.15	753.76	769.73
Metal mining .....	10	18.20	18.10	18.73	18.93	—	791.70	801.83	814.76	823.46	—
Iron ores .....	101	20.08	20.05	20.10	20.13	—	923.68	904.26	878.37	877.67	—
Copper ores .....	102	16.32	16.42	16.68	16.92	—	714.82	771.74	777.29	781.70	—
Coal mining .....	12	19.12	19.11	19.38	19.41	—	864.22	854.22	874.04	857.92	—
Bituminous coal and lignite mining .....	122	19.37	19.37	19.61	19.63	—	877.46	865.84	886.37	871.57	—
Oil and gas extraction .....	13	16.83	16.77	16.83	16.87	—	678.25	694.28	738.84	733.85	—
Crude petroleum and natural gas .....	131	22.80	22.87	24.01	23.93	—	898.32	912.51	998.82	993.10	—
Oil and gas field services .....	138	13.64	13.46	13.18	13.43	—	556.51	568.01	594.42	598.98	—
Nonmetallic minerals, except fuels .....	14	14.91	14.99	15.22	15.32	—	659.02	694.04	675.77	692.46	—
Crushed and broken stone .....	142	14.14	14.36	14.57	14.80	—	647.61	700.77	665.85	698.56	—
<b>Construction .....</b>		16.79	16.85	17.37	17.48	17.60	632.98	650.41	670.48	678.22	688.16
General building contractors .....	15	16.32	16.31	16.88	17.00	—	610.37	621.41	636.38	646.00	—
Residential building construction .....	152	15.25	15.27	15.64	15.73	—	550.53	561.94	564.60	575.72	—
Operative builders .....	153	14.91	15.05	16.48	16.27	—	575.53	580.93	596.58	605.24	—
Nonresidential building construction .....	154	17.36	17.33	18.05	18.23	—	671.83	682.80	711.17	718.26	—
Heavy construction, except building .....	16	16.03	16.34	16.49	16.61	—	646.01	684.65	699.18	695.96	—
Highway and street construction .....	161	15.61	16.21	15.94	16.26	—	610.35	672.72	656.73	673.16	—
Heavy construction, except highway .....	162	16.17	16.39	16.67	16.72	—	658.12	690.02	713.48	703.91	—
Special trade contractors .....	17	17.12	17.16	17.72	17.84	—	638.58	652.08	675.13	685.06	—
Plumbing, heating, and air conditioning .....	171	17.44	17.46	18.08	18.28	—	671.44	684.43	705.12	714.75	—
Painting and paper hanging .....	172	15.43	15.42	15.62	15.78	—	555.48	572.08	576.38	585.44	—
Electrical work .....	173	18.70	18.76	19.44	19.62	—	733.04	744.77	769.82	778.91	—
Masonry, stonework, and plastering .....	174	16.80	16.91	17.17	17.36	—	593.04	610.45	623.27	633.64	—
Carpentry and floor work .....	175	17.05	17.13	17.81	17.84	—	618.92	632.10	651.85	654.73	—
Roofing, siding, and sheet metal work .....	176	14.79	14.94	15.52	15.65	—	470.32	509.45	519.92	541.49	—
<b>Manufacturing .....</b>		13.73	13.80	14.19	14.22	14.30	568.42	574.08	588.89	590.13	596.31
<b>Durable goods .....</b>		14.20	14.27	14.73	14.76	14.83	596.40	602.19	620.13	622.87	628.79
Lumber and wood products .....	24	11.31	11.37	11.62	11.62	11.72	461.45	468.44	469.45	469.45	480.52
Logging .....	241	12.80	12.94	13.24	13.27	—	519.68	521.48	554.76	548.05	—
Sawmills and planing mills .....	242	11.36	11.33	11.67	11.62	—	479.39	480.39	497.14	493.85	—
Sawmills and planing mills, general .....	2421	11.81	11.79	12.17	12.09	—	506.65	505.79	525.74	522.29	—
Hardwood dimension and flooring mills .....	2426	9.71	9.66	9.90	9.94	—	391.31	397.03	403.92	402.57	—
Millwork, plywood, and structural members .....	243	11.46	11.53	11.76	11.81	—	475.59	484.26	473.93	473.58	—
Millwork .....	2431	11.31	11.49	11.79	11.80	—	460.32	473.39	468.06	468.46	—
Wood kitchen cabinets .....	2434	11.63	11.67	11.74	11.80	—	481.48	492.47	476.64	473.18	—
Hardwood veneer and plywood .....	2435	10.29	10.29	10.67	10.68	—	436.30	436.30	451.34	445.36	—
Softwood veneer and plywood .....	2436	13.62	13.78	14.20	14.35	—	597.92	589.78	580.78	581.18	—
Wood containers .....	244	9.04	9.12	9.47	9.38	—	352.56	356.59	373.12	365.82	—
Wood buildings and mobile homes .....	245	11.49	11.57	11.68	11.66	—	434.32	448.92	415.81	429.09	—
Mobile homes .....	2451	11.65	11.76	11.81	11.81	—	443.87	457.46	415.71	429.88	—
Miscellaneous wood products .....	249	10.71	10.86	10.91	10.97	—	430.54	436.57	439.67	445.38	—
Furniture and fixtures .....	25	11.10	11.14	11.50	11.57	11.61	444.00	447.83	457.70	462.80	465.56
Household furniture .....	251	10.55	10.61	10.90	10.91	—	415.67	419.10	431.64	434.22	—
Wood household furniture .....	2511	10.05	10.14	10.44	10.40	—	391.95	401.54	415.51	411.84	—
Upholstered household furniture .....	2512	11.43	11.43	11.72	11.81	—	456.06	450.34	455.91	468.86	—
Metal household furniture .....	2514	9.66	9.69	10.04	9.90	—	396.06	407.95	421.68	407.88	—
Mattresses and bedsprings .....	2515	11.21	11.40	11.48	11.43	—	443.92	436.62	458.05	460.63	—
Office furniture .....	252	11.73	11.79	12.44	12.64	—	483.28	490.46	507.55	520.77	—
Public building and related furniture .....	253	12.53	12.48	12.75	12.86	—	497.44	495.46	511.28	514.40	—
Partitions and fixtures .....	254	11.66	11.70	12.18	12.39	—	487.39	490.23	499.38	512.95	—
Miscellaneous furniture and fixtures .....	259	11.21	11.26	11.63	11.64	—	432.71	449.27	425.66	433.01	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	42.2	43.2	42.4	42.5	43.1	5.6	6.1	5.6	5.7	—
Flat glass .....	321	41.1	42.0	42.3	41.7	—	5.4	5.5	5.1	4.9	—
Glass and glassware, pressed or blown .....	322	42.4	42.3	42.0	41.8	—	5.1	5.2	5.0	4.9	—
Glass containers .....	3221	43.8	44.2	42.8	42.4	—	6.2	6.8	5.6	5.4	—
Pressed and blown glass, nec .....	3229	41.5	41.2	41.6	41.5	—	4.4	4.2	4.6	4.7	—
Products of purchased glass .....	323	41.4	42.4	42.8	42.4	—	4.2	4.6	4.5	4.1	—
Cement, hydraulic .....	324	46.3	44.9	44.5	43.8	—	7.6	6.9	6.6	6.3	—
Structural clay products .....	325	41.6	42.9	42.0	42.3	—	4.9	5.3	4.9	5.0	—
Pottery and related products .....	326	41.7	41.7	41.1	41.1	—	5.3	4.9	4.5	5.0	—
Concrete, gypsum, and plaster products .....	327	42.5	44.2	42.4	42.8	—	6.4	7.4	6.6	6.7	—
Concrete block and brick .....	3271	44.6	47.1	45.2	46.7	—	7.5	9.1	8.3	9.2	—
Concrete products, nec .....	3272	43.6	44.1	43.3	43.3	—	6.7	7.1	6.7	6.5	—
Ready-mixed concrete .....	3273	40.4	43.3	40.8	41.4	—	5.5	7.0	6.1	6.3	—
Misc. nonmetallic mineral products .....	329	42.6	43.2	43.1	43.0	—	5.3	5.4	5.2	5.3	—
Abrasive products .....	3291	42.2	42.4	43.3	42.9	—	3.0	3.2	3.1	3.3	—
Asbestos products .....	3292	46.4	48.5	47.8	46.7	—	8.3	10.5	9.5	9.0	—
Primary metal industries .....	33	43.9	44.1	44.4	44.3	44.4	6.1	6.3	6.7	6.7	—
Blast furnaces and basic steel products .....	331	43.9	44.6	45.3	44.9	44.9	5.6	5.9	6.9	6.8	—
Blast furnaces and steel mills .....	3312	43.8	44.8	45.6	45.2	—	5.7	6.0	7.3	7.1	—
Steel pipe and tubes .....	3317	44.9	45.1	45.3	45.4	—	5.8	5.9	6.4	6.8	—
Iron and steel foundries .....	332	44.2	44.4	45.0	44.9	—	6.3	6.7	6.7	6.8	—
Gray and ductile iron foundries .....	3321	45.5	46.1	46.8	46.5	—	7.5	8.0	8.0	8.1	—
Malleable iron foundries .....	3322	43.5	42.1	42.3	40.3	—	6.7	5.8	6.5	5.2	—
Steel foundries, nec .....	3325	42.1	42.0	41.5	42.1	—	4.7	5.0	4.0	4.1	—
Primary nonferrous metals .....	333	44.0	43.9	43.6	44.2	—	6.4	6.3	6.5	7.0	—
Primary aluminum .....	3334	43.9	44.5	43.5	44.0	—	6.9	6.7	7.0	7.3	—
Nonferrous rolling and drawing .....	335	44.0	43.7	44.0	44.0	—	7.5	7.3	7.5	7.5	—
Copper rolling and drawing .....	3351	43.2	43.3	43.7	43.2	—	7.8	7.7	8.3	7.9	—
Aluminum sheet, plate, and foil .....	3353	43.4	43.7	43.9	44.2	—	9.4	9.6	9.2	9.5	—
Nonferrous wire drawing and insulating .....	3357	44.3	43.6	43.4	43.5	—	7.4	6.9	7.6	7.5	—
Nonferrous foundries (castings) .....	336	43.1	43.6	42.7	43.0	—	4.9	5.3	4.9	5.0	—
Aluminum foundries .....	3365	43.8	45.1	43.3	43.8	—	5.3	6.0	4.7	5.0	—
Fabricated metal products .....	34	41.8	42.1	42.2	42.1	42.4	4.5	4.5	4.6	4.6	—
Metal cans and shipping containers .....	341	43.6	44.0	44.4	43.5	—	6.7	7.0	6.2	5.9	—
Metal cans .....	3411	43.5	44.1	44.9	43.6	—	6.6	6.9	6.2	5.8	—
Cutlery, handtools, and hardware .....	342	41.4	41.7	42.5	42.3	—	4.0	4.0	4.0	4.0	—
Hand and edge tools, and blades and handsaws .....	3423,5	42.7	43.0	43.2	43.0	—	4.5	4.3	4.0	4.1	—
Hardware, nec .....	3429	41.2	41.6	42.3	42.1	—	4.0	4.0	4.3	4.1	—
Plumbing and heating, except electric .....	343	41.9	42.5	42.2	42.2	—	4.0	4.0	4.1	4.3	—
Plumbing fixture fittings and trim .....	3432	41.6	42.9	40.3	40.6	—	3.9	4.4	3.1	3.5	—
Heating equipment, except electric .....	3433	40.0	40.8	41.0	40.8	—	2.5	2.9	3.3	2.9	—
Fabricated structural metal products .....	344	41.5	41.7	41.7	41.7	—	4.3	4.3	4.2	4.3	—
Fabricated structural metal .....	3441	43.0	42.7	42.9	42.6	—	5.5	5.6	5.5	5.4	—
Metal doors, sash, and trim .....	3442	40.2	40.8	39.7	40.0	—	3.2	3.2	2.5	2.7	—
Fabricated plate work (boiler shops) .....	3443	42.7	42.3	43.2	43.0	—	5.1	4.6	5.2	5.0	—
Sheet metal work .....	3444	41.0	41.3	41.2	41.2	—	3.8	3.9	3.9	4.0	—
Architectural metal work .....	3446	40.7	41.2	41.5	41.7	—	3.8	3.8	3.8	4.4	—
Screw machine products, bolts, etc .....	345	42.7	42.4	43.0	42.7	—	5.0	4.9	5.4	5.2	—
Screw machine products .....	3451	41.1	41.1	42.3	42.2	—	4.2	4.1	5.0	4.9	—
Bolts, nuts, rivets, and washers .....	3452	44.6	43.9	43.8	43.3	—	6.0	5.8	5.8	5.5	—
Metal forgings and stampings .....	346	42.9	43.3	43.1	43.1	—	5.1	5.2	5.3	5.4	—
Iron and steel forgings .....	3462	42.4	40.9	43.8	43.4	—	5.0	3.8	5.5	5.3	—
Automotive stampings .....	3465	43.9	44.8	43.9	43.8	—	5.4	5.9	5.7	5.8	—
Metal stampings, nec .....	3469	41.4	41.7	41.8	42.0	—	4.3	4.3	4.4	4.6	—
Metal services, nec .....	347	41.1	41.6	41.9	42.4	—	4.7	4.9	4.7	5.0	—
Plating and polishing .....	3471	40.8	40.8	41.5	41.8	—	4.6	4.6	4.6	4.7	—
Metal coating and allied services .....	3479	41.6	43.0	42.6	43.3	—	4.8	5.5	4.9	5.5	—
Ordnance and accessories, nec .....	348	41.2	41.6	41.4	41.2	—	3.7	3.5	3.9	3.6	—
Ammunition, except for small arms, nec .....	3483	42.3	42.6	43.1	42.4	—	3.4	2.9	2.7	2.6	—
Misc. fabricated metal products .....	349	41.3	41.6	41.6	41.4	—	3.9	4.0	4.2	4.1	—
Valves and pipe fittings, nec .....	3494	40.7	41.3	41.3	42.0	—	3.0	3.5	3.8	4.1	—
Misc. fabricated wire products .....	3496	40.0	40.6	41.3	41.6	—	3.4	3.6	3.9	3.9	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	\$13.70	\$13.75	\$14.00	\$14.06	\$14.23	\$578.14	\$594.00	\$593.60	\$597.55	\$613.31
Flat glass .....	321	17.77	17.75	19.09	18.96	—	730.35	745.50	807.51	790.63	—
Glass and glassware, pressed or blown .....	322	15.54	15.64	15.83	15.87	—	658.90	661.57	664.86	663.37	—
Glass containers .....	3221	16.59	17.11	16.91	16.95	—	726.64	756.26	723.75	718.68	—
Pressed and blown glass, nec .....	3229	14.88	14.74	15.22	15.26	—	617.52	607.29	633.15	633.29	—
Products of purchased glass .....	323	12.47	12.52	12.65	12.63	—	516.26	530.85	541.42	535.51	—
Cement, hydraulic .....	324	19.32	19.40	19.47	19.67	—	894.52	871.06	866.42	861.55	—
Structural clay products .....	325	12.27	12.33	12.52	12.53	—	510.43	528.96	525.84	530.02	—
Pottery and related products .....	326	12.06	12.08	11.89	12.06	—	502.90	503.74	488.68	495.67	—
Concrete, gypsum, and plaster products .....	327	13.13	13.27	13.46	13.56	—	558.03	586.53	570.70	580.37	—
Concrete block and brick .....	3271	12.76	12.93	13.14	13.22	—	569.10	609.00	593.93	617.37	—
Concrete products, nec .....	3272	11.86	11.87	12.13	12.26	—	517.10	523.47	525.23	530.86	—
Ready-mixed concrete .....	3273	13.97	14.14	14.37	14.41	—	564.39	612.26	586.30	596.57	—
Misc. nonmetallic mineral products .....	329	14.01	13.94	14.42	14.53	—	596.83	602.21	621.50	624.79	—
Abrasive products .....	3291	12.82	12.88	13.58	13.64	—	541.00	546.11	588.01	585.16	—
Asbestos products .....	3292	14.67	14.53	14.66	15.12	—	680.69	704.71	700.75	706.10	—
<b>Primary metal industries</b> .....	<b>33</b>	<b>15.53</b>	<b>15.62</b>	<b>16.30</b>	<b>16.36</b>	<b>16.55</b>	<b>681.77</b>	<b>688.84</b>	<b>723.72</b>	<b>724.75</b>	<b>734.82</b>
Blast furnaces and basic steel products .....	331	18.56	18.59	19.40	19.59	19.86	814.78	829.11	878.82	879.59	891.71
Blast furnaces and steel mills .....	3312	20.34	20.30	21.28	21.50	—	890.89	909.44	970.37	971.80	—
Steel pipe and tubes .....	3317	13.84	14.13	14.34	14.55	—	621.42	637.26	649.60	660.57	—
Iron and steel foundries .....	332	14.28	14.55	15.25	15.18	—	631.18	646.02	686.25	681.58	—
Gray and ductile iron foundries .....	3321	14.84	15.16	16.13	16.08	—	675.22	698.88	754.88	747.72	—
Malleable iron foundries .....	3322	14.42	14.74	15.19	15.59	—	627.27	620.55	642.54	628.28	—
Steel foundries, nec .....	3325	13.60	13.79	14.00	13.78	—	572.56	579.18	581.00	580.14	—
Primary nonferrous metals .....	333	17.07	17.06	17.86	18.08	—	751.08	748.93	778.70	799.14	—
Primary aluminum .....	3334	17.06	16.87	17.88	18.03	—	748.93	750.72	777.78	793.32	—
Nonferrous rolling and drawing .....	335	14.34	14.35	14.81	14.82	—	630.96	627.10	651.64	652.08	—
Copper rolling and drawing .....	3351	15.51	15.45	16.12	16.08	—	670.03	668.99	704.44	694.66	—
Aluminum sheet, plate, and foil .....	3353	17.11	16.83	17.04	17.07	—	742.57	735.47	748.06	754.49	—
Nonferrous wire drawing and insulating .....	3357	13.91	14.07	14.55	14.49	—	616.21	613.45	631.47	630.32	—
Nonferrous foundries (castings) .....	336	12.55	12.61	13.25	13.27	—	540.91	549.80	565.78	570.61	—
Aluminum foundries .....	3365	11.94	12.00	12.75	12.65	—	522.97	541.20	552.08	554.07	—
<b>Fabricated metal products</b> .....	<b>34</b>	<b>13.33</b>	<b>13.36</b>	<b>13.65</b>	<b>13.67</b>	<b>13.69</b>	<b>557.19</b>	<b>562.46</b>	<b>576.03</b>	<b>575.51</b>	<b>580.46</b>
Metal cans and shipping containers .....	341	16.76	16.78	16.82	16.85	—	730.74	738.32	746.81	732.98	—
Metal cans .....	3411	17.80	17.80	17.78	17.85	—	774.30	784.98	798.32	778.26	—
Cutlery, handtools, and hardware .....	342	12.41	12.47	12.45	12.51	—	513.77	520.00	529.13	529.17	—
Hand and edge tools, and blades and handsaws .....	3423,5	12.57	12.71	12.99	13.00	—	536.74	546.53	561.17	559.00	—
Hardware, nec .....	3429	12.36	12.40	12.13	12.21	—	509.23	515.84	513.10	514.04	—
Plumbing and heating, except electric .....	343	11.89	11.93	12.23	12.19	—	498.19	507.03	516.11	514.42	—
Plumbing fixture fittings and trim .....	3432	11.59	11.60	12.01	11.88	—	482.14	497.64	484.00	482.33	—
Heating equipment, except electric .....	3433	12.20	12.17	12.56	12.59	—	488.00	496.54	514.96	513.67	—
Fabricated structural metal products .....	344	12.80	12.80	13.16	13.20	—	531.20	533.76	548.77	550.44	—
Fabricated structural metal .....	3441	13.07	13.06	13.53	13.57	—	562.01	557.66	580.44	578.08	—
Metal doors, sash, and trim .....	3442	10.81	10.81	11.02	11.01	—	434.56	441.05	437.49	440.40	—
Fabricated plate work (boiler shops) .....	3443	14.08	14.12	14.38	14.38	—	601.22	597.28	621.22	618.34	—
Sheet metal work .....	3444	13.16	13.18	13.65	13.70	—	539.56	544.33	562.38	564.44	—
Architectural metal work .....	3446	12.18	12.04	12.82	12.99	—	495.73	496.05	532.03	541.68	—
Screw machine products, bolts, etc .....	345	13.77	13.76	14.12	14.20	—	587.98	583.42	607.16	606.34	—
Screw machine products .....	3451	12.85	12.95	13.46	13.48	—	528.14	532.25	569.36	568.86	—
Bolts, nuts, rivets, and washers .....	3452	14.74	14.62	14.83	14.99	—	657.40	641.82	649.55	649.07	—
Metal forgings and stampings .....	346	15.48	15.60	15.88	15.93	—	664.09	675.48	684.43	686.58	—
Iron and steel forgings .....	3462	14.87	14.80	15.25	15.38	—	630.49	605.32	667.95	667.49	—
Automotive stampings .....	3465	17.49	17.69	17.81	17.89	—	767.81	792.51	781.86	783.58	—
Metal stampings, nec .....	3469	12.99	13.09	13.54	13.58	—	537.79	545.85	565.97	570.36	—
Metal services, nec .....	347	11.45	11.47	11.84	11.82	—	470.60	477.15	496.10	501.17	—
Plating and polishing .....	3471	11.30	11.36	11.72	11.75	—	461.04	463.49	486.38	491.15	—
Metal coating and allied services .....	3479	11.69	11.65	12.04	11.92	—	486.30	500.95	512.90	516.14	—
Ordinance and accessories, nec .....	348	15.51	15.12	15.61	15.46	—	639.01	628.99	646.25	636.95	—
Ammunition, except for small arms, nec .....	3483	16.62	16.09	16.71	16.75	—	703.03	685.43	720.20	710.20	—
Misc. fabricated metal products .....	349	12.77	12.82	13.14	13.13	—	527.40	533.31	546.62	543.58	—
Valves and pipe fittings, nec .....	3494	12.84	13.01	13.35	13.37	—	522.59	537.31	551.36	561.54	—
Misc. fabricated wire products .....	3496	11.33	11.29	11.56	11.51	—	453.20	458.37	477.43	478.82	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	42.1	42.2	42.4	42.5	42.5	4.8	4.7	5.0	5.0	—
Engines and turbines .....	351	44.7	44.4	43.3	42.5	—	7.0	6.6	5.5	5.2	—
Turbines and turbine generator sets .....	3511	44.3	44.9	46.3	46.1	—	5.6	5.5	6.6	6.8	—
Internal combustion engines, nec .....	3519	44.8	44.2	42.4	41.5	—	7.4	6.9	5.2	4.7	—
Farm and garden machinery .....	352	41.5	41.6	42.3	42.4	—	3.5	3.3	4.3	4.3	—
Farm machinery and equipment .....	3523	41.4	41.7	42.9	43.1	—	3.5	3.5	5.0	5.1	—
Construction and related machinery .....	353	42.6	42.5	43.9	43.7	—	5.0	4.9	5.5	5.4	—
Construction machinery .....	3531	43.5	43.3	45.0	45.1	—	5.5	5.3	5.9	6.1	—
Mining machinery .....	3532	39.9	39.8	40.5	40.9	—	2.7	2.0	3.8	4.1	—
Oil and gas field machinery .....	3533	42.8	43.6	45.6	45.2	—	6.8	7.5	8.1	8.2	—
Conveyors and conveying equipment .....	3535	41.4	41.1	43.0	42.6	—	3.8	3.9	5.2	4.7	—
Industrial trucks and tractors .....	3537	41.5	41.4	42.6	42.2	—	3.5	3.2	3.8	3.5	—
Metalworking machinery .....	354	42.8	42.8	43.1	43.1	—	5.5	5.4	6.0	6.1	—
Machine tools, metal cutting types .....	3541	42.8	42.6	43.4	43.2	—	4.7	4.3	5.3	5.3	—
Machine tools, metal forming types .....	3542	43.1	43.3	45.3	45.7	—	5.5	5.9	6.4	6.8	—
Special dies, tools, jigs, and fixtures .....	3544	43.4	43.5	44.0	44.0	—	6.2	6.1	6.6	6.7	—
Machine tool accessories .....	3545	41.5	41.8	41.8	41.7	—	4.3	4.2	4.9	5.0	—
Power driven handtools .....	3546	40.7	41.8	39.3	40.0	—	3.5	3.7	4.1	4.2	—
Special industry machinery .....	355	41.8	41.7	42.7	42.8	—	4.5	4.4	4.9	5.0	—
Textile machinery .....	3552	39.4	39.7	41.5	40.6	—	3.3	3.4	3.5	3.2	—
Printing trades machinery .....	3555	41.1	41.1	41.6	42.0	—	4.3	3.9	4.6	5.1	—
Food products machinery .....	3556	41.8	42.3	42.3	42.4	—	4.2	4.4	4.3	4.2	—
General industrial machinery .....	356	41.6	41.7	42.6	42.8	—	4.2	4.3	4.8	4.8	—
Pumps and pumping equipment .....	3561	40.6	40.9	41.3	41.6	—	3.4	3.7	3.8	3.5	—
Ball and roller bearings .....	3562	41.6	42.0	43.4	44.2	—	4.6	5.2	6.4	7.0	—
Air and gas compressors .....	3563	44.0	43.2	43.3	43.1	—	5.2	5.1	4.4	5.0	—
Blowers and fans .....	3564	41.5	42.0	42.8	42.6	—	2.9	3.0	4.1	4.0	—
Speed changers, drives, and gears .....	3566	41.7	41.7	42.2	42.5	—	4.9	4.7	4.9	4.8	—
Power transmission equipment, nec .....	3568	40.6	41.2	42.7	42.5	—	4.2	4.9	5.9	5.0	—
Computer and office equipment .....	357	40.9	40.5	38.6	38.9	—	3.6	3.1	2.5	2.6	—
Electronic computers .....	3571	40.8	40.4	37.6	38.0	—	4.0	3.2	1.6	1.5	—
Computer terminals, calculators, and office machines, nec .....	3575,8,9	41.3	41.4	39.5	39.1	—	3.8	4.4	4.8	4.9	—
Refrigeration and service machinery .....	358	41.9	43.0	41.5	42.1	—	4.7	5.5	4.4	4.5	—
Refrigeration and heating equipment .....	3585	42.4	43.6	41.8	42.5	—	5.3	6.2	4.8	5.1	—
Misc. industrial and commercial machinery .....	359	42.2	42.2	43.1	43.0	—	5.0	4.9	5.6	5.4	—
Carburetors, pistons, rings, valves .....	3592	40.4	40.9	41.6	41.1	—	5.4	5.7	5.8	5.4	—
Scales, balances, and industrial machinery, nec ..	3596,9	42.4	42.4	43.2	43.1	—	5.1	5.0	5.7	5.5	—
Electronic and other electrical equipment .....	36	40.8	41.1	41.4	41.7	41.8	3.6	3.6	3.9	4.0	—
Electric distribution equipment .....	361	40.4	41.1	42.5	43.0	—	3.8	4.0	4.9	4.9	—
Transformers, except electronic .....	3612	42.1	42.7	42.7	43.5	—	3.4	3.9	4.1	4.5	—
Switchgear and switchboard apparatus .....	3613	39.0	39.7	42.2	42.6	—	4.1	4.1	5.8	5.3	—
Electrical industrial apparatus .....	362	40.9	41.3	41.5	42.0	—	3.2	3.5	3.9	4.0	—
Motors and generators .....	3621	41.1	41.8	41.4	42.3	—	3.2	3.6	3.7	4.0	—
Relays and industrial controls .....	3625	40.2	40.3	41.5	41.2	—	3.0	3.0	4.3	4.1	—
Household appliances .....	363	40.7	40.1	40.0	40.9	—	2.1	2.1	1.9	1.8	—
Household refrigerators and freezers .....	3632	41.3	40.9	39.7	40.8	—	1.9	1.8	0.6	0.5	—
Household laundry equipment .....	3633	39.2	39.7	38.9	40.3	—	3.8	3.8	0.4	2.1	—
Electric housewares and fans .....	3634	41.1	40.4	39.7	40.1	—	2.2	1.4	2.3	2.0	—
Electric lighting and wiring equipment .....	364	41.1	41.6	41.8	42.1	—	4.1	4.3	4.3	4.3	—
Electric lamps .....	3641	42.9	42.3	44.0	43.9	—	5.5	5.3	5.2	5.2	—
Current-carrying wiring devices .....	3643	40.2	40.7	41.9	42.1	—	4.0	3.9	4.7	4.6	—
Noncurrent-carrying wiring devices .....	3644	41.3	41.4	42.2	41.2	—	4.1	3.9	4.6	4.2	—
Residential lighting fixtures .....	3645	39.8	39.6	38.7	40.3	—	3.1	3.1	1.9	2.3	—
Household audio and video equipment .....	365	38.4	38.6	39.3	39.8	—	4.4	4.7	4.5	4.5	—
Household audio and video equipment .....	3651	38.1	39.3	39.6	39.5	—	2.7	3.6	3.6	3.4	—
Communications equipment .....	366	40.2	41.2	41.6	42.2	—	2.6	2.8	3.4	3.8	—
Telephone and telegraph apparatus .....	3661	42.0	42.9	42.1	42.8	—	3.2	3.4	4.2	4.8	—
Electronic components and accessories .....	367	41.2	41.2	41.7	41.8	—	3.9	3.8	4.2	4.4	—
Electron tubes .....	3671	42.5	42.9	43.1	41.7	—	2.9	3.2	3.1	2.5	—
Semiconductors and related devices .....	3674	41.5	41.7	42.8	42.3	—	4.3	4.3	5.2	5.2	—
Electronic components, nec .....	3679	41.1	41.0	40.2	40.6	—	3.5	3.6	3.3	3.4	—
Misc. electrical equipment and supplies .....	369	41.2	41.9	41.7	41.0	—	3.9	4.1	4.2	4.0	—
Storage batteries .....	3691	40.7	40.6	40.5	39.9	—	3.4	3.5	4.0	3.9	—
Engine electrical equipment .....	3694	41.8	43.3	42.7	41.8	—	4.7	5.2	5.0	4.6	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	\$14.81	\$14.85	\$15.40	\$15.42	\$15.44	\$623.50	\$626.67	\$652.96	\$655.35	\$656.20
Engines and turbines .....	351	18.10	18.14	17.57	17.66	—	809.07	805.42	760.78	750.55	—
Turbines and turbine generator sets .....	3511	20.23	20.46	21.80	21.90	—	896.19	918.65	1,009.34	1,009.59	—
Internal combustion engines, nec .....	3519	17.42	17.40	16.28	16.30	—	780.42	769.08	690.27	676.45	—
Farm and garden machinery .....	352	13.48	13.43	14.43	14.39	—	559.42	558.69	610.39	610.14	—
Farm machinery and equipment .....	3523	14.48	14.36	15.48	15.49	—	599.47	598.81	664.09	667.62	—
Construction and related machinery .....	353	14.01	14.05	14.61	14.59	—	596.83	597.13	641.38	637.58	—
Construction machinery .....	3531	14.13	14.16	14.81	14.90	—	614.66	613.13	666.45	671.99	—
Mining machinery .....	3532	14.44	14.35	15.11	14.90	—	576.16	571.13	611.96	609.41	—
Oil and gas field machinery .....	3533	14.46	14.55	15.25	15.16	—	618.89	634.38	695.40	685.23	—
Conveyors and conveying equipment .....	3535	14.18	14.34	14.64	14.52	—	587.05	589.37	629.52	618.55	—
Industrial trucks and tractors .....	3537	12.95	12.85	13.37	13.34	—	537.43	531.99	569.56	562.95	—
Metalworking machinery .....	354	15.81	15.81	16.29	16.30	—	676.67	676.67	702.10	702.53	—
Machine tools, metal cutting types .....	3541	15.66	15.64	16.17	16.21	—	670.25	666.26	701.78	700.27	—
Machine tools, metal forming types .....	3542	16.23	16.39	16.69	16.88	—	699.51	709.69	756.06	771.42	—
Special dies, tools, jigs, and fixtures .....	3544	16.50	16.51	16.99	16.97	—	716.10	718.19	747.56	746.68	—
Machine tool accessories .....	3545	13.94	13.94	14.46	14.44	—	578.51	582.69	604.43	602.15	—
Power driven handtools .....	3546	12.63	12.70	13.60	13.59	—	514.04	530.86	534.48	543.60	—
Special industry machinery .....	355	15.47	15.51	16.14	16.27	—	646.65	646.77	689.18	696.36	—
Textile machinery .....	3552	13.46	13.33	14.13	14.20	—	530.32	529.20	586.40	576.52	—
Printing trades machinery .....	3555	16.11	15.86	16.48	16.84	—	662.12	651.85	685.57	707.28	—
Food products machinery .....	3556	15.18	15.20	15.61	15.43	—	634.52	642.96	660.30	654.23	—
General industrial machinery .....	356	14.21	14.32	14.61	14.58	—	591.14	597.14	622.39	624.02	—
Pumps and pumping equipment .....	3561	15.06	15.16	15.36	15.38	—	611.44	620.04	634.37	639.81	—
Ball and roller bearings .....	3562	14.80	15.21	15.36	15.32	—	615.68	638.82	666.62	677.14	—
Air and gas compressors .....	3563	14.46	14.52	15.06	15.04	—	636.24	627.26	652.10	648.22	—
Blowers and fans .....	3564	11.73	11.70	12.21	12.29	—	486.80	491.40	522.59	523.55	—
Speed changers, drives, and gears .....	3566	15.62	15.69	16.78	16.71	—	651.35	654.27	708.12	710.18	—
Power transmission equipment, nec .....	3568	13.99	14.22	14.61	14.45	—	567.99	585.86	623.85	614.13	—
Computer and office equipment .....	357	15.89	16.01	17.51	17.65	—	649.90	648.41	675.89	686.59	—
Electronic computers .....	3571	17.82	17.96	19.66	19.80	—	727.06	725.58	739.22	752.40	—
Computer terminals, calculators, and office machines, nec .....	3575,8,9	14.48	14.48	14.05	14.16	—	598.02	599.47	554.98	553.66	—
Refrigeration and service machinery .....	358	13.40	13.54	13.34	13.39	—	561.46	582.22	553.61	563.72	—
Refrigeration and heating equipment .....	3585	13.75	13.89	13.50	13.54	—	583.00	605.60	564.30	575.45	—
Misc. industrial and commercial machinery .....	359	14.36	14.35	15.07	15.10	—	605.99	605.57	649.52	649.30	—
Carburetors, pistons, rings, valves .....	3592	14.83	14.79	15.42	15.38	—	599.13	604.91	641.47	632.12	—
Scales, balances, and industrial machinery, nec ..	3596,9	14.23	14.22	15.00	15.03	—	603.35	602.93	648.00	647.79	—
<b>Electronic and other electrical equipment .....</b>	<b>36</b>	<b>13.27</b>	<b>13.31</b>	<b>13.70</b>	<b>13.68</b>	<b>13.78</b>	<b>541.42</b>	<b>547.04</b>	<b>567.18</b>	<b>570.46</b>	<b>576.00</b>
Electric distribution equipment .....	361	13.13	13.08	13.17	13.17	—	530.45	537.59	559.73	566.31	—
Transformers, except electronic .....	3612	12.07	12.10	11.96	11.97	—	508.15	516.67	510.69	520.70	—
Switchgear and switchboard apparatus .....	3613	14.11	13.98	14.34	14.34	—	550.29	555.01	605.15	610.88	—
Electrical industrial apparatus .....	362	12.85	12.94	13.19	13.10	—	525.57	534.42	547.39	550.20	—
Motors and generators .....	3621	11.75	11.81	12.07	11.99	—	482.93	493.66	499.70	507.18	—
Relays and industrial controls .....	3625	14.76	14.74	14.99	14.97	—	593.35	594.02	622.09	616.76	—
Household appliances .....	363	12.76	12.80	13.56	13.61	—	519.33	513.28	542.40	556.65	—
Household refrigerators and freezers .....	3632	14.88	14.54	16.14	16.21	—	614.54	594.69	640.76	661.37	—
Household laundry equipment .....	3633	14.01	13.95	13.43	13.59	—	549.19	553.82	522.43	547.68	—
Electric housewares and fans .....	3634	11.08	11.07	11.49	11.49	—	455.39	447.23	456.15	460.75	—
Electric lighting and wiring equipment .....	364	12.81	12.88	13.33	13.32	—	526.49	535.81	557.19	560.77	—
Electric lamps .....	3641	17.49	17.64	17.78	18.12	—	750.32	746.17	782.32	795.47	—
Current-carrying wiring devices .....	3643	13.18	13.21	13.47	13.40	—	529.84	537.65	564.39	564.14	—
Noncurrent-carrying wiring devices .....	3644	12.15	12.25	12.46	12.63	—	501.80	507.15	525.81	520.36	—
Residential lighting fixtures .....	3645	9.50	9.81	9.77	9.69	—	378.10	388.48	378.10	390.51	—
Household audio and video equipment .....	365	12.12	12.22	12.56	12.55	—	465.41	471.69	493.61	499.49	—
Household audio and video equipment .....	3651	11.92	12.05	12.50	12.54	—	454.15	473.57	495.00	495.33	—
Communications equipment .....	366	14.03	13.94	14.20	14.20	—	564.01	574.33	590.72	599.24	—
Telephone and telegraph apparatus .....	3661	14.69	14.64	14.89	14.98	—	616.98	628.06	626.87	641.14	—
Electronic components and accessories .....	367	13.49	13.60	13.96	13.93	—	555.79	560.32	582.13	582.27	—
Electron tubes .....	3671	14.69	14.67	14.09	14.15	—	624.33	629.34	607.28	590.06	—
Semiconductors and related devices .....	3674	17.93	18.14	19.23	19.02	—	744.10	756.44	823.04	804.55	—
Electronic components, nec .....	3679	11.07	11.16	11.39	11.37	—	454.98	457.56	457.88	461.62	—
Misc. electrical equipment and supplies .....	369	13.68	13.49	14.09	14.09	—	563.62	565.23	587.55	577.69	—
Storage batteries .....	3691	15.07	15.22	15.30	15.44	—	613.35	617.93	619.65	616.06	—
Engine electrical equipment .....	3694	13.65	13.32	14.07	13.84	—	570.57	576.76	600.79	578.51	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	43.9	44.2	44.0	43.9	44.1	5.3	5.6	5.6	5.7	—
Motor vehicles and equipment .....	371	45.1	45.6	45.0	45.0	45.5	6.0	6.6	6.3	6.5	—
Motor vehicles and car bodies .....	3711	45.1	45.9	45.5	46.1	—	6.0	6.7	6.2	6.5	—
Truck and bus bodies .....	3713	43.9	44.6	44.3	44.2	—	4.7	5.7	5.2	5.3	—
Motor vehicle parts and accessories .....	3714	45.5	45.9	45.2	45.0	—	6.3	7.0	6.8	6.9	—
Truck trailers .....	3715	41.9	43.1	42.4	41.8	—	3.3	3.7	3.8	3.2	—
Aircraft and parts .....	372	42.9	42.5	43.3	43.2	—	4.6	4.2	4.9	5.0	—
Aircraft .....	3721	42.3	42.2	43.1	42.9	—	4.0	3.9	4.6	4.6	—
Aircraft engines and engine parts .....	3724	44.1	43.9	45.7	45.8	—	5.8	5.1	6.4	6.6	—
Aircraft parts and equipment, nec .....	3728	42.8	42.1	42.0	42.0	—	4.5	4.0	4.3	4.4	—
Ship and boat building and repairing .....	373	40.9	41.1	40.8	40.1	—	4.4	4.2	4.0	3.8	—
Ship building and repairing .....	3731	41.6	41.1	41.1	40.2	—	5.1	4.2	4.0	3.7	—
Boat building and repairing .....	3732	39.8	41.1	40.3	40.1	—	3.3	4.1	4.1	4.0	—
Railroad equipment .....	374	41.5	41.9	41.8	42.2	—	3.6	3.8	3.9	4.5	—
Guided missiles, space vehicles, and parts .....	376	42.0	41.6	41.1	40.8	—	3.8	3.8	3.6	3.7	—
Guided missiles and space vehicles .....	3761	41.1	40.6	40.8	40.3	—	3.3	3.3	3.7	3.4	—
Misc. transportation equipment .....	379	41.3	41.8	41.2	40.5	—	3.5	4.0	3.1	3.0	—
Travel trailers and campers .....	3792	39.8	40.6	40.1	40.2	—	2.2	2.7	2.2	2.2	—
Instruments and related products .....	38	41.4	41.5	41.3	41.2	41.2	3.2	3.1	3.4	3.4	—
Search and navigation equipment .....	381	41.5	41.8	40.8	41.1	—	3.1	3.3	2.7	3.0	—
Measuring and controlling devices .....	382	41.3	41.3	41.6	41.6	—	3.1	3.1	3.7	3.9	—
Environmental controls .....	3822	42.5	43.5	43.0	43.5	—	4.3	5.0	4.7	5.0	—
Process control instruments .....	3823	40.4	40.3	41.0	40.5	—	3.0	3.0	3.5	3.3	—
Instruments to measure electricity .....	3825	41.0	40.4	41.5	41.2	—	2.5	2.1	3.4	3.4	—
Medical instruments and supplies .....	384	41.3	41.3	41.3	40.9	—	3.4	3.2	3.6	3.4	—
Surgical and medical instrument .....	3841	41.4	41.2	41.5	41.0	—	3.8	3.4	4.0	3.7	—
Surgical appliances and supplies .....	3842	41.4	41.1	40.2	40.0	—	3.5	3.1	2.7	2.6	—
Ophthalmic goods .....	385	41.6	41.9	40.4	40.0	—	2.3	3.1	1.7	1.5	—
Photographic equipment and supplies .....	386	42.3	42.9	41.7	42.3	—	2.9	2.8	3.4	3.7	—
Watches, clocks, watchcases, and parts .....	387	40.4	40.4	40.0	37.9	—	1.9	1.3	3.0	2.5	—
Miscellaneous manufacturing industries .....	39	40.0	39.9	39.3	39.5	39.5	3.1	3.1	2.5	2.5	—
Jewelry, silverware, and plated ware .....	391	38.2	38.3	38.3	38.6	—	2.5	2.5	1.9	2.1	—
Jewelry, precious metal .....	3911	37.3	37.4	37.1	37.6	—	2.5	2.4	1.7	2.0	—
Musical instruments .....	393	39.8	40.0	39.1	39.4	—	2.5	2.3	2.8	2.9	—
Toys and sporting goods .....	394	41.6	41.1	39.4	39.8	—	3.7	3.3	2.5	2.5	—
Dolls, games, toys, and children's vehicles .....	3942,4	37.8	37.3	38.0	38.4	—	1.7	1.4	1.3	0.9	—
Sporting and athletic goods, nec .....	3949	43.1	42.6	39.9	40.4	—	4.6	4.1	3.0	3.1	—
Pens, pencils, office, and art supplies .....	395	38.9	38.9	39.4	39.7	—	2.7	2.6	2.0	2.2	—
Costume jewelry and notions .....	396	38.1	37.8	37.7	37.2	—	1.9	1.6	2.0	1.6	—
Costume jewelry .....	3961	37.2	36.1	35.4	34.6	—	1.4	0.5	1.4	0.5	—
Miscellaneous manufactures .....	399	40.1	40.2	39.8	39.9	—	3.2	3.4	2.7	2.8	—
Signs and advertising specialties .....	3993	40.4	40.4	40.0	40.1	—	3.5	3.7	3.0	3.3	—
<b>Nondurable goods .....</b>		<b>40.6</b>	<b>40.7</b>	<b>40.6</b>	<b>40.6</b>	<b>40.8</b>	<b>4.2</b>	<b>4.2</b>	<b>4.1</b>	<b>4.1</b>	<b>4.2</b>
Food and kindred products .....	20	41.1	41.2	40.9	40.9	41.0	4.9	4.9	4.8	4.6	—
Meat products .....	201	41.0	41.2	40.9	40.9	—	4.9	5.0	4.8	4.5	—
Meat packing plants .....	2011	43.7	43.1	42.5	43.2	—	6.6	6.4	5.3	5.6	—
Sausages and other prepared meats .....	2013	42.4	43.1	42.2	41.5	—	6.1	6.4	6.3	5.8	—
Poultry slaughtering and processing .....	2015	38.9	39.5	39.6	39.2	—	3.5	3.6	3.9	3.4	—
Dairy products .....	202	42.4	42.6	41.5	42.0	—	5.1	5.3	4.8	5.0	—
Cheese, natural and processed .....	2022	42.8	43.2	40.7	42.4	—	4.7	5.2	4.0	4.8	—
Fluid milk .....	2026	41.9	42.0	41.9	41.7	—	4.8	4.7	4.9	4.9	—
Preserved fruits and vegetables .....	203	40.2	40.3	40.1	39.5	—	4.5	4.8	4.5	4.1	—
Canned specialties .....	2032	40.8	40.7	43.0	40.3	—	5.1	5.1	6.1	6.1	—
Canned fruits and vegetables .....	2033	38.7	39.1	39.2	39.1	—	3.3	4.3	4.2	4.1	—
Frozen fruits and vegetables .....	2037	40.9	40.5	38.6	38.4	—	4.7	5.0	4.2	3.9	—
Grain mill products .....	204	43.3	43.7	45.1	44.5	—	6.5	6.3	7.0	6.2	—
Flour and other grain mill products .....	2041	44.0	43.9	45.4	45.2	—	6.3	6.4	6.8	6.5	—
Prepared feeds, nec .....	2048	42.0	42.1	42.9	42.7	—	6.5	6.2	6.3	5.7	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	\$17.66	\$17.88	\$18.65	\$18.77	\$18.87	\$775.27	\$790.30	\$820.60	\$824.00	\$832.17
Motor vehicles and equipment .....	371	17.98	18.31	19.10	19.23	19.38	810.90	834.94	859.50	865.35	881.79
Motor vehicles and car bodies .....	3711	21.65	21.94	23.42	23.46	—	976.42	1,007.05	1,065.61	1,081.51	—
Truck and bus bodies .....	3713	14.88	15.17	15.28	15.46	—	653.23	676.58	676.90	683.33	—
Motor vehicle parts and accessories .....	3714	16.81	17.19	17.78	17.89	—	764.86	789.02	803.66	805.05	—
Truck trailers .....	3715	11.46	11.50	11.79	11.82	—	480.17	495.65	499.90	494.08	—
Aircraft and parts .....	372	19.33	19.34	20.40	20.53	—	829.26	821.95	883.32	886.90	—
Aircraft .....	3721	(2)	(2)	(2)	(2)	—	—	—	—	—	—
Aircraft engines and engine parts .....	3724	19.32	19.31	20.28	20.54	—	852.01	847.71	926.80	940.73	—
Aircraft parts and equipment, nec .....	3728	16.98	17.04	18.09	18.25	—	726.74	717.38	759.78	766.50	—
Ship and boat building and repairing .....	373	13.68	13.61	14.19	14.21	—	559.51	559.37	578.95	569.82	—
Ship building and repairing .....	3731	15.04	15.05	15.73	15.68	—	625.66	618.56	646.50	630.34	—
Boat building and repairing .....	3732	11.69	11.80	12.31	12.41	—	465.26	484.98	496.09	497.64	—
Railroad equipment .....	374	16.06	16.19	17.08	17.23	—	666.49	678.36	713.94	727.11	—
Guided missiles, space vehicles, and parts .....	376	20.38	20.13	20.44	20.59	—	855.96	837.41	840.08	840.07	—
Guided missiles and space vehicles .....	3761	(2)	(2)	(2)	(2)	—	—	—	—	—	—
Misc. transportation equipment .....	379	12.29	12.48	13.03	13.13	—	507.58	521.66	536.84	531.77	—
Travel trailers and campers .....	3792	12.36	12.54	13.46	13.65	—	491.93	509.12	539.75	548.73	—
Instruments and related products .....	38	13.97	14.07	14.41	14.42	14.47	578.36	583.91	595.13	594.10	596.16
Search and navigation equipment .....	381	17.62	17.67	17.39	17.14	—	731.23	738.61	709.51	704.45	—
Measuring and controlling devices .....	382	14.17	14.23	14.59	14.63	—	585.22	587.70	606.94	608.61	—
Environmental controls .....	3822	12.07	12.16	11.94	11.91	—	512.98	528.96	513.42	518.09	—
Process control instruments .....	3823	14.46	14.44	14.68	14.68	—	584.18	581.93	601.88	594.54	—
Instruments to measure electricity .....	3825	16.30	16.46	17.14	17.10	—	668.30	664.98	711.31	704.52	—
Medical instruments and supplies .....	384	12.81	12.92	13.12	13.16	—	529.05	533.60	541.86	538.24	—
Surgical and medical instrument .....	3841	12.17	12.19	12.55	12.58	—	503.84	502.23	520.83	515.78	—
Surgical appliances and supplies .....	3842	12.12	12.11	12.40	12.41	—	501.77	497.72	498.48	496.40	—
Ophthalmic goods .....	385	10.58	10.59	10.96	10.92	—	440.13	443.72	442.78	436.80	—
Photographic equipment and supplies .....	386	16.92	17.17	18.52	18.43	—	715.72	736.59	772.28	779.59	—
Watches, clocks, watchcases, and parts .....	387	10.66	10.59	11.45	11.73	—	430.66	427.84	458.00	444.57	—
Miscellaneous manufacturing industries .....	39	11.19	11.25	11.55	11.57	11.63	447.60	448.88	453.92	457.02	459.39
Jewelry, silverware, and plated ware .....	391	11.77	11.82	12.34	12.33	—	449.61	452.71	472.62	475.94	—
Jewelry, precious metal .....	3911	11.68	11.71	12.12	12.05	—	435.66	437.95	449.65	453.08	—
Musical instruments .....	393	11.78	11.75	12.45	12.30	—	468.84	470.00	486.80	484.62	—
Toys and sporting goods .....	394	10.67	10.75	10.99	11.05	—	443.87	441.83	433.01	439.79	—
Dolls, games, toys, and children's vehicles .....	3942,4	10.27	10.34	10.87	10.94	—	388.21	385.68	413.06	420.10	—
Sporting and athletic goods, nec .....	3949	10.81	10.89	11.04	11.09	—	465.91	463.91	440.50	448.04	—
Pens, pencils, office, and art supplies .....	395	11.37	11.56	11.66	11.76	—	442.29	449.68	459.40	466.87	—
Costume jewelry and notions .....	396	10.01	10.05	10.59	10.60	—	381.38	379.89	399.24	394.32	—
Costume jewelry .....	3961	9.04	8.96	9.46	9.41	—	336.29	323.46	334.88	325.59	—
Miscellaneous manufactures .....	399	11.39	11.45	11.66	11.66	—	456.74	460.29	464.07	465.23	—
Signs and advertising specialties .....	3993	12.18	12.31	12.73	12.72	—	492.07	497.32	509.20	510.07	—
<b>Nondurable goods .....</b>		<b>13.03</b>	<b>13.09</b>	<b>13.37</b>	<b>13.40</b>	<b>13.49</b>	<b>529.02</b>	<b>532.76</b>	<b>542.82</b>	<b>544.04</b>	<b>550.39</b>
Food and kindred products .....	20	11.93	12.07	12.24	12.29	12.42	490.32	497.28	500.62	502.66	509.22
Meat products .....	201	9.77	9.85	10.12	10.11	—	400.57	405.82	413.91	413.50	—
Meat packing plants .....	2011	10.52	10.70	10.82	10.86	—	459.72	461.17	459.85	469.15	—
Sausages and other prepared meats .....	2013	11.07	11.08	11.43	11.33	—	469.37	477.55	482.35	470.20	—
Poultry slaughtering and processing .....	2015	8.79	8.84	9.17	9.12	—	341.93	349.18	363.13	357.50	—
Dairy products .....	202	13.90	13.95	14.27	14.25	—	589.36	594.27	592.21	598.50	—
Cheese, natural and processed .....	2022	12.76	12.83	12.77	12.90	—	546.13	554.26	519.74	546.96	—
Fluid milk .....	2026	14.60	14.62	15.00	15.08	—	611.74	614.04	628.50	628.84	—
Preserved fruits and vegetables .....	203	11.59	11.72	11.96	11.99	—	465.92	472.32	479.60	473.61	—
Canned specialties .....	2032	14.88	15.58	15.69	15.39	—	607.10	634.11	674.67	620.22	—
Canned fruits and vegetables .....	2033	12.96	13.04	13.16	13.38	—	501.55	509.86	515.87	523.16	—
Frozen fruits and vegetables .....	2037	10.82	10.84	11.18	11.42	—	442.54	439.02	431.55	438.53	—
Grain mill products .....	204	14.83	14.95	15.08	14.95	—	642.14	653.32	680.11	665.28	—
Flour and other grain mill products .....	2041	13.19	13.18	13.40	13.32	—	580.36	578.60	608.36	602.06	—
Prepared feeds, nec .....	2048	12.30	12.25	12.61	12.58	—	516.60	515.73	540.97	537.17	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>p</sup>	Apr. 2000 <sup>p</sup>	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>p</sup>	Apr. 2000 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
<b>Food and kindred products—Continued</b>											
Bakery products .....	205	39.9	40.3	40.4	39.9	—	4.2	4.5	4.5	4.6	—
Bread, cake, and related products .....	2051	40.6	40.9	41.1	40.8	—	4.7	4.9	5.3	5.2	—
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	38.7	39.4	39.3	38.4	—	3.4	3.7	3.3	3.5	—
Sugar and confectionery products .....	206	40.7	39.0	40.3	40.2	—	3.9	3.2	4.2	4.1	—
Raw cane sugar .....	2061	56.2	44.5	45.3	40.5	—	13.8	6.8	8.9	4.9	—
Cane sugar refining .....	2062	49.3	48.3	52.2	53.8	—	7.8	7.2	12.7	13.1	—
Beet sugar .....	2063	41.1	39.6	41.3	41.0	—	4.0	2.9	4.2	4.2	—
Candy and other confectionery products .....	2064	39.3	38.1	38.4	38.6	—	3.1	2.9	3.5	3.2	—
Fats and oils .....	207	41.3	41.7	41.7	41.6	—	5.7	5.8	5.7	5.7	—
Beverages .....	208	43.6	44.0	41.7	43.0	—	5.2	5.3	4.3	4.8	—
Malt beverages .....	2082	44.9	46.2	44.8	46.0	—	6.7	7.3	7.1	7.5	—
Bottled and canned soft drinks .....	2086	44.8	44.9	41.3	43.8	—	6.2	5.8	3.6	4.7	—
Misc. food and kindred products .....	209	40.2	39.4	38.9	38.9	—	5.1	4.4	4.4	4.3	—
Tobacco products .....	21	38.1	38.4	39.3	38.9	39.6	2.7	1.8	2.5	2.8	—
Cigarettes .....	211	38.7	38.9	37.3	38.6	—	3.6	2.0	1.4	2.6	—
Textile mill products .....	22	40.3	40.9	41.3	41.4	41.6	4.1	4.3	4.4	4.4	—
Broadwoven fabric mills, cotton .....	221	40.2	41.7	42.3	42.6	—	4.7	5.7	5.3	5.3	—
Broadwoven fabric mills, synthetics .....	222	40.3	40.8	42.7	42.8	—	4.2	4.0	4.9	4.7	—
Broadwoven fabric mills, wool .....	223	36.5	39.3	41.9	40.9	—	3.0	3.4	4.1	3.8	—
Narrow fabric mills .....	224	41.1	40.2	40.1	39.6	—	2.9	2.7	3.1	3.2	—
Knitting mills .....	225	39.1	39.4	39.8	39.7	—	3.3	3.5	4.0	4.0	—
Women's hosiery, except socks .....	2251	39.7	39.6	38.5	38.1	—	2.9	3.2	3.2	3.1	—
Hosiery, nec .....	2252	37.5	37.2	39.0	38.5	—	2.8	2.7	3.7	3.5	—
Knit outerwear mills .....	2253	38.1	39.0	39.5	39.6	—	2.9	2.9	3.5	3.7	—
Knit underwear mills .....	2254	41.5	41.7	36.8	38.3	—	1.7	2.2	1.2	1.4	—
Weft knit fabric mills .....	2257	39.7	40.5	42.5	42.1	—	4.4	5.1	6.1	5.9	—
Textile finishing, except wool .....	226	41.9	41.9	41.0	41.5	—	4.8	5.0	4.5	4.9	—
Finishing plants, cotton .....	2261	42.3	42.1	40.5	41.4	—	4.7	5.1	4.2	5.0	—
Finishing plants, synthetics .....	2262	42.9	43.1	43.3	43.2	—	5.4	5.3	5.2	5.2	—
Carpets and rugs .....	227	41.6	42.0	40.9	41.2	—	4.6	4.5	3.6	3.6	—
Yarn and thread mills .....	228	40.1	41.1	42.3	42.6	—	4.1	4.3	5.0	5.0	—
Yarn spinning mills .....	2281	40.9	41.7	42.9	43.1	—	4.4	4.5	5.3	5.2	—
Throwing and winding mills .....	2282	37.2	38.4	40.4	40.7	—	3.4	3.5	4.0	4.0	—
Miscellaneous textile goods .....	229	41.4	42.2	42.0	41.6	—	4.1	4.7	4.3	4.0	—
Apparel and other textile products .....	23	37.4	37.6	37.6	37.7	37.8	2.3	2.3	2.4	2.5	—
Men's and boys' suits and coats .....	231	36.8	36.4	37.0	37.0	—	0.8	0.7	1.0	1.0	—
Men's and boys' furnishings .....	232	35.9	35.7	36.6	36.7	—	1.3	1.5	1.5	1.6	—
Men's and boys' shirts .....	2321	35.1	34.8	36.0	35.3	—	1.5	1.3	1.3	1.6	—
Men's and boys' trousers and slacks .....	2325	35.8	34.8	36.1	36.7	—	1.4	1.6	1.4	1.7	—
Men's and boys' work clothing .....	2326	35.8	36.9	36.8	37.0	—	1.3	1.6	1.6	1.8	—
Women's and misses' outerwear .....	233	37.0	36.8	36.8	36.8	—	1.9	1.7	1.9	2.1	—
Women's and misses' blouses and shirts .....	2331	34.6	35.8	36.5	35.8	—	2.4	1.7	1.9	2.2	—
Women's, juniors', and misses' dresses .....	2335	38.4	37.7	39.3	38.9	—	3.0	2.6	3.3	3.3	—
Women's and misses' suits and coats .....	2337	36.7	36.5	37.1	36.7	—	2.0	1.6	2.1	1.8	—
Women's and misses' outerwear, nec .....	2339	37.1	36.8	36.2	36.5	—	1.6	1.6	1.6	1.8	—
Women's and children's undergarments .....	234	36.1	35.8	35.3	36.4	—	1.6	1.4	1.9	1.9	—
Women's and children's underwear .....	2341	35.9	36.0	36.8	37.1	—	1.1	1.2	2.3	2.2	—
Brassieres, girdles, and allied garments .....	2342	36.5	35.2	31.3	34.6	—	2.8	2.1	0.9	1.2	—
Girls' and children's outerwear .....	236	35.4	36.3	39.4	38.8	—	2.7	2.7	3.9	3.0	—
Girls' and children's dresses and blouses .....	2361	37.2	37.9	39.0	38.6	—	4.6	3.9	3.6	2.7	—
Misc. apparel and accessories .....	238	36.9	37.1	37.0	37.7	—	1.8	1.7	1.7	2.0	—
Misc. fabricated textile products .....	239	39.5	40.4	39.3	39.5	—	3.8	3.9	3.6	3.7	—
Curtains and draperies .....	2391	37.4	38.0	36.1	36.9	—	2.2	2.8	1.1	1.5	—
House furnishings, nec .....	2392	39.4	39.9	40.1	40.2	—	3.8	3.6	3.8	4.3	—
Automotive and apparel trimmings .....	2396	41.5	42.1	40.4	40.8	—	4.4	4.1	4.7	4.5	—
Paper and allied products .....	26	43.4	43.6	43.0	42.9	43.1	5.4	5.6	5.2	5.3	—
Paper mills .....	262	45.3	45.8	45.3	44.4	—	6.8	7.1	7.0	6.5	—
Paperboard mills .....	263	44.4	44.4	43.5	44.5	—	7.2	7.5	6.7	7.3	—

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
<b>Food and kindred products—Continued</b>											
Bakery products .....	205	\$12.97	\$13.04	\$12.82	\$13.02	—	\$517.50	\$525.51	\$517.93	\$519.50	—
Bread, cake, and related products .....	2051	13.00	13.09	13.08	13.17	—	527.80	535.38	537.59	537.34	—
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	12.92	12.95	12.33	12.75	—	500.00	510.23	484.57	489.60	—
Sugar and confectionery products .....	206	13.43	13.68	14.23	14.39	—	546.60	533.52	573.47	578.48	—
Raw cane sugar .....	2061	11.94	11.42	12.93	12.15	—	671.03	508.19	585.73	492.08	—
Cane sugar refining .....	2062	17.82	17.70	20.49	21.31	—	878.53	854.91	1,069.58	1,146.48	—
Beet sugar .....	2063	14.82	14.55	14.20	15.00	—	609.10	576.18	586.46	615.00	—
Candy and other confectionery products .....	2064	12.63	12.95	13.66	13.60	—	496.36	493.40	524.54	524.96	—
Fats and oils .....	207	13.09	13.27	13.40	13.56	—	540.62	553.36	558.78	564.10	—
Beverages .....	208	16.01	16.25	16.13	16.24	—	698.04	715.00	672.62	698.32	—
Malt beverages .....	2082	23.54	23.80	23.45	23.66	—	1,056.95	1,099.56	1,050.56	1,088.36	—
Bottled and canned soft drinks .....	2086	13.30	13.35	13.16	13.38	—	595.84	599.42	543.51	586.04	—
Misc. food and kindred products .....	209	10.76	11.05	11.14	11.24	—	432.55	435.37	433.35	437.24	—
Tobacco products .....	21	19.33	19.99	17.40	18.83	\$19.05	736.47	767.62	683.82	732.49	\$754.38
Cigarettes .....	211	24.48	24.29	24.26	25.05	—	947.38	944.88	904.90	966.93	—
Textile mill products .....	22	10.62	10.68	10.85	10.86	10.93	427.99	436.81	448.11	449.60	454.69
Broadwoven fabric mills, cotton .....	221	10.93	11.07	11.16	11.17	—	439.39	461.62	472.07	475.84	—
Broadwoven fabric mills, synthetics .....	222	11.41	11.42	11.66	11.70	—	459.82	465.94	497.88	500.76	—
Broadwoven fabric mills, wool .....	223	11.29	11.09	11.45	11.45	—	412.09	435.84	479.76	468.31	—
Narrow fabric mills .....	224	9.70	9.70	10.13	10.10	—	398.67	389.94	406.21	399.96	—
Knitting mills .....	225	9.84	9.89	10.10	10.12	—	384.74	389.67	401.98	401.76	—
Women's hosiery, except socks .....	2251	8.79	8.84	9.35	9.33	—	348.96	350.06	359.98	355.47	—
Hosiery, nec .....	2252	9.71	9.70	10.06	10.10	—	364.13	360.84	392.34	388.85	—
Knit outerwear mills .....	2253	9.42	9.50	9.73	9.71	—	358.90	370.50	384.34	384.52	—
Knit underwear mills .....	2254	9.75	9.86	9.70	9.78	—	404.63	411.16	356.96	374.57	—
Weft knit fabric mills .....	2257	10.53	10.61	10.45	10.48	—	418.04	429.71	444.13	441.21	—
Textile finishing, except wool .....	226	10.72	10.87	10.92	10.99	—	449.17	455.45	447.72	456.09	—
Finishing plants, cotton .....	2261	10.25	10.54	10.83	10.94	—	433.58	443.73	438.62	452.92	—
Finishing plants, synthetics .....	2262	11.49	11.53	11.28	11.39	—	492.92	496.94	488.42	492.05	—
Carpets and rugs .....	227	10.69	10.73	10.80	10.80	—	444.70	450.66	441.72	444.96	—
Yarn and thread mills .....	228	10.35	10.37	10.47	10.41	—	415.04	426.21	442.88	443.47	—
Yarn spinning mills .....	2281	10.41	10.39	10.44	10.38	—	425.77	433.26	447.88	447.38	—
Throwing and winding mills .....	2282	10.20	10.39	10.54	10.41	—	379.44	398.98	425.82	423.69	—
Miscellaneous textile goods .....	229	11.98	12.01	12.24	12.25	—	495.97	506.82	514.08	509.60	—
Apparel and other textile products .....	23	8.78	8.83	9.02	9.05	9.04	328.37	332.01	339.15	341.19	341.71
Men's and boys' suits and coats .....	231	8.82	8.92	9.17	9.21	—	324.58	324.69	339.29	340.77	—
Men's and boys' furnishings .....	232	8.20	8.27	8.45	8.54	—	294.38	295.24	309.27	313.42	—
Men's and boys' shirts .....	2321	8.03	8.10	8.16	8.20	—	281.85	281.88	293.76	289.46	—
Men's and boys' trousers and slacks .....	2325	8.53	8.60	8.51	8.64	—	305.37	299.28	307.21	317.09	—
Men's and boys' work clothing .....	2326	8.07	8.14	8.17	8.36	—	288.91	300.37	300.66	309.32	—
Women's and misses' outerwear .....	233	8.29	8.34	8.39	8.36	—	306.73	306.91	308.75	307.65	—
Women's and misses' blouses and shirts .....	2331	8.03	7.88	8.19	8.18	—	277.84	282.10	298.94	292.84	—
Women's, juniors', and misses' dresses .....	2335	9.56	9.79	9.94	9.87	—	367.10	369.08	390.64	383.94	—
Women's and misses' suits and coats .....	2337	8.40	8.27	8.53	8.40	—	308.28	301.86	316.46	308.28	—
Women's and misses' outerwear, nec .....	2339	8.03	8.10	8.05	8.04	—	297.91	298.08	291.41	293.46	—
Women's and children's undergarments .....	234	8.32	8.49	8.67	8.65	—	300.35	303.94	306.05	314.86	—
Women's and children's underwear .....	2341	8.20	8.28	8.56	8.45	—	294.38	298.08	315.01	313.50	—
Brassieres, girdles, and allied garments .....	2342	8.62	9.02	9.01	9.25	—	314.63	317.50	282.01	320.05	—
Girls' and children's outerwear .....	236	8.32	8.38	8.42	8.42	—	294.53	304.19	331.75	326.70	—
Girls' and children's dresses and blouses .....	2361	8.19	8.03	8.22	8.22	—	304.67	304.34	320.58	317.29	—
Misc. apparel and accessories .....	238	8.20	8.23	8.44	8.53	—	302.58	305.33	312.28	321.58	—
Misc. fabricated textile products .....	239	9.78	9.77	10.10	10.12	—	386.31	394.71	396.93	399.74	—
Curtains and draperies .....	2391	8.24	8.26	8.40	8.48	—	308.18	313.88	303.24	312.91	—
House furnishings, nec .....	2392	9.30	9.46	9.66	9.77	—	366.42	377.45	387.37	392.75	—
Automotive and apparel trimmings .....	2396	11.68	11.40	11.99	11.80	—	484.72	479.94	484.40	481.44	—
Paper and allied products .....	26	15.78	15.83	16.02	16.04	16.19	684.85	690.19	688.86	688.12	697.79
Paper mills .....	262	20.07	20.23	20.64	20.66	—	909.17	926.53	934.99	917.30	—
Paperboard mills .....	263	20.08	20.01	21.04	20.99	—	891.55	888.44	915.24	934.06	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	43.2	43.4	42.6	42.8	—	5.2	5.5	4.7	4.9	—
Corrugated and solid fiber boxes .....	2653	44.0	44.2	43.1	43.6	—	5.6	6.0	5.0	5.4	—
Sanitary food containers .....	2656	41.5	42.1	43.3	43.0	—	4.6	4.7	4.5	4.6	—
Folding paperboard boxes .....	2657	42.5	42.8	41.6	41.4	—	5.0	5.0	4.2	4.3	—
Misc. converted paper products .....	267	42.0	42.1	41.6	41.5	—	4.2	4.3	4.4	4.4	—
Paper, coated and laminated, nec .....	2672	42.0	42.2	43.5	43.4	—	3.6	3.7	4.3	4.4	—
Bags: plastics, laminated, and coated .....	2673	41.8	42.8	37.7	37.4	—	4.7	5.2	4.4	4.3	—
Envelopes .....	2677	41.2	41.1	41.3	41.9	—	4.0	3.9	3.6	3.4	—
Printing and publishing .....	27	37.9	38.1	38.0	38.1	38.3	3.0	3.0	2.8	3.0	—
Newspapers .....	271	32.7	33.0	32.9	32.9	—	1.4	1.4	1.3	1.4	—
Periodicals .....	272	35.3	36.0	36.2	36.1	—	2.2	2.5	2.0	1.4	—
Books .....	273	39.5	41.1	40.5	41.0	—	3.0	3.9	3.6	3.7	—
Book publishing .....	2731	36.7	38.2	38.6	38.5	—	1.5	2.1	2.2	1.9	—
Book printing .....	2732	42.1	43.7	42.2	43.3	—	4.4	5.5	4.8	5.4	—
Miscellaneous publishing .....	274	35.4	35.3	35.7	35.7	—	2.5	2.2	2.6	2.5	—
Commercial printing .....	275	39.6	39.6	39.4	39.5	—	3.6	3.5	3.5	3.7	—
Commercial printing, lithographic .....	2752	39.3	39.4	39.1	39.3	—	3.5	3.4	3.4	3.7	—
Commercial printing, nec .....	2759	40.0	40.0	39.7	39.7	—	3.9	3.9	3.4	3.6	—
Manifold business forms .....	276	42.1	41.8	41.0	41.3	—	4.1	4.0	4.2	4.3	—
Blankbooks and bookbinding .....	278	38.5	38.3	39.1	39.2	—	2.8	2.4	2.1	2.2	—
Printing trade services .....	279	40.5	40.2	41.3	41.0	—	4.3	4.0	4.0	4.2	—
Chemicals and allied products .....	28	42.8	42.7	42.6	42.5	42.7	4.9	4.8	5.0	4.7	—
Industrial inorganic chemicals .....	281	42.4	42.5	43.5	43.5	—	4.7	5.0	5.2	5.3	—
Industrial inorganic chemicals, nec .....	2819	42.9	42.6	44.1	44.5	—	5.0	5.4	5.4	5.7	—
Plastics materials and synthetics .....	282	42.7	42.8	43.0	42.8	—	4.7	4.4	4.9	4.8	—
Plastics materials and resins .....	2821	44.2	43.7	44.3	44.1	—	4.9	4.8	5.1	5.0	—
Organic fibers, noncellulosic .....	2824	41.2	42.0	42.1	41.6	—	4.0	3.8	5.2	4.6	—
Drugs .....	283	42.5	41.5	41.0	41.0	—	4.9	4.6	5.0	4.4	—
Pharmaceutical preparations .....	2834	42.9	41.9	41.5	41.5	—	4.7	4.5	5.0	4.4	—
Soap, cleaners, and toilet goods .....	284	41.5	41.2	41.4	41.1	—	3.7	3.6	3.7	3.6	—
Soap and other detergents .....	2841	44.3	43.7	42.9	42.5	—	5.4	5.4	5.0	4.9	—
Polishing, sanitation, and finishing preparations .....	2842,3	41.3	40.5	41.3	40.9	—	3.6	3.4	3.7	3.6	—
Toilet preparations .....	2844	40.2	40.2	40.5	40.5	—	2.8	2.8	3.0	2.8	—
Paints and allied products .....	285	42.1	42.6	41.7	41.8	—	4.3	4.6	3.8	3.8	—
Industrial organic chemicals .....	286	44.8	45.0	46.0	45.4	—	6.4	6.0	6.7	6.3	—
Cyclic crudes and intermediates .....	2865	45.3	44.7	45.4	45.2	—	5.6	5.3	6.4	5.8	—
Industrial organic chemicals, nec .....	2869	44.7	45.0	46.1	45.5	—	6.5	6.1	6.7	6.4	—
Agricultural chemicals .....	287	45.2	45.6	43.8	45.0	—	6.7	7.1	5.8	6.3	—
Miscellaneous chemical products .....	289	42.9	43.0	42.2	42.2	—	4.7	4.7	4.7	4.4	—
Petroleum and coal products .....	29	43.7	42.7	43.4	43.9	43.4	6.7	6.9	6.1	6.4	—
Petroleum refining .....	291	43.9	42.0	44.4	45.1	—	6.9	6.6	6.0	6.5	—
Asphalt paving and roofing materials .....	295	43.6	44.8	41.5	41.7	—	6.8	8.2	7.1	6.9	—
Rubber and misc. plastics products .....	30	41.8	41.8	41.3	41.3	41.7	4.3	4.4	4.2	4.1	—
Tires and inner tubes .....	301	43.1	42.3	41.9	41.7	—	5.5	5.3	5.2	5.2	—
Rubber and plastics footwear .....	302	40.0	39.5	41.7	40.0	—	4.1	3.4	2.9	2.4	—
Hose, belting, gaskets, and packing .....	305	42.7	43.3	42.6	42.2	—	4.4	4.7	5.1	4.9	—
Rubber and plastics hose and belting .....	3052	43.3	43.7	42.3	42.7	—	4.6	4.5	5.1	5.2	—
Fabricated rubber products, nec .....	306	41.9	42.5	42.4	42.3	—	4.1	4.3	4.3	4.3	—
Miscellaneous plastics products, nec .....	308	41.5	41.5	41.0	41.1	—	4.3	4.3	4.0	4.0	—
Leather and leather products .....	31	37.6	37.9	37.5	37.8	38.2	2.0	1.9	1.7	1.9	—
Leather tanning and finishing .....	311	43.1	42.7	43.6	43.8	—	4.6	4.7	5.5	6.0	—
Footwear, except rubber .....	314	36.3	37.3	35.8	35.9	—	1.3	1.2	0.9	1.0	—
Men's footwear, except athletic .....	3143	36.0	36.4	35.5	35.2	—	0.9	1.1	1.1	1.0	—
Women's footwear, except athletic .....	3144	37.3	39.1	35.7	35.3	—	1.8	1.1	0.0	0.3	—
Luggage .....	316	35.8	35.5	35.3	36.1	—	1.8	1.3	0.7	0.8	—
Handbags and personal leather goods .....	317	36.3	36.0	36.6	37.7	—	2.0	1.6	1.1	1.1	—
<b>Service-producing .....</b>		32.6	32.6	32.6	32.6	33.0	—	—	—	—	—
<b>Transportation and public utilities .....</b>		38.8	38.6	38.1	38.0	38.7	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	\$13.33	\$13.33	\$13.44	\$13.59	—	\$575.86	\$578.52	\$572.54	\$581.65	—
Corrugated and solid fiber boxes .....	2653	13.27	13.32	13.35	13.50	—	583.88	588.74	575.39	588.60	—
Sanitary food containers .....	2656	13.66	13.61	13.60	13.88	—	566.89	572.98	588.88	596.84	—
Folding paperboard boxes .....	2657	14.03	13.93	14.30	14.38	—	596.28	596.20	594.88	595.33	—
Misc. converted paper products .....	267	13.77	13.84	13.95	13.90	—	578.34	582.66	580.32	576.85	—
Paper, coated and laminated, nec .....	2672	16.05	16.09	16.76	16.59	—	674.10	679.00	729.06	720.01	—
Bags: plastics, laminated, and coated .....	2673	12.52	12.63	12.29	12.23	—	523.34	540.56	463.33	457.40	—
Envelopes .....	2677	12.71	12.70	13.02	12.87	—	523.65	521.97	537.73	539.25	—
Printing and publishing .....	27	13.73	13.73	14.13	14.19	\$14.21	520.37	523.11	536.94	540.64	\$544.24
Newspapers .....	271	13.41	13.47	13.88	13.88	—	438.51	444.51	456.65	456.65	—
Periodicals .....	272	15.21	15.33	15.46	15.51	—	536.91	551.88	559.65	559.91	—
Books .....	273	13.13	13.38	13.90	13.95	—	518.64	549.92	562.95	571.95	—
Book publishing .....	2731	12.56	12.66	13.62	13.56	—	460.95	483.61	525.73	522.06	—
Book printing .....	2732	13.58	13.94	14.14	14.27	—	571.72	609.18	596.71	617.89	—
Miscellaneous publishing .....	274	12.98	13.11	13.30	13.42	—	459.49	462.78	474.81	479.09	—
Commercial printing .....	275	13.99	13.91	14.29	14.38	—	554.00	550.84	563.03	568.01	—
Commercial printing, lithographic .....	2752	14.30	14.20	14.63	14.69	—	561.99	559.48	572.03	577.32	—
Commercial printing, nec .....	2759	13.16	13.17	13.46	13.61	—	526.40	526.80	534.36	540.32	—
Manifold business forms .....	276	14.27	14.10	14.57	14.74	—	600.77	589.38	597.37	608.76	—
Blankbooks and bookbinding .....	278	10.74	10.70	11.08	11.23	—	413.49	409.81	433.23	440.22	—
Printing trade services .....	279	17.14	17.16	16.95	16.90	—	694.17	689.83	700.04	692.90	—
Chemicals and allied products .....	28	17.18	17.27	17.78	17.75	17.96	735.30	737.43	757.43	754.38	766.89
Industrial inorganic chemicals .....	281	18.81	19.06	19.57	19.68	—	797.54	810.05	851.30	856.08	—
Industrial inorganic chemicals, nec .....	2819	19.38	19.72	20.33	20.55	—	831.40	840.07	896.55	914.48	—
Plastics materials and synthetics .....	282	18.03	18.18	18.35	18.47	—	769.88	778.10	789.05	790.52	—
Plastics materials and resins .....	2821	20.14	20.49	20.99	21.13	—	890.19	895.41	929.86	931.83	—
Organic fibers, noncellulosic .....	2824	15.10	15.24	15.14	15.05	—	622.12	640.08	637.39	626.08	—
Drugs .....	283	16.78	16.95	17.85	17.67	—	713.15	703.43	731.85	724.47	—
Pharmaceutical preparations .....	2834	16.67	16.87	17.80	17.58	—	715.14	706.85	738.70	729.57	—
Soap, cleaners, and toilet goods .....	284	14.54	14.62	15.11	15.04	—	603.41	602.34	625.55	618.14	—
Soap and other detergents .....	2841	18.50	18.38	17.80	17.92	—	819.55	803.21	763.62	761.60	—
Polishing, sanitation, and finishing preparations .....	2842,3	13.77	13.95	14.47	14.35	—	568.70	564.98	597.61	586.92	—
Toilet preparations .....	2844	12.66	12.77	13.77	13.66	—	508.93	513.35	557.69	553.23	—
Paints and allied products .....	285	14.72	14.65	14.94	14.99	—	619.71	624.09	623.00	626.58	—
Industrial organic chemicals .....	286	20.46	20.26	20.92	20.88	—	916.61	911.70	962.32	947.95	—
Cyclic crudes and intermediates .....	2865	20.24	20.38	20.82	20.70	—	916.87	910.99	945.23	935.64	—
Industrial organic chemicals, nec .....	2869	20.64	20.35	21.07	21.05	—	922.61	915.75	971.33	957.78	—
Agricultural chemicals .....	287	17.26	17.36	17.34	17.06	—	780.15	791.62	759.49	767.70	—
Miscellaneous chemical products .....	289	15.66	15.75	16.19	16.31	—	671.81	677.25	683.22	688.28	—
Petroleum and coal products .....	29	21.59	21.49	22.08	22.27	21.94	943.48	917.62	958.27	977.65	952.20
Petroleum refining .....	291	24.40	24.57	25.17	25.63	—	1,071.16	1,031.94	1,117.55	1,155.91	—
Asphalt paving and roofing materials .....	295	15.43	15.71	16.11	16.09	—	672.75	703.81	668.57	670.95	—
Rubber and misc. plastics products .....	30	12.20	12.23	12.51	12.52	12.63	509.96	511.21	516.66	517.08	526.67
Tires and inner tubes .....	301	19.14	19.30	19.67	19.64	—	824.93	816.39	824.17	818.99	—
Rubber and plastics footwear .....	302	10.19	10.29	10.49	10.21	—	407.60	406.46	437.43	408.40	—
Hose, belting, gaskets, and packing .....	305	12.21	12.23	12.82	12.71	—	521.37	529.56	546.13	536.36	—
Rubber and plastics hose and belting .....	3052	12.22	12.20	12.97	12.78	—	529.13	533.14	548.63	545.71	—
Fabricated rubber products, nec .....	306	11.87	11.96	12.31	12.39	—	497.35	508.30	521.94	524.10	—
Miscellaneous plastics products, nec .....	308	11.55	11.57	11.81	11.84	—	479.33	480.16	484.21	486.62	—
Leather and leather products .....	31	9.55	9.59	9.86	9.91	10.05	359.08	363.46	369.75	374.60	383.91
Leather tanning and finishing .....	311	12.16	12.19	12.63	12.77	—	524.10	520.51	550.67	559.33	—
Footwear, except rubber .....	314	9.19	9.24	9.62	9.65	—	333.60	344.65	344.40	346.44	—
Men's footwear, except athletic .....	3143	9.90	9.95	10.28	10.36	—	356.40	362.18	364.94	364.67	—
Women's footwear, except athletic .....	3144	7.79	7.89	8.02	8.02	—	290.57	308.50	286.31	283.11	—
Luggage .....	316	8.83	8.82	8.69	8.60	—	316.11	313.11	306.76	310.46	—
Handbags and personal leather goods .....	317	8.44	8.35	8.77	8.84	—	306.37	300.60	320.98	333.27	—
<b>Service-producing .....</b>		12.67	12.69	13.13	13.13	13.23	413.04	413.69	428.04	428.04	436.59
<b>Transportation and public utilities .....</b>		15.51	15.57	16.02	16.01	16.14	601.79	601.00	610.36	608.38	624.62

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Transportation and public utilities—Continued</b>											
Railroad transportation:											
Class I railroads plus Amtrak <sup>3</sup> .....	4011	44.0	44.0	44.1	44.9	-	-	-	-	-	-
Local and interurban passenger transit .....	41	34.0	33.7	34.2	33.9	-	-	-	-	-	-
Local and suburban transportation .....	411	38.8	38.5	37.9	37.3	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	39.2	39.3	39.5	38.7	-	-	-	-	-	-
Trucking and warehousing .....	42	39.3	39.9	39.6	39.9	-	-	-	-	-	-
Trucking and courier services, except air .....	421	39.2	39.8	39.6	39.8	-	-	-	-	-	-
Public warehousing and storage .....	422	40.0	40.3	40.0	40.0	-	-	-	-	-	-
Water transportation:											
Water transportation services .....	449	37.0	36.3	36.3	35.5	-	-	-	-	-	-
Pipelines, except natural gas .....	46	42.6	43.6	41.3	41.7	-	-	-	-	-	-
Transportation services .....	47	39.1	38.6	37.6	37.4	-	-	-	-	-	-
Passenger transportation arrangement .....	472	39.6	38.9	37.1	36.8	-	-	-	-	-	-
Travel agencies .....	4724	39.9	39.2	37.3	37.1	-	-	-	-	-	-
Freight transportation arrangement .....	473	38.2	37.9	37.7	37.5	-	-	-	-	-	-
Communications .....	48	40.5	40.3	40.1	39.7	-	-	-	-	-	-
Telephone communications .....	481	41.7	41.6	41.3	40.9	-	-	-	-	-	-
Telephone communications, except radio .....	4813	42.3	42.1	41.5	41.0	-	-	-	-	-	-
Radio and television broadcasting .....	483	35.2	35.4	35.6	35.2	-	-	-	-	-	-
Cable and other pay television services .....	484	41.4	40.7	40.1	40.3	-	-	-	-	-	-
Electric, gas, and sanitary services .....	49	42.4	42.4	41.5	41.2	-	-	-	-	-	-
Electric services .....	491	41.8	42.2	41.2	41.4	-	-	-	-	-	-
Gas production and distribution .....	492	42.9	42.3	41.7	41.3	-	-	-	-	-	-
Combination utility services .....	493	42.9	42.9	42.5	40.9	-	-	-	-	-	-
Sanitary services .....	495	43.3	43.3	41.6	41.3	-	-	-	-	-	-
<b>Wholesale trade</b> .....		38.2	38.3	38.2	38.2	38.9	-	-	-	-	-
Durable goods .....	50	38.9	39.0	38.8	38.8	-	-	-	-	-	-
Motor vehicles, parts, and supplies .....	501	37.3	37.5	37.5	37.4	-	-	-	-	-	-
Furniture and home furnishings .....	502	37.2	37.2	37.6	37.4	-	-	-	-	-	-
Lumber and other construction materials .....	503	39.6	40.1	39.6	40.1	-	-	-	-	-	-
Professional and commercial equipment .....	504	39.7	39.7	39.2	39.0	-	-	-	-	-	-
Medical and hospital equipment .....	5047	39.7	39.3	39.1	38.9	-	-	-	-	-	-
Metals and minerals, except petroleum .....	505	41.0	41.1	41.2	41.3	-	-	-	-	-	-
Electrical goods .....	506	39.4	39.4	39.2	39.2	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	39.1	38.8	38.8	38.9	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	39.2	39.4	39.1	39.1	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	37.1	37.1	37.5	37.7	-	-	-	-	-	-
Nondurable goods .....	51	37.2	37.4	37.2	37.3	-	-	-	-	-	-
Paper and paper products .....	511	36.7	36.7	36.1	35.6	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	36.6	36.2	37.6	37.6	-	-	-	-	-	-
Apparel, piece goods, and notions .....	513	36.6	36.7	36.2	36.4	-	-	-	-	-	-
Groceries and related products .....	514	38.2	38.4	38.1	38.3	-	-	-	-	-	-
Farm-product raw materials .....	515	33.1	33.3	33.0	33.4	-	-	-	-	-	-
Chemicals and allied products .....	516	40.3	40.3	40.6	40.5	-	-	-	-	-	-
Petroleum and petroleum products .....	517	37.4	37.4	37.9	37.6	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	37.2	37.3	36.9	37.2	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	36.4	37.0	36.3	36.3	-	-	-	-	-	-
<b>Retail trade</b> .....		28.6	28.7	28.5	28.6	29.0	-	-	-	-	-
Building materials and garden supplies .....	52	34.4	35.0	34.9	35.2	-	-	-	-	-	-
Lumber and other building materials .....	521	36.1	36.8	36.7	36.9	-	-	-	-	-	-
Paint, glass, and wallpaper stores .....	523	35.0	35.1	34.3	34.6	-	-	-	-	-	-
Hardware stores .....	525	29.7	30.1	30.0	30.3	-	-	-	-	-	-
Retail nurseries and garden stores .....	526	31.0	32.7	31.5	32.6	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Transportation and public utilities—Continued</b>											
Railroad transportation:											
Class I railroads plus Amtrak <sup>3</sup> .....	4011	\$18.15	\$18.05	\$17.78	\$17.68	—	\$798.60	\$794.20	\$784.10	\$793.83	—
Local and interurban passenger transit .....	41	11.49	11.48	11.98	11.88	—	390.66	386.88	409.72	402.73	—
Local and suburban transportation .....	411	12.04	11.94	12.66	12.48	—	467.15	459.69	479.81	465.50	—
Intercity and rural bus transportation .....	413	13.27	13.35	13.99	14.04	—	520.18	524.66	552.61	543.35	—
Trucking and warehousing .....	42	13.80	13.86	14.14	14.15	—	542.34	553.01	559.94	564.59	—
Trucking and courier services, except air .....	421	14.03	14.09	14.35	14.37	—	549.98	560.78	568.26	571.93	—
Public warehousing and storage .....	422	11.56	11.57	12.08	12.04	—	462.40	466.27	483.20	481.60	—
Water transportation:											
Water transportation services .....	449	19.66	19.06	20.56	20.28	—	727.42	691.88	746.33	719.94	—
Pipelines, except natural gas .....	46	21.55	21.58	23.03	22.35	—	918.03	940.89	951.14	932.00	—
Transportation services .....	47	14.08	14.21	14.74	14.52	—	550.53	548.51	554.22	543.05	—
Passenger transportation arrangement .....	472	14.44	14.71	14.99	14.60	—	571.82	572.22	556.13	537.28	—
Travel agencies .....	4724	14.88	15.14	15.40	14.95	—	593.71	593.49	574.42	554.65	—
Freight transportation arrangement .....	473	14.08	14.10	15.02	14.93	—	537.86	534.39	566.25	559.88	—
Communications .....	48	17.31	17.39	17.55	17.67	—	701.06	700.82	703.76	701.50	—
Telephone communications .....	481	17.72	17.82	17.74	17.93	—	738.92	741.31	732.66	733.34	—
Telephone communications, except radio .....	4813	18.17	18.15	18.31	18.48	—	768.59	764.12	759.87	757.68	—
Radio and television broadcasting .....	483	17.97	18.07	18.64	18.59	—	632.54	639.68	663.58	654.37	—
Cable and other pay television services .....	484	14.40	14.40	15.04	15.10	—	596.16	586.08	603.10	608.53	—
Electric, gas, and sanitary services .....	49	20.46	20.51	21.07	21.17	—	867.50	869.62	874.41	872.20	—
Electric services .....	491	21.45	21.49	22.03	21.95	—	896.61	906.88	907.64	908.73	—
Gas production and distribution .....	492	18.78	18.80	19.48	19.32	—	805.66	795.24	812.32	797.92	—
Combination utility services .....	493	24.93	24.88	24.88	25.93	—	1,069.50	1,067.35	1,057.40	1,060.54	—
Sanitary services .....	495	16.32	16.53	17.56	17.54	—	706.66	715.75	730.50	724.40	—
<b>Wholesale trade .....</b>		<b>14.34</b>	<b>14.48</b>	<b>14.95</b>	<b>14.94</b>	<b>\$15.13</b>	<b>547.79</b>	<b>554.58</b>	<b>571.09</b>	<b>570.71</b>	<b>\$588.56</b>
Durable goods .....	50	15.03	15.19	15.59	15.61	—	584.67	592.41	604.89	605.67	—
Motor vehicles, parts, and supplies .....	501	13.19	13.36	13.84	13.83	—	491.99	501.00	519.00	517.24	—
Furniture and home furnishings .....	502	13.09	13.37	13.62	13.57	—	486.95	497.36	512.11	507.52	—
Lumber and other construction materials .....	503	13.39	13.56	13.85	13.98	—	530.24	543.76	548.46	560.60	—
Professional and commercial equipment .....	504	17.84	18.08	18.51	18.66	—	708.25	717.78	725.59	727.74	—
Medical and hospital equipment .....	5047	17.40	17.60	17.75	17.98	—	690.78	691.68	694.03	699.42	—
Metals and minerals, except petroleum .....	505	14.22	14.29	14.83	14.69	—	583.02	587.32	611.00	606.70	—
Electrical goods .....	506	15.74	15.76	16.01	15.98	—	620.16	620.94	627.59	626.42	—
Hardware, plumbing, and heating equipment .....	507	14.06	14.24	14.45	14.33	—	549.75	552.51	560.66	557.44	—
Machinery, equipment, and supplies .....	508	15.14	15.36	15.74	15.74	—	593.49	605.18	615.43	615.43	—
Misc. wholesale trade durable goods .....	509	11.63	11.64	12.16	12.19	—	431.47	431.84	456.00	459.56	—
Nondurable goods .....	51	13.34	13.44	13.99	13.93	—	496.25	502.66	520.43	519.59	—
Paper and paper products .....	511	13.49	13.73	14.26	14.31	—	495.08	503.89	514.79	509.44	—
Drugs, proprietaries, and sundries .....	512	17.34	17.83	19.33	19.09	—	634.64	645.45	726.81	717.78	—
Apparel, piece goods, and notions .....	513	13.08	13.23	13.25	13.06	—	478.73	485.54	479.65	475.38	—
Groceries and related products .....	514	13.37	13.39	13.80	13.78	—	510.73	514.18	525.78	527.77	—
Farm-product raw materials .....	515	10.31	10.39	10.72	10.75	—	341.26	345.99	353.76	359.05	—
Chemicals and allied products .....	516	15.70	16.12	16.30	16.36	—	632.71	649.64	661.78	662.58	—
Petroleum and petroleum products .....	517	12.14	12.09	12.73	12.68	—	454.04	452.17	482.47	476.77	—
Beer, wine, and distilled beverages .....	518	15.35	15.68	15.73	15.82	—	571.02	584.86	580.44	588.50	—
Misc. wholesale trade nondurable goods .....	519	11.01	11.01	11.50	11.41	—	400.76	407.37	417.45	414.18	—
<b>Retail trade .....</b>		<b>9.00</b>	<b>9.03</b>	<b>9.34</b>	<b>9.36</b>	<b>9.42</b>	<b>257.40</b>	<b>259.16</b>	<b>266.19</b>	<b>267.70</b>	<b>273.18</b>
Building materials and garden supplies .....	52	10.61	10.67	11.22	11.26	—	364.98	373.45	391.58	396.35	—
Lumber and other building materials .....	521	11.04	11.17	11.76	11.82	—	398.54	411.06	431.59	436.16	—
Paint, glass, and wallpaper stores .....	523	10.68	10.76	10.91	11.02	—	373.80	377.68	374.21	381.29	—
Hardware stores .....	525	8.77	8.80	9.15	9.18	—	260.47	264.88	274.50	278.15	—
Retail nurseries and garden stores .....	526	9.75	9.57	10.23	10.04	—	302.25	312.94	322.25	327.30	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Apr. 2000 <sup>P</sup>
<b>Retail trade—Continued</b>											
General merchandise stores .....	53	29.7	29.4	27.8	28.5	—	—	—	—	—	—
Department stores .....	531	29.8	29.5	27.7	28.5	—	—	—	—	—	—
Variety stores .....	533	26.9	27.5	26.2	26.8	—	—	—	—	—	—
Misc. general merchandise stores .....	539	29.4	29.3	29.1	29.5	—	—	—	—	—	—
Food stores .....	54	29.3	29.4	29.5	29.4	—	—	—	—	—	—
Grocery stores .....	541	29.3	29.5	29.6	29.5	—	—	—	—	—	—
Retail bakeries .....	546	28.4	28.4	28.3	28.9	—	—	—	—	—	—
Automotive dealers and service stations .....	55	35.1	35.3	35.3	35.3	—	—	—	—	—	—
New and used car dealers .....	551	36.5	36.6	36.6	36.7	—	—	—	—	—	—
Auto and home supply stores .....	553	37.6	38.1	37.6	38.0	—	—	—	—	—	—
Gasoline service stations .....	554	31.5	31.7	31.9	31.7	—	—	—	—	—	—
Automotive dealers, nec .....	559	34.0	34.1	36.0	35.9	—	—	—	—	—	—
Apparel and accessory stores .....	56	26.1	26.1	25.1	25.7	—	—	—	—	—	—
Men's and boys' clothing stores .....	561	28.2	28.8	27.2	27.4	—	—	—	—	—	—
Women's clothing stores .....	562	23.2	23.5	22.9	23.6	—	—	—	—	—	—
Family clothing stores .....	565	27.3	27.2	25.2	25.8	—	—	—	—	—	—
Shoe stores .....	566	26.2	26.2	26.0	26.8	—	—	—	—	—	—
Furniture and home furnishings stores .....	57	32.7	32.6	32.3	32.3	—	—	—	—	—	—
Furniture and home furnishings stores .....	571	32.6	32.6	33.0	33.2	—	—	—	—	—	—
Household appliance stores .....	572	33.2	33.7	33.6	33.7	—	—	—	—	—	—
Radio, television, and computer stores .....	573	32.7	32.6	31.3	31.2	—	—	—	—	—	—
Radio, television, and electronic stores .....	5731	32.3	32.2	30.9	30.7	—	—	—	—	—	—
Record and prerecorded tape stores .....	5735	26.3	25.6	25.1	24.8	—	—	—	—	—	—
Eating and drinking places <sup>4</sup> .....	58	25.1	25.3	25.2	25.3	—	—	—	—	—	—
Miscellaneous retail establishments .....	59	28.9	29.1	29.7	29.3	—	—	—	—	—	—
Drug stores and proprietary stores .....	591	28.6	28.6	28.5	28.6	—	—	—	—	—	—
Used merchandise stores .....	593	29.8	30.0	29.5	29.4	—	—	—	—	—	—
Miscellaneous shopping goods stores .....	594	26.9	27.1	27.6	27.4	—	—	—	—	—	—
Nonstore retailers .....	596	32.7	32.9	34.0	33.8	—	—	—	—	—	—
Fuel dealers .....	598	38.0	36.7	38.3	36.2	—	—	—	—	—	—
Retail stores, nec .....	599	29.6	30.1	31.5	30.2	—	—	—	—	—	—
Optical goods stores .....	5995	33.7	33.5	33.9	33.9	—	—	—	—	—	—
Miscellaneous retail stores, nec .....	5999	29.9	30.3	30.4	30.4	—	—	—	—	—	—
<b>Finance, insurance, and real estate<sup>5</sup></b> .....		36.0	35.9	36.1	35.9	36.7	—	—	—	—	—
Depository institutions .....	60	35.0	35.2	35.1	35.0	—	—	—	—	—	—
Commercial banks .....	602	34.9	35.1	34.9	34.7	—	—	—	—	—	—
State commercial banks .....	6022	34.8	35.0	34.9	34.8	—	—	—	—	—	—
National and commercial banks, nec .....	6021,9	35.0	35.1	34.9	34.6	—	—	—	—	—	—
Credit unions .....	606	35.4	35.6	35.5	35.6	—	—	—	—	—	—
Nondepository institutions .....	61	38.3	37.6	37.0	36.9	—	—	—	—	—	—
Personal credit institutions .....	614	39.8	37.8	38.4	38.2	—	—	—	—	—	—
Security and commodity brokers: Security and commodity services .....	628	37.9	37.2	37.4	37.3	—	—	—	—	—	—
Insurance carriers .....	63	38.5	38.4	38.6	38.4	—	—	—	—	—	—
Life insurance .....	631	38.9	38.5	38.8	38.7	—	—	—	—	—	—
Medical service and health insurance .....	632	38.5	38.3	38.3	38.3	—	—	—	—	—	—
Hospital and medical service plans .....	6324	38.9	38.6	38.9	39.1	—	—	—	—	—	—
Fire, marine, and casualty insurance .....	633	38.1	38.5	38.6	38.3	—	—	—	—	—	—
<b>Services</b> .....		32.4	32.4	32.6	32.5	32.9	—	—	—	—	—
Agricultural services .....	07	32.8	34.8	32.7	33.4	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Retail trade—Continued</b>											
General merchandise stores .....	53	\$8.84	\$8.95	\$9.37	\$9.36	—	\$262.55	\$263.13	\$260.49	\$266.76	—
Department stores .....	531	8.89	9.01	9.45	9.44	—	264.92	265.80	261.77	269.04	—
Variety stores .....	533	7.96	8.01	7.73	7.73	—	214.12	220.28	202.53	207.16	—
Misc. general merchandise stores .....	539	8.59	8.55	9.16	9.12	—	252.55	250.52	266.56	269.04	—
Food stores .....	54	9.28	9.30	9.37	9.35	—	271.90	273.42	276.42	274.89	—
Grocery stores .....	541	9.37	9.40	9.43	9.40	—	274.54	277.30	279.13	277.30	—
Retail bakeries .....	546	8.35	8.37	8.86	8.87	—	237.14	237.71	250.74	256.34	—
Automotive dealers and service stations .....	55	12.35	12.51	12.73	12.88	—	433.49	441.60	449.37	454.66	—
New and used car dealers .....	551	15.50	15.80	15.92	16.17	—	565.75	578.28	582.67	593.44	—
Auto and home supply stores .....	553	10.24	10.29	10.55	10.62	—	385.02	392.05	396.68	403.56	—
Gasoline service stations .....	554	8.06	8.11	8.39	8.37	—	253.89	257.09	267.64	265.33	—
Automotive dealers, nec .....	559	13.18	12.83	13.07	13.10	—	448.12	437.50	470.52	470.29	—
Apparel and accessory stores .....	56	8.71	8.77	9.23	9.23	—	227.33	228.90	231.67	237.21	—
Men's and boys' clothing stores .....	561	10.16	10.27	10.72	10.88	—	286.51	295.78	291.58	298.11	—
Women's clothing stores .....	562	8.80	8.82	9.27	9.28	—	204.16	207.27	212.28	219.01	—
Family clothing stores .....	565	8.44	8.47	8.98	8.98	—	230.41	230.38	226.30	231.68	—
Shoe stores .....	566	8.34	8.43	8.78	8.76	—	218.51	220.87	228.28	234.77	—
Furniture and home furnishings stores .....	57	12.09	12.09	12.51	12.53	—	395.34	394.13	404.07	404.72	—
Furniture and home furnishings stores .....	571	11.48	11.53	11.74	11.78	—	374.25	375.88	387.42	391.10	—
Household appliance stores .....	572	11.41	11.40	11.64	11.67	—	378.81	384.18	391.10	393.28	—
Radio, television, and computer stores .....	573	12.87	12.84	13.55	13.56	—	420.85	418.58	424.12	423.07	—
Radio, television, and electronic stores .....	5731	11.74	11.78	12.61	12.62	—	379.20	379.32	389.65	387.43	—
Record and prerecorded tape stores .....	5735	7.34	7.35	7.77	7.75	—	193.04	188.16	195.03	192.20	—
Eating and drinking places <sup>4</sup> .....	58	6.52	6.55	6.79	6.80	—	163.65	165.72	171.11	172.04	—
Miscellaneous retail establishments .....	59	9.84	9.77	10.15	10.17	—	284.38	284.31	301.46	297.98	—
Drug stores and proprietary stores .....	591	10.30	10.32	10.87	10.91	—	294.58	295.15	309.80	312.03	—
Used merchandise stores .....	593	8.11	8.06	8.27	8.27	—	241.68	241.80	243.97	243.14	—
Miscellaneous shopping goods stores .....	594	9.16	9.02	9.44	9.47	—	246.40	244.44	260.54	259.48	—
Nonstore retailers .....	596	10.39	10.37	10.57	10.58	—	339.75	341.17	359.38	357.60	—
Fuel dealers .....	598	13.21	12.93	13.85	13.59	—	501.98	474.53	530.46	491.96	—
Retail stores, nec .....	599	9.97	9.97	10.07	10.18	—	295.11	300.10	317.21	307.44	—
Optical goods stores .....	5995	11.74	11.85	11.70	11.69	—	395.64	396.98	396.63	396.29	—
Miscellaneous retail stores, nec .....	5999	10.30	10.35	10.61	10.69	—	307.97	313.61	322.54	324.98	—
<b>Finance, insurance, and real estate<sup>5</sup></b> .....		14.53	14.61	14.92	14.96	\$15.15	523.08	524.50	538.61	537.06	\$556.01
Depository institutions .....	60	11.25	11.21	11.63	11.65	—	393.75	394.59	408.21	407.75	—
Commercial banks .....	602	10.89	10.79	11.14	11.14	—	380.06	378.73	388.79	386.56	—
State commercial banks .....	6022	10.47	10.51	10.73	10.75	—	364.36	367.85	374.48	374.10	—
National and commercial banks, nec .....	6021,9	11.18	10.99	11.43	11.41	—	391.30	385.75	398.91	394.79	—
Credit unions .....	606	10.85	10.91	11.29	11.32	—	384.09	388.40	400.80	402.99	—
Nondepository institutions .....	61	15.01	15.26	15.29	15.41	—	574.88	573.78	565.73	568.63	—
Personal credit institutions .....	614	12.44	12.53	12.98	13.17	—	495.11	473.63	498.43	503.09	—
Security and commodity brokers: Security and commodity services .....	628	21.98	21.85	22.04	21.92	—	833.04	812.82	824.30	817.62	—
Insurance carriers .....	63	16.80	17.05	17.23	17.28	—	646.80	654.72	665.08	663.55	—
Life insurance .....	631	15.30	15.48	15.57	15.63	—	595.17	595.98	604.12	604.88	—
Medical service and health insurance .....	632	16.20	16.14	16.74	16.79	—	623.70	618.16	641.14	643.06	—
Hospital and medical service plans .....	6324	16.67	16.60	17.09	17.20	—	648.46	640.76	664.80	672.52	—
Fire, marine, and casualty insurance .....	633	18.12	18.61	18.82	18.78	—	690.37	716.49	726.45	719.27	—
<b>Services</b> .....		13.33	13.32	13.80	13.81	13.89	431.89	431.57	449.88	448.83	456.98
Agricultural services .....	07	10.31	10.20	10.91	10.89	—	338.17	354.96	356.76	363.73	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Services—Continued</b>											
<b>Agricultural services—Continued</b>											
Veterinary services .....	074	28.5	29.0	28.2	28.3	—	—	—	—	—	—
Landscape and horticultural services .....	078	34.9	37.2	35.0	35.9	—	—	—	—	—	—
<b>Hotels and other lodging places:</b>											
Hotels and motels <sup>4</sup> .....	701	30.3	30.6	30.6	30.8	—	—	—	—	—	—
<b>Personal services:</b>											
Laundry, cleaning, and garment services .....	721	33.9	34.3	33.6	33.9	—	—	—	—	—	—
Beauty shops <sup>4</sup> .....	723	28.1	28.2	28.3	28.0	—	—	—	—	—	—
Miscellaneous personal services .....	729	26.1	26.8	28.3	25.2	—	—	—	—	—	—
<b>Business services</b>											
Advertising .....	73	33.6	33.6	33.8	33.7	—	—	—	—	—	—
Mailing, reproduction, and stenographic services:	731	36.4	36.6	36.2	36.0	—	—	—	—	—	—
Photocopying and duplicating services .....	7334	36.3	36.1	36.7	36.8	—	—	—	—	—	—
Services to buildings .....	734	28.3	28.7	28.5	28.5	—	—	—	—	—	—
Disinfecting and pest control services .....	7342	37.2	37.2	36.3	36.2	—	—	—	—	—	—
Building maintenance services, nec .....	7349	27.5	27.9	27.8	27.8	—	—	—	—	—	—
Miscellaneous equipment rental and leasing .....	735	38.2	38.8	37.5	37.4	—	—	—	—	—	—
Medical equipment rental .....	7352	36.4	36.1	36.0	35.7	—	—	—	—	—	—
Heavy construction equipment rental .....	7353	40.3	41.0	40.1	39.9	—	—	—	—	—	—
Equipment rental and leasing, nec .....	7359	38.0	38.7	37.0	37.0	—	—	—	—	—	—
<b>Personnel supply services:</b>											
Help supply services .....	7363	32.6	32.3	33.0	32.7	—	—	—	—	—	—
Computer and data processing services .....	737	38.5	38.4	38.6	38.4	—	—	—	—	—	—
Computer programming services .....	7371	38.0	37.9	37.8	37.7	—	—	—	—	—	—
Computer integrated systems design .....	7373	39.5	39.4	39.3	39.2	—	—	—	—	—	—
Information retrieval services .....	7375	39.3	39.4	38.6	37.2	—	—	—	—	—	—
Computer maintenance and repair .....	7378	40.0	39.2	40.0	39.4	—	—	—	—	—	—
Miscellaneous business services .....	738	32.8	33.1	33.1	33.1	—	—	—	—	—	—
Detective and armored car services .....	7381	34.8	35.0	35.3	35.2	—	—	—	—	—	—
Security systems services .....	7382	35.9	35.7	37.4	37.5	—	—	—	—	—	—
<b>Auto repair, services, and parking</b>											
Automotive rentals, without drivers .....	751	35.8	35.8	36.2	36.2	—	—	—	—	—	—
Passenger car rental .....	7514	35.3	35.2	35.4	35.5	—	—	—	—	—	—
Automobile parking .....	752	33.9	32.9	32.0	32.4	—	—	—	—	—	—
Automotive repair shops .....	753	37.6	38.0	37.1	37.3	—	—	—	—	—	—
Automotive and tire repair shops .....	7532,4	37.8	37.9	37.9	38.2	—	—	—	—	—	—
General automotive repair shops .....	7538	37.4	37.6	36.1	36.2	—	—	—	—	—	—
Automotive services, except repair .....	754	30.1	30.2	29.6	29.5	—	—	—	—	—	—
Carwashes .....	7542	26.7	26.8	26.5	26.3	—	—	—	—	—	—
Miscellaneous repair services .....	76	37.8	37.8	38.0	38.0	—	—	—	—	—	—
<b>Motion pictures</b>											
Motion picture production and services .....	781	39.2	38.5	40.5	40.9	—	—	—	—	—	—
Video tape rental .....	784	23.9	23.4	23.4	23.8	—	—	—	—	—	—
<b>Amusement and recreation services</b>											
Bowling centers .....	793	25.2	25.5	25.7	25.2	—	—	—	—	—	—
Misc. amusement and recreation services .....	799	24.9	25.3	25.2	25.1	—	—	—	—	—	—
Physical fitness facilities .....	7991	19.2	19.2	18.8	18.8	—	—	—	—	—	—
Membership sports and recreation clubs .....	7997	27.1	27.9	27.7	27.6	—	—	—	—	—	—
<b>Health services</b>											
Offices and clinics of medical doctors .....	801	32.7	32.7	32.8	32.7	—	—	—	—	—	—
Offices and clinics of dentists .....	802	27.9	27.7	28.1	28.0	—	—	—	—	—	—
Offices and clinics of other health practitioners .....	804	30.0	29.7	30.3	30.2	—	—	—	—	—	—
Nursing and personal care facilities .....	805	32.0	32.1	32.2	32.1	—	—	—	—	—	—
Intermediate care facilities .....	8052	31.4	31.4	31.3	31.4	—	—	—	—	—	—
Hospitals .....	806	34.9	34.7	34.9	34.8	—	—	—	—	—	—

See footnotes at end of table.



**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Services—Continued</b>											
<b>Agricultural services—Continued</b>											
Veterinary services .....	074	\$10.19	\$10.22	\$10.55	\$10.55	—	\$290.42	\$296.38	\$297.51	\$298.57	—
Landscape and horticultural services .....	078	10.40	10.23	11.12	11.07	—	362.96	380.56	389.20	397.41	—
<b>Hotels and other lodging places:</b>											
Hotels and motels <sup>4</sup> .....	701	9.18	9.15	9.53	9.57	—	278.15	279.99	291.62	294.76	—
<b>Personal services:</b>											
Laundry, cleaning, and garment services .....	721	8.67	8.67	8.92	8.93	—	293.91	297.38	299.71	302.73	—
Beauty shops <sup>4</sup> .....	723	9.68	9.63	9.95	9.99	—	272.01	271.57	281.59	279.72	—
Miscellaneous personal services .....	729	9.35	9.58	9.45	9.51	—	244.04	256.74	267.44	239.65	—
<b>Business services</b>											
Advertising .....	731	18.08	18.11	19.10	19.34	—	658.11	662.83	691.42	696.24	—
<b>Mailing, reproduction, and stenographic services:</b>											
Photocopying and duplicating services .....	7334	11.79	11.98	11.64	11.78	—	427.98	432.48	427.19	433.50	—
Services to buildings .....	734	8.39	8.46	8.71	8.76	—	237.44	242.80	248.24	249.66	—
Disinfecting and pest control services .....	7342	11.50	11.69	11.76	12.00	—	427.80	434.87	426.89	434.40	—
Building maintenance services, nec .....	7349	8.01	8.05	8.36	8.38	—	220.28	224.60	232.41	232.96	—
Miscellaneous equipment rental and leasing .....	735	13.23	13.21	13.69	13.82	—	505.39	512.55	513.38	516.87	—
Medical equipment rental .....	7352	13.05	12.95	13.05	12.85	—	475.02	467.50	469.80	458.75	—
Heavy construction equipment rental .....	7353	17.06	17.17	17.94	18.41	—	687.52	703.97	719.39	734.56	—
Equipment rental and leasing, nec .....	7359	11.99	11.96	12.42	12.53	—	455.62	462.85	459.54	463.61	—
<b>Personnel supply services:</b>											
Help supply services .....	7363	10.57	10.54	10.86	10.91	—	344.58	340.44	358.38	356.76	—
Computer and data processing services .....	737	21.96	22.14	22.87	22.90	—	845.46	850.18	882.78	879.36	—
Computer programming services .....	7371	25.18	25.41	26.22	26.06	—	956.84	963.04	991.12	982.46	—
Computer integrated systems design .....	7373	20.91	21.25	21.50	21.67	—	825.95	837.25	844.95	849.46	—
Information retrieval services .....	7375	15.75	15.85	15.83	15.32	—	618.98	624.49	611.04	569.90	—
Computer maintenance and repair .....	7378	17.18	17.03	16.83	16.76	—	687.20	667.58	673.20	660.34	—
Miscellaneous business services .....	738	10.33	10.48	10.89	10.89	—	338.82	346.89	360.46	360.46	—
Detective and armored car services .....	7381	8.52	8.58	9.11	9.11	—	296.50	300.30	321.58	320.67	—
Security systems services .....	7382	13.97	14.26	14.02	14.44	—	501.52	509.08	524.35	541.50	—
<b>Auto repair, services, and parking</b>											
Automotive rentals, without drivers .....	751	10.83	10.91	11.26	11.39	—	387.71	390.58	407.61	412.32	—
Passenger car rental .....	7514	9.82	10.03	10.27	10.53	—	346.65	353.06	363.56	373.82	—
Automobile parking .....	752	8.56	8.53	8.72	8.73	—	290.18	280.64	279.04	282.85	—
Automotive repair shops .....	753	12.69	12.73	13.17	13.27	—	477.14	483.74	488.61	494.97	—
Automotive and tire repair shops .....	7532,4	13.33	13.37	13.84	14.01	—	503.87	506.72	524.54	535.18	—
General automotive repair shops .....	7538	12.53	12.62	12.93	12.93	—	468.62	474.51	466.77	468.07	—
Automotive services, except repair .....	754	8.61	8.63	8.86	8.84	—	259.16	260.63	262.26	260.78	—
Carwashes .....	7542	7.54	7.69	7.85	7.81	—	201.32	206.09	208.03	205.40	—
<b>Miscellaneous repair services</b>											
.....	76	13.82	13.93	14.10	14.07	—	522.40	526.55	535.80	534.66	—
<b>Motion pictures</b>											
Motion picture production and services .....	781	22.73	22.29	19.97	20.16	—	891.02	858.17	808.79	824.54	—
Video tape rental .....	784	7.17	7.19	7.67	7.76	—	171.36	168.25	179.48	184.69	—
<b>Amusement and recreation services</b>											
Bowling centers .....	793	7.61	7.63	8.01	8.05	—	191.77	194.57	205.86	202.86	—
Misc. amusement and recreation services .....	799	9.42	9.33	9.73	9.77	—	234.56	236.05	245.20	245.23	—
Physical fitness facilities .....	7991	9.21	9.23	9.85	9.93	—	176.83	177.22	185.18	186.68	—
Membership sports and recreation clubs .....	7997	9.96	9.81	10.19	10.10	—	269.92	273.70	282.26	278.76	—
<b>Health services</b>											
Offices and clinics of medical doctors .....	801	14.65	14.77	15.24	15.33	—	479.06	482.98	499.87	501.29	—
Offices and clinics of dentists .....	802	14.56	14.69	15.28	15.37	—	406.22	406.91	429.37	430.36	—
Offices and clinics of other health practitioners .....	804	12.96	12.91	13.14	13.13	—	388.80	383.43	398.14	396.53	—
Nursing and personal care facilities .....	805	10.01	10.04	10.53	10.52	—	320.32	322.28	339.07	337.69	—
Intermediate care facilities .....	8052	9.58	9.62	10.08	10.09	—	300.81	302.07	315.50	316.83	—
Hospitals .....	806	15.83	15.85	16.26	16.27	—	552.47	550.00	567.47	566.20	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Services—Continued</b>											
Health services—Continued											
Home health care services .....	808	28.7	28.8	29.4	29.5	—	—	—	—	—	—
Legal services .....	81	34.8	34.7	35.2	35.0	—	—	—	—	—	—
Social services .....	83	30.8	31.0	31.0	30.9	—	—	—	—	—	—
Individual and family services .....	832	31.0	31.1	31.1	30.9	—	—	—	—	—	—
Job training and related services .....	833	30.3	30.5	30.4	30.4	—	—	—	—	—	—
Child day care services .....	835	29.1	29.3	29.5	29.2	—	—	—	—	—	—
Residential care .....	836	32.0	32.2	32.2	32.1	—	—	—	—	—	—
Social services, nec .....	839	32.2	32.2	32.4	32.2	—	—	—	—	—	—
Membership organizations:											
Professional organizations .....	862	35.2	35.3	34.8	34.8	—	—	—	—	—	—
Engineering and management services .....	87	37.3	37.4	37.1	37.3	—	—	—	—	—	—
Engineering and architectural services .....	871	39.0	38.8	39.0	39.1	—	—	—	—	—	—
Engineering services .....	8711	39.4	39.2	39.3	39.5	—	—	—	—	—	—
Architectural services .....	8712	37.8	37.8	38.1	38.1	—	—	—	—	—	—
Surveying services .....	8713	36.7	37.6	36.6	36.5	—	—	—	—	—	—
Accounting, auditing, and bookkeeping .....	872	38.1	38.9	37.8	38.3	—	—	—	—	—	—
Research and testing services .....	873	36.4	36.3	36.0	36.0	—	—	—	—	—	—
Commercial physical research .....	8731	39.4	39.2	38.9	38.6	—	—	—	—	—	—
Commercial nonphysical research .....	8732	31.7	31.3	30.5	30.9	—	—	—	—	—	—
Noncommercial research organizations .....	8733	35.8	35.7	36.2	36.3	—	—	—	—	—	—
Management and public relations .....	874	35.8	35.9	35.8	35.9	—	—	—	—	—	—
Management services .....	8741	34.4	34.6	35.9	35.7	—	—	—	—	—	—
Management consulting services .....	8742	36.2	36.4	36.3	36.5	—	—	—	—	—	—
Public relations services .....	8743	35.1	34.9	34.4	34.3	—	—	—	—	—	—
Services, nec .....	89	34.8	35.2	36.5	35.9	—	—	—	—	—	—

See footnotes at end of table.

**ESTABLISHMENT DATA  
HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-15. Average hours and earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Services—Continued</b>											
Health services—Continued											
Home health care services .....	808	\$11.83	\$11.86	\$12.37	\$12.39	—	\$339.52	\$341.57	\$363.68	\$365.51	—
Legal services .....	81	18.74	18.72	19.75	19.74	—	652.15	649.58	695.20	690.90	—
Social services .....	83	9.48	9.50	9.82	9.85	—	291.98	294.50	304.42	304.37	—
Individual and family services .....	832	9.96	10.00	10.28	10.32	—	308.76	311.00	319.71	318.89	—
Job training and related services .....	833	9.19	9.20	9.47	9.47	—	278.46	280.60	287.89	287.89	—
Child day care services .....	835	8.20	8.20	8.58	8.59	—	238.62	240.26	253.11	250.83	—
Residential care .....	836	9.60	9.64	9.95	10.00	—	307.20	310.41	320.39	321.00	—
Social services, nec .....	839	11.44	11.45	11.86	11.89	—	368.37	368.69	384.26	382.86	—
Membership organizations:											
Professional organizations .....	862	18.44	18.39	19.14	19.26	—	649.09	649.17	666.07	670.25	—
Engineering and management services .....	87	18.25	18.33	18.93	18.86	—	680.73	685.54	702.30	703.48	—
Engineering and architectural services .....	871	20.02	20.10	20.98	21.00	—	780.78	779.88	818.22	821.10	—
Engineering services .....	8711	20.91	21.00	21.89	21.88	—	823.85	823.20	860.28	864.26	—
Architectural services .....	8712	18.01	18.17	19.06	19.06	—	680.78	686.83	726.19	726.19	—
Surveying services .....	8713	14.24	14.24	14.71	14.83	—	522.61	535.42	538.39	541.30	—
Accounting, auditing, and bookkeeping .....	872	15.55	15.63	15.92	15.91	—	592.46	608.01	601.78	609.35	—
Research and testing services .....	873	18.43	18.42	18.56	18.41	—	670.85	668.65	668.16	662.76	—
Commercial physical research .....	8731	20.29	20.25	20.36	20.28	—	799.43	793.80	792.00	782.81	—
Commercial nonphysical research .....	8732	14.77	14.66	14.85	14.59	—	468.21	458.86	452.93	450.83	—
Noncommercial research organizations .....	8733	21.98	22.13	22.29	22.26	—	786.88	790.04	806.90	808.04	—
Management and public relations .....	874	18.03	18.22	18.95	18.84	—	645.47	654.10	678.41	676.36	—
Management services .....	8741	15.95	15.95	16.87	16.93	—	548.68	551.87	605.63	604.40	—
Management consulting services .....	8742	20.78	20.98	21.96	21.64	—	752.24	763.67	797.15	789.86	—
Public relations services .....	8743	16.47	16.46	17.90	17.79	—	578.10	574.45	615.76	610.20	—
Services, nec .....	89	18.26	18.28	18.73	18.65	—	635.45	643.46	683.65	669.54	—

<sup>1</sup> 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.

<sup>2</sup> See table B-15a for average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing.

<sup>3</sup> Data relate to line-haul railroads with operating revenues of \$253.7 million or more in 1993 and to Amtrak.

<sup>4</sup> Money payments only; tips, not included.

<sup>5</sup> Excludes nonoffice commissioned real estate sales agents.

— Data not available.

P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1998 forward are subject to revision.

# A Note on Average Hourly Earnings in Aircraft (SIC 3721) and Guided Missiles and Space Vehicles (SIC 3761) Manufacturing

For many years, the Bureau of Labor Statistics average hourly earnings series for production workers in aircraft manufacturing (SIC 3721) and guided missiles and space vehicles manufacturing (SIC 3761) have been used to escalate labor costs in contracts between aerospace companies and their customers. Although the Bureau's series by definition take account of traditional wage rate changes, they do not capture "lump-sum payments to workers in lieu of general wage increases" which were negotiated in aerospace manufacturers' collective bargaining agreements beginning in late 1983.

Because of special circumstances in the aerospace industry, BLS has calculated average hourly earnings series for SIC 3721 and SIC 3761 which include lump-sum payments. These series, beginning in October 1983, the effective date of the first aerospace bargaining agreement using lump-sum payments, were published in the June 1988 issue of *Employment and Earnings*. Current and year earlier data are presented in table B-15a along with the average hourly earnings series produced as part of the Current Employment Statistics program. An explanation of the methodology used to derive these series appears in the Explanatory Notes of this publication.

**B-15a. Average hourly earnings in aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing**

Series	Aircraft (SIC 3721)				Guided missiles and space vehicles (SIC 3761)			
	Feb. 1999	Mar. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>	Feb. 1999	Mar. 1999	Feb. 2000	Mar. 2000 <sup>P</sup>
Average hourly earnings, excluding lump-sum payments .....	\$21.47	\$21.42	\$22.54	\$22.53	\$21.95	\$22.01	\$21.92	\$21.99
Average hourly earnings, including lump-sum payments .....	21.58	21.47	22.65	22.64	22.15	22.10	22.01	22.08

<sup>P</sup> = preliminary.

**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-16. Average hourly earnings, excluding overtime<sup>1</sup>, of production workers on manufacturing payrolls**

Industry	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Manufacturing .....</b>	<b>\$13.04</b>	<b>\$13.10</b>	<b>\$13.47</b>	<b>\$13.50</b>	<b>\$13.56</b>
<b>Durable goods .....</b>	<b>13.47</b>	<b>13.52</b>	<b>13.96</b>	<b>13.98</b>	<b>14.03</b>
Lumber and wood products .....	10.75	10.78	11.09	11.10	(2)
Furniture and fixtures .....	10.62	10.67	11.03	11.08	(2)
Stone, clay, and glass products .....	12.85	12.85	13.13	13.18	(2)
Primary metal industries .....	14.51	14.58	15.16	15.21	(2)
Fabricated metal products .....	12.65	12.68	12.95	12.96	(2)
Industrial machinery and equipment .....	14.02	14.06	14.54	14.57	(2)
Electronic and other electrical equipment .....	12.72	12.75	13.08	13.05	(2)
Transportation equipment .....	16.65	16.81	17.52	17.63	(2)
Instruments and related products .....	13.46	13.56	13.84	13.84	(2)
Miscellaneous manufacturing .....	10.77	10.84	11.20	11.21	(2)
<b>Nondurable goods .....</b>	<b>12.39</b>	<b>12.45</b>	<b>12.72</b>	<b>12.75</b>	<b>\$12.83</b>
Food and kindred products .....	11.26	11.39	11.57	11.63	(2)
Tobacco products .....	18.68	19.54	16.87	18.18	(2)
Textile mill products .....	10.11	10.15	10.30	10.31	(2)
Apparel and other textile products .....	8.52	8.57	8.75	8.76	(2)
Paper and allied products .....	14.85	14.88	15.10	15.12	(2)
Printing and publishing .....	13.21	13.21	13.62	13.65	(2)
Chemicals and allied products .....	16.25	16.35	16.80	16.82	(2)
Petroleum and coal products .....	20.05	19.89	20.62	20.75	(2)
Rubber and misc. plastics products .....	11.60	11.62	11.91	11.92	(2)
Leather and leather products .....	9.31	9.35	9.64	9.67	(2)

<sup>1</sup> Derived by assuming that overtime hours are paid at the rate of time and one-half.

<sup>2</sup> Not available.

P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1998 forward are subject to revision.

**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-17. Average hourly and weekly earnings of production or nonsupervisory workers<sup>1</sup> on private nonfarm payrolls by major industry, in current and constant (1982) dollars**

Industry	Average hourly earnings					Average weekly earnings				
	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P	Mar. 1999	Apr. 1999	Feb. 2000	Mar. 2000P	Apr. 2000P
<b>Total private:</b>										
Current dollars .....	\$13.12	\$13.16	\$13.58	\$13.60	\$13.71	\$448.70	\$451.39	\$464.44	\$465.12	\$474.37
Constant (1982) dollars .....	7.88	7.84	7.91	7.85	(2)	269.33	268.84	270.50	268.55	(2)
<b>Mining:</b>										
Current dollars .....	17.01	16.93	17.13	17.17	\$17.22	717.82	733.07	757.15	753.76	\$769.73
Constant (1982) dollars .....	10.21	10.08	9.98	9.91	(2)	430.86	436.61	440.97	435.20	(2)
<b>Construction:</b>										
Current dollars .....	16.79	16.85	17.37	17.48	\$17.60	632.98	650.41	670.48	678.22	\$688.16
Constant (1982) dollars .....	10.08	10.04	10.12	10.09	(2)	379.94	387.38	390.50	391.58	(2)
<b>Manufacturing:</b>										
Current dollars .....	13.73	13.80	14.19	14.22	\$14.30	568.42	574.08	588.89	590.13	\$596.31
Constant (1982) dollars .....	8.24	8.22	8.26	8.21	(2)	341.19	341.92	342.98	340.72	(2)
<b>Transportation and public utilities:</b>										
Current dollars .....	15.51	15.57	16.02	16.01	\$16.14	601.79	601.00	610.36	608.38	\$624.62
Constant (1982) dollars .....	9.31	9.27	9.33	9.24	(2)	361.22	357.95	355.48	351.26	(2)
<b>Wholesale trade:</b>										
Current dollars .....	14.34	14.48	14.95	14.94	\$15.13	547.79	554.58	571.09	570.71	\$588.56
Constant (1982) dollars .....	8.61	8.62	8.71	8.63	(2)	328.81	330.30	332.61	329.51	(2)
<b>Retail trade:</b>										
Current dollars .....	9.00	9.03	9.34	9.36	\$9.42	257.40	259.16	266.19	267.70	\$273.18
Constant (1982) dollars .....	5.40	5.38	5.44	5.40	(2)	154.50	154.35	155.03	154.56	(2)
<b>Finance, insurance, and real estate:</b>										
Current dollars .....	14.53	14.61	14.92	14.96	\$15.15	523.08	524.50	538.61	537.06	\$556.01
Constant (1982) dollars .....	8.72	8.70	8.69	8.64	(2)	313.97	312.39	313.69	310.08	(2)
<b>Services:</b>										
Current dollars .....	13.33	13.32	13.80	13.81	\$13.89	431.89	431.57	449.88	448.83	\$456.98
Constant (1982) dollars .....	8.00	7.93	8.04	7.97	(2)	259.24	257.04	262.02	259.14	(2)

<sup>1</sup> 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.

<sup>2</sup> Not available.

P = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series. Establishment survey estimates are currently projected from March 1998 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1998 forward are subject to revision.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**  
**NOT SEASONALLY ADJUSTED**

**B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	March 1999	February 2000	March 2000P	March 1999	February 2000	March 2000P	March 1999	February 2000	March 2000P
<b>Alabama</b> .....	42.1	41.6	41.9	\$12.35	\$12.74	\$12.70	\$519.94	\$529.98	\$532.13
Birmingham .....	41.8	41.5	41.3	12.89	13.21	13.14	538.80	548.22	542.68
Mobile .....	44.8	43.5	43.6	14.18	13.98	14.00	635.26	608.13	610.40
<b>Alaska</b> .....	53.5	56.5	51.9	10.87	10.49	10.73	581.54	592.68	556.89
<b>Arizona</b> .....	40.3	40.3	40.1	12.66	12.76	12.75	510.20	514.22	511.27
<b>Arkansas</b> .....	41.7	41.5	40.9	11.42	11.91	12.00	476.21	494.26	490.80
Fayetteville-Springdale-Rogers .....	42.7	42.6	40.4	11.02	11.51	11.70	470.55	490.32	472.68
Fort Smith .....	41.9	40.9	41.8	11.64	11.84	11.72	487.72	484.25	489.89
Little Rock-North Little Rock .....	42.6	41.0	39.9	12.13	12.52	12.43	516.74	513.32	495.95
Pine Bluff .....	40.2	39.9	40.0	13.15	13.53	13.32	528.63	539.84	532.80
<b>California</b> .....	41.9	41.0	41.3	13.84	14.05	14.07	579.90	576.05	581.09
Bakersfield .....	41.9	40.5	39.0	13.84	14.01	14.00	579.90	567.41	546.00
Fresno .....	40.0	41.0	39.7	12.21	12.35	12.34	488.40	506.35	489.90
Los Angeles-Long Beach .....	42.7	42.5	42.5	12.96	13.17	13.19	553.39	559.73	560.58
Modesto .....	41.9	40.8	41.1	13.86	14.12	14.18	580.73	576.10	582.80
Oakland .....	42.4	42.3	42.8	15.54	15.86	15.88	658.90	670.88	679.66
Orange County .....	43.4	43.3	43.2	13.30	13.47	13.49	577.22	583.25	582.77
Riverside-San Bernardino .....	42.2	41.7	42.1	12.31	12.50	12.56	519.48	521.25	528.78
Sacramento .....	40.8	40.3	41.1	14.92	15.01	15.00	608.74	604.90	616.50
Salinas .....	38.7	41.7	41.8	14.50	14.03	14.18	561.15	585.05	592.72
San Diego .....	40.4	39.5	39.5	13.63	13.66	13.71	550.65	539.57	541.55
San Francisco .....	40.1	39.8	40.5	14.87	14.91	14.93	596.29	593.42	604.67
San Jose .....	42.6	40.8	41.6	17.11	17.46	17.48	728.89	712.37	727.17
Santa Barbara-Santa Maria-Lompoc .....	41.0	41.4	41.1	14.17	14.34	14.31	580.97	593.68	588.14
Santa Rosa .....	40.2	39.8	40.1	14.87	14.85	14.85	597.77	591.03	595.49
Stockton-Lodi .....	41.8	41.3	41.5	13.39	13.45	13.41	559.70	555.49	556.52
Vallejo-Fairfield-Napa .....	42.3	41.4	41.2	15.92	16.18	16.11	673.42	669.85	663.73
Ventura .....	42.8	42.1	41.6	12.82	12.89	12.88	548.70	542.67	535.81
<b>Colorado</b> .....	41.5	44.3	44.1	14.04	14.24	14.39	582.66	630.83	634.59
Denver .....	42.7	41.8	41.4	13.18	13.56	13.51	562.79	566.80	559.31
<b>Connecticut</b> .....	42.4	42.6	42.7	15.07	15.67	15.62	638.97	667.54	666.97
Bridgeport .....	41.5	42.5	41.8	15.40	15.75	15.84	639.10	669.37	662.11
Danbury .....	40.6	41.2	41.4	14.88	16.04	15.94	604.13	660.84	659.91
Hartford .....	42.8	43.5	43.9	16.03	16.72	16.73	686.08	727.32	734.44
New Haven-Meriden .....	42.5	42.5	42.2	14.87	15.02	15.09	631.98	638.35	636.79
New London-Norwich .....	42.6	42.1	42.2	15.69	16.31	16.53	668.39	686.65	697.56
Stamford-Norwalk .....	38.7	39.7	39.5	13.59	13.63	13.55	525.93	541.11	535.22
Waterbury .....	44.2	45.3	45.1	14.36	14.60	14.57	634.71	661.38	657.10
<b>Delaware</b> .....	42.2	43.7	42.5	15.60	16.44	16.50	658.32	718.42	701.25
Dover .....	38.7	39.4	39.9	14.00	14.38	14.52	541.80	566.57	579.34
Wilmington-Newark .....	44.2	44.4	43.5	18.75	19.54	19.51	828.75	867.57	848.68
<b>District of Columbia:</b> Washington PMSA .....	37.7	39.2	39.7	15.25	15.41	15.54	574.93	604.07	616.93
<b>Florida</b> .....	42.2	42.3	42.2	11.68	12.09	12.14	492.90	511.40	512.30
<b>Georgia</b> .....	41.4	41.3	41.0	12.27	12.84	12.85	507.98	530.29	526.85
Atlanta .....	40.7	39.5	40.2	13.15	13.55	13.65	535.21	535.23	548.73
Savannah .....	46.7	46.2	47.0	15.81	16.69	16.69	738.33	771.08	784.43
<b>Hawaii</b> .....	40.1	37.6	37.5	13.31	13.41	13.55	533.73	504.21	508.12
Honolulu .....	41.6	38.9	38.9	13.12	12.91	13.01	545.79	502.19	506.08
<b>Idaho</b> .....	39.2	39.5	38.3	12.93	14.01	13.61	506.86	553.39	521.26
<b>Illinois</b> .....	41.5	41.4	41.5	13.94	14.24	14.22	578.51	589.54	590.13
Bloomington-Normal .....	39.8	42.3	40.5	18.17	19.60	19.05	723.17	829.08	771.53
Champaign-Urbana .....	40.9	40.0	40.0	11.31	12.53	12.46	462.58	501.20	498.40
Chicago .....	41.8	41.6	41.9	13.61	14.02	14.01	568.90	583.23	587.02
Davenport-Moline-Rock Island .....	41.7	40.5	40.3	15.47	15.51	15.65	645.10	628.16	630.70
Decatur .....	42.3	41.7	41.8	16.71	16.79	16.72	706.83	700.14	698.90
Kankakee .....	40.6	42.1	41.0	15.48	15.44	15.48	628.49	650.02	634.68
Peoria-Pekin .....	42.1	40.8	41.5	16.61	16.76	16.61	699.28	683.81	689.32
Rockford .....	42.6	41.4	41.9	16.14	16.50	16.40	687.56	683.10	687.16
Springfield .....	41.7	40.5	41.3	12.39	12.87	12.80	516.66	521.24	528.64

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas — Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Indiana</b> .....	42.7	42.5	42.4	\$15.07	\$15.63	\$15.66	\$643.49	\$664.27	\$663.98
Bloomington .....	40.5	40.0	40.1	12.64	13.73	13.70	511.92	549.20	549.37
Elkhart-Goshen .....	39.8	39.7	39.6	12.78	13.70	13.86	508.64	543.89	548.85
Evansville-Henderson .....	44.4	43.6	43.8	14.60	15.16	15.27	648.24	660.97	668.82
Fort Wayne .....	40.2	40.5	40.8	15.61	16.25	16.26	627.52	658.12	663.40
Gary .....	44.4	42.8	42.9	19.46	20.61	20.70	864.02	882.10	888.03
Indianapolis .....	44.3	44.1	44.0	15.56	15.46	15.42	689.31	681.78	678.48
Kokomo .....	46.8	48.5	48.2	22.66	21.86	22.00	1,060.49	1,060.21	1,060.40
Lafayette .....	43.6	42.5	43.0	15.65	16.60	16.73	682.34	705.50	719.39
Muncie .....	44.9	43.9	44.0	14.37	13.62	13.75	645.21	597.91	605.00
South Bend .....	41.0	40.6	40.7	11.92	12.51	12.46	488.72	507.90	507.12
Terre Haute .....	43.7	43.9	44.3	14.46	13.82	14.06	631.90	606.69	622.85
<b>Iowa</b> .....	40.4	41.3	41.6	14.24	14.38	14.61	575.30	593.89	607.77
Cedar Rapids .....	39.6	45.2	43.8	18.91	18.58	19.77	748.84	839.81	865.92
Des Moines .....	37.7	39.9	40.3	14.02	15.88	15.97	528.55	633.61	643.59
Dubuque .....	37.6	36.9	37.9	15.45	16.24	16.64	580.92	599.25	630.65
Sioux City .....	37.1	35.7	33.6	12.08	11.75	11.89	448.17	419.47	399.50
<b>Kansas</b> .....	40.8	40.1	40.2	14.12	14.93	14.97	576.10	598.69	601.79
Topeka .....	40.9	38.5	37.6	16.78	17.80	17.85	686.30	685.30	671.16
Wichita .....	41.3	41.3	41.4	16.27	17.10	17.15	671.95	706.23	710.01
<b>Kentucky</b> .....	41.4	42.3	42.3	14.31	14.42	14.59	592.43	609.96	617.15
Lexington .....	42.3	42.2	42.2	14.14	15.05	15.10	598.12	635.11	637.22
Louisville .....	42.4	44.0	44.1	15.93	16.61	16.69	675.43	730.84	736.02
<b>Louisiana</b> .....	43.3	43.3	42.8	15.02	15.57	15.54	650.37	674.18	665.11
Baton Rouge .....	42.6	41.8	41.3	17.68	17.08	16.90	753.17	713.94	697.97
New Orleans .....	43.7	43.0	43.1	14.98	14.79	14.99	654.63	635.97	646.06
Shreveport-Bossier City .....	41.6	41.9	42.2	14.15	14.69	15.05	588.64	615.51	635.11
<b>Maine</b> .....	40.4	41.3	41.7	13.83	14.16	14.02	558.73	584.80	584.63
Lewiston-Auburn .....	41.1	41.5	41.7	12.09	12.65	12.54	496.90	524.97	522.91
Portland .....	41.7	43.0	43.5	11.53	11.87	11.76	480.80	510.41	511.56
<b>Maryland</b> .....	41.1	40.9	41.1	14.58	14.87	14.72	599.24	608.18	604.99
Baltimore PMSA .....	41.3	41.4	41.3	15.40	15.60	15.34	636.02	645.84	633.54
<b>Massachusetts</b> .....	42.1	42.1	42.1	14.09	14.48	14.51	593.19	609.60	610.87
Boston .....	41.4	41.1	41.3	15.35	15.91	15.98	635.49	653.90	659.97
Springfield .....	41.8	41.0	41.1	13.72	13.87	13.87	573.50	568.67	570.05
Worcester .....	42.0	41.7	42.6	14.25	14.75	14.83	598.50	615.07	631.75
<b>Michigan</b> .....	43.8	43.9	43.8	18.23	18.86	19.02	798.47	827.95	833.07
Ann Arbor .....	44.4	45.4	45.0	19.96	20.22	20.30	886.22	917.98	913.50
Detroit .....	45.1	45.6	45.1	20.60	20.83	20.46	929.06	949.84	922.74
Flint .....	44.6	45.6	45.9	25.19	25.16	25.60	1,123.47	1,147.29	1,175.04
Grand Rapids-Muskegon-Holland .....	41.7	42.0	42.0	14.92	15.20	15.21	622.16	638.40	638.82
Jackson .....	41.2	41.8	43.4	13.10	13.35	13.46	539.72	558.03	584.16
Kalamazoo-Battle Creek .....	43.1	42.7	42.4	15.65	14.66	14.63	674.52	625.98	620.31
Lansing East Lansing .....	42.6	42.5	42.8	19.51	20.02	20.21	831.13	850.85	864.98
Saginaw-Bay City-Midland .....	45.5	46.6	46.1	22.23	21.80	21.83	1,011.47	1,015.88	1,006.36
<b>Minnesota</b> .....	40.6	40.7	40.7	14.21	14.75	14.77	576.93	600.33	601.14
Duluth-Superior .....	39.2	39.3	38.3	12.40	12.97	12.86	486.08	509.72	492.54
Minneapolis-St. Paul .....	41.1	42.1	41.9	15.36	15.67	15.63	631.30	659.71	654.90
St. Cloud .....	40.9	42.0	42.4	13.36	13.96	13.73	546.42	586.32	582.15
<b>Mississippi</b> .....	41.2	41.5	40.9	11.06	11.55	11.62	455.67	479.33	475.26
Jackson .....	41.5	40.1	38.9	12.83	12.99	12.92	532.45	520.90	502.59
<b>Missouri</b> .....	41.1	40.9	41.6	13.80	14.06	14.15	567.18	575.05	588.64
Kansas City .....	42.0	40.9	40.0	14.37	14.91	14.89	603.54	609.81	595.60
St. Louis .....	42.0	42.2	42.7	15.94	16.40	16.47	669.48	692.08	703.26
Springfield .....	39.3	40.5	40.5	11.76	12.02	12.12	462.17	486.81	490.86
<b>Montana</b> .....	38.1	39.0	38.5	14.27	14.08	14.14	543.69	549.12	544.39
<b>Nebraska</b> .....	41.3	41.1	41.8	12.69	12.70	12.77	524.10	521.97	533.78
Lincoln .....	43.9	44.3	45.2	14.45	14.82	14.80	634.36	656.52	668.96
Omaha .....	42.3	42.3	41.2	13.03	13.65	14.11	551.17	577.39	581.33
<b>Nevada</b> .....	40.9	41.7	41.5	14.01	13.45	13.30	573.01	560.86	551.95
Las Vegas .....	35.9	43.8	43.2	16.39	12.90	12.59	588.40	565.02	543.88

See footnotes at end of table.



**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**  
**NOT SEASONALLY ADJUSTED**

**B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas — Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>New Hampshire</b> .....	40.8	40.6	41.3	\$13.03	\$13.24	\$13.25	\$531.62	\$537.54	\$547.22
Manchester .....	41.0	39.3	40.3	13.58	14.42	14.61	556.78	566.70	588.78
Nashua .....	41.1	40.9	40.8	14.67	13.70	13.78	602.94	560.33	562.22
Portsmouth-Rochester .....	40.9	40.5	41.7	12.74	13.30	13.48	521.07	538.65	562.11
<b>New Jersey</b> .....	41.8	41.7	41.8	14.94	15.30	15.36	624.49	638.01	642.04
<b>New Mexico</b> .....	38.2	38.1	38.2	12.53	13.05	13.11	478.65	497.20	500.80
Albuquerque .....	37.7	38.3	38.6	14.42	16.26	16.15	543.63	622.75	623.39
<b>New York</b> .....	41.1	41.4	41.2	13.67	14.05	14.08	561.84	581.67	580.09
Albany-Schenectady-Troy .....	43.2	41.2	41.8	15.03	15.40	15.26	649.30	634.48	637.86
Binghamton .....	40.3	42.1	42.3	11.06	11.22	11.30	445.72	472.36	477.99
Buffalo-Niagara Falls .....	42.4	42.7	43.1	16.93	17.21	17.35	717.83	734.86	747.78
Dutchess County .....	40.2	41.1	40.9	12.12	12.12	12.14	487.22	498.13	496.52
Elmira .....	41.4	40.9	40.3	12.74	13.00	12.93	527.44	531.70	521.07
Nassau-Suffolk .....	40.1	39.8	39.9	12.86	13.18	13.08	515.69	524.56	521.89
New York PMSA .....	39.2	39.9	39.6	12.65	12.94	12.85	495.88	516.30	508.86
New York City .....	38.8	39.2	38.9	12.40	12.74	12.63	481.12	499.40	491.30
Newburgh .....	41.2	42.1	41.6	11.44	11.32	11.29	471.33	476.57	469.66
Rochester .....	42.2	42.1	42.6	15.06	16.28	16.19	635.53	685.38	689.69
Rockland County .....	44.4	44.9	44.5	16.13	15.97	16.08	716.17	717.05	715.56
Syracuse .....	42.1	41.1	41.1	14.91	15.66	15.66	627.71	643.62	643.62
Utica-Rome .....	40.4	41.0	40.7	12.36	12.82	12.87	499.34	525.62	523.80
Westchester County .....	41.2	43.2	42.9	12.98	13.06	13.06	534.78	564.19	560.27
<b>North Carolina</b> .....	40.5	42.0	41.3	12.19	12.59	12.62	493.70	528.78	521.21
Asheville .....	40.9	43.4	42.3	11.68	11.70	11.84	477.71	507.78	500.83
Charlotte-Gastonia-Rock Hill .....	40.9	42.5	41.9	13.16	13.56	13.55	538.24	576.30	567.75
Greensboro-Winston-Salem-High Point .....	39.7	40.8	40.5	12.42	12.70	12.68	493.07	518.16	513.54
Raleigh-Durham-Chapel Hill .....	42.8	43.7	43.1	13.23	13.81	13.80	566.24	603.50	594.78
<b>North Dakota</b> .....	39.9	40.7	40.7	11.54	12.49	12.41	460.45	508.34	505.08
Fargo-Moorhead .....	39.1	40.5	42.0	11.19	12.68	12.34	437.53	513.54	518.28
<b>Ohio</b> .....	42.6	43.1	43.0	16.13	16.50	16.52	687.14	711.15	710.36
Akron .....	42.9	42.0	41.8	13.43	14.20	14.11	576.15	596.40	589.79
Canton-Massillon .....	40.8	40.4	40.7	14.25	14.25	14.19	581.40	575.70	577.53
Cincinnati .....	42.3	43.9	43.6	15.76	16.19	16.12	666.65	710.74	702.83
Cleveland-Lorain-Elyria .....	43.6	43.2	43.0	15.99	16.14	16.20	697.16	697.24	696.60
Columbus .....	41.3	42.5	42.5	15.08	15.16	15.35	622.80	644.30	652.37
Dayton-Springfield .....	43.1	44.4	43.9	17.39	17.29	17.29	749.51	767.67	759.03
Hamilton-Middletown .....	46.0	45.9	44.7	17.50	17.19	17.52	805.00	789.02	783.14
Lima .....	42.9	44.0	44.0	16.60	17.40	17.35	712.14	765.60	763.40
Mansfield .....	43.7	44.4	44.8	16.10	16.76	16.87	703.57	744.14	755.77
Steubenville-Weirton .....	40.7	42.4	41.9	18.02	18.06	18.06	733.41	765.74	756.71
Toledo .....	43.5	44.4	45.0	18.50	18.73	18.92	804.75	831.61	851.40
Youngstown-Warren .....	42.3	42.7	42.9	17.89	17.55	17.67	756.75	749.38	758.04
<b>Oklahoma</b> .....	40.2	40.6	41.3	12.71	12.72	13.00	510.94	516.43	536.90
Oklahoma City .....	39.4	41.9	42.8	13.84	14.02	14.47	545.30	587.43	619.31
Tulsa .....	41.8	43.2	43.4	13.46	13.59	13.57	562.63	587.08	588.93
<b>Oregon</b> .....	40.3	39.9	39.9	14.42	14.82	14.90	581.13	591.32	594.51
Eugene-Springfield .....	41.5	40.8	40.0	13.88	14.01	13.81	576.02	571.61	552.40
Medford-Ashland .....	38.3	39.1	39.2	13.34	13.69	13.69	510.92	535.28	536.65
Portland-Vancouver .....	40.0	40.6	40.9	14.93	15.20	15.37	597.20	617.12	628.63
Salem .....	40.1	36.8	37.2	12.67	13.19	13.27	508.07	485.39	493.64
<b>Pennsylvania</b> .....	41.6	42.3	42.3	14.10	14.39	14.37	586.56	608.70	607.85
Allentown-Bethlehem-Easton .....	40.8	41.1	41.4	14.03	14.44	14.51	572.42	593.48	600.71
Altoona .....	40.0	38.1	38.6	12.97	13.35	13.20	518.80	508.64	509.52
Erie .....	45.0	43.6	44.0	14.70	14.70	14.77	661.50	640.92	649.88
Harrisburg-Lebanon-Carlisle .....	39.9	40.3	39.9	13.96	14.66	14.71	557.00	590.80	586.93
Johnstown .....	38.9	39.1	39.3	11.77	12.07	11.97	457.85	471.94	470.42
Lancaster .....	40.9	41.5	40.9	13.15	13.53	13.49	537.84	561.50	551.74
Philadelphia PMSA .....	41.1	42.2	42.7	15.60	15.97	15.91	641.16	673.93	679.36
Pittsburgh .....	42.3	42.7	42.7	15.18	15.69	15.72	642.11	669.96	671.24
Reading .....	41.5	43.1	42.9	14.40	15.10	15.09	597.60	650.81	647.36
Scranton-Wilkes-Barre-Hazleton .....	40.1	41.2	41.1	12.62	12.93	12.86	506.06	532.72	528.55
Sharon .....	42.5	42.0	41.9	14.18	14.69	14.81	602.65	616.98	620.54
State College .....	41.6	41.1	42.0	12.34	12.73	12.81	513.34	523.20	538.02
Williamsport .....	40.8	40.7	41.8	11.59	11.93	11.87	472.87	485.55	496.17
York .....	42.7	42.5	43.2	14.63	15.20	15.20	624.70	646.00	656.64

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS  
NOT SEASONALLY ADJUSTED**

**B-18. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas — Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>	March 1999	February 2000	March 2000 <sup>P</sup>
<b>Rhode Island</b> .....	39.8	40.9	40.4	\$11.96	\$12.21	\$12.16	\$476.01	\$499.38	\$491.26
Providence-Fall River-Warwick .....	40.6	40.2	40.0	12.25	12.32	12.23	497.35	495.26	489.20
<b>South Carolina</b> .....	42.4	42.8	42.8	10.57	10.87	10.88	448.17	465.24	465.66
<b>South Dakota</b> .....	42.6	43.0	43.1	10.54	10.71	10.72	449.00	460.53	462.03
Rapid City .....	40.3	40.2	40.1	10.52	10.74	10.70	423.96	431.74	429.07
Sioux Falls .....	43.8	44.5	44.7	10.97	11.12	11.18	480.49	494.84	499.74
<b>Tennessee</b> .....	40.4	40.5	40.7	12.31	12.72	12.73	497.32	515.16	518.11
Chattanooga .....	41.3	40.8	41.8	11.55	12.14	11.99	477.02	495.31	501.18
Johnson City-Kingsport-Bristol .....	39.2	41.5	41.6	12.81	12.72	12.65	502.15	527.88	526.24
Knoxville .....	41.2	40.1	39.7	12.13	12.49	12.49	499.76	500.84	495.85
Memphis .....	39.8	39.9	40.7	13.25	13.31	13.51	527.35	531.06	549.85
Nashville .....	38.7	40.0	40.3	13.09	13.94	13.83	506.58	557.60	557.34
<b>Texas</b> .....	43.3	43.1	43.1	12.22	12.34	12.33	529.13	531.85	531.42
Dallas .....	42.6	41.5	41.9	12.43	12.42	12.43	529.52	515.43	520.82
Ft. Worth-Arlington .....	42.9	43.5	43.3	13.31	13.48	13.45	571.00	586.38	582.39
Houston .....	44.0	44.1	44.3	14.23	14.55	14.49	626.12	641.66	641.91
San Antonio .....	42.2	43.2	43.2	9.94	10.12	10.11	419.47	437.18	436.75
<b>Utah</b> .....	40.5	39.0	39.2	13.33	13.49	13.66	539.87	526.11	535.47
Salt Lake City-Ogden .....	41.2	38.6	39.0	12.97	13.06	13.28	534.36	504.11	517.92
<b>Vermont</b> .....	38.9	41.3	40.9	13.53	14.18	14.48	526.32	585.63	592.23
Burlington .....	41.9	46.4	48.1	14.47	15.67	16.65	606.29	727.08	800.86
<b>Virginia</b> .....	41.7	42.3	42.1	13.30	13.70	13.66	554.61	579.51	575.08
Bristol .....	49.9	51.4	51.9	11.59	12.79	12.47	578.34	657.40	647.19
Charlottesville .....	36.3	43.0	45.2	10.64	11.34	11.31	386.23	487.62	511.21
Danville .....	44.1	44.8	45.6	13.63	13.66	13.94	601.08	611.96	635.66
Lynchburg .....	42.8	43.6	43.4	13.07	13.28	13.29	559.40	579.00	576.78
Northern Virginia .....	41.7	40.0	39.6	13.72	13.84	14.09	572.12	553.60	557.96
Richmond-Petersburg .....	41.9	41.8	41.7	16.30	16.32	16.22	682.97	682.17	676.37
Roanoke .....	40.2	38.8	38.9	14.16	14.36	14.62	569.23	557.16	568.71
<b>Washington</b> .....	41.0	40.7	40.9	16.01	16.74	16.58	656.41	681.31	678.12
<b>West Virginia</b> .....	40.5	42.0	41.5	13.83	14.35	14.32	560.12	602.70	594.28
Charleston .....	47.9	49.6	47.2	15.79	16.18	16.12	756.34	802.53	760.86
Huntington-Ashland .....	41.3	41.2	40.7	15.13	15.04	15.23	624.87	619.65	619.86
Parkersburg-Marietta .....	41.9	41.9	41.1	17.55	18.40	18.55	735.35	770.96	762.41
Wheeling .....	38.7	41.3	39.2	17.18	18.37	17.60	664.87	758.68	689.92
<b>Wisconsin</b> .....	41.5	41.7	41.7	14.45	14.69	14.69	599.68	612.57	612.57
Appleton-Oshkosh-Neenah .....	43.3	44.7	44.4	15.68	15.95	15.93	678.94	712.97	707.29
Eau Claire .....	40.4	42.2	42.9	12.63	13.33	12.84	510.25	562.53	550.84
Green Bay .....	41.6	42.5	43.3	15.39	15.31	15.41	640.22	650.68	667.25
Janesville-Beloit .....	42.8	40.7	41.7	19.09	18.81	19.44	817.05	765.57	810.65
Kenosha .....	38.9	38.9	38.9	15.83	17.62	17.50	615.79	685.42	680.75
La Crosse .....	39.9	40.7	39.8	12.68	12.31	12.59	505.93	501.02	501.08
Madison .....	40.0	41.1	40.0	13.39	14.19	14.14	535.60	583.21	565.60
Milwaukee-Waukesha .....	41.6	40.5	41.6	15.36	15.67	15.49	638.98	634.64	644.38
Racine .....	41.0	41.1	41.7	14.96	14.94	14.89	613.36	614.03	620.91
Sheboygan .....	41.9	41.8	42.1	14.47	14.73	14.69	606.29	615.71	618.45
Wausau .....	41.9	40.6	39.6	13.95	14.56	14.52	584.51	591.14	574.99
<b>Wyoming</b> .....	40.0	39.4	39.1	15.73	15.60	15.32	629.20	614.64	599.01
<b>Puerto Rico</b> .....	40.8	41.1	41.0	8.74	9.16	9.23	356.59	376.47	378.43
<b>Virgin Islands</b> .....	43.5	( <sup>1</sup> )	( <sup>1</sup> )	18.91	( <sup>1</sup> )	( <sup>1</sup> )	822.59	( <sup>1</sup> )	( <sup>1</sup> )

<sup>1</sup> Not available.

<sup>P</sup> = preliminary.

NOTE: Area definitions are published annually in the May issue of this publication. All

State and area data (with the exception of data for New Jersey) have been adjusted to March 1999 benchmarks.

**LABOR FORCE DATA  
REGIONS AND DIVISIONS  
SEASONALLY ADJUSTED**

**C-1. Labor force status by census region and division, seasonally adjusted<sup>1</sup>**

(Numbers in thousands)

Census region and division	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
<b>NORTHEAST</b>													
Civilian labor force .....	26,107.9	26,151.8	26,158.0	26,188.6	26,224.2	26,239.4	26,246.5	26,293.0	26,316.7	26,336.6	26,416.3	26,417.1	26,364.9
Employed .....	24,946.3	25,002.0	24,987.2	25,012.9	25,067.2	25,079.7	25,095.2	25,160.3	25,209.1	25,252.8	25,365.3	25,358.2	25,384.0
Unemployed .....	1,161.6	1,149.8	1,170.9	1,175.6	1,156.9	1,159.7	1,151.3	1,132.7	1,107.6	1,083.9	1,051.0	1,059.0	980.9
Unemployment rate .....	4.4	4.4	4.5	4.5	4.4	4.4	4.4	4.3	4.2	4.1	4.0	4.0	3.7
<b>New England</b>													
Civilian labor force .....	7,111.5	7,127.7	7,129.8	7,139.0	7,149.4	7,154.1	7,163.6	7,182.5	7,193.2	7,201.5	7,226.5	7,232.8	7,200.1
Employed .....	6,874.5	6,893.6	6,887.6	6,898.2	6,914.7	6,920.6	6,930.5	6,949.4	6,965.4	6,978.8	7,019.2	7,018.9	7,017.0
Unemployed .....	236.9	234.1	242.2	240.8	234.6	233.5	233.1	233.1	227.8	222.7	207.3	213.9	183.1
Unemployment rate .....	3.3	3.3	3.4	3.4	3.3	3.3	3.3	3.2	3.2	3.1	2.9	3.0	2.5
<b>Middle Atlantic</b>													
Civilian labor force .....	18,996.4	19,024.1	19,028.3	19,049.5	19,074.8	19,085.3	19,082.9	19,110.5	19,123.5	19,135.1	19,189.8	19,184.3	19,164.9
Employed .....	18,071.8	18,108.4	18,099.6	18,114.7	18,152.5	18,159.1	18,164.7	18,210.9	18,243.7	18,274.0	18,346.1	18,339.3	18,367.0
Unemployed .....	924.7	915.7	928.7	934.8	922.3	926.2	918.2	899.6	879.8	861.1	843.7	845.1	797.8
Unemployment rate .....	4.9	4.8	4.9	4.9	4.8	4.9	4.8	4.7	4.6	4.5	4.4	4.4	4.2
<b>SOUTH</b>													
Civilian labor force .....	48,087.5	48,148.2	48,186.0	48,277.5	48,351.3	48,440.4	48,581.6	48,748.2	48,881.3	49,012.4	49,142.0	49,249.5	49,295.6
Employed .....	46,059.2	46,131.3	46,171.1	46,266.7	46,382.7	46,469.6	46,607.2	46,774.9	46,929.0	47,076.3	47,254.4	47,330.0	47,379.6
Unemployed .....	2,028.2	2,016.9	2,014.9	2,010.8	1,968.7	1,970.8	1,974.4	1,973.3	1,952.3	1,936.1	1,887.6	1,919.5	1,916.1
Unemployment rate .....	4.2	4.2	4.2	4.2	4.1	4.1	4.1	4.0	4.0	4.0	3.8	3.9	3.9
<b>South Atlantic</b>													
Civilian labor force .....	24,859.8	24,915.6	24,949.6	24,985.5	25,038.7	25,101.1	25,184.6	25,287.9	25,371.0	25,451.4	25,501.4	25,560.9	25,605.8
Employed .....	23,907.0	23,970.9	24,001.5	24,047.4	24,115.0	24,171.2	24,251.2	24,353.3	24,442.8	24,532.8	24,607.7	24,666.1	24,722.6
Unemployed .....	952.9	944.7	948.0	938.1	923.7	929.9	933.4	934.6	928.2	918.6	893.7	894.8	883.2
Unemployment rate .....	3.8	3.8	3.8	3.8	3.7	3.7	3.7	3.7	3.7	3.6	3.5	3.5	3.4
<b>East South Central</b>													
Civilian labor force .....	8,165.4	8,173.4	8,177.8	8,195.3	8,210.8	8,212.7	8,227.2	8,249.2	8,259.3	8,273.2	8,313.7	8,334.0	8,328.5
Employed .....	7,788.6	7,798.1	7,802.2	7,818.4	7,841.2	7,844.3	7,861.9	7,886.2	7,904.8	7,924.1	7,965.4	7,978.4	7,988.8
Unemployed .....	376.8	375.3	375.6	376.9	369.6	368.4	365.4	363.0	354.5	349.1	348.3	355.6	339.7
Unemployment rate .....	4.6	4.6	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.2	4.3	4.1
<b>West South Central</b>													
Civilian labor force .....	15,062.3	15,059.2	15,058.7	15,096.6	15,101.8	15,126.6	15,169.7	15,211.1	15,251.0	15,287.8	15,327.0	15,354.6	15,361.3
Employed .....	14,363.7	14,362.3	14,367.4	14,400.9	14,426.5	14,454.2	14,494.1	14,535.4	14,581.4	14,619.5	14,681.4	14,685.5	14,668.2
Unemployed .....	698.6	696.9	691.3	695.7	675.3	672.4	675.7	675.7	669.6	668.4	645.6	669.1	693.1
Unemployment rate .....	4.6	4.6	4.6	4.6	4.5	4.4	4.5	4.4	4.4	4.4	4.2	4.4	4.5

See footnotes at end of table.

**LABOR FORCE DATA  
REGIONS AND DIVISIONS  
SEASONALLY ADJUSTED**

**C-1. Labor force status by census region and division, seasonally adjusted<sup>1</sup> — Continued**

(Numbers in thousands)

Census region and division	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
<b>MIDWEST</b>													
Civilian labor force .....	33,232.4	33,291.8	33,313.2	33,391.1	33,471.9	33,473.1	33,543.4	33,640.6	33,720.7	33,816.4	33,888.9	33,906.6	33,881.2
Employed .....	32,033.0	32,096.1	32,088.4	32,159.6	32,254.6	32,268.8	32,356.7	32,470.0	32,565.1	32,671.1	32,791.1	32,775.2	32,757.4
Unemployed .....	1,199.4	1,195.6	1,224.8	1,231.5	1,217.3	1,204.3	1,186.7	1,170.6	1,155.6	1,145.4	1,097.8	1,131.5	1,123.7
Unemployment rate .....	3.6	3.6	3.7	3.7	3.6	3.6	3.5	3.5	3.4	3.4	3.2	3.3	3.3
<b>East North Central</b>													
Civilian labor force .....	23,110.2	23,158.7	23,171.6	23,224.3	23,280.3	23,272.7	23,306.0	23,360.6	23,404.4	23,448.8	23,506.5	23,516.3	23,475.2
Employed .....	22,224.3	22,269.8	22,262.5	22,309.4	22,373.8	22,372.5	22,415.7	22,474.7	22,528.7	22,579.5	22,670.7	22,659.9	22,632.2
Unemployed .....	885.9	889.0	909.0	914.9	906.5	900.2	890.4	885.9	875.7	869.3	835.8	856.4	843.0
Unemployment rate .....	3.8	3.8	3.9	3.9	3.9	3.9	3.8	3.8	3.7	3.7	3.6	3.6	3.6
<b>West North Central</b>													
Civilian labor force .....	10,122.2	10,133.0	10,141.6	10,166.8	10,191.5	10,200.5	10,237.4	10,280.0	10,316.3	10,367.6	10,382.4	10,390.3	10,406.0
Employed .....	9,808.7	9,826.3	9,825.9	9,850.3	9,880.7	9,896.4	9,941.1	9,995.3	10,036.4	10,091.6	10,120.4	10,115.2	10,125.2
Unemployed .....	313.5	306.7	315.7	316.6	310.8	304.1	296.3	284.7	279.9	276.0	262.0	275.1	280.7
Unemployment rate .....	3.1	3.0	3.1	3.1	3.0	3.0	2.9	2.8	2.7	2.7	2.5	2.6	2.7
<b>WEST</b>													
Civilian labor force .....	31,018.1	31,057.5	31,099.9	31,152.0	31,221.3	31,237.0	31,260.6	31,351.4	31,431.9	31,508.3	31,607.8	31,641.1	31,673.7
Employed .....	29,425.3	29,478.1	29,533.3	29,595.8	29,691.5	29,731.2	29,782.0	29,881.2	29,980.9	30,063.4	30,199.9	30,243.5	30,250.8
Unemployed .....	1,592.8	1,579.4	1,566.6	1,556.2	1,529.8	1,505.8	1,478.7	1,470.2	1,451.0	1,444.9	1,407.8	1,397.5	1,422.9
Unemployment rate .....	5.1	5.1	5.0	5.0	4.9	4.8	4.7	4.7	4.6	4.6	4.5	4.4	4.5
<b>Mountain</b>													
Civilian labor force .....	8,773.7	8,802.7	8,811.9	8,830.2	8,859.4	8,873.6	8,895.5	8,928.4	8,960.7	8,994.5	9,014.4	9,020.2	9,034.1
Employed .....	8,398.3	8,424.2	8,431.3	8,453.5	8,485.5	8,502.9	8,533.4	8,568.6	8,609.0	8,648.1	8,679.3	8,682.6	8,704.2
Unemployed .....	375.4	378.5	380.6	376.7	373.9	370.7	362.1	359.8	351.8	346.4	335.2	337.6	330.0
Unemployment rate .....	4.3	4.3	4.3	4.3	4.2	4.2	4.1	4.0	3.9	3.9	3.7	3.7	3.7
<b>Pacific</b>													
Civilian labor force .....	22,244.4	22,254.8	22,288.0	22,321.7	22,362.0	22,363.4	22,365.1	22,423.0	22,471.2	22,513.8	22,593.3	22,620.9	22,639.5
Employed .....	21,027.0	21,053.9	21,102.0	21,142.3	21,206.0	21,228.3	21,248.5	21,312.5	21,371.9	21,415.3	21,520.6	21,561.0	21,546.6
Unemployed .....	1,217.4	1,200.9	1,186.0	1,179.5	1,155.9	1,135.1	1,116.5	1,110.4	1,099.2	1,098.5	1,072.7	1,059.9	1,092.9
Unemployment rate .....	5.5	5.4	5.3	5.3	5.2	5.1	5.0	5.0	4.9	4.9	4.7	4.7	4.8

<sup>P</sup> = preliminary.

<sup>1</sup> These estimates are obtained from summing official State estimates produced and published through the Local Area Unemployment Statistics (LAUS) program.

NOTE: The States (including the District of Columbia) that compose the various census divisions are: New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont; Middle Atlantic: New Jersey, New York, and Pennsylvania; South Atlantic: Delaware, District of Columbia, Florida, Georgia,

Maryland, North Carolina, South Carolina, Virginia, and West Virginia; East South Central: Alabama, Kentucky, Mississippi, and Tennessee; West South Central: Arkansas, Louisiana, Oklahoma, and Texas; East North Central: Illinois, Indiana, Michigan, Ohio, and Wisconsin; West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota; Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming; and Pacific: Alaska, California, Hawaii, Oregon, and Washington.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

**C-2. Labor force status by State, seasonally adjusted**

(Numbers in thousands)

State	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.P
<b>Alabama</b>													
Civilian labor force .....	2,132.5	2,133.4	2,130.4	2,134.4	2,140.8	2,144.9	2,151.7	2,159.2	2,169.6	2,182.5	2,197.8	2,199.9	2,186.6
Employed .....	2,031.3	2,029.5	2,026.9	2,030.1	2,038.0	2,040.2	2,047.9	2,056.9	2,067.2	2,079.5	2,089.7	2,098.4	2,095.2
Unemployed .....	101.2	103.9	103.4	104.3	102.8	104.7	103.8	102.3	102.3	103.0	108.1	101.6	91.4
Unemployment rate .....	4.7	4.9	4.9	4.9	4.8	4.9	4.8	4.7	4.7	4.7	4.9	4.6	4.2
<b>Alaska</b>													
Civilian labor force .....	314.5	314.6	314.8	314.1	313.8	314.4	314.9	315.7	316.7	317.6	318.9	319.2	320.1
Employed .....	293.9	293.8	293.5	293.3	293.4	294.5	295.5	296.6	297.7	299.4	300.1	300.7	300.8
Unemployed .....	20.6	20.8	21.3	20.8	20.4	19.9	19.4	19.1	19.0	18.2	18.9	18.5	19.3
Unemployment rate .....	6.6	6.6	6.8	6.6	6.5	6.3	6.2	6.0	6.0	5.7	5.9	5.8	6.0
<b>Arizona</b>													
Civilian labor force .....	2,335.7	2,352.3	2,357.0	2,362.6	2,373.7	2,378.4	2,380.8	2,386.9	2,392.0	2,396.5	2,401.2	2,398.6	2,398.3
Employed .....	2,230.8	2,244.3	2,247.6	2,255.2	2,265.7	2,271.4	2,279.3	2,285.3	2,292.3	2,299.7	2,302.6	2,303.9	2,304.8
Unemployed .....	104.9	108.0	109.4	107.3	108.1	107.0	101.5	101.6	99.7	96.8	98.7	94.7	93.4
Unemployment rate .....	4.5	4.6	4.6	4.5	4.6	4.5	4.3	4.3	4.2	4.0	4.1	3.9	3.9
<b>Arkansas</b>													
Civilian labor force .....	1,207.1	1,209.7	1,211.8	1,215.9	1,220.0	1,224.0	1,229.5	1,236.3	1,243.7	1,251.8	1,256.7	1,259.0	1,261.9
Employed .....	1,151.6	1,154.2	1,156.8	1,160.7	1,165.8	1,170.4	1,177.2	1,184.0	1,191.8	1,198.6	1,201.8	1,202.2	1,202.1
Unemployed .....	55.5	55.5	55.0	55.2	54.1	53.7	52.3	52.3	51.9	53.1	54.9	56.8	59.8
Unemployment rate .....	4.6	4.6	4.5	4.5	4.4	4.4	4.3	4.2	4.2	4.2	4.4	4.7	4.7
<b>California</b>													
Civilian labor force .....	16,508.6	16,527.1	16,552.7	16,580.8	16,614.0	16,619.5	16,630.6	16,667.4	16,695.4	16,726.0	16,794.2	16,805.4	16,809.5
Employed .....	15,601.1	15,631.2	15,677.4	15,713.2	15,759.7	15,783.6	15,807.2	15,841.6	15,870.9	15,898.0	15,993.9	16,026.8	15,987.0
Unemployed .....	907.5	895.9	875.3	867.7	854.3	835.9	823.4	825.8	824.5	828.0	800.3	778.6	822.5
Unemployment rate .....	5.5	5.4	5.3	5.2	5.1	5.0	5.0	5.0	4.9	5.0	4.8	4.6	4.9
<b>Colorado</b>													
Civilian labor force .....	2,244.3	2,251.9	2,252.2	2,256.9	2,264.3	2,265.1	2,271.9	2,281.1	2,292.1	2,301.2	2,313.5	2,312.1	2,318.4
Employed .....	2,177.5	2,185.1	2,186.8	2,191.8	2,200.0	2,201.0	2,208.0	2,216.0	2,227.8	2,235.8	2,254.3	2,247.1	2,254.9
Unemployed .....	66.8	66.8	65.4	65.1	64.3	64.1	63.9	65.0	64.3	65.5	59.2	64.9	63.5
Unemployment rate .....	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.9	2.8	2.8	2.6	2.8	2.7
<b>Connecticut</b>													
Civilian labor force .....	1,689.9	1,690.8	1,690.4	1,690.3	1,689.7	1,688.9	1,690.2	1,694.2	1,696.0	1,697.1	1,706.7	1,707.8	1,707.5
Employed .....	1,633.3	1,634.5	1,633.1	1,634.2	1,637.7	1,638.3	1,637.8	1,642.2	1,646.6	1,649.9	1,668.7	1,666.0	1,667.6
Unemployed .....	56.6	56.3	57.3	56.1	52.0	50.6	52.4	52.0	49.4	47.2	38.0	41.9	39.9
Unemployment rate .....	3.3	3.3	3.4	3.3	3.1	3.0	3.1	3.1	2.9	2.8	2.2	2.5	2.3
<b>Delaware</b>													
Civilian labor force .....	387.2	386.9	385.9	385.7	387.0	387.3	389.0	392.0	394.3	396.7	397.0	397.8	400.6
Employed .....	373.3	372.8	371.9	372.0	373.4	374.4	375.8	378.4	380.6	383.0	384.8	384.0	387.9
Unemployed .....	13.9	14.1	14.0	13.7	13.5	12.9	13.1	13.6	13.7	13.8	12.2	13.7	12.6
Unemployment rate .....	3.6	3.6	3.6	3.5	3.5	3.3	3.4	3.5	3.5	3.5	3.1	3.5	3.2
<b>District of Columbia</b>													
Civilian labor force .....	279.1	280.1	281.5	283.1	283.6	285.0	284.4	284.7	284.9	284.4	279.9	280.8	279.9
Employed .....	260.4	261.8	263.7	265.8	266.8	268.2	267.6	268.2	268.0	267.3	263.2	265.3	263.9
Unemployed .....	18.6	18.3	17.9	17.3	16.8	16.8	16.8	16.5	16.8	17.1	16.7	15.5	16.0
Unemployment rate .....	6.7	6.5	6.3	6.1	5.9	5.9	5.9	5.8	5.9	6.0	6.0	5.5	5.7
<b>Florida</b>													
Civilian labor force .....	7,290.6	7,306.8	7,319.3	7,339.0	7,359.7	7,381.2	7,406.6	7,446.6	7,483.6	7,508.2	7,540.4	7,547.8	7,562.1
Employed .....	7,003.7	7,020.5	7,035.2	7,058.7	7,085.4	7,104.5	7,127.4	7,162.0	7,193.4	7,221.2	7,260.4	7,265.2	7,279.6
Unemployed .....	286.8	286.3	284.0	280.3	274.3	276.6	279.1	284.6	290.2	287.1	280.0	282.6	282.5
Unemployment rate .....	3.9	3.9	3.9	3.8	3.7	3.7	3.8	3.8	3.9	3.8	3.7	3.7	3.7

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

**C-2. Labor force status by State, seasonally adjusted — Continued**

(Numbers in thousands)

State	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
<b>Georgia</b>													
Civilian labor force .....	4,060.3	4,076.3	4,082.7	4,088.2	4,090.9	4,096.8	4,104.1	4,109.7	4,110.2	4,118.8	4,118.5	4,144.7	4,144.7
Employed .....	3,889.4	3,907.9	3,915.5	3,920.1	3,927.1	3,934.1	3,944.2	3,955.3	3,962.2	3,970.4	3,970.0	4,003.0	4,003.5
Unemployed .....	170.9	168.4	167.2	168.1	163.8	162.7	159.9	154.5	148.1	148.3	148.5	141.6	141.2
Unemployment rate .....	4.2	4.1	4.1	4.1	4.0	4.0	3.9	3.8	3.6	3.6	3.6	3.4	3.4
<b>Hawaii</b>													
Civilian labor force .....	592.4	593.0	593.3	593.3	593.8	594.5	596.3	597.8	598.9	599.5	602.5	601.3	603.8
Employed .....	557.0	558.5	559.4	559.8	561.3	562.3	564.6	566.0	567.6	568.8	573.0	572.9	575.5
Unemployed .....	35.4	34.6	33.9	33.5	32.4	32.2	31.7	31.8	31.3	30.7	29.4	28.4	28.3
Unemployment rate .....	6.0	5.8	5.7	5.6	5.5	5.4	5.3	5.3	5.2	5.1	4.9	4.7	4.7
<b>Idaho</b>													
Civilian labor force .....	652.7	651.7	651.8	652.8	654.7	656.0	656.4	658.6	660.1	662.8	661.9	663.1	667.3
Employed .....	616.4	615.9	616.0	617.3	620.0	622.0	623.8	626.7	629.8	633.6	633.0	633.9	640.2
Unemployed .....	36.3	35.9	35.8	35.6	34.7	34.0	32.6	31.9	30.3	29.1	28.9	29.2	27.1
Unemployment rate .....	5.6	5.5	5.5	5.4	5.3	5.2	5.0	4.8	4.6	4.4	4.4	4.4	4.1
<b>Illinois</b>													
Civilian labor force .....	6,346.2	6,368.4	6,383.3	6,401.7	6,422.8	6,409.9	6,412.9	6,413.1	6,411.4	6,409.8	6,420.2	6,434.1	6,419.7
Employed .....	6,085.2	6,101.4	6,103.5	6,118.9	6,137.2	6,126.0	6,135.4	6,138.9	6,140.8	6,139.5	6,158.6	6,156.5	6,139.0
Unemployed .....	261.0	266.9	279.9	282.7	285.6	283.9	277.5	274.2	270.6	270.3	261.6	277.6	280.6
Unemployment rate .....	4.1	4.2	4.4	4.4	4.4	4.4	4.3	4.3	4.2	4.2	4.1	4.3	4.4
<b>Indiana</b>													
Civilian labor force .....	3,066.2	3,067.6	3,070.2	3,071.2	3,070.7	3,076.7	3,074.9	3,090.3	3,098.1	3,104.5	3,116.3	3,122.5	3,110.2
Employed .....	2,975.6	2,975.8	2,974.3	2,977.0	2,981.5	2,983.8	2,982.1	2,998.5	3,005.7	3,014.3	3,022.6	3,022.7	3,010.1
Unemployed .....	90.6	91.8	96.0	94.2	89.2	92.9	92.8	91.8	92.3	90.3	93.8	99.9	100.1
Unemployment rate .....	3.0	3.0	3.1	3.1	2.9	3.0	3.0	3.0	3.0	2.9	3.0	3.2	3.2
<b>Iowa</b>													
Civilian labor force .....	1,567.0	1,569.2	1,568.9	1,573.2	1,574.9	1,576.4	1,575.9	1,578.1	1,578.9	1,585.5	1,583.9	1,586.9	1,585.2
Employed .....	1,524.9	1,529.0	1,528.1	1,532.9	1,534.4	1,536.3	1,537.6	1,541.4	1,544.1	1,550.9	1,546.4	1,551.8	1,552.1
Unemployed .....	42.1	40.2	40.8	40.4	40.4	40.1	38.3	36.7	34.8	34.6	37.6	35.1	33.1
Unemployment rate .....	2.7	2.6	2.6	2.6	2.6	2.5	2.4	2.3	2.2	2.2	2.4	2.2	2.1
<b>Kansas</b>													
Civilian labor force .....	1,427.1	1,428.0	1,428.9	1,429.5	1,435.5	1,435.7	1,438.6	1,442.4	1,445.3	1,448.4	1,451.9	1,451.2	1,450.3
Employed .....	1,385.1	1,386.6	1,387.7	1,390.0	1,394.6	1,393.9	1,395.3	1,398.7	1,399.8	1,401.4	1,407.5	1,403.7	1,403.7
Unemployed .....	41.9	41.4	41.2	39.5	40.9	41.8	43.3	43.7	45.5	47.0	44.4	47.5	46.6
Unemployment rate .....	2.9	2.9	2.9	2.8	2.8	2.9	3.0	3.0	3.1	3.2	3.1	3.3	3.2
<b>Kentucky</b>													
Civilian labor force .....	1,960.7	1,967.5	1,971.7	1,976.4	1,972.9	1,973.8	1,975.8	1,978.4	1,975.8	1,972.5	1,981.2	1,991.5	1,988.9
Employed .....	1,868.9	1,876.0	1,879.9	1,883.9	1,884.9	1,886.7	1,889.8	1,893.3	1,895.3	1,895.6	1,906.6	1,908.6	1,912.5
Unemployed .....	91.8	91.5	91.8	92.5	88.0	87.0	86.0	85.1	80.5	76.9	74.7	82.9	76.4
Unemployment rate .....	4.7	4.7	4.7	4.7	4.5	4.4	4.4	4.3	4.1	3.9	3.8	4.2	3.8
<b>Louisiana</b>													
Civilian labor force .....	2,052.1	2,050.3	2,041.4	2,044.7	2,049.8	2,050.3	2,054.5	2,056.8	2,056.1	2,046.4	2,044.1	2,041.0	2,053.7
Employed .....	1,938.9	1,940.4	1,938.5	1,943.2	1,948.2	1,949.4	1,953.1	1,957.3	1,963.3	1,959.3	1,948.6	1,943.5	1,947.3
Unemployed .....	113.2	109.9	103.0	101.4	101.6	100.9	101.4	99.5	92.9	87.1	95.4	97.5	106.4
Unemployment rate .....	5.5	5.4	5.0	5.0	5.0	4.9	4.9	4.8	4.5	4.3	4.7	4.8	5.2
<b>Maine</b>													
Civilian labor force .....	663.3	665.5	668.5	671.0	671.2	673.6	678.3	680.9	683.7	686.9	692.1	695.3	696.1
Employed .....	635.2	637.4	638.5	641.0	644.3	645.9	650.8	654.5	658.3	661.8	667.8	671.8	671.5
Unemployed .....	28.1	28.2	29.9	29.9	27.0	27.7	27.5	26.4	25.5	25.1	24.3	23.6	24.6
Unemployment rate .....	4.2	4.2	4.5	4.5	4.0	4.1	4.1	3.9	3.7	3.7	3.5	3.4	3.5

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

**C-2. Labor force status by State, seasonally adjusted — Continued**

(Numbers in thousands)

State	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.P
<b>Maryland</b>													
Civilian labor force .....	2,742.5	2,750.3	2,751.4	2,753.9	2,753.1	2,758.6	2,780.4	2,794.4	2,805.4	2,817.8	2,828.8	2,822.1	2,822.3
Employed .....	2,638.9	2,648.1	2,650.9	2,655.8	2,656.7	2,663.5	2,686.4	2,700.5	2,714.1	2,726.6	2,742.1	2,738.3	2,737.7
Unemployed .....	103.6	102.2	100.5	98.1	96.4	95.1	94.0	93.9	91.4	91.2	86.7	83.8	84.6
Unemployment rate .....	3.8	3.7	3.7	3.6	3.5	3.4	3.4	3.4	3.3	3.2	3.1	3.0	3.0
<b>Massachusetts</b>													
Civilian labor force .....	3,263.7	3,272.2	3,270.6	3,273.5	3,279.8	3,281.8	3,285.1	3,292.2	3,293.3	3,293.7	3,299.7	3,304.4	3,273.2
Employed .....	3,162.0	3,170.4	3,165.3	3,169.0	3,173.9	3,175.3	3,179.5	3,184.7	3,186.3	3,188.1	3,201.0	3,201.9	3,195.8
Unemployed .....	101.7	101.8	105.3	104.6	106.0	106.5	105.5	107.5	107.1	105.7	98.7	102.5	77.4
Unemployment rate .....	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.3	3.3	3.2	3.0	3.1	2.4
<b>Michigan</b>													
Civilian labor force .....	5,146.2	5,151.4	5,151.0	5,158.2	5,164.4	5,144.3	5,137.4	5,130.5	5,116.0	5,092.3	5,101.0	5,070.8	5,076.7
Employed .....	4,943.2	4,953.7	4,953.8	4,963.0	4,972.4	4,957.5	4,950.3	4,940.6	4,928.8	4,909.7	4,937.5	4,932.0	4,932.5
Unemployed .....	203.0	197.7	197.2	195.3	192.0	186.8	187.2	189.9	187.3	182.6	163.4	138.8	144.2
Unemployment rate .....	3.9	3.8	3.8	3.8	3.7	3.6	3.6	3.7	3.7	3.6	3.2	2.7	2.8
<b>Minnesota</b>													
Civilian labor force .....	2,676.4	2,678.2	2,683.3	2,691.4	2,699.7	2,701.9	2,708.8	2,717.8	2,727.7	2,739.0	2,747.0	2,748.7	2,753.6
Employed .....	2,600.0	2,606.2	2,604.4	2,610.2	2,619.1	2,623.9	2,633.5	2,645.4	2,657.8	2,671.8	2,677.5	2,677.0	2,679.0
Unemployed .....	76.4	72.1	78.8	81.3	80.6	78.0	75.3	72.4	69.9	67.3	69.5	71.7	74.6
Unemployment rate .....	2.9	2.7	2.9	3.0	3.0	2.9	2.8	2.7	2.6	2.5	2.5	2.6	2.7
<b>Mississippi</b>													
Civilian labor force .....	1,256.7	1,257.7	1,259.3	1,263.4	1,268.4	1,269.9	1,277.9	1,285.4	1,291.3	1,300.0	1,305.3	1,313.6	1,313.6
Employed .....	1,191.9	1,193.3	1,194.1	1,198.6	1,204.6	1,206.5	1,212.8	1,219.4	1,226.5	1,233.7	1,238.3	1,240.2	1,241.0
Unemployed .....	64.9	64.5	65.3	64.8	63.8	63.4	65.2	66.1	64.8	66.3	67.0	73.4	72.6
Unemployment rate .....	5.2	5.1	5.2	5.1	5.0	5.0	5.1	5.1	5.0	5.1	5.1	5.6	5.5
<b>Missouri</b>													
Civilian labor force .....	2,816.0	2,823.0	2,826.1	2,836.2	2,840.1	2,841.2	2,862.0	2,881.3	2,895.5	2,916.0	2,918.9	2,916.2	2,931.4
Employed .....	2,714.8	2,720.4	2,722.1	2,729.9	2,740.8	2,745.5	2,770.5	2,796.8	2,811.5	2,832.9	2,851.1	2,840.6	2,845.5
Unemployed .....	101.2	102.6	104.0	106.3	99.3	95.7	91.5	84.5	83.1	83.1	67.8	75.6	85.9
Unemployment rate .....	3.6	3.6	3.7	3.7	3.5	3.4	3.2	2.9	2.9	2.8	2.3	2.6	2.9
<b>Montana</b>													
Civilian labor force .....	472.8	473.3	473.2	473.2	474.9	473.8	473.7	475.7	476.5	477.4	478.4	477.9	480.4
Employed .....	447.2	448.2	448.2	448.6	450.5	449.4	449.4	451.8	453.2	454.4	455.0	454.9	457.5
Unemployed .....	25.5	25.1	25.0	24.6	24.5	24.5	24.3	23.8	23.3	23.0	23.4	23.0	22.8
Unemployment rate .....	5.4	5.3	5.3	5.2	5.1	5.2	5.1	5.0	4.9	4.8	4.9	4.8	4.8
<b>Nebraska</b>													
Civilian labor force .....	900.4	900.1	900.1	903.0	906.8	910.6	915.9	922.0	929.2	937.4	937.5	942.5	940.5
Employed .....	873.5	873.4	873.1	876.8	880.8	884.6	890.3	896.6	904.2	913.1	915.3	917.5	918.2
Unemployed .....	26.9	26.7	27.0	26.2	26.0	25.9	25.6	25.4	25.0	24.3	22.2	25.0	22.3
Unemployment rate .....	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.8	2.7	2.6	2.4	2.7	2.4
<b>Nevada</b>													
Civilian labor force .....	927.8	931.9	935.2	938.8	941.9	945.7	949.5	954.9	958.6	963.8	961.6	964.9	965.6
Employed .....	888.2	890.0	892.2	894.6	897.8	901.6	905.8	912.2	917.2	924.3	922.6	929.3	929.3
Unemployed .....	39.6	41.8	43.1	44.2	44.2	44.1	43.7	42.7	41.4	39.5	38.9	35.5	36.3
Unemployment rate .....	4.3	4.5	4.6	4.7	4.7	4.7	4.6	4.5	4.3	4.1	4.1	3.7	3.8
<b>New Hampshire</b>													
Civilian labor force .....	659.6	662.2	662.7	665.1	666.2	666.8	668.5	672.1	674.8	677.3	681.7	683.4	678.6
Employed .....	640.1	643.8	644.2	646.7	648.6	649.5	651.7	655.0	658.0	661.1	664.1	665.9	664.3
Unemployed .....	19.5	18.4	18.4	18.4	17.6	17.3	16.9	17.1	16.8	16.2	17.7	17.5	14.3
Unemployment rate .....	3.0	2.8	2.8	2.8	2.6	2.6	2.5	2.5	2.5	2.4	2.6	2.6	2.1

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

**C-2. Labor force status by State, seasonally adjusted — Continued**

(Numbers in thousands)

State	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. <sup>P</sup>
<b>New Jersey</b>													
Civilian labor force .....	4,184.8	4,191.8	4,201.4	4,207.3	4,217.1	4,220.2	4,218.1	4,229.8	4,233.5	4,236.4	4,223.7	4,233.9	4,224.7
Employed .....	3,988.7	3,997.5	4,000.0	4,005.3	4,017.8	4,022.2	4,023.3	4,039.4	4,048.6	4,056.9	4,057.1	4,060.0	4,068.9
Unemployed .....	196.1	194.3	201.3	202.0	199.3	198.0	194.8	190.4	184.9	179.5	166.6	173.9	155.8
Unemployment rate .....	4.7	4.6	4.8	4.8	4.7	4.7	4.6	4.5	4.4	4.2	3.9	4.1	3.7
<b>New Mexico</b>													
Civilian labor force .....	803.0	801.9	801.0	801.8	802.4	807.2	812.2	816.8	824.2	831.9	833.2	835.2	836.6
Employed .....	757.8	757.1	756.1	757.5	758.6	762.6	766.8	770.8	777.2	783.6	788.7	789.4	791.6
Unemployed .....	45.2	44.8	44.9	44.3	43.8	44.6	45.4	46.0	47.0	48.3	44.4	45.8	45.0
Unemployment rate .....	5.6	5.6	5.6	5.5	5.5	5.5	5.6	5.6	5.7	5.8	5.3	5.5	5.4
<b>New York</b>													
Civilian labor force .....	8,846.0	8,865.4	8,856.8	8,865.7	8,881.5	8,885.3	8,891.8	8,906.9	8,918.7	8,929.7	8,971.9	8,962.5	8,980.1
Employed .....	8,385.0	8,406.8	8,392.0	8,398.6	8,422.3	8,424.9	8,429.5	8,455.3	8,477.3	8,497.5	8,534.0	8,542.0	8,571.2
Unemployed .....	461.0	458.6	464.8	467.1	459.2	460.4	462.3	451.7	441.4	432.2	437.9	420.6	408.9
Unemployment rate .....	5.2	5.2	5.2	5.3	5.2	5.2	5.2	5.1	4.9	4.8	4.9	4.7	4.6
<b>North Carolina</b>													
Civilian labor force .....	3,854.4	3,858.2	3,864.3	3,863.8	3,882.9	3,888.6	3,891.0	3,901.4	3,904.9	3,905.1	3,914.0	3,930.1	3,953.5
Employed .....	3,733.2	3,741.5	3,743.6	3,744.7	3,761.5	3,764.5	3,766.0	3,774.9	3,779.1	3,781.2	3,788.3	3,797.8	3,820.8
Unemployed .....	121.2	116.7	120.7	119.1	121.4	124.1	125.1	126.6	125.8	124.0	125.7	132.3	132.7
Unemployment rate .....	3.1	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.2	3.2	3.2	3.4	3.4
<b>North Dakota</b>													
Civilian labor force .....	336.6	335.6	335.2	334.4	335.2	335.1	336.3	337.2	338.3	339.3	340.9	341.5	341.2
Employed .....	324.2	324.0	323.4	323.3	323.3	324.1	325.4	326.3	328.1	329.6	330.0	330.9	331.5
Unemployed .....	12.4	11.7	11.8	11.1	11.9	11.0	10.9	10.9	10.2	9.7	10.9	10.5	9.7
Unemployment rate .....	3.7	3.5	3.5	3.3	3.6	3.3	3.2	3.2	3.0	2.9	3.2	3.1	2.9
<b>Ohio</b>													
Civilian labor force .....	5,689.6	5,714.0	5,711.3	5,734.7	5,753.4	5,761.9	5,786.0	5,803.0	5,825.1	5,855.1	5,869.1	5,886.4	5,861.9
Employed .....	5,448.2	5,468.2	5,464.5	5,476.6	5,498.3	5,509.7	5,536.5	5,559.1	5,587.4	5,617.5	5,634.9	5,631.3	5,635.6
Unemployed .....	241.4	245.8	246.9	258.1	255.1	252.2	249.6	243.9	237.6	237.6	234.2	255.1	226.3
Unemployment rate .....	4.2	4.3	4.3	4.5	4.4	4.4	4.3	4.2	4.1	4.1	4.0	4.3	3.9
<b>Oklahoma</b>													
Civilian labor force .....	1,640.4	1,642.2	1,644.5	1,647.8	1,649.0	1,651.2	1,652.6	1,655.2	1,656.6	1,658.4	1,653.7	1,653.2	1,649.4
Employed .....	1,578.8	1,582.7	1,587.5	1,592.5	1,595.8	1,597.8	1,599.7	1,602.5	1,603.5	1,604.3	1,608.0	1,605.3	1,598.7
Unemployed .....	61.6	59.5	57.0	55.3	53.2	53.4	52.9	52.7	53.1	54.1	45.7	47.9	50.7
Unemployment rate .....	3.8	3.6	3.5	3.4	3.2	3.2	3.2	3.2	3.2	3.3	2.8	2.9	3.1
<b>Oregon</b>													
Civilian labor force .....	1,755.3	1,745.7	1,747.2	1,750.8	1,757.1	1,753.5	1,746.6	1,767.1	1,788.3	1,800.7	1,802.2	1,813.8	1,817.7
Employed .....	1,650.0	1,645.0	1,645.2	1,647.2	1,655.6	1,651.8	1,647.4	1,670.8	1,695.6	1,710.6	1,717.5	1,725.2	1,732.6
Unemployed .....	105.4	100.7	102.1	103.6	101.5	101.7	99.3	96.2	92.7	90.2	84.8	88.6	85.2
Unemployment rate .....	6.0	5.8	5.8	5.9	5.8	5.8	5.7	5.4	5.2	5.0	4.7	4.9	4.7
<b>Pennsylvania</b>													
Civilian labor force .....	5,965.7	5,966.9	5,970.1	5,976.6	5,976.2	5,979.8	5,973.0	5,973.8	5,971.3	5,969.1	5,994.2	5,987.9	5,960.0
Employed .....	5,698.2	5,704.1	5,707.6	5,710.9	5,712.4	5,712.0	5,711.8	5,716.3	5,717.9	5,719.6	5,755.0	5,737.3	5,726.9
Unemployed .....	267.5	262.8	262.5	265.7	263.8	267.7	261.2	257.5	253.4	249.5	239.2	250.6	233.1
Unemployment rate .....	4.5	4.4	4.4	4.4	4.4	4.5	4.4	4.3	4.2	4.2	4.0	4.2	3.9
<b>Rhode Island</b>													
Civilian labor force .....	500.6	503.2	503.2	504.0	505.7	506.4	505.1	505.8	507.1	507.1	504.9	502.0	505.1
Employed .....	480.3	483.1	481.8	482.4	484.2	485.1	484.5	485.6	487.3	487.8	485.6	483.0	486.3
Unemployed .....	20.2	20.1	21.4	21.5	21.4	21.3	20.6	20.2	19.8	19.3	19.2	18.9	18.8
Unemployment rate .....	4.0	4.0	4.2	4.3	4.2	4.2	4.1	4.0	3.9	3.8	3.8	3.8	3.7
<b>South Carolina</b>													
Civilian labor force .....	1,948.6	1,953.2	1,954.5	1,951.6	1,954.5	1,960.0	1,965.5	1,974.1	1,980.8	1,989.8	1,986.0	1,984.0	1,984.2
Employed .....	1,862.9	1,864.9	1,865.2	1,864.7	1,868.9	1,872.5	1,875.5	1,883.1	1,890.8	1,902.5	1,900.3	1,902.8	1,910.6
Unemployed .....	85.7	88.3	89.3	86.9	85.6	87.5	90.1	91.0	90.0	87.4	85.7	81.3	73.6
Unemployment rate .....	4.4	4.5	4.6	4.5	4.4	4.5	4.6	4.6	4.5	4.4	4.3	4.1	3.7

See footnotes at end of table.



**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

**C-2. Labor force status by State, seasonally adjusted — Continued**

(Numbers in thousands)

State	1999										2000		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar. P
<b>South Dakota</b>													
Civilian labor force .....	398.7	398.9	399.2	399.1	399.4	399.7	399.8	401.2	401.4	402.0	402.2	403.3	403.9
Employed .....	386.3	386.8	387.1	387.2	387.6	388.0	388.6	390.1	390.9	392.0	392.6	393.8	395.3
Unemployed .....	12.4	12.1	12.1	11.8	11.8	11.7	11.2	11.1	10.5	10.0	9.6	9.5	8.6
Unemployment rate .....	3.1	3.0	3.0	3.0	2.9	2.9	2.8	2.8	2.6	2.5	2.4	2.4	2.1
<b>Tennessee</b>													
Civilian labor force .....	2,815.4	2,814.8	2,816.4	2,821.2	2,828.7	2,824.2	2,821.8	2,826.2	2,822.6	2,818.2	2,829.4	2,829.0	2,839.5
Employed .....	2,696.5	2,699.3	2,701.3	2,705.8	2,713.6	2,711.0	2,711.4	2,716.7	2,715.8	2,715.3	2,730.8	2,731.3	2,740.1
Unemployed .....	118.9	115.5	115.1	115.4	115.1	113.2	110.4	109.5	106.8	102.9	98.5	97.7	99.4
Unemployment rate .....	4.2	4.1	4.1	4.1	4.1	4.0	3.9	3.9	3.8	3.7	3.5	3.5	3.5
<b>Texas</b>													
Civilian labor force .....	10,162.7	10,157.0	10,161.0	10,188.3	10,183.1	10,201.0	10,233.1	10,262.7	10,294.6	10,331.2	10,372.5	10,401.3	10,396.2
Employed .....	9,694.4	9,685.0	9,684.6	9,704.4	9,716.7	9,736.5	9,764.1	9,791.6	9,822.8	9,857.2	9,922.9	9,936.5	9,920.0
Unemployed .....	468.3	472.0	476.4	483.9	466.3	464.5	469.0	471.1	471.8	474.0	449.5	464.8	476.2
Unemployment rate .....	4.6	4.6	4.7	4.7	4.6	4.6	4.6	4.6	4.6	4.6	4.3	4.5	4.6
<b>Utah</b>													
Civilian labor force .....	1,075.8	1,078.2	1,079.5	1,081.8	1,084.5	1,085.7	1,088.7	1,091.8	1,094.4	1,098.2	1,102.5	1,106.6	1,106.6
Employed .....	1,031.8	1,035.0	1,036.0	1,039.3	1,042.9	1,045.9	1,050.4	1,055.4	1,060.5	1,065.7	1,071.6	1,072.9	1,075.2
Unemployed .....	44.0	43.2	43.5	42.5	41.7	39.8	38.3	36.3	33.9	32.6	30.9	33.6	31.4
Unemployment rate .....	4.1	4.0	4.0	3.9	3.8	3.7	3.5	3.3	3.1	3.0	2.8	3.0	2.8
<b>Vermont</b>													
Civilian labor force .....	334.3	333.8	334.5	335.2	336.7	336.7	336.4	337.3	338.3	339.3	341.3	339.9	339.6
Employed .....	323.6	324.4	324.5	324.9	326.0	326.5	326.2	327.4	329.0	330.1	332.0	330.3	331.5
Unemployed .....	10.7	9.4	9.9	10.3	10.7	10.1	10.2	9.9	9.4	9.3	9.3	9.5	8.1
Unemployment rate .....	3.2	2.8	3.0	3.1	3.2	3.0	3.0	2.9	2.8	2.7	2.7	2.8	2.4
<b>Virginia</b>													
Civilian labor force .....	3,478.3	3,481.9	3,489.1	3,499.1	3,507.3	3,523.9	3,545.6	3,568.4	3,593.7	3,620.6	3,628.5	3,642.4	3,648.7
Employed .....	3,382.7	3,388.0	3,390.7	3,399.5	3,409.2	3,424.1	3,444.5	3,467.5	3,492.7	3,520.4	3,535.4	3,544.4	3,550.1
Unemployed .....	95.6	94.0	98.4	99.7	98.1	99.8	101.1	100.8	101.0	100.2	93.0	98.0	98.6
Unemployment rate .....	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.8	2.8	2.8	2.6	2.7	2.7
<b>Washington</b>													
Civilian labor force .....	3,073.5	3,074.4	3,079.9	3,082.7	3,083.2	3,081.5	3,076.6	3,075.1	3,071.9	3,070.0	3,075.6	3,081.1	3,088.4
Employed .....	2,924.9	2,925.5	2,926.5	2,928.7	2,936.0	2,936.2	2,933.9	2,937.6	2,940.1	2,938.5	2,936.2	2,935.4	2,950.8
Unemployed .....	148.6	148.9	153.4	154.0	147.3	145.4	142.7	137.5	131.8	131.4	139.4	145.8	137.6
Unemployment rate .....	4.8	4.8	5.0	5.0	4.8	4.7	4.6	4.5	4.3	4.3	4.5	4.7	4.5
<b>West Virginia</b>													
Civilian labor force .....	818.8	821.8	820.8	821.1	819.7	819.7	818.0	816.6	813.2	809.8	808.3	811.2	809.8
Employed .....	762.4	765.4	764.7	766.1	765.9	765.4	763.9	763.5	761.9	760.2	763.2	765.3	768.5
Unemployed .....	56.4	56.3	56.1	55.0	53.9	54.3	54.1	53.1	51.3	49.6	45.1	45.9	41.3
Unemployment rate .....	6.9	6.9	6.8	6.7	6.6	6.6	6.6	6.5	6.3	6.1	5.6	5.7	5.1
<b>Wisconsin</b>													
Civilian labor force .....	2,862.0	2,857.5	2,855.6	2,858.4	2,869.0	2,879.9	2,894.8	2,923.7	2,953.9	2,987.2	3,000.0	3,002.5	3,006.7
Employed .....	2,772.0	2,770.7	2,766.5	2,773.8	2,784.4	2,795.5	2,811.5	2,837.5	2,866.0	2,898.5	2,917.2	2,917.4	2,915.0
Unemployed .....	90.0	86.8	89.1	84.6	84.6	84.4	83.3	86.1	87.9	88.6	82.8	85.0	91.7
Unemployment rate .....	3.1	3.0	3.1	3.0	2.9	2.9	2.9	2.9	3.0	3.0	2.8	2.8	3.1
<b>Wyoming</b>													
Civilian labor force .....	261.6	261.5	262.0	262.4	263.0	261.8	262.4	262.7	262.8	262.6	262.2	262.0	261.1
Employed .....	248.5	248.7	248.6	249.2	250.2	249.1	249.9	250.3	251.0	251.0	251.4	251.1	250.7
Unemployed .....	13.1	12.8	13.5	13.2	12.8	12.7	12.5	12.4	11.8	11.6	10.7	10.9	10.3
Unemployment rate .....	5.0	4.9	5.1	5.0	4.9	4.8	4.8	4.7	4.5	4.4	4.1	4.2	4.0
<b>Puerto Rico</b>													
Civilian labor force .....	1,318.3	1,311.2	1,308.7	1,300.7	1,281.3	1,292.8	1,289.3	1,292.7	1,286.0	1,296.2	1,305.9	1,307.3	1,321.0
Employed .....	1,150.4	1,164.0	1,160.0	1,156.0	1,146.7	1,139.9	1,139.3	1,138.1	1,132.1	1,146.9	1,159.2	1,172.5	1,183.5
Unemployed .....	167.9	147.2	148.8	144.7	134.6	152.9	150.0	154.6	153.8	149.3	146.7	134.8	137.5
Unemployment rate .....	12.7	11.2	11.4	11.1	10.5	11.8	11.6	12.0	12.0	11.5	11.2	10.3	10.4

P = preliminary.

NOTE: Data refer to place of residence. Data for Puerto Rico are derived from a monthly household survey similar to the Current Population Survey. All estimates are

provisional and will be revised when new benchmark and population information becomes available.

**STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED**

**C-3. Labor force status by State and metropolitan area**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	February		March		February		March		February		March	
	1999	2000	1999	2000P	1999	2000	1999	2000P	1999	2000	1999	2000P
<b>Alabama</b> .....	2,117.6	2,185.4	2,118.7	2,172.7	100.9	104.3	89.7	79.9	4.8	4.8	4.2	3.7
Anniston .....	54.5	55.5	54.4	54.8	2.8	3.5	2.5	2.2	5.2	6.3	4.5	4.0
Auburn-Opelika .....	48.5	50.1	48.7	50.1	1.5	1.6	1.4	1.3	3.0	3.1	2.8	2.6
Birmingham .....	463.8	482.1	464.3	481.7	14.2	14.9	12.9	11.7	3.1	3.1	2.8	2.4
Decatur .....	72.3	75.3	72.0	74.5	3.4	3.8	2.9	2.8	4.6	5.1	4.1	3.8
Dothan .....	64.9	68.9	65.1	68.2	2.8	3.3	2.4	2.5	4.3	4.8	3.7	3.6
Florence .....	66.2	67.7	65.7	66.9	4.4	4.3	3.6	3.1	6.6	6.4	5.5	4.7
Gadsden .....	49.4	49.3	49.6	49.4	3.8	2.5	3.6	1.9	7.6	5.1	7.2	3.8
Huntsville .....	169.6	175.3	169.4	175.3	6.2	5.2	5.3	4.0	3.7	3.0	3.1	2.3
Mobile .....	265.1	273.2	267.1	272.3	11.6	14.2	10.7	11.0	4.4	5.2	4.0	4.0
Montgomery .....	160.8	168.7	161.5	168.7	5.5	6.0	5.0	4.9	3.4	3.6	3.1	2.9
Tuscaloosa .....	83.4	86.0	83.8	86.3	2.4	2.3	2.2	1.9	2.9	2.7	2.6	2.2
<b>Alaska</b> .....	311.5	314.0	309.0	314.2	26.8	23.5	23.3	21.8	8.6	7.5	7.5	6.9
Anchorage .....	140.6	143.3	139.5	142.7	8.0	7.2	7.1	6.8	5.7	5.0	5.1	4.7
<b>Arizona</b> .....	2,306.2	2,374.7	2,316.5	2,379.1	93.6	84.7	92.6	81.1	4.1	3.6	4.0	3.4
Flagstaff .....	60.4	60.2	60.5	61.4	4.8	4.0	4.6	3.6	7.9	6.6	7.6	5.9
Phoenix-Mesa .....	1,543.0	1,588.7	1,549.3	1,591.0	46.0	42.5	46.5	41.0	3.0	2.7	3.0	2.6
Tucson .....	375.3	395.9	376.5	395.7	10.2	12.3	9.9	10.8	2.7	3.1	2.6	2.7
Yuma .....	58.8	56.6	59.1	56.6	11.2	8.8	10.5	9.2	19.0	15.5	17.7	16.2
<b>Arkansas</b> .....	1,188.3	1,240.4	1,200.6	1,255.7	63.1	64.5	57.6	62.1	5.3	5.2	4.8	4.9
Fayetteville-Springdale-Rogers .....	136.9	146.6	138.5	149.2	3.8	3.7	3.4	3.5	2.7	2.5	2.5	2.4
Fort Smith .....	93.6	98.5	94.6	99.3	4.2	4.0	3.8	3.9	4.4	4.1	4.0	3.9
Jonesboro .....	40.7	43.0	41.2	43.5	1.5	1.6	1.3	1.6	3.7	3.8	3.2	3.7
Little Rock-North Little Rock .....	289.8	302.9	293.4	305.7	9.9	11.3	9.3	11.2	3.4	3.7	3.2	3.7
Pine Bluff .....	35.6	36.6	35.7	36.9	3.0	2.8	2.8	2.9	8.4	7.8	7.8	7.8
<b>California</b> .....	16,394.0	16,731.4	16,458.0	16,759.3	989.1	855.2	930.5	845.5	6.0	5.1	5.7	5.0
Bakersfield .....	276.5	276.1	276.0	279.0	38.9	32.4	39.5	37.1	14.1	11.7	14.3	13.3
Chico-Paradise .....	85.7	85.4	85.9	86.4	7.5	6.5	7.0	6.6	8.8	7.6	8.2	7.7
Fresno .....	423.6	427.1	418.9	427.1	69.8	62.6	69.0	69.8	16.5	14.6	16.5	16.4
Los Angeles-Long Beach .....	4,603.0	4,702.9	4,623.6	4,672.1	288.8	270.3	273.3	244.4	6.3	5.7	5.9	5.2
Merced .....	83.3	85.0	83.8	86.9	15.5	14.0	14.3	14.6	18.6	16.5	17.1	16.8
Modesto .....	199.7	200.9	200.5	203.6	26.6	22.3	25.4	23.5	13.3	11.1	12.7	11.5
Oakland .....	1,198.3	1,215.3	1,203.8	1,219.3	44.5	34.0	41.4	33.7	3.7	2.8	3.4	2.8
Orange County .....	1,460.5	1,495.9	1,466.6	1,500.9	40.5	35.1	38.2	35.0	2.8	2.3	2.6	2.3
Redding .....	71.9	75.2	71.5	75.2	7.1	6.0	6.7	5.9	9.9	8.0	9.4	7.9
Riverside-San Bernardino .....	1,422.1	1,481.0	1,430.9	1,492.9	77.4	67.1	71.1	67.6	5.4	4.5	5.0	4.5
Sacramento .....	780.6	801.9	782.4	806.0	35.9	32.2	33.2	32.1	4.6	4.0	4.2	4.0
Salinas .....	186.2	192.3	185.5	193.0	30.7	27.6	26.3	25.5	16.5	14.4	14.2	13.2
San Diego .....	1,345.2	1,374.8	1,353.1	1,380.4	45.2	37.4	42.2	37.6	3.4	2.7	3.1	2.7
San Francisco .....	949.0	964.8	954.0	960.2	25.4	18.6	23.8	18.4	2.7	1.9	2.5	1.9
San Jose .....	962.2	964.3	965.0	968.3	34.3	21.6	32.2	20.5	3.6	2.2	3.3	2.1
San Luis Obispo-Atascadero-Paso Robles .....	109.6	110.7	110.9	111.0	4.1	3.4	3.8	3.5	3.8	3.1	3.5	3.1
Santa Barbara-Santa Maria-Lompoc .....	196.0	200.9	196.7	201.3	10.0	8.4	9.2	8.5	5.1	4.2	4.7	4.2
Santa Cruz-Watsonville .....	140.1	138.9	141.4	140.1	13.8	11.0	12.7	10.8	9.8	7.9	9.0	7.7
Santa Rosa .....	247.7	254.2	249.3	253.5	8.0	6.9	7.5	6.7	3.2	2.7	3.0	2.7
Stockton-Lodi .....	247.0	249.4	249.5	253.0	28.5	24.2	25.7	24.3	11.5	9.7	10.3	9.6
Vallejo-Fairfield-Napa .....	247.0	255.6	249.2	258.5	12.9	10.4	12.0	10.8	5.2	4.1	4.8	4.2
Ventura .....	390.3	402.7	392.4	404.3	19.7	15.8	17.2	15.2	5.0	3.9	4.4	3.8
Visalia-Tulare-Porterville .....	162.3	162.9	162.1	166.4	32.3	26.8	33.2	31.2	19.9	16.5	20.5	18.8
Yolo .....	88.2	92.2	88.7	92.7	5.8	5.0	5.1	4.8	6.5	5.4	5.8	5.1
Yuba City .....	55.6	56.7	55.5	57.7	9.7	8.5	9.2	9.0	17.4	14.9	16.6	15.6
<b>Colorado</b> .....	2,202.5	2,271.7	2,213.0	2,286.5	65.4	62.6	65.9	62.3	3.0	2.8	3.0	2.7
Boulder-Longmont .....	171.7	175.2	171.9	175.8	4.3	4.2	4.4	4.3	2.5	2.4	2.6	2.4
Colorado Springs .....	250.3	255.8	251.2	258.1	8.1	8.0	8.3	8.4	3.3	3.1	3.3	3.2
Denver .....	1,109.4	1,142.0	1,113.2	1,143.7	26.7	26.1	26.8	26.0	2.4	2.3	2.4	2.3
Fort Collins-Loveland .....	134.8	140.5	135.1	142.0	4.5	4.3	4.4	4.2	3.3	3.0	3.3	3.0
Grand Junction .....	56.9	59.7	57.3	59.7	2.5	2.4	2.4	2.2	4.4	4.1	4.2	3.7
Greeley .....	83.8	85.6	84.3	87.2	3.0	2.9	3.0	2.9	3.6	3.4	3.6	3.3
Pueblo .....	58.8	58.4	59.8	59.0	3.0	2.6	3.0	2.4	5.1	4.4	5.1	4.2
<b>Connecticut</b> .....	1,666.6	1,683.8	1,681.0	1,698.1	65.5	51.2	59.0	42.2	3.9	3.0	3.5	2.5
Bridgeport .....	211.0	212.3	212.3	213.2	10.2	7.7	9.3	6.6	4.8	3.6	4.4	3.1
Danbury .....	106.2	107.9	107.6	108.8	3.3	2.3	2.9	1.9	3.1	2.1	2.7	1.7
Hartford .....	570.8	574.3	576.0	578.1	23.3	18.6	20.9	15.1	4.1	3.2	3.6	2.6
New Haven-Meriden .....	266.6	267.7	268.5	271.2	9.7	7.9	8.7	6.7	3.6	2.9	3.2	2.5
New London-Norwich .....	148.2	150.1	149.2	152.4	6.0	4.8	5.2	3.8	4.1	3.2	3.5	2.5
Stamford-Norwalk .....	187.5	191.3	189.0	193.4	5.1	3.7	4.6	3.1	2.7	1.9	2.4	1.6
Waterbury .....	111.6	113.6	112.8	113.8	5.5	4.4	5.0	3.6	5.0	3.9	4.4	3.2
<b>Delaware</b> .....	386.8	397.4	387.3	400.5	16.1	16.1	14.7	13.4	4.2	4.1	3.8	3.3
Dover .....	68.5	70.3	68.6	70.9	3.0	3.1	2.9	2.4	4.4	4.3	4.2	3.5
Wilmington-Newark .....	292.0	298.9	292.3	300.3	11.3	11.3	10.0	9.2	3.9	3.8	3.4	3.1

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED**

**C-3. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	February		March		February		March		February		March	
	1999	2000	1999	2000P	1999	2000	1999	2000P	1999	2000	1999	2000P
<b>District of Columbia</b> .....	276.2	278.7	278.0	278.9	20.3	16.5	18.3	15.7	7.3	5.9	6.6	5.6
Washington .....	2,547.9	2,659.9	2,558.3	2,665.9	74.0	64.4	65.9	58.5	2.9	2.4	2.6	2.2
<b>Florida</b> .....	7,194.9	7,458.8	7,240.9	7,513.2	272.2	266.2	266.5	262.8	3.8	3.6	3.7	3.5
Daytona Beach .....	189.5	193.5	190.1	194.6	6.2	5.5	6.2	5.3	3.3	2.8	3.3	2.7
Fort Lauderdale .....	755.9	776.9	760.2	780.2	30.9	29.7	30.8	29.8	4.1	3.8	4.1	3.8
Fort Myers-Cape Coral .....	177.2	183.0	178.5	184.3	4.3	4.6	4.3	4.6	2.4	2.5	2.4	2.5
Fort Pierce-Port St. Lucie .....	121.7	127.5	122.3	128.1	7.2	7.1	6.7	6.6	5.9	5.5	5.5	5.2
Fort Walton Beach .....	75.7	80.1	78.1	82.4	2.6	3.4	2.5	3.1	3.5	4.2	3.2	3.8
Gainesville .....	103.2	106.1	103.9	107.0	2.2	2.1	2.2	2.1	2.2	2.0	2.1	2.0
Jacksonville .....	524.9	543.5	529.4	547.7	15.1	17.2	15.6	17.3	2.9	3.2	3.0	3.2
Lakeland-Winter Haven .....	196.8	202.1	197.0	203.2	7.8	7.8	7.6	7.8	4.0	3.9	3.9	3.8
Melbourne-Titusville-Palm Bay .....	202.1	209.6	202.7	210.6	8.4	7.5	8.0	7.3	4.2	3.6	3.9	3.4
Miami .....	1,023.6	1,044.1	1,029.2	1,051.6	60.4	55.1	60.0	56.2	5.9	5.3	5.8	5.3
Naples .....	92.4	97.5	92.6	98.5	2.5	2.5	2.3	2.4	2.7	2.6	2.5	2.4
Ocala .....	96.0	99.7	96.1	100.4	3.6	3.7	3.4	3.5	3.8	3.8	3.5	3.5
Orlando .....	850.4	899.3	857.4	905.4	22.8	22.7	22.4	22.7	2.7	2.5	2.6	2.5
Panama City .....	63.8	65.0	64.9	66.9	4.5	4.9	3.8	4.0	7.0	7.6	5.8	6.0
Pensacola .....	167.9	175.4	169.7	177.5	6.0	7.1	5.8	7.1	3.5	4.1	3.4	4.0
Punta Gorda .....	46.4	47.7	46.7	48.2	1.6	1.4	1.5	1.2	3.4	3.0	3.2	2.5
Sarasota-Bradenton .....	265.4	281.1	267.9	284.1	5.6	5.8	5.2	5.2	2.1	2.1	1.9	1.8
Tallahassee .....	145.7	150.4	146.6	151.6	3.8	3.8	3.7	3.9	2.6	2.5	2.5	2.6
Tampa-St. Petersburg-Clearwater .....	1,172.5	1,229.0	1,179.5	1,235.5	32.0	34.1	31.3	33.4	2.7	2.8	2.7	2.7
West Palm Beach-Boca Raton .....	498.7	516.2	500.3	519.9	23.6	21.2	22.7	21.6	4.7	4.1	4.5	4.2
<b>Georgia</b> .....	4,041.5	4,122.0	4,049.8	4,132.8	171.7	142.9	170.8	141.3	4.2	3.5	4.2	3.4
Albany .....	58.9	55.8	58.6	55.5	5.4	3.3	5.1	2.8	9.1	5.8	8.7	5.1
Athens .....	74.3	73.5	75.2	74.5	2.0	1.6	2.3	1.5	2.7	2.2	3.0	2.0
Atlanta .....	2,161.5	2,241.7	2,168.4	2,250.3	70.3	63.5	71.6	60.8	3.3	2.8	3.3	2.7
Augusta-Aiken .....	205.5	207.9	205.3	207.7	10.7	9.8	10.3	8.6	5.2	4.7	5.0	4.1
Columbus .....	127.4	128.4	128.1	128.0	6.9	6.2	6.4	5.4	5.4	4.8	5.0	4.2
Macon .....	153.5	152.9	153.4	157.3	7.4	5.8	7.6	9.8	4.8	3.8	4.9	6.3
Savannah .....	135.9	134.4	135.9	134.4	5.9	4.6	5.6	4.3	4.3	3.4	4.1	3.2
<b>Hawaii</b> .....	589.9	599.3	590.0	601.4	35.0	27.6	33.5	26.5	5.9	4.6	5.7	4.4
Honolulu .....	423.1	426.7	423.0	427.9	22.1	17.5	21.0	16.6	5.2	4.1	5.0	3.9
<b>Idaho</b> .....	645.5	655.4	645.8	660.3	44.8	37.8	43.0	33.9	6.9	5.8	6.7	5.1
Boise City .....	226.0	233.5	225.8	235.4	10.2	8.6	9.4	7.6	4.5	3.7	4.2	3.2
Pocatello .....	40.6	40.9	40.4	41.1	2.6	2.4	2.3	2.0	6.4	5.8	5.7	5.0
<b>Illinois</b> .....	6,262.2	6,363.7	6,297.7	6,370.0	285.7	299.6	266.8	286.3	4.6	4.7	4.2	4.5
Bloomington-Normal .....	90.1	94.0	90.2	93.5	2.1	2.8	1.9	2.5	2.4	3.0	2.2	2.6
Champaign-Urbana .....	96.9	98.9	97.6	100.1	2.8	2.7	2.5	2.5	2.8	2.7	2.6	2.5
Chicago .....	4,178.6	4,243.1	4,199.4	4,251.5	177.7	187.0	169.4	183.7	4.3	4.4	4.0	4.3
Davenport-Moline-Rock Island .....	186.7	189.3	186.6	189.8	9.7	9.7	8.4	7.8	5.2	5.1	4.5	4.1
Decatur .....	59.2	60.0	59.8	60.5	2.7	3.1	2.5	3.0	4.6	5.2	4.2	5.0
Kankakee .....	51.7	51.9	51.8	51.8	3.4	3.1	3.1	2.7	6.5	6.0	5.9	5.3
Peoria-Pekin .....	182.8	186.9	184.2	185.3	7.6	8.3	7.0	7.4	4.2	4.4	3.8	4.0
Rockford .....	196.9	200.1	197.8	200.3	9.8	10.3	8.9	9.7	5.0	5.2	4.5	4.9
Springfield .....	106.3	107.6	106.9	107.5	4.2	4.4	3.9	3.9	3.9	4.1	3.6	3.7
<b>Indiana</b> .....	3,028.8	3,079.2	3,041.2	3,085.2	105.6	111.2	99.9	109.3	3.5	3.6	3.3	3.5
Bloomington .....	61.2	62.2	60.8	61.7	1.7	1.6	1.6	1.4	2.8	2.6	2.6	2.3
Elkhart-Goshen .....	93.5	97.0	94.5	97.8	2.1	2.2	1.9	2.4	2.3	2.3	2.1	2.4
Evansville-Henderson .....	154.4	157.6	154.8	157.9	5.8	5.7	5.2	5.6	3.7	3.6	3.4	3.5
Fort Wayne .....	260.6	259.7	260.9	261.3	8.9	8.4	8.2	8.5	3.4	3.2	3.1	3.3
Gary .....	294.2	296.7	295.6	296.8	13.1	14.3	13.2	14.1	4.5	4.8	4.5	4.7
Indianapolis .....	818.4	838.4	823.2	839.9	22.2	23.4	21.1	23.8	2.7	2.8	2.6	2.8
Kokomo .....	49.3	51.2	49.6	51.0	1.6	1.5	1.5	1.5	3.3	3.0	3.0	2.9
Lafayette .....	90.1	92.3	90.2	91.9	2.3	2.6	2.2	2.5	2.6	2.8	2.5	2.7
Muncie .....	61.7	60.9	61.6	60.6	2.7	2.5	2.5	2.3	4.3	4.1	4.0	3.8
South Bend .....	134.3	133.1	134.5	133.8	4.4	5.0	4.1	5.0	3.3	3.8	3.0	3.8
Terre Haute .....	69.3	69.6	68.9	69.8	3.7	3.7	3.4	3.6	5.3	5.3	4.9	5.1
<b>Iowa</b> .....	1,554.7	1,572.7	1,559.1	1,575.2	52.4	43.5	51.8	40.8	3.4	2.8	3.3	2.6
Cedar Rapids .....	112.1	113.8	111.8	113.6	2.6	2.3	2.6	2.1	2.3	2.0	2.3	1.8
Des Moines .....	253.9	254.7	253.4	255.8	5.8	5.3	5.9	4.9	2.3	2.1	2.3	1.9
Dubuque .....	48.4	48.4	48.3	48.2	2.0	1.4	1.8	1.3	4.0	2.8	3.7	2.7
Iowa City .....	66.4	68.1	67.1	69.2	1.5	1.3	1.6	1.2	2.3	1.9	2.3	1.8
Sioux City .....	63.5	64.3	63.3	64.6	2.1	1.7	2.1	1.7	3.4	2.6	3.3	2.6
Waterloo-Cedar Falls .....	67.1	67.8	66.9	67.8	2.8	2.2	2.9	2.2	4.2	3.2	4.3	3.2

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA**  
**NOT SEASONALLY ADJUSTED**

**C-3. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	February		March		February		March		February		March	
	1999	2000	1999	2000P	1999	2000	1999	2000P	1999	2000	1999	2000P
<b>Kansas</b> .....	1,412.9	1,438.1	1,420.1	1,443.5	46.7	51.3	43.6	48.2	3.3	3.6	3.1	3.3
Lawrence .....	55.0	56.3	56.0	57.1	1.9	2.2	1.8	2.0	3.5	3.9	3.1	3.5
Topeka .....	89.7	89.4	89.9	90.0	3.2	3.4	2.8	3.0	3.5	3.8	3.1	3.4
Wichita .....	286.9	291.5	288.2	292.6	9.0	11.7	8.4	11.1	3.1	4.0	2.9	3.8
<b>Kentucky</b> .....	1,924.5	1,957.0	1,936.0	1,963.7	101.4	92.1	94.2	78.4	5.3	4.7	4.9	4.0
Lexington .....	255.6	261.1	257.9	263.1	6.1	5.8	6.0	5.1	2.4	2.2	2.3	1.9
Louisville .....	545.4	560.9	548.5	564.2	18.5	19.7	17.4	17.5	3.4	3.5	3.2	3.1
Owensboro .....	48.9	50.6	49.2	50.7	2.5	2.6	2.5	2.3	5.1	5.1	5.1	4.5
<b>Louisiana</b> .....	2,027.1	2,010.2	2,038.3	2,039.4	114.5	94.2	105.8	98.7	5.6	4.7	5.2	4.8
Alexandria .....	60.3	61.1	60.5	62.1	3.0	2.7	2.7	2.9	5.0	4.4	4.4	4.6
Baton Rouge .....	298.5	306.0	298.7	309.5	12.5	11.2	11.2	11.5	4.2	3.7	3.8	3.7
Houma .....	91.8	89.2	92.1	90.7	4.6	3.7	4.4	4.0	5.0	4.2	4.8	4.4
Lafayette .....	174.5	173.0	175.9	175.0	11.0	8.5	10.9	8.8	6.3	4.9	6.2	5.0
Lake Charles .....	91.4	91.0	91.6	92.2	4.6	3.9	4.3	4.2	5.0	4.3	4.6	4.6
Monroe .....	70.1	71.0	70.6	72.2	3.2	2.5	2.9	2.6	4.5	3.5	4.1	3.5
New Orleans .....	612.0	603.4	616.5	610.7	27.7	24.3	25.9	25.8	4.5	4.0	4.2	4.2
Shreveport-Bossier City .....	182.2	181.8	183.5	184.7	10.1	8.1	9.0	8.5	5.5	4.4	4.9	4.6
<b>Maine</b> .....	649.5	682.4	656.7	688.8	35.2	30.8	34.3	30.7	5.4	4.5	5.2	4.5
Bangor .....	50.8	53.4	50.2	54.7	1.9	1.7	1.8	1.7	3.7	3.1	3.6	3.0
Lewiston-Auburn .....	52.1	54.7	52.7	54.6	2.6	2.2	2.5	2.1	5.0	4.0	4.8	3.9
Portland .....	130.6	139.6	132.0	140.4	3.4	3.2	3.2	3.0	2.6	2.3	2.5	2.2
<b>Maryland</b> .....	2,709.2	2,789.0	2,714.7	2,794.3	117.9	97.6	103.0	83.7	4.4	3.5	3.8	3.0
Baltimore .....	1,274.8	1,306.7	1,277.2	1,311.1	59.9	49.4	52.6	44.0	4.7	3.8	4.1	3.4
Cumberland .....	44.3	45.1	44.5	44.9	4.2	3.7	3.9	2.8	9.5	8.2	8.8	6.2
Hagerstown .....	67.1	69.0	67.4	68.5	3.6	2.5	3.1	1.8	5.3	3.6	4.5	2.6
<b>Massachusetts</b> .....	3,230.8	3,270.0	3,246.3	3,256.4	112.1	113.0	117.0	92.6	3.5	3.5	3.6	2.8
Barnstable-Yarmouth .....	67.5	70.3	68.3	70.8	3.9	4.0	3.9	3.1	5.8	5.7	5.7	4.4
Boston .....	1,797.8	1,820.9	1,805.8	1,814.1	49.1	50.2	51.9	41.6	2.7	2.8	2.9	2.3
Brockton .....	131.3	133.5	131.7	133.6	4.8	5.0	4.9	4.1	3.7	3.7	3.7	3.1
Fitchburg-Leominster .....	67.3	66.9	67.7	66.4	2.9	2.9	3.1	2.4	4.4	4.3	4.5	3.7
Lawrence .....	199.2	204.7	200.8	204.4	9.2	8.6	9.4	7.3	4.6	4.2	4.7	3.6
Lowell .....	167.1	169.8	167.7	169.2	5.7	5.7	6.0	4.6	3.4	3.3	3.6	2.7
New Bedford .....	79.9	81.0	80.7	80.4	5.9	5.9	6.0	4.4	7.4	7.3	7.4	5.5
Pittsfield .....	38.8	39.0	38.9	38.8	2.0	1.8	2.1	1.6	5.0	4.7	5.4	4.1
Springfield .....	279.7	283.8	281.0	282.1	11.2	11.0	11.5	9.2	4.0	3.9	4.1	3.3
Worcester .....	251.0	251.5	251.6	250.4	8.5	8.6	8.9	7.1	3.4	3.4	3.5	2.8
<b>Michigan</b> .....	5,084.3	5,026.5	5,117.1	5,050.2	238.8	173.3	230.6	172.0	4.7	3.4	4.5	3.4
Ann Arbor .....	308.4	306.1	309.8	306.8	8.7	6.0	7.8	5.8	2.8	2.0	2.5	1.9
Benton Harbor .....	83.2	82.8	83.9	83.3	4.0	3.0	4.0	2.9	4.8	3.6	4.8	3.5
Detroit .....	2,276.0	2,251.8	2,292.1	2,261.1	95.5	65.7	89.1	65.6	4.2	2.9	3.9	2.9
Flint .....	200.0	189.0	201.4	188.8	11.5	9.1	11.1	9.1	5.7	4.8	5.5	4.8
Grand Rapids-Muskegon-Holland .....	604.1	602.8	607.7	605.4	22.7	17.4	21.9	16.9	3.8	2.9	3.6	2.8
Jackson .....	77.2	76.8	77.4	76.8	3.4	2.5	3.4	2.3	4.4	3.2	4.3	3.0
Kalamazoo-Battle Creek .....	236.7	232.9	238.7	234.3	9.7	7.8	9.6	7.4	4.1	3.3	4.0	3.1
Lansing-East Lansing .....	248.0	245.1	247.0	245.8	7.8	6.0	7.5	5.7	3.1	2.5	3.1	2.3
Saginaw-Bay City-Midland .....	200.6	197.9	202.5	198.2	10.8	7.9	11.0	7.9	5.4	4.0	5.4	4.0
<b>Minnesota</b> .....	2,635.8	2,707.6	2,646.4	2,723.1	88.3	83.1	85.8	83.9	3.3	3.1	3.2	3.1
Duluth-Superior .....	120.6	124.5	121.4	124.6	6.0	5.3	5.9	5.8	5.0	4.3	4.9	4.7
Minneapolis-St. Paul .....	1,653.3	1,707.6	1,663.7	1,714.9	38.9	37.1	38.4	37.4	2.4	2.2	2.3	2.2
Rochester .....	69.7	73.1	70.5	73.6	1.5	1.9	1.5	1.9	2.2	2.5	2.2	2.6
St. Cloud .....	95.5	98.7	95.4	99.3	3.8	3.4	3.8	3.4	4.0	3.4	3.9	3.4
<b>Mississippi</b> .....	1,246.2	1,307.4	1,255.9	1,312.7	60.2	71.8	66.8	74.6	4.8	5.5	5.3	5.7
Biloxi-Gulfport-Pascagoula .....	167.5	179.1	170.7	179.7	5.0	9.1	5.7	9.7	3.0	5.1	3.3	5.4
Hattiesburg .....	50.3	51.8	50.1	52.1	1.3	1.6	1.6	1.9	2.7	3.2	3.1	3.6
Jackson .....	219.7	231.0	220.3	232.4	6.5	7.8	7.2	8.5	3.0	3.4	3.2	3.7
<b>Missouri</b> .....	2,785.5	2,886.3	2,788.9	2,903.9	108.7	84.1	103.4	88.1	3.9	2.9	3.7	3.0
Columbia .....	81.1	82.1	81.3	82.5	1.1	0.8	1.0	0.8	1.3	1.0	1.2	1.0
Joplin .....	80.6	82.8	80.9	83.4	2.5	2.0	2.5	2.2	3.1	2.4	3.1	2.6
Kansas City .....	965.9	1,003.8	966.0	1,000.5	32.7	28.0	30.8	29.7	3.4	2.8	3.2	3.0
St. Joseph .....	48.8	51.7	49.4	51.8	2.0	1.6	2.2	1.7	4.2	3.0	4.5	3.3
St. Louis LMA .....	1,297.3	1,333.9	1,292.3	1,343.9	49.7	41.3	47.3	42.8	3.8	3.1	3.7	3.2
Springfield .....	162.2	171.1	162.1	173.1	4.3	3.4	4.1	3.6	2.7	2.0	2.6	2.1
<b>Montana</b> .....	468.3	474.1	470.0	477.6	31.7	28.5	29.8	27.1	6.8	6.0	6.3	5.7
Billings .....	71.7	73.6	72.5	74.2	3.2	3.3	3.1	3.2	4.4	4.5	4.3	4.3
Great Falls .....	37.6	37.4	37.7	37.5	2.6	2.3	2.4	2.2	7.0	6.1	6.3	5.8
Missoula .....	50.6	54.8	51.0	54.9	2.5	2.4	2.3	2.1	5.0	4.3	4.6	3.9

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED**

**C-3. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	February		March		February		March		February		March	
	1999	2000	1999	2000P	1999	2000	1999	2000P	1999	2000	1999	2000P
<b>Nebraska</b> .....	891.8	932.1	892.1	932.1	29.7	28.2	27.8	23.3	3.3	3.0	3.1	2.5
Lincoln .....	139.5	148.5	139.9	149.2	3.7	4.0	3.5	3.3	2.6	2.7	2.5	2.2
Omaha .....	378.8	396.6	378.6	396.4	11.0	10.7	10.7	9.2	2.9	2.7	2.8	2.3
<b>Nevada</b> .....	922.1	960.6	918.4	956.1	40.1	36.1	37.6	34.2	4.4	3.8	4.1	3.6
Las Vegas .....	709.3	746.0	707.5	741.9	27.6	27.6	27.2	26.9	3.9	3.7	3.8	3.6
Reno .....	171.7	176.5	171.0	175.1	8.5	5.7	7.1	5.0	4.9	3.2	4.2	2.9
<b>New Hampshire</b> .....	652.8	677.4	656.0	675.0	22.9	20.3	22.1	16.9	3.5	3.0	3.4	2.5
Manchester .....	103.8	108.9	104.8	108.5	3.3	3.0	3.2	2.4	3.2	2.7	3.0	2.2
Nashua .....	104.0	105.0	104.5	104.8	3.6	3.1	3.5	2.8	3.5	3.0	3.4	2.7
Portsmouth-Rochester .....	120.8	127.1	121.2	126.1	3.5	3.1	3.5	2.4	2.9	2.5	2.9	1.9
<b>New Jersey</b> .....	4,142.7	4,203.0	4,166.4	4,206.0	198.2	183.4	204.5	163.8	4.8	4.4	4.9	3.9
Atlantic-Cape May .....	166.2	165.1	167.3	165.0	16.9	15.2	17.0	13.0	10.2	9.2	10.2	7.9
Bergen-Passaic .....	674.0	679.9	678.6	682.5	31.1	28.4	32.7	26.1	4.6	4.2	4.8	3.8
Jersey City .....	281.2	280.4	283.6	279.1	20.2	17.1	21.3	16.2	7.2	6.1	7.5	5.8
Middlesex-Somerset-Hunterdon .....	633.9	648.7	636.3	650.0	20.4	19.3	21.0	17.5	3.2	3.0	3.3	2.7
Monmouth-Ocean .....	504.6	510.7	509.2	515.3	23.8	23.1	23.8	19.3	4.7	4.5	4.7	3.8
Newark .....	1,013.2	1,032.9	1,016.6	1,033.0	46.1	42.0	48.2	38.8	4.6	4.1	4.7	3.8
Trenton .....	166.0	167.5	166.8	167.1	7.1	5.9	7.3	5.2	4.3	3.5	4.4	3.1
Vineland-Millville-Bridgeton .....	64.3	63.6	64.6	63.7	6.0	5.6	6.1	5.1	9.4	8.8	9.5	7.9
<b>New Mexico</b> .....	799.9	829.5	801.9	835.5	44.5	44.1	45.2	45.1	5.6	5.3	5.6	5.4
Albuquerque .....	350.9	366.8	351.4	369.4	13.0	12.4	13.5	12.8	3.7	3.4	3.8	3.5
Las Cruces .....	66.7	70.2	67.8	71.3	5.3	5.6	5.4	5.8	8.0	7.9	8.0	8.1
Santa Fe .....	71.4	74.6	71.6	74.9	1.8	1.9	1.8	2.0	2.5	2.5	2.5	2.6
<b>New York</b> .....	8,833.3	8,927.0	8,821.4	8,955.3	526.7	473.5	496.3	443.8	6.0	5.3	5.6	5.0
Albany-Schenectady-Troy .....	447.1	456.2	446.5	453.7	19.2	20.0	18.5	17.2	4.3	4.4	4.1	3.8
Binghamton .....	124.0	126.4	124.0	125.4	6.3	6.0	6.2	5.1	5.1	4.7	5.0	4.0
Buffalo-Niagara Falls .....	565.6	568.1	565.1	563.8	36.1	33.7	35.3	29.1	6.4	5.9	6.3	5.2
Dutchess County .....	118.1	122.4	118.0	122.0	4.8	4.8	4.8	4.0	4.1	3.9	4.1	3.3
Elmira .....	44.8	44.9	44.8	44.5	2.6	2.4	2.5	2.3	5.7	5.3	5.7	5.2
Glens Falls .....	57.7	58.7	57.6	58.0	4.3	3.8	4.2	3.3	7.5	6.5	7.4	5.7
Jamestown .....	65.4	66.8	65.2	66.5	4.3	4.0	4.1	3.5	6.5	6.1	6.3	5.2
Nassau-Suffolk .....	1,380.1	1,416.0	1,385.5	1,420.2	48.5	48.8	47.0	39.7	3.5	3.4	3.4	2.8
New York .....	4,104.8	4,101.1	4,091.6	4,141.9	285.1	235.9	261.4	241.2	6.9	5.8	6.4	5.8
New York City .....	3,466.2	3,447.6	3,453.1	3,489.0	261.8	213.2	238.9	221.8	7.6	6.2	6.9	6.4
Newburgh .....	174.5	176.8	174.2	176.7	7.1	6.6	6.8	5.7	4.1	3.7	3.9	3.2
Rochester .....	567.5	577.9	565.7	574.3	28.9	28.7	27.4	25.1	5.1	5.0	4.8	4.4
Syracuse .....	359.1	366.9	358.1	365.7	18.0	19.5	17.7	16.2	5.0	5.3	4.9	4.4
Utica-Rome .....	141.2	144.5	140.9	144.1	8.0	7.6	7.8	6.7	5.7	5.3	5.6	4.7
<b>North Carolina</b> .....	3,798.2	3,884.5	3,819.3	3,917.9	135.0	147.5	119.9	131.5	3.6	3.8	3.1	3.4
Asheville .....	108.7	109.9	109.7	111.5	3.2	3.4	2.7	3.0	3.0	3.1	2.5	2.7
Charlotte-Gastonia-Rock Hill .....	760.8	780.1	762.3	785.5	19.5	23.4	16.7	21.8	2.6	3.0	2.2	2.8
Fayetteville .....	114.9	116.6	115.1	116.9	4.6	5.3	4.3	4.5	4.0	4.5	3.7	3.9
Goldensboro .....	47.1	47.9	47.4	48.5	2.1	1.9	1.9	1.8	4.5	4.0	4.1	3.6
Greensboro-Winston-Salem-High Point .....	631.6	648.7	635.3	653.0	16.0	19.5	13.9	16.5	2.5	3.0	2.2	2.5
Greenville .....	64.4	66.0	64.3	65.8	2.8	3.0	2.5	3.1	4.4	4.6	3.9	4.7
Hickory-Morganton-Lenoir .....	168.6	172.2	169.3	173.4	4.3	3.8	3.8	3.8	2.6	2.2	2.3	2.2
Jacksonville .....	45.9	46.5	46.3	47.2	1.7	1.7	1.8	1.5	3.8	3.7	3.8	3.3
Raleigh-Durham-Chapel Hill .....	619.5	641.8	623.3	647.0	10.4	11.9	9.4	10.6	1.7	1.9	1.5	1.6
Rocky Mount .....	65.4	66.6	66.4	66.8	4.2	4.4	4.0	3.7	6.5	6.6	6.0	5.6
Wilmington .....	108.2	109.9	109.1	110.9	4.5	4.8	3.5	4.1	4.1	4.4	3.3	3.7
<b>North Dakota</b> .....	328.9	332.1	329.5	333.6	13.6	11.4	14.6	11.5	4.1	3.4	4.4	3.4
Bismarck .....	51.9	53.0	52.1	53.1	1.9	1.6	2.1	1.5	3.7	3.0	4.0	2.9
Fargo-Moorhead .....	99.8	101.8	99.8	101.6	2.6	2.2	2.5	2.3	2.6	2.2	2.5	2.2
Grand Forks .....	51.4	51.9	51.2	51.8	1.9	1.8	1.9	1.9	3.6	3.5	3.7	3.6
<b>Ohio</b> .....	5,596.7	5,794.9	5,625.3	5,791.9	268.1	281.9	256.5	240.9	4.8	4.9	4.6	4.2
Akron .....	354.4	371.5	356.9	369.9	16.8	18.3	16.5	15.4	4.7	4.9	4.6	4.2
Canton-Massillon .....	197.0	206.6	198.2	205.7	10.0	10.8	10.2	9.3	5.1	5.2	5.1	4.5
Cincinnati .....	822.7	855.7	827.8	859.6	29.6	32.2	27.9	27.9	3.6	3.8	3.4	3.2
Cleveland-Lorain-Elyria .....	1,090.7	1,122.9	1,094.7	1,121.6	54.4	57.7	52.3	49.6	5.0	5.1	4.8	4.4
Columbus .....	807.8	833.3	809.7	837.3	23.4	24.8	22.2	22.4	2.9	3.0	2.7	2.7
Dayton-Springfield .....	463.7	475.7	464.7	473.8	18.6	20.1	17.7	16.4	4.0	4.2	3.8	3.5
Hamilton-Middletown .....	180.7	188.5	182.0	187.3	6.4	6.4	6.2	5.5	3.5	3.4	3.4	2.9
Lima .....	73.9	76.6	74.9	77.1	3.9	3.6	3.5	3.3	5.2	4.7	4.7	4.3
Mansfield .....	81.7	84.9	82.1	85.1	4.8	5.7	4.8	5.3	5.9	6.7	5.8	6.3
Steubenville-Weirton .....	56.3	55.1	57.1	55.3	4.8	2.9	4.7	2.4	8.6	5.2	8.1	4.3
Toledo .....	312.6	323.6	314.0	323.9	16.2	15.6	15.4	13.6	5.2	4.8	4.9	4.2
Youngstown-Warren .....	273.3	282.8	275.5	280.3	16.9	17.5	16.5	14.8	6.2	6.2	6.0	5.3

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED**

**C-3. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	February		March		February		March		February		March	
	1999	2000	1999	2000 <sup>P</sup>	1999	2000	1999	2000 <sup>P</sup>	1999	2000	1999	2000 <sup>P</sup>
<b>Oklahoma</b> .....	1,626.0	1,639.8	1,636.6	1,645.4	70.5	55.4	62.3	51.5	4.3	3.4	3.8	3.1
Enid .....	27.2	26.9	27.3	26.9	1.0	0.9	0.9	0.9	3.8	3.4	3.3	3.2
Lawton .....	40.6	41.1	40.9	41.1	1.8	1.6	1.6	1.4	4.3	3.9	3.8	3.4
Oklahoma City .....	538.6	552.2	543.7	554.3	17.1	13.8	15.3	14.0	3.2	2.5	2.8	2.5
Tulsa .....	410.7	414.9	412.5	415.1	16.0	13.4	13.9	12.4	3.9	3.2	3.4	3.0
<b>Oregon</b> .....	1,740.1	1,796.8	1,747.1	1,809.5	123.5	105.8	119.1	98.8	7.1	5.9	6.8	5.5
Corvallis .....	41.0	40.3	41.0	40.7	1.6	1.1	1.5	1.0	3.9	2.6	3.6	2.4
Eugene-Springfield .....	162.2	167.1	162.7	168.8	10.8	10.5	10.3	10.0	6.6	6.3	6.3	5.9
Medford-Ashland .....	87.4	91.2	87.7	91.4	8.0	6.4	7.7	5.7	9.2	7.0	8.8	6.3
Portland-Vancouver .....	1,035.6	1,076.9	1,039.0	1,080.6	53.2	46.7	51.8	43.9	5.1	4.3	5.0	4.1
Salem .....	166.2	169.6	166.5	172.1	12.4	11.1	11.9	10.6	7.5	6.5	7.2	6.2
<b>Pennsylvania</b> .....	5,892.6	5,922.8	5,924.5	5,919.6	295.7	280.0	289.9	255.7	5.0	4.7	4.9	4.3
Allentown-Bethlehem-Easton .....	310.0	310.3	311.4	311.8	14.9	13.8	14.2	12.2	4.8	4.4	4.6	3.9
Altoona .....	62.1	63.0	62.2	63.1	3.4	3.3	3.3	3.0	5.5	5.3	5.3	4.8
Erie .....	139.5	139.7	139.7	139.5	8.0	7.8	7.8	7.1	5.7	5.6	5.6	5.1
Harrisburg-Lebanon-Carlisle .....	344.0	341.9	345.4	341.8	11.8	10.9	11.8	9.8	3.4	3.2	3.4	2.9
Johnstown .....	102.1	102.8	102.4	101.6	7.5	7.6	7.4	6.6	7.3	7.3	7.2	6.5
Lancaster .....	238.3	240.6	239.0	241.4	7.4	6.8	6.9	5.9	3.1	2.8	2.9	2.5
Philadelphia .....	2,483.9	2,529.0	2,502.1	2,524.4	105.2	106.1	104.6	98.0	4.2	4.2	4.2	3.9
Pittsburgh .....	1,139.5	1,140.3	1,146.0	1,138.2	58.6	53.8	57.6	49.3	5.1	4.7	5.0	4.3
Reading .....	180.3	181.3	180.7	181.2	8.4	7.8	8.5	7.0	4.6	4.3	4.7	3.9
Scranton—Wilkes-Barre—Hazleton .....	302.7	302.4	304.3	302.7	20.4	18.3	19.4	16.4	6.7	6.0	6.4	5.4
Sharon .....	56.8	57.6	57.4	57.5	2.7	3.3	2.8	3.0	4.8	5.6	4.9	5.3
State College .....	65.4	67.1	65.5	66.7	2.2	2.0	2.2	1.7	3.3	2.9	3.3	2.6
Williamsport .....	56.6	56.6	56.5	56.5	3.6	3.4	3.3	2.9	6.4	6.0	5.9	5.2
York .....	192.6	191.7	193.6	191.4	7.5	7.3	7.4	6.2	3.9	3.8	3.8	3.3
<b>Rhode Island</b> .....	496.7	500.0	495.7	500.3	27.3	24.7	21.8	20.4	5.5	4.9	4.4	4.1
Providence-Fall River-Warwick .....	571.3	574.2	571.3	572.5	31.4	29.3	27.0	24.0	5.5	5.1	4.7	4.2
<b>South Carolina</b> .....	1,933.0	1,962.5	1,938.3	1,973.7	91.4	86.3	74.8	62.4	4.7	4.4	3.9	3.2
Charleston-North Charleston .....	263.6	274.0	265.2	277.9	9.0	9.1	7.4	7.0	3.4	3.3	2.8	2.5
Columbia .....	278.7	283.1	280.7	287.1	6.5	7.1	6.1	5.7	2.3	2.5	2.2	2.0
Florence .....	62.5	63.2	62.3	63.0	3.3	3.3	2.7	2.5	5.3	5.2	4.3	4.0
Greenville-Spartanburg-Anderson .....	488.0	487.9	491.7	493.8	16.6	15.7	14.3	11.0	3.4	3.2	2.9	2.2
Myrtle Beach .....	98.2	102.9	100.1	103.8	6.2	6.0	3.7	3.2	6.3	5.8	3.7	3.1
Sumter .....	46.9	47.0	46.6	47.0	2.7	2.4	2.2	1.9	5.8	5.2	4.8	3.9
<b>South Dakota</b> .....	388.3	393.0	392.2	397.4	14.6	11.6	14.6	10.8	3.8	3.0	3.7	2.7
Rapid City .....	45.3	46.8	46.1	47.4	1.4	1.3	1.4	1.2	3.2	2.7	3.1	2.5
Sioux Falls .....	99.3	102.6	100.7	103.7	2.2	2.0	2.2	1.7	2.2	1.9	2.2	1.7
<b>Tennessee</b> .....	2,774.0	2,790.2	2,796.4	2,820.6	126.9	104.4	121.6	102.2	4.6	3.7	4.3	3.6
Chattanooga .....	224.8	226.3	226.4	227.8	8.4	6.3	8.1	6.2	3.7	2.8	3.6	2.7
Clarksville-Hopkinsville .....	84.2	85.5	85.2	85.8	3.0	2.8	2.9	2.6	3.5	3.3	3.4	3.0
Jackson .....	56.8	58.4	57.6	58.3	2.1	1.9	2.1	2.0	3.7	3.2	3.6	3.4
Johnson City-Kingsport-Bristol .....	224.5	225.0	226.0	226.1	10.9	9.2	10.8	8.9	4.9	4.1	4.8	3.9
Knoxville .....	347.4	347.1	349.5	349.0	15.6	12.6	14.6	11.4	4.5	3.6	4.2	3.3
Memphis .....	548.6	561.6	551.0	565.2	19.4	18.5	19.5	19.0	3.5	3.3	3.5	3.4
Nashville .....	649.1	659.8	653.7	668.9	17.7	16.1	17.7	16.2	2.7	2.4	2.7	2.4
<b>Texas</b> .....	10,048.7	10,297.6	10,088.1	10,315.7	476.9	470.4	448.5	455.3	4.7	4.6	4.4	4.4
Abilene .....	59.1	60.2	59.2	59.9	2.4	2.2	2.2	2.2	4.0	3.7	3.7	3.6
Amarillo .....	110.9	113.9	111.6	113.6	3.3	4.3	3.0	4.2	3.0	3.8	2.7	3.7
Austin-San Marcos .....	690.5	726.8	694.9	729.5	16.1	15.3	14.8	15.0	2.3	2.1	2.1	2.1
Beaumont-Port Arthur .....	181.1	177.7	181.2	177.5	13.5	14.3	14.5	14.5	7.5	8.0	8.0	8.2
Brazoria .....	102.8	104.0	103.1	103.3	6.4	7.1	6.2	6.8	6.2	6.8	6.0	6.5
Brownsville-Harlingen-San Benito .....	126.5	129.2	124.7	129.9	15.7	13.4	12.4	12.7	12.4	10.4	10.0	9.8
Bryan-College Station .....	75.7	77.2	76.3	77.8	1.3	1.2	1.1	1.2	1.7	1.6	1.5	1.6
Corpus Christi .....	173.4	174.6	174.1	175.6	10.8	11.6	10.3	11.3	6.2	6.6	5.9	6.4
Dallas .....	1,872.2	1,937.8	1,885.1	1,945.9	56.2	61.1	53.6	60.2	3.0	3.2	2.8	3.1
El Paso .....	285.4	287.7	283.7	286.3	28.3	25.2	26.0	24.0	9.9	8.8	9.1	8.4
Fort Worth-Arlington .....	877.2	906.9	881.3	913.3	27.2	29.0	26.0	28.6	3.1	3.2	2.9	3.1
Galveston-Texas City .....	121.4	121.2	121.3	121.0	7.3	7.0	7.1	7.1	6.0	5.8	5.9	5.9
Houston .....	2,114.0	2,170.6	2,127.0	2,168.7	86.9	96.1	85.2	93.3	4.1	4.4	4.0	4.3
Killeen-Temple .....	113.7	115.6	113.9	115.8	4.0	4.1	3.7	3.8	3.5	3.5	3.3	3.3
Laredo .....	72.2	73.2	71.9	73.3	7.3	6.0	6.6	5.7	10.1	8.2	9.2	7.7
Longview-Marshall .....	102.9	102.4	102.8	102.4	7.3	6.5	6.9	6.1	7.1	6.3	6.7	6.0
Lubbock .....	120.4	124.8	121.0	125.7	3.4	3.3	3.3	3.8	2.9	2.6	2.7	3.0
McAllen-Edinburg-Mission .....	198.1	204.8	197.3	206.0	34.9	32.4	30.5	29.6	17.6	15.8	15.4	14.4
Odessa-Midland .....	123.2	118.2	122.2	117.2	11.7	7.8	11.0	7.5	9.5	6.6	9.0	6.4
San Angelo .....	49.7	49.6	49.8	49.7	2.3	1.7	2.2	1.6	4.7	3.4	4.4	3.3
San Antonio .....	750.7	779.3	755.2	775.3	22.3	27.2	21.9	26.1	3.0	3.5	2.9	3.4
Sherman-Denison .....	49.8	50.9	50.0	51.0	2.5	2.0	2.3	1.8	5.1	3.9	4.6	3.6
Texarkana .....	55.2	56.4	55.3	56.6	3.3	3.1	3.0	2.9	5.9	5.5	5.5	5.1

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
NOT SEASONALLY ADJUSTED**

**C-3. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	February		March		February		March		February		March	
	1999	2000	1999	2000 <sup>P</sup>	1999	2000	1999	2000 <sup>P</sup>	1999	2000	1999	2000 <sup>P</sup>
<b>Texas—Continued</b>												
Tyler .....	88.0	89.9	88.5	90.2	3.9	3.2	3.7	3.2	4.4	3.6	4.2	3.5
Victoria .....	41.9	43.3	42.1	43.3	1.8	1.5	1.7	1.5	4.3	3.6	3.9	3.4
Waco .....	99.8	102.5	100.1	102.4	3.4	3.2	3.2	3.2	3.4	3.1	3.2	3.1
Wichita Falls .....	64.4	63.7	63.7	64.2	3.5	3.1	2.6	3.0	5.5	4.8	4.0	4.6
<b>Utah</b> .....	1,059.8	1,091.4	1,058.8	1,088.5	46.4	35.7	44.3	31.6	4.4	3.3	4.2	2.9
Provo-Orem .....	159.7	165.7	159.7	165.7	6.2	4.5	6.0	4.0	3.9	2.7	3.7	2.4
Salt Lake City-Ogden .....	679.2	699.5	676.8	696.3	27.2	21.2	26.1	18.9	4.0	3.0	3.9	2.7
<b>Vermont</b> .....	332.8	338.7	334.9	339.9	14.5	12.6	12.2	9.2	4.4	3.7	3.6	2.7
Burlington .....	100.3	103.0	100.8	103.6	2.9	2.4	2.3	1.8	2.9	2.3	2.3	1.7
<b>Virginia</b> .....	3,439.2	3,602.0	3,451.5	3,619.8	95.2	100.1	88.5	91.0	2.8	2.8	2.6	2.5
Charlottesville .....	73.8	77.6	74.0	79.3	0.8	1.1	0.8	1.1	1.1	1.4	1.1	1.3
Danville .....	55.6	57.6	55.9	58.1	2.8	2.8	3.4	3.3	5.1	4.9	6.0	5.7
Lynchburg .....	102.3	107.6	102.7	108.0	2.2	2.2	2.2	1.9	2.2	2.0	2.1	1.8
Norfolk-Virginia Beach-Newport News .....	718.9	744.0	721.1	747.3	23.8	23.3	20.5	21.4	3.3	3.1	2.8	2.9
Richmond-Petersburg .....	501.7	524.6	502.1	526.2	11.4	10.9	10.4	10.6	2.3	2.1	2.1	2.0
Roanoke .....	124.4	128.3	124.7	128.9	2.3	2.4	2.0	2.2	1.9	1.8	1.6	1.7
<b>Washington</b> .....	3,059.3	3,067.0	3,049.5	3,064.0	175.6	168.2	156.6	145.4	5.7	5.5	5.1	4.7
Bellingham .....	81.4	81.2	80.8	81.2	5.8	4.6	4.6	4.4	7.1	5.7	5.7	5.4
Bremerton .....	93.1	95.0	92.8	94.4	5.1	5.4	4.9	4.7	5.5	5.7	5.3	5.0
Olympia .....	101.6	103.0	100.9	103.2	5.4	5.1	4.8	4.5	5.4	4.9	4.8	4.4
Richland-Kennewick-Pasco .....	91.7	91.5	92.5	92.0	7.9	7.3	6.7	5.9	8.6	8.0	7.3	6.4
Seattle-Bellevue-Everett .....	1,405.1	1,412.6	1,397.6	1,407.2	50.9	51.9	47.6	45.8	3.6	3.7	3.4	3.3
Spokane .....	211.8	212.5	211.1	212.0	14.3	13.8	12.6	11.3	6.8	6.5	6.0	5.3
Tacoma .....	334.9	337.4	334.7	336.8	17.2	17.3	15.7	15.5	5.1	5.1	4.7	4.6
Yakima .....	107.8	104.5	109.3	105.5	15.1	13.8	13.3	11.6	14.0	13.2	12.1	11.0
<b>West Virginia</b> .....	801.5	799.5	810.6	801.7	59.9	53.2	63.1	48.2	7.5	6.7	7.8	6.0
Charleston .....	132.0	131.4	132.6	131.5	6.9	6.3	7.0	6.0	5.2	4.8	5.3	4.5
Huntington-Ashland .....	137.8	137.6	138.6	138.2	10.8	8.9	10.2	8.4	7.9	6.4	7.4	6.1
Parkersburg-Marietta .....	75.6	75.9	75.9	76.0	5.2	4.6	5.2	3.9	6.9	6.0	6.9	5.1
Wheeling .....	72.1	72.8	73.3	73.4	4.6	4.6	4.7	3.9	6.4	6.3	6.4	5.3
<b>Wisconsin</b> .....	2,835.8	2,963.9	2,830.5	2,973.1	115.8	107.7	108.8	110.5	4.1	3.6	3.8	3.7
Appleton-Oshkosh-Neenah .....	214.6	227.9	214.8	228.9	6.8	5.9	6.4	6.0	3.2	2.6	3.0	2.6
Eau Claire .....	80.6	85.6	80.4	86.5	3.4	3.5	3.1	3.8	4.2	4.0	3.9	4.4
Green Bay .....	130.6	140.7	130.7	141.1	3.9	3.7	3.5	3.7	3.0	2.6	2.7	2.6
Janesville-Beloit .....	76.5	78.2	76.6	78.3	3.3	3.7	3.0	3.5	4.3	4.7	3.9	4.5
Kenosha .....	79.2	83.5	79.0	82.7	3.0	3.0	2.8	3.0	3.8	3.6	3.6	3.6
La Crosse .....	70.1	71.3	69.3	70.1	2.7	2.8	2.3	2.6	3.9	4.0	3.3	3.8
Madison .....	253.3	265.9	253.4	266.8	4.6	4.6	4.3	4.6	1.8	1.7	1.7	1.7
Milwaukee-Waukesha .....	784.2	819.5	785.5	822.2	27.5	26.8	26.9	27.6	3.5	3.3	3.4	3.4
Racine .....	89.4	90.7	89.4	91.2	4.6	4.2	4.3	4.1	5.2	4.6	4.8	4.5
Sheboygan .....	58.8	61.8	58.9	62.0	1.4	1.3	1.4	1.4	2.4	2.2	2.3	2.2
Wausau .....	71.3	75.6	70.8	76.7	3.2	2.9	3.0	3.8	4.4	3.8	4.3	5.0
<b>Wyoming</b> .....	257.7	258.5	260.4	259.9	16.5	14.1	15.2	12.5	6.4	5.4	5.9	4.8
Casper .....	33.6	34.2	34.3	34.1	2.2	2.0	2.0	1.8	6.6	5.7	6.0	5.2
Cheyenne .....	39.5	40.1	40.1	40.5	1.7	1.6	1.5	1.3	4.2	3.9	3.7	3.2
<b>Puerto Rico</b> .....	1,319.7	1,308.6	1,322.1	1,325.4	165.2	136.9	167.6	137.3	12.5	10.5	12.7	10.4
Aguadilla .....	47.8	47.0	48.0	47.6	8.5	7.3	8.6	7.3	17.8	15.5	17.9	15.3
Arecibo .....	51.9	52.2	52.4	52.8	7.4	6.9	7.7	6.7	14.3	13.2	14.7	12.7
Caguas .....	119.5	121.9	121.3	123.0	13.9	12.1	14.4	11.8	11.6	9.9	11.8	9.6
Mayaguez .....	95.0	90.0	95.2	92.4	15.4	12.3	15.5	13.5	16.3	13.6	16.3	14.6
Ponce .....	110.8	110.4	111.0	111.5	17.9	15.1	18.3	14.9	16.1	13.7	16.5	13.3
San Juan-Bayamon .....	725.6	722.3	723.4	729.8	72.2	59.2	72.3	58.0	10.0	8.2	10.0	7.9

<sup>P</sup> = preliminary.

NOTE: Data refer to place of residence. Data for Puerto Rico are derived from a monthly

household survey similar to the Current Population Survey. All estimates are provisional and will be revised when new benchmark and population information becomes available.

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BLS Regional Offices ..... <http://stats.bls.gov/regnhome.htm>

### **Employment and Unemployment:**

Employment, hours, and earnings by industry  
National ..... <http://stats.bls.gov/ceshome.htm>  
State and area ..... <http://stats.bls.gov/790home.htm>  
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Consumer Expenditure Survey ..... <http://stats.bls.gov/csxhome.htm>

### **Compensation and Working Conditions:**

National Compensation Survey ..... <http://stats.bls.gov/comhome.htm>  
Collective bargaining ..... <http://stats.bls.gov/cbahome.htm>  
Employment cost trends ..... <http://stats.bls.gov/ecthome.htm>  
Employee Benefits Survey ..... <http://stats.bls.gov/ebshome.htm>  
Occupational Compensation Survey ..... <http://stats.bls.gov/ocshome.htm>  
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Quarterly labor productivity ..... <http://stats.bls.gov/lprhome.htm>  
Industry productivity ..... <http://stats.bls.gov/iprhome.htm>  
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**Employment Projections** ..... <http://stats.bls.gov/emphome.htm>

### **International data:**

Foreign labor statistics ..... <http://stats.bls.gov/flshome.htm>  
U.S. import and export price indexes ..... <http://stats.bls.gov/ipphome.htm>



# **Annual Averages**

## **Regions, States, and Areas**

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry**

State and area	Total			Mining			Construction		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Alabama</b> .....	1,866.3	1,898.1	1,923.9	10.5	10.6	9.9	97.2	100.2	104.3
Birmingham .....	463.5	473.2	482.1	3.3	2.9	2.4	26.7	28.2	29.2
Huntsville .....	173.1	177.3	180.4	(1)	(1)	(1)	6.0	6.2	6.6
Mobile .....	220.1	225.2	228.4	(1)	(1)	(1)	17.2	17.8	18.4
Montgomery .....	157.2	160.9	166.1	(1)	(1)	(1)	8.4	8.6	8.7
Tuscaloosa .....	78.3	80.7	82.6	2.7	3.0	2.9	5.5	5.3	5.8
<b>Alaska</b> .....	268.7	275.0	277.6	10.0	10.8	9.5	12.8	13.4	13.8
Anchorage .....	123.9	128.7	131.3	2.4	3.0	2.7	6.6	7.0	7.3
<b>Arizona</b> .....	1,984.6	2,074.7	2,160.2	13.8	13.0	11.5	131.8	143.8	154.6
Phoenix-Mesa .....	1,383.0	1,458.1	1,524.5	6.3	5.6	4.1	95.1	105.4	113.4
Tucson .....	315.4	324.1	335.5	2.3	2.2	1.9	19.4	19.8	21.6
<b>Arkansas</b> .....	1,104.0	1,122.2	1,141.9	3.6	3.4	3.2	47.6	48.0	50.4
Fayetteville-Springdale-Rogers .....	138.5	141.9	147.5	(1)	(1)	(1)	5.7	5.6	6.0
Fort Smith .....	95.8	97.4	100.2	.9	.8	.7	4.0	4.1	3.9
Little Rock-North Little Rock .....	303.3	308.4	313.5	(1)	(1)	(1)	14.3	14.6	15.6
Pine Bluff .....	35.8	36.1	36.2	(1)	(1)	(1)	1.0	1.0	.9
<b>California</b> .....	13,129.7	13,596.1	13,972.2	29.0	25.2	23.7	550.0	611.2	679.2
Bakersfield .....	179.2	184.3	188.5	10.4	9.1	8.3	8.8	9.9	9.8
Fresno .....	274.3	279.1	288.1	.5	.3	.4	13.3	14.7	15.8
Los Angeles-Long Beach .....	3,865.1	3,943.5	4,005.3	5.5	4.9	4.4	109.5	118.4	125.0
Modesto .....	131.7	137.2	141.4	(2)	(2)	(2)	6.8	8.0	9.3
Oakland .....	947.8	976.2	1,009.9	2.1	1.9	2.5	50.0	54.1	61.5
Orange County .....	1,233.9	1,299.2	1,345.2	.9	.9	.7	58.1	65.5	73.4
Riverside-San Bernardino .....	841.4	882.2	933.6	1.2	1.0	.9	52.1	60.8	70.0
Sacramento .....	625.2	652.0	686.8	.2	.2	.2	33.2	37.1	43.8
Salinas .....	117.6	121.2	127.1	.1	.1	.1	4.6	5.5	6.2
San Diego .....	1,054.2	1,105.5	1,150.2	.4	.3	.3	53.0	61.8	66.4
San Francisco .....	983.5	1,012.3	1,043.1	.6	.5	.4	35.1	38.3	42.1
San Jose .....	926.6	956.3	968.8	.1	.1	.1	37.3	41.7	45.6
Santa Barbara-Santa Maria-Lompoc .....	151.4	155.0	158.9	1.0	.9	.8	6.7	6.8	7.7
Santa Rosa .....	165.4	173.1	179.4	.5	.4	.4	9.3	10.2	12.0
Stockton-Lodi .....	167.4	171.5	178.3	.1	.1	.1	7.5	8.7	10.2
Vallejo-Fairfield-Napa .....	150.0	156.8	165.0	.6	.5	.5	10.0	10.6	11.9
Ventura .....	242.7	252.4	263.0	1.5	1.3	1.1	11.1	12.7	14.4
<b>Colorado</b> .....	1,979.5	2,057.0	2,133.5	14.0	14.2	13.1	119.0	132.6	147.5
Boulder-Longmont .....	157.7	163.8	170.5	(1)	(1)	(1)	6.5	7.4	8.0
Colorado Springs .....	217.5	224.1	234.6	(1)	(1)	(1)	12.4	12.9	14.0
Denver .....	1,055.9	1,096.3	1,137.4	6.9	6.7	6.0	61.6	68.8	78.0
<b>Connecticut</b> .....	1,612.6	1,643.4	1,671.7	.8	.8	.8	56.3	58.9	61.0
Bridgeport .....	184.3	186.3	187.1	(2)	(2)	(2)	6.2	6.4	6.6
Danbury .....	85.8	88.1	88.8	(1)	(1)	(1)	3.5	3.8	4.0
Hartford .....	597.8	603.9	612.0	(1)	(1)	(1)	19.8	20.2	21.5
New Haven-Meriden .....	249.4	256.5	259.2	(1)	(1)	(1)	9.2	9.8	9.9
New London-Norwich .....	136.2	137.6	140.1	(1)	(1)	(1)	4.5	4.7	4.9
Stamford-Norwalk .....	201.5	205.6	209.6	(1)	(1)	(1)	5.8	6.0	6.3
Waterbury .....	85.8	86.7	87.6	(2)	(2)	(2)	3.2	3.3	3.4
<b>Delaware</b> .....	387.9	400.2	411.6	.1	.1	.1	21.9	22.5	24.1
Dover .....	51.4	53.1	55.0	.1	.1	.1	2.3	2.6	2.6
Wilmington-Newark .....	301.5	311.4	320.3	.2	.2	.2	16.6	16.5	17.8
<b>District of Columbia</b> .....	618.4	613.6	615.8	.1	.1	.1	9.1	9.0	9.0
Washington PMSA .....	2,483.8	2,550.9	2,629.1	1.0	1.1	1.2	126.3	130.8	139.0
<b>Florida</b> .....	6,414.4	6,636.5	6,876.9	6.6	6.7	6.1	334.3	348.8	364.9
Daytona Beach .....	150.1	153.7	156.3	(2)	(2)	(2)	7.7	7.9	8.1
Fort Lauderdale .....	626.2	639.5	658.9	.1	.1	.2	34.3	35.2	36.7
Fort Myers-Cape Coral .....	151.8	157.7	163.7	(2)	(2)	(2)	12.4	13.6	15.3
Gainesville .....	111.5	114.7	118.0	(2)	(2)	(2)	4.4	4.4	4.7
Jacksonville .....	508.9	525.5	537.6	(2)	(2)	(2)	28.1	28.4	29.2
Lakeland-Winter Haven .....	169.2	175.0	179.3	3.1	3.1	2.5	9.0	9.9	9.9
Melbourne-Titusville-Palm Bay .....	176.7	180.2	184.0	(2)	(2)	(2)	9.2	9.4	10.2
Miami .....	961.7	975.9	992.2	.3	.3	.3	33.8	33.7	34.8
Orlando .....	794.8	837.9	880.9	(2)	(2)	(2)	43.2	46.3	48.5
Pensacola .....	149.4	153.5	156.1	(2)	(2)	(2)	10.6	10.9	10.9
Sarasota-Bradenton .....	243.4	247.1	264.9	(2)	(2)	(2)	12.5	13.2	14.6
Tallahassee .....	148.0	152.2	156.8	(2)	(2)	(2)	6.1	6.2	6.5
Tampa-St. Petersburg-Clearwater .....	1,069.0	1,114.8	1,157.0	.4	.4	.4	51.4	54.0	55.9
West Palm Beach-Boca Raton .....	438.2	457.3	472.2	(2)	(2)	(2)	24.6	26.6	27.2

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Alabama</b> .....	380.5	377.8	368.7	91.2	92.5	94.5	427.3	436.2	446.1
Birmingham .....	51.7	51.8	51.1	30.3	30.8	31.2	112.1	114.8	118.9
Huntsville .....	38.8	37.9	35.3	3.8	4.0	4.5	34.7	35.8	36.7
Mobile .....	27.5	27.9	26.5	12.9	13.0	13.2	58.0	59.0	59.8
Montgomery .....	17.8	18.2	18.6	6.5	6.8	7.3	37.4	37.8	38.5
Tuscaloosa .....	11.6	12.5	13.2	2.4	2.5	2.4	18.4	18.8	19.1
<b>Alaska</b> .....	15.2	14.4	13.9	24.2	25.5	26.1	55.9	56.5	57.3
Anchorage .....	2.0	2.0	2.1	12.3	13.2	13.8	30.7	31.0	31.4
<b>Arizona</b> .....	207.4	216.0	211.4	96.6	100.9	103.7	482.4	498.0	511.3
Phoenix-Mesa .....	161.5	169.5	164.8	70.4	74.1	79.5	338.7	353.5	365.0
Tucson .....	28.3	29.0	30.4	13.6	12.9	12.0	69.2	69.8	70.8
<b>Arkansas</b> .....	252.9	253.5	252.6	65.7	67.6	69.2	252.4	256.0	262.4
Fayetteville-Springdale-Rogers .....	34.0	33.9	34.5	9.3	9.9	10.5	38.7	40.3	42.4
Fort Smith .....	27.1	27.4	28.5	6.5	6.5	6.5	20.0	19.6	20.1
Little Rock-North Little Rock .....	33.5	33.5	32.9	21.1	21.3	21.4	70.3	70.9	72.4
Pine Bluff .....	8.2	8.5	8.4	1.8	1.8	1.8	7.3	7.2	7.2
<b>California</b> .....	1,914.0	1,951.0	1,922.8	663.7	695.4	718.9	3,048.8	3,123.6	3,193.7
Bakersfield .....	9.6	9.9	9.9	9.9	11.0	11.1	42.8	42.8	44.3
Fresno .....	30.2	30.7	31.2	14.0	13.6	13.6	67.4	68.0	69.1
Los Angeles-Long Beach .....	661.4	661.7	643.4	211.9	225.2	234.2	858.6	871.9	885.3
Modesto .....	26.1	26.6	25.8	5.4	5.3	5.6	33.5	34.7	38.0
Oakland .....	120.1	121.3	117.4	60.9	62.5	64.2	212.3	220.3	230.3
Orange County .....	222.4	231.7	228.9	44.4	46.3	48.1	309.9	322.5	331.6
Riverside-San Bernardino .....	104.8	111.4	118.3	42.5	45.7	48.7	217.9	223.2	231.7
Sacramento .....	45.3	46.8	48.1	24.7	26.2	27.5	136.7	140.0	144.7
Salinas .....	9.6	9.4	10.5	5.4	5.4	5.5	31.0	31.8	33.2
San Diego .....	123.1	127.6	128.3	41.6	47.0	51.9	244.0	249.4	255.3
San Francisco .....	76.7	77.1	74.6	79.0	80.1	81.7	206.9	211.2	217.7
San Jose .....	258.2	261.3	249.0	27.2	28.3	28.4	182.7	186.4	189.8
Santa Barbara-Santa Maria-Lompoc .....	17.1	17.8	16.4	5.4	5.3	5.0	36.6	37.4	39.1
Santa Rosa .....	26.1	28.1	29.7	6.1	6.4	6.4	41.3	42.6	42.6
Stockton-Lodi .....	23.7	23.4	23.8	12.0	12.2	12.9	40.0	41.0	42.1
Vallejo-Fairfield-Napa .....	17.8	19.2	20.2	6.1	6.2	6.0	39.3	39.9	41.1
Ventura .....	32.8	36.0	38.9	9.7	10.6	11.6	59.2	59.7	61.8
<b>Colorado</b> .....	204.0	207.4	203.9	123.8	130.2	139.4	480.1	491.7	507.0
Boulder-Longmont .....	31.5	32.5	32.9	3.7	4.0	4.9	35.0	34.8	35.2
Colorado Springs .....	26.3	27.0	27.7	12.0	11.7	13.3	48.5	49.8	51.8
Denver .....	92.8	92.9	90.4	85.8	92.1	98.5	255.7	260.0	268.7
<b>Connecticut</b> .....	276.1	276.9	269.0	75.0	75.7	78.0	351.5	355.8	359.7
Bridgeport .....	39.5	39.1	37.6	7.1	7.0	7.2	41.4	42.0	42.0
Danbury .....	18.9	19.7	19.1	2.6	2.8	2.9	22.0	21.7	21.3
Hartford .....	93.7	94.6	91.5	26.9	26.4	27.1	123.9	123.4	123.4
New Haven-Meriden .....	39.2	40.0	39.8	16.0	16.3	16.5	52.5	54.3	54.5
New London-Norwich .....	24.7	24.4	23.9	6.4	6.8	7.2	27.7	27.6	28.0
Stamford-Norwalk .....	28.2	27.3	25.7	10.3	10.4	10.4	44.9	44.4	44.8
Waterbury .....	18.7	18.8	18.1	3.5	3.7	4.1	17.7	17.9	18.3
<b>Delaware</b> .....	57.8	59.7	59.6	15.7	16.2	16.9	85.3	87.0	90.2
Dover .....	6.0	6.2	6.2	1.7	2.0	2.0	12.9	12.2	12.6
Wilmington-Newark .....	43.3	45.4	45.4	13.6	13.9	14.6	61.1	63.0	65.7
<b>District of Columbia</b> .....	12.7	12.2	12.0	17.4	16.6	17.4	48.5	48.1	47.6
Washington PMSA .....	100.4	102.5	99.4	113.8	117.8	125.7	470.7	474.9	480.5
<b>Florida</b> .....	492.0	493.5	487.8	326.8	337.4	349.9	1,649.2	1,684.0	1,721.0
Daytona Beach .....	14.1	13.5	12.2	4.3	4.8	5.6	42.5	42.7	43.0
Fort Lauderdale .....	40.4	39.7	37.6	31.3	30.7	32.4	177.2	180.3	183.7
Fort Myers-Cape Coral .....	6.8	7.0	7.0	7.0	7.6	7.9	42.9	44.7	46.4
Gainesville .....	5.5	5.6	5.5	2.3	2.4	2.4	23.4	23.8	24.4
Jacksonville .....	37.8	39.3	39.0	36.3	37.3	37.9	126.0	129.1	131.1
Lakeland-Winter Haven .....	20.6	20.5	20.7	8.7	8.9	9.2	47.8	49.2	50.8
Melbourne-Titusville-Palm Bay .....	27.1	26.7	26.0	5.1	5.2	5.8	41.5	43.0	45.3
Miami .....	75.5	72.9	70.0	83.3	86.2	88.8	253.3	256.2	261.1
Orlando .....	52.3	53.8	53.2	40.9	42.9	44.5	198.5	205.5	215.3
Pensacola .....	11.1	10.3	9.7	7.1	7.5	7.7	38.6	38.8	38.7
Sarasota-Bradenton .....	20.6	21.1	21.8	5.2	5.3	5.4	58.9	59.3	60.6
Tallahassee .....	5.2	4.9	4.7	4.0	4.0	3.8	30.1	30.7	31.1
Tampa-St. Petersburg-Clearwater .....	88.7	88.9	89.2	47.6	50.3	53.0	258.4	262.1	264.2
West Palm Beach-Boca Raton .....	30.1	31.3	33.0	16.0	16.1	16.1	113.4	117.4	118.5

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Finance, insurance, and real estate			Services			Government		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Alabama</b> .....	84.7	87.7	91.5	428.6	446.0	457.1	346.2	347.1	351.8
Birmingham .....	34.4	35.5	37.9	136.2	140.8	143.5	68.9	68.5	68.0
Huntsville .....	4.8	4.8	5.0	46.6	49.5	52.2	38.6	39.4	40.2
Mobile .....	10.0	9.9	10.3	60.0	62.8	64.6	34.5	35.0	35.5
Montgomery .....	9.4	9.9	10.7	41.0	42.8	45.0	36.7	36.8	37.3
Tuscaloosa .....	2.5	2.4	2.6	13.7	14.3	14.6	21.6	21.8	22.0
<b>Alaska</b> .....	12.2	12.5	12.8	65.3	68.2	70.5	73.2	73.7	73.6
Anchorage .....	7.2	7.5	7.7	34.9	36.3	37.8	27.9	28.6	28.5
<b>Arizona</b> .....	127.7	135.6	139.7	596.7	626.1	679.5	328.2	341.5	348.7
Phoenix-Mesa .....	107.2	114.0	118.8	431.9	453.3	493.9	171.9	182.7	185.1
Tucson .....	12.1	13.0	13.1	99.3	105.8	112.9	71.3	71.7	72.8
<b>Arkansas</b> .....	44.1	45.0	46.0	254.4	263.5	270.6	183.4	185.2	187.5
Fayetteville-Springdale-Rogers .....	4.9	5.1	5.5	27.0	27.9	29.5	19.0	19.1	19.2
Fort Smith .....	3.2	3.1	3.2	24.3	26.0	27.1	9.8	10.0	10.1
Little Rock-North Little Rock .....	17.4	18.0	18.2	87.8	90.8	92.8	58.9	59.4	60.2
Pine Bluff .....	1.3	1.3	1.2	8.5	8.6	8.8	7.7	7.8	8.0
<b>California</b> .....	758.3	799.4	821.5	4,025.3	4,224.3	4,377.9	2,140.7	2,166.1	2,234.6
Bakersfield .....	6.6	7.2	7.3	43.0	45.6	47.7	48.2	48.8	50.1
Fresno .....	13.7	13.9	14.3	70.0	71.8	75.0	65.1	66.2	68.8
Los Angeles-Long Beach .....	220.2	228.4	233.7	1,261.9	1,292.2	1,317.0	536.3	541.0	562.4
Modesto .....	4.5	4.5	4.5	32.1	34.5	36.6	23.4	23.7	23.8
Oakland .....	54.6	55.4	57.1	279.9	291.8	304.2	167.9	168.9	172.7
Orange County .....	92.9	100.4	105.2	372.7	395.6	415.8	132.7	136.4	141.4
Riverside-San Bernardino .....	29.8	30.6	32.0	221.5	234.9	248.8	171.6	174.7	183.2
Sacramento .....	42.2	47.5	50.4	173.9	182.5	193.5	169.1	171.8	178.6
Salinas .....	5.9	6.1	6.4	32.9	33.7	35.4	28.1	29.2	29.7
San Diego .....	60.9	65.3	68.7	339.3	359.6	380.0	192.0	194.5	199.3
San Francisco .....	103.0	108.0	108.0	358.2	374.4	392.9	124.0	122.7	125.6
San Jose .....	30.6	31.8	32.8	301.8	317.8	332.0	88.5	88.9	91.2
Santa Barbara-Santa Maria-Lompoc .....	7.2	7.5	7.5	46.5	47.4	50.0	30.9	31.8	32.4
Santa Rosa .....	9.6	9.9	10.3	47.4	49.7	51.5	25.2	25.6	26.6
Stockton-Lodi .....	8.6	8.5	8.5	41.3	42.9	45.0	34.3	34.8	35.7
Vallejo-Fairfield-Napa .....	5.9	6.0	6.6	39.6	42.6	45.3	30.8	31.8	33.5
Ventura .....	12.6	13.6	14.8	72.4	75.5	76.5	43.3	43.1	43.9
<b>Colorado</b> .....	127.4	135.7	141.3	595.5	622.8	652.5	315.6	322.3	328.8
Boulder-Longmont .....	5.5	5.9	6.7	49.6	53.0	56.3	25.9	26.1	26.5
Colorado Springs .....	11.7	12.9	13.8	71.9	73.9	77.4	34.8	35.9	36.6
Denver .....	84.1	89.2	92.7	324.7	339.4	353.2	144.2	147.2	150.1
<b>Connecticut</b> .....	132.1	136.5	140.7	495.0	511.0	526.8	225.7	227.8	235.7
Bridgeport .....	10.3	10.5	11.5	59.1	60.4	60.9	20.6	20.9	21.3
Danbury .....	4.4	4.8	5.3	24.5	25.1	25.4	9.9	10.2	10.7
Hartford .....	70.5	71.3	73.2	169.5	174.9	179.4	93.4	93.1	95.8
New Haven-Meriden .....	13.1	13.6	12.9	88.1	90.9	93.1	31.2	31.6	32.4
New London-Norwich .....	3.7	3.7	3.8	34.2	34.9	35.7	35.0	35.5	36.6
Stamford-Norwalk .....	23.3	25.2	26.9	71.6	74.5	77.3	17.6	17.8	18.1
Waterbury .....	4.0	3.6	3.9	26.3	27.0	26.9	12.3	12.3	13.1
<b>Delaware</b> .....	46.8	48.2	49.4	107.1	112.0	116.4	53.2	54.4	55.0
Dover .....	2.1	2.2	2.1	11.6	12.5	13.7	14.9	15.6	15.8
Wilmington-Newark .....	41.0	42.4	43.1	87.8	91.2	94.0	38.0	38.9	39.6
<b>District of Columbia</b> .....	28.4	29.9	31.3	269.1	271.8	275.8	233.2	225.8	222.7
Washington PMSA .....	135.2	141.2	145.5	952.4	1,000.1	1,048.5	584.1	582.5	589.2
<b>Florida</b> .....	408.4	430.7	449.1	2,254.9	2,380.6	2,531.1	942.2	954.8	967.0
Daytona Beach .....	6.5	6.8	6.9	52.2	54.9	57.1	22.9	23.1	23.4
Fort Lauderdale .....	44.6	47.6	49.5	214.6	221.7	234.4	83.8	84.1	84.4
Fort Myers-Cape Coral .....	8.8	9.0	9.5	49.0	50.5	51.4	24.7	25.2	26.0
Gainesville .....	5.1	5.2	5.3	32.4	34.9	36.8	38.4	38.5	39.0
Jacksonville .....	53.2	55.6	56.6	161.5	169.5	177.9	65.6	66.0	65.5
Lakeland-Winter Haven .....	7.9	8.4	8.5	46.9	48.8	51.5	25.2	26.2	26.1
Melbourne-Titusville-Palm Bay .....	6.0	6.3	6.3	63.2	65.0	65.7	24.5	24.6	24.8
Miami .....	67.2	66.9	67.2	312.8	322.1	331.7	135.4	137.5	138.4
Orlando .....	46.0	49.7	58.0	329.7	352.5	371.7	83.9	86.8	89.2
Pensacola .....	6.0	6.0	6.1	47.2	50.9	54.1	28.5	28.8	28.8
Sarasota-Bradenton .....	11.6	12.1	11.8	111.4	112.4	126.8	23.2	23.6	23.7
Tallahassee .....	5.8	6.3	6.7	39.0	41.5	44.1	57.8	58.5	59.5
Tampa-St. Petersburg-Clearwater .....	75.9	81.3	84.5	414.2	443.6	475.0	132.4	134.2	134.9
West Palm Beach-Boca Raton .....	31.0	33.4	33.8	169.4	178.4	188.3	53.8	54.2	55.4

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Total			Mining			Construction		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Georgia</b> .....	3,614.4	3,740.8	3,889.8	7.8	7.9	8.1	168.0	181.5	198.9
Albany .....	59.4	59.3	59.4	(2)	(2)	(2)	3.5	3.5	3.9
Athens .....	71.7	73.3	74.0	(1)	(1)	(1)	2.6	2.8	2.9
Atlanta .....	1,959.1	2,042.8	2,149.1	1.6	1.6	1.8	93.8	102.1	114.2
Augusta-Aiken .....	192.6	196.5	201.8	.4	.4	.3	11.6	12.0	13.3
Columbus .....	115.7	118.2	121.4	(1)	(1)	(1)	5.3	5.5	5.6
Macon .....	147.4	147.9	151.1	1.2	1.0	1.0	6.2	6.3	6.9
Savannah .....	131.6	133.4	136.8	(1)	(1)	(1)	7.7	8.0	8.1
<b>Hawaii</b> .....	531.6	531.3	533.7	(1)	(1)	(1)	22.3	21.6	21.5
Honolulu .....	403.0	400.8	399.5	(1)	(1)	(1)	17.3	16.6	15.9
<b>Idaho</b> .....	509.9	521.8	539.7	3.1	2.9	2.6	31.9	32.3	35.2
Boise City .....	193.8	202.7	211.1	(1)	(1)	(1)	13.6	13.8	15.2
<b>Illinois</b> .....	5,772.1	5,898.5	5,955.2	11.6	10.9	10.6	230.8	239.9	251.9
Bloomington-Normal .....	79.3	84.2	88.4	(1)	(1)	(1)	2.6	3.0	3.5
Champaign-Urbana .....	96.8	98.4	101.4	(1)	(1)	(1)	3.2	3.5	3.8
Chicago .....	4,038.4	4,124.9	4,178.7	1.6	1.7	1.8	157.6	163.1	173.8
Davenport-Moline-Rock Island .....	178.4	183.8	185.3	(1)	(1)	(1)	9.2	9.5	9.4
Decatur .....	56.8	57.7	59.6	(1)	(1)	(1)	3.7	3.8	3.7
Kankakee .....	43.2	43.3	43.3	(1)	(1)	(1)	2.0	2.0	2.1
Peoria-Pekin .....	170.4	175.1	175.2	(1)	(1)	(1)	7.8	8.2	8.0
Rockford .....	176.5	178.3	179.7	(1)	(1)	(1)	6.8	7.0	7.5
Springfield .....	112.1	114.1	114.1	(1)	(1)	(1)	4.7	4.7	5.0
<b>Indiana</b> .....	2,858.6	2,917.3	2,968.3	6.8	6.8	6.8	140.7	145.7	147.9
Bloomington .....	64.5	64.7	65.8	(1)	(1)	(1)	3.0	2.9	3.0
Elkhart-Goshen .....	116.5	120.4	125.1	(1)	(1)	(1)	4.6	4.9	5.0
Evansville-Henderson .....	153.5	155.1	159.5	1.3	1.2	1.1	9.8	10.5	10.9
Fort Wayne .....	269.0	273.8	274.9	(1)	(1)	(1)	12.8	13.1	13.5
Gary .....	265.2	268.5	269.9	(1)	(1)	(1)	17.8	19.2	17.0
Indianapolis .....	828.9	847.3	867.6	.8	.7	.8	44.9	46.0	48.5
Kokomo .....	51.2	51.9	52.8	(1)	(1)	(1)	2.1	1.9	1.9
Lafayette .....	92.0	93.7	96.0	(1)	(1)	(1)	3.8	4.0	4.0
Muncie .....	59.6	59.4	59.7	(1)	(1)	(1)	2.5	2.4	2.5
South Bend .....	134.4	135.8	136.5	(1)	(1)	(1)	7.5	7.3	7.3
Terre Haute .....	67.4	67.1	68.3	.2	.2	(2)	3.0	3.2	3.5
<b>Iowa</b> .....	1,407.0	1,442.8	1,466.7	2.1	2.1	2.1	59.9	63.0	65.2
Cedar Rapids .....	112.0	116.5	121.5	(1)	(1)	(1)	5.4	6.3	6.3
Des Moines .....	270.9	279.1	284.1	(1)	(1)	(1)	12.1	12.6	13.7
Dubuque .....	50.7	51.4	52.3	(1)	(1)	(1)	1.8	1.8	2.0
Iowa City .....	65.5	68.4	70.9	(1)	(1)	(1)	2.2	2.4	2.6
Sioux City .....	65.2	66.1	66.7	(1)	(1)	(1)	3.6	3.0	3.1
Waterloo-Cedar Falls .....	71.4	73.3	72.7	(1)	(1)	(1)	2.7	2.7	2.8
<b>Kansas</b> .....	1,268.2	1,312.2	1,327.0	8.2	7.4	6.4	58.8	61.5	65.6
Lawrence .....	46.0	47.5	48.6	(1)	(1)	(1)	2.1	2.2	2.5
Topeka .....	99.6	100.9	100.9	(1)	(1)	(1)	4.4	4.7	5.0
Wichita .....	275.3	286.2	285.3	1.4	1.3	1.1	14.0	14.6	15.2
<b>Kentucky</b> .....	1,711.2	1,752.8	1,794.5	23.1	22.9	21.6	81.8	83.6	86.7
Lexington .....	268.4	277.1	285.2	.3	.3	.3	13.1	13.6	14.5
Louisville .....	549.6	565.4	579.0	.6	.6	.7	28.9	29.2	30.6
Owensboro .....	43.1	44.0	44.9	.3	.3	.2	3.2	3.3	3.4
<b>Louisiana</b> .....	1,849.9	1,889.5	1,897.9	54.3	57.3	46.8	117.6	126.6	130.0
Alexandria .....	53.7	55.5	57.5	.1	.1	.1	3.2	3.6	4.0
Baton Rouge .....	281.3	291.7	300.9	.9	1.0	1.0	30.9	33.8	35.8
Houma .....	74.7	78.9	76.1	7.2	7.4	5.7	3.6	4.3	4.3
Lafayette .....	160.7	165.9	162.7	15.5	17.1	12.5	8.9	9.8	9.6
Lake Charles .....	85.6	86.8	88.3	1.3	1.3	1.3	10.3	10.4	11.1
Monroe .....	68.0	69.4	71.5	.2	.2	.2	3.5	3.6	3.8
New Orleans .....	613.9	620.8	620.3	15.2	15.2	13.3	31.2	33.4	32.6
Shreveport-Bossier City .....	169.9	172.6	174.3	2.6	2.7	2.1	9.6	9.8	9.4
<b>Maine</b> .....	553.7	569.2	585.8	.1	.1	.1	23.3	25.1	28.1
Lewiston-Auburn .....	41.2	42.9	44.4	(2)	(2)	(2)	1.6	1.6	1.7
Portland .....	142.2	145.7	147.6	(2)	(2)	(2)	6.4	6.6	6.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Georgia</b> .....	588.6	594.6	599.1	230.4	243.9	257.5	910.8	930.7	968.8
Albany .....	9.0	8.7	8.3	3.1	3.5	3.6	13.9	13.8	13.9
Athens .....	11.6	11.7	11.9	1.8	1.8	1.9	18.2	17.9	17.5
Atlanta .....	218.8	223.6	226.5	163.8	174.5	183.8	521.7	539.2	563.9
Augusta-Aiken .....	41.1	40.5	29.2	6.5	6.7	18.1	41.9	42.1	43.0
Columbus .....	21.7	21.9	21.6	4.0	4.1	4.4	26.1	25.5	26.3
Macon .....	20.3	19.7	19.2	5.4	5.6	6.0	34.0	33.4	34.7
Savannah .....	17.7	17.9	18.1	9.7	9.1	9.1	32.8	33.7	35.1
<b>Hawaii</b> .....	16.6	16.4	16.5	41.3	41.1	41.0	134.3	132.2	132.7
Honolulu .....	12.8	12.8	12.7	33.2	32.6	31.9	99.6	96.9	96.5
<b>Idaho</b> .....	74.6	76.1	76.6	24.3	25.5	26.8	129.1	132.5	136.0
Boise City .....	34.8	36.4	36.6	9.6	10.4	11.0	46.6	48.6	50.9
<b>Illinois</b> .....	973.1	974.8	956.4	338.7	347.5	346.6	1,320.1	1,332.3	1,344.0
Bloomington-Normal .....	8.7	8.9	9.1	2.9	3.1	3.0	17.6	17.9	18.1
Champaign-Urbana .....	11.6	11.5	12.0	2.6	3.0	3.5	21.4	21.5	21.8
Chicago .....	656.6	655.1	639.5	248.4	256.5	257.7	914.7	921.5	929.9
Davenport-Moline-Rock Island .....	30.5	31.6	30.8	9.5	10.3	10.5	47.4	48.3	48.4
Decatur .....	13.5	14.0	14.3	5.1	5.2	5.4	12.4	12.3	12.7
Kankakee .....	8.4	7.7	7.0	2.1	2.2	2.4	10.9	10.9	11.4
Peoria-Pekin .....	32.6	34.0	33.9	9.6	10.0	10.1	41.2	41.7	41.3
Rockford .....	52.7	52.9	52.0	9.1	9.3	9.1	37.0	37.2	37.8
Springfield .....	4.4	4.6	4.4	4.8	4.7	4.6	23.6	23.4	23.0
<b>Indiana</b> .....	676.7	684.9	690.0	140.3	144.8	147.1	680.8	687.7	702.2
Bloomington .....	10.0	9.5	9.4	1.9	1.9	1.7	14.7	14.8	15.4
Elkhart-Goshen .....	58.2	60.8	64.1	2.9	2.9	3.0	22.2	22.4	23.5
Evansville-Henderson .....	32.4	32.1	31.5	7.2	7.4	7.4	38.1	38.1	39.1
Fort Wayne .....	75.1	75.8	75.1	12.8	13.3	13.9	64.0	64.4	65.1
Gary .....	50.3	50.5	49.0	15.5	14.9	15.3	63.4	63.2	64.5
Indianapolis .....	127.3	127.6	127.7	50.5	53.0	54.2	215.4	219.2	223.4
Kokomo .....	20.5	20.6	20.8	1.2	1.2	1.2	11.1	11.4	11.4
Lafayette .....	22.3	22.6	23.1	2.3	2.4	2.4	19.0	19.2	19.7
Muncie .....	11.0	10.1	9.9	3.3	3.5	3.7	13.7	13.8	13.7
South Bend .....	22.3	22.6	22.8	5.6	5.8	5.5	34.6	34.7	35.2
Terre Haute .....	11.8	12.1	12.4	3.0	2.9	3.0	19.1	18.8	19.3
<b>Iowa</b> .....	253.3	261.3	261.3	65.7	69.1	72.0	345.6	353.2	355.9
Cedar Rapids .....	21.6	22.5	22.2	8.0	8.6	11.8	25.3	25.8	26.4
Des Moines .....	25.0	25.0	24.5	13.6	14.6	14.8	70.7	72.2	72.3
Dubuque .....	11.9	12.0	11.9	2.1	2.1	1.9	12.2	12.4	12.9
Iowa City .....	4.8	5.1	5.6	2.2	2.2	2.4	13.0	14.2	14.7
Sioux City .....	12.8	13.7	13.8	3.9	3.9	3.9	16.0	16.1	16.2
Waterloo-Cedar Falls .....	14.8	15.1	14.4	2.4	2.6	2.6	16.7	17.3	17.4
<b>Kansas</b> .....	206.6	214.1	213.2	72.2	74.6	77.8	309.0	318.9	318.7
Lawrence .....	5.4	5.5	5.4	1.2	1.3	1.4	11.7	11.9	12.1
Topeka .....	9.8	9.8	9.9	6.3	5.9	5.7	21.5	21.7	21.7
Wichita .....	69.5	74.2	73.5	10.8	11.0	11.2	61.9	63.8	62.8
<b>Kentucky</b> .....	316.8	320.3	320.7	97.0	102.1	105.2	409.2	416.9	426.2
Lexington .....	46.5	48.6	48.8	10.8	11.2	11.4	60.7	62.2	63.9
Louisville .....	88.0	88.8	89.0	40.0	43.4	45.0	135.2	138.4	140.0
Owensboro .....	7.0	7.1	7.0	2.2	2.2	2.2	10.9	11.0	11.3
<b>Louisiana</b> .....	191.1	191.0	188.3	110.3	112.9	112.6	430.6	439.2	443.2
Alexandria .....	3.4	3.6	3.7	2.7	3.0	3.4	12.3	12.9	13.2
Baton Rouge .....	24.4	24.5	24.3	12.5	12.9	14.0	66.0	69.0	70.4
Houma .....	7.3	8.6	8.2	8.1	8.6	8.3	17.5	18.3	18.4
Lafayette .....	16.0	15.1	15.0	9.7	9.9	9.6	41.2	42.6	42.8
Lake Charles .....	11.8	11.9	11.5	4.4	4.5	4.6	18.2	18.6	19.1
Monroe .....	8.0	7.9	8.1	3.7	3.8	3.8	16.9	17.1	17.4
New Orleans .....	48.9	49.3	49.8	41.8	41.6	40.8	151.8	152.6	152.7
Shreveport-Bossier City .....	19.2	18.8	18.9	8.3	8.4	8.3	39.0	39.6	39.9
<b>Maine</b> .....	87.8	87.1	86.1	23.1	23.6	24.0	139.4	142.3	146.3
Lewiston-Auburn .....	7.8	7.8	7.9	1.7	1.8	2.0	10.5	10.9	11.2
Portland .....	15.0	14.7	14.7	6.6	6.9	6.8	41.1	41.7	41.6

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Finance, insurance, and real estate			Services			Government		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Georgia</b> .....	187.2	198.2	202.6	944.4	998.1	1,065.6	577.3	586.0	589.4
Albany .....	2.1	1.9	1.7	15.3	15.2	15.3	12.6	12.7	12.5
Athens .....	2.2	2.4	2.4	15.6	16.5	17.4	19.7	20.3	20.1
Atlanta .....	126.7	134.1	137.0	578.0	609.2	660.4	254.7	258.5	261.5
Augusta-Aiken .....	6.0	6.1	6.1	45.9	48.3	51.1	39.3	40.3	40.8
Columbus .....	8.0	8.2	8.2	30.1	31.9	33.5	20.4	21.0	21.7
Macon .....	8.4	8.9	8.9	38.9	39.7	41.1	33.1	33.3	33.4
Savannah .....	4.4	4.6	4.6	38.6	39.5	41.3	20.7	20.7	20.5
<b>Hawaii</b> .....	36.2	35.5	35.0	169.2	172.2	174.3	111.7	112.2	112.8
Honolulu .....	29.1	28.5	27.9	121.2	123.3	124.0	89.7	90.1	90.5
<b>Idaho</b> .....	25.4	22.9	23.6	121.7	127.0	133.4	100.0	102.6	105.7
Boise City .....	11.0	11.0	11.4	48.8	51.4	54.0	29.5	31.1	32.2
<b>Illinois</b> .....	397.4	404.2	406.5	1,692.1	1,772.8	1,812.3	808.3	816.1	826.9
Bloomington-Normal .....	14.1	16.3	18.1	19.8	21.0	22.0	13.6	14.1	14.6
Champaign-Urbana .....	3.7	3.8	3.9	21.0	21.6	22.2	33.4	33.5	34.3
Chicago .....	310.6	313.6	314.6	1,258.4	1,320.3	1,364.4	490.4	493.2	497.1
Davenport-Moline-Rock Island .....	8.1	8.2	8.1	47.1	49.3	51.5	26.7	26.5	26.6
Decatur .....	2.0	2.1	2.1	13.6	13.8	14.9	6.6	6.6	6.5
Kankakee .....	1.7	1.7	1.8	11.4	11.9	11.8	6.8	6.8	6.8
Peoria-Pekin .....	7.8	7.7	8.1	52.6	54.2	54.1	18.9	19.4	19.7
Rockford .....	7.4	7.4	7.5	46.0	46.9	47.7	17.5	17.7	18.2
Springfield .....	7.9	7.9	7.8	32.8	34.7	35.3	33.8	34.1	34.0
<b>Indiana</b> .....	138.8	140.7	142.6	682.4	707.5	728.7	392.0	399.2	403.0
Bloomington .....	2.4	2.4	2.4	12.8	13.5	14.1	19.7	19.8	19.8
Elkhart-Goshen .....	2.9	2.9	3.1	18.8	18.9	18.8	7.1	7.7	7.6
Evansville-Henderson .....	7.2	7.2	7.7	42.5	43.7	45.9	15.0	15.0	15.9
Fort Wayne .....	14.9	14.9	14.5	62.9	65.9	66.4	26.6	26.4	26.3
Gary .....	9.2	9.1	9.2	72.4	73.9	76.7	36.7	37.7	38.1
Indianapolis .....	62.4	63.1	64.9	223.9	232.0	239.8	103.7	105.6	108.3
Kokomo .....	1.5	1.5	1.6	8.1	8.4	9.1	6.8	6.8	6.9
Lafayette .....	3.8	4.0	3.8	17.7	18.6	19.1	23.1	22.9	24.0
Muncie .....	1.8	1.9	1.9	15.7	15.8	16.0	11.6	11.9	12.1
South Bend .....	6.7	7.0	6.8	44.1	44.8	45.1	13.6	13.7	13.8
Terre Haute .....	2.3	2.3	2.4	16.5	16.3	16.3	11.4	11.4	11.5
<b>Iowa</b> .....	79.6	83.1	85.1	366.1	374.8	385.7	234.6	236.2	239.4
Cedar Rapids .....	5.9	6.3	6.8	34.9	35.7	36.5	11.0	11.3	11.6
Des Moines .....	37.4	39.6	40.3	77.1	80.2	82.5	35.1	34.9	36.0
Dubuque .....	1.7	1.9	1.9	17.3	17.6	18.0	3.7	3.7	3.8
Iowa City .....	1.9	2.1	2.5	14.0	14.9	15.3	27.4	27.5	27.9
Sioux City .....	2.6	2.8	2.9	18.9	19.0	19.0	7.5	7.7	7.7
Waterloo-Cedar Falls .....	3.3	3.2	3.1	19.1	20.0	20.0	12.4	12.4	12.4
<b>Kansas</b> .....	60.7	62.0	63.0	317.3	333.9	342.6	235.5	239.8	239.7
Lawrence .....	2.0	2.1	2.0	11.0	11.4	11.7	12.6	13.1	13.6
Topeka .....	6.8	6.8	6.6	28.3	29.7	30.5	22.6	22.3	21.5
Wichita .....	11.0	11.4	11.5	73.8	76.7	76.7	32.9	33.2	33.2
<b>Kentucky</b> .....	69.1	69.7	71.0	423.2	442.7	462.5	290.9	294.7	300.7
Lexington .....	10.1	10.2	10.2	72.1	76.2	80.3	55.0	54.8	55.8
Louisville .....	29.3	29.5	30.2	159.0	165.0	171.0	68.6	70.5	72.6
Owensboro .....	1.7	1.8	1.9	10.7	11.1	11.6	7.1	7.2	7.5
<b>Louisiana</b> .....	85.5	86.6	85.3	496.3	508.8	522.5	364.2	367.3	369.4
Alexandria .....	2.3	2.4	2.6	16.5	16.6	17.0	13.2	13.3	13.6
Baton Rouge .....	17.5	18.0	16.9	72.0	74.0	77.7	57.2	58.4	60.8
Houma .....	2.3	2.1	2.1	15.7	16.0	15.1	13.1	13.6	14.1
Lafayette .....	6.1	6.3	6.3	40.2	41.7	42.9	23.2	23.5	24.2
Lake Charles .....	2.7	2.7	2.5	23.9	24.2	24.6	13.1	13.3	13.6
Monroe .....	4.9	5.2	5.6	18.2	18.7	19.5	12.9	12.9	13.0
New Orleans .....	31.6	31.6	30.8	189.0	192.7	196.2	104.4	104.4	104.0
Shreveport-Bossier City .....	6.6	6.4	6.5	52.1	54.0	56.3	32.5	33.0	33.0
<b>Maine</b> .....	28.4	29.7	31.0	158.7	166.8	174.1	93.0	94.6	96.1
Lewiston-Auburn .....	2.1	2.2	2.4	12.8	13.8	14.3	4.7	4.8	4.9
Portland .....	12.3	12.9	13.8	42.9	44.5	45.3	17.9	18.4	18.6

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Total			Mining			Construction		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Maryland</b> .....	2,267.1	2,324.4	2,382.1	1.3	1.3	1.4	138.3	141.3	150.8
Baltimore PMSA .....	1,168.2	1,188.2	1,213.8	.2	.4	.4	64.3	64.9	70.7
Baltimore City .....	403.2	400.0	403.6	(1)	(1)	(1)	12.4	12.0	14.0
Suburban Maryland-D.C. ....	831.4	860.6	888.8	(1)	(1)	(1)	59.8	62.1	65.5
<b>Massachusetts</b> .....	3,109.2	3,178.6	3,236.1	1.3	1.3	1.4	100.3	108.4	118.9
Barnstable-Yarmouth .....	56.5	58.5	61.1	(1)	(1)	(1)	2.6	2.7	3.0
Boston .....	1,905.5	1,946.7	1,981.6	.4	.4	.5	56.7	61.8	68.5
Brockton .....	94.7	96.4	99.1	(2)	(2)	(2)	3.3	3.7	4.2
Fitchburg-Leominster .....	51.8	52.1	52.5	(2)	(2)	(2)	1.6	1.8	1.9
Lawrence .....	149.3	153.2	158.5	(2)	(2)	(2)	5.6	5.9	6.5
Lowell .....	115.0	118.9	123.1	(1)	(1)	(1)	5.1	5.2	5.4
New Bedford .....	63.4	64.4	65.0	(2)	(2)	(2)	2.2	2.5	2.6
Pittsfield .....	41.7	42.1	42.5	.1	.1	.1	1.6	1.8	1.8
Springfield .....	250.9	253.7	257.8	.1	.1	.1	7.6	8.0	8.7
Worcester .....	222.9	228.9	230.9	.2	.2	.2	7.1	7.3	7.9
<b>Michigan</b> .....	4,448.2	4,494.9	4,528.4	7.6	7.8	6.9	179.8	185.5	190.0
Ann Arbor .....	266.3	274.6	280.6	(1)	(1)	(1)	10.1	10.7	11.0
Benton Harbor .....	70.9	71.1	72.5	(1)	(1)	(1)	2.4	2.4	2.6
Detroit .....	2,076.7	2,111.9	2,128.0	.8	1.0	1.0	78.0	81.5	82.0
Flint .....	182.4	175.8	173.1	(1)	(1)	(1)	7.0	7.3	7.5
Grand Rapids-Muskegon-Holland ..	550.6	564.1	576.0	(1)	(1)	(1)	24.9	25.9	27.1
Jackson .....	60.5	61.1	62.1	(1)	(1)	(1)	2.4	2.6	2.8
Kalamazoo-Battle Creek .....	208.9	212.5	214.6	(1)	(1)	(1)	8.3	8.7	8.9
Lansing-East Lansing .....	232.2	232.9	235.0	(1)	(1)	(1)	8.6	8.9	8.9
Saginaw-Bay City-Midland .....	177.4	178.4	179.9	(1)	(1)	(1)	9.3	9.4	9.8
<b>Minnesota</b> .....	2,490.8	2,555.1	2,608.5	7.9	8.1	7.4	93.7	101.8	112.1
Duluth-Superior .....	110.8	113.0	114.4	5.1	4.9	4.8	4.0	4.1	4.7
Minneapolis-St. Paul .....	1,616.6	1,658.2	1,704.1	(2)	(2)	(2)	59.0	64.7	72.0
Rochester .....	73.8	78.3	81.1	(1)	(1)	(1)	2.9	3.0	3.1
St. Cloud .....	84.7	87.6	91.6	(1)	(1)	(1)	3.9	4.3	4.0
<b>Mississippi</b> .....	1,107.1	1,133.7	1,154.8	5.9	6.3	5.2	50.9	54.4	55.7
Jackson .....	220.7	226.8	230.8	(2)	(2)	(2)	11.1	11.0	11.4
<b>Missouri</b> .....	2,639.4	2,684.0	2,725.1	4.7	4.9	5.2	121.0	126.2	138.3
Kansas City .....	916.6	944.4	963.8	(1)	(1)	(1)	45.8	47.9	51.6
St. Louis .....	1,291.2	1,307.6	1,321.1	(1)	(1)	(1)	65.5	68.1	74.0
Springfield .....	160.3	163.0	167.4	(1)	(1)	(1)	6.8	7.2	7.9
<b>Montana</b> .....	364.9	373.0	381.4	5.4	5.2	5.1	17.7	18.8	19.6
<b>Nebraska</b> .....	854.3	876.3	890.9	1.2	1.2	1.2	38.2	41.0	43.2
Lincoln .....	145.6	148.0	152.3	(1)	(1)	(1)	6.4	6.7	7.3
Omaha .....	395.4	406.2	415.5	(1)	(1)	(1)	18.1	20.3	21.6
<b>Nevada</b> .....	890.7	925.9	985.1	14.7	13.2	12.0	81.6	86.0	90.5
Las Vegas .....	631.5	663.0	714.5	2.2	2.0	1.8	64.3	68.7	71.5
Reno .....	177.5	182.5	187.6	.7	.5	.5	12.0	12.9	14.1
<b>New Hampshire</b> .....	570.2	589.0	604.6	.5	.5	.5	20.9	23.0	24.4
Manchester .....	96.7	100.0	102.9	(1)	(1)	(1)	4.3	4.6	4.9
Nashua .....	91.3	93.9	96.1	(1)	(1)	(1)	2.8	3.0	3.1
Portsmouth-Rochester .....	115.1	116.7	119.1	(1)	(1)	(1)	3.4	3.9	4.0
<b>New Jersey</b> .....	3,724.6	3,800.8	3,866.1	1.9	2.0	2.1	130.7	135.0	137.8
Atlantic-Cape May .....	180.6	182.2	183.4	(1)	(1)	(1)	7.3	6.6	6.5
Bergen-Passaic .....	638.3	654.8	665.9	(1)	(1)	(1)	22.2	23.2	23.5
Camden .....	469.8	484.0	494.3	(1)	(1)	(1)	21.5	22.5	23.0
Jersey City .....	240.7	244.1	247.5	(1)	(1)	(1)	4.5	5.1	5.2
Middlesex-Somerset-Hunterdon ..	606.7	619.9	632.5	.5	.5	.5	18.9	19.3	19.9
Monmouth-Ocean .....	362.4	368.7	375.7	(1)	(1)	(1)	17.8	18.4	18.6
Newark .....	948.1	967.5	985.4	.7	.8	.9	31.2	32.5	33.6
Trenton .....	197.4	198.8	200.1	(1)	(1)	(1)	4.6	4.7	4.8
Vineland-Millville-Bridgeton ..	58.3	59.1	59.2	.3	.3	.3	2.0	2.1	2.0
<b>New Mexico</b> .....	708.5	720.0	730.1	15.7	15.1	13.6	42.7	43.2	43.7
Albuquerque .....	333.4	338.5	344.8	(1)	(1)	(1)	22.1	21.5	21.8
Las Cruces .....	51.1	52.6	54.9	(1)	(1)	(1)	3.2	3.2	3.4
Santa Fe .....	71.1	72.5	74.0	(1)	(1)	(1)	3.5	3.7	4.2

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Maryland</b> .....	176.9	178.2	177.0	107.2	108.3	111.3	536.2	540.6	549.5
Baltimore PMSA .....	100.8	100.3	98.0	58.2	57.4	58.5	269.5	272.8	277.3
Baltimore City .....	31.2	30.0	29.2	19.9	19.5	18.6	63.8	62.7	62.0
Suburban Maryland-D.C. ....	38.7	39.5	40.0	34.4	36.0	37.7	198.5	200.3	201.7
<b>Massachusetts</b> .....	447.9	448.2	433.4	132.9	136.5	139.0	706.9	720.8	738.0
Barnstable-Yarmouth .....	2.0	2.2	2.6	2.9	3.0	3.1	19.2	19.9	20.8
Boston .....	222.7	222.8	212.1	82.4	84.3	85.8	411.2	417.3	426.6
Brockton .....	10.7	11.0	11.4	5.0	5.0	4.9	31.1	32.1	32.7
Fitchburg-Leominster .....	13.7	13.5	13.0	2.0	2.0	2.0	12.2	12.4	12.9
Lawrence .....	38.5	39.0	39.2	4.9	5.4	5.7	34.5	35.3	36.9
Lowell .....	28.4	28.7	27.8	6.7	7.1	7.2	24.4	25.6	27.9
New Bedford .....	13.4	13.3	13.1	3.3	3.5	3.5	16.2	16.5	16.9
Pittsfield .....	7.6	7.4	7.3	1.2	1.3	1.5	10.3	10.3	10.3
Springfield .....	38.8	38.7	38.3	9.7	10.0	10.3	58.5	59.2	61.4
Worcester .....	41.3	41.1	39.5	9.5	9.8	10.1	49.8	51.6	52.4
<b>Michigan</b> .....	966.3	969.7	977.9	173.5	177.7	176.6	1,046.0	1,050.6	1,062.6
Ann Arbor .....	52.6	53.1	54.3	6.4	6.5	6.5	53.4	55.4	56.1
Benton Harbor .....	19.8	19.4	19.6	2.9	3.1	3.3	15.8	15.9	16.1
Detroit .....	441.2	444.3	446.8	94.0	97.4	95.4	485.1	492.6	491.6
Flint .....	42.1	37.9	35.1	5.6	5.8	5.7	44.0	44.5	44.2
Grand Rapids-Muskegon-Holland .....	154.6	159.1	160.3	18.7	19.9	20.6	136.5	140.7	145.7
Jackson .....	12.8	12.5	12.2	3.5	3.6	3.7	15.5	15.5	15.8
Kalamazoo-Battle Creek .....	49.3	49.1	48.8	7.0	7.5	7.6	46.2	47.3	48.4
Lansing-East Lansing .....	30.0	28.5	28.7	6.1	6.4	6.6	51.3	52.0	52.4
Saginaw-Bay City-Midland .....	39.7	39.3	39.5	7.2	7.1	6.6	44.6	45.1	45.7
<b>Minnesota</b> .....	435.0	441.2	439.5	123.9	127.5	130.5	600.6	610.9	619.4
Duluth-Superior .....	8.3	8.3	8.1	7.1	7.5	8.0	27.5	27.7	27.9
Minneapolis-St. Paul .....	275.4	278.2	277.0	88.4	90.5	93.9	386.1	392.0	399.9
Rochester .....	11.7	13.2	13.0	2.2	2.4	2.5	14.6	15.2	15.2
St. Cloud .....	15.6	16.2	17.1	3.1	3.4	3.4	25.4	25.8	26.8
<b>Mississippi</b> .....	241.8	245.5	244.9	53.0	53.8	55.5	238.4	245.2	252.4
Jackson .....	20.6	20.5	20.4	15.5	16.5	17.6	53.3	55.1	55.9
<b>Missouri</b> .....	418.0	418.4	411.0	165.4	168.5	171.7	624.5	632.5	642.2
Kansas City .....	106.8	107.9	107.1	74.4	77.9	80.6	225.5	231.2	233.6
St. Louis .....	195.8	195.0	189.6	83.4	84.3	86.8	305.5	308.7	312.2
Springfield .....	23.7	23.4	23.1	10.6	11.3	11.8	45.0	45.7	47.3
<b>Montana</b> .....	24.1	24.2	24.5	21.1	21.8	22.2	98.8	100.3	101.4
<b>Nebraska</b> .....	116.4	118.9	117.5	53.6	55.9	57.4	208.9	212.1	215.4
Lincoln .....	17.2	18.2	18.2	9.3	9.7	9.3	30.6	31.0	31.9
Omaha .....	39.4	40.1	40.0	28.1	29.8	31.1	94.7	97.4	100.4
<b>Nevada</b> .....	40.7	41.9	42.3	45.6	48.2	51.5	180.2	189.2	201.5
Las Vegas .....	22.0	22.7	23.3	32.7	34.7	37.9	129.7	138.4	148.8
Reno .....	13.4	13.7	13.4	11.3	11.9	12.1	40.6	41.2	42.6
<b>New Hampshire</b> .....	107.2	108.6	106.6	19.4	20.5	21.3	148.6	152.6	160.0
Manchester .....	14.2	14.6	14.7	5.6	5.8	6.2	23.7	24.5	25.0
Nashua .....	27.7	28.0	27.4	2.2	2.8	3.1	22.4	23.2	24.8
Portsmouth-Rochester .....	18.9	18.6	18.2	3.9	3.9	3.8	30.7	31.1	32.5
<b>New Jersey</b> .....	481.9	478.0	466.8	256.1	260.3	263.4	871.3	885.8	906.2
Atlantic-Cape May .....	6.3	6.3	6.0	7.1	6.9	6.8	37.4	37.9	38.6
Bergen-Passaic .....	106.5	105.7	103.3	34.9	36.6	37.2	175.5	177.7	181.0
Camden .....	54.8	54.8	54.6	22.0	22.8	22.9	124.5	127.4	131.6
Jersey City .....	28.6	27.3	26.8	28.3	29.7	30.3	56.0	57.6	58.3
Middlesex-Somerset-Hunterdon .....	92.4	93.5	90.3	49.7	48.9	48.7	142.3	144.1	146.9
Monmouth-Ocean .....	21.2	20.6	20.2	20.4	20.0	19.6	98.9	99.2	101.5
Newark .....	135.1	135.1	133.4	80.4	82.4	85.1	189.4	193.7	198.6
Trenton .....	19.5	17.8	16.4	7.3	7.2	7.3	32.3	32.7	33.6
Vineland-Millville-Bridgeton .....	13.0	12.8	12.4	2.8	2.7	2.7	11.6	11.7	11.8
<b>New Mexico</b> .....	46.2	44.7	42.3	32.0	33.7	35.4	167.9	169.9	171.2
Albuquerque .....	29.3	28.4	26.7	15.5	16.6	18.7	80.8	81.5	81.4
Las Cruces .....	2.8	2.9	3.1	1.8	2.0	2.0	10.9	11.0	11.3
Santa Fe .....	2.1	2.0	1.8	1.2	1.3	1.2	15.2	15.2	15.5

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Finance, insurance, and real estate			Services			Government		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Maryland</b> .....	131.2	135.0	140.1	755.4	787.8	814.0	420.8	431.8	438.1
Baltimore PMSA .....	72.8	74.2	75.1	391.8	405.4	419.2	210.6	212.9	214.6
Baltimore City .....	33.5	33.7	33.9	153.8	154.7	159.7	88.6	87.4	86.2
Suburban Maryland-D.C. ....	50.0	50.9	52.7	285.7	302.8	317.4	164.4	169.0	173.9
<b>Massachusetts</b> .....	212.2	218.3	226.3	1,103.1	1,133.6	1,161.3	404.6	411.6	417.8
Barnstable-Yarmouth .....	3.2	3.1	3.4	19.2	20.0	20.3	7.4	7.7	8.0
Boston .....	158.0	163.6	170.4	746.3	765.3	782.2	227.8	231.2	235.7
Brockton .....	3.2	3.1	3.2	25.2	25.4	26.0	16.2	16.1	16.7
Fitchburg-Leominster .....	1.5	1.5	1.5	13.2	13.1	13.4	7.6	7.8	7.9
Lawrence .....	4.5	4.8	5.4	43.2	44.1	45.6	18.1	18.7	19.2
Lowell .....	3.6	3.4	3.4	31.8	33.5	35.5	15.0	15.5	15.9
New Bedford .....	1.8	1.8	1.9	16.6	17.0	17.0	9.8	9.9	10.0
Pittsfield .....	1.9	1.9	1.9	14.1	14.3	14.6	5.0	5.1	5.1
Springfield .....	12.8	13.2	13.2	78.3	79.1	79.7	45.1	45.4	46.1
Worcester .....	14.9	14.8	15.0	66.0	68.6	71.9	34.2	35.5	33.9
<b>Michigan</b> .....	205.7	207.9	207.9	1,221.9	1,239.7	1,239.5	647.4	656.0	667.1
Ann Arbor .....	9.8	9.9	10.1	64.9	67.9	69.9	69.3	71.2	72.8
Benton Harbor .....	2.6	2.5	2.4	19.0	19.2	19.5	8.5	8.7	9.0
Detroit .....	111.3	113.6	113.2	638.2	651.4	667.0	228.1	230.1	231.1
Flint .....	6.5	6.5	6.6	53.5	49.2	49.1	23.8	24.7	24.9
Grand Rapids-Muskegon-Holland .....	22.1	22.8	22.5	140.6	141.3	143.8	53.1	54.5	56.0
Jackson .....	1.9	1.9	2.0	14.6	15.1	15.5	10.0	10.0	10.2
Kalamazoo-Battle Creek .....	10.8	10.6	10.6	53.1	54.5	55.4	34.1	34.7	35.0
Lansing-East Lansing .....	13.7	14.1	14.6	56.6	58.2	59.3	66.0	64.9	64.7
Saginaw-Bay City-Midland .....	6.7	6.8	6.9	47.9	48.4	48.8	22.0	22.3	22.6
<b>Minnesota</b> .....	147.4	155.9	160.3	702.7	728.4	751.9	379.6	381.3	387.5
Duluth-Superior .....	3.4	3.4	3.4	31.9	33.7	34.5	23.6	23.3	22.9
Minneapolis-St. Paul .....	115.6	123.2	127.2	472.6	486.9	502.3	219.0	222.3	231.3
Rochester .....	2.3	2.4	2.5	32.9	34.9	37.4	7.2	7.2	7.4
St. Cloud .....	3.0	3.2	3.4	21.0	21.9	23.9	12.7	12.8	13.1
<b>Mississippi</b> .....	41.7	42.5	42.4	256.3	262.6	269.9	219.0	223.4	228.9
Jackson .....	15.6	16.0	16.2	58.8	60.1	60.8	45.1	46.7	48.0
<b>Missouri</b> .....	155.1	162.0	165.9	737.9	757.5	770.5	412.8	414.1	420.3
Kansas City .....	64.4	67.8	70.5	269.3	278.3	286.8	130.3	133.3	133.8
St. Louis .....	79.9	82.5	83.4	405.7	414.0	420.3	155.5	155.1	154.9
Springfield .....	7.0	7.7	8.8	47.9	48.3	48.4	19.2	19.5	20.0
<b>Montana</b> .....	16.4	17.0	17.5	103.9	107.2	112.3	77.4	78.6	78.9
<b>Nebraska</b> .....	54.9	58.0	60.9	228.9	238.2	243.2	152.2	150.9	152.1
Lincoln .....	9.2	10.0	10.8	37.8	39.5	41.1	35.1	33.0	33.7
Omaha .....	32.8	34.0	35.9	131.1	134.0	136.3	51.3	50.7	50.1
<b>Nevada</b> .....	40.3	43.2	44.1	381.0	392.4	425.6	106.5	111.8	117.5
Las Vegas .....	30.4	32.5	33.7	284.2	293.2	322.3	65.9	70.8	75.1
Reno .....	8.0	8.4	8.1	68.6	70.4	73.2	23.0	23.6	23.8
<b>New Hampshire</b> .....	29.8	31.4	32.6	165.0	172.8	177.7	78.8	79.8	81.4
Manchester .....	7.3	7.5	7.9	30.9	32.0	33.2	10.6	10.9	11.0
Nashua .....	4.7	5.1	5.1	23.2	23.5	24.1	8.3	8.4	8.5
Portsmouth-Rochester .....	6.3	6.5	6.5	30.4	31.6	32.5	21.5	21.2	21.6
<b>New Jersey</b> .....	239.6	248.1	256.5	1,172.8	1,221.2	1,262.1	570.3	570.4	571.1
Atlantic-Cape May .....	6.1	5.9	6.0	87.8	89.8	90.6	28.7	28.7	28.9
Bergen-Passaic .....	34.6	37.1	38.2	193.2	204.0	212.3	71.4	70.5	70.4
Camden .....	22.7	24.8	27.1	145.9	152.4	156.3	78.3	79.3	78.9
Jersey City .....	25.9	26.7	28.1	58.3	59.4	60.6	39.0	38.2	38.4
Middlesex-Somerset-Hunterdon .....	45.3	45.8	47.1	181.0	190.1	199.9	76.7	77.8	79.2
Monmouth-Ocean .....	18.1	18.5	18.7	122.2	128.0	133.1	63.9	64.0	64.1
Newark .....	71.8	74.4	76.4	296.9	306.6	315.8	142.6	142.0	141.6
Trenton .....	11.2	11.2	11.2	70.2	73.4	75.4	52.3	51.8	51.5
Vineland-Millville-Bridgeton .....	3.2	2.9	2.9	12.5	12.8	13.2	13.0	13.8	14.0
<b>New Mexico</b> .....	31.4	32.2	33.0	195.5	202.8	210.8	177.0	178.5	180.3
Albuquerque .....	16.8	17.5	19.1	104.7	107.2	110.7	64.2	65.8	66.5
Las Cruces .....	2.0	2.0	2.1	11.0	12.8	14.5	19.6	18.7	18.4
Santa Fe .....	3.2	3.5	3.6	21.0	21.9	22.1	24.9	25.1	25.6

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Total			Mining			Construction		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>New York</b> .....	8,067.1	8,236.7	8,453.7	4.5	4.5	4.5	264.9	283.5	311.0
Albany-Schenectady-Troy .....	432.4	439.7	451.5	.5	.5	.5	15.0	16.2	17.5
Binghamton .....	113.1	114.3	117.7	(1)	(1)	(1)	3.8	3.9	4.4
Buffalo-Niagara Falls .....	544.3	545.6	554.3	(1)	(1)	(1)	20.1	19.6	21.0
Dutchess County .....	107.1	108.9	113.1	(1)	(1)	(1)	4.3	4.3	4.7
Elmira .....	42.8	43.8	44.4	(1)	(1)	(1)	1.6	1.8	2.0
Glens Falls .....	49.4	49.9	50.8	(1)	(1)	(1)	1.9	2.0	2.2
Nassau-Suffolk .....	1,121.1	1,148.4	1,191.4	(1)	(1)	(1)	48.9	53.1	58.9
New York PMSA .....	3,952.5	4,050.1	4,156.4	(1)	(1)	(1)	118.2	128.7	143.6
New York City .....	3,441.9	3,528.0	3,617.0	.3	.3	.3	93.8	102.4	113.6
Newburgh .....	121.1	124.3	129.1	(1)	(1)	(1)	4.2	4.4	4.9
Rochester .....	531.5	539.6	550.0	.4	.4	.4	17.5	18.6	19.9
Rockland County .....	100.6	104.7	109.2	(1)	(1)	(1)	3.8	4.3	4.7
Syracuse .....	335.8	340.1	348.3	(1)	(1)	(1)	12.8	13.3	14.1
Utica-Rome .....	127.1	129.9	134.7	(1)	(1)	(1)	3.4	3.5	3.6
Westchester County .....	389.5	396.0	407.5	(1)	(1)	(1)	18.7	20.1	23.0
<b>North Carolina</b> .....	3,663.2	3,773.8	3,866.1	4.0	4.0	4.0	203.8	214.7	224.2
Asheville .....	107.8	110.4	111.2	(1)	(1)	(1)	5.9	6.4	6.9
Charlotte-Gastonia-Rock Hill .....	753.7	779.2	812.7	(1)	(1)	(1)	46.2	47.5	51.7
Greensboro-Winston-Salem-High Point .....	632.4	647.8	664.0	(1)	(1)	(1)	31.2	33.1	34.8
Raleigh-Durham-Chapel Hill .....	613.7	645.4	667.6	(1)	(1)	(1)	34.4	37.5	40.3
<b>North Dakota</b> .....	314.1	319.5	323.4	4.2	3.9	3.5	15.0	15.6	16.8
Bismarck .....	48.7	49.7	50.9	(1)	(1)	(1)	2.6	2.7	2.8
Fargo-Moorhead .....	96.0	99.1	100.3	(1)	(1)	(1)	5.5	5.8	5.9
Grand Forks .....	47.4	48.2	48.2	(1)	(1)	(1)	2.7	3.1	3.0
<b>Ohio</b> .....	5,392.4	5,482.2	5,548.0	13.4	13.3	13.1	223.1	230.4	236.2
Akron .....	322.1	324.6	329.9	.5	.6	.6	13.0	13.7	14.0
Canton-Massillon .....	180.7	183.9	184.7	.6	.6	.5	8.4	9.1	8.9
Cincinnati .....	843.8	861.1	874.4	.7	.7	.7	39.0	39.4	40.5
Cleveland-Lorain-Elyria .....	1,137.3	1,154.7	1,169.3	.9	.8	.8	44.2	45.0	45.6
Columbus .....	818.1	840.0	857.9	.6	.7	.7	34.7	35.9	38.1
Dayton-Springfield .....	474.8	477.5	478.5	.4	.4	.3	17.0	17.7	17.9
Hamilton-Middletown .....	118.9	124.2	128.2	(1)	(1)	(1)	6.8	7.6	8.3
Lima .....	77.1	78.1	80.0	(1)	(1)	(1)	3.7	3.9	3.9
Mansfield .....	80.1	80.1	81.4	(1)	(1)	(1)	2.6	2.7	2.6
Steubenville-Weirton .....	49.1	51.4	50.7	.4	.4	.4	1.7	1.8	1.8
Toledo .....	317.3	321.8	327.7	.2	.2	.2	15.0	15.4	16.6
Youngstown-Warren .....	245.8	247.1	247.9	.5	.5	.5	10.0	10.4	11.0
<b>Oklahoma</b> .....	1,392.5	1,441.2	1,461.8	32.1	31.9	28.3	51.2	54.8	57.9
Enid .....	24.3	24.7	24.3	1.1	.8	.7	1.0	1.0	.9
Lawton .....	37.5	37.8	38.2	.1	.1	.1	1.2	1.4	1.5
Oklahoma City .....	499.9	515.3	529.8	7.2	7.1	6.2	18.9	20.1	21.2
Tulsa .....	373.7	391.9	394.2	7.7	7.8	7.4	14.8	16.5	18.1
<b>Oregon</b> .....	1,526.4	1,551.8	1,572.4	1.8	1.8	1.8	81.5	81.6	82.9
Eugene-Springfield .....	136.8	139.7	141.6	.2	.2	.2	7.3	7.1	7.2
Medford-Ashland .....	68.0	69.6	71.3	.1	.1	.1	3.2	3.3	3.4
Portland-Vancouver .....	916.7	932.9	945.8	1.1	1.2	1.2	54.0	53.2	52.2
Salem .....	131.4	134.4	135.8	.3	.3	.3	7.5	7.5	7.6
<b>Pennsylvania</b> .....	5,406.5	5,494.9	5,576.8	20.4	20.8	20.5	213.0	221.3	235.7
Allentown Bethlehem-Easton .....	266.6	273.3	277.5	(2)	(2)	(2)	10.5	11.1	12.3
Altoona .....	58.0	58.8	60.6	(1)	(1)	(1)	2.5	2.7	2.9
Erie .....	129.0	130.8	133.9	(1)	(1)	(1)	4.4	4.6	4.9
Harrisburg-Lebanon-Carlisle .....	350.9	357.3	358.2	(1)	(1)	(1)	13.0	13.8	14.0
Johnstown .....	87.2	87.0	88.1	(1)	(1)	(1)	4.5	4.5	4.5
Lancaster .....	213.0	217.1	221.4	.4	.4	.4	12.1	12.7	13.7
Philadelphia PMSA .....	2,264.7	2,322.2	2,365.8	(1)	(1)	(1)	87.2	90.6	94.4
Philadelphia City .....	667.5	675.3	685.3	(1)	(1)	(1)	11.1	11.5	12.5
Pittsburgh .....	1,074.9	1,090.7	1,102.9	4.5	4.6	4.6	49.1	50.4	54.9
Reading .....	164.8	166.0	167.6	(1)	(1)	(1)	7.1	7.1	7.3
Scranton-Wilkes-Barre-Hazleton .....	274.7	277.2	278.1	.4	.4	.4	10.5	10.5	10.9
Sharon .....	47.4	49.4	49.7	(1)	(1)	(1)	1.5	1.6	1.7
State College .....	67.1	67.9	68.5	(1)	(1)	(1)	2.3	2.3	2.4
Williamsport .....	53.2	53.7	54.1	(1)	(1)	(1)	2.2	2.2	2.2
York .....	162.6	164.4	166.9	.4	.4	.4	8.2	8.7	9.3

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>New York</b> .....	920.8	911.7	893.0	407.8	412.8	419.0	1,641.1	1,662.6	1,710.3
Albany-Schenectady-Troy .....	38.6	39.1	38.5	17.1	17.2	17.8	91.9	91.9	94.6
Binghamton .....	24.8	25.1	24.9	4.9	5.0	5.1	24.0	24.2	24.8
Buffalo-Niagara Falls .....	89.2	88.5	86.8	25.5	25.9	26.1	130.4	129.2	129.9
Dutchess County .....	17.6	17.7	17.2	3.7	4.0	4.2	20.3	20.6	21.6
Elmira .....	9.7	9.8	9.5	1.5	1.6	1.5	10.5	10.3	10.3
Glens Falls .....	8.3	8.1	7.8	1.5	1.5	1.6	11.5	11.5	11.8
Nassau-Suffolk .....	112.4	113.1	113.6	51.9	53.3	55.7	289.6	293.4	304.3
New York PMSA .....	317.2	310.2	302.1	232.4	233.3	234.3	689.2	704.5	727.6
New York City .....	264.8	259.1	252.1	205.5	206.2	206.7	577.7	589.8	610.1
Newburgh .....	11.9	12.0	11.5	6.7	7.2	7.5	33.5	34.3	35.3
Rochester .....	127.6	123.3	118.0	16.6	17.4	18.2	111.6	114.3	118.1
Rockland County .....	12.1	11.7	11.6	6.2	6.0	6.0	22.4	24.2	25.2
Syracuse .....	49.1	50.4	51.0	19.3	19.6	20.5	78.2	77.6	79.3
Utica-Rome .....	19.7	20.1	19.7	3.9	3.7	4.2	26.5	26.4	27.9
Westchester County .....	38.5	37.5	36.5	20.0	20.5	20.8	84.9	86.2	87.9
<b>North Carolina</b> .....	833.7	824.2	802.7	170.3	172.2	176.5	838.7	851.1	872.8
Asheville .....	19.8	19.4	18.4	4.6	4.8	5.1	27.0	27.2	26.6
Charlotte-Gastonia-Rock Hill .....	144.4	140.9	138.1	53.4	52.3	54.4	181.6	185.0	193.7
Greensboro-Winston-Salem-High Point .....	164.6	162.3	158.6	33.0	34.6	35.0	143.9	145.1	148.4
Raleigh-Durham-Chapel Hill .....	82.5	84.2	83.8	26.5	28.4	29.6	130.9	135.8	140.7
<b>North Dakota</b> .....	23.4	24.0	24.0	18.0	18.0	18.4	80.6	81.3	81.2
Bismarck .....	2.7	2.8	3.0	3.1	3.1	3.2	12.1	12.2	12.3
Fargo-Moorhead .....	8.1	8.0	8.0	5.3	5.1	5.1	27.2	28.1	28.4
Grand Forks .....	3.6	3.6	3.9	2.2	2.1	2.0	12.7	13.0	13.0
<b>Ohio</b> .....	1,091.8	1,096.6	1,087.7	234.3	242.4	245.0	1,309.7	1,322.9	1,333.7
Akron .....	65.0	65.4	65.1	14.7	14.9	15.1	80.3	80.5	82.4
Canton-Massillon .....	46.3	47.4	46.9	5.2	5.1	5.0	45.1	45.0	45.6
Cincinnati .....	140.3	142.2	140.9	44.8	46.9	48.5	216.8	218.4	220.6
Cleveland-Lorain-Elyria .....	223.1	223.9	222.5	45.4	46.3	46.5	270.7	273.5	276.1
Columbus .....	93.1	93.6	93.0	36.7	38.9	40.3	214.1	218.4	221.9
Dayton-Springfield .....	99.9	98.8	95.8	20.7	21.4	21.4	109.7	109.6	110.5
Hamilton-Middletown .....	21.6	22.4	23.1	4.9	4.8	4.9	32.2	33.2	33.5
Lima .....	19.5	19.9	20.1	3.1	3.2	3.3	18.2	18.3	18.4
Mansfield .....	23.0	23.1	23.1	3.6	3.5	3.4	18.2	18.3	18.5
Steubenville-Weirton .....	12.2	13.7	13.4	2.7	2.7	2.6	10.7	10.7	10.4
Toledo .....	60.9	61.0	61.3	13.8	14.7	15.3	78.9	79.2	80.2
Youngstown-Warren .....	58.5	56.4	54.6	10.4	10.5	10.1	62.3	62.4	62.7
<b>Oklahoma</b> .....	180.9	185.9	183.9	79.1	82.0	81.8	324.6	332.2	337.1
Enid .....	2.1	2.3	2.5	2.1	2.2	2.2	6.1	6.2	6.3
Lawton .....	3.7	3.8	3.8	1.7	1.6	1.6	9.1	9.1	9.0
Oklahoma City .....	53.3	55.0	56.5	23.9	24.3	24.7	119.0	121.4	123.7
Tulsa .....	56.8	58.2	55.8	29.8	32.4	32.5	88.3	91.4	91.5
<b>Oregon</b> .....	243.6	246.1	240.8	74.9	76.2	77.7	377.5	383.4	387.9
Eugene-Springfield .....	21.4	22.2	22.9	4.6	4.6	4.3	34.4	34.8	35.5
Medford-Ashland .....	9.3	9.2	9.0	3.3	3.7	3.7	20.1	20.4	20.8
Portland-Vancouver .....	147.3	149.2	145.1	52.4	53.9	55.1	227.7	231.3	234.7
Salem .....	17.9	18.3	17.7	3.6	3.9	4.0	27.8	28.4	28.6
<b>Pennsylvania</b> .....	938.1	943.2	930.8	278.9	287.2	292.8	1,217.0	1,228.6	1,250.4
Allentown Bethlehem-Easton .....	57.0	56.2	55.1	15.5	16.0	16.1	56.8	58.3	59.2
Altoona .....	10.1	10.2	10.5	4.3	4.3	4.3	15.5	15.7	16.1
Erie .....	34.1	34.4	34.4	4.9	4.8	4.8	29.0	29.3	30.3
Harrisburg-Lebanon-Carlisle .....	45.6	46.9	44.9	23.1	24.0	24.4	78.2	79.6	80.8
Johnstown .....	12.9	13.1	13.3	5.2	5.2	5.3	20.5	20.2	20.7
Lancaster .....	57.2	57.5	57.3	8.1	8.2	8.4	53.1	54.2	55.1
Philadelphia PMSA .....	305.7	306.1	303.2	107.0	110.3	113.5	499.0	507.7	517.5
Philadelphia City .....	58.7	57.8	56.9	33.6	34.2	35.3	110.3	113.5	117.6
Pittsburgh .....	137.3	140.0	137.9	66.4	67.6	69.0	256.8	257.1	259.5
Reading .....	44.2	42.8	42.0	8.0	8.5	8.8	38.7	38.6	39.0
Scranton-Wilkes-Barre-Hazleton .....	54.9	54.9	53.8	15.4	16.1	16.4	66.0	66.1	66.1
Sharon .....	11.1	12.1	11.5	1.9	2.0	1.9	12.3	12.5	12.8
State College .....	8.6	8.7	8.4	2.1	2.1	2.2	12.8	12.8	13.1
Williamsport .....	13.2	13.5	13.6	2.0	2.1	2.0	13.0	13.1	13.0
York .....	47.9	47.4	46.4	7.8	8.4	8.3	39.0	39.7	40.5

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Finance, insurance, and real estate			Services			Government		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>New York</b> .....	722.1	735.7	748.4	2,699.1	2,802.1	2,926.1	1,406.9	1,424.0	1,441.5
Albany-Schenectady-Troy .....	25.3	25.7	26.1	134.8	139.8	146.1	109.0	109.4	110.4
Binghamton .....	3.7	3.8	4.2	30.3	30.5	32.3	21.6	21.9	22.0
Buffalo-Niagara Falls .....	29.0	29.6	30.7	163.0	165.3	171.9	87.0	87.5	88.0
Dutchess County .....	4.6	4.6	5.0	34.0	35.3	38.3	22.6	22.4	22.1
Elmira .....	1.3	1.2	1.3	10.9	11.8	12.6	7.4	7.4	7.4
Glens Falls .....	2.1	2.2	2.5	14.4	14.6	14.9	9.8	10.0	10.1
Nassau-Suffolk .....	78.9	79.8	84.2	360.6	373.6	388.7	178.7	182.1	186.0
New York PMSA .....	506.4	517.0	522.6	1,454.8	1,511.5	1,575.3	634.2	644.8	650.8
New York City .....	473.4	483.4	488.1	1,274.9	1,325.5	1,379.5	551.5	561.5	566.6
Newburgh .....	5.5	5.8	6.0	31.7	33.2	36.0	27.5	27.5	27.9
Rochester .....	21.3	21.0	21.1	157.7	163.8	171.8	78.7	80.8	82.5
Rockland County .....	5.0	5.2	5.7	31.8	34.0	36.8	19.4	19.2	19.3
Syracuse .....	17.8	17.9	18.2	97.5	100.2	104.9	61.1	61.1	60.4
Utica-Rome .....	7.7	8.2	8.0	38.1	39.9	43.0	27.8	28.2	28.4
Westchester County .....	26.7	26.9	27.6	141.7	145.0	151.2	59.1	59.8	60.4
<b>North Carolina</b> .....	167.3	179.1	185.5	869.0	934.8	993.7	576.3	593.6	606.7
Asheville .....	3.3	3.6	4.1	31.8	33.1	34.4	15.4	15.9	15.8
Charlotte-Gastonia-Rock Hill .....	54.2	60.9	65.1	185.8	201.1	215.1	88.1	91.4	94.7
Greensboro-Winston-Salem-High Point .....	32.4	34.3	35.3	161.1	169.5	180.1	66.2	69.1	71.8
Raleigh-Durham-Chapel Hill .....	29.2	30.2	31.7	189.8	205.2	216.4	120.5	124.2	125.2
<b>North Dakota</b> .....	14.8	15.8	16.3	87.5	89.8	91.7	70.8	71.1	71.5
Bismarck .....	2.3	2.4	2.4	15.7	16.1	16.7	10.2	10.4	10.5
Fargo-Moorhead .....	6.1	6.8	7.0	29.4	30.4	30.9	14.4	14.8	15.0
Grand Forks .....	1.5	1.5	1.4	12.2	12.5	12.5	12.4	12.4	12.3
<b>Ohio</b> .....	288.6	300.1	307.3	1,473.7	1,513.2	1,551.9	757.9	763.4	773.3
Akron .....	13.0	13.3	13.7	88.6	88.9	92.0	47.2	47.3	47.1
Canton-Massillon .....	5.9	6.4	6.6	49.6	50.5	50.7	19.7	19.9	20.4
Cincinnati .....	52.9	54.8	55.0	250.0	258.1	266.4	99.3	100.6	101.7
Cleveland-Lorain-Elyria .....	74.2	76.4	79.6	336.0	345.6	353.0	142.8	143.1	145.2
Columbus .....	72.2	75.6	77.8	230.1	239.4	247.2	136.6	137.7	138.9
Dayton-Springfield .....	18.1	18.9	18.8	137.5	140.2	142.5	71.6	70.7	71.3
Hamilton-Middletown .....	6.4	6.8	7.7	27.0	29.1	30.2	20.0	20.4	20.6
Lima .....	2.1	2.1	2.1	20.3	20.3	21.7	10.4	10.4	10.5
Mansfield .....	2.8	2.6	2.5	19.4	19.3	20.0	10.5	10.7	11.3
Steubenville-Weirton .....	1.5	1.5	1.4	13.5	14.3	14.3	6.4	6.4	6.4
Toledo .....	11.0	11.1	11.2	90.8	93.1	95.7	46.7	47.0	47.2
Youngstown-Warren .....	9.4	9.4	9.4	64.1	66.3	68.1	30.6	31.3	31.6
<b>Oklahoma</b> .....	69.5	72.0	73.2	379.0	404.2	417.1	276.2	278.2	282.5
Enid .....	1.0	1.1	1.1	6.9	7.0	6.6	4.1	4.0	4.0
Lawton .....	1.7	1.8	1.7	8.3	8.4	8.8	11.8	11.7	11.7
Oklahoma City .....	28.7	29.5	30.0	146.6	156.0	163.4	102.4	102.0	104.1
Tulsa .....	20.1	20.7	21.7	114.3	122.5	124.4	41.9	42.5	42.8
<b>Oregon</b> .....	94.8	95.2	95.4	402.8	412.1	425.4	249.5	255.3	260.5
Eugene-Springfield .....	7.2	7.2	7.3	36.9	38.3	38.7	24.8	25.3	25.7
Medford-Ashland .....	3.1	3.1	3.2	18.4	19.1	19.8	10.5	10.9	11.3
Portland-Vancouver .....	66.7	67.1	66.6	252.5	259.3	268.2	114.8	117.8	122.7
Salem .....	6.6	6.8	6.9	31.0	31.8	32.3	36.7	37.5	38.6
<b>Pennsylvania</b> .....	312.8	319.0	323.7	1,714.6	1,768.7	1,812.7	711.8	706.0	710.1
Allentown Bethlehem-Easton .....	13.2	14.0	14.7	83.2	87.0	89.2	30.4	30.8	31.0
Altoona .....	1.8	1.7	1.8	15.7	16.0	16.6	8.0	8.2	8.5
Erie .....	5.4	5.4	5.5	36.1	36.7	38.7	15.3	15.5	15.5
Harrisburg-Lebanon-Carlisle .....	25.6	25.1	24.4	96.0	101.4	103.2	69.4	66.5	66.5
Johnstown .....	4.2	4.1	4.0	26.0	25.9	26.1	13.9	14.1	14.3
Lancaster .....	9.3	9.8	10.2	54.5	56.1	57.5	18.3	18.4	18.8
Philadelphia PMSA .....	157.9	162.3	163.3	812.5	852.5	880.2	295.5	292.7	293.7
Philadelphia City .....	53.0	52.3	50.0	282.2	289.3	295.3	118.7	116.8	117.7
Pittsburgh .....	62.7	65.4	66.7	373.6	382.8	388.2	124.6	122.6	122.1
Reading .....	8.5	8.2	8.4	39.8	42.1	43.3	18.6	18.7	18.9
Scranton-Wilkes-Barre-Hazleton .....	13.8	13.9	13.9	78.9	80.5	81.7	34.9	34.8	34.9
Sharon .....	1.5	1.5	1.5	13.5	14.1	14.7	5.6	5.6	5.6
State College .....	2.0	2.1	2.2	14.0	14.4	14.4	25.3	25.6	25.9
Williamsport .....	2.1	2.1	2.3	14.5	14.5	14.7	6.2	6.2	6.3
York .....	5.1	5.2	5.3	38.2	38.8	40.8	16.1	15.8	16.0

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Total			Mining			Construction		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Rhode Island</b> .....	450.0	458.0	464.4	0.2	0.2	0.2	14.6	15.9	17.6
Providence-Fall River-Warwick .....	505.7	514.8	518.6	.2	.3	.3	16.2	17.6	18.9
<b>South Carolina</b> .....	1,720.2	1,783.3	1,832.5	1.9	1.8	1.9	99.8	106.8	114.0
Charleston-North Charleston .....	221.8	234.1	243.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.9	17.6	18.8
Columbia .....	280.8	292.1	300.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.5	15.9	17.2
Greenville-Spartanburg-Anderson .....	457.5	471.5	477.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	29.8	31.0	32.1
<b>South Dakota</b> .....	354.9	363.2	372.9	2.2	1.7	1.2	15.2	16.1	17.0
Rapid City .....	46.4	48.1	49.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.0	3.2
Sioux Falls .....	102.1	106.2	111.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.8	5.2	5.5
<b>Tennessee</b> .....	2,584.0	2,638.5	2,674.2	4.6	4.3	4.3	118.1	120.9	123.8
Chattanooga .....	219.6	221.1	228.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.2	9.7	9.8
Johnson City-Kingsport-Bristol .....	199.0	197.0	198.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.0	11.1	11.4
Knoxville .....	318.8	326.7	331.0	.6	.6	.6	15.8	16.4	16.6
Memphis .....	563.3	576.5	586.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.0	26.3	26.9
Nashville .....	630.2	651.7	665.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	31.1	32.2	33.0
<b>Texas</b> .....	8,608.0	8,940.1	9,155.4	165.4	166.6	146.3	460.3	496.3	527.9
Abilene .....	55.4	56.6	56.1	1.7	1.3	.8	2.2	2.3	2.4
Amarillo .....	93.5	96.1	97.6	.7	.7	.6	4.7	4.7	5.3
Austin-San Marcos .....	566.3	600.7	633.5	1.3	1.3	1.3	29.8	33.1	36.8
Beaumont-Port Arthur .....	157.2	160.3	159.0	.8	.9	.9	15.3	16.4	16.1
Brazoria .....	73.3	75.3	74.5	1.4	1.5	1.3	9.6	10.8	9.7
Brownsville-Harlingen-San Benito .....	97.4	99.6	103.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	3.7	3.7
Bryan-College Station .....	68.0	71.9	74.0	.9	.9	.7	2.9	3.0	3.4
Corpus Christi .....	153.9	156.6	158.1	2.5	2.4	2.1	12.3	12.2	12.7
Dallas .....	1,756.8	1,840.7	1,905.7	11.7	11.2	10.1	82.4	90.1	98.3
El Paso .....	243.2	248.0	251.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.6	11.7	12.7
Ft. Worth-Arlington .....	708.0	739.9	765.3	4.4	4.7	4.2	35.3	38.3	41.0
Galveston-Texas City .....	87.4	89.2	88.6	.8	.7	.5	4.4	4.5	4.6
Houston .....	1,894.4	1,992.5	2,028.7	67.4	69.5	63.3	127.0	138.4	147.0
Killeen Temple .....	97.2	99.9	101.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.4	4.6
Laredo .....	60.4	63.6	65.2	3.2	2.4	1.1	2.1	2.3	2.5
Longview-Marshall .....	88.5	90.5	90.5	3.4	3.6	3.1	4.3	4.1	4.6
Lubbock .....	113.1	115.3	117.6	.1	.1	.1	4.2	4.3	4.4
McAllen-Edinburg-Mission .....	133.9	139.9	146.3	1.1	1.2	1.2	6.9	7.0	7.8
Odessa Midland .....	103.5	107.6	100.2	13.2	13.2	10.8	5.6	7.5	5.6
San Angelo .....	43.5	43.8	43.2	.7	.7	.6	1.9	1.9	2.1
San Antonio .....	661.5	682.1	703.0	1.9	1.9	2.0	34.2	35.7	37.8
Sherman-Denison .....	43.9	44.3	45.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.4	2.7
Texarkana .....	50.8	51.1	52.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.1	2.1
Tyler .....	76.7	79.3	80.8	1.6	1.6	1.3	2.9	3.2	3.5
Victoria .....	35.3	36.2	36.4	1.6	1.8	1.6	2.4	2.4	2.5
Waco .....	94.8	97.0	100.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	4.7	5.3
Wichita Falls .....	59.7	59.9	59.1	1.2	1.1	.9	2.5	2.5	2.2
<b>Utah</b> .....	993.8	1,023.3	1,049.8	8.3	8.2	7.8	64.4	68.2	72.9
Provo-Orem .....	135.3	141.7	146.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.2	9.9	10.4
Salt Lake City-Ogden .....	668.8	687.0	703.2	3.0	2.9	2.9	43.1	44.9	47.7
<b>Vermont</b> .....	279.2	284.8	290.3	.6	.6	.6	12.9	13.8	14.6
Barre-Montpelier .....	30.2	31.0	32.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.5	1.5
Burlington .....	98.4	101.6	104.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.8	5.1	5.6
<b>Virginia</b> .....	3,231.8	3,320.0	3,407.5	11.3	10.7	10.1	186.1	189.0	197.3
Bristol .....	37.4	37.8	38.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.5	1.5
Charlottesville .....	80.7	83.7	85.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	4.4	4.7
Danville .....	45.5	45.7	46.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.4	2.3
Lynchburg .....	96.9	98.8	101.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.8	5.8	6.0
Norfolk-Virginia Beach-Newport News .....	667.2	682.5	688.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	40.5	40.4	41.0
Northern Virginia .....	999.5	1,037.7	1,083.1	.7	.8	.8	55.9	58.6	62.8
Richmond-Petersburg .....	524.8	535.5	547.5	.7	.8	.9	33.2	33.0	34.2
Roanoke .....	140.8	143.3	143.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.4	8.7	9.0
<b>Washington</b> .....	2,514.2	2,594.9	2,642.6	3.5	3.3	3.4	136.3	143.9	153.2
Seattle-Bellevue-Everett .....	1,294.0	1,353.9	1,382.4	.7	.7	.7	66.5	73.0	78.4
Spokane .....	184.7	188.1	189.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.5	10.3	10.9
Tacoma .....	229.5	235.4	239.3	.2	.2	.2	12.6	13.5	14.9

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Rhode Island</b> .....	79.8	78.0	74.7	15.4	16.1	16.0	98.4	99.3	104.0
Providence-Fall River-Warwick .....	101.9	99.7	96.4	17.6	18.1	18.0	115.6	116.7	120.2
<b>South Carolina</b> .....	362.7	362.1	344.8	75.3	76.4	87.7	412.3	426.5	440.5
Charleston-North Charleston .....	21.5	22.3	22.2	12.3	12.8	13.1	55.1	58.2	61.0
Columbia .....	25.7	26.7	27.1	12.6	13.1	13.5	65.0	67.0	68.5
Greenville-Spartanburg-Anderson .....	122.6	121.5	118.7	20.6	20.4	20.2	116.1	120.8	122.9
<b>South Dakota</b> .....	49.4	49.7	50.1	16.3	16.5	16.7	88.3	89.4	90.9
Rapid City .....	4.4	4.5	4.5	1.9	2.0	2.1	13.9	14.1	14.4
Sioux Falls .....	13.9	14.2	14.7	6.6	6.7	6.7	25.9	26.7	27.4
<b>Tennessee</b> .....	517.6	514.7	509.1	150.8	162.3	171.4	610.2	620.5	628.1
Chattanooga .....	42.7	43.3	44.0	11.5	13.5	18.7	51.1	49.2	48.9
Johnson City-Kingsport-Bristol .....	52.7	50.1	48.3	7.9	7.8	8.1	45.0	45.5	45.8
Knoxville .....	49.1	49.3	49.4	14.3	14.6	14.7	85.1	87.7	88.3
Memphis .....	64.0	63.6	63.3	63.9	68.3	70.1	141.8	143.5	146.1
Nashville .....	96.3	95.4	96.2	31.1	33.0	34.3	152.6	157.7	160.8
<b>Texas</b> .....	1,083.9	1,107.2	1,085.6	513.6	544.1	562.1	2,048.0	2,113.6	2,178.6
Abilene .....	3.3	3.5	3.6	2.5	2.5	2.6	14.5	14.9	14.7
Amarillo .....	9.3	9.4	9.1	5.5	5.4	5.3	26.3	26.9	27.1
Austin-San Marcos .....	76.6	80.8	80.0	18.7	19.8	21.5	121.7	129.8	141.0
Beaumont-Port Arthur .....	24.8	25.6	24.6	8.2	8.1	7.8	35.9	36.1	36.5
Brazoria .....	16.3	15.7	14.5	2.7	2.8	2.8	14.4	14.9	15.5
Brownsville-Harlingen-San Benito .....	12.3	12.5	12.7	4.4	4.9	5.2	23.6	23.9	24.9
Bryan-College Station .....	4.0	4.6	5.1	1.4	1.5	1.6	14.7	15.1	15.3
Corpus Christi .....	13.3	13.3	13.4	6.5	6.7	6.7	35.9	36.3	36.8
Dallas .....	245.8	251.9	249.0	118.6	125.5	129.6	430.1	446.5	463.5
El Paso .....	43.6	42.8	39.7	13.3	13.9	14.8	57.5	58.4	59.1
Ft. Worth-Arlington .....	109.8	111.2	111.9	64.9	69.7	74.7	178.7	185.1	190.6
Galveston-Texas City .....	8.0	8.4	8.2	4.1	3.9	3.7	19.4	19.9	20.2
Houston .....	209.9	219.3	208.4	133.0	142.4	147.4	435.5	450.8	463.8
Killeen Temple .....	9.3	9.4	9.4	3.5	3.5	3.5	22.6	23.2	24.1
Laredo .....	1.5	1.7	1.9	10.0	11.0	11.8	16.2	17.0	17.4
Longview-Marshall .....	18.9	19.4	18.5	4.2	4.2	4.1	22.1	22.8	22.9
Lubbock .....	7.6	7.6	7.1	5.6	5.8	6.2	31.9	32.2	32.7
McAllen-Edinburg-Mission .....	12.9	12.5	12.7	4.8	5.2	5.8	37.0	38.7	39.8
Odessa Midland .....	7.4	7.5	6.5	4.2	4.1	3.9	27.5	28.2	27.3
San Angelo .....	5.3	5.0	4.7	2.4	2.8	2.8	10.3	10.3	10.2
San Antonio .....	50.1	51.7	53.7	30.8	32.7	34.1	161.1	165.5	170.6
Sherman-Denison .....	10.7	10.3	9.7	1.6	1.6	1.7	9.8	9.8	10.0
Texarkana .....	5.9	5.6	5.8	2.3	2.6	2.6	13.3	13.6	13.9
Tyler .....	11.1	10.9	11.2	3.7	3.8	3.4	19.4	20.6	22.1
Victoria .....	3.2	3.3	3.0	1.5	1.6	1.6	9.4	9.7	9.6
Waco .....	16.3	16.3	16.7	3.7	4.1	4.4	21.9	22.1	22.5
Wichita Falls .....	8.3	8.7	8.5	3.0	2.8	2.5	13.8	14.0	14.0
<b>Utah</b> .....	133.0	132.5	132.5	56.1	58.5	59.4	238.4	243.6	248.6
Provo-Orem .....	19.6	19.6	18.1	2.3	2.3	2.4	30.6	32.2	34.1
Salt Lake City-Ogden .....	82.1	83.8	84.4	44.1	46.4	47.0	162.8	165.3	167.2
<b>Vermont</b> .....	46.6	47.9	47.9	12.3	12.5	12.3	65.2	65.3	66.7
Barre-Montpelier .....	3.4	3.4	3.8	1.1	1.1	1.1	6.8	6.8	7.0
Burlington .....	17.9	18.8	18.7	4.7	4.9	5.0	22.3	22.6	22.8
<b>Virginia</b> .....	405.2	403.4	395.8	167.3	172.3	178.0	724.3	731.8	748.6
Bristol .....	9.8	9.2	9.2	1.4	1.4	1.3	10.1	10.6	10.8
Charlottesville .....	8.1	8.4	8.3	2.4	2.5	2.4	16.5	16.4	17.0
Danville .....	15.4	15.0	14.9	1.0	1.0	1.0	9.8	9.7	10.0
Lynchburg .....	25.4	25.4	25.1	3.6	3.6	3.6	20.7	20.7	21.4
Norfolk-Virginia Beach-Newport News .....	68.9	70.6	67.8	32.1	31.6	32.6	157.0	159.9	164.3
Northern Virginia .....	43.3	43.1	40.1	60.5	64.3	69.1	215.1	216.8	222.3
Richmond-Petersburg .....	61.4	61.3	60.8	27.1	27.6	27.7	123.6	124.5	126.3
Roanoke .....	19.3	19.0	19.1	8.6	8.7	8.9	36.5	36.2	36.2
<b>Washington</b> .....	370.0	379.5	363.7	132.8	135.6	139.4	607.0	622.8	635.8
Seattle-Bellevue-Everett .....	218.9	228.6	214.0	77.6	81.0	84.0	304.1	315.5	325.0
Spokane .....	22.5	22.2	21.8	7.8	7.9	8.0	46.6	48.1	48.3
Tacoma .....	25.4	25.6	24.5	9.6	9.4	9.5	57.2	58.4	58.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Finance, insurance, and real estate			Services			Government		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Rhode Island</b> .....	26.8	28.5	29.6	151.7	157.1	159.0	63.2	62.9	63.2
Providence-Fall River-Warwick .....	28.7	30.2	31.0	161.0	167.4	168.6	64.6	64.8	65.2
<b>South Carolina</b> .....	74.9	79.5	81.7	394.6	420.7	447.2	298.9	309.5	314.7
Charleston-North Charleston .....	8.4	8.7	8.9	59.8	64.7	69.7	48.9	49.8	49.4
Columbia .....	20.1	21.8	22.9	69.1	72.4	75.7	72.8	75.2	75.7
Greenville-Spartanburg-Anderson .....	15.4	16.5	16.3	96.8	102.5	107.6	56.3	58.9	59.9
<b>South Dakota</b> .....	20.8	22.6	24.5	92.2	96.4	100.9	70.5	71.0	71.6
Rapid City .....	1.8	2.7	3.0	14.1	14.6	15.2	7.2	7.2	7.2
Sioux Falls .....	11.3	11.8	13.3	30.0	31.7	33.7	9.6	9.8	10.1
<b>Tennessee</b> .....	120.1	126.7	130.6	682.4	703.4	716.0	380.3	385.5	391.0
Chattanooga .....	15.3	15.9	16.5	55.1	56.8	58.0	33.7	32.8	32.7
Johnson City-Kingsport-Bristol .....	6.0	6.9	8.0	48.5	46.7	47.3	28.0	29.0	29.5
Knoxville .....	13.7	14.7	15.4	85.8	88.7	91.1	54.4	54.7	55.0
Memphis .....	27.9	28.3	28.9	162.6	167.4	169.3	78.3	79.2	81.8
Nashville .....	39.3	42.5	43.3	199.1	208.4	213.1	80.7	82.5	84.5
<b>Texas</b> .....	466.7	495.9	517.8	2,386.7	2,512.2	2,596.8	1,483.3	1,504.2	1,540.2
Abilene .....	2.4	2.5	2.5	19.0	19.5	19.7	10.0	10.1	10.0
Amarillo .....	4.8	5.2	5.5	25.8	27.3	28.0	16.5	16.7	16.9
Austin-San Marcos .....	30.1	31.9	33.4	161.9	174.3	186.1	126.4	129.9	133.5
Beaumont-Port Arthur .....	5.1	5.2	5.3	41.1	41.8	41.1	26.1	26.1	26.7
Brazoria .....	1.9	1.9	2.0	13.5	13.8	14.2	13.6	13.9	14.5
Brownsville-Harlingen-San Benito .....	3.6	3.7	3.8	27.4	27.7	29.1	22.7	23.3	23.9
Bryan-College Station .....	2.4	2.7	2.7	14.8	15.7	16.1	27.0	28.3	29.1
Corpus Christi .....	6.5	6.4	6.3	46.8	48.9	49.5	30.3	30.4	30.6
Dallas .....	139.6	150.4	155.5	532.2	563.0	589.7	196.4	202.2	209.8
El Paso .....	9.5	9.7	9.9	55.0	57.8	59.8	52.8	53.8	55.1
Ft. Worth-Arlington .....	32.3	34.5	36.2	191.7	202.8	210.0	91.0	93.7	96.8
Galveston-Texas City .....	5.5	6.0	6.2	18.5	19.1	19.9	26.6	26.8	25.4
Houston .....	100.2	106.9	113.2	570.2	608.8	621.3	251.4	256.4	264.3
Killeen Temple .....	4.1	4.2	4.4	26.5	27.4	27.9	27.1	27.8	28.0
Laredo .....	2.3	2.4	2.5	11.0	12.3	12.9	14.1	14.6	15.3
Longview-Marshall .....	3.3	3.6	3.7	20.8	21.5	22.1	11.5	11.4	11.6
Lubbock .....	5.5	5.8	6.0	33.7	34.6	35.5	24.6	25.0	25.6
McAllen-Edinburg-Mission .....	4.9	5.1	5.3	30.5	32.7	34.6	35.8	37.7	39.1
Odessa Midland .....	3.6	3.9	3.9	24.4	25.3	23.9	17.5	18.0	18.3
San Angelo .....	1.7	1.8	1.8	12.5	12.5	12.2	8.8	8.9	8.9
San Antonio .....	43.8	45.8	49.1	205.9	214.8	222.3	133.7	134.1	133.5
Sherman-Denison .....	2.1	2.5	2.7	11.9	11.9	12.1	5.7	5.8	6.0
Texarkana .....	1.7	1.7	1.8	13.9	14.2	14.8	11.6	11.3	11.3
Tyler .....	4.0	4.1	4.1	23.1	23.9	23.8	11.0	11.2	11.4
Victoria .....	1.6	1.5	1.5	9.4	9.7	10.1	6.1	6.4	6.5
Waco .....	5.7	6.0	6.5	27.8	28.9	29.9	15.0	15.0	15.0
Wichita Falls .....	2.2	2.3	2.3	16.2	16.1	15.9	12.6	12.5	12.7
<b>Utah</b> .....	52.5	55.4	56.9	268.8	280.4	292.8	172.3	176.7	178.9
Provo-Orem .....	3.9	4.3	4.5	51.2	54.2	57.4	18.5	19.2	19.4
Salt Lake City-Ogden .....	43.4	45.4	46.7	179.5	185.0	192.6	110.8	113.3	114.8
<b>Vermont</b> .....	12.2	12.2	12.6	83.7	86.3	88.4	45.7	46.2	47.3
Barre-Montpelier .....	2.6	2.4	2.5	8.1	8.5	8.7	6.9	7.3	7.6
Burlington .....	4.8	4.9	5.3	28.7	29.9	30.9	15.2	15.4	15.8
<b>Virginia</b> .....	168.6	176.3	183.7	972.5	1,034.5	1,084.0	596.6	602.0	610.1
Bristol .....	1.2	1.3	1.2	7.7	8.3	8.8	5.6	5.7	5.8
Charlottesville .....	4.1	4.6	4.8	19.8	20.8	21.7	25.4	26.6	26.4
Danville .....	1.4	1.4	1.5	9.5	10.2	10.4	5.9	6.0	6.0
Lynchburg .....	4.2	4.4	4.3	24.4	26.1	28.2	12.8	12.8	13.3
Norfolk-Virginia Beach-Newport News .....	31.0	33.1	35.0	195.7	203.0	204.4	142.1	143.8	143.7
Northern Virginia .....	55.5	58.7	60.4	389.4	416.6	444.8	179.2	178.9	182.9
Richmond-Petersburg .....	44.2	45.4	48.2	134.6	141.2	146.4	99.8	101.6	103.0
Roanoke .....	9.3	9.8	10.2	41.0	43.1	42.6	17.7	17.8	17.5
<b>Washington</b> .....	127.7	134.6	138.0	678.9	709.3	736.1	458.0	465.9	473.0
Seattle-Bellevue-Everett .....	76.7	81.5	84.6	371.5	390.8	408.7	178.1	183.0	187.0
Spokane .....	10.7	10.9	11.1	56.0	57.6	57.9	30.5	31.1	31.8
Tacoma .....	12.0	12.6	12.8	65.2	67.7	69.5	47.3	48.2	49.1

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Total			Mining			Construction		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>West Virginia</b> .....	707.8	719.2	725.7	24.6	23.7	21.4	34.9	34.2	33.5
Charleston .....	130.4	132.9	135.6	1.9	2.0	2.2	7.1	7.1	6.9
Huntington-Ashland .....	121.0	122.5	123.2	1.5	1.3	1.0	5.9	5.7	5.5
Parkersburg-Marietta .....	69.1	69.4	70.0	.3	.3	.3	4.6	4.3	4.0
Wheeling .....	65.0	66.3	66.6	1.6	1.7	1.7	2.4	2.5	2.6
<b>Wisconsin</b> .....	2,655.7	2,718.0	2,776.9	2.6	2.8	2.8	108.3	113.0	121.1
Appleton-Oshkosh-Neenah .....	192.6	197.3	202.3	(1)	(1)	(1)	10.7	10.8	11.9
Eau Claire .....	71.8	74.1	76.5	(1)	(1)	(1)	2.9	3.2	3.3
Green Bay .....	133.8	137.7	144.2	(1)	(1)	(1)	6.5	6.8	7.5
Janesville-Beloit .....	69.1	69.8	70.2	(1)	(1)	(1)	2.7	2.8	3.1
Kenosha .....	50.9	53.6	55.0	(1)	(1)	(1)	2.2	2.3	2.4
La Crosse .....	68.4	69.9	70.8	(1)	(1)	(1)	2.6	2.8	3.0
Madison .....	267.5	275.5	283.1	(1)	(1)	(1)	12.4	12.8	14.0
Milwaukee-Waukesha .....	827.7	846.0	863.6	(1)	(1)	(1)	30.2	31.0	33.7
Racine .....	80.2	81.5	81.9	(1)	(1)	(1)	3.2	3.4	3.5
Sheboygan .....	58.0	60.1	61.7	(2)	(2)	(2)	2.4	2.4	2.6
Wausau .....	64.4	66.2	68.6	(1)	(1)	(1)	2.9	2.9	3.3
<b>Wyoming</b> .....	224.5	228.3	232.5	16.8	16.8	15.7	15.1	16.0	17.2
Casper .....	30.1	30.7	31.1	2.0	2.0	1.8	1.8	1.9	2.0
<b>Puerto Rico</b> .....	986.8	994.4	998.1	1.2	1.3	1.4	57.7	61.1	67.5
Caguas .....	67.1	68.5	69.6	(1)	(1)	(1)	3.0	3.1	4.1
Mayaguez .....	69.8	71.1	69.1	(1)	(1)	(1)	3.8	4.5	4.7
Ponce .....	76.6	76.7	77.7	(1)	(1)	(1)	4.9	5.3	6.5
San Juan-Bayamon .....	616.5	619.0	623.7	.6	.6	.7	40.0	42.0	45.3
<b>Virgin Islands</b> .....	41.5	41.7	41.0	(1)	(1)	(1)	1.9	1.5	1.7

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>West Virginia</b> .....	81.6	82.4	81.7	38.9	38.4	38.2	161.7	162.6	162.9
Charleston .....	10.0	10.2	10.4	9.3	9.3	9.5	31.2	31.5	31.5
Huntington-Ashland .....	17.2	16.7	15.4	6.7	6.7	6.7	31.6	31.6	31.4
Parkersburg-Marietta .....	13.2	12.9	12.9	2.6	2.7	2.7	17.2	17.1	17.6
Wheeling .....	6.0	6.1	6.1	2.8	2.7	2.6	16.8	16.9	16.8
<b>Wisconsin</b> .....	608.8	618.6	615.6	124.0	127.3	130.5	604.2	611.5	627.6
Appleton-Oshkosh-Neenah .....	59.2	60.0	60.4	7.5	8.0	8.6	40.6	41.4	42.4
Eau Claire .....	12.4	13.3	13.8	3.5	3.5	3.5	19.4	19.7	20.6
Green Bay .....	28.5	29.2	29.6	9.7	10.1	10.6	31.2	31.7	33.0
Janesville-Beloit .....	21.1	20.6	20.1	2.6	2.9	3.2	16.1	16.3	16.6
Kenosha .....	11.2	12.1	12.2	1.9	1.9	2.0	12.5	13.0	14.0
La Crosse .....	11.7	12.2	11.6	3.1	3.3	3.4	18.4	18.0	18.2
Madison .....	29.4	29.6	30.4	9.0	9.2	9.5	57.9	60.1	61.2
Milwaukee-Waukesha .....	176.3	178.1	174.4	39.4	40.1	40.4	179.2	181.3	185.7
Racine .....	25.2	25.4	24.4	2.5	2.6	2.4	16.4	16.8	17.4
Sheboygan .....	23.9	25.2	26.3	1.7	1.7	1.5	10.7	10.8	10.8
Wausau .....	18.3	18.8	19.0	3.3	3.4	3.4	16.0	16.4	16.9
<b>Wyoming</b> .....	10.8	11.0	11.1	13.9	13.9	14.2	52.5	52.8	53.3
Casper .....	1.5	1.5	1.5	1.7	1.7	1.7	8.4	8.3	8.4
<b>Puerto Rico</b> .....	152.3	147.6	142.9	26.1	27.0	33.1	198.9	201.3	206.8
Caguas .....	16.0	15.4	14.4	.8	1.1	1.5	14.9	15.7	16.6
Mayaguez .....	18.0	17.7	15.5	.7	.8	1.1	12.0	12.0	12.4
Ponce .....	10.6	9.9	9.2	2.3	2.3	2.7	13.3	13.5	13.9
San Juan-Bayamon .....	70.2	67.6	66.4	20.4	20.8	24.1	131.1	131.7	135.2
<b>Virgin Islands</b> .....	2.2	2.4	2.4	2.4	2.4	2.4	9.4	9.1	8.8

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA EMPLOYMENT  
ANNUAL AVERAGES**

**1. Employees on nonfarm payrolls in States and selected areas by major industry — Continued**

State and area	Finance, insurance, and real estate			Services			Government		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>West Virginia</b> .....	28.2	28.7	29.8	198.9	208.3	217.1	139.1	140.8	141.1
Charleston .....	7.5	7.9	8.0	39.9	41.2	42.9	23.6	23.8	24.3
Huntington-Ashland .....	3.8	3.9	4.7	33.3	35.5	37.2	21.0	21.1	21.4
Parkersburg-Marietta .....	2.6	2.6	2.7	18.6	20.0	20.5	10.0	9.4	9.3
Wheeling .....	2.8	2.7	2.8	22.5	23.5	23.9	10.1	10.3	10.3
<b>Wisconsin</b> .....	140.2	142.8	146.4	681.0	708.9	735.0	386.7	393.2	398.0
Appleton-Oshkosh-Neenah .....	9.4	9.5	9.5	43.4	45.2	46.8	21.9	22.5	22.9
Eau Claire .....	2.5	2.5	2.5	19.4	20.2	21.2	11.7	11.7	11.7
Green Bay .....	9.4	10.1	11.6	32.9	33.7	35.3	15.8	16.0	16.4
Janesville-Beloit .....	1.9	1.9	1.8	16.3	16.7	16.8	8.5	8.6	8.7
Kenosha .....	1.7	1.7	1.6	13.5	14.5	14.4	8.0	8.2	8.5
La Crosse .....	2.4	2.5	2.6	20.4	21.3	21.8	9.9	10.0	10.2
Madison .....	21.2	22.0	23.0	67.7	70.0	72.0	69.9	71.9	73.1
Milwaukee-Waukesha .....	57.7	57.9	58.8	256.1	267.7	279.9	88.8	90.0	90.7
Racine .....	2.3	2.4	2.4	21.4	21.5	22.2	9.3	9.5	9.6
Sheboygan .....	2.1	2.2	2.2	11.1	11.6	11.9	6.2	6.2	6.4
Wausau .....	4.7	5.0	5.1	11.8	12.4	13.3	7.3	7.4	7.4
<b>Wyoming</b> .....	8.2	8.4	8.0	49.2	50.9	54.1	58.1	58.5	58.8
Casper .....	1.2	1.2	1.2	8.3	8.6	9.1	5.3	5.3	5.4
<b>Puerto Rico</b> .....	46.6	47.7	48.8	194.1	201.0	206.4	310.1	307.5	291.3
Caguas .....	1.7	1.8	1.7	12.1	12.6	13.1	18.6	18.6	18.3
Mayaguez .....	2.0	2.1	2.1	11.2	12.0	12.3	22.2	22.0	21.0
Ponce .....	2.2	2.4	2.3	16.6	17.7	18.0	26.6	25.7	25.2
San Juan-Bayamon .....	36.4	37.6	38.8	130.7	134.5	136.3	187.0	184.2	176.9
<b>Virgin Islands</b> .....	1.9	1.9	1.9	10.0	10.6	10.3	13.7	13.8	13.5

<sup>1</sup> Combined with construction.

<sup>2</sup> Not available.

NOTE: Area definitions are published annually in the May issue of this publication.

All State and area data (with the exception of data for New Jersey) have been adjusted to March 1999 benchmarks.

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS  
ANNUAL AVERAGES**

**2. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Alabama</b> .....	41.9	42.2	42.0	\$11.86	\$12.11	\$12.53	\$496.93	\$511.04	\$526.26
Birmingham .....	43.4	43.1	42.0	12.68	12.86	13.05	550.31	554.27	548.10
Mobile .....	43.2	44.4	44.5	14.06	13.97	14.25	607.39	620.27	634.13
<b>Alaska</b> .....	46.7	49.9	45.5	11.78	11.09	12.10	550.13	553.39	550.55
<b>Arizona</b> .....	41.4	40.4	40.4	11.67	12.17	12.69	483.14	491.67	512.68
<b>Arkansas</b> .....	41.4	41.7	41.7	10.78	11.12	11.55	446.29	463.70	481.64
Fayetteville-Springdale-Rogers .....	40.9	41.6	41.7	10.38	10.76	11.14	424.54	447.62	464.54
Fort Smith .....	41.5	42.5	41.5	10.75	11.18	11.63	446.13	475.15	482.65
Little Rock-North Little Rock .....	41.7	42.3	42.1	11.68	11.84	12.20	487.06	500.83	513.62
Pine Bluff .....	41.7	40.5	39.7	12.50	13.17	13.39	521.25	533.39	531.58
<b>California</b> .....	41.9	41.8	41.8	13.24	13.66	13.95	554.76	570.99	583.11
Bakersfield .....	41.2	41.8	41.8	13.66	13.90	13.86	562.79	581.02	579.35
Fresno .....	41.0	40.8	41.1	11.74	12.00	12.14	481.34	489.60	498.95
Los Angeles-Long Beach .....	42.4	42.4	42.4	12.44	12.86	13.07	527.46	545.26	554.17
Modesto .....	41.6	42.0	41.9	13.44	13.79	13.87	559.10	579.18	581.15
Oakland .....	42.1	41.7	42.3	15.59	15.59	15.62	656.34	650.10	660.73
Orange County .....	42.8	43.4	42.9	12.82	13.03	13.38	548.70	565.50	574.00
Riverside-San Bernardino .....	41.8	42.4	42.4	11.80	12.07	12.38	493.24	511.77	524.91
Sacramento .....	41.0	40.9	41.1	14.18	14.68	15.01	581.38	600.41	616.91
Salinas .....	37.5	39.9	41.7	13.83	14.44	14.08	518.63	576.16	587.14
San Diego .....	40.1	40.1	40.1	13.27	13.61	13.70	532.13	545.76	549.37
San Francisco .....	40.8	41.0	40.1	14.37	14.73	14.84	586.30	603.93	595.08
San Jose .....	42.0	42.4	42.6	16.42	16.80	17.21	689.64	712.32	733.15
Santa Barbara-Santa Maria-Lompoc .....	41.2	41.7	40.9	13.56	14.06	14.21	558.67	586.30	581.19
Santa Rosa .....	40.0	39.9	39.9	14.68	14.84	14.86	587.20	592.12	592.91
Stockton-Lodi .....	42.9	42.0	41.7	13.23	13.46	13.52	567.57	565.32	563.78
Vallejo-Fairfield-Napa .....	41.7	42.0	41.8	15.25	15.59	16.02	635.93	654.78	669.64
Ventura .....	42.2	42.8	42.2	12.44	12.52	12.81	524.97	535.86	540.58
<b>Colorado</b> .....	41.8	41.5	41.8	13.31	13.74	14.18	556.36	570.21	592.72
Denver .....	41.3	42.5	42.5	13.11	12.88	13.45	541.44	547.40	571.63
<b>Connecticut</b> .....	42.6	42.7	42.4	14.46	14.83	15.33	616.00	633.24	649.99
Bridgeport .....	42.7	42.1	41.5	14.98	15.26	15.60	639.65	642.45	647.40
Danbury .....	43.6	42.6	41.2	14.84	14.81	15.04	647.02	630.91	619.65
Hartford .....	43.0	43.2	42.9	15.34	15.65	16.24	659.62	676.08	696.70
New Haven-Meriden .....	42.5	42.1	42.4	14.30	14.66	14.91	607.75	617.19	632.18
New London-Norwich .....	42.4	42.3	42.5	14.93	15.44	15.89	633.03	653.11	675.33
Stamford-Norwalk .....	40.8	39.6	39.7	13.78	13.71	13.55	562.22	542.92	537.94
Waterbury .....	43.9	43.6	44.0	13.53	14.01	14.50	593.97	610.84	638.00
<b>Delaware</b> .....	41.9	42.3	43.0	14.81	15.36	15.93	620.54	649.73	684.99
Dover .....	40.4	40.6	40.4	13.34	13.69	14.14	538.94	555.81	571.26
Wilmington-Newark .....	43.1	43.9	44.2	17.77	18.60	19.22	765.89	816.54	849.52
<b>District of Columbia:</b> Washington PMSA .....	39.5	39.3	39.3	14.04	14.49	15.26	554.58	569.46	599.72
<b>Florida</b> .....	41.8	41.7	41.8	10.95	11.43	11.83	457.71	476.63	494.49
<b>Georgia</b> .....	42.4	41.8	41.7	11.64	12.03	12.50	493.54	502.85	521.25
Atlanta .....	42.8	41.5	40.8	12.61	12.88	13.29	539.71	534.52	542.23
Savannah .....	48.3	47.6	46.5	14.14	15.27	16.30	682.96	726.85	757.95
<b>Hawaii</b> .....	37.9	37.3	39.3	13.11	13.16	13.48	496.87	490.87	529.76
Honolulu .....	39.5	39.3	40.4	13.04	13.16	13.29	515.08	517.19	536.92
<b>Idaho</b> .....	40.1	38.3	39.4	12.46	12.80	13.40	499.65	490.24	527.96
<b>Illinois</b> .....	42.2	41.8	41.9	13.35	13.75	14.05	563.37	574.75	588.70
Bloomington-Normal .....	41.3	40.2	40.4	17.55	17.80	18.70	724.82	715.56	755.48
Champaign-Urbana .....	41.4	41.3	41.2	10.94	11.18	11.76	452.92	461.73	484.51
Chicago .....	42.1	42.1	42.2	13.25	13.49	13.79	557.83	567.93	581.94
Davenport-Moline-Rock Island .....	42.6	43.1	41.4	15.41	15.63	15.55	656.47	673.65	643.77
Decatur .....	42.7	42.5	42.2	16.58	16.79	16.76	707.97	713.58	707.27
Kankakee .....	41.4	41.5	41.5	14.76	15.32	15.39	611.06	635.78	638.69
Peoria-Pekin .....	42.5	42.6	41.5	16.47	16.58	16.68	699.98	706.31	692.22
Rockford .....	42.7	42.8	42.9	14.94	15.53	16.37	637.94	664.68	702.27
Springfield .....	41.6	41.0	41.8	12.01	12.29	12.45	499.62	503.89	520.41

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**  
**ANNUAL AVERAGES**

**2. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas — Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Indiana</b> .....	43.2	42.9	42.9	\$14.79	\$14.97	\$15.26	\$638.93	\$642.21	\$654.65
Bloomington .....	41.5	40.4	40.5	12.54	11.97	12.96	520.41	483.59	524.88
Elkhart-Goshen .....	39.5	40.0	40.0	12.29	12.44	13.07	485.46	497.60	522.80
Evansville-Henderson .....	43.4	43.5	44.4	14.59	14.63	14.87	633.21	636.41	660.23
Fort Wayne .....	41.7	41.5	40.5	14.73	14.89	15.79	614.24	617.94	639.50
Gary .....	42.5	43.1	43.7	18.51	18.91	19.77	786.68	815.02	863.95
Indianapolis .....	44.2	44.0	44.2	15.68	15.60	15.52	693.06	686.40	685.98
Kokomo .....	49.0	50.3	48.4	19.66	21.18	22.53	963.34	1065.35	1090.45
Lafayette .....	42.9	43.4	43.1	15.32	15.90	16.05	657.23	690.06	691.76
Muncie .....	44.6	45.4	44.9	14.73	14.68	14.37	656.96	666.47	645.21
South Bend .....	41.7	40.9	40.8	12.54	12.54	12.41	533.76	512.89	506.33
Terre Haute .....	43.2	45.2	44.6	14.65	14.75	14.08	632.88	666.70	627.97
<b>Iowa</b> .....	42.6	41.9	41.4	13.57	13.91	14.20	578.08	582.83	587.88
Cedar Rapids .....	43.0	41.5	41.1	16.54	17.53	18.13	711.22	727.50	745.14
Des Moines .....	43.2	41.8	39.2	13.64	14.13	14.39	589.25	590.63	564.09
Dubuque .....	41.8	40.6	39.4	14.96	15.38	15.38	625.33	624.43	605.97
Sioux City .....	39.3	40.2	39.1	11.35	11.75	12.25	446.06	472.35	478.98
<b>Kansas</b> .....	42.3	41.9	41.1	13.45	13.84	14.44	568.94	579.90	593.48
Topeka .....	41.1	41.9	39.6	14.93	15.98	16.92	613.62	669.56	670.03
Wichita .....	43.6	43.1	41.4	15.75	16.11	16.68	686.70	694.34	690.55
<b>Kentucky</b> .....	41.8	41.5	41.7	13.17	13.82	14.26	550.51	573.53	594.64
Lexington .....	43.0	42.6	42.4	13.96	14.00	14.48	600.28	596.40	613.95
Louisville .....	41.9	42.0	42.3	14.73	15.54	16.03	617.19	652.68	678.07
<b>Louisiana</b> .....	44.1	44.0	43.3	14.14	14.63	15.19	623.57	643.72	657.73
Baton Rouge .....	43.0	43.2	42.5	16.47	17.42	17.45	708.21	752.54	741.63
New Orleans .....	44.4	43.9	43.5	14.29	14.79	15.09	634.48	649.28	656.42
Shreveport-Bossier City .....	42.9	42.5	42.6	13.84	14.31	14.69	593.74	608.18	625.79
<b>Maine</b> .....	40.6	40.6	40.8	13.12	13.49	13.97	532.67	547.69	569.98
Lewiston-Auburn .....	41.8	41.1	41.9	11.28	11.86	12.33	471.50	487.45	516.63
Portland .....	37.9	41.7	43.1	11.13	11.42	11.63	421.83	476.21	501.25
<b>Maryland</b> .....	41.4	41.6	41.4	14.14	14.31	14.60	585.40	595.30	604.44
Baltimore PMSA .....	41.8	41.6	41.5	14.74	14.90	15.36	616.13	619.84	637.44
<b>Massachusetts</b> .....	42.3	42.0	42.0	13.42	13.80	14.24	567.67	579.60	598.08
Boston .....	41.8	41.4	41.1	14.51	15.00	15.58	606.52	621.00	640.34
Springfield .....	42.1	41.6	41.4	12.95	13.46	13.80	545.20	559.94	571.32
Worcester .....	43.2	42.2	41.8	13.50	14.00	14.48	583.20	590.80	605.26
<b>Michigan</b> .....	44.1	43.3	44.1	17.18	17.61	18.33	757.64	762.51	808.35
Ann Arbor .....	45.8	44.3	45.0	17.99	18.96	19.96	823.94	839.93	898.20
Detroit .....	45.5	44.0	45.3	18.75	19.63	20.54	853.13	863.72	930.46
Flint .....	46.5	43.0	44.2	22.87	25.08	25.16	1063.46	1078.44	1112.07
Grand Rapids-Muskegon-Holland .....	42.2	41.6	42.1	14.56	14.74	15.06	614.43	613.18	634.03
Jackson .....	41.7	41.2	41.6	13.08	12.92	13.16	545.44	532.30	547.46
Kalamazoo-Battle Creek .....	44.9	44.0	43.4	15.35	15.95	15.25	689.22	701.80	661.85
Lansing East Lansing .....	43.9	41.5	42.7	18.56	19.33	19.35	814.78	802.20	826.25
Saginaw-Bay City-Midland .....	47.6	44.8	45.7	20.70	21.22	22.35	985.32	950.66	1021.40
<b>Minnesota</b> .....	41.5	41.3	41.2	13.63	13.92	14.35	565.65	574.90	591.22
Duluth-Superior .....	40.1	40.5	38.9	12.23	12.61	12.73	490.42	510.71	495.20
Minneapolis-St. Paul .....	41.6	42.1	41.8	14.51	14.84	15.30	603.62	624.76	639.54
St. Cloud .....	42.8	42.4	42.6	12.65	13.19	13.54	541.42	559.26	576.80
<b>Mississippi</b> .....	41.5	41.4	41.3	10.41	10.73	11.18	432.02	444.22	461.73
Jackson .....	41.6	40.8	40.7	12.00	11.97	12.93	499.20	488.38	526.25
<b>Missouri</b> .....	41.6	41.5	41.5	12.98	13.38	13.93	539.97	555.27	578.10
Kansas City .....	43.7	43.4	42.1	14.26	14.29	14.45	623.16	620.19	608.35
St. Louis .....	43.0	42.3	42.3	15.19	15.85	16.09	653.17	670.46	680.61
Springfield .....	40.0	40.6	40.9	11.02	11.48	11.87	440.80	466.09	485.48
<b>Montana</b> .....	39.9	39.3	39.0	13.29	13.76	14.18	530.27	540.77	553.02
<b>Nebraska</b> .....	41.3	41.9	41.9	12.10	12.32	12.77	499.73	516.21	535.06
Lincoln .....	45.7	44.0	44.6	13.63	14.05	14.59	622.89	618.20	650.71
Omaha .....	41.8	42.5	42.8	13.43	13.35	13.55	561.37	567.38	579.94
<b>Nevada</b> .....	42.9	42.0	41.3	14.17	14.42	13.92	607.89	605.64	574.90
Las Vegas .....	40.2	40.5	40.5	15.39	16.07	14.59	618.68	650.84	590.90

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE AND AREA HOURS AND EARNINGS  
ANNUAL AVERAGES**

**2. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas — Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>New Hampshire</b> .....	42.0	41.3	40.6	\$12.55	\$12.79	\$13.17	\$527.10	\$528.23	\$534.70
Manchester .....	41.4	40.2	39.8	13.56	13.64	14.11	561.38	548.33	561.58
Nashua .....	41.2	41.7	41.5	14.75	14.55	14.17	607.70	606.74	588.06
Portsmouth-Rochester .....	41.7	40.9	40.9	11.70	12.26	13.15	487.89	501.43	537.84
<b>New Jersey</b> .....	42.0	41.8	41.7	14.24	14.58	15.07	598.08	609.44	628.42
<b>New Mexico</b> .....	39.8	38.6	38.9	11.74	12.47	12.56	467.25	481.34	488.58
Albuquerque .....	39.8	38.0	38.5	13.56	13.74	14.64	539.69	522.12	563.64
<b>New York</b> .....	41.2	41.1	41.2	13.19	13.47	13.86	543.43	553.62	571.03
Albany-Schenectady-Troy .....	41.9	42.2	42.6	14.64	14.54	15.20	613.42	613.59	647.52
Binghamton .....	40.4	41.0	41.2	10.41	10.69	11.02	420.56	438.29	454.02
Buffalo-Niagara Falls .....	43.2	43.0	42.8	16.65	16.95	17.14	719.28	728.85	733.59
Dutchess County .....	38.8	40.0	39.6	12.11	12.14	12.11	469.87	485.60	479.56
Elmira .....	41.6	41.5	41.0	12.20	12.70	12.85	507.52	527.05	526.85
Nassau-Suffolk .....	40.3	40.2	39.9	12.20	12.50	12.97	491.66	502.50	517.50
New York PMSA .....	38.8	39.2	39.4	11.99	12.43	12.81	465.21	487.26	504.71
New York City .....	38.5	38.9	38.9	11.75	12.17	12.58	452.38	473.41	489.36
Newburgh .....	41.0	40.5	41.4	11.41	11.23	11.54	467.81	454.82	477.76
Rochester .....	43.2	42.5	42.3	14.85	14.95	15.61	641.52	635.38	660.30
Rockland County .....	42.3	42.0	44.1	15.79	15.84	15.98	667.92	665.28	704.72
Syracuse .....	42.9	42.6	41.5	14.30	14.53	15.15	613.47	618.98	628.73
Utica-Rome .....	40.4	40.0	40.5	11.55	11.83	12.44	466.62	473.20	503.82
Westchester County .....	40.4	40.1	41.8	12.48	13.13	13.13	504.19	526.51	548.83
<b>North Carolina</b> .....	41.2	41.1	41.0	11.41	11.84	12.32	470.09	486.62	505.12
Asheville .....	42.1	41.4	42.1	11.03	11.40	11.70	464.36	471.96	492.57
Charlotte-Gastonia-Rock Hill .....	41.2	41.1	41.3	12.33	12.79	13.39	508.00	525.67	553.01
Greensboro-Winston-Salem-High Point .....	40.6	40.3	39.8	11.70	12.07	12.53	475.02	486.42	498.69
Raleigh-Durham-Chapel Hill .....	41.8	41.6	42.5	12.43	12.92	13.37	519.57	537.47	568.23
<b>North Dakota</b> .....	40.5	39.9	40.0	11.29	11.40	11.93	457.25	454.86	477.20
Fargo-Moorhead .....	40.6	40.0	40.4	11.22	10.88	11.57	455.53	435.20	467.43
<b>Ohio</b> .....	43.6	42.9	42.9	15.30	15.79	16.26	667.08	677.39	697.55
Akron .....	42.9	42.6	42.2	12.74	13.18	13.75	546.55	561.47	580.25
Canton-Massillon .....	41.8	41.4	40.3	13.62	13.91	14.17	569.32	575.87	571.05
Cincinnati .....	43.6	43.3	43.3	14.63	15.20	15.94	637.87	658.16	690.20
Cleveland-Lorain-Elyria .....	43.8	43.2	43.4	15.05	15.45	16.11	659.19	667.44	699.17
Columbus .....	42.6	42.4	42.2	14.30	14.82	15.17	609.18	628.37	640.17
Dayton-Springfield .....	44.7	43.3	43.8	16.52	16.89	17.42	738.44	731.34	763.00
Hamilton-Middletown .....	45.8	46.0	46.0	16.82	17.41	17.47	770.36	800.86	803.62
Lima .....	43.7	43.1	43.2	16.20	16.15	16.71	707.94	696.07	721.87
Mansfield .....	43.6	43.3	43.7	15.93	16.10	16.51	694.55	697.13	721.49
Steubenville-Weirton .....	42.1	41.2	41.1	16.12	17.48	18.19	678.65	720.18	747.61
Toledo .....	44.5	43.6	44.2	16.59	17.16	18.53	738.26	748.18	819.03
Youngstown-Warren .....	43.1	42.0	42.1	17.27	17.58	18.08	744.34	738.36	761.17
<b>Oklahoma</b> .....	42.4	41.5	41.3	12.36	12.61	12.69	524.06	523.32	524.10
Oklahoma City .....	43.7	42.7	41.6	13.72	13.64	14.13	599.56	582.43	587.81
Tulsa .....	42.3	42.5	42.4	12.80	13.14	13.33	541.44	558.45	565.19
<b>Oregon</b> .....	40.9	40.7	40.4	13.39	14.07	14.61	547.65	572.65	590.24
Eugene-Springfield .....	39.6	40.7	40.3	12.79	13.46	14.14	506.48	547.82	569.84
Medford-Ashland .....	39.8	39.4	39.3	12.38	12.88	13.56	492.72	507.47	532.91
Portland-Vancouver .....	41.7	40.7	40.5	13.45	14.43	15.10	560.87	587.30	611.55
Salem .....	39.7	39.4	39.1	11.73	12.13	12.67	465.68	477.92	495.40
<b>Pennsylvania</b> .....	42.0	41.9	41.8	13.78	14.06	14.18	578.76	589.11	592.72
Allentown-Bethlehem-Easton .....	42.2	42.1	41.0	13.93	14.50	14.09	587.85	610.45	577.69
Altoona .....	40.7	40.0	40.0	11.58	12.21	12.99	471.31	488.40	519.60
Erie .....	44.2	44.3	44.3	13.97	14.26	14.72	617.47	631.72	652.10
Harrisburg-Lebanon-Carlisle .....	40.0	40.2	39.9	13.19	13.62	14.25	527.60	547.52	568.58
Johnstown .....	39.7	39.7	38.7	10.16	10.40	11.82	403.35	412.88	457.43
Lancaster .....	40.6	40.7	41.0	12.76	12.91	13.29	518.06	525.44	544.89
Philadelphia PMSA .....	41.7	41.6	41.6	14.88	15.33	15.80	620.50	637.73	657.28
Pittsburgh .....	43.0	42.5	42.5	14.71	15.05	15.30	632.53	639.63	650.25
Reading .....	42.2	42.2	42.6	15.03	15.06	14.75	634.27	635.53	628.35
Scranton-Wilkes-Barre-Hazleton .....	41.3	40.9	40.7	12.39	12.63	12.77	511.71	516.57	519.74
Sharon .....	43.2	42.0	41.7	14.68	13.93	14.36	634.18	585.06	598.81
State College .....	42.3	41.4	42.3	11.88	12.18	12.49	502.52	504.25	528.33
Williamsport .....	41.2	40.5	40.0	11.01	11.36	11.73	453.61	460.08	469.20
York .....	42.3	42.7	42.7	14.09	14.41	14.71	596.01	615.31	628.12

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE AND AREA HOURS AND EARNINGS**  
**ANNUAL AVERAGES**

**2. Average hours and earnings of production workers on manufacturing payrolls in States and selected areas — Continued**

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Rhode Island</b> .....	40.9	40.6	39.9	\$11.31	\$11.61	\$11.98	\$462.58	\$471.37	\$478.00
Providence-Fall River-Warwick .....	41.5	41.3	40.4	11.48	11.89	12.29	476.42	491.06	496.52
<b>South Carolina</b> .....	42.2	42.6	42.5	10.35	10.52	10.67	436.77	448.15	453.48
<b>South Dakota</b> .....	41.9	42.6	42.9	9.96	10.22	10.58	417.32	435.37	453.88
Rapid City .....	40.8	41.0	40.4	9.78	10.43	10.67	399.02	427.63	431.07
Sioux Falls .....	42.0	43.7	44.3	10.34	10.65	11.04	434.28	465.41	489.07
<b>Tennessee</b> .....	41.2	40.5	40.6	11.71	12.06	12.50	482.45	488.43	507.50
Chattanooga .....	42.3	41.9	41.7	10.78	11.17	11.68	455.99	468.02	487.06
Johnson City-Kingsport-Bristol .....	39.6	38.5	39.8	12.64	13.03	12.88	500.54	501.66	512.62
Knoxville .....	40.7	40.9	40.9	11.29	11.93	12.34	459.50	487.94	504.71
Memphis .....	41.8	40.7	40.0	12.21	12.88	13.30	510.38	524.22	532.00
Nashville .....	41.2	40.6	39.9	12.69	12.87	13.45	522.83	522.52	536.66
<b>Texas</b> .....	43.5	43.7	43.5	12.03	12.14	12.26	523.31	530.52	533.31
Dallas .....	43.5	43.0	42.5	12.13	12.45	12.42	527.66	535.35	527.85
Fl. Worth-Arlington .....	43.6	43.4	43.4	12.80	13.11	13.40	558.08	568.97	581.56
Houston .....	45.8	45.2	44.4	14.01	14.34	14.35	641.66	648.17	637.14
San Antonio .....	41.2	42.5	42.6	9.71	9.80	9.99	400.05	416.50	425.57
<b>Utah</b> .....	40.2	40.4	40.0	12.85	13.07	13.38	516.57	528.03	535.20
Salt Lake City-Ogden .....	40.0	40.3	40.0	12.68	12.85	13.00	507.20	517.86	520.00
<b>Vermont</b> .....	40.7	39.6	39.5	12.70	13.03	13.65	516.89	515.99	539.18
Burlington .....	44.1	44.0	43.6	13.23	13.84	14.72	583.44	608.96	641.79
<b>Virginia</b> .....	42.2	42.3	42.4	12.51	12.90	13.37	527.92	545.67	566.89
Bristol .....	40.8	39.9	49.5	10.60	10.61	12.19	432.48	423.34	603.41
Charlottesville .....	43.5	43.7	42.6	10.13	10.57	10.88	440.66	461.91	463.49
Danville .....	43.7	42.5	43.8	12.49	12.85	13.46	545.81	546.13	589.55
Lynchburg .....	42.5	45.0	44.3	12.23	12.69	13.06	519.78	571.05	578.56
Northern Virginia .....	41.1	41.4	40.9	12.71	13.23	13.86	522.38	547.72	566.87
Richmond-Petersburg .....	42.7	41.8	43.1	15.79	16.12	16.46	674.23	673.82	709.43
Roanoke .....	40.2	40.9	39.9	14.17	14.08	14.17	569.63	575.87	565.38
<b>Washington</b> .....	40.6	40.8	40.9	15.16	15.76	16.14	615.50	643.01	660.13
<b>West Virginia</b> .....	41.7	41.6	41.6	13.17	13.72	14.09	549.19	570.75	586.14
Charleston .....	46.7	47.5	48.1	14.66	15.56	16.23	684.62	739.10	780.66
Huntington-Ashland .....	42.9	43.1	40.9	14.69	15.42	15.28	630.20	664.60	624.95
Parkersburg-Marietta .....	43.8	42.2	42.1	16.85	17.21	17.67	738.03	726.26	743.91
Wheeling .....	40.5	40.2	40.5	15.22	16.64	17.38	616.41	668.93	703.89
<b>Wisconsin</b> .....	42.4	41.8	41.9	13.66	14.02	14.51	579.18	586.04	607.97
Appleton-Oshkosh-Neenah .....	44.2	44.3	44.2	14.83	15.22	15.85	655.49	674.25	700.57
Eau Claire .....	42.2	41.1	41.7	12.72	12.75	12.76	536.78	524.03	532.09
Green Bay .....	42.2	41.4	42.4	14.86	15.46	15.19	627.09	640.04	644.06
Janesville-Beloit .....	45.3	43.6	42.6	17.24	18.03	18.90	780.97	786.11	805.14
Kenosha .....	39.4	39.5	39.1	14.78	15.35	16.37	582.33	606.33	640.07
La Crosse .....	42.2	42.1	40.8	11.81	12.29	12.51	498.38	517.41	510.41
Madison .....	41.5	40.4	39.9	12.71	13.13	13.75	527.47	530.45	548.63
Milwaukee-Waukesha .....	42.0	41.6	41.7	14.93	14.99	15.47	627.06	623.58	645.10
Racine .....	42.8	41.5	41.8	14.13	14.58	14.78	604.76	605.07	617.80
Sheboygan .....	42.8	42.6	42.8	12.96	13.83	14.64	554.69	589.16	626.59
Wausau .....	43.3	42.7	43.1	13.21	13.55	14.19	571.99	578.59	611.59
<b>Wyoming</b> .....	40.3	40.4	39.3	14.54	14.93	15.40	585.96	603.17	605.22
<b>Puerto Rico</b> .....	39.6	40.0	40.9	7.99	8.41	8.89	316.40	336.40	363.60
<b>Virgin Islands</b> .....	42.7	40.1	43.8	18.09	18.60	18.89	772.44	745.86	827.38

<sup>1</sup> Not available.

NOTE: Area definitions are published annually in the May issue of this publication. All

State and area data (with the exception of data for New Jersey) have been adjusted to March 1999 benchmarks.

**LABOR FORCE DATA  
REGIONS AND DIVISIONS  
ANNUAL AVERAGES**

**3. Labor force status by census region and division**

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
<b>Northeast</b> .....	26,133.4	26,059.3	26,205.7	1,406.9	1,214.1	1,149.8	5.4	4.7	4.4
New England .....	7,120.7	7,103.5	7,146.9	314.1	249.3	234.9	4.4	3.5	3.3
Middle Atlantic .....	19,012.7	18,955.7	19,058.8	1,092.8	964.7	914.8	5.7	5.1	4.8
<b>South</b> .....	47,143.3	47,774.8	48,398.0	2,323.1	2,109.7	1,993.3	4.9	4.4	4.1
South Atlantic .....	24,428.4	24,696.6	25,066.6	1,109.4	1,003.3	937.8	4.5	4.1	3.7
East South Central .....	8,056.2	8,112.5	8,203.9	431.7	363.9	368.4	5.4	4.5	4.5
West South Central .....	14,658.7	14,965.7	15,127.5	782.0	742.6	687.1	5.3	5.0	4.5
<b>Midwest</b> .....	33,027.2	33,182.9	33,442.3	1,335.7	1,241.5	1,197.8	4.0	3.7	3.6
East North Central .....	22,915.9	22,999.4	23,240.2	979.8	909.3	894.4	4.3	4.0	3.8
West North Central .....	10,111.3	10,183.4	10,202.0	355.8	332.2	303.4	3.5	3.3	3.0
<b>West</b> .....	29,974.5	30,720.8	31,186.7	1,672.2	1,648.4	1,532.6	5.6	5.4	4.9
Mountain .....	8,408.4	8,685.1	8,854.4	361.9	381.6	369.3	4.3	4.4	4.2
Pacific .....	21,566.1	22,035.8	22,332.3	1,310.3	1,266.8	1,163.3	6.1	5.7	5.2

NOTE: These estimates are obtained by summing the State estimates. The States (including the District of Columbia) that compose the various census divisions are: New England: Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont; Middle Atlantic: New Jersey, New York, and Pennsylvania; South Atlantic: Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, and West Virginia; East South Central: Alabama,

Kentucky, Mississippi, and Tennessee; West South Central: Arkansas, Louisiana, Oklahoma, and Texas; East North Central: Illinois, Indiana, Michigan, Ohio, and Wisconsin; West North Central: Iowa, Kansas, Minnesota, Missouri, Nebraska, North Dakota, and South Dakota; Mountain: Arizona, Colorado, Idaho, Montana, Nevada, New Mexico, Utah, and Wyoming; and Pacific: Alaska, California, Hawaii, Oregon, and Washington.



**STATE LABOR FORCE DATA  
ANNUAL AVERAGES**

**4. Labor force status by State**

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	1997	1998	1999	1997	1998	1999	1997	1998	1999
Alabama .....	2,167.0	2,156.5	2,145.3	109.8	90.9	102.2	5.1	4.2	4.8
Alaska .....	314.5	316.9	315.2	24.8	18.4	20.1	7.9	5.8	6.4
Arizona .....	2,182.1	2,255.0	2,363.7	101.4	93.4	104.2	4.6	4.1	4.4
Arkansas .....	1,212.2	1,210.4	1,222.2	64.2	66.7	54.8	5.3	5.5	4.5
California .....	15,947.3	16,323.9	16,585.9	1,004.7	968.2	864.2	6.3	5.9	5.2
Colorado .....	2,150.2	2,241.1	2,264.1	70.1	86.1	66.0	3.3	3.8	2.9
Connecticut .....	1,722.6	1,698.5	1,691.6	87.9	57.0	53.4	5.1	3.4	3.2
Delaware .....	381.0	391.6	389.0	15.4	14.8	13.6	4.0	3.8	3.5
District of Columbia .....	257.6	268.6	282.1	20.4	23.7	17.7	7.9	8.8	6.3
Florida .....	7,118.6	7,229.8	7,366.5	338.5	310.3	284.2	4.8	4.3	3.9
Georgia .....	3,904.5	4,015.2	4,088.0	177.2	168.9	162.6	4.5	4.2	4.0
Hawaii .....	594.7	595.0	594.8	38.1	37.2	33.3	6.4	6.2	5.6
Idaho .....	634.3	653.8	655.3	33.9	32.9	33.9	5.3	5.0	5.2
Illinois .....	6,204.6	6,239.7	6,385.4	291.9	278.2	273.6	4.7	4.5	4.3
Indiana .....	3,087.0	3,089.0	3,077.6	108.4	95.6	93.0	3.5	3.1	3.0
Iowa .....	1,579.4	1,568.4	1,574.3	51.5	43.4	40.1	3.3	2.8	2.5
Kansas .....	1,378.3	1,417.9	1,434.2	52.0	54.4	42.7	3.8	3.8	3.0
Kentucky .....	1,915.9	1,929.7	1,969.8	103.1	89.0	88.0	5.4	4.6	4.5
Louisiana .....	2,012.2	2,054.2	2,051.6	123.1	117.5	104.0	6.1	5.7	5.1
Maine .....	661.5	652.3	672.0	35.7	28.8	27.5	5.4	4.4	4.1
Maryland .....	2,782.2	2,750.5	2,765.6	141.3	125.2	97.9	5.1	4.6	3.5
Massachusetts .....	3,261.6	3,273.4	3,277.9	130.8	109.1	104.8	4.0	3.3	3.2
Michigan .....	4,960.9	5,029.2	5,136.1	208.7	194.2	193.8	4.2	3.9	3.8
Minnesota .....	2,623.1	2,680.2	2,698.5	85.5	68.3	75.5	3.3	2.5	2.8
Mississippi .....	1,262.3	1,267.4	1,270.0	72.5	68.2	64.7	5.7	5.4	5.1
Missouri .....	2,891.1	2,859.4	2,847.4	122.5	119.0	95.9	4.2	4.2	3.4
Montana .....	454.6	466.5	474.0	24.4	26.2	24.6	5.4	5.6	5.2
Nebraska .....	905.5	916.4	911.1	23.6	24.7	26.1	2.6	2.7	2.9
Nevada .....	882.5	919.1	941.6	36.2	39.5	41.9	4.1	4.3	4.4
New Hampshire .....	645.6	651.5	665.9	20.2	18.9	18.1	3.1	2.9	2.7
New Jersey .....	4,192.3	4,139.7	4,206.8	215.4	191.1	193.3	5.1	4.6	4.6
New Mexico .....	814.1	831.1	809.7	50.9	51.4	45.5	6.2	6.2	5.6
New York .....	8,843.1	8,882.3	8,883.0	566.8	498.7	459.2	6.4	5.6	5.2
North Carolina .....	3,842.0	3,796.9	3,874.4	139.1	131.0	122.2	3.6	3.5	3.2
North Dakota .....	347.5	346.3	336.8	8.8	11.1	11.5	2.5	3.2	3.4
Ohio .....	5,714.7	5,688.9	5,749.1	262.5	242.0	245.8	4.6	4.3	4.3
Oklahoma .....	1,595.4	1,619.5	1,647.6	65.8	73.3	56.7	4.1	4.5	3.4
Oregon .....	1,727.6	1,763.6	1,760.4	100.6	98.5	100.4	5.8	5.6	5.7
Pennsylvania .....	5,977.3	5,933.8	5,969.0	310.6	275.0	262.3	5.2	4.6	4.4
Rhode Island .....	502.4	497.5	503.8	26.6	24.3	20.9	5.3	4.9	4.1
South Carolina .....	1,931.3	1,962.3	1,962.0	87.3	74.7	87.8	4.5	3.8	4.5
South Dakota .....	386.2	394.9	399.7	11.8	11.3	11.6	3.1	2.9	2.9
Tennessee .....	2,711.0	2,758.9	2,818.9	146.3	115.7	113.5	5.4	4.2	4.0
Texas .....	9,839.0	10,081.6	10,206.0	529.0	485.1	471.6	5.4	4.8	4.6
Utah .....	1,039.3	1,061.3	1,083.9	32.3	39.9	40.5	3.1	3.8	3.7
Vermont .....	327.0	330.3	335.8	13.0	11.2	10.2	4.0	3.4	3.0
Virginia .....	3,408.1	3,484.0	3,522.0	134.9	101.6	98.0	4.0	2.9	2.8
Washington .....	2,981.9	3,036.4	3,076.0	142.0	144.5	145.4	4.8	4.8	4.7
West Virginia .....	802.9	797.8	817.0	55.3	53.0	53.9	6.9	6.6	6.6
Wisconsin .....	2,948.7	2,952.7	2,892.0	108.3	99.4	88.1	3.7	3.4	3.0
Wyoming .....	251.3	257.3	262.1	12.8	12.3	12.7	5.1	4.8	4.9
Puerto Rico .....	1,308.3	1,311.2	1,301.7	176.4	174.7	152.7	13.5	13.3	11.7

**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**5. Labor force status by State and metropolitan area**

(Numbers in thousands)

State and area	Civilian labor force	Unemployed	
		Number	Percent of labor force
1999			
<b>Alabama</b> .....	2,145.3	102.2	4.8
Anniston .....	54.6	2.8	5.1
Auburn-Opelika .....	48.9	1.7	3.5
Birmingham .....	471.8	14.7	3.1
Decatur .....	73.2	3.4	4.7
Dothan .....	66.5	2.7	4.1
Florence .....	66.9	4.4	6.7
Gadsden .....	49.6	3.5	7.0
Huntsville .....	172.1	5.8	3.3
Mobile .....	269.5	12.6	4.7
Montgomery .....	164.6	6.1	3.7
Tuscaloosa .....	84.0	2.5	3.0
<b>Alaska</b> .....	315.2	20.1	6.4
Anchorage .....	141.1	6.4	4.5
<b>Arizona</b> .....	2,363.7	104.2	4.4
Flagstaff .....	61.8	4.1	6.7
Phoenix-Mesa .....	1,574.9	48.0	3.0
Tucson .....	384.6	12.1	3.1
Yuma .....	66.8	20.0	29.9
<b>Arkansas</b> .....	1,222.2	54.8	4.5
Fayetteville-Springdale-Rogers .....	143.3	3.4	2.4
Fort Smith .....	96.8	3.6	3.7
Jonesboro .....	42.1	1.4	3.3
Little Rock-North Little Rock .....	298.5	9.5	3.2
Pine Bluff .....	36.0	2.7	7.5
<b>California</b> .....	16,585.9	864.2	5.2
Bakersfield .....	280.5	31.9	11.4
Chico-Paradise .....	85.8	5.8	6.8
Fresno .....	432.4	57.2	13.2
Los Angeles-Long Beach .....	4,658.6	272.8	5.9
Merced .....	84.8	11.2	13.3
Modesto .....	203.1	21.4	10.6
Oakland .....	1,211.6	39.7	3.3
Orange County .....	1,471.6	38.9	2.6
Redding .....	72.9	5.1	7.0
Riverside-San Bernardino .....	1,442.6	74.0	5.1
Sacramento .....	787.9	31.6	4.0
Salinas .....	191.7	18.1	9.5
San Diego .....	1,358.2	41.9	3.1
San Francisco .....	956.9	23.2	2.4
San Jose .....	962.8	29.2	3.0
San Luis Obispo-Atascadero-Paso Robles .....	110.6	3.6	3.3
Santa Barbara-Santa Maria-Lompoc .....	199.5	7.7	3.9
Santa Cruz-Watsonville .....	140.8	8.9	6.3
Santa Rosa .....	251.2	6.7	2.7
Stockton-Lodi .....	253.0	22.1	8.7
Vallejo-Fairfield-Napa .....	253.2	10.8	4.3
Ventura .....	395.8	18.9	4.8
Visalia-Tulare-Porterville .....	166.6	27.3	16.4
Yolo .....	90.2	4.0	4.4
Yuba City .....	56.9	7.1	12.4
<b>Colorado</b> .....	2,264.1	66.0	2.9
Boulder-Longmont .....	175.7	4.7	2.7
Colorado Springs .....	258.7	8.6	3.3
Denver .....	1,139.5	27.5	2.4
Fort Collins-Loveland .....	141.0	4.3	3.1
Grand Junction .....	58.9	2.2	3.7
Greeley .....	86.1	3.1	3.6
Pueblo .....	60.3	2.9	4.8
<b>Connecticut</b> .....	1,691.6	53.4	3.2
Bridgeport .....	213.7	8.4	3.9
Danbury .....	107.9	2.5	2.3
Hartford .....	574.8	18.9	3.3
New Haven-Meriden .....	270.2	8.4	3.1
New London-Norwich .....	151.1	5.0	3.3
Stamford-Norwalk .....	192.2	4.1	2.1
Waterbury .....	114.5	4.3	3.8

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**5. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force	Unemployed	
		Number	Percent of labor force
		1999	
<b>Delaware</b> .....	389.0	13.6	3.5
Dover .....	68.1	2.6	3.8
Wilmington-Newark .....	292.2	9.9	3.4
<b>District of Columbia</b> .....	282.1	17.7	6.3
Washington .....	2,610.0	67.7	2.6
<b>Florida</b> .....	7,366.5	284.2	3.9
Daytona Beach .....	191.5	5.9	3.1
Fort Lauderdale .....	770.4	31.2	4.0
Fort Myers-Cape Coral .....	180.0	4.6	2.6
Fort Pierce-Port St. Lucie .....	125.6	9.4	7.5
Fort Walton Beach .....	80.5	2.6	3.3
Gainesville .....	105.3	2.2	2.1
Jacksonville .....	539.8	16.1	3.0
Lakeland-Winter Haven .....	200.3	9.7	4.8
Melbourne-Titusville-Palm Bay .....	206.3	8.0	3.9
Miami .....	1,045.0	60.6	5.8
Naples .....	93.6	3.5	3.8
Ocala .....	98.2	3.6	3.6
Orlando .....	881.9	23.8	2.7
Panama City .....	65.9	4.0	6.1
Pensacola .....	173.1	6.3	3.7
Punta Gorda .....	46.9	1.5	3.2
Sarasota-Bradenton .....	273.8	5.9	2.2
Tallahassee .....	149.3	3.9	2.6
Tampa-St. Petersburg-Clearwater .....	1,201.4	32.9	2.7
West Palm Beach-Boca Raton .....	506.5	25.5	5.0
<b>Georgia</b> .....	4,088.0	162.6	4.0
Albany .....	57.4	4.3	7.5
Athens .....	73.7	1.9	2.6
Atlanta .....	2,207.4	68.0	3.1
Augusta-Aiken .....	208.6	10.8	5.2
Columbus .....	127.4	6.5	5.1
Macon .....	153.0	7.1	4.7
Savannah .....	136.0	5.7	4.2
<b>Hawaii</b> .....	594.8	33.3	5.6
Honolulu .....	424.2	20.9	4.9
<b>Idaho</b> .....	655.3	33.9	5.2
Boise City .....	230.1	8.5	3.7
Pocatello .....	40.3	2.1	5.2
<b>Illinois</b> .....	6,385.4	273.6	4.3
Bloomington-Normal .....	91.8	2.0	2.2
Champaign-Urbana .....	98.3	2.5	2.5
Chicago .....	4,265.3	174.3	4.1
Davenport-Moline-Rock Island .....	190.7	8.4	4.4
Decatur .....	60.9	2.9	4.8
Kankakee .....	52.5	2.9	5.4
Peoria-Pekin .....	187.9	7.6	4.0
Rockford .....	201.2	9.1	4.5
Springfield .....	108.4	3.9	3.6
<b>Indiana</b> .....	3,077.6	93.0	3.0
Bloomington .....	60.9	1.4	2.3
Elkhart-Goshen .....	96.6	2.1	2.2
Evansville-Henderson .....	157.5	5.1	3.2
Fort Wayne .....	263.2	7.5	2.9
Gary .....	298.5	11.8	3.9
Indianapolis .....	833.8	20.2	2.4
Kokomo .....	50.4	1.3	2.6
Lafayette .....	89.9	2.0	2.2
Muncie .....	61.5	2.0	3.3
South Bend .....	134.9	4.2	3.1
Terre Haute .....	68.5	3.0	4.4

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**5. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force	Unemployed	
		Number	Percent of labor force
		1999	
<b>Iowa</b> .....	1,574.3	40.1	2.5
Cedar Rapids .....	112.6	2.0	1.8
Des Moines .....	253.8	4.7	1.9
Dubuque .....	48.5	1.3	2.7
Iowa City .....	67.1	1.4	2.0
Sioux City .....	64.0	1.6	2.5
Waterloo-Cedar Falls .....	67.4	2.6	3.9
<b>Kansas</b> .....	1,434.2	42.7	3.0
Lawrence .....	55.7	1.8	3.2
Topeka .....	90.3	2.8	3.1
Wichita .....	290.2	9.5	3.3
<b>Kentucky</b> .....	1,969.8	88.0	4.5
Lexington .....	262.3	5.5	2.1
Louisville .....	561.7	19.0	3.4
Owensboro .....	50.7	2.6	5.1
<b>Louisiana</b> .....	2,051.6	104.0	5.1
Alexandria .....	61.7	2.8	4.5
Baton Rouge .....	305.1	12.1	4.0
Houma .....	92.0	3.8	4.2
Lafayette .....	177.1	10.0	5.6
Lake Charles .....	92.3	4.5	4.9
Monroe .....	71.5	2.8	3.9
New Orleans .....	615.4	26.9	4.4
Shreveport-Bossier City .....	185.3	8.9	4.8
<b>Maine</b> .....	672.0	27.5	4.1
Bangor .....	51.3	1.4	2.7
Lewiston-Auburn .....	53.5	2.1	3.8
Portland .....	134.8	2.9	2.1
<b>Maryland</b> .....	2,765.6	97.9	3.5
Baltimore .....	1,300.3	51.9	4.0
Cumberland .....	44.8	3.2	7.1
Hagerstown .....	68.0	2.3	3.4
<b>Massachusetts</b> .....	3,277.9	104.8	3.2
Barnstable-Yarmouth .....	75.1	2.8	3.7
Boston .....	1,818.5	49.1	2.7
Brockton .....	132.9	4.7	3.5
Fitchburg-Leominster .....	68.2	2.8	4.1
Lawrence .....	203.5	8.9	4.4
Lowell .....	168.8	5.6	3.3
New Bedford .....	80.5	4.8	5.9
Pittsfield .....	39.6	1.7	4.2
Springfield .....	282.5	10.1	3.6
Worcester .....	251.4	8.0	3.2
<b>Michigan</b> .....	5,136.1	193.8	3.8
Ann Arbor .....	308.1	6.7	2.2
Benton Harbor .....	84.7	3.4	4.0
Detroit .....	2,295.2	79.9	3.5
Flint .....	198.4	11.0	5.5
Grand Rapids-Muskegon-Holland .....	614.7	19.8	3.2
Jackson .....	78.1	2.7	3.4
Kalamazoo-Battle Creek .....	238.1	8.4	3.5
Lansing-East Lansing .....	247.0	6.4	2.6
Saginaw-Bay City-Midland .....	203.1	8.6	4.2
<b>Minnesota</b> .....	2,698.5	75.5	2.8
Duluth-Superior .....	124.1	5.0	4.1
Minneapolis-St. Paul .....	1,695.7	37.4	2.2
Rochester .....	72.6	1.5	2.0
St. Cloud .....	96.4	2.9	3.0
<b>Mississippi</b> .....	1,270.0	64.7	5.1
Biloxi-Gulfport-Pascagoula .....	172.2	6.3	3.6
Hattiesburg .....	50.3	1.6	3.2
Jackson .....	225.1	7.6	3.4

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**5. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force	Unemployed	
		Number	Percent of labor force
		1999	
<b>Missouri</b> .....	2,847.4	95.9	3.4
Columbia .....	81.4	1.0	1.2
Joplin .....	81.9	2.6	3.1
Kansas City .....	979.0	29.0	3.0
St. Joseph .....	50.1	1.8	3.5
St. Louis LMA .....	1,321.7	48.4	3.7
Springfield .....	165.8	3.9	2.4
<b>Montana</b> .....	474.0	24.6	5.2
Billings .....	73.0	2.9	4.0
Great Falls .....	38.0	2.0	5.3
Missoula .....	52.3	1.9	3.7
<b>Nebraska</b> .....	911.1	26.1	2.9
Lincoln .....	142.4	3.4	2.4
Omaha .....	385.8	10.0	2.6
<b>Nevada</b> .....	941.6	41.9	4.4
Las Vegas .....	728.8	32.3	4.4
Reno .....	173.2	6.4	3.7
<b>New Hampshire</b> .....	665.9	18.1	2.7
Manchester .....	105.6	2.5	2.4
Nashua .....	104.9	3.1	2.9
Portsmouth-Rochester .....	125.2	2.8	2.2
<b>New Jersey</b> .....	4,206.8	193.3	4.6
Atlantic-Cape May .....	172.6	13.8	8.0
Bergen-Passaic .....	682.8	31.0	4.5
Jersey City .....	283.6	20.5	7.2
Middlesex-Somerset-Hunterdon .....	642.2	20.8	3.2
Monmouth-Ocean .....	521.6	22.0	4.2
Newark .....	1,023.8	45.9	4.5
Trenton .....	167.2	6.7	4.0
Vineland-Millville-Bridgeton .....	64.3	5.5	8.6
<b>New Mexico</b> .....	809.7	45.5	5.6
Albuquerque .....	354.6	14.0	3.9
Las Cruces .....	68.1	5.2	7.6
Santa Fe .....	73.0	2.0	2.7
<b>New York</b> .....	8,883.0	459.2	5.2
Albany-Schenectady-Troy .....	451.4	16.1	3.6
Binghamton .....	124.3	5.1	4.1
Buffalo-Niagara Falls .....	569.0	30.9	5.4
Dutchess County .....	120.0	4.2	3.5
Elmira .....	44.7	2.2	4.9
Glens Falls .....	59.6	2.9	4.9
Jamestown .....	66.0	3.4	5.2
Nassau-Suffolk .....	1,410.7	47.2	3.3
New York .....	4,093.4	252.8	6.2
New York City .....	3,444.2	230.6	6.7
Newburgh .....	176.7	6.2	3.5
Rochester .....	573.2	24.4	4.3
Syracuse .....	362.8	15.5	4.3
Utica-Rome .....	143.6	6.2	4.3
<b>North Carolina</b> .....	3,874.4	122.2	3.2
Asheville .....	109.8	2.5	2.3
Charlotte-Gastonia-Rock Hill .....	773.1	19.7	2.6
Fayetteville .....	115.6	4.4	3.8
Goldsboro .....	47.9	1.9	4.1
Greensboro—Winston-Salem—High Point .....	643.7	15.2	2.4
Greenville .....	64.8	2.9	4.5
Hickory-Morganton-Lenoir .....	171.1	3.5	2.1
Jacksonville .....	46.6	1.7	3.5
Raleigh-Durham-Chapel Hill .....	633.0	9.9	1.6
Rocky Mount .....	67.1	4.2	6.2
Wilmington .....	111.0	3.8	3.4
<b>North Dakota</b> .....	336.8	11.5	3.4
Bismarck .....	52.9	1.6	3.0
Fargo-Moorhead .....	101.2	2.0	2.0
Grand Forks .....	51.7	1.5	3.0

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**5. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force	Unemployed	
		Number	Percent of labor force
1999			
Ohio .....	5,749.1	245.8	4.3
Akron .....	364.1	15.2	4.2
Canton-Massillon .....	202.2	9.2	4.5
Cincinnati .....	849.3	29.4	3.5
Cleveland-Lorain-Elyria .....	1,120.1	50.3	4.5
Columbus .....	829.9	21.9	2.6
Dayton-Springfield .....	471.0	18.1	3.8
Hamilton-Middletown .....	185.2	6.0	3.2
Lima .....	76.0	3.4	4.5
Mansfield .....	84.3	5.2	6.2
Steubenville-Weirton .....	56.6	3.7	6.6
Toledo .....	321.4	15.4	4.8
Youngstown-Warren .....	281.5	15.5	5.5
Oklahoma .....	1,647.6	56.7	3.4
Enid .....	27.4	0.8	3.0
Lawton .....	41.1	1.5	3.6
Oklahoma City .....	549.7	14.1	2.6
Tulsa .....	418.9	13.5	3.2
Oregon .....	1,760.4	100.4	5.7
Corvallis .....	40.8	1.2	2.9
Eugene-Springfield .....	163.2	9.3	5.7
Medford-Ashland .....	89.2	5.9	6.6
Portland-Vancouver .....	1,047.2	47.1	4.5
Salem .....	168.1	10.3	6.1
Pennsylvania .....	5,969.0	262.3	4.4
Allentown-Bethlehem-Easton .....	313.4	13.1	4.2
Altoona .....	63.5	2.9	4.5
Erie .....	140.8	7.0	5.0
Harrisburg-Lebanon-Carlisle .....	348.3	11.5	3.3
Johnstown .....	102.5	5.9	5.8
Lancaster .....	243.5	6.6	2.7
Philadelphia .....	2,528.7	104.9	4.1
Pittsburgh .....	1,153.4	50.1	4.3
Reading .....	182.6	7.4	4.1
Scranton-Wilkes-Barre-Hazleton .....	304.6	17.0	5.6
Sharon .....	57.9	2.9	5.0
State College .....	65.4	1.8	2.7
Williamsport .....	56.5	2.8	5.0
York .....	193.0	6.9	3.6
Rhode Island .....	503.8	20.9	4.1
Providence-Fall River-Warwick .....	576.0	24.5	4.3
South Carolina .....	1,962.0	87.8	4.5
Charleston-North Charleston .....	269.6	9.3	3.4
Columbia .....	281.3	6.9	2.5
Florence .....	63.2	3.5	5.5
Greenville-Spartanburg-Anderson .....	493.1	16.2	3.3
Myrtle Beach .....	104.9	4.1	3.9
Sumter .....	47.0	2.6	5.5
South Dakota .....	399.7	11.6	2.9
Rapid City .....	47.2	1.2	2.5
Sioux Falls .....	102.4	1.8	1.7
Tennessee .....	2,818.9	113.5	4.0
Chattanooga .....	228.3	7.9	3.5
Clarksville-Hopkinsville .....	85.8	2.9	3.3
Jackson .....	58.2	2.0	3.5
Johnson City-Kingsport-Bristol .....	226.9	10.0	4.4
Knoxville .....	352.6	11.6	3.3
Memphis .....	560.2	20.3	3.6
Nashville .....	661.6	18.0	2.7
Texas .....	10,206.0	471.6	4.6
Abilene .....	59.6	2.2	3.7
Amarillo .....	113.1	4.0	3.6
Austin-San Marcos .....	707.6	15.8	2.2
Beaumont-Port Arthur .....	181.6	15.6	8.6
Brazoria .....	104.1	7.0	6.8
Brownsville-Harlingen-San Benito .....	126.6	12.5	9.8
Bryan-College Station .....	75.4	1.3	1.7
Corpus Christi .....	175.9	11.5	6.5

See footnotes at end of table.

**STATE AND AREA LABOR FORCE DATA  
ANNUAL AVERAGES**

**5. Labor force status by State and metropolitan area—Continued**

(Numbers in thousands)

State and area	Civilian labor force	Unemployed	
		Number	Percent of labor force
		1999	
<b>Texas</b>			
Dallas .....	1,913.4	58.9	3.1
El Paso .....	287.6	27.1	9.4
Fort Worth-Arlington .....	896.7	28.0	3.1
Galveston-Texas City .....	122.0	8.0	6.5
Houston .....	2,147.7	96.7	4.5
Killeen-Temple .....	115.3	4.0	3.5
Laredo .....	72.7	6.2	8.5
Longview-Marshall .....	103.5	7.4	7.1
Lubbock .....	123.3	3.6	2.9
McAllen-Edinburg-Mission .....	194.4	28.1	14.5
Odessa-Midland .....	121.9	10.6	8.7
San Angelo .....	50.2	2.2	4.3
San Antonio .....	766.4	24.0	3.1
Sherman-Denison .....	50.4	2.3	4.5
Texarkana .....	56.0	3.0	5.4
Tyler .....	89.6	3.8	4.3
Victoria .....	43.1	1.8	4.2
Waco .....	101.6	3.4	3.3
Wichita Falls .....	64.4	3.0	4.6
<b>Utah</b>	1,083.9	40.5	3.7
Provo-Orem .....	163.1	5.1	3.2
Salt Lake City-Ogden .....	693.5	24.7	3.6
<b>Vermont</b>	335.8	10.2	3.0
Burlington .....	102.2	2.0	2.0
<b>Virginia</b>	3,522.0	98.0	2.8
Charlottesville .....	75.3	1.0	1.3
Danville .....	56.6	3.5	6.2
Lynchburg .....	103.9	2.1	2.1
Norfolk-Virginia Beach-Newport News .....	735.6	24.7	3.4
Richmond-Petersburg .....	509.5	12.0	2.4
Roanoke .....	126.4	2.4	1.9
<b>Washington</b>	3,076.0	145.4	4.7
Bellingham .....	81.1	4.2	5.2
Bremerton .....	93.3	4.7	5.0
Olympia .....	101.0	4.6	4.6
Richland-Kennewick-Pasco .....	95.0	6.2	6.5
Seattle-Bellevue-Everett .....	1,403.0	47.4	3.4
Spokane .....	210.3	11.0	5.2
Tacoma .....	335.3	15.2	4.5
Yakima .....	114.3	11.2	9.8
<b>West Virginia</b>	817.0	53.9	6.6
Charleston .....	135.0	6.4	4.7
Huntington-Ashland .....	139.3	9.4	6.7
Parkersburg-Marietta .....	76.9	4.3	5.6
Wheeling .....	73.3	3.8	5.2
<b>Wisconsin</b>	2,892.0	88.1	3.0
Appleton-Oshkosh-Neenah .....	219.4	5.2	2.3
Eau Claire .....	81.7	2.5	3.0
Green Bay .....	133.4	3.1	2.3
Janesville-Beloit .....	77.2	3.1	4.0
Kenosha .....	80.3	2.6	3.2
La Crosse .....	69.9	2.1	3.0
Madison .....	258.9	3.5	1.4
Milwaukee-Waukesha .....	797.3	24.7	3.1
Racine .....	90.6	4.0	4.4
Sheboygan .....	60.5	1.2	2.0
Wausau .....	72.2	2.1	2.9
<b>Wyoming</b>	262.1	12.7	4.9
Casper .....	33.6	1.8	5.5
Cheyenne .....	39.2	1.4	3.6
<b>Puerto Rico</b>	1,301.7	152.7	11.7
Aguadilla .....	46.9	8.1	17.2
Arecibo .....	51.7	7.1	13.7
Caguas .....	120.2	13.2	11.0
Mayaguez .....	92.0	13.8	15.0
Ponce .....	109.6	16.3	14.9
San Juan-Bayamon .....	716.1	66.8	9.3

NOTE: Area definitions are published annually in the May issue of this publication.

# Issues in Labor Statistics



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# Area Definitions

## Area definitions

State and area	Type of area	Definition
<b>Alabama</b>		
Anniston .....	MSA	Calhoun County
Auburn-Opelika .....	MSA	Lee County
Birmingham .....	MSA	Blount, Jefferson, St. Clair, and Stratford Counties
Decatur .....	MSA	Lawrence and Morgan Counties
Dothan .....	MSA	Dale and Houston Counties
Florence .....	MSA	Colbert and Lauderdale Counties
Gadsden .....	MSA	Etowah County
Huntsville .....	MSA	Limestone and Madison Counties
Mobile .....	MSA	Baldwin and Mobile Counties
Montgomery .....	MSA	Autauga, Elmore, and Montgomery Counties
Tuscaloosa .....	MSA	Tuscaloosa County
<b>Alaska</b>		
Anchorage .....	MSA	Anchorage Borough
<b>Arizona</b>		
Flagstaff .....	MSA	Coconino County, Ariz.; Kane County, Utah
Phoenix-Mesa .....	MSA	Maricopa and Pinal Counties
Tucson .....	MSA	Pima County
Yuma .....	MSA	Yuma County
<b>Arkansas</b>		
Fayetteville-Springdale-Rogers .....	MSA	Benton and Washington Counties
Fort Smith .....	MSA	Crawford and Sebastian Counties, Ark.; Sequoyah County, Okla.
Jonesboro .....	MSA	Craighead County
Little Rock-North Little Rock .....	MSA	Faulkner, Lonoke, Pulaski, and Saline Counties
Pine Bluff .....	MSA	Jefferson County
<b>California</b>		
Bakersfield .....	MSA	Kern County
Chico-Paradise .....	MSA	Butte County
Fresno .....	MSA	Fresno and Madera Counties
Los Angeles-Long Beach .....	PMSA	Los Angeles County
Merced .....	MSA	Merced County
Modesto .....	MSA	Stanislaus County
Oakland .....	PMSA	Alameda and Contra Costa Counties
Orange County .....	PMSA	Orange County
Redding .....	MSA	Shasta County
Riverside-San Bernardino .....	PMSA	Riverside and San Bernardino Counties
Sacramento .....	PMSA	El Dorado, Placer, and Sacramento Counties
Salinas .....	MSA	Monterey County
San Diego .....	MSA	San Diego County
San Francisco .....	PMSA	Marin, San Francisco, and San Mateo Counties
San Jose .....	PMSA	Santa Clara County
San Luis Obispo-Atascadero-Paso Robles .....	MSA	San Luis Obispo County
Santa Barbara-Santa Maria-Lompoc .....	MSA	Santa Barbara County
Santa Cruz-Watsonville .....	PMSA	Santa Cruz County
Santa Rosa .....	PMSA	Sonoma County
Stockton-Lodi .....	MSA	San Joaquin County
Vallejo-Fairfield-Napa .....	PMSA	Napa and Solano Counties
Ventura .....	PMSA	Ventura County
Visalia-Tulare-Porterville .....	MSA	Tulare County
Yolo .....	PMSA	Yolo County
Yuba City .....	MSA	Sutter and Yuba Counties
<b>Colorado</b>		
Boulder-Longmont .....	PMSA	Boulder County
Colorado Springs .....	MSA	El Paso County
Denver .....	PMSA	Adams, Arapahoe, Denver, Douglas, and Jefferson Counties
Fort Collins-Loveland .....	MSA	Larimer County
Grand Junction .....	MSA	Mesa County

# Area definitions—Continued

State and area	Type of area	Definition
<b>Colorado—Continued</b>		
Greeley .....	PMSA	Weld County
Pueblo .....	MSA	Pueblo County
<b>Connecticut</b>		
Bridgeport .....	PMSA	Bridgeport and Shelton cities, and Easton, Fairfield, Monroee, Stratford, and Trumbull towns in Fairfield County; Ansonia, Derby, and Milford cities, and Beacon Falls, Oxford, and Seymour towns in New Haven County
Danbury .....	PMSA	Danbury city and Bethel, Brookfield, New Fairfield, Newton, Redding, Ridgefield, and Sherman towns in Fairfield County; Bridgewater, New Milford, Roxbury, and Washington towns in Litchfield County
Hartford .....	MSA	Bristol, Hartford, and New Britain cities, and Avon, Berlin, Bloomfield, Burlington, Canton, East Granby, East Hartford, East Windsor, Enfield, Farmington, Glastonbury, Granby, Manchester, Marlborough, Newington, Plainville, Rocky Hill, Simsbury, Southington, South Windsor, Suffield, West Hartford, Wethersfield, Windsor, and Windsor Locks towns in Hartford County; Barkhamsted, Harwinton, New Hartford, Plymouth, and Winchester towns in Litchfield County; Middletown city, and Cromwell, Durham, East Haddam, East Hampton, Haddam, Middlefield, and Portland towns in Middlesex County; Colchester and Lebanon towns in New London County; Andover, Bolton, Columbia, Coventry, Ellington, Hebron, Mansfield, Somers, Stafford, Tolland, Vernon, and Willington towns in Tolland County; Ashford, Chaplin, and Windham towns in Windham County
New Haven-Meriden .....	PMSA	Clinton and Killingworth towns in Middlesex County; Meriden, New Haven, and West Haven cities, and Bethany, Branford, Cheshire, East Haven, Guilford, Hamden, Madison, North Branford, North Haven, Orange, Wallingford, and Woodbridge towns in New Haven County
New London-Norwich .....	MSA	Old Saybrook town in Middlesex County; New London and Norwich cities, and Bozrah, East Lyme, Franklin, Griswold, Groton, Ledyard, Lisbon, Montville, North Stonington, Old Lyme, Preston, Salem, Sprague, Stonington, and Waterford towns in New London County; Canterbury and Plainfield towns in Windham County; Hopkinton and Westerly towns in Washington County, R.I.
Stamford-Norwalk .....	PMSA	Norwalk and Stamford cities, and Darien, Greenwich, New Canaan, Weston, Westport, and Wilton towns in Fairfield County
Waterbury .....	PMSA	Bethlehem, Thomaston, Watertown, and Woodbury towns in Litchfield County; Waterbury city, Naugatuck borough, and Middlebury, Prospect, Southbury, and Wolcott towns in New Haven County
<b>Delaware</b>		
Dover .....	MSA	Kent County
Wilmington-Newark .....	PMSA	New Castle County, Del.; Cecil County, Md.
<b>District of Columbia</b>		
Washington .....	PMSA	District of Columbia; Calvert, Charles, Frederick, Montgomery, and Prince George's Counties, Md.; Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, and Manassas Park cities, and Arlington, Clarke, Culpeper, Fairfax, Fauquier, King George, Loudoun, Prince William, Spotsylvania, Stafford, and Warren Counties, Va.; Berkeley and Jefferson Counties, W. Va.
<b>Florida</b>		
Daytona Beach .....	MSA	Flagler and Volusia Counties
Fort Lauderdale .....	PMSA	Broward County
Fort Myers-Cape Coral .....	MSA	Lee County
Fort Pierce-Port St. Lucie .....	MSA	Martin and St. Lucie Counties
Fort Walton Beach .....	MSA	Okaloosa County
Gainesville .....	MSA	Alachua County
Jacksonville .....	MSA	Clay, Duval, Nassau, and St. John's Counties
Lakeland-Winter Haven .....	MSA	Polk County
Melbourne-Titusville-Palm Bay .....	MSA	Brevard County
Miami .....	PMSA	Miami-Dade County

# Area definitions—Continued

State and area	Type of area	Definition
<b>Florida—Continued</b>		
Naples .....	MSA	Collier County
Ocala .....	MSA	Marion County
Orlando .....	MSA	Lake, Orange, Osceola, and Seminole Counties
Panama City .....	MSA	Bay County
Pensacola .....	MSA	Escambia and Santa Rosa Counties
Punta Gorda .....	MSA	Charlotte County
Sarasota-Bradenton .....	MSA	Manatee and Sarasota Counties
Tallahassee .....	MSA	Gadsden and Leon Counties
Tampa-St. Petersburg-Clearwater .....	MSA	Hernando, Hillsborough, Pasco, and Pinellas Counties
West Palm Beach-Boca Raton .....	MSA	Palm Beach County
<b>Georgia</b>		
Albany .....	MSA	Dougherty and Lee Counties
Athens .....	MSA	Clarke, Madison, and Oconee Counties
Atlanta .....	MSA	Barrow, Bartow, Carroll, Cherokee, Clayton, Cobb, Coweta, DeKalb, Douglas, Fayette, Forsyth, Fulton, Gwinnett, Henry, Newton, Paulding, Pickens, Rockdale, Spalding, and Walton Counties
Augusta-Aiken .....	MSA	Columbia, McDuffie, and Richmond Counties, Ga.; Aiken and Edgefield Counties, S.C.
Columbus .....	MSA	Chattahoochee, Harris, and Muscogee Counties, Ga.; Russell County, Ala.
Macon .....	MSA	Bibb, Houston, Jones, Peach, and Twiggs Counties
Savannah .....	MSA	Bryan, Chatham, and Effingham Counties
<b>Hawaii</b>		
Honolulu .....	MSA	Honolulu County
<b>Idaho</b>		
Boise City .....	MSA	Ada and Canyon Counties
Pocatello .....	MSA	Bannock County
<b>Illinois</b>		
Bloomington-Normal .....	MSA	McLean County
Champaign-Urbana .....	MSA	Champaign County
Chicago .....	PMSA	Cook, DeKalb, DuPage, Grundy, Kane, Kendall, Lake, McHenry, and Will Counties
Davenport-Moline-Rock Island .....	MSA	Henry and Rock Island Counties, Ill.; Scott County, Iowa
Decatur .....	MSA	Macon County
Kankakee .....	PMSA	Kankakee County
Peoria-Pekin .....	MSA	Peoria, Tazewell, and Woodford Counties
Rockford .....	MSA	Boone, Ogle, and Winnebago Counties
Springfield .....	MSA	Menard and Sangamon Counties
<b>Indiana</b>		
Bloomington .....	MSA	Monroe County
Elkhart-Goshen .....	MSA	Elkhart County
Evansville-Henderson .....	MSA	Posey, Vanderburgh, and Warrick Counties, Ind.; Henderson County, Ky.
Fort Wayne .....	MSA	Adams, Allen, DeKalb, Huntington, Wells, and Whitley Counties
Gary .....	PMSA	Lake and Porter Counties
Indianapolis .....	MSA	Boone, Hamilton, Hancock, Hendricks, Johnson, Madison, Marion, Morgan, and Shelby Counties
Kokomo .....	MSA	Howard and Tipton Counties
Lafayette .....	MSA	Clinton and Tippecanoe Counties
Muncie .....	MSA	Delaware County
South Bend .....	MSA	St. Joseph County
Terre Haute .....	MSA	Clay, Vermillion, and Vigo Counties
<b>Iowa</b>		
Cedar Rapids .....	MSA	Linn County
Des Moines .....	MSA	Dallas, Polk, and Warren Counties
Dubuque .....	MSA	Dubuque County
Iowa City .....	MSA	Johnson County
Sioux City .....	MSA	Woodbury County, Iowa; Dakota County, Neb.

# Area definitions—Continued

State and area	Type of area	Definition
<b>Iowa—Continued</b>		
Waterloo-Cedar Falls .....	MSA	Black Hawk County
<b>Kansas</b>		
Lawrence .....	MSA	Douglas County
Topeka .....	MSA	Shawnee County
Wichita .....	MSA	Butler, Harvey, and Sedgwick Counties
<b>Kentucky</b>		
Lexington .....	MSA	Bourbon, Clark, Fayette, Jessamine, Madison, Scott, and Woodford Counties
Louisville .....	MSA	Bullitt, Jefferson, and Oldham Counties, Ky.; Clark, Floyd, Harrison, and Scott Counties, Ind.
Owensboro .....	MSA	Daviess County
<b>Louisiana</b>		
Alexandria .....	MSA	Rapides Parish
Baton Rouge .....	MSA	Ascension, East Baton Rouge, Livingston, and West Baton Rouge Parishes
Houma .....	MSA	Lafourche and Terrebonne Parishes
Lafayette .....	MSA	Acadia, Lafayette, St. Landry, and St. Martin Parishes
Lake Charles .....	MSA	Calcasieu Parish
Monroe .....	MSA	Ouachita Parish
New Orleans .....	MSA	Jefferson, Orleans, Plaquemines, St. Bernard, St. Charles, St. James, St. John the Baptist, and St. Tammany Parishes
Shreveport-Bossier City .....	MSA	Bossier, Caddo, and Webster Parishes
<b>Maine</b>		
Bangor .....	MSA	Bangor, Brewer, and Old Town cities; Eddington, Glenburn, Hampden, Hermon, Holden, Kenduskeag, Milford, Orono, Orrington, and Veazie towns; and the Penobscot Indian Island Indian Reservation in Penobscot County; Winterport town in Waldo County
Lewiston-Auburn .....	MSA	Auburn and Lewiston cities, and Greene, Lisbon, Mechanic Falls, Poland, Sabattus, Turner, and Wales towns in Androscoggin County
Portland .....	MSA	Portland, South Portland, and Westbrook cities, and Cape Elizabeth, Casco, Cumberland, Falmouth, Freeport, Gorham, Gray, Long Island, North Yarmouth, Raymond, Scarborough, Standish, Windham, and Yarmouth towns in Cumberland County; Buxton, Hollis, Limington, and Old Orchard Beach towns in York County
<b>Maryland</b>		
Baltimore .....	PMSA	Baltimore city, and Anne Arundel, Baltimore, Carroll, Harford, Howard, and Queen Anne's Counties
Baltimore City .....		Baltimore City
Cumberland .....	MSA	Allegany County, Md., and Mineral County, W.Va.
Hagerstown .....	PMSA	Washington County
Suburban Maryland-D.C. ....		Calvert, Charles, Frederick, Montgomery, and Prince George's Counties
<b>Massachusetts</b>		
Barnstable-Yarmouth .....	MSA	Barnstable city, and Brewster, Chatham, Dennis, Eastham, Harwich, Mashpee, Orleans, Sandwich, and Yarmouth towns in Barnstable County
Boston .....	PMSA	Taunton city, and Berkley, Dighton, Mansfield, and Norton towns in Bristol County; Beverly, Gloucester, Lynn, Newburyport, Peabody, and Salem cities, and Amesbury, Danvers, Essex, Hamilton, Ipswich, Lynnfield, Manchester-by-the-Sea, Marblehead, Middleton, Nahant, Newbury, Rockport, Rowley, Salisbury, Saugus, Swampscott, Topsfield, and Wenham towns in Essex County; Cambridge, Everett, Malden, Marlborough, Medford, Melrose, Newton, Somerville, Waltham, Watertown, and Woburn cities, and Acton, Arlington, Ashland, Ayer, Bedford, Belmont, Boxborough, Burlington, Carlisle, Concord, Framingham, Holliston, Hopkinton, Hudson, Lexington, Lincoln, Littleton, Maynard, Natick, North Reading, Reading, Sherborn, Shirley, Stoneham, Stow, Sudbury, Townsend, Wakefield,

# Area definitions—Continued

State and area	Type of area	Definition
<b>Massachusetts—Continued</b>		
Boston—Continued .....	PMSA	Wayland, Weston, Wilmington, and Winchester towns in Middlesex County; Franklin and Quincy cities, and Bellingham, Braintree, Brookline, Canton, Cohasset, Dedham, Dover, Foxborough, Holbrook, Medfield, Medway, Millis, Milton, Needham, Norfolk, Norwood, Plainville, Randolph, Sharon, Stoughton, Walpole, Wellesley, Westwood, Weymouth, and Wrentham towns in Norfolk County; Carver, Duxbury, Hanover, Hingham, Hull, Kingston, Marshfield, Norwell, Pembroke, Plymouth, Rockland, Scituate, and Wareham towns in Plymouth County; Boston, Chelsea, and Revere cities, and Winthrop town in Suffolk County; Berlin, Blackstone, Bolton, Harvard, Hopedale, Lancaster, Mendon, Milford, Milville, Southborough, and Upton towns in Worcester County, Mass.; Seabrook and South Hampton towns in Rockingham County, N.H.
Brockton .....	PMSA	Easton and Raynham towns in Bristol County; Avon town in Norfolk County; Brockton city, and Abington, Bridgewater, East Bridgewater, Halifax, Hanson, Lakeville, Middleborough, Plympton, West Bridgewater, and Whitman towns in Plymouth County
Fitchburg-Leominster .....	PMSA	Ashby town in Middlesex County; Fitchburg, Gardner, and Leominster cities, and Ashburnham, Lunenburg, Templeton, Westminster, and Winchendon towns in Worcester County
Lawrence .....	PMSA	Haverhill, Lawrence, and Methuen cities, and Andover, Boxford, Georgetown, Groveland, Merrimac, North Andover, and West Newbury towns in Essex County, Mass.; Atkinson, Chester, Danville, Derry, Fremont, Hampstead, Kingston, Newton, Plaistow, Raymond, Salem, Sandown, and Windham towns in Rockingham County, N.H.
Lowell .....	PMSA	Lowell city, and Billerica, Chelmsford, Dracut, Dunstable, Groton, Pepperell, Tewksbury, Tyngsborough, and Westford towns in Middlesex County, Mass.; Pelham town in Hillsborough County, N.H.
New Bedford .....	PMSA	New Bedford city, and Acushnet, Dartmouth, Fairhaven, and Freetown towns in Bristol County; Marion, Mattapoisett and Rochester towns in Plymouth County
Pittsfield .....	MSA	Pittsfield city, and Adams, Cheshire, Dalton, Hinsdale, Lanesborough, Lee, Lenox, Richmond, and Stockbridge towns in Berkshire County
Springfield .....	MSA	Sunderland town in Franklin County; Agawam, Chicopee, Holyoke, Springfield, and Westfield cities, and East Longmeadow, Hampden, Longmeadow, Ludlow, Monson, Montgomery, Palmer, Russell, Southwick, West Springfield, and Wilbraham towns in Hampden County; Northampton city, and Amherst, Belchertown, Easthampton, Granby, Hadley, Hatfield, Huntington, Southampton, South Hadley, Ware, and Williamsburg towns in Hampshire County
Worcester .....	PMSA	Holland town in Hampden County; Worcester city, and Auburn, Barre, Boylston, Brookfield, Charlton, Clinton, Douglas, Dudley, East Brookfield, Grafton, Holden, Leicester, Millbury, Northborough, Northbridge, North Brookfield, Oakham, Oxford, Paxton, Princeton, Rutland, Shrewsbury, Southbridge, Spencer, Sterling, Sturbridge, Sutton, Uxbridge, Webster, Westborough, West Boylston, and West Brookfield towns in Worcester County, Mass.; Thompson town in Windham County, Conn.
<b>Michigan</b>		
Ann Arbor .....	PMSA	Lenawee, Livingston, and Washtenaw Counties
Benton Harbor .....	MSA	Berrien County
Detroit .....	PMSA	Lapeer, Macomb, Monroe, Oakland, St. Clair, and Wayne Counties
Flint .....	PMSA	Genesee County
Grand Rapids-Muskegon-Holland .....	MSA	Allegan, Kent, Muskegon, and Ottawa Counties
Jackson .....	MSA	Jackson County
Kalamazoo-Battle Creek .....	MSA	Calhoun, Kalamazoo, and Van Buren Counties
Lansing-East Lansing .....	MSA	Clinton, Eaton, and Ingham Counties

# Area definitions—Continued

State and area	Type of area	Definition
<b>Michigan—Continued</b>		
Saginaw-Bay City-Midland .....	MSA	Bay, Midland, and Saginaw Counties
<b>Minnesota</b>		
Duluth-Superior .....	MSA	St. Louis County, Minn.; Douglas County, Wis.
Minneapolis-St. Paul .....	MSA	Anoka, Carver, Chisago, Dakota, Hennepin, Isanti, Ramsey, Scott, Sherburne, Washington, and Wright Counties, Minn.; Pierce and St. Croix Counties, Wis.
Rochester .....	MSA	Olmsted County
St. Cloud .....	MSA	Benton and Stearns Counties
<b>Mississippi</b>		
Biloxi-Gulfport-Pascagoula .....	MSA	Hancock, Harrison, and Jackson Counties
Hattiesburg .....	MSA	Forrest and Lamar Counties
Jackson .....	MSA	Hinds, Madison, and Rankin Counties
<b>Missouri</b>		
Columbia .....	MSA	Boone County
Joplin .....	MSA	Jasper and Newton Counties
Kansas City .....	MSA	Cass, Clay, Clinton, Jackson, Lafayette, Platte and Ray Counties, Mo.; Johnson, Leavenworth, Miami, and Wyandotte Counties, Kan.
St. Joseph .....	MSA	Andrew and Buchanan Counties
St. Louis .....	MSA <sup>1</sup>	St. Louis city, and Franklin, Jefferson, Lincoln, St. Charles, St. Louis, and Warren Counties, Mo.; Clinton, Jersey, Madison, Monroe, and St. Clair Counties, Ill.
Springfield .....	MSA	Christian, Greene, and Webster Counties
<b>Montana</b>		
Billings .....	MSA	Yellowstone County
Great Falls .....	MSA	Cascade County
Missoula .....	MSA	Missoula County
<b>Nebraska</b>		
Lincoln .....	MSA	Lancaster County
Omaha .....	MSA	Cass, Douglas, Sarpy, and Washington Counties, Neb.; Pottawattamie County, Iowa
<b>Nevada</b>		
Las Vegas .....	MSA	Clark and Nye Counties, Nev.; Mohave County, Ariz.
Reno .....	MSA	Washoe County
<b>New Hampshire</b>		
Manchester .....	PMSA	Manchester city, and Bedford, Goffstown, and Weare towns in Hillsborough County; Allenstown and Hooksett towns in Merrimack County; Auburn, Candia, and Londonderry towns in Rockingham County
Nashua .....	PMSA	Nashua city, and Amherst, Brookline, Greenville, Hollis, Hudson, Litchfield, Mason, Merrimack, Milford, Mont Vernon, New Ipswich, and Wilton towns in Hillsborough County
Portsmouth-Rochester .....	PMSA	Portsmouth city and Brentwood, East Kingston, Epping, Exeter, Greenland, Hampton, Hampton Falls, Kensington, New Castle, Newfields, Newington, Newmarket, North Hampton, Rye, and Stratham towns in Rockingham County; Dover, Rochester, and Somersworth cities, and Barrington, Durham, Farmington, Lee, Madbury, Milton, and Rollinsford towns in Strafford County, N.H.; and Berwick, Eliot, Kittery, South Berwick, and York towns in York County, Maine
<b>New Jersey</b>		
Atlantic-Cape May .....	PMSA	Atlantic and Cape May Counties
Bergen-Passaic .....	PMSA	Bergen and Passaic Counties
Camden .....	PMSA	Burlington, Camden, and Gloucester Counties
Jersey City .....	PMSA	Hudson County
Middlesex-Somerset-Hunterdon .....	PMSA	Hunterdon, Middlesex, and Somerset Counties
Monmouth-Ocean .....	PMSA	Monmouth and Ocean Counties
Newark .....	PMSA	Essex, Morris, Sussex, Union, and Warren Counties
Trenton .....	PMSA	Mercer County
Vineland-Millville-Bridgeton .....	PMSA	Cumberland County

# Area definitions—Continued

State and area	Type of area	Definition
<b>New Mexico</b>		
Albuquerque .....	MSA	Bernalillo, Sandoval, and Valencia Counties
Las Cruces .....	MSA	Dona Ana County
Santa Fe .....	MSA	Los Alamos and Santa Fe Counties
<b>New York</b>		
Albany-Schenectady-Troy .....	MSA	Albany, Montgomery, Rensselaer, Saratoga, Schenectady, and Schoharie Counties
Binghamton .....	MSA	Broome and Tioga Counties
Buffalo-Niagara Falls .....	MSA	Erie and Niagara Counties
Dutchess County .....	PMSA	Dutchess County
Elmira .....	MSA	Chemung County
Glens Falls .....	MSA	Warren and Washington Counties
Jamestown .....	MSA	Chautauqua County
Nassau-Suffolk .....	PMSA	Nassau and Suffolk Counties
New York .....	PMSA	Bronx, Kings, New York, Putnam, Queens, Richmond, Rockland, and Westchester Counties
New York City .....		Bronx, Kings, New York, Queens, and Richmond Counties
Newburgh .....	PMSA	Orange County, N.Y.; Pike County, Pa.
Rochester .....	MSA	Genesee, Livingston, Monroe, Ontario, Orleans, and Wayne Counties
Rockland County .....		Rockland County
Syracuse .....	MSA	Cayuga, Madison, Onondaga, and Oswego Counties
Utica-Rome .....	MSA	Herkimer and Oneida Counties
Westchester County .....		Westchester County
<b>North Carolina</b>		
Asheville .....	MSA	Buncombe and Madison Counties
Charlotte-Gastonia-Rock Hill .....	MSA	Cabarrus, Gaston, Lincoln, Mecklenburg, Rowan, and Union Counties, N.C.; York County, S.C.
Fayetteville .....	MSA	Cumberland County
Goldsboro .....	MSA	Wayne County
Greensboro-Winston-Salem-High Point .....	MSA	Alamance, Davidson, Davie, Forsyth, Guilford, Randolph, Stokes, and Yadkin Counties
Greenville .....	MSA	Pitt County
Hickory-Morganton-Lenoir .....	MSA	Alexander, Burke, Caldwell, and Catawba Counties
Jacksonville .....	MSA	Onslow County
Raleigh-Durham-Chapel Hill .....	MSA	Chatham, Durham, Franklin, Johnston, Orange, and Wake Counties
Rocky Mount .....	MSA	Edgecombe and Nash Counties
Wilmington .....	MSA	Brunswick and New Hanover Counties
<b>North Dakota</b>		
Bismarck .....	MSA	Burleigh and Morton Counties
Fargo-Moorhead .....	MSA	Cass County, N.D.; Clay County, Minn.
Grand Forks .....	MSA	Grand Forks County, N.D.; Polk County, Minn.
<b>Ohio</b>		
Akron .....	PMSA	Portage and Summit Counties
Canton-Massillon .....	MSA	Carroll and Stark Counties
Cincinnati .....	PMSA	Brown, Clermont, Hamilton, and Warren Counties, Ohio; Boone, Campbell, Gallatin, Grant, Kenton, and Pendleton Counties, Ky.; Dearborn and Ohio Counties, Ind.
Cleveland-Lorain-Elyria .....	PMSA	Ashtabula, Cuyahoga, Geauga, Lake, Lorain, and Medina Counties
Columbus .....	MSA	Delaware, Fairfield, Franklin, Licking, Madison, and Pickaway Counties
Dayton-Springfield .....	MSA	Clark, Greene, Miami, and Montgomery Counties
Hamilton-Middletown .....	PMSA	Butler County
Lima .....	MSA	Allen and Auglaize Counties
Mansfield .....	MSA	Crawford and Richland Counties
Steubenville-Weirton .....	MSA	Jefferson County, Ohio; Brooke and Hancock Counties, W. Va.
Toledo .....	MSA	Fulton, Lucas, and Wood Counties
Youngstown-Warren .....	MSA	Columbiana, Mahoning, and Trumbull Counties
<b>Oklahoma</b>		
Enid .....	MSA	Garfield County



## Area definitions—Continued

State and area	Type of area	Definition
<b>Oklahoma—Continued</b>		
Lawton .....	MSA	Comanche County
Oklahoma City .....	MSA	Canadian, Cleveland, Logan, McClain, Oklahoma, and Pottawatomie Counties
Tulsa .....	MSA	Creek, Osage, Rogers, Tulsa, and Wagoner Counties
<b>Oregon</b>		
Corvallis .....	MSA	Benton County
Eugene-Springfield .....	MSA	Lane County
Medford-Ashland .....	MSA	Jackson County
Portland-Vancouver .....	PMSA	Clackamas, Columbia, Multnomah, Washington, and Yamhill Counties, Ore.; Clark County, Wash.
Salem .....	PMSA	Marion and Polk Counties
<b>Pennsylvania</b>		
Allentown-Bethlehem-Easton .....	MSA	Carbon, Lehigh, and Northampton Counties
Altoona .....	MSA	Blair County
Erie .....	MSA	Erie County
Harrisburg-Lebanon-Carlisle .....	MSA	Cumberland, Dauphin, Lebanon, and Perry Counties
Johnstown .....	MSA	Cambria and Somerset Counties
Lancaster .....	MSA	Lancaster County
Philadelphia .....	PMSA	Bucks, Chester, Delaware, Montgomery, and Philadelphia Counties, Pa.; Burlington, Camden, Gloucester, and Salem Counties, N.J.
Philadelphia City .....		Philadelphia County
Pittsburgh .....	MSA	Allegheny, Beaver, Butler, Fayette, Washington, and Westmoreland Counties
Reading .....	MSA	Berks County
Scranton-Wilkes-Barre-Hazleton .....	MSA	Columbia, Lackawanna, Luzerne, and Wyoming Counties
Sharon .....	MSA	Mercer County
State College .....	MSA	Centre County
Williamsport .....	MSA	Lycoming County
York .....	MSA	York County
<b>Puerto Rico</b>		
Aguadilla .....	MSA	Aguada, Aguadilla, and Moca Municipios
Arecibo .....	PMSA	Arecibo, Camuy, and Hatillo Municipios
Caguas .....	PMSA	Caguas, Cayey, Cidra, Gurabo, and San Lorenzo Municipios
Mayaguez .....	MSA	Anasco, Cabo Rojo, Hormigueros, Mayaguez, Sabana Grande, and San German Municipios
Ponce .....	MSA	Guayanilla, Juana Diaz, Penuelas, Ponce, Villalba, and Yauco Municipios
San Juan-Bayamon .....	PMSA	Aguas Buenas, Barceloneta, Bayamon, Canovanas, Carolina, Catano, Ceiba, Comerio, Corozal, Dorado, Fajardo, Florida, Guaynabo, Humacao, Juncos, Las Piedras, Loiza, Luquillo, Manati, Morovis, Naguabo, Naranjito, Rio Grande, San Juan, Toa Alta, Toa Baja, Trujillo Alto, Vega Alta, Vega Baja, and Yabucoa Municipios
<b>Rhode Island</b>		
Providence-Fall River-Warwick .....	MSA	Barrington, Bristol, and Warren towns in Bristol County; Warwick city, and Coventry, East Greenwich, West Greenwich, and West Warwick towns in Kent County; Jamestown, Little Compton, and Tiverton towns in Newport County; Central Falls, Cranston, East Providence, Pawtucket, Providence, and Woonsocket cities, and Burrillville, Cumberland, Foster, Glocester, Johnston, Lincoln, North Providence, North Smithfield, Scituate, and Smithfield towns in Providence County; Charlestown, Exeter, Narragansett, North Kingstown, Richmond, and South Kingstown towns in Washington County, R.I.; Attleboro and Fall River cities, and North Attleboro, Rehoboth, Seekonk, Somerset, Swansea, and Westport towns in Bristol County, Mass.
<b>South Carolina</b>		
Charleston-North Charleston .....	MSA	Berkeley, Charleston, and Dorchester Counties
Columbia .....	MSA	Lexington and Richland Counties
Florence .....	MSA	Florence County
Greenville-Spartanburg-Anderson .....	MSA	Anderson, Cherokee, Greenville, Pickens, and Spartanburg Counties
Myrtle Beach .....	MSA	Horry County
Sumter .....	MSA	Sumter County

# Area definitions—Continued

State and area	Type of area	Definition
<b>South Dakota</b>		
Rapid City .....	MSA	Pennington County
Sioux Falls .....	MSA	Lincoln and Minnehaha Counties
<b>Tennessee</b>		
Chattanooga .....	MSA	Hamilton and Marion Counties, Tenn.; Catoosa, Dade, and Walker Counties, Ga.
Clarksville-Hopkinsville .....	MSA	Montgomery County, Tenn., Christian County, Ky.
Jackson .....	MSA	Chester and Madison Counties
Johnson City-Kingsport-Bristol .....	MSA	Carter, Hawkins, Sullivan, Unicoi, and Washington Counties, Tenn.; Bristol city, and Scott and Washington Counties, Va.
Knoxville .....	MSA	Anderson, Blount, Knox, Loudon, Sevier, and Union Counties
Memphis .....	MSA	Fayette, Shelby, and Tipton Counties, Tenn.; Crittenden County, Ark.; DeSoto County, Miss.
Nashville .....	MSA	Cheatham, Davidson, Dickson, Robertson, Rutherford, Sumner, Williamson, and Wilson Counties
<b>Texas</b>		
Abilene .....	MSA	Taylor County
Amarillo .....	MSA	Potter and Randall Counties
Austin-San Marcos .....	MSA	Bastrop, Caldwell, Hays, Travis, and Williamson Counties
Beaumont-Port Arthur .....	MSA	Hardin, Jefferson, and Orange Counties
Brazoria .....	PMSA	Brazoria County
Brownsville-Harlingen-San Benito .....	MSA	Cameron County
Bryan-College Station .....	MSA	Brazos County
Corpus Christi .....	MSA	Nueces and San Patricio Counties
Dallas .....	PMSA	Collin, Dallas, Denton, Ellis, Henderson, Hunt, Kaufman, and Rockwall Counties
El Paso .....	MSA	El Paso County
Fort Worth-Arlington .....	PMSA	Hood, Johnson, Parker, and Tarrant Counties
Galveston-Texas City .....	PMSA	Galveston County
Houston .....	PMSA	Chambers, Fort Bend, Harris, Liberty, Montgomery, and Waller Counties
Killeen-Temple .....	MSA	Bell and Coryell Counties
Laredo .....	MSA	Webb County
Longview-Marshall .....	MSA	Gregg, Harrison, and Upshur Counties
Lubbock .....	MSA	Lubbock County
McAllen-Edinburg-Mission .....	MSA	Hidalgo County
Odessa-Midland .....	MSA	Ector and Midland Counties
San Angelo .....	MSA	Tom Green County
San Antonio .....	MSA	Bexar, Comal, Guadalupe, and Wilson Counties
Sherman-Denison .....	MSA	Grayson County
Texarkana .....	MSA	Bowie County, Tex.; Miller County, Ark.
Tyler .....	MSA	Smith County
Victoria .....	MSA	Victoria County
Waco .....	MSA	McLennan County
Wichita Falls .....	MSA	Archer and Wichita Counties
<b>Utah</b>		
Provo-Orem .....	MSA	Utah County
Salt Lake City-Ogden .....	MSA	Davis, Salt Lake, and Weber Counties
<b>Vermont</b>		
Barre-Montpelier .....		East Granville town in Addison County; Groton and Ryegate towns in Caledonia County; Bolton and Huntington towns in Chittenden County; Bradford, Braintree, Brookfield, Chelsea, Corinth, Fairlee, Newbury, Orange, Randolph, Topsham, Vershire, Washington, West Fairlee, and Williamstown towns in Orange County; and Barre city and Barre, Berlin, Cabot, Calais, Duxbury, East Montpelier, Fayston, Marshfield, Middlesex, Montpelier, Moretown, Northfield, Plainfield, Roxbury, Waitsfield, Warren, and Waterbury towns in Washington County
Burlington .....	MSA	Burlington, South Burlington, and Winooski cities, and Charlotte, Colchester, Essex, Hinesburg, Jericho, Milton, Richmond, St. George, Shelburne, and Williston towns in Chittenden County; St. Albans city, and Fairfax, Georgia, St. Albans, and Swanton towns in Franklin County; Grand Isle and South Hero towns in Grand Isle County

## Area definitions—Continued

State and area	Type of area	Definition
<b>Virginia</b>		
Bristol .....		Bristol city, and Scott and Washington Counties
Charlottesville .....	MSA	Charlottesville city, and Albemarle, Fluvanna, and Greene Counties
Danville .....	MSA	Danville city and Pittsylvania County
Lynchburg .....	MSA	Bedford and Lynchburg cities, and Amherst, Bedford, and Campbell Counties
Norfolk-Virginia Beach-Newport News .....	MSA	Chesapeake, Hampton, Newport News, Norfolk, Poquoson, Portsmouth, Suffolk, Virginia Beach, and Williamsburg cities, and Gloucester, Isle of Wight, James City, Mathews, and York Counties, Va.; Currituck County, N.C.
Northern Virginia .....		Alexandria, Fairfax, Falls Church, Fredericksburg, Manassas, and Manassas Park cities, and Arlington, Clarke, Culpeper, Fairfax, Fauquier, King George, Loudoun, Prince William, Spotsylvania, Stafford, and Warren Counties
Richmond-Petersburg .....	MSA	Colonial Heights, Hopewell, Petersburg, and Richmond cities, and Charles City, Chesterfield, Dinwiddie, Goochland, Hanover, Henrico, New Kent, Powhatan, and Prince George Counties
Roanoke .....	MSA	Roanoke and Salem cities, and Botetourt and Roanoke Counties
<b>Washington</b>		
Bellingham .....	MSA	Whatcom County
Bremerton .....	PMSA	Kitsap County
Olympia .....	PMSA	Thurston County
Richland-Kennewick-Pasco .....	MSA	Benton and Franklin Counties
Seattle-Bellevue-Everett .....	PMSA	Island, King, and Snohomish Counties
Spokane .....	MSA	Spokane County
Tacoma .....	PMSA	Pierce County
Yakima .....	MSA	Yakima County
<b>West Virginia</b>		
Charleston .....	MSA	Kanawha and Putnam Counties
Huntington-Ashland .....	MSA	Cabell and Wayne Counties, W. Va.; Boyd, Carter, and Greenup Counties, Ky.; Lawrence County, Ohio
Parkersburg-Marietta .....	MSA	Wood County, W. Va.; Washington County, Ohio
Wheeling .....	MSA	Marshall and Ohio Counties, W. Va.; Belmont County, Ohio
<b>Wisconsin</b>		
Appleton-Oshkosh-Neenah .....	MSA	Calumet, Outagamie, and Winnebago Counties
Eau Claire .....	MSA	Chippewa and Eau Claire Counties
Green Bay .....	MSA	Brown County
Janesville-Beloit .....	MSA	Rock County
Kenosha .....	PMSA	Kenosha County
La Crosse .....	MSA	La Crosse County, Wis.; Houston County, Minn.
Madison .....	MSA	Dane County
Milwaukee-Waukesha .....	PMSA	Milwaukee, Ozaukee, Washington, and Waukesha Counties
Racine .....	PMSA	Racine County
Sheboygan .....	MSA	Sheboygan County
Wausau .....	MSA	Marathon County
<b>Wyoming</b>		
Casper .....	MSA	Natrona County
Cheyenne .....	MSA	Laramie County

<sup>1</sup> This is not the official Office of Management and Budget (OMB) Missouri definition. Excluded is the part of Sullivan City in Crawford County.

NOTE: These definitions are those used for the 337 metropolitan

areas published through the Local Area Unemployment Statistics (LAUS) program (table C-3). About 272 of these areas and other selected jurisdictions are published through the Current Employment Statistics (CES) program (tables B-14 and B-18).

# Explanatory Notes and Estimates of Error

## Introduction

The statistics in this periodical are compiled from two major sources: (1) household interviews, and (2) reports from employers.

*Data based on household interviews* are obtained from the Current Population Survey (CPS), a sample survey of the population 16 years of age and over. The survey is conducted each month by the U.S. Census Bureau for the Bureau of Labor Statistics and provides comprehensive data on the labor force, the employed, and the unemployed, classified by such characteristics as age, sex, race, family relationship, marital status, occupation, and industry attachment. The survey also provides data on the characteristics and past work experience of those not in the labor force. The information is collected by trained interviewers from a sample of about 50,000 households (beginning with January 1996 data) located in 754 sample areas. These areas are chosen to represent all counties and independent cities in the United States, with coverage in 50 States and the District of Columbia. The data collected are based on the activity or status reported for the calendar week including the 12th of the month.

*Data based on establishment records* are compiled each month from mail questionnaires and telephone interviews by the Bureau of Labor Statistics, in cooperation with State agencies. The Current Employment Statistics (CES) survey is designed to provide industry information on nonfarm wage and salary employment, average weekly hours, average hourly earnings, and average weekly earnings for the Nation, States, and metropolitan areas. The employment, hours, and earnings series are based on payroll reports from a sample of about 390,000 establishments employing about 48 million nonfarm wage and salary workers. The data relate to all workers, full or part time, who receive pay during the payroll period which includes the 12th of the month.

### RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data complement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics, for example, are obtained only from the household survey, whereas detailed industrial classifications are much more reliably derived from establishment reports.

Data from these two sources differ from each other because of variations in definitions and coverage, source of information, methods of collection, and estimating procedures. Sampling variability and response errors are additional reasons for discrepancies. The major factors which have a differential effect on the levels and trends of the two data series are as follows.

### Employment

**Coverage.** The household survey definition of employment comprises wage and salary workers (including domestics and other private household workers), self-employed persons, and unpaid workers who worked 15 hours or more during the reference week in family-operated enterprises. Employment in both agricultural and nonagricultural industries is included. The payroll survey covers only wage and salary employees on the payrolls of nonfarm establishments.

**Multiple jobholding.** The household survey provides information on the work status of the population without duplication, since each person is classified as employed, unemployed, or not in the labor force. Employed persons holding more than one job are counted only once. In the figures based on establishment reports, persons who worked in more than one establishment during the reporting period are counted each time their names appear on payrolls.

**Unpaid absences from jobs.** The household survey includes among the employed all civilians who had jobs but were not at work during the reference week—that is, were not working but had jobs from which they were temporarily absent because of illness, vacation, bad weather, childcare problems, labor-management disputes, or because they were taking time off for various other reasons, even if they were not paid by their employers for the time off. In the figures based on payroll reports, persons on leave paid for by the company are included, but those on leave without pay for the entire payroll period are not.

### Hours of work

The household survey measures hours worked for all workers whereas the payroll survey measures hours for private production and nonsupervisory workers paid for by

employers. In the household survey, all persons with a job but not at work are excluded from the hours distributions and the computations of average hours at work. In the payroll survey, production or nonsupervisory employees on paid vacation, paid holiday, or paid sick leave are included and assigned the number of hours for which they were paid during the reporting period.

### Earnings

The household survey measures the earnings of wage and salary workers in all occupations and industries in both the private and public sectors. Data refer to the usual earnings received from the worker's sole or primary job. Data from the establishment survey generally refer to average earnings of production and related workers in mining and manufacturing, construction workers in construction, and nonsupervisory employees in private service-producing industries. For a comprehensive discussion of the various earnings series available from the household and establishment surveys, see *BLS Measures of Compensation*, BLS Bulletin 2239 (1986).

### COMPARABILITY OF HOUSEHOLD DATA WITH OTHER SERIES

**Unemployment insurance data.** The unemployed total from the household survey includes all persons who did not have a job during the reference week, were currently available for a job, and were looking for work or were waiting to be called back to a job from which they had been laid off, whether or not they were eligible for unemployment insurance. Figures on unemployment insurance claims, prepared by the Employment and Training Administration of the U.S. Department of Labor, exclude, in addition to otherwise ineligible persons who do not file claims for benefits, persons who have exhausted their benefit rights, new workers who have not earned rights to unemployment insurance, and persons losing jobs not covered by unemployment insurance systems (some workers in agriculture, domestic services, and religious organizations, and self-employed and unpaid family workers).

In addition, the qualifications for drawing unemployment compensation differ from the definition of unemployment used in the household survey. For example, persons with a job but not at work and persons working only a few hours during the week are sometimes eligible for unemployment compensation but are classified as employed rather than unemployed in the household survey.

**Agricultural employment estimates of the U.S. Department of Agriculture.** The principal differences in coverage are the inclusion of persons under 16 in the National Agricultural Statistics Service series and the treatment of dual jobholders, who are counted more than once if they work on more than one farm during the reporting period. There are also wide differences in sampling techniques and data collecting and estimating methods, which cannot be readily measured in terms of their impact on differences in the levels and trends of the two series.

### COMPARABILITY OF PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

**Statistics on manufacturers and business, U.S. Census Bureau.** BLS establishment statistics on employment differ from employment counts derived by the U.S. Census Bureau from its censuses or sample surveys of manufacturing and business establishments. The major reasons for noncomparability are different treatment of business units considered parts of an establishment, such as central administrative offices and auxiliary units; the industrial classification of establishments; and different reporting patterns by multiunit companies. There are also differences in the scope of the industries covered, e.g., the Census of Business excludes professional services, public utilities, and financial establishments, whereas these are included in the BLS statistics.

**County Business Patterns, U.S. Census Bureau.** Data in *County Business Patterns* (CBP) differ from BLS establishment statistics in the treatment of central administrative offices and auxiliary units. Differences may also arise because of industrial classification and reporting practices. In addition, CBP excludes interstate railroads and most of government, and coverage is incomplete for some of the nonprofit agencies.

**Employment covered by State unemployment insurance programs.** Most nonfarm wage and salary workers are covered by the unemployment insurance programs. However, some employees, such as those working in parochial schools and churches, are not covered by unemployment insurance, whereas they are included in the BLS establishment statistics.

# Household Data

## ("A" tables, monthly; "D" tables, quarterly)

### COLLECTION AND COVERAGE

Statistics on the employment status of the population and related data are compiled by BLS using data from the Current Population Survey (CPS). This monthly survey of households is conducted for BLS by the U.S. Census Bureau through a scientifically selected sample designed to represent the civilian noninstitutional population. Respondents are interviewed to obtain information about the employment status of each member of the household 16 years of age and over. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, which includes the 12th day of the month. This is known as the "reference week." Actual field interviewing is conducted in the following week, referred to as the "survey week."

Each month about 50,000 occupied units are eligible for interview. Some 3,200 of these households are contacted but interviews are not obtained because the occupants are not at home after repeated calls or are unavailable for other reasons. This represents a noninterview rate for the survey that ranges between 6 and 7 percent. In addition to the 50,000 occupied units, there are about 9,000 sample units in an average month which are visited but found to be vacant or otherwise not eligible for enumeration. Part of the sample is changed each month. The rotation plan, as will be explained later, provides for three-fourths of the sample to be common from one month to the next, and one-half to be common with the same month a year earlier.

### CONCEPTS AND DEFINITIONS

The concepts and definitions underlying labor force data have been modified, but not substantially altered, since the inception of the survey in 1940; those in use as of January 1994 are as follows:

**Civilian noninstitutional population.** Included are persons 16 years of age and older residing in the 50 States and the District of Columbia who are not inmates of institutions (e.g., penal and mental facilities, homes for the aged), and who are not on active duty in the Armed Forces.

**Employed persons.** All persons who, during the reference week, (a) did any work at all (at least 1 hour) as paid employees, worked in their own business, profession, or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of vacation, illness, bad weather, child-care problems, maternity or paternity leave, labor-management dispute, job training, or other family or personal reasons, whether or not they were paid for the time off or were seeking other jobs.

Each employed person is counted only once, even if he or she holds more than one job. For purposes of occupation and industry classification, multiple jobholders are counted in the job at which they worked the greatest number of hours during the reference week.

Included in the total are employed citizens of foreign countries who are temporarily in the United States but not living on the premises of an embassy. Excluded are persons whose only activity consisted of work around their own house (painting, repairing, or own home housework) or volunteer work for religious, charitable, and other organizations.

**Unemployed persons.** All persons who had no employment during the reference week, were available for work, except for temporary illness, and had made specific efforts to find employment some time during the 4-week-period ending with the reference week. Persons who were waiting to be recalled to a job from which they had been laid off need not have been looking for work to be classified as unemployed.

**Duration of unemployment.** This represents the length of time (through the current reference week) that persons classified as unemployed had been looking for work. For persons on layoff, duration of unemployment represents the number of full weeks they had been on layoff. Mean duration is the arithmetic average computed from single weeks of unemployment; median duration is the midpoint of a distribution of weeks of unemployment.

**Reason for unemployment.** Unemployment is also categorized according to the status of individuals at the time they began to look for work. The reasons for unemployment are divided into five major groups: (1) *Job losers*, comprised of (a) persons *on temporary layoff*, who have been given a date to return to work or who expect to return within 6 months (persons on layoff need not be looking for work to qualify as unemployed), and (b) *permanent job losers*, whose employment ended involuntarily and who began looking for work; (2) *Job leavers*, persons who quit or otherwise terminated their employment voluntarily and immediately began looking for work; (3) *Persons who completed temporary jobs*, who began looking for work after the jobs ended; (4) *Reentrants*, persons who previously worked but were out of the labor force prior to beginning their job search; and (5) *New entrants*, persons who never worked. Each of these five categories of the unemployed can be expressed as a proportion of the entire civilian labor force; the sum of the four rates thus equals the unemployment rate for all civilian workers. (For statistical presentation purposes, "job losers" and "persons who completed temporary jobs" are combined into a single category until seasonal adjustments can be developed for the separate categories.)

**Jobseekers.** All unemployed persons who made specific efforts to find a job sometime during the 4-week period preceding the survey week are classified as jobseekers. Jobseekers do not include persons classified as on temporary layoff, who although often looking for work, are not required to do so to be classified as unemployed. Jobseekers are grouped by the methods used to seek work. Only active methods—which have the potential to result in a job offer without further action on the part of the jobseeker—qualify as job search. Examples include going to an employer directly or to a public or private employment agency, seeking assistance from friends or relatives, placing or answering ads, or using some other active method. Examples of the “other” category include being on a union or professional register, obtaining assistance from a community organization, or waiting at a designated labor pickup point. Passive methods, which do not qualify as job search, include reading (as opposed to answering or placing) “help wanted” ads and taking a job training course.

**Labor force.** This group comprises all persons classified as employed or unemployed in accordance with the criteria described above.

**Unemployment rate.** The unemployment rate represents the number unemployed as a percent of the labor force.

**Participation rate.** This represents the proportion of the population that is in the labor force.

**Employment-population ratio.** This represents the proportion of the population that is employed.

**Not in the labor force.** Included in this group are all persons in the civilian noninstitutional population who are neither employed nor unemployed. Information is collected on their desire for and availability to take a job at the time of the CPS interview, job search activity in the prior year, and reason for not looking in the 4-week period prior to the survey week. This group includes discouraged workers, defined as persons not in the labor force who want and are available for a job and who have looked for work sometime in the past 12 months (or since the end of their last job if they held one within the past 12 months), but are not currently looking, because they believe there are no jobs available or there are none for which they would qualify.

Persons classified as not in the labor force who are in the sample for either their fourth or eighth month are asked additional questions relating to job history and workseeking intentions. These latter data are available on a quarterly basis.

**Occupation, industry, and class of worker.** This information for the employed applies to the job held in the reference week. Persons with two or more jobs are classified in the job at which they worked the greatest number of hours. The unemployed are classified according to their last job. The occupational and industrial classification of CPS data is based on the coding systems used in the 1990 census.

The class-of-worker breakdown assigns workers to the

following categories: Private and government wage and salary workers, self-employed workers, and unpaid family workers. Wage and salary workers receive wages, salary, commissions, tips, or pay in kind from a private employer or from a government unit. Self-employed persons are those who work for profit or fees in their own business, profession, trade, or farm. Only the unincorporated self-employed are included in the self-employed category in the class of worker typology. Self-employed persons who respond that their businesses are incorporated are included among wage and salary workers, because technically, they are paid employees of a corporation. Unpaid family workers are persons working without pay for 15 hours a week or more on a farm or in a business operated by a member of the household to whom they are related by birth or marriage.

**Multiple jobholders.** These are employed persons who, during the reference week, had either two or more jobs as a wage and salary worker, were self-employed and also held a wage and salary job, or worked as an unpaid family worker and also held a wage and salary job. Excluded are self-employed persons with multiple businesses and persons with multiple jobs as unpaid family workers.

**Hours of work.** These statistics relate to the actual number of hours worked during the reference week. For example, persons who normally work 40 hours a week but were off on the Columbus Day holiday would be reported as working 32 hours, even though they were paid for the holiday. For persons working in more than one job, the published figures relate to the number of hours worked in all jobs during the week; all the hours are credited to the major job. Unpublished data are available for the hours worked in each job and for usual hours.

**At work part time for economic reasons.** Sometimes referred to as involuntary part time, this category refers to individuals who gave an economic reason for working 1 to 34 hours during the reference week. Economic reasons include slack work or unfavorable business conditions, inability to find full-time work, and seasonal declines in demand. Those who usually work part time must also indicate that they want and are available to work full time to be classified as on part time for economic reasons.

**At work part time for noneconomic reasons.** This group includes those persons who usually work part time and were at work 1 to 34 hours during the reference week for a noneconomic reason. Noneconomic reasons include, for example: Illness or other medical limitations, child-care problems or other family or personal obligations, school or training, retirement or Social Security limits on earnings, and being in a job where full-time work is less than 35 hours. The group also includes those who gave an economic reason for usually working 1 to 34 hours but said they do not want to work full time or were unavailable for such work.

**Usual full- or part-time status.** Data on persons “at work”

exclude persons who were temporarily absent from a job and therefore classified in the zero-hours-worked category, "with a job but not at work." These are persons who were absent from their jobs for the entire week for such reasons as bad weather, vacation, illness, or involvement in a labor dispute. In order to differentiate a person's normal schedule from their activity during the reference week, persons are also classified according to their usual full- or part-time status. In this context, *full-time workers* are those who usually worked 35 hours or more (at all jobs combined). This group will include some individuals who worked less than 35 hours in the reference week for either economic or noneconomic reasons and those who are temporarily absent from work. Similarly, *part-time workers* are those who usually work less than 35 hours per week (at all jobs), regardless of the number of hours worked in the reference week. This may include some individuals who actually worked more than 34 hours in the reference week, as well as those who are temporarily absent from work. The *full-time labor force* includes all employed persons who usually work full time and unemployed persons who are either looking for full-time work or are on layoff from full-time jobs. The *part-time labor force* consists of employed persons who usually work part time and unemployed persons who are seeking or are on layoff from part-time jobs. Unemployment rates for full- and part-time workers are calculated using the concepts of the *full- and part-time labor force*.

**White, black, and other.** These are terms used to describe the race of persons. Included in the "other" group are American Indians, Alaskan Natives, and Asians and Pacific Islanders. Because of the relatively small sample size, data for "other" races are not published. In the enumeration process, race is determined by the household respondent.

**Hispanic origin.** This refers to persons who identified themselves in the enumeration process as Mexican, Puerto Rican, Cuban, Central or South American, or of other Hispanic origin or descent. Persons of Hispanic origin may be of any race; thus they are included in both the white and black population groups.

**Vietnam-era veterans.** These are persons who served in the Armed Forces of the United States between August 5, 1964, and May 7, 1975. Published data are limited to men in the civilian noninstitutional population; i.e., veterans in institutions and women are excluded. Nonveterans are persons who never served in the Armed Forces.

**Usual weekly earnings.** Data represent earnings before taxes and other deductions, and include any overtime pay, commissions, or tips usually received (at the main job in the case of multiple jobholders.) Earnings reported on a basis other than weekly (e.g., annual, monthly, hourly) are converted to weekly. The term "usual" is as perceived by the respondent. If the respondent asks for a definition of usual, interviewers are instructed to define the term as more than half the weeks worked during the past 4 or 5 months. Data refer to wage and salary workers (excluding all self-

employed persons regardless of whether or not their businesses were incorporated) who usually work full time on their sole or primary job.

**Median earnings.** These figures indicate the value which divides the earnings distribution into two equal parts, one part having values above the median and the other having values below the median. The medians as shown in this publication are calculated by linear interpolation of the \$50 centered interval within which each median falls. Data expressed in constant dollars are deflated by the Consumer Price Index for All Urban Consumers (CPI-U).

**Single, never married; married, spouse present; and other marital status.** These are the terms used to define the marital status of individuals at the time of interview. Married, spouse present, applies to husband and wife if both were living in the same household, even though one may be temporarily absent on business, vacation, on a visit, in a hospital, etc. Other marital status applies to persons who are married, spouse absent; widowed; or divorced. Married, spouse absent relates to persons who are separated due to marital problems, as well as husbands and wives who are living apart because one or the other was employed elsewhere, on duty with the Armed Forces, or any other reasons.

**Household.** A household consists of all persons—related family members and all unrelated persons—who occupy a housing unit and have no other usual address. A house, an apartment, a group of rooms, or a single room is regarded as a housing unit when occupied or intended for occupancy as separate living quarters. A *householder* is the person (or one of the persons) in whose name the housing unit is owned or rented. The term is never applied to either husbands or wives in married-couple families but relates only to persons in families maintained by either men or women without a spouse.

**Family.** A family is defined as a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent.

## HISTORICAL COMPARABILITY

### Changes in concepts and methods

While current survey concepts and methods are very similar to those introduced at the inception of the survey in 1940, a number of changes have been made over the years to improve the accuracy and usefulness of the data. Some of the most important changes include:

- In 1945, the questionnaire was radically changed with the introduction of four basic employment questions. Prior to that time, the survey did not contain specific question wording, but rather relied on a complicated scheme of activity prioritization.



- In 1953, The current 4-8-4 rotation system was adopted, whereby households are interviewed for 4 consecutive months, leave the sample for 8 months, and then return to the sample for the same 4 months of the following year. Before this system was introduced, households were interviewed for 6 consecutive months and then replaced. The new system provided some year-to-year overlap in the sample, thereby improving measurement over time.

- In 1955, The survey reference week was changed to the calendar week including the 12th day of the month, for greater consistency with the reference period used for other labor-related statistics. Previously, the calendar week containing the 8th day of the month had been used as the reference week.

- In 1957, The employment definition was modified slightly as a result of a comprehensive interagency review of labor force concepts and methods. Two relatively small groups of persons classified as employed, under "with a job but not at work," were assigned to different classifications. Persons on layoff with definite instructions to return to work within 30 days of the layoff date, and persons volunteering that they were waiting to start a new wage and salary job within 30 days of interview, were, for the most part, reassigned to the unemployed classification. The only exception was the small subgroup in school during the reference week but waiting to start new jobs, which was transferred to not in the labor force.

- In 1967, More substantive changes were made as a result of the recommendations of the President's Committee to Appraise Employment and Unemployment Statistics (the Gordon Committee). The principal improvements were as follows:

- a) A 4-week job search period and specific questions on jobseeking activity were introduced. Previously, the questionnaire was ambiguous as to the time period for jobseeking and there were no specific questions concerning job search methods.

- b) An availability test was introduced whereby a person must be currently available for work in order to be classified as unemployed. Previously, there was no such requirement. This revision to the concept mainly affected students, who, for example, may begin to look for summer jobs in the spring although they will not be available until June or July. Such persons, until 1967, had been classified as unemployed but since have been assigned to the "not in the labor force" category.

- c) Persons "with a job but not at work" because of strikes, bad weather, etc., who volunteered that they were looking for work, were shifted from unemployed status to employed.

- d) The lower age limit for official statistics on employment, unemployment, and other labor force concepts was raised from 14 to 16 years. Historical data for most major series have been revised to provide consistent information based on the new minimum age limit.

- e) New questions were added to obtain additional information on persons not in the labor force, including those referred to as "discouraged workers," defined as persons who indicate that they want a job but are not currently looking because they believe there are no jobs available or none for which they would qualify.

- f) New "probing" questions were added to the questionnaire in order to increase the reliability of information on hours of work, duration of unemployment, and self-employment.

- In 1994, Major changes to the Current Population Survey (CPS) were introduced, which included a complete redesign of the questionnaire and the use of computer-assisted interviewing for the entire survey. In addition, there were revisions to some of the labor force concepts and definitions, including the implementation of some changes recommended in 1979 by the National Commission on Employment and Unemployment Statistics (NCEUS, also known as the Levitan Commission). Some of the major changes to the survey were:

- a) The introduction of a redesigned and automated questionnaire. The CPS questionnaire was totally redesigned in order to obtain more accurate, comprehensive, and relevant information, and to take advantage of state-of-the-art computer interviewing techniques.

- b) The addition of two, more objective, criteria to the definition of discouraged workers. Prior to 1994, to be classified as a discouraged worker, a person must have wanted a job and be reported as not currently looking because of a belief that no jobs were available or that there were none for which he or she would qualify. Beginning in 1994, persons classified as discouraged must also have looked for a job within the past year (or since their last job, if they worked during the year), and must have been available for work during the reference week (a direct question on availability was added in 1994; prior to 1994, availability had been inferred from responses to other questions). These changes were made because the NCEUS and others felt that the previous definition of discouraged workers was too subjective, relying mainly on an individual's stated desire for a job and not on prior testing of the labor market.

- c) Similarly, the identification of persons employed part time for economic reasons (working less than 35 hours in the reference week because of poor business conditions or because of an inability to find full-time work) was tightened by adding two new criteria for persons who usually work part time: They must want and be available for full-time work. Previously, such information was inferred. (Persons who usually work full time but worked part time for an economic reason during the reference week are assumed to meet these criteria.)

- d) Specific questions were added about the expectation of recall for persons who indicate that they are on layoff. To be classified as "on temporary layoff," persons must ex-

pect to be recalled to their jobs. Previously, the questionnaire did not include explicit questions about the expectation of recall.

e) Persons volunteering that they were waiting to start a new job within 30 days must have looked for work in the 4 weeks prior to the survey in order to be classified as unemployed. Previously, such persons did not have to meet the job search requirement in order to be included among the unemployed.

For additional information on changes in CPS concepts and methods, see *Concepts and Methods used in Labor Force Statistics Derived from the Current Population Survey*, BLS Report 463, October 1976 and "Overhauling the Current Population Survey—Why is it Necessary to Change?," "Redesigning the Questionnaire," and "Evaluating Changes in the Estimates," *Monthly Labor Review*, September 1993, and "Revisions in the Current Population Survey Effective January 1994," in the February 1994 issue of this publication.

### **Noncomparability of labor force levels**

In addition to the refinements in concepts, definitions, and methods made over the years, other changes have also affected the comparability of the labor force data.

- Beginning in 1953, as a result of introducing data from the 1950 census into the estimating procedures, population levels were raised by about 600,000; labor force, total employment, and agricultural employment were increased by about 350,000, primarily affecting the figures for totals and men; other categories were relatively unaffected.

- Beginning in 1960, the inclusion of Alaska and Hawaii resulted in an increase of about 500,000 in the population and about 300,000 in the labor force. Four-fifths of this increase was in nonagricultural employment; other labor force categories were not appreciably affected.

- Beginning in 1962, the introduction of data from the 1960 census reduced the population by about 50,000 and labor force and employment by about 200,000; unemployment totals were virtually unchanged.

- Beginning in 1972, information from the 1970 census was introduced into the estimation procedures, increasing the population by about 800,000; labor force and employment totals were raised by a little more than 300,000; unemployment levels and rates were essentially unchanged.

- In March 1973, a subsequent population adjustment based on the 1970 census was introduced. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000.

Unemployment levels and rates were not significantly affected.

- Beginning in January 1974, the method used to prepare independent estimates of the civilian noninstitutional population was modified to an "inflation-deflation" approach. This change in the derivation of the estimates had its greatest impact on estimates of 20- to 24-year-old men—particularly those of the black-and-other population—but had little effect on estimates of the total population 16 years and over. Additional information on the adjustment procedure appears in "CPS Population Controls Derived from Inflation-Deflation Method of Estimation," in the February 1974 issue of this publication.

- Effective in July 1975, as a result of the large inflow of Vietnamese refugees into the United States, the total and black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—(30,000 men and 46,000 women). The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, with all of the changes being confined to the "other" component of the population.

- Beginning in January 1978, the introduction of an expansion in the sample and revisions in the estimation procedures resulted in an increase of about 250,000 in the civilian labor force and employment totals; unemployment levels and rates were essentially unchanged. An explanation of the procedural changes and an indication of the differences appear in "Revisions in the Current Population Survey in January 1978" in the February 1978 issue of this publication.

- Beginning in October 1978, the race of the individual was determined by the household respondent for the incoming rotation group households, rather than by the interviewer as before. The purpose of this change was to provide more accurate estimates of characteristics by race. Thus, in October 1978, one-eighth of the sample households had race determined by the household respondent and seven-eighths of the sample households had race determined by interviewer observation. It was not until January 1980 that the entire sample had race determined by the household respondent. The new procedure had no significant effect on the estimates.

- Beginning in January 1979, the first-stage ratio adjustment method was changed in the CPS estimation procedure. Differences between the old and new procedures existed only for metropolitan and nonmetropolitan area estimates, not for the total United States. The reasoning behind the change and an indication of the differences appear in "Revisions in the Current Population Survey in January 1979" in the February 1979 issue of this publication.

- Beginning in January 1982, the second-stage ratio adjustment method was changed. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1982" in the Feb-

ruary 1982 issue of this publication. In addition, current population estimates used in the second-stage estimation procedure were derived from information obtained from the 1980 census, rather than the 1970 census. This change caused substantial increases in the total population and in the estimates of persons in all labor force categories. Rates for labor force characteristics, however, remained virtually unchanged. Some 30,000 labor force series were adjusted back to 1970 to avoid major breaks in series. The adjustment procedure used also is described in the February 1982 article cited above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 (described above), and data users should consider them when comparing estimates from different periods.

- Beginning in January 1983, the first-stage ratio adjustment method was updated to incorporate data from the 1980 census. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of this publication. There were only slight differences between the old and new procedures in estimates of levels for the various labor force characteristics and virtually no differences in estimates of participation rates.

- Beginning in January 1985, most of the steps of the CPS estimation procedure—the noninterview adjustment, the first- and second-stage ratio adjustments, and the composite estimator—were revised. These procedures are described in the Estimating Methods section. A description of the changes and an indication of their effect on national estimates of labor force characteristics appear in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1985" in the February 1985 issue of this publication. Overall, the revisions had only a slight effect on most estimates. The greatest impact was on estimates of persons of Hispanic origin. Major estimates were revised back to January 1980.

- Beginning in January 1986, the population controls used in the second-stage ratio adjustment method were revised to reflect an explicit estimate of the number of undocumented immigrants (largely Hispanic) since 1980 and an improved estimate of the number of emigrants among legal foreign-born residents for the same time period. As a result, the total civilian population and labor force estimates were raised by nearly 400,000; civilian employment was increased by about 350,000. The Hispanic-origin population and labor force estimates were raised by about 425,000 and 305,000, respectively, and Hispanic employment by 270,000. Overall and subgroup unemployment levels and rates were not significantly affected. Because of the magnitude of the adjustments for Hispanics, data were revised back to January 1980 to the extent possible. An explanation of the changes and their effect on estimates of labor force characteristics appear in "Changes in the Estimation Procedure in the Current Population Survey Beginning in January 1986" in the February 1986 issue of this publication.

- Beginning in August 1989, the second-stage ratio estimate cells were changed slightly to decrease the chance of very small cells occurring and to be more consistent with published age, sex, race cells. This change had virtually no effect on national estimates.

- Beginning in January 1994, 1990 census-based population controls, adjusted for the estimated undercount, were introduced into the second stage estimation procedure. This change resulted in substantial increases in total population and in all major labor force categories. Effective February 1996, these controls were introduced into the estimates for 1990-93. Under the new population controls, the civilian noninstitutional population for 1990 increased by about 1.1 million, employment by about 880,000, and unemployment by approximately 175,000. The overall unemployment rate rose by about 0.1 percentage point. For further information, see "Revisions in the Current Population Survey Effective January 1994," and "Revisions in Household Survey Data Effective February 1996" in the February 1994 and March 1996 issues, respectively, of this publication.

Additionally, for the period January through May 1994, the composite estimation procedure was suspended due to technical and logistical reasons.

- Beginning in January 1997, the population controls used in the second-stage ratio adjustment method were revised to reflect updated information on the demographic characteristics of immigrants to, and emigrants from, the United States. As a result, the civilian noninstitutional population 16 years and over was raised by about 470,000. The labor force and employment levels were increased by about 320,000 and 290,000, respectively. The Hispanic-origin population and labor force estimates were raised by about 450,000 and 250,000, respectively, and Hispanic employment by 325,000. Overall and subgroup unemployment rates and other percentages of labor market participation were not affected. An explanation of the changes and their effect on national labor force estimates appear in "Revisions in the Current Population Survey Effective January 1997" in the February 1997 issue of this publication.

- Beginning in January 1998, new composite estimation procedures and minor revisions in the population controls were introduced into the household survey. The new composite estimation procedures simplify processing of the monthly labor force data at BLS, allow users of the survey microdata to replicate more easily the official estimates released by BLS, and increase the reliability of the employment and labor force estimates. The new procedures also produce somewhat lower estimates of the civilian labor force and employment and slightly higher estimates of unemployment. For example, based on 1997 annual average data, using old and new composite weights, the differences were as follows: Civilian labor force (-229,000), total employed (-256,000), and total unemployed (+27,000). Unemployment rates were not significantly affected.

Also beginning in January 1998, the population controls

used in the survey were revised to reflect new estimates of legal immigration to the U.S. and a change in the method for projecting the emigration of foreign-born legal residents. As a result, the Hispanic-origin population was raised by about 57,000; however, the total civilian noninstitutional population 16 years and over was essentially unchanged. More detailed information on these changes and their effect on the estimates of labor force change and composition appear in "Revisions in the Current Population Survey Effective January 1998," in the February 1998 issue of this publication.

- Beginning in January 1999, the population controls used in the survey were revised to reflect newly updated information on immigration. As a result, the civilian noninstitutional population 16 years and over was raised by about 310,000. The impact of the changes varied for different demographic groups. The civilian noninstitutional population for men 16 years and over was lowered by about 185,000 while that for women was increased by about 490,000. The Hispanic-origin population was lowered by about 165,000 while that of persons of non-Hispanic origin was raised by about 470,000. Overall labor force and employment levels were increased by about 60,000 each while the Hispanic labor and employment estimates were reduced by about 225,000 and 215,000, respectively. The changes had only a small impact on overall and subgroup unemployment rates and other percentages of labor market participation. An explanation of the changes and their effect on national labor force estimates appear in "Revisions in the Current Population Survey Effective January 1999" in the February 1999 issue of this publication.

- Beginning in January 2000, the population controls used in the survey were revised to reflect newly updated information on immigration and an upward revision in the number of deaths. As a result, the civilian noninstitutional population 16 years and over was lowered by about 215,000. The labor force and employment levels were decreased by about 125,000 and 120,000, respectively. Overall and subgroup unemployment rates and other percentages of labor market participation were not significantly affected. An explanation of the changes and their effect on national labor force estimates appear in "Revisions in the Current Population Survey Effective January 2000" in the February 2000 issue of this publication.

### **Changes in the occupational and industrial classification systems**

Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employment levels could not be made between 1971-72 and prior

years nor between those 2 years. Unemployment rates were not significantly affected. For a further explanation of the changes in the occupational classification system, see "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of this publication.

Beginning in January 1983, the occupational and industrial classification systems used in the 1980 census were introduced into the CPS. The 1980 census occupational classification system evolved from the Standard Occupational Classification (SOC) system and was so radically different in concepts and nomenclature from the 1970 system that comparisons of historical data are not possible without major adjustments. For example, the 1980 major group "sales occupations" is substantially larger than the 1970 category "sales workers." Major additions include "cashiers" from "clerical workers" and some self-employed proprietors in retail trade establishments from "managers and administrators, except farm."

The industrial classification system used in the 1980 census was based on the 1972 Standard Industrial Classification (SIC) system, as modified in 1977. The adoption of the new system had much less of an adverse effect on historical comparability than did the new occupational system. The most notable changes from the 1970 system were the transfer of farm equipment stores from "retail" to "wholesale" trade, postal service from "public administration" to "transportation," and some interchange between "professional and related services" and "public administration." Additional information on the 1980 census occupational and industrial classification systems appears in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of this publication.

Beginning in January 1992, the occupational and industrial classification systems used in the 1990 census were introduced into the CPS. (These systems were largely based on the 1980 Standard Occupational Classification (SOC) and 1987 Standard Industrial Classification (SIC) systems, respectively.) There were a few breaks in comparability between the 1980 and 1990 census-based systems, particularly within the "technical, sales, and administrative support" categories. The most notable changes in industry classification were the shift of several industries from "business services" to "professional services" and the splitting of some industries into smaller, more detailed categories. A number of industry titles were changed as well, with no change in content.

### **Sampling**

Since the inception of the survey, there have been various changes in the design of the CPS sample. The sample is traditionally redesigned and a new sample selected after each decennial census. Also, the number of sample areas and the number of sample persons are changed occasionally. Most of these changes are made to improve the efficiency of the sample design, increase the reliability of the sample estimates, or control cost.

Changes in this regard since 1960 are as follows: When Alaska and Hawaii received statehood in 1959 and 1960, respectively, three sample areas were added to the existing sample to account for the population of these States. In January 1978, a supplemental sample of 9,000 housing units, selected in 24 States and the District of Columbia, was designed to provide more reliable annual average estimates for States. In October 1978, a coverage improvement sample of approximately 450 sample household units representing 237,000 occupied mobile homes and 600,000 new construction housing units was added. In January 1980, another supplemental sample of 9,000 households selected in 32 States and the District of Columbia was added. A sample reduction of about 6,000 units was implemented in May 1981. In January 1982, the sample was expanded by 100 households to provide additional coverage in counties added to the Standard Metropolitan Statistical Areas (SMSAs), which were redefined in 1973. In January 1985, a new State-based CPS sample was selected based on 1980 census information. A sample reduction of about 4,000 households was implemented in April 1988; they were reinstated during the 8-month period, April-November 1989. A redesigned CPS sample based on the 1990 decennial census was selected for use during the 1990s. Households from this new sample were phased into the CPS between April 1994 and July 1995. The July 1995 sample was the first monthly sample based entirely on the 1990 census. For further information on the 1990 sample redesign, see "Redesign of the Sample for the Current Population Survey" in the May 1994 issue of this publication.

The original 1990 census-based sample design included about 66,000 housing units per month located in 792 selected geographic areas called primary sampling units (PSUs). The sample was initially selected to meet specific reliability criteria for the Nation, for each of the 50 States and the District of Columbia, and for the sub-State areas of New York City and the Los Angeles-Long Beach metropolitan area. In 1996, the original sample design reliability criteria were modified to reduce costs. The current criteria, given below, are based on the coefficient of variation (CV) of the unemployment level, where the CV is defined as the standard error of the estimate divided by the estimate, expressed as a percentage. These CV controls assume a 6-percent unemployment rate to establish a consistent specification of sampling error.

The current sample design, introduced in January 1996, includes about 59,000 households from 754 sample areas and maintains a 1.9-percent CV on national monthly estimates of unemployment level. This translates into a change of 0.2 percentage point in the unemployment rate being significant at a 90-percent confidence level. For each of the 50 States and for the District of Columbia, the design maintains a CV of at most 8-percent on the annual average estimate of unemployment level, assuming a 6-percent unemployment rate. Due to the national reliability criterion, estimates for several large States are substantially more reliable than the State design criterion requires. Annual average unemploy-

ment estimates for California, Florida, New York, and Texas, for example, carry a CV of less than 4 percent.

In the first stage of sampling, the 754 sample areas are chosen. In the second stage, ultimate sampling unit clusters composed of about four housing units each are selected. Each month, about 59,000 housing units are assigned for data collection, of which about 50,000 are occupied and thus eligible for interview. The remainder are units found to be destroyed, vacant, converted to nonresidential use, containing persons whose usual place of residence is elsewhere, or ineligible for other reasons. Of the 50,000 housing units, about 6.5 percent are not interviewed in a given month due to temporary absence (vacation, etc.), other failures to make contact after repeated attempts, inability of persons contacted to respond, unavailability for other reasons, and refusals to cooperate (about half of the noninterviews). Information is obtained each month for about 94,000 persons 16 years of age or older.

**Selection of sample areas.** The entire area of the United States, consisting of 3,141 counties and independent cities, is divided into 2,007 sample units (PSUs). In most States, a PSU consists of a county or a number of contiguous counties. In New England and Hawaii, minor civil divisions are used instead of counties.

Metropolitan areas within a State are used as a basis for forming PSUs. Outside of metropolitan areas, counties normally are combined except when the geographic area of an individual county is too large. Combining counties to form PSUs provides greater heterogeneity; a typical PSU includes urban and rural residents of both high and low economic levels and encompasses, to the extent feasible, diverse occupations and industries. Another important consideration is that the PSU be sufficiently compact so that, with a small sample spread throughout, it can be efficiently canvassed without undue travel cost.

The 2,007 PSUs are grouped into strata within each State. Then one PSU is selected from each stratum with the probability of selection proportional to the population of the PSU. Nationally, there are a total of 428 PSUs in strata by themselves. These strata are self-representing and are generally the most populous PSUs in each State. The 326 remaining strata are formed by combining PSUs that are similar in such characteristics as unemployment, proportion of housing units with three or more persons, number of persons employed in various industries, and average monthly wages for various industries. The single PSU randomly selected from each of these strata is non-self-representing because it represents not only itself but the entire stratum. The probability of selecting a particular PSU in a non-self-representing stratum is proportional to its 1990 population. For example, within a stratum, the chance that a PSU with a population of 50,000 would be selected for the sample is twice that for a PSU having a population of 25,000.

**Selection of sample households.** Because the sample design is State based, the sampling ratio differs by State and depends on State population size as well as both national

and State reliability requirements. The State sampling ratios range roughly from 1 in every 100 households to 1 in every 3,000 households. The sampling ratio occasionally is modified slightly to hold the size of the sample relatively constant given the overall growth of the population. The sampling ratio used within a sample PSU depends on the probability of selection of the PSU and the sampling ratio for the State. In a sample PSU with a probability of selection of 1 in 10 and a State sampling ratio of 3,000, a within-PSU sampling ratio of 1 in 300 achieves the desired ratio of 1 in 3,000 for the stratum.

The 1990 within-PSU sample design was developed using block-level data from the 1990 census. (The 1990 census was the first decennial census that produced data at the block level for the entire country.) Normally, census blocks are bounded by streets and other prominent physical features such as rivers or railroad tracks. County, minor civil division, and census place limits also serve as block boundaries. In cities, blocks can be bounded by four streets and be quite small in land area. In rural areas, blocks can be several square miles in size.

For the purpose of sample selection, census blocks were grouped into three strata: Unit, group quarters, and area. (Occasionally, units within a block were split between the unit and group quarters strata.) The unit stratum contained regular housing units with addresses that were easy to locate (e.g., most single family homes, townhouses, condominiums, apartment units, and mobile homes). The group quarters stratum contained housing units where residents shared common facilities or received formal or authorized care or custody. Unit and group quarters blocks exist primarily in urban areas. The area stratum contains blocks with addresses that are more difficult to locate. Area blocks exist primarily in rural areas.

To reduce the variability of the survey estimates and to ensure that the within-PSU sample would reflect the demographic and socioeconomic characteristics of the PSU, blocks within the unit, group quarters, and area strata were sorted using geographic and block-level data from the census. Examples of the census variables used for sorting include proportion of minority renter-occupied housing units, proportion of housing units with female householders, and proportion of owner-occupied housing units. The specific sorting variables used differed by type of PSU (urban or rural) and stratum.

Within each block, housing units were sorted geographically and grouped into clusters of approximately four units. A systematic sample of these clusters was then selected independently from each stratum using the appropriate within-PSU sampling ratio. The geographic clustering of the sample units reduces field representative travel costs. Prior to interviewing, special listing procedures are used to locate the particular sample addresses in the group quarters and area blocks.

Units in the three strata described above all existed at the time of the 1990 decennial census. Through a series of additional procedures, a sample of building permits is included in the CPS to represent housing units built after the decen-

nial census. Adding these newly built units keeps the sample up-to-date and representative of the population. It also helps to keep the sample size stable: over the life of the sample, the addition of newly built housing units compensates for the loss of "old" units which may be abandoned, demolished, or converted to nonresidential use.

**Rotation of sample.** Part of the sample is changed each month. Each monthly sample is divided into eight representative subsamples or rotation groups. A given rotation group is interviewed for a total of 8 months, divided into two equal periods. It is in the sample for 4 consecutive months, leaves the sample during the following 8 months, and then returns for another 4 consecutive months. In each monthly sample, one of the eight rotation groups is in the first month of enumeration, another rotation group is in the second month, and so on. Under this system, 75 percent of the sample is common from month to month and 50 percent from year to year for the same month. This procedure provides a substantial amount of month-to-month and year-to-year overlap in the sample, thus providing better estimates of change and reducing discontinuities in the series of data without burdening any specific group of households with an unduly long period of inquiry.

**CPS sample, 1947 to present.** Table 1-A provides a description of some aspects of the CPS sample designs in use since 1947. A more detailed account of the history of the CPS sample design appears in *The Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, or *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, Report 463, Bureau of Labor Statistics. A description of the 1990 census-based sample design appears in "Redesign of the Sample for the Current Population Survey," in the May 1994 issue of this publication.

## ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The estimation procedure involves weighting the data from each sample person by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that the sample person represents. Since 1985, most sample persons within the same State have had the same probability of selection. Some selection probabilities may differ within a State due to the sample design or for operational reasons. Field subsampling, for example, which is carried out when areas selected for the sample are found to contain many more households than expected, may cause probabilities of selection to differ for some sample areas within a State. Through a series of estimation steps (outlined below), the selection probabilities are adjusted for noninterviews and survey undercoverage; data from previous months are incorporated into the estimates through the composite estimation procedure.

Table 1-A. Characteristics of the CPS sample, 1947 to present

Time period	Number of sample areas	Households eligible		Households visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954 .....	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956 .....	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959 .....	1330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963 .....	2333	33,500	1,500	6,000
Mar. 1963 to Dec. 1966 .....	357	33,500	1,500	6,000
Jan. 1967 to July 1971 .....	449	48,000	2,000	8,500
Aug. 1971 to July 1972 .....	449	45,000	2,000	8,000
Aug. 1972 to Dec. 1977 .....	461	45,000	2,000	8,000
Jan. 1978 to Dec. 1979 .....	614	53,500	2,500	10,000
Jan. 1980 to Apr. 1981 .....	629	62,200	2,800	12,000
May 1981 to Dec. 1984 .....	629	57,800	2,500	11,000
Jan. 1985 to Mar. 1988 .....	729	57,000	2,500	11,000
Apr. 1988 to Mar. 1989 .....	729	53,200	2,600	11,500
April 1989 to Oct. 1994 <sup>3</sup> .....	729	57,400	2,600	11,800
Nov. 1994 to Aug. 1995 <sup>4</sup> .....	792	54,500	3,500	10,000
Sept. 1995 to Dec. 1995 .....	792	52,900	3,400	9,700
Jan. 1996 to present .....	754	46,800	3,200	9,000

<sup>1</sup> Beginning in May 1956, these areas were chosen to provide coverage in each State and the District of Columbia.

<sup>2</sup> Three sample areas were added in 1960 to represent Alaska and Hawaii after statehood.

<sup>3</sup> The sample was increased incrementally during the 8-month period, April-November 1989.

<sup>4</sup> Includes 2,000 additional assigned housing units from Georgia and Virginia that were gradually phased in during the 10-month period, October 1994-August 1995.

**1. Noninterview adjustment.** The weights for all interviewed households are adjusted to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondents for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA." Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of sample households not interviewed varies from 6 to 7 percent, depending on weather, vacation, etc.

**2. Ratio estimates.** The distribution of the population selected for the sample may differ somewhat, by chance, from that of the population as a whole in such characteristics as age, race, sex, and State of residence. Because these characteristics are closely correlated with labor force participation and other principal measurements made from the sample, the survey estimates can be substantially improved when weighted appropriately by the known distribution of these population characteristics. This is accomplished through two stages of ratio adjustment, as follows:

*a. First-stage ratio estimation.* The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSUs rather than drawing sample households from every PSU in the Nation. This adjustment is made to the CPS weights in two race cells: Black and nonblack; it is applied only to PSUs

that are not self-representing and for those States that have a substantial number of black households. The procedure corrects for differences that existed in each State cell at the time of the 1990 census between 1) the race distribution of the population in sample PSUs and 2) the race distribution of all PSUs (both 1 and 2 exclude self-representing PSUs).

*b. Second-stage ratio estimation.* This procedure substantially reduces the variability of estimates and corrects, to some extent, for CPS undercoverage. The CPS sample weights are adjusted to ensure that sample-based estimates of population match independent population controls. Three sets of controls are used:

1) 51 State controls of the civilian noninstitutional population 16 years of age and older,

2) National civilian noninstitutional population controls for 14 Hispanic and 5 non-Hispanic age-sex categories,

3) National civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories.

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 1990. The projections are derived by updating demographic census data with information from a variety of other data sources that account for births, deaths, and net migration. Estimated numbers of resident Armed Forces personnel and institutionalized persons reduce the resident population to the civilian noninstitutional population. Esti-



mates of net census undercount, determined from the Post Enumeration Survey, are added to the population projections. Prior to January 1994, the projections were based on earlier censuses, and there was no correction for census undercount. A summary of the current procedures used to make population projections is given in "Revisions in the Current Population Survey Effective January 1994," appearing in the February 1994 issue of this publication.

**3. Composite estimation procedure.** The last step in the preparation of most CPS estimates makes use of a composite estimation procedure. The composite estimate consists of a weighted average of two factors: The two-stage ratio estimate based on the entire sample from the current month and the composite estimate for the previous month, plus an estimate of the month-to-month change based on the six rotation groups common to both months. In addition, a bias adjustment term is added to the weighted average to account for relative bias associated with month-in-sample estimates. This month-in-sample bias is exhibited by unemployment estimates for persons in their first and fifth months in the CPS being generally higher than estimates obtained for the other months.

The composite estimate results in a reduction in the sampling error beyond that which is achieved after the two stages of ratio adjustment. For some items, the reduction is substantial. The resultant gains in reliability are greatest in estimates of month-to-month change, although gains are also usually obtained for estimates of level in a given month, change from year to year, and change over other intervals of time.

### **Rounding of estimates**

The sums of individual items may not always equal the totals shown in the same tables because of independent rounding of totals and components to the nearest thousand. Similarly, sums of percent distributions may not always equal 100 percent because of rounding. Differences, however, are insignificant.

### **Reliability of the estimates**

There are two types of errors possible in an estimate based on a sample survey—sampling and nonsampling. The standard errors provided indicate primarily the magnitude of the sampling error. They also incorporate the effect of some nonsampling errors in response and enumeration but do not account for any systematic biases in the data.

**Nonsampling error.** The full extent of nonsampling error is unknown, but special studies have been conducted to quantify some sources of nonsampling error in the CPS, as discussed below. The effect of nonsampling error should be small on estimates of relative change, such as month-to-month change. Estimates of monthly levels would be more severely affected by the nonsampling error.

Nonsampling errors in surveys can be attributed to many

sources, e.g., the inability to obtain information about all persons in the sample; differences in the interpretation of questions; inability or unwillingness of respondents to provide correct information; inability to recall information; errors made in collecting and processing the data; errors made in estimating values for missing data; and failure to represent all sample households and all persons within sample households (undercoverage).

Nonsampling errors occurring in the interview phase of the survey are studied by means of a reinterview program. This program is used to estimate various sources of error as well as to evaluate and control the work of the interviewers. A random sample of each interviewer's work is inspected through reinterview at regular intervals. The results indicate, among other things, that the data published from the CPS are subject to moderate systematic biases. A description of the CPS reinterview program and some of the other results may be found in *The Current Population Survey Reinterview Program, January 1961 through December 1966*, Technical Paper No. 19, Bureau of the Census, U.S. Department of Commerce.

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in "The Effects of Rotation Group Bias on Estimates From Panel Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. The CPS covers about 92 percent of the decennial census population (adjusted for census undercount). It is known that the CPS undercoverage varies with age, sex, race, and Hispanic origin. Generally, undercoverage is larger for men than for women and larger for blacks, Hispanics, and other races than for whites. Ratio adjustment to independent age-sex-race-origin population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race-origin group.

Additional information on nonsampling error in the CPS appears in *An Error Profile: Employment as Measured by the Current Population Survey*, by Camilla Brooks and Barbara Bailar, Statistical Policy Working Paper 3, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards; in "The Current Population Survey: An Overview," by Marvin Thompson and Gary Shapiro, *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and in *The Current Population Survey, Design and Methodology*, Technical Paper No. 40, Bureau of the Census, U.S. Department of Commerce. This last document includes a comprehensive discussion of various



sources of errors and describes attempts to measure them in the CPS.

**Sampling error.** When a sample rather than the entire population is surveyed, estimates differ from the true population values that they represent. This difference, or sampling error, occurs by chance, and its variability is measured by the standard error of the estimate. Sample estimates from a given survey design are unbiased when an average of the estimates from all possible samples would yield, hypothetically, the true population value. In this case, the sample estimate and its standard error can be used to construct approximate confidence intervals, or ranges of values, that include the true population value with known probabilities. If the process of selecting a sample from the population were repeated many times and an estimate and its standard error calculated for each sample, then:

1. Approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the true population value.
2. Approximately 90 percent of the intervals from 1.6 standard errors below the estimate to 1.6 standard errors above the estimate would include the true population value.
3. Approximately 95 percent of the intervals from two standard errors below the estimate to two standard errors above the estimate would include the true population value.

Although the estimating methods used in the CPS do not produce unbiased estimates, biases for most estimates are believed to be small enough so that these confidence interval statements are approximately true.

Since it would be too costly to develop standard errors for all CPS estimates, generalized variance function techniques are used to calculate sets of standard errors for various types of labor force characteristics. It is important to keep in mind that standard errors computed from these methods reflect contributions from sampling errors and some kinds of nonsampling errors and indicate the general magnitude of an estimate's standard error rather than its precise value.

The generalized variance functions and standard errors provided here are based on the sample design and estimation procedures as of 1987 and have been adjusted to reflect the population levels and sample size as of 1996. Standard errors for years prior to 1996 may be roughly approximated by adjusting, as follows, the standard errors presented here.

1. For the years 1967 through 1995, multiply the standard errors by 0.96.
2. For the years 1956 through 1966, multiply the standard errors by 1.17.
3. For years prior to 1956, multiply the standard errors by 1.44.

Table 1-B. **Standard errors for major employment status categories**  
(In thousands)

Category	Monthly level	Consecutive-month change
<b>Total, 16 years and over:</b>		
Civilian labor force .....	293	216
Employed .....	312	235
Unemployed .....	145	161
<b>Men, 20 years and over:</b>		
Civilian labor force .....	194	164
Employed .....	206	174
Unemployed .....	97	113
<b>Women, 20 years and over:</b>		
Civilian labor force .....	219	165
Employed .....	224	171
Unemployed .....	91	105
<b>Both sexes, 16 to 19 years:</b>		
Civilian labor force .....	97	95
Employed .....	96	95
Unemployed .....	62	81
<b>Black, 16 years and over:</b>		
Civilian labor force .....	138	101
Employed .....	140	105
Unemployed .....	66	76
<b>Men, 20 years and over:</b>		
Civilian labor force .....	78	69
Employed .....	71	72
Unemployed .....	43	50
<b>Women, 20 years and over:</b>		
Civilian labor force .....	98	73
Employed .....	97	74
Unemployed .....	44	51
<b>Both sexes, 16 to 19 years:</b>		
Civilian labor force .....	40	42
Employed .....	35	37
Unemployed .....	32	37
<b>Hispanic origin, 16 years and over:</b>		
Civilian labor force .....	130	91
Employed .....	134	107
Unemployed .....	63	73

More accurate standard error estimates for historical CPS data may be found in previous issues of this publication.

Tables 1-B through 1-H are provided so that approximate standard errors of estimates can be easily obtained. These tables are briefly summarized here; details illustrating the proper use of each table follow.

Tables 1-B and 1-C show standard errors for estimated monthly levels and rates for selected employment status characteristics; these tables also provide standard errors for consecutive month-to-month changes in the estimates. These standard errors are based on levels of recent estimates and can be determined directly by finding the characteristic of interest.

Tables 1-D and 1-E show standard errors for monthly levels and consecutive monthly changes in levels for general employment status characteristics. The standard errors are

Table 1-C. **Standard errors for unemployment rates by major characteristics**

Characteristic	Monthly level	Consecutive-month change
Total, 16 years and over .....	0.11	0.13
Men, 16 years and over .....	.15	.18
Men, 20 years and over .....	.14	.17
Women, 16 years and over .....	.16	.19
Women, 20 years and over .....	.16	.19
Both sexes, 16 to 19 years .....	.74	.97
White workers .....	.11	.13
Black workers .....	.45	.53
Hispanic-origin workers .....	.50	.59
Married men, spouse present .....	.15	.18
Married women, spouse present .....	.18	.22
Women who maintain families .....	.54	.64
<b>Occupation</b>		
Executive, administrative, and managerial ...	.20	.24
Professional specialty .....	.20	.23
Technicians and related support .....	.45	.54
Sales .....	.30	.36
Administrative support, including clerical .....	.25	.30
Private household .....	1.75	2.08
Protective service .....	.67	.80
Service, except private household and protective service .....	.38	.45
Precision production, craft, and repair .....	.34	.40
Machine operators, assemblers, and inspectors .....	.49	.58
Transportation and material moving .....	.55	.66
Handlers, equipment cleaners, helpers, and laborers .....	.73	.87
Farming, forestry, and fishing .....	.73	.87
<b>Industry</b>		
Nonagricultural private wage and salary workers .....	.13	.15
Goods-producing industries .....	.25	.30
Mining .....	1.39	1.65
Construction .....	.68	.81
Manufacturing .....	.26	.31
Durable goods .....	.32	.38
Nondurable goods .....	.42	.50
Service-producing industries .....	.15	.18
Transportation, communications, and public utilities .....	.42	.50
Wholesale and retail trade .....	.27	.32
Finance and services .....	.19	.23
Government workers .....	.21	.25
Agricultural wage and salary workers .....	1.18	1.40

calculated using linear interpolation based on the size of the monthly estimates.

Tables 1-F and 1-G give parameters that can be used with formulas to calculate a standard error on nearly any specified level, unemployment rate, percentage, or consecutive month-to-month change. For monthly levels and consecutive month-to-month changes in levels, tables 1-F and 1-G are preferred to tables 1-D and 1-E, since the formulas provide more accurate results than linear interpolation.

Table 1-H presents factors used to convert standard errors of monthly levels and rates determined from tables 1-B, 1-C, 1-D, and 1-F to standard errors pertaining to quar-

terly and yearly averages, consecutive year-to-year changes of monthly estimates, and changes in quarterly and yearly averages.

The standard errors for estimated changes from 1 month to the next, 1 year to the next, etc., depend more on the monthly levels for characteristics than on the size of the changes. Accordingly, tables 1-E, 1-G, and 1-H use monthly levels (not the magnitude of the changes) for approximating standard errors of change. Standard errors for estimated change between nonconsecutive months are not provided (except for year-to-year change); however, these may be assumed to be higher than the standard errors for consecutive monthly change.

**Use of tables 1-B and 1-C.** These tables provide a quick reference for standard errors of major characteristics. Table 1-B gives approximate standard errors for estimates of monthly levels and consecutive month-to-month changes in levels for major employment status categories. Table 1-C gives approximate standard errors for estimates of monthly unemployment rates and consecutive month-to-month changes in unemployment rates for some demographic, industrial, and occupational categories. For characteristics not given in tables 1-B and 1-C, refer to either tables 1-D and 1-E or tables 1-F and 1-G.

**Illustration.** Suppose that for a given month the number of women 20 years and over in the civilian labor force is estimated to be 54,000,000. For this characteristic, the approximate standard error of 219,000 is given in table 1-B in the row, "Total, 16 years and over: Women, 20 years and over: Civilian labor force." A 90-percent confidence interval, as shown by these data, would then be the interval from 53,650,000 to 54,350,000. Concluding that the true labor force level lies within this interval would be correct for roughly 90 percent of all possible samples.

**Use of tables 1-D and 1-E.** From these tables, approximate standard errors can be calculated for estimates of monthly levels and month-to-month changes in levels for major labor force characteristics by race and Hispanic origin. For major categories not shown, such as male or female, tables 1-F and 1-G can be used. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. For table 1-E, which applies to estimates of consecutive month-to-month change, the average of the two monthly levels (not the change) is used to select the appropriate row in the table.

**Illustration.** Assume that between 2 consecutive months the estimated number of employed persons changed from 115,600,000 to 116,700,000, an apparent increase of 1,100,000. The approximate standard error on this month-to-month change estimate is based on the average level of the estimate for the 2 months, 116,150,000. Using the

Table 1-D. **Standard errors for estimates of monthly levels**  
(In thousands)

Estimated monthly level	Characteristic									
	Agricultural employment		Unemployment			Labor force data other than agricultural employment and unemployment				
	Total or white	Black	Total or white	Black	Hispanic origin	Total	White	Black	Hispanic origin	
									Employed	Civilian labor force or not in labor force
50 .....	12	13	12	13	13	12	12	13	14	14
100 .....	18	18	17	18	19	17	17	18	20	20
500 .....	41	39	38	39	42	39	39	39	44	44
1,000 .....	62	55	54	54	59	54	54	55	61	61
2,000 .....	96	76	76	74	82	77	77	76	83	83
4,000 .....	157		107	96	113	108	108	103	111	111
6,000 .....	216		131	106		131	131	120	126	126
8,000 .....	273		150	108		151	150	131	134	134
10,000 .....	330		167	101		168	167	137	135	135
15,000 .....			201			202	201	137	110	110
20,000 .....			228			229	227	113		
30,000 .....						271	267			
40,000 .....						302	296			
50,000 .....						324	315			
60,000 .....						340	327			
70,000 .....						350	333			
80,000 .....						354	333			
100,000 .....						349	313			
120,000 .....						322	264			
140,000 .....						267	159			
160,000 .....										
180,000 .....										

Table 1-E. **Standard errors for estimates of month-to-month change in levels**  
(In thousands)

Estimated monthly level	Characteristic									
	Agricultural employment		Unemployment			Labor force data other than agricultural employment and unemployment				
	Total or white	Black	Total or white	Black	Hispanic origin	Total	White	Black	Hispanic origin	
									Employed	Civilian labor force or not in labor force
50 .....	14	12	14	15	16	10	10	10	12	10
100 .....	19	17	20	21	22	14	14	15	17	14
500 .....	43	37	46	46	50	32	32	33	37	31
1,000 .....	59	52	64	63	69	45	45	45	51	43
2,000 .....	78	72	89	84	95	63	63	62	70	59
4,000 .....	95		124	104	127	88	88	84	93	78
6,000 .....	94		148	106		108	108	97	105	89
8,000 .....	73		166	92		123	123	104	110	94
10,000 .....			180	47		137	137	108	110	95
15,000 .....			204			165	165	100	79	76
20,000 .....			215			187	187	58		
30,000 .....						221	221			
40,000 .....						245	245			
50,000 .....						262	262			
60,000 .....						274	274			
70,000 .....						281	281			
80,000 .....						283	283			
100,000 .....						274	274			
120,000 .....						246	246			
140,000 .....						188	188			
160,000 .....										
180,000 .....										

table 1-E column titled "Labor force data other than agricultural employment and unemployment, Total," it is necessary to find the standard errors corresponding to the two monthly level entries between which the value 116,150,000 lies. The standard error corresponding to 100,000,000 is given as 274,000, and the standard error corresponding to 120,000,000 is given as 246,000. Use linear interpolation to find the approximate standard error on month-to-month change corresponding to the level 116,150,000; one method of calculation is given below.

$$246,000 + \left( \frac{120,000,000 - 116,150,000}{120,000,000 - 100,000,000} \right) (274,000 - 246,000) \doteq 251,000$$

Thus, a 90-percent confidence interval for the true month-to-month change would be approximately the interval from 698,000 to 1,502,000.

**Use of tables 1-F and 1-G.** These tables can be used to find approximate standard errors for a wide range of estimated monthly levels, proportions, rates, and estimates of consecutive monthly change. Instead of displaying standard errors, these tables provide parameters to be used with the formulas given below that allow the user to calculate standard errors.

Table 1-G, which applies to estimates of consecutive monthly change, lists parameters for some characteristics classified by a measure of correlation between monthly estimates. Estimates of the number of persons employed full time, for example, change relatively little from one month to the next, and the two monthly estimates are said to be highly correlated. Consecutive monthly estimates of part-time employment, by contrast, have low correlation, since these estimates are relatively volatile.

Major characteristics for which consecutive monthly estimates are known to have high or low correlation are indicated in table 1-G. Not all categories in table 1-G, however, are broken down into low or high correlation characteristics. When high or low correlation is not specified in table 1-G, the parameters in table 1-G should be selected from the rows labeled "Most characteristics" or from rows not specifying correlation.

**Standard errors of estimated levels.** The approximate standard error,  $s_x$ , of an estimated monthly level,  $x$ , can be obtained using the formula below, where  $a$  and  $b$  are the parameters from table 1-F associated with the particular characteristic. The same formula can be used to approximate the standard error of an estimated month-to-month change in level; simply average the levels for the 2 consecutive months and use the parameters from table 1-G.

$$s_x = \sqrt{ax^2 + bx}$$

**Illustration.** Assume that in a given month there are an estimated 6 million unemployed men in the civilian labor

force ( $x = 6,000,000$ ). Obtain the appropriate  $a$  and  $b$  parameters from table 1-F ("Unemployment: Total or white"). Use the formula to compute an approximate standard error on the estimate of 6,000,000.

$$a = -0.000017962 \quad b = 2957.13$$

$$s_x = \sqrt{(-0.000017962)(6,000,000)^2 + (2957.13)(6,000,000)} \doteq 131,000$$

Suppose that in the next month the estimated number of unemployed men increases by 200,000 to 6,200,000. The average of the monthly levels is  $x = 6,100,000$ . Obtain the appropriate  $a$  and  $b$  parameters from table 1-G ("Unemployment: Total or white, Total, men, women"). Use the formula to compute an approximate standard error on the estimated change of 200,000.

$$a = -0.000093662 \quad b = 4191.84$$

$$s_x = \sqrt{(-0.000093662)(6,100,000)^2 + (4191.84)(6,100,000)} \doteq 149,000$$

An approximate 90-percent confidence interval for the true month-to-month change would be the interval from -38,000 to 438,000. Because this interval covers zero, one cannot assert at this level of confidence that any real change has occurred in the unemployment level. This result can also be expressed by saying that the apparent change of 200,000 is not significant at a 90-percent confidence level.

**Standard errors of estimated percentages and rates.** Generally, percentages and rates are not published unless the monthly base (denominator) is greater than 75,000 persons, the quarterly average base is greater than 60,000 persons, or the annual average base is greater than 35,000 persons.

The reliability of an estimated percentage or rate depends upon the magnitude of the percentage or rate and its base. When the numerator and base are in different categories, use the parameters from table 1-F or 1-G relevant to the numerator. The approximate standard error,  $s_{y,p}$ , of an estimated percentage or rate,  $p$ , can be obtained using the following formula, where  $y$  is the estimated number of persons in the base.

$$s_{y,p} = \sqrt{\frac{b}{y} p(100 - p)}$$

**Illustration.** For a given month, suppose that 5,600,000 women, 20 to 24 years of age, are estimated to be employed. Of this total, 1,800,000 or 32 percent are classified as part-time workers. To estimate the standard error on this percentage, proceed as follows. Obtain the parameter  $b = 2529.99$  from table 1-F ("Labor force and not-in-labor-force

Table 1-F. Parameters for computation of standard errors for estimates of monthly levels

Characteristic	a	b
Labor force and not-in-labor-force data other than agricultural employment and unemployment:		
Total <sup>1</sup> .....	-0.000017682	2985.26
Men <sup>1</sup> .....	-.000032770	2764.05
Women .....	-.000029553	2529.99
Both sexes, 16 to 19 years .....	-.000171805	2544.62
White <sup>1</sup> .....	-.000020028	2984.72
Men .....	-.000036840	2766.67
Women .....	-.000033710	2526.82
Both sexes, 16 to 19 years ....	-.000204195	2549.88
Black .....	-.000125300	3139.26
Men .....	-.000302096	2930.79
Women .....	-.000182509	2637.41
Both sexes, 16 to 19 years ....	-.001294516	2949.48
Hispanic origin .....	-.000206380	3895.71
Not in labor force, total or white, excluding women and 16-to-19 year olds .....	.000005931	828.79
Agricultural employment:		
Total or white .....	.000782035	3048.57
Men .....	.000858136	2825.09
Women or both sexes, 16 to 19 years .....	-.000024885	2582.39
Black .....	-.000134884	3154.76
Hispanic origin:		
Total or women .....	.011857446	2894.85
Men or both sexes, 16 to 19 years .....	.015736341	1702.50
Unemployment:		
Total or white .....	-.000017962	2957.13
Black .....	-.000212109	3149.77
Hispanic origin .....	-.000101820	3576.47

<sup>1</sup> Excludes not-in-labor-force data.

data other than agricultural employment and unemployment: Total, Women"). Apply the formula to obtain:

$$s_{y,p} = \sqrt{\frac{2529.99}{5,600,000}(32)(100-32)} \doteq 1.0 \text{ percent}$$

Suppose that in the next month 5,700,000 women in this same age group are reported employed and that 1,950,000 or 34 percent are part-time workers. To estimate the standard error on the observed month-to-month change of 2 percentage points, first average the values for p and y over the 2 months to get p = 33 percent and y = 5,650,000. Next, obtain the parameter b = 2690.59 from table 1-G ("Labor force and not-in-labor-force data other than agricultural employment and unemployment: Total or white, Women: Low correlation characteristics") and apply the formula as follows.

$$s_{y,p} = \sqrt{\frac{2690.59}{5,650,000}(33)(100-33)} \doteq 1.0 \text{ percent}$$

It should be noted that the numerator of the percentage (part-time employed) determined the choice of correlation. If the example had illustrated percentages of women employed full time, the numerator would have been a high correlation characteristic. Table 1-G, however, does not explicitly list high correlation parameters for employed women; thus, the row labeled "Women, Most characteristics" would have been used.

Had the example dealt with teenage women employed part time, either of two rows in table 1-G could have been applied ("Women: Low correlation characteristics" or "Both sexes, 16 to 19 years"). In situations like this, where it is not clear which row applies, a general rule to follow is to choose the row with the largest b parameter. This gives a more conservative estimate of standard error.

**Use of table 1-H.** Use this table with table 1-B, 1-C, 1-D, or 1-F to calculate approximate standard errors for quarterly or yearly averages, changes in consecutive quarterly or yearly averages, and consecutive year-to-year changes in monthly estimates. Table 1-H gives factors that can be used to convert standard errors for monthly levels into standard errors for other time periods and changes over time. Follow these three basic steps:

**Step 1.** Average estimates appropriately. For quarterly estimates, average the 3 monthly estimates. For yearly estimates, average the 12 monthly estimates. For changes in consecutive averages, average over the 2 quarters or 2 years. For consecutive year-to-year changes in monthly estimates, average the 2 months involved.

**Step 2.** Obtain a standard error on a monthly estimate using table 1-B or 1-C, or apply the procedures for table 1-D or 1-F to the average calculated in step 1, as if the average were an estimate for a single month.

**Step 3.** Determine the standard error on the average or on the estimate of change. Multiply the result from step 2 by the appropriate factor from table 1-H.

**Illustration.** Suppose that standard errors are desired for a quarterly average of black employment levels and for the change in averages from 1 quarter to the next. For each successive month of the first quarter, suppose the levels are observed to be 11,500,000, 11,600,000, and 11,700,000.

**Step 1.** The quarterly average is 11,600,000.

**Step 2.** Obtain the a and b parameters from table 1-F ("Labor force and not-in-labor-force data other than agricultural employment and unemployment: Black"). Use the

Table 1-G. Parameters for computation of standard errors for estimates of month-to-month change in levels

Characteristic	a	b
Labor force and not-in-labor-force data other than agricultural employment and unemployment:		
Total or white:		
Most characteristics .....	-0.000012482	2001.12
High correlation characteristics <sup>1</sup> .....	-.000009288	1564.84
Low correlation characteristics <sup>1</sup> .....	-.000016162	2550.56
Men:		
Most characteristics .....	-.000022599	1921.13
High correlation characteristics .....	-.000016814	1500.99
Low correlation characteristics .....	-.000058387	2668.56
Women:		
Most characteristics .....	-.000021229	1689.99
Low correlation characteristics .....	-.000059785	2690.59
Both sexes, 16 to 19 years .....	-.000186555	2616.54
Black:		
Most characteristics .....	-.000098960	2147.36
Low correlation characteristics .....	-.001928030	6513.82
Men:		
Most characteristics .....	-.000234427	2280.03
Low correlation characteristics .....	-.002881467	5829.60
Women:		
Most characteristics .....	-.000156363	1860.78
Low correlation characteristics .....	-.002311407	5420.13
Both sexes, 16 to 19 years .....	-.001288452	3131.77
Hispanic origin:		
Total .....	-.000157201	2774.53
Civilian labor force and not in labor force .....	-.000102898	1930.51
Low correlation characteristics .....	-.002624078	8620.43
Men, civilian labor force and not in labor force .....	-.000248038	2347.42
Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years .....	-.000398909	3615.62
Women, 16 years and over and 20 years and over .....	-.000338741	2569.69
Agricultural employment:		
Total or white:		
Total .....	-.000395757	3838.04
Men .....	-.000672985	3959.25
Women or both sexes, 16 to 19 years .....	.000130289	2367.00
Black:		
Total or women .....	-.000122355	2861.72
Men or both sexes, 16 to 19 years .....	-.019110769	5876.77
Hispanic origin:		
Total or women .....	.002872129	4640.81
Men or both sexes, 16 to 19 years .....	.002884390	4028.10
Self-employed .....	-.000245791	2091.57
Unemployment: <sup>2</sup>		
Total or white:		
Total, men, women .....	-.000093662	4191.84
Both sexes, 16 to 19 years and low correlation characteristics .....	-.000071624	5121.75
Black:		
Total, men, women, and both sexes, 16 to 19 years .....	-.000414217	4361.16
High correlation characteristics .....	.000048170	3088.91
Hispanic origin:		
Total, men, women .....	-.000252897	5054.25
Both sexes, 16 to 19 years and low correlation characteristics .....	-.000996431	7037.75

<sup>1</sup> High correlation characteristics include employed full-time, manufacturing, service workers, and not in the labor force. Low correlation characteristics include all part-time workers; employed, with a job, but not at work; unpaid family workers; and precision production, craft, and repair occupations.

<sup>2</sup> High correlation characteristics include full-time jobseekers; job losers; manufacturing workers; and operators, fabricators, and laborers. Low correlation characteristics include part-time jobseekers, reentrants, persons unemployed for less than 5 weeks and from 5 to 14 weeks.

formula for  $s_x$  to compute an approximate standard error for a monthly estimate of 11,600,000.

$$a = -0.000125300 \quad b = 3139.26$$

$$S_x = \sqrt{(-0.000125300)(11,600,000)^2 + (3139.26)(11,600,000)} = 140,000$$

Step 3. Multiply this result by the factor .87 from table 1-H (column labeled "Quarterly averages" and row labeled "Labor force and not-in-labor-force data other than agricultural employment and unemployment, Black"). This gives an approximate standard error of 122,000 on the quarterly average of 11,600,000.

Proceed to obtain the approximate standard error on the change in consecutive quarterly average estimates of black employment. Assume that black employment estimates for the months in the second quarter are observed to be 11,100,000, 11,200,000, and 11,300,000.

Step 1. The average for the second quarter is 11,200,000. The average of the 2 quarters is 11,400,000.

Step 2. Obtain the a and b parameters as above and use the formula for  $s_x$  to compute an approximate standard error for the estimate of 11,400,000, treating it as an estimate for a single month.

$$S_x = \sqrt{(-0.000125300)(11,400,000)^2 + (3139.26)(11,400,000)} = 140,000$$

Step 3. Multiply this result by the factor .84 from table 1-H (column labeled "Change in quarterly averages" and row labeled "Labor force and not-in-labor-force data other than agricultural employment and unemployment, Black"). This gives an approximate standard error of 118,000 on the estimated change of 400,000 from one quarter to the next.

The estimated change clearly exceeds 2 standard errors; therefore, one could conclude from these data that the change in quarterly averages is significant.

Table 1-H. Factors to be used with tables 1-B, 1-C, 1-D, and 1-F to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages, and change in yearly averages

Characteristic	Factor				
	Year-to year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
<b>Agricultural employment:</b>					
Total or men .....	1.30	0.92	0.70	0.79	0.70
Women .....	1.30	.82	.84	.57	.70
Both sexes, 16 to 19 years .....	1.30	.78	.88	.49	.70
Part time .....	1.40	.80	.80	.59	.70
<b>Unemployment:</b>					
Total .....	1.40	.74	.88	.46	.65
Part time .....	1.40	.67	.88	.42	.54
<b>Labor force and not-in-labor-force data other than agricultural employment and unemployment:</b>					
Total or white .....	1.30	.87	.85	.65	.70
Black .....	1.30	.87	.84	.65	.70
Hispanic origin .....	1.30	.87	.80	.65	.70
Both sexes, 16 to 19 years .....	1.30	.79	.88	.54	.70
Part time .....	1.40	.82	.90	.51	.60

# Establishment Data ("B" tables)

## COLLECTION

BLS cooperates with State employment security agencies in the Current Employment Statistics (CES) or establishment survey to collect data each month on employment, hours, and earnings from a sample of nonfarm establishments (including government). This sample includes about 390,000 reporting units. From these data, a large number of employment, hours, and earnings series in considerable industry and geographic detail are prepared and published each month. Historical statistics are available at <http://stats.bls.gov>, the BLS Internet site.

Each month, the State agencies collect data on employment, payrolls, and paid hours from a sample of establishments. Data are collected by mail from most respondents; phone collection is used to obtain higher response rates from selected respondents through computer-assisted interviews, touch-tone self-response, and voice recognition technology.

The respondents extract the requested data from their payroll records, which must be maintained for a variety of tax and accounting purposes. All firms with 250 employees or more are asked to participate in the survey, as well as a sample of smaller firms.

A "shuttle" schedule (BLS form 790 series) is used for mail respondents. It is submitted each month by the respondents, edited by the State agency, and returned to the respondent for use again the following month.

The technical characteristics of the shuttle schedule are particularly important in maintaining continuity and consistency in reporting from month to month. The shuttle design automatically exhibits the trends of the reported data covered by the schedule during the year; therefore, the relationship of the current data to the data for the previous months is shown. The schedule also has operational advantages. For example, accuracy and economy are achieved by entering the identification codes and the address of the reporter only once a year.

All schedules are edited by the State agencies each month to make sure that the data are correctly reported and that they are consistent with the data reported by the establishment in earlier months and with the data reported by other establishments in the industry. The State agencies forward the data, either on the schedules themselves or in machine-readable form, to BLS-Washington. They also use the information provided on the forms to develop State and area estimates of employment, hours, and earnings. At BLS, the data are edited again by computer to detect processing and reporting errors which may have been missed in the initial State editing; the edited data are used to prepare national estimates.

It should be noted that for employment, the sum of the State figures will differ from the official U.S. national totals because of the effects of differing industrial and geo-

graphic stratification and differences in the timing of benchmark adjustments.

## CONCEPTS

### Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation (beginning with August 1990 data) and for States and areas (beginning with January 1990 data) are classified in accordance with the *1987 Standard Industrial Classification Manual* (SIC), Office of Management and Budget.

### Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th day of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence Agency and the National Security Agency are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

*Indexes of diffusion of employment change (table B-6).* These indexes measure the dispersion among industries of the change in employment over the specified time span.



Beginning with August 1990 data, the overall indexes are calculated from 356 seasonally adjusted employment series (3-digit industries) covering all nonfarm payroll employment in the private sector. The manufacturing diffusion indexes are based on 139 3-digit industries.

To derive the indexes, each component industry is assigned a value of 0, 50, or 100 percent, depending on whether its employment showed a decrease, no change, or an increase, respectively, over the time span. The average value (mean) is then calculated, and this percent is the diffusion index number.

The reference point for diffusion analysis is 50 percent, the value which indicates that the same number of component industries had increased as had decreased. Index numbers above 50 show that more industries had increasing employment, and values below 50 indicate that more had decreasing employment. The margin between the percent that increased and the percent that decreased is equal to the difference between the index and its complement, i.e., 100 minus the index. For example, an index of 65 percent means that 30 percent more industries had increasing employment than had decreasing employment ( $65 - (100 - 65) = 30$ ). However, for dispersion analysis, the distance of the index number from the 50-percent reference point is the most significant observation.

Although diffusion indexes are commonly interpreted as showing the percent of components that increased over the time span, it should be remembered that the index reflects half of the unchanged components as well. (This is the effect of assigning a value of 50 percent to the unchanged components when computing the index.)

### **Industry hours and earnings**

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

**Production and related workers.** This category includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operations.

**Construction workers.** This group includes the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of construction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed

by members of the construction trades.

**Nonsupervisory employees.** These are employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

**Payroll.** This refers to the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th day of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacation, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. Employee benefits (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

**Hours.** These are the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

**Overtime hours.** These are hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which included the 12th of the month. Week-end and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

**Average weekly hours.** The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

**Indexes of aggregate weekly hours.** The indexes of aggregate weekly hours are prepared by dividing the current month's aggregate by the average of the 12 monthly fig-

ures for 1982. For basic industries, the hours aggregates are the product of average weekly hours and production worker or nonsupervisory worker employment. At all higher levels of industry aggregation, hours aggregates are the sum of the component aggregates.

**Average overtime hours.** The overtime hours represent that portion of the average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Because overtime hours are premium hours by definition, weekly hours and overtime hours do not necessarily move in the same direction from month to month. Such factors as work stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on average hours. Diverse trends at the industry group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months.

**Average hourly earnings.** Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under production worker, construction worker, or nonsupervisory employee definitions.

**Average hourly earnings, including lump-sum wage payments.** These series are compiled only for aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing. The same concepts and estimation methods apply to these series as apply to the average hourly earnings series described above; the one difference between the series is definitional. The payroll data used to calculate this series include lump-sum payments made to production workers in lieu of general wage rate increases; such payments are excluded from the definition of gross payrolls used to calculate the other average hourly earnings series.

For each sample establishment in SIC 3721 and SIC 3761

covered by a lump-sum agreement, the reported payroll data are adjusted to include a prorated portion of the lump-sum payment. Such payments are generally made once a year and cover the following 12-month period. In order to spread the payment across this time period, a prorated portion of the payment is added to the payroll each month. This prorated portion is adjusted by an exit rate to reduce the lump-sum amount to account for persons who received the payment but left before the payment allocation period expired.

**Average hourly earnings, excluding overtime.** Average hourly earnings, excluding overtime premium pay are computed by dividing the total production worker payroll for the industry group by the sum of total production worker hours and one-half of total overtime hours. No adjustments are made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

**Railroad hours and earnings.** The figures for Class I railroads plus Amtrak (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees. Average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

**Average weekly earnings.** These estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as the proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

**Real earnings.** These earnings are in constant dollars and are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W). The reference year for these series is 1982.

## ESTIMATING METHODS

The Current Employment Statistics (CES) or establishment survey estimates of employment are generated through an annual benchmark and monthly sample link procedure. Annual universe counts or benchmark levels are generated primarily from administrative records on employees covered by unemployment insurance (UI) tax laws. These annual benchmarks, established for March of each year, are projected forward for each subsequent month based on the trend of the sample employment, using an estimation procedure called the link relative. Benchmarks and sample link relatives are computed for each of 1,698 basic estimation cells defined by industry, size, and geography for the CES national estimates, and summed to create aggregate level employment estimates.

### Benchmarks

The establishment survey constructs annual benchmarks in order to realign the sample-based employment totals for March of each year with the UI-based population counts for March. These population counts are much less timely than sample-based estimates; however, they provide an annual point-in-time census for employment.

Population counts are derived from the administrative file of employees covered by UI. All employers covered by UI laws are required to report employment and wage information to the appropriate State employment security agency four times a year. Approximately 98 percent of in-scope private employment is covered by UI. A benchmark for the remaining 2 percent is constructed from alternate sources, primarily records from the Interstate Commerce Commission and the Social Security Administration. The full benchmark developed for March replaces the March sample-based estimate for each basic cell. The monthly sample-based estimates for the year preceding and the year following the benchmark are also then subject to revision.

Monthly estimates for the year preceding the March benchmark are readjusted using a "wedge back" procedure. The difference between the final benchmark level and the previously published March sample estimate is calculated and spread back across the previous 11 months. The wedge is linear; eleven-twelfths of the March difference is added to the February estimates, ten-twelfths to the January estimates, and so on, back to the previous April estimates which receive one-twelfth of the March difference. This assumes that the total estimation error since the last benchmark accumulated at a steady rate throughout the current benchmark year.

Estimates for the 11 months following the March benchmark are also recalculated each year. These post-benchmark estimates reflect the application of sample-based monthly changes to new benchmark levels for March, and the recomputation of bias adjustment factors for each month. Bias factors are updated to take into account the most recent experience of the estimates generated by the monthly

sample versus the full universe counts derived from the UI.

Following the revision of basic employment estimates, all other derivative series (e.g., production workers, average hourly earnings) are also recalculated. New seasonal adjustment factors are calculated and all data series, usually for the previous 5 years, are reseasonally adjusted, prior to full publication of all revised data in June of each year.

### Monthly estimation

Estimates are derived from a sample of approximately 390,000 business establishments nationwide. A current month's estimate is derived as the product of the previous month's estimate and a sample link relative for the current month. A bias adjustment factor is then applied to this result primarily to help account for new business births during the month.

**Stratification.** The sample is stratified into 1,698 basic estimation cells for purposes of computing national employment, hours, and earnings estimates. Cells are defined primarily by detailed industry, and secondarily by size for a majority of cells. In a few industries, mostly within the construction division, geographic stratification is also used. Industry classification is in accordance with the 1987 *Standard Industrial Classification Manual* (SIC); most estimation cells are defined at the 4-digit SIC level.

This detailed stratification pattern allows for the production and publication of estimates in considerable industry detail. Sub-industry stratification by size is important because major statistics which the survey measures, particularly employment change and average earnings, often vary significantly between establishments of different size. Stratification reduces the variance of the published industry level estimates.

**Link relative technique.** A ratio of the previous to the current month's employment is computed from a sample of establishments reporting for both months—this ratio is called a "link relative." For each basic cell, a link relative is computed and applied to the previous month's employment estimate to derive the current month's estimate. Thus a March benchmark is moved forward to the next March benchmark through application of monthly link relatives. Basic cell estimates created through the link relative technique are aggregated to form published industry level estimates, for employment, as described in table 2-A. Basic estimation and aggregation methods for the hours and earnings data are also shown in table 2-A.

**Bias adjustment.** Bias adjustment factors are computed at the 3-digit SIC level, and applied each month at the basic cell level, as part of the standard estimation procedures. The main purpose of bias adjustment is to reduce a primary source of nonsampling error in the survey, the inability to capture, on a timely basis, employment generated by new firm births. There is a several month lag between an

Table 2-A. Summary of methods for computing industry statistics on employment, hours, and earnings

Employment, hours, and earnings	Basic estimating cell (industry, region, size or region/size cell)	Aggregate industry level (division and, where stratified, industry)
Monthly data		
All employees .....	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. <sup>1</sup>	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees .....	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. <sup>2</sup>	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.
Average weekly hours .....	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers. <sup>2</sup>	Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells.
Average weekly overtime hours .....	Production worker overtime hours divided by number of production workers. <sup>2</sup>	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.
Average hourly earnings .....	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours. <sup>2</sup>	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Average weekly earnings .....	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.
Annual average data		
All employees, women employees, and production or nonsupervisory workers .....	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Average weekly hours .....	Annual total of aggregate hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours .....	Annual total of aggregate overtime hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Average hourly earnings .....	Annual total of aggregate payrolls (product of production or nonsupervisory worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total of aggregate payrolls divided by annual aggregate hours.
Average weekly earnings .....	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.

<sup>1</sup> The estimates are computed by multiplying the above product by bias adjustments factors, which compensate for the underrepresentation of newly formed enterprises and other sources of bias in the sample.

<sup>2</sup> The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly earnings

are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample and, at the same time, tapers or wedges the estimate toward the level of the latest sample average.

establishment opening for business and its appearing on the UI universe frame and being available for sampling. Because new firms generate a portion of employment growth each month of the year, nonsampling methods must be used to capture this growth, otherwise substantial underestimation of total employment levels would occur. Formal bias adjustment procedures have been used by the establishment survey since the late 1960s. Prior to the 1983 benchmark, bias adjustments were derived from a simple mean error model, which averaged undercount errors for the previous 3 years to arrive at bias projections for the coming year. The undercount errors were measured as the difference between sample-based estimate results and benchmark levels.

This procedure eventually proved inadequate during periods of rapidly changing employment trends, and the bias adjustment methodology was revised. Research done in the early 1980's indicated that bias requirements were strongly correlated with current employment growth or decline. Based on this research, a revised method was developed which incorporated the sample data on employment growth over the most recent two quarters, and a regression-derived coefficient for the significance of that change, to adjust the mean error model results. This change in methodology provided a more cyclically sensitive bias model. The regression-adjusted mean error model has been in use since 1983, for the production of national estimates.

The current model still has limitations in its ability to react to changing economic conditions or changing error structure relationships between the sample-based estimates and the UI universe counts. A principal limitation is the inability to incorporate UI universe counts as they become available on an ongoing basis, with a 6- to 9-month lag from the reference period. Thus, the current quarterly outputs from the model are subject to intervention analysis, and adjustments can be made to its results, prior to the establishment of final bias levels for a quarter. Review is done primarily in terms of detection of outlier (i.e., abnormally high or low) values, and by comparison of CES sample and bias trends with the most recent quarterly observations of UI universe counts. The BLS currently has under study improved bias models using a Kalman filter technique, which would allow a more formal, structured incorporation of each quarter's UI universe counts in the bias modeling process.

Although the primary function of bias adjustment is to account for employment resulting from new business formations, it also adjusts for other elements of nonsampling error in the survey, because the primary input to the modeling procedure is total estimation error. Significant among these nonsampling error sources is a business death bias. When a sampled firm closes down, most often it simply does not respond to the survey that month, rather than reporting zero employment. Followup with nonrespondents may reveal an out-of-business firm, but this information is often received too late to incorporate into monthly esti-

mates, and the firm is simply treated as a nonrespondent for that month.

Because the bias adjustments incorporated into the estimates represent a composite of a birth bias, death bias, and a number of other differences between the sample-based estimates and the population counts, the monthly bias adjustment levels have no specific economic meaning in and of themselves.

Table 2-B summarizes bias adjustments for the 1988-98 period. The table displays the average monthly "bias added" and the average monthly "bias required" with the benchmark revisions for each year. Bias added shows the average amount of bias which was added each month over the course of an interbenchmark period. For example, the bias added for 1998 is listed as 150,000; this represents the average of bias adjustments made each month over the period April 1997 through March 1998. Bias required is computed retrospectively, after the March benchmark for a given year is known. Bias required figures are calculated by taking the difference between a March estimate derived purely from the sample (i.e., a series calculated without bias adjustment) and the March benchmark. Dividing this figure by 12 gives the average monthly bias required figure. The bias required is thus defined as the amount of bias adjustment which would have achieved a zero benchmark error. The difference between the total bias required and the total bias added is then, by definition, approximately the benchmark revision amount, for any given year. Also provided in the table for illustration, are the March-to-March changes. As discussed above, the over-the-year changes indicate correlation with the bias added and bias required figures.

## THE SAMPLE

### Design

The emphasis in the establishment survey is on producing timely data at minimum cost. Therefore, the primary goal of its design is to sample a sufficiently large segment of the universe to provide reliable estimates that can be published both promptly and regularly. The present sample allows BLS to produce preliminary total nonfarm employment estimates for each month, including some limited industry detail, within 3 weeks after the reference period, and data in considerably more detail with an additional 1-month lag.

The CES survey, which began over 50 years ago, predates the introduction of probability sampling methods and has operated as a quota sample since its inception.

The sampling plan used is a form of sampling with probability proportionate to size, known as "sampling proportionate to average size of establishment". This is an optimum allocation design among strata because sampling variance is proportional to the average size of establishments. The universe of establishment employment is highly skewed, with a large percentage of total employment concentrated in relatively few establishments. Because vari-

ance on a population total estimate is a function of percentage universe coverage achieved by the sample, it is efficient to sample larger establishments at a higher rate than smaller establishments, assuming the cost per sample unit is fairly constant across size classes.

Under the survey design, large establishments fall into a certainty strata for sample selection. The size of the sample for the various industries is determined empirically on the basis of experience and cost considerations. For example, in a manufacturing industry with a high proportion of total employment concentrated in a small number of establishments, a larger percent of total employment is included in the sample. Consequently, the sample design for such industries provides for a complete census of the large establishments, with a relatively few chosen from among the smaller establishments. For an industry in which a large proportion of total employment is concentrated in small establishments, the sample design again calls for inclusion of all large establishments but also for a more substantial number of smaller ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to have a sample design for these industries with a smaller proportion of total universe coverage than is the case for most manufacturing industries.

### Coverage

The establishment survey is the largest monthly sampling operation in the field of social statistics. Table 2-C shows the latest benchmark employment levels and the approximate proportion of total universe employment coverage, at the total nonfarm and major industry division levels. The coverage for individual industries within the divisions may vary from the proportions shown.

### Reliability

The establishment survey, like other sample surveys, is subject to two types of error, sampling and nonsampling error. The magnitude of sampling error, or variance, is directly related to the size of the sample and the percentage of universe coverage achieved by the sample. The establishment survey sample covers over one-third of total universe employment; this yields a very small variance on the total nonfarm estimates. Measurements of error associated with sample estimates are provided in tables 2-D through 2-G.

**Benchmark revision as a measure of survey error.** The sum of sampling and nonsampling error can be considered total survey error. Unlike most sample surveys which publish sampling error as their only measure of error, the CES can derive an annual approximation of total error, on a lagged basis, because of the availability of the independently derived universe data. While the benchmark error is used as a measure of total error for the CES survey estimate, technically, it actually represents the difference between two independent estimates derived from separate survey processes (i.e., the CES sample process and the UI universe process) and thus reflects the errors present in each program. Historically, the benchmark revision has been very small for total nonfarm employment. Over the past decade, percentage benchmark error has averaged 0.3 percent, with a range from zero to 0.7 percent. Table 2-D shows the most current benchmark revisions, along with 10-year mean revisions and mean absolute revisions for major industries. Mean revisions give an indication of bias in the estimates; unbiased estimates have a mean revision close to zero, as over and under estimations cancel out over time. Mean absolute revisions give an overall indicator as to the accuracy

Table 2-B. March employment benchmarks and bias adjustments for total private industries, March 1988-98  
(In thousands)

Year	Benchmark		Average monthly bias		Over-the-year employment change <sup>5</sup>
	Employment <sup>1</sup>	Revision <sup>2</sup>	Added <sup>3</sup>	Required <sup>4</sup>	
1988 .....	86,180	-310	114	88	3,007
1989 .....	89,015	-93	131	123	2,835
1990 .....	90,546	-261	85	63	1,531
1991 .....	88,790	-583	61	12	-1,756
1992 .....	88,347	-130	33	22	-443
1993 .....	89,790	288	83	107	1,443
1994 .....	92,730	688	115	171	2,940
1995 .....	96,175	511	144	187	3,445
1996 .....	98,158	72	129	135	1,983
1997 .....	101,040	518	130	173	2,882
1998 .....	103,965	85	150	157	2,925

<sup>1</sup> Universe counts for March of each year are used to make annual benchmark adjustments to the employment estimates. About 98 percent of the benchmark employment is from unemployment insurance administrative records, and the remaining 2 percent is from alternate sources. Data represent benchmark levels as originally computed.

<sup>2</sup> Difference between the final March sample-based estimate and the benchmark level for total private employment.

<sup>3</sup> The average amount of bias adjustment each month over the

course of an inter-benchmark period, i.e., from April of the prior year through March of the given year.

<sup>4</sup> The difference between the March benchmark and the March estimate derived solely from the sample without bias adjustment, converted to a monthly amount by dividing by 12.

<sup>5</sup> March-to-March changes in the benchmark employment level.

NOTE: Data in this table exclude government employment because there is no bias adjustment for this sector.

of the estimates; the larger the value, the further the estimate was from the final benchmark level.

**Estimated standard errors for employment, hours, and earnings.** The hours and earnings estimates for the basic estimating cells do not have universe data sources available and therefore are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. Like the employment estimates, the hours and earnings estimates are also subject to sampling and nonsampling errors. Estimates of the sampling error for employment, hours, and earnings were computed using the method of random groups and are expressed as relative standard errors (standard error divided by the estimate). Relative standard errors for individual industries with the specified number of employees are presented in table 2-E and for major industries in table 2-F. Multiplying the relative standard error by its estimated value gives the estimate of the standard error. The errors presented here are based on averages observed from sample data over the March 1994 through March 1995 period.

**Standard errors for differences between industries and times.** The standard error of a difference is required to test for significant differences between estimates from two different industries. Since the estimates for the two industries are independent, the standard error of a difference is the square root of the sum of the estimated variance of each estimate,  $S_1^2$  and  $S_2^2$ .

$$S \text{ difference} = \sqrt{s_1^2 + s_2^2}$$

The CES sample overlaps almost entirely from month to month, so monthly estimates are not independent. The covariance between these estimates must be accounted for when testing the significance of the change in estimates over time. The standard error of the change can be estimated as follows.

$$S \text{ change} = \sqrt{s_1^2 + s_2^2 - 2\rho s_1 s_2}$$

If  $S_1 = S_2$ , then:

$$S \text{ change} = \sqrt{2s_1^2(1-\rho)}$$

Conservative estimates of  $\rho$  after one month are 0.8 for employment, 0.6 for average weekly hours, and 0.8 for average hourly earnings.

If the bias is small, then the standard error can be used to construct approximate confidence intervals or range of values that include the true population value. If the process

of selecting a sample from the population were repeated many times and an estimate and its standard error calculated for each sample, then approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the true population value.

**Noneconomic code changes.** A major source of benchmark revision at the major industry division level and below are noneconomic code changes, which are introduced into the universe data in the first quarter of each calendar year.

Approximately one-third of all establishments in the universe are included in the universe program's annual Standard Industrial Classification (SIC) refiling survey. Corrections to individual establishments' SIC and ownership codes are made through this process. The volume of these corrections has often been quite large and had substantial effects on universe employment distributions at the industry levels, but effects on total nonfarm employment have been minimal. In 1999, BLS and its State partners completed a multi-year conversion to a new refiling schedule, which uses a random selection method to target one-third

Table 2-C. Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 1998

Industry	Bench- marks (thou- sands)	Sample coverage <sup>1</sup>		
		Number of establish- ments	Employees	
			Number (thou- sands)	Percent of bench- marks
Total .....	124,050	304,495	42,498	34
Mining .....	592	2,853	212	36
Construction .....	5,474	24,798	994	18
Manufacturing .....	18,805	51,168	8,287	44
Transportation and public utilities .....	6,497	<sup>2</sup> 15,925	2,071	32
Wholesale trade ..	6,742	23,106	1,072	16
Retail trade .....	21,724	56,653	4,469	21
Finance, insurance, and real estate ...	7,269	21,510	1,981	27
Services .....	36,862	72,329	8,057	22
Government:				
Federal .....	2,662	<sup>3</sup> 7,566	2,662	100
State .....	4,702	8,140	4,004	85
Local .....	12,721	20,447	8,689	68

<sup>1</sup> Counts reflect reports used in final estimates. Because not all establishments report payroll and hours information, hours and earnings estimates are based on a smaller sample than employment estimates.

<sup>2</sup> The Interstate Commerce Commission provides a complete count of employment for Class I railroads plus Amtrak. Hours and earnings estimates are derived from a sample.

<sup>3</sup> Total Federal employment counts by agency for use in national estimates are provided to BLS by the Office of Personnel Management. Detailed industry estimates for the Executive Branch, as well as State and area estimates of Federal employment, are based on a sample of reports covering about 62 percent of employment in Federal establishments.

Table 2-D. Current (March 1998) and historical benchmark revisions

(Numbers in thousands)

Industry	March 1998 benchmark revision		10-year average mean percent revision	
	Level	Percent	Actual	Absolute
Total .....	44	(1)	0.1	0.3
Total private .....	85	0.1	.1	.3
Goods-producing .....	91	.4	.2	.7
Mining .....	15	2.5	-.2	1.8
Metal mining .....	0	0	-1.9	3.1
Coal mining .....	1	1.1	-.7	2.5
Oil and gas extraction .....	14	4.1	.3	2.5
Nonmetallic minerals, except fuels .....	1	1.0	-.4	1.6
Construction .....	15	.3	-.2	1.1
General building contractors .....	-22	-1.7	-.6	2.4
Heavy construction, except building .....	12	1.7	.9	2.1
Special trade contractors .....	25	.7	-.2	1.0
Manufacturing .....	61	.3	.3	.7
Durable goods .....	75	.7	.4	.8
Lumber and wood products .....	9	1.1	.2	1.8
Furniture and fixtures .....	7	1.3	.5	1.1
Stone, clay, and glass products .....	1	.2	.3	.7
Primary metal industries .....	0	0	.1	.7
Blast furnaces and basic steel products .....	-1	-.4	.7	1.1
Fabricated metal products .....	12	.8	.4	.6
Industrial machinery and equipment .....	14	.6	.3	1.0
Computer and office equipment .....	4	1.0	.3	1.3
Electronic and other electrical equipment .....	6	.3	.2	.7
Electronic components and accessories .....	-6	-.9	.4	1.6
Transportation equipment .....	11	.6	1.0	1.0
Motor vehicles and equipment .....	1	.1	1.2	1.2
Aircraft and parts .....	1	.2	.9	1.4
Instruments and related products .....	9	1.0	(1)	1.6
Miscellaneous manufacturing .....	7	1.8	.4	1.5
Nondurable goods .....	-14	-.2	.2	.7
Food and kindred products .....	-18	-1.1	.2	.9
Tobacco products .....	0	0	-.2	3.4
Textile mill products .....	1	.2	.1	.9
Apparel and other textile products .....	-6	-.8	.3	1.4
Paper and allied products .....	-7	-1.0	.4	.7
Printing and publishing .....	-1	-.1	-.2	.8
Chemicals and allied products .....	6	.6	.1	.9
Petroleum and coal products .....	5	3.6	.2	1.7
Rubber and miscellaneous plastics products .....	3	.3	1.0	1.1
Leather and leather products .....	1	1.2	.1	2.2
Service-producing .....	-47	(1)	.1	.3
Transportation and public utilities .....	41	.6	-.2	1.0
Transportation .....	54	1.3	-.4	1.5
Railroad transportation .....	-1	-.4	-1.0	1.0
Local and interurban passenger transit .....	5	1.0	-.4	2.1
Trucking and warehousing .....	31	1.8	-1.6	3.0
Water transportation .....	-6	-3.5	.4	3.5
Transportation by air .....	19	1.6	2.2	5.2
Pipelines, except natural gas .....	0	0	-.6	4.2
Transportation services .....	6	1.3	-.8	2.8
Communications and public utilities .....	-13	-.6	.2	1.1
Communications .....	-13	-.9	.3	1.8
Electric, gas, and sanitary services .....	0	0	-.1	.7
Wholesale trade .....	-2	(1)	-.3	1.1
Durable goods .....	-25	-.6	-.3	1.3
Nondurable goods .....	23	.8	-.3	1.0

See footnotes at end of table.



Table 2-D. Current (March 1998) and historical benchmark revisions—Continued

(Numbers in thousands)

Industry	March 1998 benchmark revision		10-year average mean percent revision	
	Level	Percent	Actual	Absolute
Retail trade .....	-99	-0.5	0.3	0.6
Building materials and garden supplies .....	-25	-2.8	-3	1.6
General merchandise stores .....	-55	-2.1	1.8	2.9
Department stores .....	-29	-1.3	2.5	3.4
Food stores .....	-57	-1.7	-4	.9
Automotive dealers and service stations .....	-10	-.4	-1.2	1.2
New and used car dealers .....	-16	-1.5	-1.0	1.0
Apparel and accessory stores .....	34	3.1	.9	1.4
Furniture and home furnishings stores .....	-32	-3.2	-.8	1.5
Eating and drinking places .....	77	1.0	.9	1.3
Miscellaneous retail establishments .....	-33	-1.2	-.1	1.0
Finance, insurance, and real estate .....	56	.8	-.2	1.2
Finance .....	34	1.0	-.6	1.3
Depository institutions .....	0	0	-1.1	1.4
Commercial banks .....	8	.5	-.5	.9
Savings institutions .....	-6	-2.3	-3.5	5.8
Nondepository institutions .....	33	5.2	1.9	3.3
Mortgage bankers and brokers .....	33	10.7	2.9	5.9
Security and commodity brokers .....	-3	-.5	.2	1.1
Holding and other investment offices .....	5	2.1	-3.0	4.8
Insurance .....	14	.6	.4	1.4
Insurance carriers .....	11	.7	.5	1.6
Insurance agents, brokers, and service .....	3	.4	.3	1.1
Real estate .....	8	.6	-.4	1.5
Services <sup>2</sup> .....	-2	(1)	.1	.6
Agricultural services .....	-2	-.3	1.5	1.7
Hotels and other lodging places .....	5	.3	.7	1.2
Personal services .....	13	1.0	.9	1.3
Business services .....	15	.2	.5	1.8
Services to buildings .....	-23	-2.5	.4	1.3
Personnel supply services .....	53	1.7	1.4	3.3
Help supply services .....	34	1.2	1.9	2.9
Computer and data processing services .....	-4	-.3	.5	2.5
Auto repair, services, and parking .....	-15	-1.3	-1.3	1.6
Miscellaneous repair services .....	-6	-1.6	-1.3	4.7
Motion pictures .....	8	1.4	-1.6	3.8
Amusement and recreation services .....	-66	-4.6	.3	3.1
Health services .....	-53	-.5	-.7	.8
Offices and clinics of medical doctors .....	-12	-.7	-.9	1.5
Nursing and personal care facilities .....	5	.3	-.5	.8
Hospitals .....	-27	-.7	-.8	.8
Home health care services .....	-7	-1.0	1.2	2.6
Legal services .....	-9	-.9	-.9	1.0
Educational services .....	-33	-1.4	.7	2.6
Social services .....	12	.5	-.3	1.5
Child day care services .....	21	3.4	-2.2	5.0
Residential care .....	-4	-.5	-.2	1.3
Museums and botanical and zoological gardens .....	1	1.1	1.8	2.4
Membership organizations .....	91	3.9	2.4	3.0
Engineering and management services .....	-54	-1.7	-.1	1.5
Engineering and architectural services .....	-12	-1.4	-.6	1.1
Management and public relations .....	-16	-1.6	.5	3.1
Services, nec .....	-1	-2.0	1.4	2.8
Government .....	-41	-.2	(1)	.3
Federal .....	0	0	0	0
Federal, except Postal Service .....	0	0	0	0
State .....	-39	-.8	.1	.6
Education .....	-25	-1.2	.2	1.2
Other State government .....	-14	-.5	.1	.5
Local .....	-2	(1)	(1)	.2
Education .....	16	.2	(1)	.3
Other local government .....	-18	-.3	(1)	.4

<sup>1</sup> Less than 0.05 percent.<sup>2</sup> Includes other industries, not shown separately.

**Table 2-E. Relative standard errors<sup>1</sup> for estimates of employment, hours, and earnings**  
(In percent)

Size of employment estimate	Employment	Average weekly hours	Average hourly earnings
50,000 .....	1.4	1.9	3.2
100,000 .....	1.1	1.5	2.6
200,000 .....	.8	1.2	2.2
500,000 .....	.6	.9	1.7
1,000,000 .....	.4	.7	1.3
2,000,000 .....	.3	.6	1.1

<sup>1</sup> Relative errors were estimated with sample data from March 1994-March 1995.

**Table 2-F. Relative standard errors<sup>1</sup> for estimates of employment, hours, and earnings by industry**  
(In percent)

Industry	Employment	Average weekly hours	Average hourly earnings
Total private .....	0.1	0.1	0.2
Mining .....	.8	.6	1.1
Construction .....	.4	.1	.3
Manufacturing .....	.1	.1	.4
Durable goods .....	.1	.1	.5
Nondurable goods .....	.1	.1	.5
Transportation and public utilities .....	.3	.5	1.0
Wholesale trade .....	.2	.2	.4
Retail trade .....	.1	.1	.3
Finance, insurance, and real estate .....	.2	.2	.7
Services .....	.2	.2	.4

<sup>1</sup> Relative errors were estimated with sample data from March 1994-March 1995.

of all UI universe units for refiling in a given year. Previously, refiling procedures called for each major industry division to be refiled every third year. The refiling schedule refinement was made because of large benchmark revisions and corresponding distortions in over-the-year employment trend measurement for specific industries.

**Revisions between preliminary and final data.** First preliminary estimates of employment, hours, and earnings, based on less than the total sample, are published immedi-

ately following the reference month. Final revised sample-based estimates are published 2 months later when nearly all the reports in the sample have been received. Table 2-G presents the root-mean-square error, the mean percent, and the mean absolute percent revision that may be expected between the preliminary and final employment estimates.

Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and 1 cent for hourly earnings, at the total private nonfarm level, and may be slightly larger for the more detailed industry groupings.

## STATISTICS FOR STATES AND AREAS (Tables B-7, B-14, and B-18)

As explained earlier, State agencies in cooperation with BLS collect and prepare State and area employment, hours, and earnings data. These statistics are based on the same establishment reports used by BLS, however, BLS uses the full CES sample to produce monthly national employment estimates, while each State agency uses its portion of the sample to independently develop a State employment estimate.

The CES area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue.

**Caution in aggregating State data.** The national estimation procedures used by BLS are designed to produce accurate national data by detailed industry; correspondingly the State estimation procedures are designed to produce accurate data for each individual State. State estimates are not forced to sum to national totals nor vice versa. Because each State series is subject to larger sampling and nonsampling errors than the national series, summing them cumulates individual State level errors and can cause distortions at an aggregate level. This has been a particular problem at turning points in the U.S. economy, when the majority of the individual State errors tend to be in the same direction. Due to these statistical limitations, the Bureau does not compile or publish a "sum-of-States" employment series. Additionally, BLS cautions users that such a series is subject to a relatively large and volatile error structure, particularly at turning points.

Table 2-G. Errors of preliminary employment estimates

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Absolute
Total .....	57,900	0	0
Total private .....	47,800	0	0
Goods-producing .....	13,900	0	0
Mining .....	1,800	0	0.2
Metal mining .....	300	-0.1	.4
Coal mining .....	700	.2	.6
Oil and gas extraction .....	1,700	-.1	.4
Nonmetallic minerals, except fuels .....	300	.1	.2
Construction .....	8,100	.1	.1
General building contractors .....	4,100	.1	.3
Heavy construction, except building .....	3,300	.1	.3
Special trade contractors .....	5,000	0	.1
Manufacturing .....	9,500	0	0
Durable goods .....	6,400	0	0
Lumber and wood products .....	1,300	.1	.1
Furniture and fixtures .....	1,200	0	.2
Stone, clay, and glass products .....	1,200	0	.2
Primary metal industries .....	1,700	0	.2
Blast furnaces and basic steel products .....	1,300	0	.3
Fabricated metal products .....	2,200	0	.1
Industrial machinery and equipment .....	2,600	.1	.1
Computer and office equipment .....	1,800	.3	.4
Electronic and other electrical equipment .....	2,200	0	.1
Electronic components and accessories .....	1,400	0	.2
Transportation equipment .....	4,200	0	.2
Motor vehicles and equipment .....	3,600	.1	.3
Aircraft and parts .....	1,600	0	.2
Instruments and related products .....	1,600	0	.1
Miscellaneous manufacturing .....	900	.1	.2
Nondurable goods .....	4,800	0	.1
Food and kindred products .....	2,700	0	.1
Tobacco products .....	500	.6	1.0
Textile mill products .....	1,200	0	.2
Apparel and other textile products .....	2,700	.1	.2
Paper and allied products .....	1,100	0	.1
Printing and publishing .....	1,700	0	.1
Chemicals and allied products .....	1,700	-.1	.1
Petroleum and coal products .....	1,000	-.1	.4
Rubber and miscellaneous plastics products .....	1,400	0	.1
Leather and leather products .....	600	0	.4
Service-producing .....	54,500	0	0
Transportation and public utilities .....	9,800	-.1	.1
Transportation .....	9,400	-.1	.2
Railroad transportation .....	2,100	-.1	.7
Local and interurban passenger transit .....	3,700	-.2	.5
Trucking and warehousing .....	5,800	-.1	.2
Water transportation .....	1,400	-.3	.7
Transportation by air .....	6,400	-.1	.4
Pipelines, except natural gas .....	200	-.2	.7
Transportation services .....	1,100	-.1	.2
Communications and public utilities .....	4,100	.1	.1
Communications .....	3,800	.1	.2
Electric, gas, and sanitary services .....	1,600	0	.1
Wholesale trade .....	7,600	.1	.1
Durable goods .....	4,300	.1	.1
Nondurable goods .....	4,800	.1	.1

See footnotes at end of table.

Table 2-G. Errors of preliminary employment estimates—Continued

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Absolute
Retail trade .....	31,100	0	0.1
Building materials and garden supplies .....	2,800	0	.2
General merchandise stores .....	19,400	.1	.5
Department stores .....	18,500	.1	.6
Food stores .....	5,800	0	.1
Automotive dealers and service stations .....	3,000	-.1	.1
New and used car dealers .....	1,200	-.1	.1
Apparel and accessory stores .....	5,700	.1	.4
Furniture and home furnishings stores .....	3,100	0	.2
Eating and drinking places .....	9,400	0	.1
Miscellaneous retail establishments .....	7,900	.1	.2
Finance, insurance, and real estate .....	6,200	0	.1
Finance .....	3,800	0	.1
Depository institutions .....	2,500	-.1	.1
Commercial banks .....	2,100	-.1	.1
Savings institutions .....	1,100	-.1	.3
Nondepository institutions .....	1,500	0	.2
Mortgage bankers and brokers .....	1,100	.1	.4
Security and commodity brokers .....	1,100	0	.2
Holding and other investment offices .....	1,700	0	.5
Insurance .....	2,700	0	.1
Insurance carriers .....	2,400	0	.1
Insurance agents, brokers, and service .....	1,200	.1	.1
Real estate .....	2,800	0	.2
Services <sup>2</sup> .....	28,700	0	.1
Agricultural services .....	2,700	.1	.3
Hotels and other lodging places .....	6,000	.1	.2
Personal services .....	5,800	-.1	.3
Business services .....	12,300	.1	.1
Services to buildings .....	2,500	0	.2
Personnel supply services .....	10,500	.1	.3
Help supply services .....	10,300	.1	.3
Computer and data processing services .....	2,800	0	.2
Auto repair, services, and parking .....	2,000	0	.1
Miscellaneous repair services .....	1,000	0	.2
Motion pictures .....	6,200	.1	.8
Amusement and recreation services .....	9,400	.2	.5
Health services .....	5,500	0	0
Offices and clinics of medical doctors .....	2,500	0	.1
Nursing and personal care facilities .....	1,600	0	.1
Hospitals .....	3,300	0	.1
Home health care services .....	2,000	.1	.3
Legal services .....	1,400	0	.1
Educational services .....	12,600	.1	.5
Social services .....	9,700	0	.3
Child day care services .....	4,400	.1	.6
Residential care .....	1,400	-.1	.2
Museums and botanical and zoological gardens .....	600	0	.5
Membership organizations .....	3,200	0	.1
Engineering and management services .....	5,100	0	.1
Engineering and architectural services .....	2,300	-.1	.2
Management and public relations .....	3,400	.1	.3
Services, nec .....	500	.1	.8
Government .....	19,500	0	.1
Federal .....	8,300	.1	.2
Federal, except Postal Service .....	7,600	0	.3
State .....	11,800	0	.2
Education .....	9,900	0	.4
Other State government .....	4,800	0	.1
Local .....	16,800	0	.1
Education .....	14,200	0	.1
Other local government .....	11,300	0	.1

<sup>1</sup> The root-mean-square error is the square root of the mean squared error. The mean squared error is the square of the difference between the final and preliminary estimates averaged across a series of monthly observations.

<sup>2</sup> Includes other industries, not shown separately.

NOTE: Errors are based on differences from January 1994 through December 1998.

# Region, State, and Area Labor Force Data ("C" tables)

## FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMAs), and other areas covered under Federal assistance programs are developed by State employment security agencies under a Federal-State cooperative program. The local unemployment estimates which derive from standardized procedures developed by BLS are the basis for determining eligibility of an area for benefits under Federal programs such as the Job Training Partnership Act.

Annual average data for the States and 337 areas shown in table C-3 are published in *Employment and Earnings* (usually the May issue). For regions, States, selected metropolitan areas, and central cities, annual average data classified by selected demographic, social, and economic characteristics are published in the BLS bulletin, *Geographic Profile of Employment and Unemployment*.

Labor force estimates for counties, cities, and other small areas have been prepared for administration of various Federal economic assistance programs and may be ordered from the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402. The report "Unemployment in States and Local Areas" is published monthly through GPO and is available in microfiche form only, on a subscription basis.

## ESTIMATING METHODS

Monthly labor force, employment, and unemployment estimates are prepared for the 50 States, the District of Columbia, and over 6,500 areas, including nearly 2,400 LMAs, counties, and cities with a population of 25,000 or more. Regional aggregations are derived by summing the State estimates. The estimation methods are described below for States (and the District of Columbia) and for sub-State areas. At the sub-LMA (county and city) level, estimates are prepared using disaggregation techniques based on decennial and annual population estimates and current unemployment insurance data. A more detailed description of the estimation procedure is contained in the BLS document, *Manual for Developing Local Area Unemployment Statistics*.

### Estimates for States

**Current monthly estimates.** Effective January 1996, civilian labor force and unemployment estimates for all States and the District of Columbia are produced using models based on a "signal-plus-noise" approach. The model of the

signal is a time series model of the true labor force which consists of three components: A variable coefficient regression, a flexible trend, and a flexible seasonal component. The regression techniques are based on historical and current relationships found within each State's economy as reflected in the different sources of data that are available for each State—the Current Population Survey (CPS), the Current Employment Statistics (CES) survey, and the unemployment insurance (UI) system. The noise component of the models explicitly accounts for auto correlation in the CPS sampling error and changes in the average magnitude of the error. In addition, the models can identify and remove the effects of outliers in the historical CPS series. While all the State models have important components in common, they differ somewhat from one another to better reflect individual State characteristics.

Two models—one for the employment-to-population ratio and one for the unemployment rate—are used for each State. The employment-to-population ratio, rather than the employment level, and the unemployment rate, rather than the unemployment level, are estimated primarily because these ratios are usually more meaningful for economic analysis.

The employment-to-population ratio models use the relationship between the State's monthly employment from the CES and the CPS. The models also include trend and seasonal components to account for movements in the CPS not captured by the CES series. The seasonal component accounts for the seasonality in the CPS not explained by the CES, while the trend component adjusts for long-run systematic differences between the two series.

The unemployment rate models use the relationship between the State's monthly unemployment insurance (UI) claims data and the CPS unemployment rate, along with trend and seasonal components.

In both the employment-to-population ratio and unemployment rate models, an important feature is the use of a technique that allows the equations to adjust automatically to structural changes that occur. The regression portion of the model includes a built-in tuning mechanism, known as the Kalman Filter, which revises a model's coefficients when the new data that become available each month indicate that changes in the data relationships have taken place. Once the estimates are developed from the models, levels are calculated for employment, unemployment, and labor force.

**Benchmark correction procedures.** Once each year, monthly estimates for all States and the District of Columbia are adjusted, or benchmarked, by BLS to the annual average CPS estimates. The benchmarking technique employs a pro-

cedure (called the Denton method) which adjusts the annual average of the models to equal the CPS annual average, while preserving, as much as possible, the original monthly seasonal pattern of the model estimates.

### **Estimates for sub-State areas**

Monthly labor force, employment, and unemployment estimates for two large sub-State areas—New York City and the Los Angeles-Long Beach metropolitan area—are obtained using the same modeling approach as for states. Estimates for the nearly 2,400 remaining LMAs, are prepared through indirect estimation techniques, described below.

**Preliminary estimate—employment.** The total civilian employment estimates are based largely on CES data. These “place-of-work” estimates must be adjusted to refer to place of residence as used in the CPS. Factors for adjusting from place of work to place of residence have been developed on the basis of employment relationships at the time of the 1990 decennial census. These factors are applied to the CES estimates for the current period to obtain adjusted employment estimates, to which are added estimates for employment not represented in the CES—agricultural employees, nonagricultural self-employed and unpaid family workers, and private household workers.

**Preliminary estimate—unemployment.** In the current month, the estimate of unemployment is an aggregate of the estimates for each of two categories: (1) Persons who were previously employed in industries covered by State UI laws; and (2) those who were entering the civilian labor force for the first time or reentering after a period of separation.

**Sub-State adjustment for additivity.** Estimates of employment and unemployment are prepared for the State and all LMAs within the State. The LMA estimates geographically exhaust the entire State. Thus, a proportional adjustment is applied to all sub-State preliminary LMA estimates to ensure that they add to the independently estimated State totals for employment and unemployment. For California and New York, the proportional adjustment is applied to all LMAs other than the two modeled areas, to ensure that the LMA estimates sum to an independent model-based estimate for the balance of State.

**Benchmark correction.** At the end of each year, sub-State estimates are revised. The revisions incorporate any changes in the inputs, such as revisions in the CES-based employment figures, corrections in UI claims counts, and updated historical relationships. The updated estimates are then re-adjusted to add to the revised (benchmarked) State estimates of employment and unemployment.

# Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity 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. 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 it easier to observe the cyclical and other non-seasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, because they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment-based data are published monthly in *Employment and Earnings*.

## Household data

Since January 1980, national labor force data have been seasonally adjusted with a procedure called *X-11 ARIMA* (Auto-Regressive Integrated Moving Average), which was developed at Statistics Canada as an extension of the standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method* by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, January 1983.

BLS uses an extension of X-11 ARIMA to allow it to adjust more adequately for the effects of the presence or absence of religious holidays in the April survey reference period and of Labor Day in the September reference period. This extension was applied for the first time at the end of 1989 to three persons-at-work labor force series which tested as having significant and well-defined effects in their April data associated with the timing of Easter.

At the beginning of each calendar year, projected seasonal adjustment factors are calculated for use during the January-June period. In July of each year, BLS calculates and publishes in *Employment and Earnings* projected seasonal adjustment factors for use in the second half, based on the experience through June. Revisions of historical data, usually for the most recent 5 years, are made only at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970. In 1994, data were

revised only for that year because of the major redesign and 1990 census-based population controls, adjusted for the estimated undercount, introduced into the Current Population Survey. In 1996, 1990-93 data also were revised to incorporate these 1990 census-based population controls and seasonally adjusted series were revised back to 1990. Subsequent revisions are only carried back to 1994.

All labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (men and women under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. The seasonally adjusted figure for the labor force is a sum of eight seasonally adjusted civilian employment components and four seasonally adjusted unemployment components. The total for unemployment is the sum of the four unemployment components, and the unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force. Because of the independent seasonal adjustment of various series, components will not necessarily add to totals.

In each January issue (March issue in 1996), *Employment and Earnings* publishes revised seasonally adjusted data for selected labor force series based on the experience through December, new seasonal adjustment factors to be used to calculate the civilian unemployment estimate for the first 6 months of the following year, and a description of the current seasonal adjustment procedure.

## Establishment data

Effective in June 1996, with the release of the March 1995 benchmark revisions, BLS began using an updated version of the X-12 ARIMA software developed by the Bureau of the Census to seasonally adjust national establishment-based employment, hours, and earnings series.

The conversion to X-12 ARIMA allows BLS to refine its seasonal adjustment procedures to control for survey interval variations, sometime referred to as the 4- vs. 5-week effect. While the CES survey is referenced to a consistent concept, the pay period including the 12th day of the month, inconsistencies arise because there are variations of 4 or 5 weeks between the week of the 12th in any given pair of months. In highly seasonal months and industries, this variation can be an important determinant of the magnitude of seasonal hires or layoffs that have occurred at the time the survey is taken, thereby complicating seasonal adjustment.

The interval effect adjustment is accomplished through the REGARIMA (regression with auto-correlated errors) option in the X-12 software. This process combines standard regression analysis, which measures correlations between two or more variables, with ARIMA modeling, which describes and predicts the behavior of a data series based on its own past history. In this application, the correlations of interest are those between employment levels in individual calendar months and the length of the survey intervals for those months. The REGARIMA models estimate and remove the variation in employment levels attributable to 11 separate survey intervals, one specified for each month, except March. March is excluded because there are always 4 weeks between the February and March surveys.

Effective with the release of the March 1997 benchmarks, seasonally adjusted series for employment, hours, indexes of aggregate hours, and earnings of production or nonsupervisory workers from 1989 forward incorporate refinements to the seasonal adjustment process to correct for distortions related to the method of accounting for the varying length of payroll periods across months—a calendar effect.

REGARIMA modeling also is used to identify, measure, and remove this calendar effect for the publication level seasonally adjusted hours and earnings series.

Projected seasonal factors for the establishment-based series are calculated and published twice a year, paralleling the procedure used for the household series. Revisions to historical data (usually the most recent 5 years) are made once a year, coincident with benchmark revisions. All series are seasonally adjusted using multiplicative models in X-12; additive models are not considered. Seasonal adjustment factors are computed and applied at component levels. For employment series, these are generally the 2-digit SIC levels. Seasonally adjusted totals are arithmetic aggregations for employment series and weighted averages of the seasonally adjusted data for hours and earnings series.

Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing the average weekly earnings series by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours by production or nonsupervisory workers and dividing by the 1982 annual average base. For total private, total goods-producing, total private service-producing, and major industry divisions, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours for the appropriate component industries and dividing by the 1982 annual average base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These

series, however, are used in the aggregation to higher level seasonally adjusted series.

Seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. The number of temporary census workers for the decennial census, however, are removed prior to the calculation of seasonal adjustment factors.

The standard procedure for seasonal adjustment for the local education employment series was improved with the 1997 benchmark. In the past, the seasonal factors for this industry were derived using the standard seasonal adjustment procedure of a logarithmic transformation of the data as input for the multiplicative decomposition of the series. However, in recent years, the forecasted seasonal factors have failed to adequately reflect the changing behavior of this industry in the summer months. The factors for this industry are now derived using a square-root transformation of the data as input for an additive decomposition of the series. These modifications produce seasonal factors that better reflect current industry seasonal patterns. However, the annual averages of seasonally adjusted and unadjusted series will not be equal.

BLS also makes special adjustments for floating holidays for the establishment-based series on average weekly hours and manufacturing overtime hours. From 1988 forward, these adjustments are now accomplished as part of the X-12 ARIMA/REGARIMA modeling process. The special adjustment made in November each year to adjust for the effect of poll workers in the local government employment series also is incorporated into the X-12 process from 1988 forward.

Revised seasonally adjusted national establishment-based series based on the experience through March 1999, new seasonal adjustment factors for March-October 1999, and a description of the current seasonal adjustment procedure appear in the June 1999 issue of *Employment and Earnings*. Revised factors for the September 1999-April 2000 period will appear in the December issue.

Beginning in 1993, BLS introduced publication of seasonally adjusted nonfarm payroll employment data by major industry for all States and the District of Columbia (table B-7). Seasonal adjustment factors are applied directly to the employment estimates at the division level (component series for manufacturing and trade) and then aggregated to the State totals. The recomputation of seasonal factors and historical revisions are made coincident with the annual benchmark adjustments. State estimation procedures are designed to produce accurate (unadjusted and seasonally adjusted) data for each individual State. BLS independently develops a national employment series; State estimates are not forced to sum to national totals. Because each State series is subject to larger sampling and nonsampling errors than the national series, summing them cumulates individual State level errors and can cause significant distortions at an aggregate level. Due to these statistical limitations, BLS



does not compile a “sum-of-States” employment series, and cautions users that such a series is subject to a relatively large and volatile error structure.

### **Region and State labor force data**

Beginning in 1992, BLS introduced publication of seasonally adjusted labor force data for the census regions and divisions, the 50 States, and the District of Columbia (tables C-1 and C-2). Beginning in 1998, regional aggregations are derived by summing the State estimates. Using the X-11

ARIMA procedure, seasonal adjustment factors are computed and applied independently to the component employment and unemployment levels and then aggregated to regional or State totals. Current seasonal adjustment factors are produced for 6-month periods twice a year. Historical revisions usually are made at the beginning of each calendar year. Because of the separate processing procedures, totals for the Nation, as a whole, differ from the results obtained by aggregating regional or State data.