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# Employment & Earnings

U.S. Department of Labor  
Bureau of Labor Statistics  
April 2002

## *In this issue:*

First quarter 2002 averages for  
household survey data



## U.S. DEPARTMENT OF LABOR

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### BUREAU OF LABOR STATISTICS

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April 2002  
Vol. 49 No. 4

## 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, 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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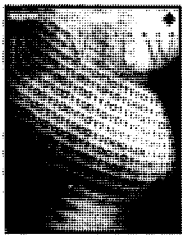
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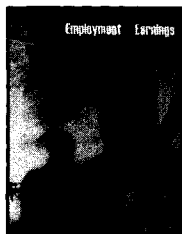
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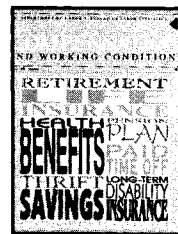
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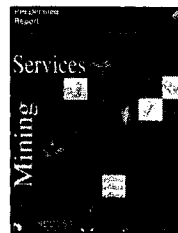
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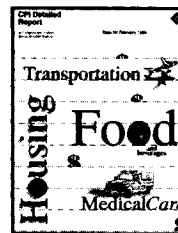
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# Employment and Unemployment Developments, March 2002

**B**oth payroll employment and the unemployment rate were little changed in March. Manufacturing and construction each lost nearly 40,000 jobs, but services employment grew substantially. Both the manufacturing work-week and overtime hours rose over the month.

## Unemployment

The number of unemployed persons (8.1 million) and the unemployment rate (5.7 percent) were little changed in March. The jobless rate has been within two-tenths of a percentage point of 5.6 percent since October 2001.

The unemployment rate for blacks increased to 10.7 percent in March. Jobless rates for the other major worker groups—adult men (5.2 percent), adult women (5.0 percent), teenagers (16.4 percent), whites (5.0 percent), and Hispanics (7.3 percent)—showed little or no change. (See tables A-3 and A-4.)

## Total employment and the labor force

Total employment fell by 425,000 in March to 133.9 million, after seasonal adjustment. The employment-population ratio declined by 0.2 percentage point to 62.8 percent. Total employment in March was 1.9 million lower than a year earlier, and the employment-population ratio was 1.5 percentage points lower. (See table A-3.)

The civilian labor force (142.0 million) and the labor force participation rate (66.6 percent) were little changed from February to March. Over the last 12 months, there has been little net change in the labor force while the labor force participation rate has decreased by 0.6 percentage point. (See table A-3.)

About 7.4 million persons (not seasonally adjusted) held more than one job in March. These multiple jobholders represented 5.5 percent of the total employed in March, about the same proportion as a year earlier. (See table A-37.)

## Persons not in the labor force

About 1.3 million persons (not seasonally adjusted) were marginally attached to the labor force in March, up from 1.1 million a year earlier. These individuals reported that they wanted and were available for 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 319,000 in March. 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, at 131.3 million, was little changed in March (+58,000); in February, employment was essentially unchanged (-2,000, as revised). From March 2001 through January 2002, payroll employment fell by an average of 144,000 a month. (See table B-3.)

Manufacturing job losses continued, but the declines of 38,000 in March and 54,000 in February were much smaller than in previous months. From January 2001 to January 2002, job losses in the nation's factories averaged 111,000 a month. Over the month, employment in electronic equipment and in industrial machinery decreased by 10,000 and 7,000, respectively, much smaller than their average losses over the past year. Several manufacturing industries had small employment gains in March after many months of losses—stone, clay, and glass (2,000), primary metals (2,000), and rubber and miscellaneous plastics (4,000). Transportation equipment lost 12,000 jobs in March, primarily in aircraft and parts (-9,000, including 2,800 workers on strike). Since September 2001, the aircraft industry has lost 42,000 jobs.

Elsewhere in the goods-producing sector, construction employment decreased by 37,000 in March, after seasonal adjustment. Virtually all the job losses were in heavy construction (-36,000). Mining employment continued on its recent downward trend. Since October, the industry has lost 14,000 jobs, mainly in oil and gas extraction.

Within the service-producing sector, employment in the services industry rose by 118,000, its largest over-the-month increase since September 2000. Help supply services added 69,000 jobs in March. This was the second consecutive month of job growth in the industry, which had lost nearly a fifth of its jobs from September 2000 through January 2002. Employment in engineering and management services increased by 12,000 in March, compared with an average monthly gain of 4,000 in the prior 12 months. Health services employment continued to increase in March, rising by 32,000.

Elsewhere in the private service-producing sector, employment was little changed in March. Within retail trade, food stores continued to lose jobs. In finance, security and commodity brokerages posted a small job gain (2,000), after 3 months of losses totaling 14,000. Employment in insurance

fell by 4,000 over the month and has decreased by 20,000 since September 2001. In air transportation, employment edged down in March, reversing gains over the last 2 months. This followed losses totaling 111,000 in the fourth quarter.

In government, employment in local education rose by 27,000 in March. Federal and State government employment were little changed over the month.

### Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls was unchanged in March at 34.2 hours, seasonally adjusted. The manufacturing workweek increased by 0.4 hour to 41.1 hours, and factory overtime increased by 0.3 hour to 4.2 hours. Since November, manufacturing hours have risen by 0.8 hour and overtime by one-half hour. (See table B-8.)

The index of aggregate weekly hours of production or nonsupervisory workers on private nonfarm payrolls edged up by 0.1 percent in March to 148.8 (1982=100), seasonally adjusted. The index has fallen by 2.2 percent from its recent peak in January 2001. In March, the manufacturing index rose for the first time since January 2001, increasing by 0.8 percent to 93.3. (See table B-9.)

### Hourly and weekly earnings

Average hourly earnings of production or nonsupervisory workers on private nonfarm payrolls increased by 4 cents in March to \$14.67, seasonally adjusted. Average weekly earnings rose by 0.3 percent to \$501.71. Over the year, average hourly earnings increased by 3.5 percent and average weekly earnings grew by 3.2 percent. (See table B-11.)

### Planned Changes Affecting Establishment Survey Data

Concurrent with the release of March 2001 benchmark revisions on June 7, 2002, BLS will implement the next phase of a new probability-based sample design for the payroll survey. Estimates for the mining, construction, manufacturing, and wholesale trade industries are currently produced using the new sample and methodology. Estimates for the transportation and public utilities; retail trade; and finance, insurance, and real estate industries will incorporate the new sample design with the June 7 release. The new sample for the services industry will be introduced in 2003, concluding the phase-in of the sample redesign. Further information is available on the Internet (<http://www.bls.gov/ces/>) or 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
April	May 3	July	August 2
May	June 7	August	September 6
June	July 5	September	October 4

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

(Numbers in thousands)

Category	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>Labor force status</b>													
Civilian noninstitutional population .....	211,171	211,348	211,525	211,725	211,921	212,135	212,357	212,581	212,767	212,927	213,089	213,206	213,334
Civilian labor force .....	141,869	141,734	141,445	141,468	141,651	141,380	142,068	142,280	142,279	142,314	141,390	142,211	142,005
Percent of population .....	67.2	67.1	66.9	66.8	66.8	66.6	66.9	66.9	66.9	66.8	66.4	66.7	66.6
Employed .....	135,808	135,424	135,235	135,003	135,106	134,408	135,004	134,615	134,253	134,055	133,468	134,319	133,894
Percent of population .....	64.3	64.1	63.9	63.8	63.8	63.4	63.6	63.3	63.1	63.0	62.6	63.0	62.8
Unemployed .....	6,061	6,310	6,210	6,465	6,545	6,972	7,064	7,665	8,026	8,259	7,922	7,891	8,111
Not in labor force .....	69,302	69,614	70,080	70,257	70,270	70,755	70,289	70,301	70,488	70,613	71,699	70,995	71,329
<b>Unemployment rates</b>													
All workers .....	4.3	4.5	4.4	4.6	4.6	4.9	5.0	5.4	5.6	5.8	5.6	5.5	5.7
Men, 20 years and over .....	3.8	3.9	3.9	4.1	4.0	4.4	4.3	4.8	5.2	5.2	5.2	5.0	5.2
Women, 20 years and over .....	3.6	3.8	3.8	3.9	4.0	4.2	4.4	4.8	4.9	5.2	4.8	5.0	5.0
Both sexes, 16 to 19 years .....	13.8	14.2	13.8	14.4	14.8	15.8	14.9	15.4	15.7	16.2	16.1	15.6	16.4
White .....	3.7	3.9	3.9	4.0	4.1	4.3	4.3	4.7	5.0	5.1	5.0	4.9	5.0
Black .....	8.4	8.2	8.0	8.4	8.1	9.0	8.8	9.6	9.9	10.2	9.8	9.6	10.7
Hispanic origin .....	6.2	6.3	6.2	6.6	6.2	6.4	6.5	7.1	7.4	7.9	8.1	7.1	7.3

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

(Numbers in thousands)

Industry	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	Mar. <sup>P</sup>
<b>Employment</b>													
Total .....	132,654	132,489	132,530	132,431	132,449	132,395	132,230	131,782	131,427	131,321	131,212	131,210	131,268
Total private .....	111,943	111,742	111,760	111,603	111,517	111,390	111,249	110,784	110,421	110,260	110,142	110,125	110,146
Goods-producing industries .....	25,602	25,421	25,324	25,186	25,122	24,963	24,888	24,746	24,577	24,453	24,273	24,243	24,166
Mining .....	557	560	564	565	567	569	569	569	567	564	563	557	555
Construction .....	6,929	6,852	6,881	6,864	6,867	6,861	6,871	6,852	6,851	6,850	6,787	6,817	6,780
Manufacturing .....	18,116	18,009	17,879	17,757	17,688	17,533	17,448	17,325	17,159	17,039	16,923	16,869	16,831
Service-producing industries .....	107,052	107,068	107,206	107,245	107,327	107,432	107,342	107,036	106,850	106,868	106,939	106,967	107,102
Transportation and public utilities .....	7,127	7,119	7,130	7,118	7,108	7,082	7,070	7,016	6,952	6,915	6,898	6,898	6,892
Wholesale trade .....	7,066	7,053	7,038	7,022	7,017	7,010	6,988	6,971	6,941	6,938	6,933	6,919	6,917
Retail trade .....	23,457	23,530	23,546	23,561	23,606	23,583	23,536	23,422	23,424	23,365	23,408	23,458	23,452
Finance, insurance, and real estate .....	7,618	7,626	7,644	7,631	7,618	7,623	7,633	7,634	7,638	7,632	7,638	7,624	7,618
Services .....	41,073	40,993	41,078	41,085	41,046	41,129	41,134	40,995	40,889	40,957	40,992	40,983	41,101
Government .....	20,711	20,747	20,770	20,828	20,932	21,005	20,981	20,998	21,006	21,061	21,070	21,085	21,122
<b>Over-the-month change</b>													
Total .....	59	-165	41	-99	18	-54	-165	-448	-355	-106	-109	-2	58
Total private .....	28	-201	18	-157	-86	-127	-141	-465	-363	-161	-118	-17	21
Goods-producing industries .....	-25	-181	-97	-138	-64	-159	-75	-142	-169	-124	-180	-30	-77
Mining .....	2	3	4	1	2	2	0	0	-2	-3	-1	-6	-2
Construction .....	49	-77	29	-17	3	-6	10	-19	-1	-1	-63	30	-37
Manufacturing .....	-76	-107	-130	-122	-69	-155	-85	-123	-166	-120	-116	-54	-38
Service-producing industries .....	84	16	138	39	82	105	-90	-306	-186	18	71	28	135
Transportation and public utilities .....	4	-8	11	-12	-10	-26	-12	-54	-64	-37	-17	0	-6
Wholesale trade .....	2	-13	-15	-16	-5	-7	-22	-17	-30	-3	-5	-14	-2
Retail trade .....	-15	73	16	15	45	-23	-47	-114	2	-59	43	50	-6
Finance, insurance, and real estate .....	9	8	18	-13	-13	5	10	1	4	-6	6	-14	-6
Services .....	53	-80	85	7	-39	83	5	-139	-106	68	35	-9	118
Government .....	31	36	23	58	104	73	-24	17	8	55	9	15	37
<b>Hours of work<sup>1</sup></b>													
Total private .....	34.3	34.2	34.2	34.2	34.2	34.0	34.1	34.0	34.1	34.1	34.1	34.2	34.2
Manufacturing .....	41.0	41.0	40.7	40.7	40.8	40.7	40.6	40.5	40.3	40.6	40.6	40.7	41.1
Overtime .....	4.1	3.9	3.9	3.9	4.0	4.1	3.9	3.8	3.7	3.8	3.9	3.9	4.2
<b>Indexes of aggregate weekly hours (1982=100)<sup>1</sup></b>													
Total private .....	152.0	151.5	151.5	151.2	150.8	150.1	149.9	148.9	148.7	148.8	148.4	148.7	148.8
Manufacturing .....	101.2	100.7	99.1	98.1	98.0	96.8	95.9	94.9	93.4	93.3	92.7	92.6	93.3
<b>Earnings<sup>1</sup></b>													
Average hourly earnings, total private:													
Current dollars .....	\$14.17	\$14.21	\$14.24	\$14.31	\$14.34	\$14.40	\$14.45	\$14.47	\$14.54	\$14.58	\$14.59	\$14.63	\$14.67
Constant (1982) dollars <sup>2</sup> .....	7.96	7.94	7.93	7.95	8.00	8.03	8.02	8.06	8.11	8.15	8.14	8.15	N.A.
Average weekly earnings, total private .....	486.03	485.98	487.01	489.40	490.43	489.60	492.75	491.98	495.81	497.18	497.52	500.35	501.71

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

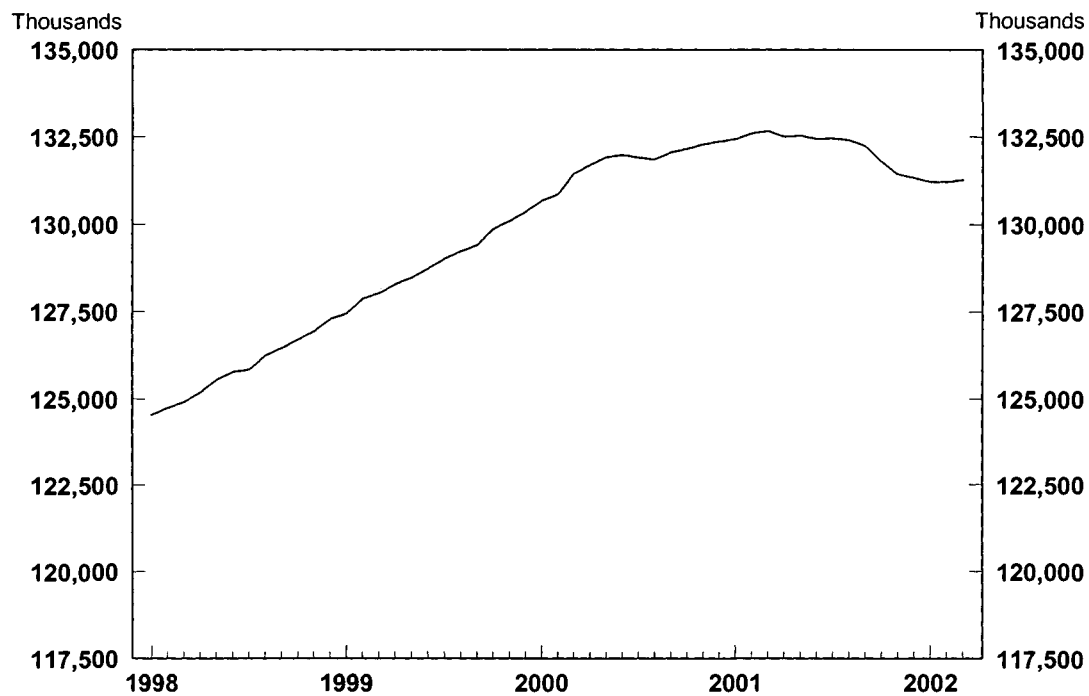
<sup>2</sup> The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate these series.

N.A. = not available.

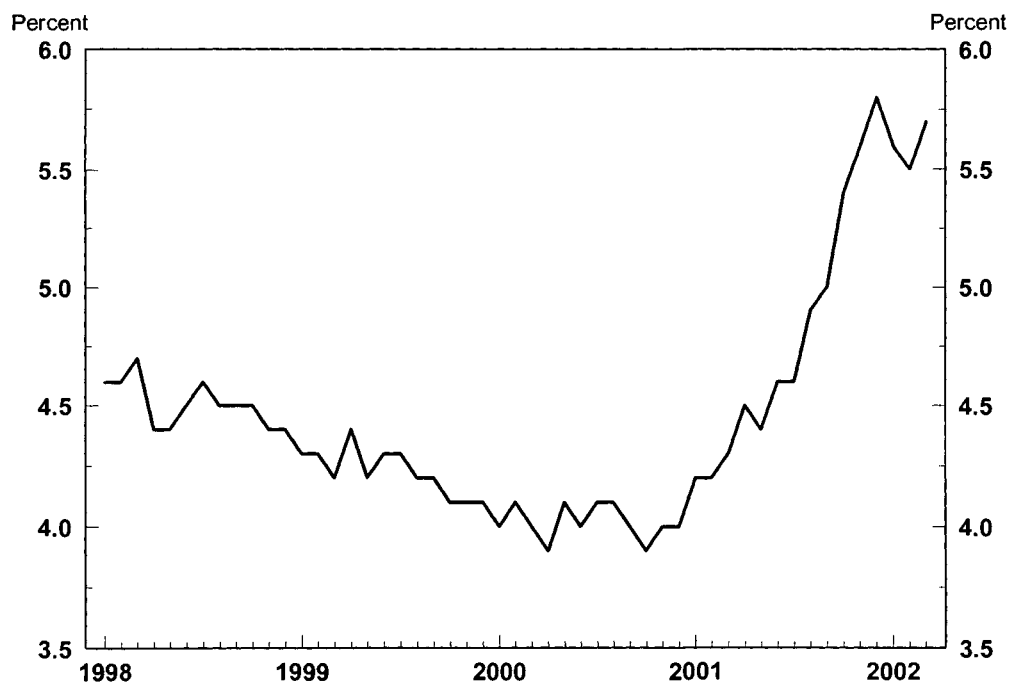
<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2000 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1997 forward are subject to revision.

**Chart 1. Nonfarm payroll employment, seasonally adjusted, 1998-2002**



**Chart 2. Unemployment rate, seasonally adjusted, 1998-2002**



NOTE: 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.

## A-1. Employment status of the civilian noninstitutional population 16 years and over, 1969 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										
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
2000 <sup>1</sup> .....	209,699	140,863	67.2	135,208	64.5	3,305	131,903	5,655	4.0	68,836
2001 .....	211,864	141,815	66.9	135,073	63.8	3,144	131,929	6,742	4.8	70,050
Monthly data, seasonally adjusted <sup>2</sup>										
<b>2001:</b>										
March .....	211,171	141,869	67.2	135,808	64.3	3,163	132,645	6,061	4.3	69,302
April .....	211,348	141,734	67.1	135,424	64.1	3,167	132,257	6,310	4.5	69,614
May .....	211,525	141,445	66.9	135,235	63.9	3,193	132,042	6,210	4.4	70,080
June .....	211,725	141,468	66.8	135,003	63.8	3,044	131,959	6,465	4.6	70,257
July .....	211,921	141,651	66.8	135,106	63.8	3,055	132,051	6,545	4.6	70,270
August .....	212,135	141,380	66.6	134,408	63.4	3,126	131,282	6,972	4.9	70,755
September .....	212,357	142,068	66.9	135,004	63.6	3,181	131,823	7,064	5.0	70,289
October .....	212,581	142,280	66.9	134,615	63.3	3,203	131,412	7,665	5.4	70,301
November .....	212,767	142,279	66.9	134,253	63.1	3,154	131,099	8,026	5.6	70,488
December .....	212,927	142,314	66.8	134,055	63.0	3,246	130,809	8,259	5.8	70,613
<b>2002:</b>										
January .....	213,089	141,390	66.4	133,468	62.6	3,273	130,195	7,922	5.6	71,699
February .....	213,206	142,211	66.7	134,319	63.0	3,246	131,073	7,891	5.5	70,995
March .....	213,334	142,005	66.6	133,894	62.8	3,126	130,768	8,111	5.7	71,329

<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.

**HOUSEHOLD DATA  
HISTORICAL**

**A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1991 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										
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
2000 <sup>1</sup> .....	100,731	75,247	74.7	72,293	71.8	2,434	69,859	2,954	3.9	25,484
2001 .....	101,858	75,743	74.4	72,080	70.8	2,275	69,805	3,663	4.8	26,114
Monthly data, seasonally adjusted <sup>2</sup>										
2001:										
March .....	101,504	75,563	74.4	72,271	71.2	2,305	69,966	3,292	4.4	25,941
April .....	101,593	75,723	74.5	72,272	71.1	2,298	69,974	3,451	4.6	25,870
May .....	101,684	75,524	74.3	72,131	70.9	2,330	69,801	3,393	4.5	26,160
June .....	101,786	75,558	74.2	72,012	70.7	2,224	69,788	3,546	4.7	26,228
July .....	101,885	75,626	74.2	72,093	70.8	2,216	69,877	3,533	4.7	26,259
August .....	101,995	75,538	74.1	71,705	70.3	2,296	69,409	3,833	5.1	26,457
September .....	102,110	75,951	74.4	72,177	70.7	2,312	69,865	3,774	5.0	26,159
October .....	102,229	76,027	74.4	71,871	70.3	2,308	69,563	4,156	5.5	26,202
November .....	102,322	76,023	74.3	71,570	69.9	2,244	69,326	4,453	5.9	26,299
December .....	102,402	75,976	74.2	71,577	69.9	2,310	69,267	4,399	5.8	26,426
2002:										
January .....	102,484	75,469	73.6	71,114	69.4	2,380	68,734	4,356	5.8	27,015
February .....	102,542	75,685	73.8	71,457	69.7	2,355	69,102	4,228	5.6	26,857
March .....	102,607	75,756	73.8	71,299	69.5	2,265	69,034	4,457	5.9	26,851
Annual averages										
WOMEN										
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
2000 <sup>1</sup> .....	108,968	65,616	60.2	62,915	57.7	871	62,044	2,701	4.1	43,352
2001 .....	110,007	66,071	60.1	62,992	57.3	869	62,124	3,079	4.7	43,935
Monthly data, seasonally adjusted <sup>2</sup>										
2001:										
March .....	109,667	66,306	60.5	63,537	57.9	858	62,679	2,769	4.2	43,361
April .....	109,756	66,011	60.1	63,152	57.5	869	62,283	2,859	4.3	43,745
May .....	109,842	65,921	60.0	63,104	57.5	863	62,241	2,817	4.3	43,921
June .....	109,839	65,910	60.0	62,991	57.3	820	62,171	2,919	4.4	44,029
July .....	110,035	66,025	60.0	63,013	57.3	839	62,174	3,012	4.6	44,010
August .....	110,140	65,842	59.8	62,703	56.9	830	61,873	3,139	4.8	44,298
September .....	110,247	66,117	60.0	62,827	57.0	869	61,958	3,290	5.0	44,130
October .....	110,353	66,253	60.0	62,744	56.9	895	61,849	3,509	5.3	44,100
November .....	110,445	68,256	60.0	62,683	56.8	910	61,773	3,573	5.4	44,189
December .....	110,525	66,338	60.0	62,478	56.5	936	61,542	3,860	5.8	44,187
2002:										
January .....	110,605	65,920	59.6	62,354	56.4	893	61,461	3,566	5.4	44,685
February .....	110,663	66,525	60.1	62,862	56.8	891	61,971	3,663	5.5	44,138
March .....	110,728	66,249	59.8	62,595	56.5	861	61,734	3,654	5.5	44,479

<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.

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

(Numbers in thousands)

Employment status, sex, and age	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	211,171	211,348	211,525	211,725	211,921	212,135	212,357	212,581	212,767	212,927	213,089	213,206	213,334
Civilian labor force .....	141,869	141,734	141,445	141,468	141,651	141,380	142,068	142,280	142,279	142,314	141,390	142,211	142,005
Percent of population .....	67.2	67.1	66.9	66.8	66.8	66.6	66.9	66.9	66.9	66.8	66.4	66.7	66.6
Employed .....	135,808	135,424	135,235	135,003	135,106	134,408	135,004	134,615	134,253	134,055	133,468	134,319	133,894
Employment-population ratio .....	64.3	64.1	63.9	63.8	63.8	63.4	63.6	63.3	63.1	63.0	62.6	63.0	62.8
Unemployed .....	6,061	6,310	6,210	6,465	6,545	6,972	7,064	7,665	8,026	8,259	7,922	7,891	8,111
Unemployment rate .....	4.3	4.5	4.4	4.6	4.6	4.9	5.0	5.4	5.6	5.8	5.6	5.5	5.7
Not in labor force .....	69,302	69,614	70,080	70,257	70,270	70,755	70,289	70,301	70,488	70,613	71,699	70,995	71,329
Persons who currently want a job .....	4,257	4,403	4,518	4,578	4,546	4,788	4,568	4,673	4,698	4,661	4,824	4,375	4,537
<b>Men, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	101,504	101,593	101,684	101,786	101,885	101,995	102,110	102,229	102,322	102,402	102,484	102,542	102,607
Civilian labor force .....	75,563	75,723	75,524	75,558	75,626	75,538	75,951	76,027	76,023	75,976	75,469	75,685	75,756
Percent of population .....	74.4	74.5	74.3	74.2	74.2	74.1	74.4	74.4	74.3	74.2	73.6	73.8	73.8
Employed .....	72,271	72,272	72,131	72,012	72,093	71,705	72,177	71,871	71,570	71,577	71,114	71,457	71,299
Employment-population ratio .....	71.2	71.1	70.9	70.7	70.8	70.3	70.7	70.3	69.9	69.9	69.4	69.7	69.5
Agriculture .....	2,305	2,298	2,330	2,224	2,216	2,296	2,312	2,308	2,244	2,310	2,380	2,355	2,265
Nonagricultural industries .....	69,966	69,974	69,801	69,788	69,877	69,409	69,865	69,563	69,326	69,267	68,734	69,102	69,034
Unemployed .....	3,292	3,451	3,393	3,546	3,533	3,833	3,774	4,156	4,453	4,399	4,356	4,228	4,457
Unemployment rate .....	4.4	4.6	4.5	4.7	4.7	5.1	5.0	5.5	5.9	5.8	5.8	5.6	5.9
Not in labor force .....	25,941	25,870	26,160	26,228	26,259	26,457	26,159	26,202	26,299	26,426	27,015	26,857	26,851
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	93,285	93,410	93,541	93,616	93,708	93,810	93,917	94,015	94,077	94,161	94,228	94,262	94,315
Civilian labor force .....	71,300	71,541	71,468	71,429	71,500	71,523	71,805	71,940	71,935	71,988	71,534	71,718	71,723
Percent of population .....	76.4	76.6	76.4	76.3	76.3	76.2	76.5	76.5	76.5	76.5	75.9	76.1	76.0
Employed .....	68,619	68,720	68,698	68,535	68,610	68,388	68,696	68,486	68,204	68,276	67,818	68,157	68,013
Employment-population ratio .....	73.6	73.6	73.4	73.2	73.2	72.9	73.1	72.8	72.5	72.5	72.0	72.3	72.1
Agriculture .....	2,150	2,105	2,168	2,057	2,035	2,129	2,138	2,132	2,082	2,141	2,207	2,185	2,084
Nonagricultural industries .....	66,469	66,615	66,530	66,478	66,575	66,259	66,558	66,354	66,122	66,135	65,611	65,973	65,929
Unemployed .....	2,681	2,821	2,770	2,894	2,890	3,135	3,109	3,454	3,731	3,712	3,716	3,560	3,710
Unemployment rate .....	3.8	3.9	3.9	4.1	4.0	4.4	4.3	4.8	5.2	5.2	5.2	5.0	5.2
Not in labor force .....	21,985	21,869	22,073	22,187	22,208	22,287	22,112	22,075	22,142	22,173	22,694	22,544	22,592
<b>Women, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	109,667	109,756	109,842	109,939	110,035	110,140	110,247	110,353	110,445	110,525	110,605	110,663	110,728
Civilian labor force .....	66,306	66,011	65,921	65,910	66,025	65,842	66,117	66,253	66,256	66,338	65,920	66,525	66,249
Percent of population .....	60.5	60.1	60.0	60.0	60.0	59.8	60.0	60.0	60.0	60.0	59.6	60.1	59.8
Employed .....	63,537	63,152	63,104	62,991	63,013	62,703	62,827	62,744	62,683	62,478	62,354	62,862	62,595
Employment-population ratio .....	57.9	57.5	57.5	57.3	57.3	56.9	57.0	56.9	56.8	56.5	56.4	56.8	56.5
Agriculture .....	858	869	863	820	839	830	869	895	910	936	893	891	861
Nonagricultural industries .....	62,679	62,283	62,241	62,171	62,174	61,873	61,958	61,849	61,773	61,542	61,461	61,971	61,734
Unemployed .....	2,769	2,859	2,817	2,919	3,012	3,139	3,290	3,509	3,573	3,860	3,566	3,663	3,654
Unemployment rate .....	4.2	4.3	4.3	4.4	4.6	4.8	5.0	5.3	5.4	5.8	5.4	5.5	5.5
Not in labor force .....	43,361	43,745	43,921	44,029	44,010	44,298	44,130	44,100	44,189	44,187	44,685	44,138	44,479
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	101,779	101,870	101,938	102,023	102,067	102,165	102,277	102,371	102,438	102,492	102,550	102,651	102,728
Civilian labor force .....	62,331	62,102	62,068	61,961	62,103	62,142	62,222	62,269	62,321	62,481	62,056	62,703	62,320
Percent of population .....	61.2	61.0	60.9	60.7	60.8	60.8	60.8	60.8	60.8	61.0	60.5	61.1	60.7
Employed .....	60,089	59,758	59,716	59,555	59,640	59,526	59,463	59,302	59,288	59,205	59,102	59,588	59,227
Employment-population ratio .....	59.0	58.7	58.6	58.4	58.4	58.3	58.1	57.9	57.9	57.8	57.6	58.0	57.7
Agriculture .....	811	827	816	772	784	781	823	842	852	859	824	829	804
Nonagricultural industries .....	59,278	58,931	58,900	58,783	58,856	58,745	58,640	58,460	58,436	58,346	58,277	58,759	58,423
Unemployed .....	2,242	2,344	2,352	2,406	2,463	2,616	2,759	2,967	3,033	3,276	2,954	3,116	3,093
Unemployment rate .....	3.6	3.8	3.8	3.9	4.0	4.2	4.4	4.8	4.9	5.2	4.8	5.0	5.0
Not in labor force .....	39,448	39,768	39,870	40,062	39,964	40,023	40,055	40,102	40,117	40,011	40,494	39,948	40,408
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	16,108	16,068	16,046	16,086	16,145	16,161	16,163	16,195	16,252	16,275	16,310	16,293	16,292
Civilian labor force .....	8,238	8,091	7,909	8,078	8,048	7,715	8,041	8,071	8,023	7,845	7,800	7,790	7,962
Percent of population .....	51.1	50.4	49.3	50.2	49.8	47.7	49.7	49.8	49.4	48.2	47.8	47.8	48.9
Employed .....	7,100	6,946	6,821	6,913	6,856	6,494	6,845	6,827	6,761	6,574	6,548	6,575	6,655
Employment-population ratio .....	44.1	43.2	42.5	43.0	42.5	40.2	42.3	42.2	41.6	40.4	40.1	40.4	40.8
Agriculture .....	202	235	209	215	236	216	220	229	220	246	241	233	239
Nonagricultural industries .....	6,898	6,711	6,612	6,698	6,620	6,278	6,625	6,598	6,541	6,328	6,307	6,342	6,416
Unemployed .....	1,138	1,145	1,088	1,165	1,192	1,221	1,196	1,244	1,262	1,271	1,252	1,215	1,308
Unemployment rate .....	13.8	14.2	13.8	14.4	14.8	15.8	14.9	15.4	15.7	16.2	16.1	15.6	16.4
Not in labor force .....	7,870	7,977	8,137	8,008	8,097	8,446	8,122	8,124	8,229	8,430	8,510	8,503	8,329

<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.

**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	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> ..	175,416	175,533	175,653	175,789	175,924	176,069	176,220	176,372	176,500	176,607	176,713	176,783	176,866
Civilian labor force .....	118,194	118,104	117,714	117,854	117,986	117,813	118,274	118,506	118,566	118,403	117,759	118,472	118,159
Percent of population .....	67.4	67.3	67.0	67.0	67.1	66.9	67.1	67.2	67.2	67.0	66.6	67.0	66.8
Employed .....	113,810	113,464	113,173	113,126	113,176	112,740	113,147	112,878	112,652	112,388	111,876	112,632	112,286
Employment-population ratio .....	64.9	64.6	64.4	64.4	64.3	64.0	64.2	64.0	63.8	63.6	63.3	63.7	63.5
Unemployed .....	4,384	4,640	4,541	4,728	4,810	5,073	5,127	5,628	5,914	6,015	5,883	5,840	5,873
Unemployment rate .....	3.7	3.9	3.9	4.0	4.1	4.3	4.3	4.7	5.0	5.1	5.0	4.9	5.0
<b>Men, 20 years and over</b>													
Civilian labor force .....	60,374	60,555	60,450	60,475	60,474	60,631	60,751	60,957	60,900	60,875	60,473	60,714	60,521
Percent of population .....	76.7	76.9	76.7	76.7	76.7	76.8	76.9	77.0	76.9	76.8	76.3	76.5	76.3
Employed .....	58,404	58,479	58,410	58,318	58,346	58,306	58,428	58,287	58,044	58,051	57,658	58,053	57,793
Employment-population ratio .....	74.2	74.3	74.2	74.0	74.0	73.8	73.9	73.7	73.3	73.3	72.7	73.2	72.8
Unemployed .....	1,970	2,076	2,040	2,157	2,128	2,325	2,323	2,670	2,856	2,824	2,815	2,661	2,728
Unemployment rate .....	3.3	3.4	3.4	3.6	3.5	3.8	3.8	4.4	4.7	4.6	4.7	4.4	4.5
<b>Women, 20 years and over</b>													
Civilian labor force .....	50,860	50,687	50,615	50,512	50,655	50,655	50,680	50,762	50,850	50,869	50,698	51,199	50,938
Percent of population .....	60.5	60.3	60.2	60.0	60.1	60.1	60.1	60.1	60.2	60.2	59.9	60.5	60.2
Employed .....	49,260	48,942	48,915	48,810	48,878	48,809	48,747	48,695	48,712	48,591	48,562	48,941	48,765
Employment-population ratio .....	58.6	58.2	58.2	58.0	58.0	57.9	57.8	57.7	57.7	57.5	57.4	57.8	57.6
Unemployed .....	1,600	1,745	1,700	1,702	1,777	1,846	1,933	2,067	2,138	2,278	2,136	2,259	2,174
Unemployment rate .....	3.1	3.4	3.4	3.4	3.5	3.6	3.8	4.1	4.2	4.5	4.2	4.4	4.3
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	6,960	6,862	6,649	6,867	6,857	6,527	6,843	6,787	6,816	6,659	6,588	6,558	6,699
Percent of population .....	54.7	53.8	52.1	53.7	53.5	50.9	53.4	52.9	53.1	51.8	51.2	51.0	52.1
Employed .....	6,146	6,043	5,848	5,998	5,952	5,625	5,972	5,896	5,896	5,746	5,656	5,639	5,728
Employment-population ratio .....	48.3	47.4	45.8	46.9	46.5	43.9	46.6	45.9	45.9	44.7	44.0	43.9	44.6
Unemployed .....	814	819	801	869	905	902	871	891	920	913	932	920	971
Unemployment rate .....	11.7	11.9	12.0	12.7	13.2	13.8	12.7	13.1	13.5	13.7	14.2	14.0	14.5
Men .....	12.3	12.9	13.3	14.3	13.8	15.1	13.6	14.7	15.8	14.6	13.7	15.4	16.3
Women .....	11.0	10.9	10.7	11.0	12.6	12.4	11.7	11.5	11.1	12.8	14.6	12.6	12.7
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> ..	25,441	25,472	25,501	25,533	25,565	25,604	25,644	25,686	25,720	25,752	25,785	25,813	25,839
Civilian labor force .....	16,750	16,678	16,644	16,739	16,685	16,720	16,827	16,748	16,687	16,833	16,769	16,747	16,758
Percent of population .....	65.8	65.5	65.3	65.6	65.3	65.3	65.6	65.2	64.9	65.4	65.0	64.9	64.9
Employed .....	15,341	15,304	15,311	15,330	15,337	15,210	15,339	15,144	15,040	15,122	15,119	15,131	14,969
Employment-population ratio .....	60.3	60.1	60.0	60.0	60.0	59.4	59.8	59.0	58.5	58.7	58.6	58.6	57.9
Unemployed .....	1,409	1,374	1,333	1,409	1,348	1,510	1,488	1,604	1,647	1,711	1,650	1,616	1,789
Unemployment rate .....	8.4	8.2	8.0	8.4	8.1	9.0	8.8	9.6	9.9	10.2	9.8	9.6	10.7
<b>Men, 20 years and over</b>													
Civilian labor force .....	7,386	7,363	7,304	7,339	7,382	7,418	7,486	7,354	7,385	7,490	7,546	7,444	7,579
Percent of population .....	72.4	72.1	71.4	71.7	72.0	72.2	72.8	71.4	71.6	72.5	72.9	71.8	73.0
Employed .....	6,779	6,770	6,747	6,764	6,796	6,763	6,905	6,751	6,739	6,811	6,872	6,798	6,814
Employment-population ratio .....	66.5	66.3	66.0	66.1	66.3	65.9	67.1	65.5	65.3	65.9	66.4	65.6	65.7
Unemployed .....	607	593	557	575	586	655	581	603	646	679	674	645	765
Unemployment rate .....	8.2	8.1	7.6	7.8	7.9	8.8	7.8	8.2	8.7	9.1	8.9	8.7	10.1
<b>Women, 20 years and over</b>													
Civilian labor force .....	8,403	8,364	8,402	8,457	8,400	8,426	8,431	8,450	8,371	8,456	8,329	8,361	8,267
Percent of population .....	65.8	65.4	65.6	66.0	65.5	65.6	65.5	65.6	64.9	65.4	64.4	64.5	63.7
Employed .....	7,873	7,873	7,867	7,887	7,878	7,835	7,783	7,734	7,669	7,720	7,628	7,653	7,526
Employment-population ratio .....	61.6	61.6	61.5	61.5	61.4	61.0	60.5	60.0	59.4	59.7	58.9	59.1	58.0
Unemployed .....	530	491	535	570	522	591	648	716	702	736	702	708	742
Unemployment rate .....	6.3	5.9	6.4	6.7	6.2	7.0	7.7	8.5	8.4	8.7	8.4	8.5	9.0

See footnotes at end of table.



**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	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	961	951	938	943	903	876	910	944	931	887	894	943	912
Percent of population .....	39.0	38.5	37.9	38.0	36.4	35.2	36.6	37.9	37.3	35.5	35.8	37.8	36.6
Employed .....	689	661	697	679	663	612	651	659	632	591	619	680	630
Employment-population ratio .....	27.9	26.7	28.1	27.4	26.7	24.6	26.2	26.5	25.3	23.7	24.8	27.2	25.3
Unemployed .....	272	290	241	264	240	264	259	285	299	296	274	263	282
Unemployment rate .....	28.3	30.5	25.7	28.0	26.6	30.1	28.5	30.2	32.1	33.4	30.7	27.9	31.0
Men .....	28.7	33.5	30.0	30.5	28.1	31.4	30.8	31.2	31.6	32.0	32.1	30.0	36.9
Women .....	28.0	27.7	21.5	25.7	25.2	28.7	26.1	29.1	32.6	34.8	29.0	25.6	24.7
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> ..	22,889	22,957	23,021	23,090	23,157	23,222	23,288	23,351	23,417	23,478	23,542	23,604	23,664
Civilian labor force .....	15,739	15,730	15,656	15,602	15,753	15,788	15,811	15,956	15,932	16,013	15,988	16,011	15,908
Percent of population .....	68.8	68.5	68.0	67.6	68.0	68.0	67.9	68.3	68.0	68.2	67.9	67.8	67.2
Employed .....	14,760	14,738	14,684	14,574	14,776	14,771	14,785	14,824	14,751	14,753	14,700	14,867	14,743
Employment-population ratio .....	64.5	64.2	63.8	63.1	63.8	63.6	63.5	63.5	63.0	62.8	62.4	63.0	62.3
Unemployed .....	979	992	972	1,028	977	1,017	1,026	1,132	1,181	1,260	1,288	1,143	1,165
Unemployment rate .....	6.2	6.3	6.2	6.6	6.2	6.4	6.5	7.1	7.4	7.9	8.1	7.1	7.3

<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.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Educational attainment	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>Less than a high school diploma</b>													
Civilian noninstitutional population <sup>1</sup> .....	27,564	28,326	28,350	28,504	27,679	27,468	27,478	27,325	27,504	27,815	28,078	27,420	27,858
Civilian labor force .....	12,100	12,240	12,187	12,121	12,130	11,954	11,981	12,076	12,035	12,257	12,112	12,172	12,187
Percent of population .....	43.9	43.2	43.0	42.5	43.8	43.5	43.6	44.2	43.8	44.1	43.1	44.4	43.7
Employed .....	11,280	11,415	11,374	11,283	11,302	11,086	11,056	11,139	11,066	11,173	11,126	11,165	11,206
Employment-population ratio .....	40.9	40.3	40.1	39.6	40.8	40.4	40.2	40.8	40.2	40.2	39.6	40.7	40.2
Unemployed .....	820	825	813	838	828	868	925	937	969	1,084	986	1,008	980
Unemployment rate .....	6.8	6.7	6.7	6.9	6.8	7.3	7.7	7.8	8.1	8.8	8.1	8.3	8.0
<b>High school graduates, no college<sup>2</sup></b>													
Civilian noninstitutional population <sup>1</sup> .....	57,660	57,456	57,456	57,099	56,947	57,513	57,400	57,221	57,400	57,520	57,608	57,362	57,327
Civilian labor force .....	37,091	37,016	36,953	36,882	36,971	37,005	36,923	36,912	36,719	36,856	36,675	37,023	36,431
Percent of population .....	64.3	64.4	64.3	64.6	64.9	64.3	64.3	64.5	64.0	64.1	63.7	64.5	63.5
Employed .....	35,668	35,608	35,508	35,426	35,452	35,403	35,319	35,199	34,882	35,051	34,768	35,078	34,450
Employment-population ratio .....	61.9	62.0	61.8	62.0	62.3	61.6	61.5	61.5	60.8	60.9	60.4	61.2	60.1
Unemployed .....	1,423	1,408	1,445	1,456	1,519	1,602	1,604	1,713	1,837	1,805	1,907	1,945	1,981
Unemployment rate .....	3.8	3.8	3.9	3.9	4.1	4.3	4.3	4.6	5.0	4.9	5.2	5.3	5.4
<b>Less than a bachelor's degree<sup>3</sup></b>													
Civilian noninstitutional population <sup>1</sup> .....	45,182	44,653	44,576	44,812	45,444	45,339	45,424	45,471	45,353	45,362	45,075	45,350	45,094
Civilian labor force .....	33,189	33,111	33,184	33,290	33,288	33,412	33,759	33,373	33,420	33,521	33,516	32,884	32,896
Percent of population .....	73.5	74.2	74.4	74.3	73.3	73.7	74.3	73.4	73.7	73.9	74.4	72.5	72.9
Employed .....	32,292	32,138	32,180	32,250	32,264	32,314	32,570	32,057	32,018	32,087	32,117	31,527	31,497
Employment-population ratio .....	71.5	72.0	72.2	72.0	71.0	71.3	71.7	70.5	70.6	70.7	71.3	69.5	69.8
Unemployed .....	897	973	1,004	1,040	1,024	1,098	1,189	1,316	1,402	1,434	1,398	1,356	1,398
Unemployment rate .....	2.7	2.9	3.0	3.1	3.1	3.3	3.5	3.9	4.2	4.3	4.2	4.1	4.3
<b>College graduates</b>													
Civilian noninstitutional population <sup>1</sup> .....	45,979	46,045	46,271	46,348	46,784	46,734	46,870	47,371	47,225	46,877	46,985	47,636	47,675
Civilian labor force .....	36,597	36,625	36,669	36,632	36,697	36,751	36,918	37,157	37,324	37,101	37,106	37,773	37,853
Percent of population .....	79.6	79.5	79.2	79.0	78.4	78.6	78.8	78.4	79.0	79.1	79.0	79.3	79.4
Employed .....	35,890	35,821	35,911	35,851	35,907	35,930	36,008	36,153	36,223	35,960	36,013	36,681	36,833
Employment-population ratio .....	78.1	77.8	77.6	77.4	76.7	76.9	76.8	76.3	76.7	76.7	76.6	77.0	77.3
Unemployed .....	707	804	758	781	790	821	910	1,004	1,101	1,141	1,093	1,092	1,019
Unemployment rate .....	1.9	2.2	2.1	2.1	2.2	2.2	2.5	2.7	2.9	3.1	2.9	2.9	2.7

<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.

**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	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>EMPLOYED</b>													
Full-time workers .....	112,860	112,411	112,134	111,974	112,081	111,340	111,590	111,095	110,854	110,545	110,665	110,978	110,638
Men, 16 years and over .....	64,743	64,680	64,578	64,464	64,638	64,213	64,693	64,310	64,042	63,873	63,751	63,854	63,814
Men, 20 years and over .....	63,337	63,303	63,254	63,125	63,298	62,962	63,339	62,969	62,741	62,630	62,515	62,638	62,448
Women, 16 years and over .....	48,127	47,741	47,571	47,497	47,525	47,067	46,884	46,789	46,830	46,640	46,924	47,129	46,905
Women, 20 years and over .....	47,092	46,730	46,590	46,521	46,464	46,244	45,983	45,854	45,904	45,776	46,022	46,190	45,957
Both sexes, 16 to 19 years .....	2,431	2,378	2,290	2,328	2,319	2,134	2,268	2,272	2,209	2,139	2,129	2,150	2,232
Part-time workers .....	22,982	22,946	23,013	23,042	22,995	23,249	23,403	23,460	23,359	23,485	22,793	23,367	23,236
Men, 16 years and over .....	7,541	7,550	7,482	7,552	7,534	7,571	7,552	7,528	7,514	7,614	7,352	7,596	7,509
Men, 20 years and over .....	5,288	5,367	5,355	5,409	5,337	5,510	5,424	5,474	5,442	5,585	5,330	5,541	5,546
Women, 16 years and over .....	15,443	15,408	15,510	15,494	15,494	15,646	15,852	15,937	15,842	15,881	15,423	15,787	15,738
Women, 20 years and over .....	13,048	13,023	13,118	13,051	13,119	13,247	13,428	13,463	13,382	13,460	13,085	13,446	13,340
Both sexes, 16 to 19 years .....	4,646	4,556	4,540	4,582	4,539	4,492	4,551	4,523	4,535	4,440	4,377	4,381	4,349
<b>UNEMPLOYED</b>													
Looking for full-time work .....	4,871	5,032	5,077	5,216	5,305	5,651	5,928	6,291	6,624	6,820	6,671	6,738	6,825
Men, 16 years and over .....	2,801	2,852	2,882	2,974	2,960	3,164	3,258	3,507	3,714	3,850	4,098	3,938	4,060
Men, 20 years and over .....	2,454	2,551	2,567	2,665	2,658	2,873	2,939	3,211	3,405	3,454	3,423	3,335	3,463
Women, 16 years and over .....	2,068	2,150	2,175	2,237	2,321	2,450	2,618	2,668	2,784	2,931	2,887	3,014	2,930
Women, 20 years and over .....	1,845	1,922	1,967	1,985	2,051	2,162	2,332	2,439	2,532	2,694	2,509	2,707	2,642
Both sexes, 16 to 19 years .....	572	559	543	566	596	616	657	641	687	672	739	697	720
Looking for part-time work .....	1,184	1,287	1,154	1,267	1,247	1,334	1,129	1,366	1,375	1,383	1,240	1,179	1,277
Men, 16 years and over .....	503	587	500	542	556	577	483	565	626	557	521	527	561
Men, 20 years and over .....	233	252	206	235	229	249	207	241	303	244	291	245	251
Women, 16 years and over .....	685	709	658	719	703	742	641	792	744	799	737	666	721
Women, 20 years and over .....	400	452	393	421	421	479	407	516	492	531	435	420	455
Both sexes, 16 to 19 years .....	551	583	555	611	597	606	515	609	580	608	513	514	571
<b>UNEMPLOYMENT RATES<sup>1</sup></b>													
Full-time workers .....	4.1	4.3	4.3	4.5	4.5	4.8	5.0	5.4	5.6	5.8	5.7	5.7	5.8
Men, 16 years and over .....	4.1	4.2	4.3	4.4	4.4	4.7	4.8	5.2	5.5	5.7	6.0	5.8	6.0
Men, 20 years and over .....	3.7	3.9	3.9	4.1	4.0	4.4	4.4	4.9	5.1	5.2	5.2	5.1	5.3
Women, 16 years and over .....	4.1	4.3	4.4	4.5	4.7	4.9	5.3	5.4	5.6	5.9	5.8	6.0	5.9
Women, 20 years and over .....	3.8	4.0	4.1	4.1	4.2	4.5	4.8	5.1	5.2	5.6	5.2	5.5	5.4
Both sexes, 16 to 19 years .....	19.0	19.0	19.2	19.6	20.4	22.4	22.5	22.0	23.7	23.9	25.8	24.5	24.4
Part-time workers .....	4.9	5.3	4.8	5.2	5.1	5.4	4.6	5.5	5.6	5.6	5.2	4.8	5.2
Men, 16 years and over .....	6.3	7.2	6.3	6.7	6.9	7.1	6.0	7.0	7.7	6.8	6.6	6.5	7.0
Men, 20 years and over .....	4.2	4.5	3.7	4.2	4.1	4.3	3.7	4.2	5.3	4.2	5.2	4.2	4.3
Women, 16 years and over .....	4.2	4.4	4.1	4.4	4.3	4.5	3.9	4.7	4.5	4.8	4.6	4.0	4.4
Women, 20 years and over .....	3.0	3.4	2.9	3.1	3.1	3.5	2.9	3.7	3.5	3.8	3.2	3.0	3.3
Both sexes, 16 to 19 years .....	10.6	11.3	10.9	11.8	11.6	11.9	10.2	11.9	11.3	12.0	10.5	10.5	11.6

<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.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Category	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>MARITAL STATUS</b>													
Total .....	135,808	135,424	135,235	135,003	135,106	134,408	135,004	134,615	134,253	134,055	133,468	134,319	133,894
Married men, spouse present .....	43,385	43,459	43,633	43,357	43,264	43,143	43,099	42,983	42,861	42,772	42,823	43,275	43,317
Married women, spouse present .....	34,007	33,699	33,692	33,466	33,571	33,685	33,604	33,227	33,330	33,209	33,174	33,703	33,552
Women who maintain families .....	8,144	8,179	8,335	8,513	8,558	8,328	8,274	8,256	8,331	8,458	8,396	8,417	8,320
<b>OCCUPATION</b>													
Managerial and professional specialty .....	41,896	41,789	41,913	41,914	41,889	41,777	41,813	41,940	41,925	41,890	41,668	41,966	41,908
Technical, sales, and administrative support .....	39,395	39,096	38,802	39,043	39,038	38,817	38,891	38,626	38,546	38,573	38,557	38,424	38,146
Service occupations .....	18,269	18,332	18,272	18,524	18,587	18,134	18,402	18,406	18,456	18,532	18,553	18,612	18,722
Precision production, craft, and repair .....	14,955	14,905	14,939	14,824	14,913	14,937	14,857	14,802	14,637	14,507	14,432	14,335	14,412
Operators, fabricators, and laborers .....	18,000	18,032	17,911	17,556	17,597	17,600	17,654	17,596	17,311	17,179	17,032	17,668	17,482
Farming, forestry, and fishing .....	3,292	3,241	3,249	3,173	3,187	3,182	3,281	3,264	3,267	3,371	3,467	3,334	3,238
<b>CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,909	1,899	1,957	1,803	1,798	1,852	1,882	1,898	1,865	1,879	1,917	1,930	1,825
Self-employed workers .....	1,224	1,220	1,208	1,193	1,252	1,239	1,278	1,290	1,276	1,313	1,311	1,293	1,264
Unpaid family workers .....	34	44	34	32	23	29	24	26	12	27	49	21	29
Nonagricultural industries:													
Wage and salary workers .....	123,767	123,406	123,530	123,069	123,204	122,685	123,186	122,710	122,507	122,196	122,145	122,770	122,545
Private industries .....	104,678	104,478	104,462	104,135	104,205	103,535	103,896	103,487	103,335	103,013	103,098	103,485	103,327
Private households .....	858	809	795	760	790	814	804	867	790	736	725	709	677
Other industries .....	103,820	103,669	103,667	103,375	103,415	102,721	103,092	102,620	102,545	102,277	102,373	102,775	102,650
Government .....	19,089	18,928	19,068	18,934	18,999	19,150	19,290	19,223	19,172	19,183	19,047	19,286	19,218
Self-employed workers .....	8,749	8,597	8,540	8,720	8,568	8,503	8,556	8,505	8,507	8,524	8,213	8,257	8,200
Unpaid family workers .....	128	99	111	102	98	111	101	95	77	92	97	86	89
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	3,221	3,277	3,388	3,649	3,571	3,389	4,148	4,329	4,206	4,267	3,973	4,228	3,997
Slack work or business conditions .....	1,965	2,118	2,205	2,276	2,174	2,115	2,796	2,983	2,796	2,809	2,549	2,755	2,721
Could only find part-time work .....	916	895	921	1,008	1,011	952	1,064	1,108	1,121	1,161	1,089	1,120	1,021
Part time for noneconomic reasons .....	18,711	18,698	18,634	18,482	18,812	19,011	18,798	18,644	18,587	18,540	18,291	18,395	18,530
Nonagricultural industries:													
Part time for economic reasons .....	3,064	3,120	3,231	3,556	3,425	3,246	4,015	4,222	4,017	4,119	3,781	3,998	3,848
Slack work or business conditions .....	1,869	2,011	2,101	2,215	2,111	2,025	2,704	2,898	2,679	2,717	2,448	2,615	2,605
Could only find part-time work .....	891	883	899	990	993	927	1,045	1,082	1,096	1,138	1,068	1,089	1,001
Part time for noneconomic reasons .....	18,162	18,166	18,097	18,066	18,283	18,485	18,232	18,065	18,007	17,960	17,717	17,886	18,004

<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.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over .....	135,808	135,424	135,235	135,003	135,106	134,408	135,004	134,615	134,253	134,055	133,468	134,319	133,894
16 to 24 years .....	20,500	20,296	20,145	20,156	20,243	19,730	20,324	20,080	20,045	19,794	19,614	19,853	19,738
16 to 19 years .....	7,100	6,946	6,821	6,913	6,856	6,494	6,845	6,827	6,761	6,574	6,548	6,575	6,655
16 to 17 years .....	2,644	2,601	2,647	2,604	2,560	2,396	2,560	2,563	2,507	2,445	2,376	2,416	2,484
18 to 19 years .....	4,443	4,340	4,136	4,332	4,309	4,097	4,273	4,247	4,253	4,153	4,182	4,163	4,148
20 to 24 years .....	13,400	13,350	13,324	13,243	13,387	13,236	13,479	13,253	13,284	13,220	13,067	13,279	13,083
25 years and over .....	115,275	115,037	115,051	114,789	114,877	114,797	114,773	114,525	114,163	114,245	113,950	114,428	114,192
25 to 54 years .....	97,162	96,811	96,763	96,575	96,632	96,442	96,417	96,028	95,561	95,633	95,106	95,447	95,246
55 years and over .....	18,093	18,168	18,245	18,222	18,260	18,366	18,406	18,498	18,560	18,622	18,879	19,046	18,881
Men, 16 years and over .....	72,271	72,272	72,131	72,012	72,093	71,705	72,177	71,871	71,570	71,577	71,114	71,457	71,299
16 to 24 years .....	10,526	10,525	10,342	10,317	10,460	10,164	10,584	10,284	10,226	10,116	10,062	10,122	10,094
16 to 19 years .....	3,652	3,552	3,433	3,477	3,483	3,317	3,481	3,385	3,366	3,301	3,295	3,300	3,287
16 to 17 years .....	1,339	1,324	1,301	1,303	1,286	1,158	1,275	1,251	1,236	1,233	1,162	1,135	1,168
18 to 19 years .....	2,319	2,226	2,110	2,190	2,202	2,152	2,187	2,133	2,130	2,069	2,150	2,175	2,117
20 to 24 years .....	6,874	6,973	6,909	6,840	6,977	6,847	7,103	6,899	6,860	6,815	6,767	6,823	6,808
25 years and over .....	61,731	61,706	61,751	61,668	61,655	61,634	61,645	61,571	61,290	61,436	61,102	61,324	61,224
25 to 54 years .....	51,839	51,679	51,753	51,717	51,707	51,576	51,661	51,474	51,119	51,245	50,868	51,078	50,972
55 years and over .....	9,917	9,976	9,944	9,944	9,960	10,032	10,030	10,081	10,152	10,200	10,267	10,291	10,250
Women, 16 years and over .....	63,537	63,152	63,104	62,991	63,013	62,703	62,827	62,744	62,683	62,478	62,354	62,862	62,595
16 to 24 years .....	9,974	9,771	9,803	9,839	9,783	9,566	9,740	9,796	9,819	9,678	9,552	9,731	9,644
16 to 19 years .....	3,448	3,394	3,388	3,436	3,373	3,177	3,364	3,442	3,395	3,273	3,252	3,275	3,368
16 to 17 years .....	1,305	1,277	1,346	1,301	1,274	1,238	1,285	1,312	1,271	1,212	1,214	1,281	1,315
18 to 19 years .....	2,124	2,114	2,026	2,142	2,107	1,945	2,086	2,114	2,123	2,084	2,032	1,988	2,031
20 to 24 years .....	6,526	6,377	6,415	6,403	6,410	6,389	6,376	6,354	6,424	6,405	6,300	6,456	6,276
25 years and over .....	53,544	53,331	53,300	53,121	53,222	53,163	53,128	52,954	52,873	52,809	52,848	53,104	52,968
25 to 54 years .....	45,323	45,132	45,010	44,858	44,925	44,866	44,756	44,554	44,442	44,388	44,238	44,369	44,274
55 years and over .....	8,176	8,192	8,301	8,278	8,300	8,334	8,376	8,417	8,408	8,422	8,611	8,755	8,632

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over .....	6,061	6,310	6,210	6,465	6,545	6,972	7,064	7,665	8,026	8,259	7,922	7,891	8,111
16 to 24 years .....	2,259	2,334	2,230	2,345	2,306	2,516	2,472	2,600	2,650	2,679	2,653	2,602	2,808
16 to 19 years .....	1,138	1,145	1,088	1,165	1,192	1,221	1,196	1,244	1,262	1,271	1,252	1,215	1,308
16 to 17 years .....	500	521	498	514	599	549	508	541	531	566	487	478	544
18 to 19 years .....	615	623	591	649	608	690	691	703	738	722	749	718	738
20 to 24 years .....	1,121	1,189	1,142	1,180	1,114	1,295	1,276	1,356	1,388	1,408	1,401	1,387	1,500
25 years and over .....	3,823	4,010	3,997	4,139	4,206	4,478	4,587	5,032	5,307	5,428	5,268	5,383	5,326
25 to 54 years .....	3,348	3,424	3,530	3,622	3,668	3,904	3,955	4,385	4,648	4,674	4,655	4,590	4,664
55 years and over .....	496	510	493	527	537	584	613	659	668	773	675	758	689
Men, 16 years and over .....	3,292	3,451	3,393	3,546	3,533	3,833	3,774	4,156	4,453	4,399	4,356	4,228	4,457
16 to 24 years .....	1,285	1,282	1,282	1,351	1,255	1,420	1,378	1,450	1,526	1,483	1,439	1,439	1,597
16 to 19 years .....	611	630	623	652	643	698	665	702	722	687	640	668	747
16 to 17 years .....	258	304	283	295	304	324	294	318	316	308	249	277	307
18 to 19 years .....	337	330	340	362	340	381	372	378	411	382	383	397	423
20 to 24 years .....	674	652	659	699	612	722	713	748	804	796	799	771	850
25 years and over .....	2,028	2,169	2,132	2,190	2,272	2,405	2,398	2,686	2,877	2,883	2,908	2,837	2,882
25 to 54 years .....	1,733	1,855	1,843	1,884	1,936	2,074	2,068	2,311	2,453	2,413	2,532	2,392	2,513
55 years and over .....	304	297	293	310	315	345	337	383	430	447	408	438	384
Women, 16 years and over .....	2,769	2,859	2,817	2,919	3,012	3,139	3,290	3,509	3,573	3,860	3,566	3,663	3,654
16 to 24 years .....	974	1,052	948	994	1,051	1,096	1,094	1,150	1,124	1,196	1,214	1,163	1,211
16 to 19 years .....	527	515	465	513	549	523	531	542	540	584	612	547	561
16 to 17 years .....	242	217	215	219	295	225	214	223	215	258	238	202	238
18 to 19 years .....	278	293	251	287	268	309	319	325	327	340	365	321	315
20 to 24 years .....	447	537	483	481	502	573	563	608	584	612	601	615	650
25 years and over .....	1,795	1,841	1,865	1,949	1,934	2,073	2,189	2,346	2,430	2,545	2,360	2,547	2,444
25 to 54 years .....	1,615	1,569	1,687	1,738	1,732	1,830	1,887	2,074	2,195	2,261	2,123	2,197	2,152
55 years and over .....	192	213	200	217	222	239	276	276	238	326	267	320	305

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

(Percent)

Age and sex	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
Total, 16 years and over .....	4.3	4.5	4.4	4.6	4.6	4.9	5.0	5.4	5.6	5.8	5.6	5.5	5.7
16 to 24 years .....	9.9	10.3	10.0	10.4	10.2	11.3	10.8	11.5	11.7	11.9	11.9	11.6	12.5
16 to 19 years .....	13.8	14.2	13.8	14.4	14.8	15.8	14.9	15.4	15.7	16.2	16.1	15.6	16.4
16 to 17 years .....	15.9	16.7	15.8	16.5	19.0	18.6	16.6	17.4	17.5	18.8	17.0	16.5	18.0
18 to 19 years .....	12.2	12.6	12.5	13.0	12.4	14.4	13.9	14.2	14.8	14.8	15.2	14.7	15.1
20 to 24 years .....	7.7	8.2	7.9	8.2	7.7	8.9	8.6	9.3	9.5	9.6	9.7	9.5	10.3
25 years and over .....	3.2	3.4	3.4	3.5	3.5	3.8	3.8	4.2	4.4	4.5	4.4	4.5	4.5
25 to 54 years .....	3.3	3.4	3.5	3.6	3.7	3.9	3.9	4.4	4.6	4.7	4.7	4.6	4.7
55 years and over .....	2.7	2.7	2.6	2.8	2.9	3.1	3.2	3.4	3.5	4.0	3.5	3.8	3.5
Men, 16 years and over .....	4.4	4.6	4.5	4.7	4.7	5.1	5.0	5.5	5.9	5.8	5.8	5.6	5.9
16 to 24 years .....	10.9	10.9	11.0	11.6	10.7	12.3	11.5	12.4	13.0	12.8	12.5	12.4	13.7
16 to 19 years .....	14.3	15.1	15.4	15.8	15.6	17.4	16.0	17.2	17.7	17.2	16.3	16.8	18.5
16 to 17 years .....	16.2	18.7	17.9	18.5	19.1	21.9	18.7	20.3	20.4	20.0	17.6	19.6	20.8
18 to 19 years .....	12.7	12.9	13.9	14.2	13.4	15.0	14.5	15.1	16.2	15.6	15.1	15.4	16.7
20 to 24 years .....	8.9	8.6	8.7	9.3	8.1	9.5	9.1	9.8	10.5	10.5	10.6	10.2	11.1
25 years and over .....	3.2	3.4	3.3	3.4	3.6	3.8	3.7	4.2	4.5	4.5	4.5	4.4	4.5
25 to 54 years .....	3.2	3.5	3.4	3.5	3.6	3.9	3.8	4.3	4.6	4.5	4.7	4.5	4.7
55 years and over .....	3.0	2.9	2.9	3.0	3.1	3.3	3.3	3.7	4.1	4.2	3.8	4.1	3.6
Women, 16 years and over .....	4.2	4.3	4.3	4.4	4.6	4.8	5.0	5.3	5.4	5.8	5.4	5.5	5.5
16 to 24 years .....	8.9	9.7	8.8	9.2	9.7	10.3	10.1	10.5	10.3	11.0	11.3	10.7	11.2
16 to 19 years .....	13.3	13.2	12.1	13.0	14.0	14.1	13.6	13.6	13.7	15.1	15.8	14.3	14.3
16 to 17 years .....	15.6	14.5	13.8	14.4	18.8	15.4	14.3	14.5	14.5	17.6	16.4	13.6	15.3
18 to 19 years .....	11.6	12.2	11.0	11.8	11.3	13.7	13.3	13.3	13.3	14.0	15.2	13.9	13.4
20 to 24 years .....	6.4	7.8	7.0	7.0	7.3	8.2	8.1	8.7	8.3	8.7	8.7	8.7	9.4
25 years and over .....	3.2	3.3	3.4	3.5	3.5	3.8	4.0	4.2	4.4	4.6	4.3	4.6	4.4
25 to 54 years .....	3.4	3.4	3.6	3.7	3.7	3.9	4.0	4.4	4.7	4.8	4.6	4.7	4.6
55 years and over .....	2.3	2.5	2.4	2.6	2.6	2.8	3.2	3.2	2.8	3.7	3.0	3.5	3.4

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Percent)

Category	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>CHARACTERISTIC</b>													
Total .....	4.3	4.5	4.4	4.6	4.6	4.9	5.0	5.4	5.6	5.8	5.6	5.5	5.7
Men, 20 years and over .....	3.8	3.9	3.9	4.1	4.0	4.4	4.3	4.8	5.2	5.2	5.2	5.0	5.2
Women, 20 years and over .....	3.6	3.8	3.8	3.9	4.0	4.2	4.4	4.8	4.9	5.2	4.8	5.0	5.0
Both sexes, 16 to 19 years .....	13.8	14.2	13.8	14.4	14.8	15.8	14.9	15.4	15.7	16.2	16.1	15.6	16.4
White .....	3.7	3.9	3.9	4.0	4.1	4.3	4.3	4.7	5.0	5.1	5.0	4.9	5.0
Black and other .....	7.2	7.1	7.1	7.4	7.3	8.1	8.0	8.6	8.8	9.1	8.7	8.8	9.5
Black .....	8.4	8.2	8.0	8.4	8.1	9.0	8.8	9.6	9.9	10.2	9.8	9.6	10.7
Hispanic origin .....	6.2	6.3	6.2	6.6	6.2	6.4	6.5	7.1	7.4	7.9	8.1	7.1	7.3
Married men, spouse present .....	2.4	2.5	2.6	2.6	2.7	2.8	2.8	3.1	3.3	3.4	3.5	3.4	3.4
Married women, spouse present .....	2.7	2.8	2.9	3.0	2.9	3.1	3.3	3.6	3.6	3.7	3.4	3.8	3.7
Women who maintain families .....	6.1	6.3	6.2	6.3	6.3	6.8	7.1	6.8	8.0	8.0	7.9	8.0	7.3
<b>OCCUPATION<sup>1</sup></b>													
Managerial and professional specialty .....	2.0	2.1	2.0	2.1	2.2	2.5	2.4	2.7	2.8	2.9	2.9	3.1	3.0
Technical, sales, and administrative support .....	3.7	3.8	3.8	4.0	4.0	4.3	4.4	4.7	5.1	5.2	4.9	5.0	5.3
Precision production, craft, and repair .....	3.5	4.4	4.4	4.4	4.4	4.8	4.9	5.6	5.8	5.8	6.3	5.5	6.0
Operators, fabricators, and laborers .....	7.2	7.0	7.2	7.9	7.4	7.8	7.7	8.5	9.1	9.2	9.5	8.7	8.7
Farming, forestry, and fishing .....	8.8	7.3	7.1	6.4	7.4	8.4	7.2	6.4	6.8	7.3	7.9	7.1	9.0
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers ...	4.5	4.6	4.6	4.8	4.8	5.2	5.2	5.8	6.0	6.2	5.9	6.0	6.1
Goods-producing industries .....	5.2	5.3	5.3	5.6	5.7	6.2	6.2	6.7	7.1	7.4	7.4	7.1	7.6
Mining .....	4.0	4.8	4.9	5.9	3.9	4.7	5.0	5.8	5.3	6.1	5.9	4.5	6.3
Construction .....	6.4	6.9	6.7	6.9	7.1	7.6	7.8	8.3	8.9	8.9	9.4	7.9	8.8
Manufacturing .....	4.8	4.6	4.8	5.0	5.2	5.7	5.6	6.0	6.4	6.8	6.6	6.7	7.0
Durable goods .....	4.7	4.4	4.8	5.0	5.0	5.8	5.8	6.5	6.9	7.2	7.0	7.5	7.5
Nondurable goods .....	4.9	4.9	4.8	4.9	5.5	5.4	5.4	5.3	5.5	6.1	5.9	5.5	6.3
Service-producing industries .....	4.2	4.3	4.3	4.5	4.5	4.8	4.9	5.5	5.6	5.8	5.4	5.6	5.6
Transportation and public utilities .....	3.2	4.0	3.6	4.1	3.4	3.6	3.9	6.0	6.1	6.1	6.2	5.8	5.4
Wholesale and retail trade .....	5.3	5.2	5.2	5.4	5.3	5.6	5.9	6.1	6.4	7.1	6.3	6.5	6.5
Finance, insurance, and real estate .....	2.5	2.6	2.4	2.6	3.1	2.7	2.8	2.8	3.5	3.0	2.2	2.8	3.1
Services .....	4.1	4.1	4.2	4.4	4.4	4.9	4.8	5.5	5.4	5.5	5.4	5.5	5.4
Government workers .....	2.1	2.2	2.0	2.1	2.1	2.1	2.2	2.3	2.4	2.4	2.3	2.7	2.8
Agricultural wage and salary workers .....	11.1	9.4	8.4	9.5	10.5	10.0	7.6	9.0	9.3	9.6	10.3	9.5	12.4

<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.



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

(Numbers in thousands)

Reason	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers and persons who completed temporary jobs .....	2,995	3,020	3,132	3,249	3,294	3,438	3,595	4,297	4,501	4,492	4,354	4,326	4,270
On temporary layoff .....	988	1,023	1,055	990	1,020	1,071	1,114	1,288	1,157	1,107	1,124	1,106	1,066
Not on temporary layoff .....	2,007	1,997	2,077	2,259	2,274	2,367	2,481	3,009	3,344	3,385	3,231	3,220	3,204
Job leavers .....	803	776	818	807	791	877	819	880	848	908	879	877	862
Reentrants .....	1,908	1,991	1,827	1,921	1,948	2,162	2,102	2,113	2,197	2,361	2,191	2,268	2,471
New entrants .....	410	456	467	470	442	488	466	466	497	495	479	485	557
<b>PERCENT DISTRIBUTION</b>													
Job losers and persons who completed temporary jobs .....	49.0	48.4	50.2	50.4	50.9	49.4	51.5	55.4	56.0	54.4	55.1	54.4	52.3
On temporary layoff .....	16.2	16.4	16.9	15.4	15.8	15.4	16.0	16.6	14.4	13.4	14.2	13.9	13.1
Not on temporary layoff .....	32.8	32.0	33.3	35.0	35.1	34.0	35.5	38.8	41.6	41.0	40.9	40.5	39.3
Job leavers .....	13.1	12.4	13.1	12.5	12.2	12.6	11.7	11.3	10.5	11.0	11.1	11.0	10.6
Reentrants .....	31.2	31.9	29.3	29.8	30.1	31.0	30.1	27.2	27.3	28.6	27.7	28.5	30.3
New entrants .....	6.7	7.3	7.5	7.3	6.8	7.0	6.7	6.0	6.2	6.0	6.1	6.1	6.8
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers and persons who completed temporary jobs .....	2.1	2.1	2.2	2.3	2.3	2.4	2.5	3.0	3.2	3.2	3.1	3.0	3.0
Job leavers .....	.6	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
Reentrants .....	1.3	1.4	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.7	1.5	1.6	1.7
New entrants .....	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4

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

(Numbers in thousands)

Duration	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
<b>NUMBER OF UNEMPLOYED</b>													
Less than 5 weeks .....	2,698	2,822	2,714	2,809	2,647	2,953	2,807	3,084	3,090	3,024	2,978	2,828	3,078
5 to 14 weeks .....	1,967	1,976	2,021	2,098	2,170	2,152	2,366	2,522	2,573	2,724	2,586	2,515	2,411
15 weeks and over .....	1,510	1,507	1,503	1,571	1,630	1,798	1,907	2,042	2,317	2,410	2,546	2,561	2,688
15 to 26 weeks .....	814	781	862	843	948	980	1,084	1,136	1,207	1,295	1,418	1,383	1,355
27 weeks and over .....	696	726	641	728	682	818	823	906	1,110	1,115	1,127	1,178	1,333
Average (mean) duration, in weeks .....	12.8	12.6	12.4	12.9	12.7	13.2	13.3	13.0	14.4	14.5	14.6	15.0	15.4
Median duration, in weeks .....	6.4	6.0	6.4	6.3	6.7	6.6	7.3	7.4	7.6	8.2	8.8	8.1	8.1
<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 .....	43.7	44.8	43.5	43.4	41.1	42.8	39.6	40.3	38.7	37.1	36.7	35.8	37.6
5 to 14 weeks .....	31.9	31.3	32.4	32.4	33.7	31.2	33.4	33.0	32.2	33.4	31.9	31.8	29.5
15 weeks and over .....	24.5	23.9	24.1	24.3	25.3	26.0	26.9	26.7	29.0	29.5	31.4	32.4	32.9
15 to 26 weeks .....	13.2	12.4	13.8	13.0	14.7	14.2	15.3	14.9	15.1	15.9	17.5	17.5	16.6
27 weeks and over .....	11.3	11.5	10.3	11.2	10.6	11.8	11.6	11.8	13.9	13.7	13.9	14.9	16.3

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Age, sex, and race	March 2002									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
<b>TOTAL</b>										
16 years and over .....	213,334	142,092	66.6	133,433	62.5	2,882	130,551	8,659	6.1	71,243
16 to 19 years .....	16,292	7,478	45.9	6,223	38.2	169	6,054	1,255	16.8	8,814
16 to 17 years .....	8,172	2,733	33.4	2,205	27.0	82	2,122	528	19.3	5,439
18 to 19 years .....	8,120	4,745	58.4	4,019	49.5	87	3,932	726	15.3	3,375
20 to 24 years .....	19,088	14,500	76.0	12,919	67.7	254	12,665	1,581	10.9	4,588
25 to 54 years .....	119,787	100,330	83.8	95,276	79.5	1,753	93,523	5,054	5.0	19,456
25 to 34 years .....	36,795	30,921	84.0	29,019	78.9	487	28,533	1,901	6.1	5,874
25 to 29 years .....	17,324	14,557	84.0	13,563	78.3	225	13,339	994	6.8	2,767
30 to 34 years .....	19,472	16,364	84.0	15,456	79.4	262	15,194	908	5.5	3,108
35 to 44 years .....	44,171	37,385	84.6	35,555	80.5	713	34,843	1,829	4.9	6,786
35 to 39 years .....	21,310	17,981	84.4	17,108	80.3	355	16,754	872	4.9	3,330
40 to 44 years .....	22,861	19,404	84.9	18,447	80.7	358	18,089	957	4.9	3,456
45 to 54 years .....	38,821	32,025	82.5	30,702	79.1	553	30,148	1,323	4.1	6,796
45 to 49 years .....	20,851	17,558	84.2	16,836	80.7	312	16,524	723	4.1	3,293
50 to 54 years .....	17,969	14,466	80.5	13,866	77.2	241	13,625	601	4.2	3,503
55 to 64 years .....	25,239	15,489	61.4	14,860	58.9	412	14,448	629	4.1	9,751
55 to 59 years .....	14,261	10,017	70.2	9,639	67.6	240	9,398	379	3.8	4,244
60 to 64 years .....	10,978	5,471	49.8	5,221	47.6	171	5,050	250	4.6	5,507
65 years and over .....	32,928	4,294	13.0	4,154	12.6	294	3,860	140	3.3	28,634
65 to 69 years .....	9,296	2,351	25.3	2,265	24.4	125	2,140	85	3.6	6,946
70 to 74 years .....	8,345	1,168	14.0	1,130	13.5	102	1,028	38	3.3	7,177
75 years and over .....	15,287	775	5.1	759	5.0	66	692	17	2.2	14,512
<b>Men</b>										
16 years and over .....	102,607	75,627	73.7	70,660	68.9	2,052	68,608	4,967	6.6	26,980
16 to 19 years .....	8,292	3,781	45.6	3,069	37.0	126	2,943	712	18.8	4,511
16 to 17 years .....	4,187	1,318	31.5	1,029	24.6	64	966	289	21.9	2,869
18 to 19 years .....	4,105	2,463	60.0	2,040	49.7	63	1,978	423	17.2	1,641
20 to 24 years .....	9,484	7,560	79.7	6,627	69.9	173	6,454	933	12.3	1,924
25 to 54 years .....	58,693	53,585	91.3	50,705	86.4	1,244	49,462	2,879	5.4	5,108
25 to 34 years .....	17,947	16,662	92.8	15,551	86.6	366	15,185	1,111	6.7	1,285
25 to 29 years .....	8,449	7,794	92.3	7,184	85.0	163	7,021	610	7.8	654
30 to 34 years .....	9,499	8,868	93.4	8,367	88.1	203	8,164	501	5.6	631
35 to 44 years .....	21,795	20,076	92.1	19,075	87.5	531	18,544	1,001	5.0	1,720
35 to 39 years .....	10,493	9,704	92.5	9,270	88.3	275	8,995	434	4.5	789
40 to 44 years .....	11,302	10,372	91.8	9,805	86.8	256	9,549	567	5.5	930
45 to 54 years .....	18,950	16,847	88.9	16,079	84.9	346	15,733	768	4.6	2,103
45 to 49 years .....	10,210	9,231	90.4	8,801	86.2	198	8,603	430	4.7	979
50 to 54 years .....	8,740	7,615	87.1	7,278	83.3	148	7,130	338	4.4	1,124
55 to 64 years .....	12,034	8,229	68.4	7,855	65.3	305	7,550	375	4.6	3,805
55 to 59 years .....	6,840	5,320	77.8	5,106	74.6	188	4,918	214	4.0	1,520
60 to 64 years .....	5,194	2,910	56.0	2,749	52.9	117	2,632	161	5.5	2,284
65 years and over .....	14,104	2,472	17.5	2,403	17.0	204	2,199	68	2.8	11,632
65 to 69 years .....	4,344	1,359	31.3	1,316	30.3	88	1,229	42	3.1	2,985
70 to 74 years .....	3,737	653	17.5	632	16.9	70	562	21	3.2	3,084
75 years and over .....	6,023	460	7.6	455	7.6	47	408	5	1.2	5,563
<b>Women</b>										
16 years and over .....	110,728	66,465	60.0	62,773	56.7	830	61,943	3,692	5.6	44,263
16 to 19 years .....	8,000	3,697	46.2	3,154	39.4	43	3,111	543	14.7	4,303
16 to 17 years .....	3,984	1,415	35.5	1,175	29.5	19	1,157	240	16.9	2,569
18 to 19 years .....	4,016	2,282	56.8	1,979	49.3	24	1,954	303	13.3	1,734
20 to 24 years .....	9,604	6,940	72.3	6,292	65.5	81	6,211	649	9.3	2,664
25 to 54 years .....	61,094	46,746	76.5	44,571	73.0	510	44,062	2,175	4.7	14,348
25 to 34 years .....	18,848	14,259	75.7	13,469	71.5	121	13,348	790	5.5	4,589
25 to 29 years .....	8,875	6,763	76.2	6,379	71.9	61	6,318	383	5.7	2,112
30 to 34 years .....	9,973	7,496	75.2	7,089	71.1	60	7,030	407	5.4	2,477
35 to 44 years .....	22,375	17,309	77.4	16,480	73.7	182	16,298	829	4.8	5,066
35 to 39 years .....	10,817	8,277	76.5	7,838	72.5	79	7,759	438	5.3	2,540
40 to 44 years .....	11,559	9,032	78.1	8,642	74.8	102	8,540	390	4.3	2,526
45 to 54 years .....	19,871	15,178	76.4	14,622	73.6	207	14,415	556	3.7	4,693
45 to 49 years .....	10,641	8,327	78.3	8,034	75.5	114	7,921	293	3.5	2,314
50 to 54 years .....	9,229	6,851	74.2	6,588	71.4	93	6,495	263	3.8	2,378
55 to 64 years .....	13,205	7,259	55.0	7,006	53.1	107	6,898	254	3.5	5,946
55 to 59 years .....	7,421	4,698	63.3	4,533	61.1	52	4,480	165	3.5	2,723
60 to 64 years .....	5,784	2,562	44.3	2,473	42.7	55	2,418	89	3.5	3,222
65 years and over .....	18,824	1,822	9.7	1,750	9.3	89	1,661	72	3.9	17,002
65 to 69 years .....	4,952	992	20.0	949	19.2	37	912	43	4.3	3,960
70 to 74 years .....	4,608	515	11.2	498	10.8	32	465	18	3.4	4,093
75 years and over .....	9,263	315	3.4	304	3.3	20	284	11	3.6	8,949

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

(Numbers in thousands)

Age, sex, and race	March 2002								
	Civilian noninstitutional population	Civilian labor force							
		Total	Percent of population	Employed				Unemployed	
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force
<b>WHITE</b>									
16 years and over .....	176,866	118,291	66.9	111,941	63.3	2,688	109,253	6,351	5.4
16 to 19 years .....	12,847	6,307	49.1	5,388	41.9	167	5,222	919	14.6
16 to 17 years .....	6,400	2,335	36.5	1,946	30.4	82	1,864	389	16.7
18 to 19 years .....	6,447	3,972	61.6	3,442	53.4	84	3,358	530	13.3
20 to 24 years .....	15,292	11,969	78.3	10,899	71.3	245	10,655	1,070	8.9
25 to 54 years .....	97,922	82,710	84.5	78,985	80.7	1,632	77,354	3,725	4.5
25 to 34 years .....	29,351	24,889	84.8	23,528	80.2	453	23,075	1,361	5.5
25 to 29 years .....	13,786	11,733	85.1	11,016	79.9	211	10,805	716	6.1
30 to 34 years .....	15,566	13,156	84.5	12,512	80.4	242	12,270	644	4.9
35 to 44 years .....	36,074	30,738	85.2	29,371	81.4	679	28,693	1,367	4.4
35 to 39 years .....	17,227	14,565	84.5	13,956	81.0	332	13,624	609	4.2
40 to 44 years .....	18,847	16,173	85.8	15,415	81.8	347	15,068	758	4.7
45 to 54 years .....	32,496	27,083	83.3	26,086	80.3	499	25,587	997	3.7
45 to 49 years .....	17,301	14,723	85.1	14,191	82.0	290	13,902	532	3.6
50 to 54 years .....	15,195	12,360	81.3	11,895	78.3	210	11,685	465	3.8
55 to 64 years .....	21,706	13,511	62.2	12,992	59.9	367	12,625	519	3.8
55 to 59 years .....	12,257	8,706	71.0	8,397	68.5	206	8,191	310	3.6
60 to 64 years .....	9,449	4,805	50.9	4,595	48.6	161	4,434	209	4.4
65 years and over .....	29,099	3,794	13.0	3,676	12.6	279	3,397	118	3.1
65 to 69 years .....	7,953	2,006	25.2	1,938	24.4	114	1,824	68	3.4
70 to 74 years .....	7,417	1,070	14.4	1,035	13.9	101	933	35	3.3
75 years and over .....	13,729	718	5.2	704	5.1	64	640	15	2.0
<b>Men</b>									
16 years and over .....	85,932	63,815	74.3	60,080	69.9	1,891	58,189	3,735	5.9
16 to 19 years .....	6,564	3,152	48.0	2,633	40.1	124	2,510	519	16.5
16 to 17 years .....	3,293	1,122	34.1	910	27.6	64	846	212	18.9
18 to 19 years .....	3,271	2,030	62.1	1,723	52.7	60	1,663	307	15.1
20 to 24 years .....	7,702	6,310	81.9	5,657	73.5	164	5,493	653	10.3
25 to 54 years .....	48,647	44,898	92.3	42,709	87.8	1,146	41,562	2,189	4.9
25 to 34 years .....	14,579	13,703	94.0	12,852	88.2	336	12,516	851	6.2
25 to 29 years .....	6,850	6,422	93.7	5,961	87.0	152	5,809	461	7.2
30 to 34 years .....	7,728	7,281	94.2	6,891	89.2	184	6,707	390	5.4
35 to 44 years .....	18,004	16,765	93.1	15,992	88.8	503	15,489	773	4.6
35 to 39 years .....	8,585	8,004	93.2	7,696	89.6	252	7,443	308	3.9
40 to 44 years .....	9,419	8,761	93.0	8,296	88.1	250	8,046	465	5.3
45 to 54 years .....	16,064	14,430	89.8	13,865	86.3	307	13,558	565	3.9
45 to 49 years .....	8,590	7,851	91.4	7,545	87.8	181	7,364	305	3.9
50 to 54 years .....	7,474	6,580	88.0	6,319	84.5	126	6,193	260	4.0
55 to 64 years .....	10,493	7,269	69.3	6,955	66.3	265	6,689	314	4.3
55 to 59 years .....	5,962	4,680	78.5	4,503	75.5	158	4,345	177	3.8
60 to 64 years .....	4,531	2,589	57.1	2,451	54.1	107	2,345	138	5.3
65 years and over .....	12,526	2,185	17.4	2,126	17.0	191	1,935	59	2.7
65 to 69 years .....	3,718	1,153	31.0	1,118	30.1	77	1,041	35	3.1
70 to 74 years .....	3,354	601	17.9	581	17.3	69	511	21	3.4
75 years and over .....	5,455	431	7.9	427	7.8	45	382	3	.8
<b>Women</b>									
16 years and over .....	90,933	54,476	59.9	51,861	57.0	797	51,063	2,615	4.8
16 to 19 years .....	6,283	3,155	50.2	2,755	43.8	43	2,712	400	12.7
16 to 17 years .....	3,107	1,213	39.0	1,036	33.4	19	1,018	177	14.6
18 to 19 years .....	3,176	1,942	61.1	1,719	54.1	24	1,694	223	11.5
20 to 24 years .....	7,590	5,659	74.6	5,242	69.1	80	5,162	417	7.4
25 to 54 years .....	49,275	37,812	76.7	36,277	73.6	485	35,791	1,535	4.1
25 to 34 years .....	14,773	11,186	75.7	10,676	72.3	117	10,559	510	4.6
25 to 29 years .....	6,935	5,311	76.6	5,055	72.9	59	4,996	256	4.8
30 to 34 years .....	7,837	5,875	75.0	5,621	71.7	58	5,563	254	4.3
35 to 44 years .....	18,070	13,973	77.3	13,379	74.0	176	13,203	594	4.3
35 to 39 years .....	8,642	6,561	75.9	6,260	72.4	79	6,181	301	4.6
40 to 44 years .....	9,428	7,413	78.6	7,119	75.5	97	7,023	493	4.0
45 to 54 years .....	16,432	12,652	77.0	12,221	74.4	192	12,029	432	3.4
45 to 49 years .....	8,711	6,872	78.9	6,646	76.3	108	6,537	226	3.3
50 to 54 years .....	7,721	5,780	74.9	5,575	72.2	84	5,492	205	3.5
55 to 64 years .....	11,213	6,242	55.7	6,037	53.8	102	5,936	205	3.3
55 to 59 years .....	6,296	4,026	64.0	3,893	61.8	47	3,846	133	3.3
60 to 64 years .....	4,918	2,216	45.1	2,144	43.6	54	2,090	72	3.2
65 years and over .....	16,572	1,609	9.7	1,550	9.4	87	1,463	58	3.6
65 to 69 years .....	4,236	853	20.1	820	19.4	37	783	33	3.9
70 to 74 years .....	4,063	468	11.5	454	11.2	32	422	14	3.1
75 years and over .....	8,274	288	3.5	276	3.3	19	258	11	3.9

**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	Civilian noninstitutional population	March 2002								Not in labor force
		Total	Percent of population	Civilian labor force				Number	Percent of labor force	
				Total	Percent of population	Agri-culture	Nonagri-cultural industries			
BLACK										
16 years and over .....	25,839	16,716	64.7	14,895	57.6	111	14,783	1,821	10.9	9,123
16 to 19 years .....	2,494	850	34.1	565	22.6	3	562	285	33.6	1,644
16 to 17 years .....	1,269	279	22.0	162	12.8	-	162	117	41.9	990
18 to 19 years .....	1,225	571	46.6	402	32.9	3	400	168	29.5	654
20 to 24 years .....	2,785	1,878	67.4	1,456	52.3	7	1,449	422	22.5	907
25 to 54 years .....	15,224	12,265	80.6	11,241	73.8	69	11,172	1,024	8.3	2,959
25 to 34 years .....	5,092	4,221	82.9	3,805	74.7	19	3,786	416	9.8	871
25 to 29 years .....	2,461	2,005	81.5	1,786	72.6	8	1,779	219	10.9	456
30 to 34 years .....	2,631	2,216	84.2	2,019	76.7	12	2,007	197	8.9	415
35 to 44 years .....	5,681	4,629	81.5	4,265	75.1	25	4,239	364	7.9	1,052
35 to 39 years .....	2,815	2,352	83.5	2,158	76.7	15	2,143	194	8.2	463
40 to 44 years .....	2,866	2,277	79.5	2,107	73.5	11	2,096	171	7.5	589
45 to 54 years .....	4,451	3,415	76.7	3,172	71.3	25	3,147	244	7.1	1,036
45 to 49 years .....	2,494	1,951	78.2	1,794	71.9	7	1,787	158	8.1	543
50 to 54 years .....	1,957	1,464	74.8	1,378	70.4	18	1,360	86	5.9	493
55 to 64 years .....	2,499	1,355	54.2	1,283	51.3	21	1,263	72	5.3	1,144
55 to 59 years .....	1,390	906	65.2	853	61.4	12	841	53	5.8	484
60 to 64 years .....	1,109	449	40.5	430	38.8	9	421	19	4.3	660
65 years and over .....	2,837	367	12.9	349	12.3	11	338	18	4.9	2,470
65 to 69 years .....	990	246	24.9	233	23.5	9	224	13	5.4	744
70 to 74 years .....	692	76	11.0	73	10.6	-	73	3	3.6	616
75 years and over .....	1,156	45	3.9	43	3.7	2	41	2	( <sup>1</sup> )	1,110
Men										
16 years and over .....	11,601	7,999	68.9	7,048	60.7	94	6,954	951	11.9	3,603
16 to 19 years .....	1,226	450	36.7	289	23.5	3	286	161	35.8	777
16 to 17 years .....	638	136	21.3	75	11.8	-	75	61	44.8	502
18 to 19 years .....	589	314	53.3	214	36.3	3	211	100	31.9	275
20 to 24 years .....	1,276	892	69.9	665	52.1	7	657	228	25.5	384
25 to 54 years .....	6,890	5,841	84.8	5,321	77.2	57	5,265	520	8.9	1,049
25 to 34 years .....	2,273	2,009	88.4	1,816	79.9	17	1,799	193	9.6	264
25 to 29 years .....	1,085	949	87.5	838	77.3	5	833	111	11.7	135
30 to 34 years .....	1,188	1,060	89.2	978	82.3	12	966	82	7.7	129
35 to 44 years .....	2,605	2,217	85.1	2,042	78.4	20	2,022	174	7.9	388
35 to 39 years .....	1,283	1,112	86.7	1,022	79.6	15	1,007	90	8.1	171
40 to 44 years .....	1,321	1,104	83.6	1,020	77.2	6	1,015	84	7.6	217
45 to 54 years .....	2,013	1,616	80.3	1,463	72.7	19	1,444	153	9.5	397
45 to 49 years .....	1,140	939	82.4	835	73.2	7	828	104	11.1	201
50 to 54 years .....	873	677	77.5	628	71.9	20	616	49	7.2	196
55 to 64 years .....	1,079	622	57.7	589	54.6	16	573	33	5.3	457
55 to 59 years .....	601	422	70.2	396	66.0	7	389	26	6.1	179
60 to 64 years .....	478	200	41.9	193	40.4	9	184	7	3.6	278
65 years and over .....	1,130	193	17.1	184	16.3	11	173	9	4.7	937
65 to 69 years .....	454	142	31.3	135	29.8	9	126	7	4.9	312
70 to 74 years .....	264	31	11.9	31	11.9	-	31	-	-	233
75 years and over .....	411	19	4.7	17	4.2	2	15	2	( <sup>1</sup> )	392
Women										
16 years and over .....	14,238	8,717	61.2	7,847	55.1	17	7,829	871	10.0	5,521
16 to 19 years .....	1,268	400	31.6	276	21.8	-	276	124	31.1	867
16 to 17 years .....	631	143	22.7	87	13.8	-	87	56	39.2	488
18 to 19 years .....	636	257	40.4	189	29.7	-	189	68	26.5	379
20 to 24 years .....	1,509	986	65.3	792	52.5	-	792	194	19.7	523
25 to 54 years .....	8,334	6,424	77.1	5,920	71.0	13	5,908	504	7.8	1,910
25 to 34 years .....	2,818	2,212	78.5	1,989	70.6	2	1,987	223	10.1	607
25 to 29 years .....	1,376	1,055	76.7	948	68.9	2	946	108	10.2	321
30 to 34 years .....	1,442	1,156	80.2	1,041	72.2	-	1,041	115	9.9	286
35 to 44 years .....	3,077	2,412	78.4	2,222	72.2	5	2,217	190	7.9	664
35 to 39 years .....	1,532	1,239	80.9	1,136	74.2	-	1,136	103	8.3	292
40 to 44 years .....	1,545	1,173	75.9	1,086	70.3	5	1,081	87	7.4	372
45 to 54 years .....	2,439	1,800	73.8	1,709	70.1	6	1,703	91	5.0	639
45 to 49 years .....	1,355	1,013	74.7	959	70.8	-	959	54	5.3	342
50 to 54 years .....	1,084	787	72.6	750	69.2	6	744	37	4.7	297
55 to 64 years .....	1,420	733	51.6	694	48.8	5	689	39	5.4	687
55 to 59 years .....	788	484	61.3	457	57.9	5	452	27	5.6	305
60 to 64 years .....	632	249	39.5	237	37.5	-	237	12	4.9	382
65 years and over .....	1,707	174	10.2	165	9.7	-	165	9	5.2	1,533
65 to 69 years .....	536	104	19.4	97	18.2	-	97	6	6.1	432
70 to 74 years .....	427	44	10.4	42	9.7	-	42	3	( <sup>1</sup> )	383
75 years and over .....	744	26	3.5	26	3.5	-	26	-	-	719

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

**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	
	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
<b>TOTAL</b>								
Civilian noninstitutional population .....	211,171	213,334	93,285	94,315	101,779	102,728	16,108	16,292
Civilian labor force .....	141,751	142,092	71,251	71,846	62,731	62,768	7,769	7,478
Percent of population .....	67.1	66.6	76.4	76.2	61.6	61.1	48.2	45.9
Employed .....	135,298	133,433	68,171	67,591	60,447	59,619	6,680	6,223
Agriculture .....	2,921	2,882	1,987	1,926	791	787	143	169
Nonagricultural industries .....	132,377	130,551	66,184	65,665	59,656	58,832	6,537	6,054
Unemployed .....	6,453	8,659	3,080	4,255	2,285	3,149	1,088	1,255
Unemployment rate .....	4.6	6.1	4.3	5.9	3.6	5.0	14.0	16.8
Not in labor force .....	69,421	71,243	22,034	22,469	39,048	39,960	8,339	8,814
<b>White</b>								
Civilian noninstitutional population .....	175,416	176,866	78,671	79,368	84,012	84,650	12,733	12,847
Civilian labor force .....	118,166	118,291	60,400	60,663	51,195	51,321	6,571	6,307
Percent of population .....	67.4	66.9	76.8	76.4	60.9	60.6	51.6	49.1
Employed .....	113,445	111,941	58,075	57,447	49,564	49,106	5,806	5,388
Agriculture .....	2,758	2,688	1,862	1,767	759	754	137	167
Nonagricultural industries .....	110,687	109,253	56,213	55,680	48,805	48,351	5,669	5,222
Unemployed .....	4,721	6,351	2,326	3,216	1,631	2,215	765	919
Unemployment rate .....	4.0	5.4	3.9	5.3	3.2	4.3	11.6	14.6
Not in labor force .....	57,249	58,574	18,270	18,705	32,817	33,329	6,162	6,540
<b>Black</b>								
Civilian noninstitutional population .....	25,441	25,839	10,200	10,375	12,774	12,970	2,467	2,494
Civilian labor force .....	16,699	16,716	7,349	7,549	8,450	8,317	900	850
Percent of population .....	65.6	64.7	72.0	72.8	66.2	64.1	36.5	34.1
Employed .....	15,264	14,895	6,722	6,759	7,916	7,571	626	565
Agriculture .....	108	111	90	91	13	17	5	3
Nonagricultural industries .....	15,155	14,783	6,632	6,668	7,903	7,553	621	562
Unemployed .....	1,435	1,821	627	790	534	746	274	285
Unemployment rate .....	8.6	10.9	8.5	10.5	6.3	9.0	30.5	33.6
Not in labor force .....	8,742	9,123	2,851	2,826	4,324	4,653	1,567	1,644

**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	March 2002									
	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 ENROLLED										
Total, 16 to 24 years .....	19,747	9,170	46.4	8,162	1,677	6,485	1,008	291	717	11.0
16 to 19 years .....	13,037	5,113	39.2	4,388	460	3,928	725	147	578	14.2
20 to 24 years .....	6,709	4,058	60.5	3,774	1,217	2,557	283	145	139	7.0
High school .....	10,342	3,652	35.3	3,053	259	2,794	599	95	505	16.4
College .....	9,405	5,519	58.7	5,110	1,418	3,692	409	197	212	7.4
Full-time students .....	7,977	4,286	53.7	3,989	722	3,267	297	118	179	6.9
Part-time students .....	1,428	1,233	86.3	1,121	697	424	112	79	33	9.1
Men, 16 to 24 years .....	9,819	4,327	44.1	3,790	809	2,982	536	165	371	12.4
16 to 19 years .....	6,610	2,463	37.3	2,069	252	1,817	394	90	304	16.0
20 to 24 years .....	3,209	1,864	58.1	1,722	557	1,164	142	75	67	7.6
High school .....	5,415	1,832	33.8	1,489	138	1,351	343	62	281	18.7
College .....	4,404	2,495	56.6	2,301	671	1,631	193	103	90	7.8
Full-time students .....	3,773	1,951	51.7	1,811	374	1,437	139	61	78	7.1
Part-time students .....	631	544	86.3	490	296	194	54	42	12	10.0
Women, 16 to 24 years .....	9,928	4,844	48.8	4,372	868	3,504	472	126	346	9.7
16 to 19 years .....	6,427	2,650	41.2	2,319	208	2,111	331	56	274	12.5
20 to 24 years .....	3,500	2,194	62.7	2,053	660	1,393	141	70	71	6.4
High school .....	4,927	1,820	36.9	1,564	121	1,443	256	33	224	14.1
College .....	5,001	3,024	60.5	2,808	747	2,061	215	93	122	7.1
Full-time students .....	4,204	2,335	55.5	2,178	347	1,830	158	57	101	6.8
Part-time students .....	797	688	86.4	631	400	231	58	37	21	8.4
White										
Total, 16 to 24 years .....	15,590	7,752	49.7	7,037	1,408	5,629	715	177	539	9.2
16 to 19 years .....	10,271	4,363	42.5	3,840	405	3,436	523	93	430	12.0
20 to 24 years .....	5,319	3,389	63.7	3,197	1,003	2,194	192	84	108	5.7
Men .....	7,806	3,646	46.7	3,263	705	2,558	382	105	277	10.5
Women .....	7,784	4,107	52.8	3,774	703	3,071	333	72	261	8.1
High school .....	8,086	3,113	38.5	2,674	218	2,456	439	66	373	14.1
College .....	7,505	4,639	61.8	4,363	1,190	3,173	276	111	166	6.0
Full-time students .....	6,392	3,664	57.3	3,447	624	2,823	216	74	143	5.9
Part-time students .....	1,112	975	87.7	916	565	350	60	37	23	6.1
Black										
Total, 16 to 24 years .....	2,818	916	32.5	683	185	497	234	96	138	25.5
16 to 19 years .....	1,939	509	26.3	337	32	305	172	52	120	33.8
20 to 24 years .....	879	407	46.3	345	153	192	62	44	18	15.2
Men .....	1,321	414	31.3	292	64	228	122	50	71	29.4
Women .....	1,497	503	33.6	391	121	269	112	46	66	22.3
High school .....	1,648	387	23.5	251	29	222	137	26	111	35.3
College .....	1,170	529	45.2	432	157	275	97	70	27	18.3
Full-time students .....	976	381	39.1	319	81	238	62	38	24	16.3
Part-time students .....	194	148	76.1	113	76	37	35	32	3	23.7
Hispanic origin										
Total, 16 to 24 years .....	2,373	1,022	43.1	880	281	599	142	42	100	13.9
16 to 19 years .....	1,671	549	32.8	431	82	349	118	26	92	21.5
20 to 24 years .....	702	473	67.5	449	199	250	24	16	8	5.1
Men .....	1,169	470	40.2	397	133	264	72	24	48	15.4
Women .....	1,204	553	45.9	483	147	336	70	18	52	12.6
High school .....	1,466	424	29.0	336	72	265	88	15	73	20.8
College .....	907	598	65.9	544	209	335	54	27	27	9.0
Full-time students .....	681	415	60.9	379	108	271	35	18	17	8.5
Part-time students .....	225	183	81.3	165	101	63	19	9	10	10.1

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	March 2002									
	Civilian noninstitutional population	Civilian labor force								Percent of labor force
		Total	Percent of population	Employed			Unemployed			
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	
TOTAL NOT ENROLLED										
Total, 16 to 24 years .....	15,633	12,808	81.9	10,980	9,064	1,916	1,828	1,717	111	14.3
16 to 19 years .....	3,255	2,365	72.7	1,836	1,292	543	530	479	51	22.4
20 to 24 years .....	12,379	10,443	84.4	9,145	7,772	1,373	1,298	1,238	60	12.4
Less than a high school diploma .....	4,059	2,733	67.3	2,065	1,619	446	668	612	56	24.4
High school graduates, no college .....	6,742	5,648	83.8	4,859	3,996	863	789	751	38	14.0
Less than a bachelor's degree .....	3,297	2,957	89.7	2,648	2,195	453	309	292	17	10.4
College graduates .....	1,536	1,469	95.7	1,408	1,253	154	62	62	-	4.2
Men, 16 to 24 years .....	7,957	7,014	88.2	5,906	5,113	793	1,108	1,061	47	15.8
16 to 19 years .....	1,682	1,318	78.4	1,001	769	231	317	291	26	24.1
20 to 24 years .....	6,275	5,696	90.8	4,906	4,344	562	791	770	20	13.9
Less than a high school diploma .....	2,200	1,771	80.5	1,335	1,132	203	436	402	34	24.6
High school graduates, no college .....	3,536	3,157	89.3	2,684	2,323	361	473	460	13	15.0
Less than a bachelor's degree .....	1,580	1,465	92.7	1,301	1,137	165	164	164	-	11.2
College graduates .....	641	621	96.9	586	522	64	35	35	-	5.7
Women, 16 to 24 years .....	7,677	5,794	75.5	5,074	3,951	1,123	720	656	64	12.4
16 to 19 years .....	1,573	1,047	66.6	835	523	312	212	188	25	20.3
20 to 24 years .....	6,104	4,746	77.8	4,239	3,428	811	507	468	39	10.7
Less than a high school diploma .....	1,859	962	51.7	730	487	243	232	210	22	24.1
High school graduates, no college .....	3,206	2,492	77.7	2,175	1,674	501	316	291	25	12.7
Less than a bachelor's degree .....	1,717	1,492	86.9	1,347	1,059	289	145	128	17	9.7
College graduates .....	894	848	94.8	822	732	90	26	26	-	3.1
White										
Total, 16 to 24 years .....	12,548	10,524	83.9	9,250	7,595	1,656	1,274	1,192	82	12.1
16 to 19 years .....	2,576	1,944	75.5	1,548	1,080	468	396	356	40	20.4
20 to 24 years .....	9,972	8,580	86.0	7,702	6,515	1,188	877	836	42	10.2
Men .....	6,460	5,817	90.0	5,027	4,359	668	790	755	35	13.6
Women .....	6,088	4,707	77.3	4,223	3,236	987	484	437	47	10.3
Less than a high school diploma .....	3,202	2,240	69.9	1,779	1,403	376	461	417	44	20.6
High school graduates, no college .....	5,345	4,561	85.3	4,021	3,281	740	540	514	26	11.8
Less than a bachelor's degree .....	2,641	2,400	90.9	2,180	1,781	399	221	210	11	9.2
College graduates .....	1,361	1,323	97.2	1,271	1,130	141	52	52	-	3.9
Black										
Total, 16 to 24 years .....	2,461	1,812	73.6	1,339	1,121	218	473	446	28	26.1
16 to 19 years .....	555	341	61.4	228	161	67	114	102	11	33.3
20 to 24 years .....	1,906	1,471	77.2	1,111	960	151	360	343	17	24.5
Men .....	1,182	928	78.5	661	558	103	267	256	11	28.8
Women .....	1,279	884	69.1	677	563	115	206	189	17	23.4
Less than a high school diploma .....	734	425	57.9	242	178	64	183	171	11	43.0
High school graduates, no college .....	1,159	889	76.7	680	576	104	209	198	11	23.5
Less than a bachelor's degree .....	492	426	86.6	345	303	42	80	75	6	18.9
College graduates .....	76	72	94.4	71	64	7	1	1	-	(1)
Hispanic origin										
Total, 16 to 24 years .....	3,002	2,314	77.1	2,014	1,699	316	300	279	20	13.0
16 to 19 years .....	761	556	73.0	456	349	107	100	93	7	18.0
20 to 24 years .....	2,240	1,758	78.5	1,559	1,350	209	199	187	13	11.3
Men .....	1,549	1,402	90.5	1,204	1,082	122	198	182	16	14.1
Women .....	1,453	912	62.8	810	616	194	102	97	5	11.2
Less than a high school diploma .....	1,443	1,016	70.4	829	714	115	187	169	18	18.4
High school graduates, no college .....	1,096	882	80.4	801	656	145	81	78	3	9.2
Less than a bachelor's degree .....	408	368	90.1	337	289	49	30	30	-	8.3
College graduates .....	54	48	(1)	47	40	7	2	2	-	(1)

<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.

**HOUSEHOLD DATA**  
**NOT SEASONALLY ADJUSTED**

**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	
	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
<b>TOTAL</b>												
Civilian noninstitutional population ...	176,385	177,954	84,064	84,831	92,321	93,123	147,698	148,727	20,245	20,560	17,677	18,289
Civilian labor force .....	119,570	120,113	63,827	64,286	55,743	55,827	99,717	100,015	13,920	13,987	12,485	12,682
Percent of population .....	67.8	67.5	75.9	75.8	60.4	59.9	67.5	67.2	68.8	68.0	70.6	69.3
Employed .....	115,390	114,290	61,485	60,963	53,905	53,327	96,613	95,653	13,029	12,873	11,793	11,833
Employment-population ratio .....	65.4	64.2	73.1	71.9	58.4	57.3	65.4	64.3	64.4	62.6	66.7	64.7
Unemployed .....	4,181	5,823	2,343	3,323	1,838	2,500	3,104	4,362	891	1,114	692	848
Unemployment rate .....	3.5	4.8	3.7	5.2	3.3	4.5	3.1	4.4	6.4	8.0	5.5	6.7
<b>Less than a high school diploma</b>												
Civilian noninstitutional population ...	27,564	27,858	13,042	13,422	14,522	14,436	22,069	22,194	4,245	4,350	7,610	7,767
Civilian labor force .....	12,008	12,114	7,112	7,433	4,897	4,681	9,707	9,690	1,736	1,816	4,548	4,537
Percent of population .....	43.6	43.5	54.5	55.4	33.7	32.4	44.0	43.7	40.9	41.8	59.8	58.4
Employed .....	11,053	10,971	6,571	6,752	4,482	4,219	9,008	8,879	1,501	1,567	4,133	4,173
Employment-population ratio .....	40.1	39.4	50.4	50.3	30.9	29.2	40.8	40.0	35.4	36.0	54.3	53.7
Unemployed .....	955	1,143	541	681	415	462	698	811	235	249	414	364
Unemployment rate .....	8.0	9.4	7.6	9.2	8.5	9.9	7.2	8.4	13.5	13.7	9.1	8.0
<b>High school graduates, no college</b>												
Civilian noninstitutional population ...	57,660	57,327	26,652	26,311	31,008	31,016	48,325	48,036	7,339	7,132	4,862	5,195
Civilian labor force .....	37,554	36,963	19,985	19,617	17,569	17,347	31,016	30,551	5,160	4,926	3,669	3,815
Percent of population .....	65.1	64.5	75.0	74.6	56.7	55.9	64.2	63.6	70.3	69.1	75.5	73.4
Employed .....	35,996	34,795	19,076	18,367	16,921	16,427	29,921	28,947	4,763	4,442	3,532	3,538
Employment-population ratio .....	62.4	60.7	71.6	69.8	54.6	53.0	61.9	60.3	64.9	62.3	72.6	68.1
Unemployed .....	1,557	2,169	909	1,249	648	920	1,094	1,604	397	484	138	277
Unemployment rate .....	4.1	5.9	4.5	6.4	3.7	5.3	3.5	5.2	7.7	9.8	3.8	7.3
<b>Less than a bachelor's degree<sup>1</sup></b>												
Civilian noninstitutional population ...	45,182	45,094	20,718	20,743	24,465	24,351	38,030	37,747	5,391	5,520	3,182	3,232
Civilian labor force .....	33,386	33,147	16,745	16,748	16,641	16,398	27,782	27,530	4,275	4,281	2,599	2,601
Percent of population .....	73.9	73.5	80.8	80.7	68.0	67.3	73.1	72.9	79.3	77.6	81.7	80.5
Employed .....	32,424	31,655	16,224	15,932	16,201	15,723	27,039	26,394	4,097	4,019	2,517	2,452
Employment-population ratio .....	71.8	70.2	78.3	76.8	66.2	64.6	71.1	69.9	76.0	72.8	79.1	75.9
Unemployed .....	961	1,492	521	816	441	676	742	1,136	178	262	81	149
Unemployment rate .....	2.9	4.5	3.1	4.9	2.6	4.1	2.7	4.1	4.2	6.1	3.1	5.7
<b>Some college, no degree</b>												
Civilian noninstitutional population ...	30,832	30,295	14,561	14,301	16,271	15,995	25,925	25,166	3,816	3,952	2,365	2,259
Civilian labor force .....	22,215	21,674	11,492	11,266	10,723	10,408	18,408	17,730	2,990	3,072	1,936	1,817
Percent of population .....	72.1	71.5	78.9	78.8	65.9	65.1	71.0	70.4	78.4	77.7	81.9	80.5
Employed .....	21,517	20,574	11,100	10,668	10,417	9,906	17,866	16,897	2,860	2,880	1,871	1,690
Employment-population ratio .....	69.8	67.9	76.2	74.6	64.0	61.9	68.9	67.1	75.0	72.9	79.1	74.8
Unemployed .....	699	1,100	392	598	307	502	542	832	130	191	65	128
Unemployment rate .....	3.1	5.1	3.4	5.3	2.9	4.8	2.9	4.7	4.3	6.2	3.4	7.0
<b>Associate degree</b>												
Civilian noninstitutional population ...	14,350	14,799	6,156	6,443	8,194	8,356	12,105	12,581	1,575	1,568	817	973
Civilian labor force .....	11,171	11,473	5,252	5,483	5,918	5,990	9,374	9,800	1,285	1,209	662	784
Percent of population .....	77.8	77.5	85.3	85.1	72.2	71.7	77.4	77.9	81.6	77.1	81.0	80.6
Employed .....	10,908	11,081	5,124	5,264	5,784	5,817	9,173	9,497	1,237	1,139	646	762
Employment-population ratio .....	76.0	74.9	83.2	81.7	70.6	69.6	75.8	75.5	78.5	72.6	79.0	78.3
Unemployed .....	263	392	129	219	134	173	201	304	49	70	16	22
Unemployment rate .....	2.4	3.4	2.5	4.0	2.3	2.9	2.1	3.1	3.8	5.8	2.5	2.8
<b>College graduates</b>												
Civilian noninstitutional population ...	45,979	47,675	23,652	24,354	22,326	23,321	39,275	40,750	3,270	3,558	2,023	2,096
Civilian labor force .....	36,622	37,889	19,986	20,488	16,636	17,401	31,213	32,245	2,748	2,964	1,669	1,728
Percent of population .....	79.7	79.5	84.5	84.1	74.5	74.6	79.5	79.1	84.0	83.3	82.5	82.4
Employed .....	35,916	36,870	19,614	19,912	16,302	16,958	30,644	31,434	2,668	2,845	1,611	1,670
Employment-population ratio .....	78.1	77.3	82.9	81.8	73.0	72.7	78.0	77.1	81.6	80.0	79.6	79.7
Unemployed .....	706	1,019	372	576	334	443	569	811	80	119	58	58
Unemployment rate .....	1.9	2.7	1.9	2.8	2.0	2.5	1.8	2.5	2.9	4.0	3.5	3.4

<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.



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

(In thousands)

Age, sex, and race	March 2002									
	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 .....	109,333	96,987	8,942	3,404	24,100	2,635	19,983	1,482	7,296	1,363
16 to 19 years .....	1,752	1,460	242	50	4,471	238	4,027	206	625	629
16 to 17 years .....	207	169	36	2	1,998	35	1,874	88	114	414
18 to 19 years .....	1,545	1,291	207	48	2,473	203	2,153	118	511	216
20 years and over .....	107,581	95,527	8,699	3,354	19,629	2,397	15,956	1,276	6,671	733
20 to 24 years .....	8,989	7,942	791	256	3,930	462	3,209	259	1,383	198
25 years and over .....	98,592	87,585	7,908	3,099	15,699	1,935	12,747	1,016	5,288	535
25 to 54 years .....	84,238	75,052	6,625	2,561	11,038	1,674	8,671	693	4,709	345
55 years and over .....	14,353	12,533	1,283	537	4,661	261	4,076	324	579	190
Men, 16 years and over .....	62,782	56,419	4,603	1,760	7,878	1,218	6,204	456	4,371	596
16 to 19 years .....	1,021	832	157	32	2,048	114	1,843	91	381	330
20 years and over .....	61,761	55,587	4,447	1,728	5,829	1,104	4,360	365	3,990	266
20 to 24 years .....	4,901	4,409	382	110	1,726	253	1,359	114	845	88
25 years and over .....	56,860	51,178	4,065	1,618	4,103	850	3,002	251	3,144	178
25 to 54 years .....	48,488	43,813	3,349	1,326	2,217	726	1,362	130	2,775	105
55 years and over .....	8,372	7,364	716	292	1,886	125	1,640	121	370	74
Women, 16 years and over .....	46,550	40,568	4,338	1,644	16,222	1,417	13,779	1,026	2,926	766
16 to 19 years .....	731	628	86	18	2,423	124	2,184	115	244	299
20 years and over .....	45,819	39,941	4,253	1,626	13,799	1,293	11,595	911	2,682	467
20 to 24 years .....	4,088	3,533	409	145	2,204	209	1,850	145	538	111
25 years and over .....	41,731	36,407	3,843	1,481	11,596	1,085	9,745	766	2,144	357
25 to 54 years .....	35,750	31,239	3,277	1,235	8,821	948	7,309	563	1,934	240
55 years and over .....	5,981	5,168	567	246	2,775	136	2,436	203	209	116
<b>White</b>										
Men, 16 years and over .....	53,392	47,918	3,989	1,485	6,688	941	5,348	399	3,279	456
16 to 19 years .....	878	708	138	32	1,755	93	1,586	76	274	245
20 years and over .....	52,514	47,210	3,851	1,453	4,933	848	3,762	323	3,005	211
20 to 24 years .....	4,186	3,756	338	93	1,471	197	1,176	97	586	67
25 years and over .....	48,328	43,454	3,513	1,360	3,461	650	2,586	225	2,419	144
25 to 54 years .....	40,929	36,954	2,865	1,111	1,780	552	1,112	115	2,107	82
55 years and over .....	7,399	6,500	649	250	1,682	98	1,473	110	312	62
Women, 16 years and over .....	37,505	32,665	3,514	1,325	14,356	1,138	12,313	905	1,998	617
16 to 19 years .....	607	523	71	13	2,148	97	1,948	104	175	225
20 years and over .....	36,898	32,142	3,443	1,312	12,208	1,041	10,365	801	1,823	392
20 to 24 years .....	3,332	2,876	349	107	1,910	181	1,603	125	333	84
25 years and over .....	33,566	29,267	3,094	1,205	10,298	860	8,762	676	1,490	308
25 to 54 years .....	28,504	24,888	2,617	998	7,773	751	6,535	486	1,323	212
55 years and over .....	5,062	4,378	477	207	2,525	109	2,227	190	166	97
<b>Black</b>										
Men, 16 years and over .....	6,283	5,675	436	172	765	197	543	26	843	108
16 to 19 years .....	107	96	12	—	182	18	158	6	94	67
20 years and over .....	6,176	5,579	424	172	583	179	385	20	749	41
20 to 24 years .....	515	472	36	7	150	47	98	5	212	15
25 years and over .....	5,661	5,107	388	165	434	132	287	15	536	26
25 to 54 years .....	5,017	4,533	338	146	304	119	178	8	504	17
55 years and over .....	644	574	50	20	130	13	109	7	33	9
Women, 16 years and over .....	6,567	5,669	653	245	1,280	203	994	83	749	122
16 to 19 years .....	86	72	12	2	190	27	154	10	61	64
20 years and over .....	6,481	5,597	641	243	1,090	176	840	74	688	58
20 to 24 years .....	598	506	56	36	193	21	163	9	175	20
25 years and over .....	5,883	5,091	585	206	896	155	676	65	513	39
25 to 54 years .....	5,210	4,516	516	179	710	142	512	55	484	20
55 years and over .....	672	575	70	28	186	13	164	9	29	19

<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.

**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	
	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
Total .....	135,298	133,433	71,607	70,660	68,171	67,591	63,691	62,773	60,447	59,619
Managerial and professional specialty .....	42,029	42,047	21,053	20,987	20,880	20,850	20,976	21,059	20,779	20,864
Executive, administrative, and managerial .....	20,395	20,481	11,052	11,234	11,008	11,192	9,343	9,247	9,275	9,192
Officials and administrators, public administration .....	864	834	429	402	429	402	434	432	434	432
Other executive, administrative, and managerial .....	14,401	14,576	8,534	8,617	8,495	8,593	5,867	5,959	5,816	5,911
Management-related occupations .....	5,130	5,070	2,089	2,214	2,083	2,197	3,041	2,857	3,025	2,849
Professional specialty .....	21,634	21,566	10,001	9,754	9,873	9,658	11,634	11,812	11,504	11,673
Engineers .....	2,102	2,102	1,850	1,868	1,846	1,868	252	234	251	234
Mathematical and computer scientists .....	2,072	2,017	1,409	1,322	1,392	1,318	663	695	663	690
Natural scientists .....	578	476	401	304	401	304	177	172	177	172
Health diagnosing occupations .....	1,057	1,103	777	801	777	801	281	302	281	302
Health assessment and treating occupations .....	3,037	3,181	414	428	414	428	2,623	2,753	2,619	2,753
Teachers, college and university .....	1,044	1,079	554	611	546	606	491	468	481	459
Teachers, except college and university .....	5,656	5,768	1,462	1,486	1,435	1,457	4,194	4,282	4,123	4,213
Lawyers and judges .....	884	859	636	630	636	630	248	229	248	229
Other professional specialty occupations .....	5,204	4,981	2,500	2,303	2,427	2,246	2,704	2,678	2,661	2,620
Technical, sales, and administrative support .....	39,551	38,298	14,237	13,840	13,272	13,079	25,315	24,458	23,560	22,881
Technicians and related support .....	4,524	4,406	2,148	1,957	2,122	1,921	2,376	2,449	2,363	2,426
Health technologists and technicians .....	1,858	1,868	368	345	364	342	1,491	1,523	1,486	1,513
Engineering and science technicians .....	1,267	1,184	937	874	925	853	330	310	325	306
Technicians, except health, engineering, and science .....	1,399	1,354	843	738	833	726	555	616	552	608
Sales occupations .....	16,151	15,790	8,195	8,067	7,531	7,569	7,955	7,723	6,869	6,758
Supervisors and proprietors .....	4,866	4,661	2,819	2,794	2,782	2,773	2,047	1,867	2,012	1,826
Sales representatives, finance and business services .....	3,041	2,930	1,711	1,620	1,687	1,598	1,331	1,310	1,299	1,273
Sales representatives, commodities, except retail .....	1,556	1,582	1,148	1,168	1,143	1,165	409	414	393	412
Sales workers, retail and personal services .....	6,597	6,532	2,493	2,459	1,897	2,007	4,104	4,073	3,102	3,197
Sales-related occupations .....	90	85	25	26	22	26	65	59	62	50
Administrative support, including clerical .....	18,876	18,102	3,894	3,817	3,618	3,588	14,983	14,285	14,329	13,697
Supervisors .....	790	698	270	286	270	286	520	412	514	407
Computer equipment operators .....	328	368	132	175	129	165	196	194	187	184
Secretaries, stenographers, and typists .....	3,189	2,961	66	86	55	81	3,123	2,875	3,036	2,805
Financial records processing .....	2,126	2,169	191	176	185	167	1,935	1,993	1,904	1,954
Mail and message distributing .....	975	853	572	534	566	517	402	319	390	312
Other administrative support, including clerical .....	11,469	11,053	2,662	2,561	2,413	2,373	8,807	8,492	8,296	8,036
Service occupations .....	18,325	18,797	7,122	7,430	6,145	6,479	11,203	11,367	10,148	10,211
Private household .....	829	657	48	25	44	18	781	632	696	568
Protective service .....	2,389	2,613	1,903	2,063	1,870	2,019	486	550	474	517
Service, except private household and protective .....	15,107	15,527	5,171	5,342	4,231	4,442	9,936	10,185	8,979	9,126
Food service .....	6,355	6,445	2,697	2,833	1,952	2,101	3,658	3,612	2,994	2,877
Health service .....	2,590	2,856	248	305	224	284	2,341	2,551	2,252	2,443
Cleaning and building service .....	2,943	3,070	1,585	1,657	1,488	1,594	1,358	1,413	1,314	1,355
Personal service .....	3,220	3,156	641	548	567	462	2,579	2,608	2,418	2,451
Precision production, craft, and repair .....	14,776	14,225	13,522	13,004	13,240	12,705	1,254	1,221	1,227	1,210
Mechanics and repairers .....	4,885	4,690	4,686	4,469	4,593	4,373	199	221	189	221
Construction trades .....	5,934	5,942	5,780	5,786	5,670	5,640	153	156	151	156
Other precision production, craft, and repair .....	3,958	3,593	3,055	2,748	2,978	2,692	902	844	887	834
Operators, fabricators, and laborers .....	17,637	17,130	13,359	13,159	12,447	12,366	4,278	3,970	4,108	3,800
Machine operators, assemblers, and inspectors .....	6,937	6,512	4,298	4,157	4,173	4,026	2,639	2,355	2,571	2,287
Transportation and material moving occupations .....	5,639	5,691	5,007	5,102	4,892	4,979	632	589	622	582
Motor vehicle operators .....	4,312	4,492	3,754	3,974	3,654	3,873	558	517	548	510
Other transportation and material moving occupations .....	1,328	1,199	1,254	1,127	1,238	1,106	74	72	74	72
Handlers, equipment cleaners, helpers, and laborers .....	5,060	4,926	4,053	3,900	3,382	3,361	1,007	1,026	915	930
Construction laborers .....	879	957	830	920	779	869	49	37	46	34
Other handlers, equipment cleaners, helpers, and laborers .....	4,182	3,970	3,223	2,980	2,603	2,493	958	990	870	897
Farming, forestry, and fishing .....	2,979	2,937	2,314	2,240	2,186	2,112	665	697	624	653
Farm operators and managers .....	1,138	1,176	842	851	837	847	296	325	293	321
Other farming, forestry, and fishing occupations .....	1,841	1,761	1,472	1,389	1,349	1,264	369	372	331	332

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	135,298	133,433	71,607	70,660	63,691	62,773
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	31.1	31.5	29.4	29.7	32.9	33.5
Executive, administrative, and managerial .....	15.1	15.3	15.4	15.9	14.7	14.7
Professional specialty .....	16.0	16.2	14.0	13.8	18.3	18.8
Technical, sales, and administrative support .....	29.2	28.7	19.9	19.6	39.7	39.0
Technicians and related support .....	3.3	3.3	3.0	2.8	3.7	3.9
Sales occupations .....	11.9	11.8	11.4	11.4	12.5	12.3
Administrative support, including clerical .....	14.0	13.6	5.4	5.4	23.5	22.8
Service occupations .....	13.5	14.1	9.9	10.5	17.6	18.1
Private household .....	.6	.5	.1	( <sup>1</sup> )	1.2	1.0
Protective service .....	1.8	2.0	2.7	2.9	.8	.9
Service, except private household and protective .....	11.2	11.6	7.2	7.6	15.6	16.2
Precision production, craft, and repair .....	10.9	10.7	18.9	18.4	2.0	1.9
Operators, fabricators, and laborers .....	13.0	12.8	18.7	18.6	6.7	6.3
Machine operators, assemblers, and inspectors .....	5.1	4.9	6.0	5.9	4.1	3.8
Transportation and material moving occupations .....	4.2	4.3	7.0	7.2	1.0	.9
Handlers, equipment cleaners, helpers, and laborers .....	3.7	3.7	5.7	5.5	1.6	1.6
Farming, forestry, and fishing .....	2.2	2.2	3.2	3.2	1.0	1.1
<b>White</b>						
Total, 16 years and over (thousands) .....	113,445	111,941	61,047	60,080	52,399	51,861
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	31.9	32.5	30.2	30.6	34.0	34.6
Executive, administrative, and managerial .....	15.7	16.1	16.2	16.8	15.1	15.3
Professional specialty .....	16.3	16.4	14.0	13.8	18.9	19.3
Technical, sales, and administrative support .....	29.4	28.9	20.0	19.5	40.3	39.8
Technicians and related support .....	3.3	3.3	2.9	2.7	3.6	4.0
Sales occupations .....	12.4	12.3	12.0	11.9	12.9	12.8
Administrative support, including clerical .....	13.7	13.3	5.1	4.9	23.8	23.0
Service occupations .....	12.3	12.8	8.9	9.6	16.4	16.6
Private household .....	.6	.5	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.0
Protective service .....	1.6	1.7	2.5	2.7	.6	.7
Service, except private household and protective .....	10.2	10.6	6.4	6.9	14.6	15.0
Precision production, craft, and repair .....	11.5	11.2	19.8	19.3	1.9	2.0
Operators, fabricators, and laborers .....	12.4	12.1	17.6	17.6	6.3	5.7
Machine operators, assemblers, and inspectors .....	4.9	4.6	5.8	5.7	3.7	3.3
Transportation and material moving occupations .....	4.0	4.0	6.5	6.7	1.0	.9
Handlers, equipment cleaners, helpers, and laborers .....	3.6	3.5	5.3	5.2	1.6	1.6
Farming, forestry, and fishing .....	2.4	2.4	3.5	3.4	1.2	1.3
<b>Black</b>						
Total, 16 years and over (thousands) .....	15,264	14,895	7,044	7,048	8,220	7,847
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	22.5	22.7	18.7	18.6	25.7	26.4
Executive, administrative, and managerial .....	10.6	10.1	9.7	9.0	11.4	11.0
Professional specialty .....	11.8	12.7	9.0	9.6	14.2	15.4
Technical, sales, and administrative support .....	28.8	27.6	18.3	18.8	37.7	35.5
Technicians and related support .....	3.5	2.7	2.8	1.9	4.1	3.3
Sales occupations .....	8.8	8.9	7.6	8.4	9.8	9.3
Administrative support, including clerical .....	16.5	16.0	7.9	8.5	23.8	22.8
Service occupations .....	21.6	22.7	17.7	17.7	24.9	27.2
Private household .....	.9	.6	.1	.1	1.6	1.1
Protective service .....	3.2	4.0	5.0	5.9	1.7	2.4
Service, except private household and protective .....	17.5	18.0	12.6	11.7	21.7	23.7
Precision production, craft, and repair .....	7.9	7.5	14.5	14.3	2.2	1.4
Operators, fabricators, and laborers .....	18.3	18.5	28.8	28.7	9.2	9.3
Machine operators, assemblers, and inspectors .....	6.5	6.8	7.2	7.9	6.0	5.9
Transportation and material moving occupations .....	6.3	6.9	12.0	12.8	1.5	1.5
Handlers, equipment cleaners, helpers, and laborers .....	5.4	4.8	9.7	8.0	1.8	1.9
Farming, forestry, and fishing .....	1.0	1.0	1.9	1.9	.3	.2

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	March 2002												
	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 .....	2,882	78	71	50	22	123	—	13	42	17	53	16	2,396
Mining .....	530	91	54	10	11	45	—	—	188	23	85	22	—
Construction .....	8,942	1,264	169	33	70	413	—	41	5,301	91	494	1,029	37
Manufacturing .....	18,194	2,926	1,814	557	761	1,568	—	240	3,430	5,238	656	938	65
Durable goods .....	10,983	1,714	1,172	364	345	833	—	125	2,406	3,120	366	478	59
Nondurable goods .....	7,211	1,212	642	192	416	735	—	115	1,024	2,119	290	460	6
Transportation and public utilities .....	9,644	1,359	588	343	306	2,199	—	296	1,380	111	2,539	514	10
Wholesale and retail trade .....	27,128	2,651	646	229	11,066	2,164	—	5,521	1,393	302	1,172	1,882	101
Wholesale trade .....	4,926	606	134	41	2,010	753	—	72	287	97	496	362	67
Retail trade .....	22,201	2,045	512	188	9,056	1,410	—	5,450	1,105	205	676	1,520	34
Finance, insurance, and real estate .....	8,950	2,812	326	181	2,307	2,740	—	300	205	18	14	23	25
Services .....	51,162	7,803	16,939	2,807	1,230	7,560	657	9,997	2,092	696	624	479	279
Private households .....	738	7	5	1	—	11	657	46	—	—	—	7	4
Other service industries .....	50,423	7,796	16,934	2,807	1,230	7,549	—	9,951	2,091	696	624	472	275
Professional services .....	34,950	4,799	14,634	2,330	258	5,704	—	6,087	477	134	361	110	55
Public administration .....	6,001	1,496	959	196	17	1,290	—	1,732	195	17	53	24	24

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

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

(In thousands)

Age and sex	March 2002									
	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 .....	1,650	1,205	27	122,331	102,825	729	102,096	19,506	8,118	102
16 to 19 years .....	156	7	7	6,005	5,680	74	5,606	325	46	3
16 to 17 years .....	71	6	5	2,101	2,013	43	1,970	88	19	2
18 to 19 years .....	85	-	2	3,904	3,667	31	3,636	237	27	1
20 to 24 years .....	237	14	2	12,443	11,278	82	11,196	1,165	218	4
25 to 34 years .....	345	136	6	27,178	23,727	119	23,608	3,451	1,347	8
35 to 44 years .....	452	255	5	32,527	27,179	165	27,014	5,347	2,289	27
45 to 54 years .....	242	309	3	27,754	21,690	159	21,531	6,064	2,355	39
55 to 64 years .....	162	245	4	13,088	10,476	78	10,398	2,612	1,354	6
65 years and over .....	55	238	-	3,336	2,795	51	2,744	542	509	15
Men, 16 years and over .....	1,187	852	13	63,689	55,394	41	55,352	8,296	4,893	26
16 to 19 years .....	118	7	2	2,917	2,786	9	2,777	131	25	1
16 to 17 years .....	55	6	2	956	909	6	903	47	9	-
18 to 19 years .....	62	-	-	1,961	1,877	3	1,874	84	16	1
20 to 24 years .....	157	14	2	6,308	5,804	4	5,800	504	143	3
25 to 34 years .....	252	109	4	14,442	12,993	7	12,985	1,449	740	3
35 to 44 years .....	355	174	2	17,204	14,913	1	14,912	2,291	1,337	3
45 to 54 years .....	142	202	3	14,248	11,666	17	11,649	2,582	1,478	7
55 to 64 years .....	122	182	-	6,715	5,633	3	5,630	1,082	831	4
65 years and over .....	40	164	-	1,856	1,600	1	1,599	256	338	5
Women, 16 years and over .....	463	353	14	58,642	47,432	687	46,744	11,210	3,225	76
16 to 19 years .....	38	-	5	3,088	2,894	65	2,829	194	21	2
16 to 17 years .....	16	-	3	1,145	1,104	37	1,067	41	9	2
18 to 19 years .....	22	-	2	1,943	1,790	28	1,762	154	11	-
20 to 24 years .....	81	-	-	6,135	5,474	78	5,396	661	75	1
25 to 34 years .....	93	26	2	12,736	10,734	112	10,623	2,002	607	5
35 to 44 years .....	97	82	3	15,323	12,266	164	12,102	3,057	952	23
45 to 54 years .....	100	107	-	13,506	10,024	142	9,882	3,482	877	33
55 to 64 years .....	40	63	4	6,373	4,844	75	4,768	1,529	523	2
65 years and over .....	15	74	-	1,481	1,195	51	1,144	285	171	10

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Hours of work	March 2002					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	128,547	2,718	125,829	100.0	100.0	100.0
1 to 34 hours .....	30,678	783	29,895	23.9	28.8	23.8
1 to 4 hours .....	1,425	69	1,356	1.1	2.5	1.1
5 to 14 hours .....	5,287	202	5,085	4.1	7.4	4.0
15 to 29 hours .....	14,996	343	14,653	11.7	12.6	11.6
30 to 34 hours .....	8,969	169	8,800	7.0	6.2	7.0
35 hours and over .....	97,869	1,935	95,934	76.1	71.2	76.2
35 to 39 hours .....	8,668	135	8,532	6.7	5.0	6.8
40 hours .....	51,983	891	51,092	40.4	32.8	40.6
41 hours and over .....	37,218	909	36,310	29.0	33.4	28.9
41 to 48 hours .....	13,474	189	13,285	10.5	7.0	10.6
49 to 59 hours .....	13,790	320	13,470	10.7	11.8	10.7
60 hours and over .....	9,954	400	9,555	7.7	14.7	7.6
Average hours, total at work .....	39.1	39.7	39.1	—	—	—
Average hours, persons who usually work full time .....	43.0	45.5	43.0	—	—	—

**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	March 2002					
	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 .....	30,678	8,942	21,736	29,895	8,688	21,206
Economic reasons .....	4,129	1,664	2,465	3,982	1,572	2,410
Slack work or business conditions .....	2,810	1,452	1,358	2,714	1,392	1,322
Could only find part-time work .....	1,068	—	1,068	1,052	—	1,052
Seasonal work .....	154	116	38	120	85	35
Job started or ended during week .....	97	97	—	96	96	—
Noneconomic reasons .....	26,549	7,277	19,271	25,912	7,116	18,796
Child-care problems .....	686	75	611	673	75	598
Other family or personal obligations .....	6,296	886	5,410	6,164	879	5,285
Health or medical limitations .....	711	—	711	682	—	682
In school or training .....	6,683	87	6,596	6,570	87	6,483
Retired or Social Security limit on earnings .....	1,798	—	1,798	1,697	—	1,697
Vacation or personal day .....	2,983	2,983	—	2,937	2,937	—
Holiday, legal or religious .....	87	87	—	87	87	—
Weather-related curtailment .....	376	376	—	325	325	—
All other reasons .....	6,929	2,783	4,147	6,778	2,727	4,051
Average hours:						
Economic reasons .....	23.0	23.9	22.4	23.0	24.0	22.4
Other reasons .....	20.9	24.5	19.6	21.0	24.6	19.7

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	March 2002							
	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 .....	125,829	29,895	3,982	7,116	18,796	95,934	39.1	43.0
Wage and salary workers .....	118,111	27,324	3,526	6,641	17,156	90,787	39.1	42.8
Mining .....	491	23	8	10	5	468	47.4	47.8
Construction .....	7,283	1,398	483	488	427	5,884	39.8	41.6
Manufacturing .....	17,377	2,024	433	943	648	15,353	42.0	43.0
Durable goods .....	10,492	1,122	257	560	305	9,370	42.3	43.1
Nondurable goods .....	6,885	902	176	383	343	5,983	41.6	42.9
Transportation and public utilities .....	8,855	1,213	160	526	527	7,642	42.2	43.8
Wholesale and retail trade .....	24,973	8,278	1,119	1,130	6,029	16,696	36.8	43.0
Finance, insurance, and real estate .....	8,018	1,429	86	502	842	6,589	40.3	42.8
Service industries .....	45,293	12,146	1,191	2,556	8,399	33,148	38.0	42.6
Private households .....	697	379	43	24	312	318	28.3	41.1
All other industries .....	44,597	11,767	1,149	2,531	8,087	32,830	38.1	42.7
Public administration .....	5,821	814	46	487	280	5,007	41.0	42.2
Self-employed workers .....	7,616	2,510	449	471	1,591	5,106	39.2	45.8
Unpaid family workers .....	102	60	7	5	49	41	33.9	( <sup>1</sup> )

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**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	March 2002							
	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 .....	125,829	29,895	3,982	7,116	18,796	95,934	39.1	43.0
16 to 19 years .....	5,805	4,327	296	158	3,873	1,478	23.3	39.0
16 to 17 years .....	2,038	1,875	40	26	1,809	164	17.0	36.9
18 to 19 years .....	3,767	2,453	256	132	2,064	1,314	26.8	39.2
20 years and over .....	120,024	25,567	3,686	6,958	14,923	94,457	39.9	43.0
20 to 24 years .....	12,159	4,279	612	600	3,066	7,880	35.3	41.3
25 years and over .....	107,865	21,289	3,074	6,358	11,856	86,577	40.4	43.2
25 to 54 years .....	90,373	16,132	2,609	5,391	8,132	74,241	40.9	43.3
55 years and over .....	17,493	5,157	466	967	3,724	12,336	37.4	42.7
Men, 16 years and over .....	66,482	11,242	2,059	3,443	5,740	55,239	41.8	44.3
16 to 19 years .....	2,827	1,991	155	95	1,740	836	24.8	39.0
16 to 17 years .....	926	817	19	19	779	110	18.4	36.7
18 to 19 years .....	1,901	1,174	137	76	961	727	28.0	39.3
20 years and over .....	63,654	9,251	1,904	3,348	4,000	54,403	42.5	44.4
20 to 24 years .....	6,238	1,888	337	269	1,282	4,350	37.2	42.4
25 years and over .....	57,416	7,364	1,567	3,078	2,718	50,053	43.1	44.5
25 to 54 years .....	48,055	5,136	1,315	2,566	1,255	42,918	43.7	44.6
55 years and over .....	9,361	2,227	252	512	1,463	7,134	39.8	44.0
Women, 16 years and over .....	59,347	18,653	1,923	3,673	13,056	40,695	36.1	41.3
16 to 19 years .....	2,978	2,337	140	63	2,134	641	21.9	39.0
16 to 17 years .....	1,112	1,058	21	6	1,030	54	15.8	( <sup>1</sup> )
18 to 19 years .....	1,866	1,279	119	56	1,103	587	25.6	39.1
20 years and over .....	56,370	16,316	1,783	3,610	10,923	40,054	36.9	41.3
20 to 24 years .....	5,921	2,391	275	331	1,784	3,530	33.3	40.1
25 years and over .....	50,449	13,925	1,507	3,280	9,138	36,524	37.3	41.4
25 to 54 years .....	42,318	10,995	1,293	2,825	6,877	31,323	37.8	41.5
55 years and over .....	8,131	2,930	214	455	2,261	5,201	34.7	41.0
<b>Race</b>								
White, 16 years and over .....	105,285	25,716	3,222	5,931	16,563	79,569	39.1	43.2
Men .....	56,379	9,573	1,700	2,947	4,927	46,806	41.9	44.5
Women .....	48,906	16,143	1,523	2,984	11,636	32,763	35.8	41.4
Black, 16 years and over .....	14,267	2,934	554	903	1,477	11,333	38.9	41.5
Men .....	6,766	1,124	259	350	515	5,642	40.5	42.7
Women .....	7,501	1,810	295	553	962	5,691	37.5	40.4
<b>Marital status</b>								
Men, 16 years and over:								
Married, spouse present .....	40,567	4,856	930	2,163	1,763	35,710	43.5	44.8
Widowed, divorced, or separated .....	7,928	1,133	269	426	437	6,795	42.7	44.4
Single (never married) .....	17,987	5,253	860	853	3,540	12,734	37.3	42.6
Women, 16 years and over:								
Married, spouse present .....	31,683	9,782	802	1,891	7,089	21,901	36.2	41.2
Widowed, divorced, or separated .....	12,043	2,949	450	898	1,601	9,094	38.4	41.5
Single (never married) .....	15,621	5,921	671	885	4,366	9,700	34.2	41.1

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



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

(Numbers in thousands)

Occupation and sex	March 2002							
	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> .....	125,784	29,912	3,972	7,100	18,840	95,872	39.1	43.0
Managerial and professional specialty .....	40,382	7,143	550	2,471	4,122	33,239	41.7	44.5
Executive, administrative, and managerial .....	19,825	2,690	217	1,153	1,320	17,135	43.6	45.3
Professional specialty .....	20,557	4,453	333	1,318	2,802	16,104	39.9	43.5
Technical, sales, and administrative support .....	36,966	10,304	911	2,145	7,248	26,663	37.4	42.2
Technicians and related support .....	4,272	987	61	297	629	3,286	38.9	42.0
Sales occupations .....	15,276	4,414	511	721	3,182	10,863	38.6	44.3
Administrative support, including clerical .....	17,418	4,903	339	1,127	3,437	12,515	36.1	40.4
Service occupations .....	18,113	7,105	1,056	798	5,252	11,008	34.3	41.8
Private household .....	628	350	40	24	285	278	27.7	40.7
Protective service .....	2,498	431	55	148	227	2,067	42.6	45.2
Service, except private household and protective .....	14,987	6,324	960	625	4,740	8,663	33.2	41.0
Precision production, craft, and repair .....	13,777	2,058	632	855	571	11,719	41.1	42.3
Operators, fabricators, and laborers .....	16,546	3,302	823	832	1,647	13,244	39.9	42.6
Machine operators, assemblers, and inspectors .....	6,327	926	293	296	337	5,401	40.4	41.9
Transportation and material moving occupations .....	5,456	990	203	297	491	4,466	42.3	44.8
Handlers, equipment cleaners, helpers, and laborers .....	4,763	1,386	327	239	819	3,377	36.4	40.7
Men, 16 years and over <sup>1</sup> .....	66,308	11,191	2,053	3,420	5,718	55,116	41.8	44.3
Managerial and professional specialty .....	20,306	2,435	275	1,036	1,124	17,871	44.5	46.2
Executive, administrative, and managerial .....	10,921	1,015	115	494	407	9,906	45.9	47.1
Professional specialty .....	9,385	1,420	161	542	717	7,965	42.8	45.1
Technical, sales, and administrative support .....	13,483	2,496	265	630	1,602	10,986	41.4	44.7
Technicians and related support .....	1,917	294	33	143	118	1,623	41.5	43.1
Sales occupations .....	7,851	1,435	172	299	964	6,416	42.7	46.4
Administrative support, including clerical .....	3,714	767	59	188	520	2,947	38.6	42.1
Service occupations .....	7,189	2,163	374	322	1,467	5,026	37.3	43.2
Private household .....	22	8	—	1	7	14	( <sup>2</sup> )	( <sup>2</sup> )
Protective service .....	1,982	288	34	109	144	1,694	44.0	46.1
Service, except private household and protective .....	5,185	1,867	340	212	1,315	3,319	34.8	41.8
Precision production, craft, and repair .....	12,592	1,807	600	795	413	10,785	41.3	42.3
Operators, fabricators, and laborers .....	12,738	2,290	538	638	1,113	10,448	40.7	43.2
Machine operators, assemblers, and inspectors .....	4,066	466	126	177	164	3,600	41.5	42.6
Transportation and material moving occupations .....	4,903	782	170	272	340	4,120	43.1	45.1
Handlers, equipment cleaners, helpers, and laborers .....	3,770	1,041	243	189	609	2,729	36.9	41.0
Women, 16 years and over <sup>1</sup> .....	59,476	18,720	1,919	3,679	13,122	40,756	36.1	41.3
Managerial and professional specialty .....	20,076	4,708	275	1,434	2,999	15,368	38.9	42.5
Executive, administrative, and managerial .....	8,904	1,675	103	659	913	7,229	40.6	43.0
Professional specialty .....	11,172	3,033	172	776	2,085	8,138	37.5	42.0
Technical, sales, and administrative support .....	23,484	7,807	646	1,515	5,646	15,677	35.2	40.4
Technicians and related support .....	2,355	692	28	153	511	1,663	36.8	40.9
Sales occupations .....	7,425	2,979	339	422	2,218	4,446	34.3	41.5
Administrative support, including clerical .....	13,703	4,136	279	939	2,917	9,567	35.4	39.8
Service occupations .....	10,924	4,943	681	476	3,786	5,982	32.3	40.6
Private household .....	606	342	40	24	278	265	27.6	40.7
Protective service .....	516	143	21	39	83	373	37.1	41.1
Service, except private household and protective .....	9,802	4,458	620	413	3,425	5,344	32.4	40.6
Precision production, craft, and repair .....	1,184	250	32	60	158	934	38.7	41.5
Operators, fabricators, and laborers .....	3,808	1,012	284	194	534	2,796	37.0	40.4
Machine operators, assemblers, and inspectors .....	2,261	459	167	119	173	1,801	38.4	40.4
Transportation and material moving occupations .....	554	208	33	25	150	346	35.7	42.3
Handlers, equipment cleaners, helpers, and laborers .....	993	345	85	51	210	648	34.5	39.5

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

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

**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	
	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
Total, 16 years and over .....	3,659	4,967	4.9	6.6	2,793	3,692	4.2	5.6
Married, spouse present .....	1,260	1,792	2.8	4.0	962	1,310	2.7	3.7
Widowed, divorced, or separated .....	476	678	5.1	7.4	571	874	4.2	6.5
Single (never married) .....	1,924	2,497	8.9	11.5	1,260	1,509	7.1	8.4
White, 16 years and over .....	2,743	3,735	4.3	5.9	1,978	2,615	3.6	4.8
Married, spouse present .....	1,047	1,400	2.7	3.6	778	1,035	2.6	3.4
Widowed, divorced, or separated .....	359	569	4.7	7.6	405	667	3.8	6.3
Single (never married) .....	1,337	1,766	7.7	10.2	796	913	6.0	6.8
Black, 16 years and over .....	749	951	9.6	11.9	686	871	7.7	10.0
Married, spouse present .....	157	259	4.6	7.1	109	183	3.8	6.4
Widowed, divorced, or separated .....	102	97	8.1	8.1	142	169	6.3	7.6
Single (never married) .....	491	594	15.7	18.7	434	518	11.5	14.4
Total, 25 years and over .....	2,343	3,323	3.7	5.2	1,838	2,500	3.3	4.5
Married, spouse present .....	1,167	1,697	2.7	3.9	856	1,186	2.5	3.5
Widowed, divorced, or separated .....	436	670	4.9	7.5	534	789	4.1	6.0
Single (never married) .....	740	956	6.4	8.2	448	525	5.0	5.8
White, 25 years and over .....	1,771	2,563	3.3	4.7	1,333	1,798	2.9	3.9
Married, spouse present .....	955	1,318	2.5	3.5	696	930	2.4	3.2
Widowed, divorced, or separated .....	328	562	4.4	7.6	377	604	3.6	5.8
Single (never married) .....	487	684	5.4	7.6	259	265	4.2	4.2
Black, 25 years and over .....	481	562	7.4	8.4	410	552	5.5	7.5
Married, spouse present .....	155	252	4.6	7.1	94	169	3.4	6.1
Widowed, divorced, or separated .....	98	97	7.9	8.2	137	149	6.2	6.8
Single (never married) .....	228	213	11.8	10.9	179	235	7.3	9.9

A-29. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
Total, 16 years and over <sup>1</sup> .....	6,453	8,659	4.6	6.1	4.9	6.6	4.2	5.6
Managerial and professional specialty .....	807	1,278	1.9	3.0	2.1	3.1	1.7	2.8
Executive, administrative, and managerial .....	429	680	2.1	3.2	2.1	3.2	2.0	3.2
Professional specialty .....	378	599	1.7	2.7	2.0	3.0	1.5	2.5
Technical, sales, and administrative support .....	1,560	2,195	3.8	5.4	3.2	5.1	4.1	5.6
Technicians and related support .....	108	170	2.3	3.7	2.1	4.3	2.5	3.3
Sales occupations .....	722	1,061	4.3	6.3	3.0	5.1	5.6	7.5
Administrative support, including clerical .....	730	964	3.7	5.1	4.3	5.4	3.6	5.0
Service occupations .....	1,099	1,337	5.7	6.6	6.1	7.2	5.4	6.3
Private household .....	59	63	6.7	8.8	( <sup>2</sup> )	( <sup>2</sup> )	6.4	8.7
Protective service .....	69	107	2.8	3.9	2.1	3.2	5.6	6.8
Service, except private household and protective .....	971	1,166	6.0	7.0	7.4	8.7	5.3	6.1
Precision production, craft, and repair .....	634	1,059	4.1	6.9	4.1	6.9	4.2	7.8
Mechanics and repairers .....	136	259	2.7	5.2	2.7	5.3	2.5	4.6
Construction trades .....	386	568	6.1	8.7	6.1	8.5	5.7	15.1
Other precision production, craft, and repair .....	112	232	2.8	6.1	2.3	5.7	4.3	7.1
Operators, fabricators, and laborers .....	1,609	1,889	8.4	9.9	8.5	9.8	7.9	10.3
Machine operators, assemblers, and inspectors .....	569	640	7.6	8.9	7.8	7.8	7.1	11.0
Transportation and material moving occupations .....	339	466	5.7	7.6	5.8	7.8	5.0	5.5
Handlers, equipment cleaners, helpers, and laborers .....	701	783	12.2	13.7	12.4	14.3	11.4	11.5
Construction laborers .....	179	213	16.9	18.2	17.2	18.3	( <sup>2</sup> )	( <sup>2</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	522	570	11.1	12.6	11.0	12.9	11.3	11.4
Farming, forestry, and fishing .....	400	403	11.8	12.1	11.0	12.6	14.6	10.3
No previous work experience .....	336	479	-	-	-	-	-	-
16 to 19 years .....	218	357	-	-	-	-	-	-
20 to 24 years .....	38	59	-	-	-	-	-	-
25 years and over .....	80	64	-	-	-	-	-	-

<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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
Total, 16 years and over .....	6,453	8,659	4.6	6.1	4.9	6.6	4.2	5.6
Nonagricultural private wage and salary workers .....	5,288	7,184	4.8	6.5	5.1	6.9	4.6	6.1
Mining .....	22	35	4.0	6.4	4.0	6.0	4.5	( <sup>1</sup> )
Construction .....	660	953	8.7	11.9	9.0	12.2	6.2	9.5
Manufacturing .....	1,011	1,398	5.0	7.3	4.8	6.7	5.3	8.7
Durable goods .....	589	872	4.8	7.5	4.7	6.9	4.9	9.1
Lumber and wood products .....	46	38	6.8	5.5	7.9	5.8	2.6	2.6
Furniture and fixtures .....	33	57	5.7	8.8	5.9	8.5	5.1	9.3
Stone, clay, and glass products .....	22	40	3.6	7.1	3.9	6.5	2.4	9.2
Primary metal industries .....	38	59	4.6	7.9	3.5	7.6	10.3	9.8
Fabricated metal products .....	65	101	4.7	7.9	4.7	7.6	4.7	8.6
Machinery and computing equipment .....	112	182	4.2	8.5	4.2	7.5	4.4	11.6
Electrical machinery, equipment, and supplies .....	79	150	3.9	8.8	3.6	7.6	4.3	11.2
Transportation equipment .....	96	114	4.7	5.0	5.0	4.8	3.5	5.6
Automobiles .....	62	66	5.3	5.0	5.4	4.9	4.9	5.5
Other transportation equipment .....	34	48	3.9	4.9	4.5	4.7	.9	5.8
Professional and photographic equipment .....	35	53	4.4	7.2	1.3	8.8	9.5	4.6
Other durable goods industries .....	62	79	8.3	9.6	10.7	7.7	4.5	12.2
Nondurable goods .....	422	525	5.3	6.9	5.0	6.2	5.7	8.2
Food and kindred products .....	100	115	5.7	6.7	5.6	4.7	6.1	10.8
Textile mill products .....	33	51	6.1	10.3	4.3	9.7	8.0	11.0
Apparel and other textile products .....	66	58	9.8	9.8	8.7	8.1	10.4	11.0
Paper and allied products .....	35	18	4.9	2.8	4.8	2.2	5.1	4.8
Printing and publishing .....	74	106	4.0	6.0	4.0	6.2	4.0	5.8
Chemicals and allied products .....	56	85	4.5	6.5	5.1	6.6	3.4	6.3
Rubber and miscellaneous plastics products .....	48	59	5.8	7.4	5.9	6.2	5.7	9.9
Other nondurable goods industries .....	9	33	2.7	10.7	2.2	14.1	3.7	2.5
Transportation and public utilities .....	260	452	3.3	5.7	3.7	5.3	2.4	6.5
Transportation .....	181	268	3.8	5.5	4.2	5.7	2.4	4.9
Communications and other public utilities .....	80	184	2.6	5.9	2.7	4.7	2.5	8.1
Wholesale and retail trade .....	1,590	1,991	5.8	7.2	5.1	6.6	6.6	7.9
Wholesale trade .....	221	250	4.2	5.1	3.6	4.0	5.7	7.4
Retail trade .....	1,369	1,740	6.2	7.7	5.6	7.4	6.7	8.0
Finance, insurance, and real estate .....	204	251	2.5	3.0	2.5	2.9	2.4	3.1
Service industries .....	1,540	2,105	4.1	5.5	4.5	6.3	3.9	5.0
Professional services .....	612	777	2.8	3.3	2.5	2.9	2.9	3.5
Other service industries .....	928	1,329	6.0	8.9	6.2	9.2	5.8	8.6
Agricultural wage and salary workers .....	309	332	15.2	16.8	14.7	17.9	16.5	13.8
Government, self-employed, and unpaid family workers .....	519	664	1.7	2.2	2.0	2.6	1.5	1.9
No previous work experience .....	336	479	-	-	-	-	-	-

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

**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	
	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	6,453	8,659	3,080	4,255	2,285	3,149	1,088	1,255	4,721	6,351	1,435	1,821
Job losers and persons who completed temporary jobs .....	3,336	4,766	2,023	2,946	1,117	1,609	196	210	2,507	3,604	682	915
On temporary layoff .....	1,208	1,301	802	910	335	327	71	64	982	1,039	174	205
Not on temporary layoff .....	2,128	3,464	1,221	2,036	782	1,282	125	146	1,525	2,565	508	711
Permanent job losers .....	1,474	2,660	837	1,543	565	1,039	72	78	1,075	1,998	348	508
Persons who completed temporary jobs .....	654	804	384	493	217	243	53	68	450	567	160	202
Job leavers .....	841	907	390	421	362	411	88	75	650	751	151	117
Reentrants .....	1,940	2,508	620	848	734	1,047	586	613	1,344	1,680	523	663
New entrants .....	336	479	46	40	71	82	218	357	220	315	79	126
<b>PERCENT DISTRIBUTION</b>												
Job losers and persons who completed temporary jobs .....	51.7	55.0	65.7	69.2	48.9	51.1	18.0	16.8	53.1	56.7	47.5	50.3
On temporary layoff .....	18.7	15.0	26.1	21.4	14.7	10.4	6.5	5.1	20.8	16.4	12.1	11.2
Not on temporary layoff .....	33.0	40.0	39.6	47.8	34.2	40.7	11.5	11.7	32.3	40.4	35.4	39.0
Job leavers .....	13.0	10.5	12.7	9.9	15.9	13.0	8.1	6.0	13.8	11.8	10.5	6.4
Reentrants .....	30.1	29.0	20.1	19.9	32.1	33.2	53.9	48.8	28.5	26.5	36.4	36.4
New entrants .....	5.2	5.5	1.5	.9	3.1	2.6	20.1	28.4	4.7	5.0	5.5	6.9
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers and persons who completed temporary jobs .....	2.4	3.4	2.8	4.1	1.8	2.6	2.5	2.8	2.1	3.0	4.1	5.5
Job leavers .....	.6	.6	.5	.6	.6	.7	1.1	1.0	.6	.6	.9	.7
Reentrants .....	1.4	1.8	.9	1.2	1.2	1.7	7.5	8.2	1.1	1.4	3.1	4.0
New entrants .....	.2	.3	.1	.1	.1	.1	2.8	4.8	.2	.3	.5	.8

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Reason, sex, and age	March 2002						
	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 .....	8,659	100.0	32.3	32.3	35.4	19.4	16.0
Job losers and persons who completed temporary jobs .....	4,766	100.0	28.9	34.0	37.0	22.2	14.8
On temporary layoff .....	1,301	100.0	36.2	41.3	22.5	15.7	6.8
Not on temporary layoff .....	3,464	100.0	26.2	31.3	42.5	24.6	17.9
Permanent job losers .....	2,660	100.0	23.9	30.7	45.4	26.6	18.8
Persons who completed temporary jobs .....	804	100.0	34.0	33.2	32.7	18.0	14.7
Job leavers .....	907	100.0	40.2	29.3	30.6	16.3	14.2
Reentrants .....	2,508	100.0	34.7	30.8	34.5	16.6	17.9
New entrants .....	479	100.0	38.5	28.3	33.2	12.8	20.4
Men, 20 years and over .....	4,255	100.0	29.5	33.0	37.5	20.5	17.0
Job losers and persons who completed temporary jobs .....	2,946	100.0	28.1	35.0	36.9	21.6	15.3
On temporary layoff .....	910	100.0	32.0	43.8	24.2	16.8	7.4
Not on temporary layoff .....	2,036	100.0	26.4	31.1	42.6	23.7	18.8
Permanent job losers .....	1,543	100.0	23.3	29.6	47.1	26.9	20.2
Persons who completed temporary jobs .....	493	100.0	36.0	35.5	28.4	13.9	14.5
Job leavers .....	421	100.0	32.3	32.6	35.1	17.6	17.5
Reentrants .....	848	100.0	33.6	27.1	39.4	18.5	20.9
New entrants .....	40	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 20 years and over .....	3,149	100.0	31.6	32.2	36.2	19.2	16.9
Job losers and persons who completed temporary jobs .....	1,609	100.0	28.6	32.4	39.0	24.1	14.8
On temporary layoff .....	327	100.0	44.3	36.0	19.7	14.2	5.5
Not on temporary layoff .....	1,282	100.0	24.6	31.5	43.9	26.7	17.2
Permanent job losers .....	1,039	100.0	23.4	32.6	44.0	26.8	17.2
Persons who completed temporary jobs .....	243	100.0	29.7	26.8	43.5	26.3	17.2
Job leavers .....	411	100.0	43.5	28.1	28.4	15.6	12.9
Reentrants .....	1,047	100.0	31.8	33.6	34.6	13.9	20.7
New entrants .....	82	100.0	29.2	30.3	40.5	10.2	30.3
Both sexes, 16 to 19 years .....	1,255	100.0	43.6	30.0	26.4	16.4	10.1
Job losers and persons who completed temporary jobs .....	210	100.0	43.0	32.9	24.1	15.5	8.6
On temporary layoff .....	64	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not on temporary layoff .....	146	100.0	38.3	32.6	29.1	19.0	10.1
Permanent job losers .....	78	100.0	41.0	26.7	32.3	20.3	11.9
Persons who completed temporary jobs .....	68	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Job leavers .....	75	100.0	66.2	17.0	16.9	13.2	3.7
Reentrants .....	613	100.0	41.2	31.1	27.7	18.8	8.9
New entrants .....	357	100.0	43.4	29.0	27.6	13.4	14.2

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

**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	
	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
Total, 16 years and over .....	6,453	8,659	100.0	100.0	5,183	7,296	100.0	100.0
Less than 5 weeks .....	2,447	2,798	37.9	32.3	1,868	2,140	36.0	29.3
5 to 14 weeks .....	2,282	2,794	35.4	32.3	1,840	2,383	35.5	32.7
5 to 10 weeks .....	1,579	1,800	24.5	20.8	1,276	1,524	24.6	20.9
11 to 14 weeks .....	704	994	10.9	11.5	563	859	10.9	11.8
15 weeks and over .....	1,724	3,067	26.7	35.4	1,476	2,774	28.5	38.0
15 to 26 weeks .....	1,002	1,684	15.5	19.4	845	1,525	16.3	20.9
27 weeks and over .....	721	1,383	11.2	16.0	631	1,249	12.2	17.1
27 to 51 weeks .....	304	746	4.7	8.6	263	693	5.1	9.5
52 weeks and over .....	417	637	6.5	7.4	368	555	7.1	7.6
Average (mean) duration, in weeks .....	13.5	16.2	—	—	14.2	16.9	—	—
Median duration, in weeks .....	7.7	9.7	—	—	8.2	10.4	—	—

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

Sex, age, race, and marital status	March 2002							
	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>TOTAL</b>								
Total, 16 years and over .....	8,659	2,798	2,794	3,067	1,684	1,383	16.2	9.7
16 to 19 years .....	1,255	547	376	332	205	126	12.6	6.8
20 to 24 years .....	1,581	570	551	460	249	210	13.8	8.4
25 to 34 years .....	1,901	617	636	649	373	276	14.8	9.4
35 to 44 years .....	1,829	565	573	692	390	301	17.0	10.8
45 to 54 years .....	1,323	328	399	596	295	301	21.0	12.7
55 to 64 years .....	629	147	202	280	142	138	20.2	12.6
65 years and over .....	140	24	58	59	29	30	22.2	12.3
<b>Men, 16 years and over .....</b>	<b>4,967</b>	<b>1,532</b>	<b>1,614</b>	<b>1,821</b>	<b>1,009</b>	<b>812</b>	<b>16.6</b>	<b>10.1</b>
16 to 19 years .....	712	277	209	225	136	89	14.9	8.0
20 to 24 years .....	933	319	309	304	156	149	15.0	9.1
25 to 34 years .....	1,111	347	382	381	226	156	14.5	9.5
35 to 44 years .....	1,001	326	327	347	204	143	15.7	10.1
45 to 54 years .....	768	179	241	348	183	164	20.9	12.9
55 to 64 years .....	375	77	112	186	91	95	22.4	14.3
65 years and over .....	68	6	33	29	12	17	( <sup>1</sup> )	( <sup>1</sup> )
<b>Women, 16 years and over .....</b>	<b>3,692</b>	<b>1,266</b>	<b>1,180</b>	<b>1,246</b>	<b>675</b>	<b>571</b>	<b>15.7</b>	<b>9.2</b>
16 to 19 years .....	543	270	167	106	69	37	9.7	4.6
20 to 24 years .....	649	251	242	155	94	61	12.0	7.8
25 to 34 years .....	790	270	253	268	148	120	15.2	9.2
35 to 44 years .....	829	239	246	344	186	159	18.5	11.8
45 to 54 years .....	556	149	158	248	111	137	21.2	12.4
55 to 64 years .....	254	69	90	94	51	43	16.9	10.7
65 years and over .....	72	18	24	30	16	14	( <sup>1</sup> )	( <sup>1</sup> )
<b>Race</b>								
White, 16 years and over .....	6,351	2,133	2,119	2,098	1,144	954	15.4	9.2
Men .....	3,735	1,197	1,259	1,280	721	560	15.5	9.6
Women .....	2,615	936	861	818	424	395	15.2	8.7
Black, 16 years and over .....	1,821	533	518	770	420	350	19.1	11.4
Men .....	951	260	273	417	213	204	21.1	12.2
Women .....	871	273	245	353	207	146	16.9	10.4
<b>Marital status</b>								
Men, 16 years and over:								
Married, spouse present .....	1,792	532	627	634	356	278	16.1	10.1
Widowed, divorced, or separated .....	678	175	225	278	160	117	17.9	11.8
Single (never married) .....	2,497	826	762	909	492	417	16.5	9.6
Women, 16 years and over:								
Married, spouse present .....	1,310	413	446	450	233	218	16.0	9.6
Widowed, divorced, or separated .....	874	284	249	340	181	159	18.2	10.5
Single (never married) .....	1,509	569	484	455	261	194	14.1	8.3

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Occupation and industry	March 2002							Average (mean) duration	Median duration
	Thousands of persons					Weeks			
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over					
				Total	15 to 26 weeks	27 weeks and over			
<b>OCCUPATION</b>									
Managerial and professional specialty .....	1,278	351	394	533	282	251	17.9	11.4	
Technical, sales, and administrative support .....	2,195	743	679	772	420	352	16.2	9.4	
Service occupations .....	1,337	483	420	433	233	200	15.3	8.9	
Precision production, craft, and repair .....	1,059	359	375	325	199	126	14.3	9.1	
Operators, fabricators, and laborers .....	1,889	528	670	691	398	293	16.4	10.4	
Farming, forestry, and fishing .....	403	147	113	143	88	55	14.1	9.1	
<b>INDUSTRY<sup>1</sup></b>									
Agriculture .....	332	141	88	103	81	23	12.0	7.4	
Construction .....	978	280	381	317	198	119	14.7	10.0	
Manufacturing .....	1,398	325	514	559	266	293	18.2	11.7	
Durable goods .....	872	207	330	336	177	159	16.6	11.5	
Nondurable goods .....	525	118	184	223	89	134	20.8	12.1	
Transportation and public utilities .....	485	116	148	221	126	95	19.0	12.8	
Wholesale and retail trade .....	1,998	702	651	646	372	274	14.7	8.7	
Finance, insurance, and real estate .....	256	92	76	88	35	52	18.2	9.7	
Services .....	2,355	827	686	842	495	347	15.9	9.4	
Public administration .....	123	42	35	46	22	24	16.6	10.0	
No previous work experience .....	479	185	135	159	61	98	19.1	8.4	

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

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

(In thousands)

Category	Total		Age						Sex			
	Mar. 2001	Mar. 2002	16 to 24 years		25 to 54 years		55 years and over		Men		Women	
			Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
Total not in the labor force .....	69,421	71,243	12,606	13,402	18,835	19,456	37,980	38,385	26,238	26,980	43,183	44,263
Do not want a job now <sup>1</sup> .....	65,318	66,874	11,081	11,852	16,931	17,477	37,305	37,544	24,360	24,960	40,958	41,913
Want a job <sup>1</sup> .....	4,103	4,369	1,525	1,550	1,904	1,979	675	840	1,878	2,019	2,225	2,350
Did not search for work in previous year .....	2,416	2,450	814	745	1,081	1,085	520	619	1,044	1,112	1,372	1,338
Searched for work in previous year <sup>2</sup> .....	1,687	1,919	711	804	822	894	154	221	834	907	853	1,012
Not available to work now .....	583	581	276	297	275	239	32	44	243	237	340	343
Available to work now .....	1,104	1,339	435	507	547	654	122	177	592	670	512	669
Reason not currently looking:												
Discouragement over job prospects <sup>3</sup> .....	350	319	107	112	209	165	34	43	217	211	134	108
Reasons other than discouragement .....	754	1,019	327	396	337	490	89	134	375	459	378	560
Family responsibilities .....	113	194	39	32	68	143	7	19	22	58	91	136
In school or training .....	150	244	137	200	13	43	1	-	81	124	70	119
Ill health or disability .....	62	97	4	20	49	45	9	32	27	49	34	47
Other <sup>4</sup> .....	428	485	148	143	208	258	72	83	245	227	183	258

<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.



## 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>	
	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002	Mar. 2001	Mar. 2002
<b>AGE</b>												
Total, 16 years and over <sup>2</sup> .....	7,609	7,392	5.6	5.5	3,917	3,809	5.5	5.4	3,692	3,583	5.8	5.7
16 to 19 years .....	285	270	4.3	4.3	116	112	3.4	3.7	169	158	5.2	5.0
20 years and over .....	7,324	7,122	5.7	5.6	3,801	3,697	5.6	5.5	3,522	3,425	5.8	5.7
20 to 24 years .....	683	829	5.2	6.4	266	382	4.0	5.8	417	447	6.4	7.1
25 years and over .....	6,641	6,293	5.8	5.5	3,536	3,315	5.8	5.4	3,105	2,978	5.8	5.6
25 to 54 years .....	5,763	5,370	5.9	5.6	3,069	2,821	6.0	5.6	2,694	2,549	5.9	5.7
55 years and over .....	878	923	4.8	4.9	467	494	4.7	4.8	411	429	5.0	4.9
55 to 64 years .....	734	782	5.2	5.3	375	413	5.0	5.3	359	368	5.5	5.3
65 years and over .....	144	142	3.5	3.4	92	81	3.8	3.4	52	61	3.0	3.5
<b>RACE AND HISPANIC ORIGIN</b>												
White .....	6,491	6,375	5.7	5.7	3,377	3,342	5.5	5.6	3,113	3,032	5.9	5.8
Black .....	843	714	5.5	4.8	395	306	5.6	4.3	448	408	5.5	5.2
Hispanic origin .....	528	553	3.6	3.8	309	356	3.6	4.3	219	197	3.5	3.1
<b>MARITAL STATUS</b>												
Married, spouse present .....	4,254	4,040	5.5	5.3	2,484	2,416	5.8	5.6	1,769	1,624	5.2	4.8
Widowed, divorced, or separated .....	1,450	1,308	6.7	6.2	541	447	6.2	5.3	909	861	7.0	6.8
Single (never married) .....	1,905	2,044	5.2	5.8	892	946	4.5	4.9	1,013	1,099	6.1	6.7
<b>FULL- OR PART-TIME STATUS</b>												
Primary job full time, secondary job part time .....	4,134	4,132	—	—	2,396	2,337	—	—	1,739	1,795	—	—
Primary and secondary jobs both part time .....	1,746	1,642	—	—	558	541	—	—	1,188	1,101	—	—
Primary and secondary jobs both full time .....	334	239	—	—	225	163	—	—	109	76	—	—
Hours vary on primary or secondary job .....	1,351	1,346	—	—	713	759	—	—	638	587	—	—

<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.

# ESTABLISHMENT DATA HISTORICAL EMPLOYMENT

## B-1. Employees on nonfarm payrolls by major industry, 1951 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	Government				
													Federal	State	Local		
Annual averages																	
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)		
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)		
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)		
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)		
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	9,023		
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	9,239		
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	89,823	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	20,170	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	125,865	106,042	25,414	590	6,020	18,805	100,451	6,611	6,800	22,295	7,389	37,533	2,686	4,612	12,525		
1999	128,916	108,709	25,507	539	6,415	18,552	103,409	6,834	6,911	22,848	7,555	39,055	2,669	4,709	12,829		
2000	131,759	111,079	25,709	543	6,698	18,469	106,050	7,019	7,024	23,307	7,560	40,460	2,777	4,785	13,119		
2001	132,213	111,341	25,122	563	6,861	17,698	107,092	7,070	7,014	23,488	7,624	41,024	2,616	4,880	13,377		
Monthly data, seasonally adjusted																	
2001:																	
March	132,654	111,943	25,602	557	6,929	18,116	107,052	7,127	7,066	23,457	7,618	41,073	2,613	4,836	13,262		
April	132,489	111,742	25,421	560	6,852	18,009	107,068	7,119	7,053	23,530	7,626	40,993	2,615	4,847	13,285		
May	132,530	111,760	25,324	564	6,881	17,879	107,206	7,130	7,038	23,546	7,644	41,078	2,612	4,854	13,304		
June	132,431	111,603	25,186	565	6,864	17,757	107,245	7,118	7,022	23,561	7,631	41,085	2,621	4,881	13,326		
July	132,449	111,517	25,122	567	6,867	17,688	107,327	7,108	7,017	23,606	7,618	41,046	2,626	4,909	13,397		
August	132,395	111,390	24,963	569	6,861	17,533	107,432	7,082	7,010	23,583	7,623	41,129	2,622	4,913	13,470		
September	132,230	111,249	24,888	569	6,871	17,448	107,342	7,070	6,988	23,536	7,633	41,134	2,627	4,931	13,423		
October	131,782	110,784	24,746	569	6,852	17,325	107,036	7,016	6,971	23,422	7,634	40,995	2,625	4,919	13,454		
November	131,427	110,421	24,577	567	6,851	17,159	106,850	6,952	6,941	23,424	7,638	40,889	2,607	4,916	13,483		
December	131,321	110,260	24,453	564	6,850	17,039	106,868	6,915	6,938	23,365	7,632	40,957	2,615	4,928	13,518		
2002:						</											

<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	12.48	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	16.91	742.35	38.9	16.61	646.13
1999 .....	34.5	13.24	456.78	43.2	17.05	736.56	39.1	17.19	672.13
2000 .....	34.5	13.75	474.38	43.1	17.24	743.04	39.3	17.88	702.68
2001 .....	34.2	14.33	490.09	43.4	17.65	766.01	39.2	18.33	718.54
<b>Monthly data, not seasonally adjusted</b>									
<b>2001:</b>									
March .....	34.0	\$14.19	\$482.46	43.1	\$17.57	\$757.27	38.6	\$18.20	\$702.52
April .....	34.1	14.27	486.61	43.5	17.60	765.60	38.5	18.07	695.70
May .....	34.1	14.22	484.90	44.0	17.49	769.56	40.1	18.17	728.62
June .....	34.4	14.22	489.17	43.7	17.59	768.68	40.0	18.21	728.40
July .....	34.6	14.27	493.74	43.7	17.67	772.18	40.4	18.32	740.13
August .....	34.4	14.28	491.23	43.6	17.53	764.31	40.1	18.43	739.04
September .....	34.3	14.51	497.69	44.0	17.67	777.48	39.8	18.50	736.30
October .....	34.0	14.50	493.00	43.7	17.70	773.49	39.5	18.55	732.73
November .....	34.0	14.56	495.04	43.0	17.79	764.97	38.9	18.51	720.04
December .....	34.4	14.63	503.27	43.3	17.93	776.37	38.3	18.64	713.91
<b>2002:</b>									
January .....	33.6	14.67	492.91	42.3	17.96	759.71	38.6	18.47	712.94
February <sup>p</sup> .....	33.9	14.68	497.65	42.7	17.83	761.34	38.5	18.50	712.25
March <sup>p</sup> .....	33.9	14.69	497.99	42.8	17.82	762.70	38.4	18.59	713.86

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	38.3	14.07	538.88
1999 .....	41.7	13.90	13.17	579.63	38.7	15.69	607.20	38.3	14.59	558.80
2000 .....	41.6	14.38	13.62	598.21	38.6	16.22	626.09	38.5	15.20	585.20
2001 .....	40.7	14.84	14.15	603.99	38.1	16.89	643.51	38.2	15.80	603.56
Monthly data, not seasonally adjusted										
<b>2001:</b>										
March .....	40.8	\$14.65	\$13.98	\$597.72	38.0	\$16.65	\$632.70	38.0	\$15.58	\$592.04
April .....	39.9	14.74	14.16	588.13	38.2	16.78	641.00	38.3	15.86	607.44
May .....	40.7	14.75	14.08	600.33	37.9	16.70	632.93	38.2	15.67	598.59
June .....	40.8	14.79	14.10	603.43	38.2	16.83	642.91	38.3	15.77	603.99
July .....	40.3	14.84	14.16	598.05	38.5	16.89	650.27	38.5	15.88	611.38
August .....	40.8	14.89	14.16	607.51	38.1	16.97	646.56	38.3	15.75	603.23
September .....	41.0	15.01	14.26	615.41	38.0	17.07	648.66	38.7	16.03	620.36
October .....	40.7	14.97	14.28	609.28	37.8	17.09	646.00	38.1	15.85	603.89
November .....	40.7	15.07	14.37	613.35	37.7	17.23	649.57	38.2	15.91	607.76
December .....	41.3	15.18	14.46	626.93	38.3	17.26	661.06	38.6	16.17	624.16
<b>2002:</b>										
January .....	40.4	15.16	14.49	612.46	37.4	17.39	650.39	37.9	16.07	609.05
February <sup>P</sup> .....	40.3	15.16	14.49	610.95	37.4	17.44	652.26	38.1	16.16	615.70
March <sup>P</sup> .....	40.9	15.18	14.46	620.86	37.6	17.41	654.62	38.1	16.04	611.12

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	8.74	253.46	36.4	14.07	512.15	32.6	12.84	418.58
1999 .....	29.0	9.09	263.61	36.2	14.62	529.24	32.6	13.37	435.86
2000 .....	28.9	9.46	273.39	36.3	15.07	547.04	32.7	13.91	454.86
2001 .....	28.8	9.82	282.82	36.3	15.83	574.63	32.7	14.61	477.75
<b>Monthly data, not seasonally adjusted</b>									
<b>2001:</b>									
March .....	28.4	\$9.74	\$276.62	36.0	\$15.67	\$564.12	32.6	\$14.48	\$472.05
April .....	28.8	9.78	281.66	36.7	15.81	580.23	32.7	14.58	476.77
May .....	28.7	9.78	280.69	35.9	15.76	565.78	32.5	14.46	469.95
June .....	29.0	9.77	283.33	36.2	15.75	570.15	32.8	14.39	471.99
July .....	29.5	9.77	288.22	36.7	15.85	581.70	33.1	14.46	478.63
August .....	29.3	9.79	286.85	36.1	15.84	571.82	32.8	14.46	474.29
September .....	28.8	9.92	285.70	36.7	16.05	589.04	32.7	14.78	483.31
October .....	28.5	9.93	283.01	35.8	15.96	571.37	32.4	14.80	479.52
November .....	28.5	9.98	284.43	36.0	16.04	577.44	32.5	14.92	484.90
December .....	29.2	9.99	291.71	36.7	16.19	594.17	32.9	15.08	496.13
<b>2002:</b>									
January .....	28.0	10.05	281.40	35.9	16.13	579.07	32.2	15.07	485.25
February <sup>p</sup> .....	28.6	10.03	286.86	36.3	16.20	588.06	32.5	15.10	490.75
March <sup>p</sup> .....	28.6	10.07	288.00	36.1	16.24	586.26	32.4	15.09	488.92

<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 2000 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 2000 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	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	Mar. <sup>P</sup>
<b>Total</b> .....	132,654	132,489	132,530	132,431	132,449	132,395	132,230	131,782	131,427	131,321	131,212	131,210	131,268
<b>Total private</b> .....	111,943	111,742	111,760	111,603	111,517	111,390	111,249	110,784	110,421	110,260	110,142	110,125	110,146
<b>Goods-producing</b> .....	25,602	25,421	25,324	25,186	25,122	24,963	24,888	24,746	24,577	24,453	24,273	24,243	24,166
<b>Mining</b> .....	557	560	564	565	567	569	569	569	567	564	563	557	555
Metal mining .....	38	37	37	35	34	35	35	35	34	33	31	30	30
Coal mining .....	75	75	76	78	79	80	80	81	81	82	82	81	81
Oil and gas extraction .....	331	335	339	340	341	342	342	340	339	336	339	335	332
Nonmetallic minerals, except fuels .....	113	113	112	112	113	112	112	113	113	113	111	111	112
<b>Construction</b> .....	6,929	6,852	6,881	6,864	6,867	6,861	6,871	6,852	6,851	6,850	6,787	6,817	6,780
General building contractors .....	1,552	1,548	1,556	1,551	1,554	1,557	1,562	1,560	1,561	1,559	1,552	1,551	1,547
Heavy construction, except building .....	938	915	923	925	935	932	932	933	942	944	928	939	903
Special trade contractors .....	4,439	4,389	4,402	4,388	4,378	4,372	4,377	4,359	4,348	4,347	4,307	4,327	4,330
<b>Manufacturing</b> .....	18,116	18,009	17,879	17,757	17,688	17,533	17,448	17,325	17,159	17,039	16,923	16,869	16,831
<b>Durable goods</b> .....	10,941	10,870	10,778	10,692	10,624	10,523	10,460	10,363	10,240	10,158	10,048	10,018	9,987
Lumber and wood products .....	799	800	797	798	797	793	794	789	784	780	781	785	786
Furniture and fixtures .....	548	543	540	532	531	519	513	505	499	499	497	499	497
Stone, clay, and glass products .....	578	577	574	572	569	568	567	566	562	559	554	550	552
Primary metal industries .....	671	667	660	654	648	643	638	633	619	613	600	597	599
Fabricated metal products .....	1,509	1,503	1,488	1,478	1,478	1,468	1,464	1,454	1,435	1,428	1,416	1,417	1,414
Industrial machinery and equipment .....	2,084	2,072	2,054	2,031	2,007	1,980	1,965	1,943	1,917	1,892	1,870	1,857	1,850
Computer and office equipment .....	369	367	366	357	353	348	344	342	339	335	327	326	326
Electronic and other electrical equipment .....	1,715	1,684	1,656	1,624	1,589	1,565	1,551	1,529	1,499	1,474	1,456	1,434	1,424
Electronic components and accessories .....	702	686	670	650	634	618	613	601	591	583	571	562	556
Transportation equipment .....	1,775	1,768	1,757	1,749	1,752	1,750	1,735	1,714	1,706	1,696	1,661	1,669	1,657
Motor vehicles and equipment .....	956	950	939	931	936	931	919	903	903	901	878	894	896
Aircraft and parts .....	465	464	465	465	466	465	465	463	456	452	440	432	423
Instruments and related products .....	871	866	865	865	865	858	851	849	843	839	835	833	831
Miscellaneous manufacturing .....	391	390	387	389	388	379	382	381	376	378	378	377	377
<b>Nondurable goods</b> .....	7,175	7,139	7,101	7,065	7,064	7,010	6,988	6,962	6,919	6,881	6,875	6,851	6,844
Food and kindred products .....	1,687	1,687	1,684	1,685	1,680	1,674	1,682	1,689	1,691	1,682	1,684	1,686	1,683
Tobacco products .....	32	32	33	33	33	35	33	33	33	32	33	33	34
Textile mill products .....	494	489	480	472	471	465	459	454	446	442	440	439	437
Apparel and other textile products .....	590	581	579	567	571	554	551	542	533	531	534	527	527
Paper and allied products .....	642	641	639	635	632	628	629	628	627	624	624	622	622
Printing and publishing .....	1,524	1,512	1,502	1,495	1,489	1,483	1,473	1,465	1,452	1,444	1,434	1,424	1,419
Chemicals and allied products .....	1,039	1,036	1,033	1,033	1,039	1,035	1,031	1,027	1,024	1,021	1,020	1,019	1,015
Petroleum and coal products .....	126	128	127	128	128	127	128	128	127	127	128	127	128
Rubber and misc. plastics products .....	973	967	959	953	957	947	941	935	927	920	919	916	920
Leather and leather products .....	68	66	65	64	64	62	61	61	59	58	59	58	59
<b>Service-producing</b> .....	107,052	107,068	107,206	107,245	107,327	107,432	107,342	107,036	106,850	106,868	106,939	106,967	107,102
<b>Transportation and public utilities</b> .....	7,127	7,119	7,130	7,118	7,108	7,082	7,070	7,016	6,952	6,915	6,898	6,898	6,892
Transportation .....	4,591	4,576	4,584	4,571	4,561	4,539	4,528	4,472	4,414	4,387	4,381	4,384	4,379
Railroad transportation .....	230	230	230	227	226	226	226	225	224	227	228	228	227
Local and interurban passenger transit .....	480	477	483	483	485	486	482	479	480	485	482	484	485
Trucking and warehousing .....	1,872	1,864	1,867	1,867	1,863	1,844	1,838	1,832	1,830	1,832	1,830	1,828	1,829
Water transportation .....	201	202	203	201	203	203	205	206	204	206	204	205	205
Transportation by air .....	1,316	1,313	1,315	1,310	1,304	1,303	1,300	1,264	1,221	1,189	1,192	1,195	1,189
Pipelines, except natural gas .....	13	14	14	14	14	14	14	14	14	14	14	14	14
Transportation services .....	479	476	472	469	466	463	463	452	441	434	431	430	430
Communications and public utilities .....	2,536	2,543	2,546	2,547	2,547	2,543	2,542	2,544	2,538	2,528	2,517	2,514	2,513
Communications .....	1,690	1,696	1,699	1,700	1,700	1,695	1,695	1,695	1,689	1,683	1,670	1,668	1,669
Electric, gas, and sanitary services .....	846	847	847	847	847	848	847	849	849	845	847	846	844
<b>Wholesale trade</b> .....	7,066	7,053	7,038	7,022	7,017	7,010	6,988	6,971	6,941	6,938	6,933	6,919	6,917
Durable goods .....	4,196	4,187	4,174	4,166	4,149	4,134	4,123	4,114	4,087	4,086	4,076	4,070	4,067
Nondurable goods .....	2,870	2,866	2,864	2,856	2,868	2,876	2,865	2,857	2,854	2,852	2,857	2,849	2,850

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	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. P	Mar. P
<b>Retail trade</b>	23,457	23,530	23,546	23,561	23,606	23,583	23,536	23,422	23,424	23,365	23,408	23,458	23,452
Building materials and garden supplies	1,006	999	1,006	1,014	1,008	1,014	1,013	1,012	1,010	1,013	1,022	1,029	1,030
General merchandise stores	2,797	2,804	2,821	2,818	2,810	2,800	2,793	2,764	2,778	2,755	2,710	2,789	2,786
Department stores	2,451	2,459	2,473	2,471	2,458	2,449	2,450	2,422	2,420	2,410	2,369	2,430	2,439
Food stores	3,550	3,562	3,553	3,544	3,536	3,531	3,538	3,542	3,539	3,525	3,519	3,502	3,493
Automotive dealers and service stations	2,420	2,421	2,428	2,431	2,435	2,441	2,435	2,429	2,430	2,428	2,436	2,430	2,432
New and used car dealers	1,124	1,122	1,126	1,128	1,131	1,133	1,133	1,134	1,137	1,141	1,145	1,147	1,149
Apparel and accessory stores	1,228	1,226	1,231	1,227	1,219	1,224	1,224	1,208	1,203	1,192	1,221	1,217	1,221
Furniture and home furnishings stores	1,147	1,140	1,136	1,136	1,137	1,137	1,138	1,136	1,136	1,143	1,138	1,141	1,141
Eating and drinking places	8,158	8,213	8,216	8,241	8,310	8,280	8,242	8,187	8,198	8,209	8,213	8,203	8,199
Miscellaneous retail establishments	3,151	3,165	3,155	3,150	3,151	3,156	3,153	3,144	3,130	3,100	3,149	3,147	3,150
<b>Finance, insurance, and real estate</b>	7,618	7,626	7,644	7,631	7,618	7,623	7,633	7,634	7,638	7,632	7,638	7,624	7,618
Finance	3,755	3,761	3,770	3,767	3,755	3,758	3,758	3,761	3,772	3,774	3,778	3,768	3,766
Depository institutions	2,028	2,032	2,037	2,041	2,039	2,037	2,039	2,041	2,045	2,044	2,046	2,043	2,045
Commercial banks	1,418	1,421	1,426	1,428	1,426	1,423	1,423	1,427	1,428	1,427	1,429	1,428	1,427
Savings institutions	254	255	255	256	255	255	256	257	259	260	262	261	262
Nondepository institutions	686	691	697	699	703	709	706	712	717	728	731	731	728
Mortgage bankers and brokers	306	308	313	317	321	324	323	326	333	342	346	349	346
Security and commodity brokers	781	780	776	766	755	755	755	750	751	744	742	737	739
Holding and other investment offices	260	258	260	261	258	257	258	258	259	258	259	257	254
Insurance	2,353	2,356	2,358	2,356	2,357	2,357	2,362	2,361	2,356	2,352	2,351	2,346	2,342
Insurance carriers	1,593	1,596	1,598	1,598	1,599	1,598	1,601	1,602	1,597	1,594	1,594	1,588	1,586
Insurance agents, brokers, and service	760	760	760	758	758	759	761	759	759	758	757	758	756
Real estate	1,510	1,509	1,516	1,508	1,506	1,508	1,513	1,512	1,510	1,506	1,509	1,510	1,510
<b>Services<sup>1</sup></b>	41,073	40,993	41,078	41,085	41,046	41,129	41,134	40,995	40,889	40,957	40,992	40,983	41,101
Agricultural services	828	824	834	833	834	837	838	841	840	846	843	843	846
Hotels and other lodging places	1,960	1,944	1,935	1,920	1,922	1,912	1,913	1,862	1,852	1,845	1,854	1,859	1,863
Personal services	1,265	1,267	1,277	1,279	1,281	1,284	1,284	1,281	1,271	1,294	1,295	1,285	1,293
Business services	9,822	9,729	9,702	9,666	9,592	9,588	9,581	9,467	9,356	9,346	9,317	9,285	9,365
Services to buildings	1,007	1,009	1,013	1,008	998	997	997	995	996	992	982	976	979
Personnel supply services	3,694	3,600	3,590	3,556	3,517	3,521	3,488	3,378	3,282	3,252	3,237	3,237	3,317
Help supply services	3,293	3,202	3,198	3,161	3,127	3,113	3,106	3,005	2,913	2,894	2,881	2,891	2,960
Computer and data processing services	2,195	2,199	2,200	2,205	2,202	2,194	2,200	2,201	2,189	2,189	2,186	2,184	2,183
Auto repair, services, and parking	1,298	1,300	1,309	1,303	1,312	1,307	1,306	1,298	1,305	1,304	1,308	1,308	1,305
Miscellaneous repair services	364	364	363	361	360	362	363	362	360	359	358	361	357
Motion pictures	605	601	587	602	595	589	586	582	584	580	589	581	576
Amusement and recreation services	1,775	1,764	1,787	1,768	1,772	1,777	1,766	1,781	1,762	1,772	1,772	1,758	1,746
Health services	10,259	10,280	10,296	10,329	10,354	10,384	10,408	10,431	10,458	10,483	10,504	10,529	10,561
Offices and clinics of medical doctors	1,962	1,967	1,973	1,981	1,983	1,990	1,992	1,993	2,000	2,002	2,007	2,016	2,023
Nursing and personal care facilities	1,811	1,816	1,814	1,821	1,823	1,825	1,830	1,834	1,837	1,842	1,848	1,847	1,853
Hospitals	4,055	4,062	4,071	4,086	4,098	4,114	4,124	4,135	4,149	4,158	4,167	4,175	4,185
Home health care services	648	646	645	648	647	653	655	655	657	659	663	661	663
Legal services	1,022	1,021	1,027	1,027	1,026	1,028	1,030	1,030	1,030	1,031	1,030	1,029	1,032
Educational services	2,384	2,388	2,431	2,426	2,432	2,452	2,446	2,436	2,439	2,457	2,472	2,486	2,482
Social services	3,009	3,023	3,039	3,056	3,048	3,076	3,085	3,096	3,100	3,105	3,122	3,121	3,125
Child day care services	739	743	745	756	760	765	756	757	755	757	756	754	756
Residential care	831	835	842	845	847	848	851	854	855	853	860	860	863
Museums and botanical and zoological gardens	110	109	110	111	111	111	112	112	110	110	110	110	110
Membership organizations	2,489	2,489	2,496	2,501	2,493	2,503	2,509	2,505	2,505	2,506	2,504	2,505	2,506
Engineering and management services	3,510	3,517	3,512	3,529	3,540	3,544	3,533	3,538	3,543	3,541	3,542	3,551	3,563
Engineering and architectural services	1,052	1,053	1,057	1,059	1,064	1,067	1,067	1,069	1,065	1,063	1,064	1,061	1,067
Management and public relations	1,125	1,124	1,121	1,124	1,119	1,123	1,122	1,124	1,127	1,125	1,132	1,131	1,136
<b>Government</b>	20,711	20,747	20,770	20,828	20,932	21,005	20,981	20,998	21,006	21,061	21,070	21,085	21,122
Federal	2,613	2,615	2,612	2,621	2,626	2,622	2,627	2,625	2,607	2,615	2,607	2,605	2,603
Federal, except Postal Service	1,754	1,756	1,754	1,772	1,772	1,774	1,776	1,779	1,777	1,775	1,775	1,774	1,773
State	4,836	4,847	4,854	4,881	4,909	4,913	4,931	4,919	4,916	4,928	4,934	4,930	4,935
Education	2,055	2,065	2,066	2,089	2,117	2,122	2,129	2,107	2,109	2,112	2,120	2,118	2,124
Other State government	2,781	2,782	2,788	2,792	2,792	2,791	2,802	2,812	2,807	2,816	2,814	2,812	2,811
Local	13,262	13,285	13,304	13,326	13,397	13,470	13,423	13,454	13,483	13,518	13,529	13,550	13,584
Education	7,492	7,495	7,512	7,515	7,575	7,650	7,595	7,607	7,630	7,642	7,644	7,655	7,682
Other local government	5,770	5,790	5,792	5,811	5,822	5,820	5,828	5,847	5,853	5,876	5,885	5,895	5,902

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

P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2000

benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1997 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	2001												2002
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>Total</b> .....	64,164	64,272	64,304	64,300	64,379	64,282	64,391	64,452	64,264	64,126	63,975	63,994	64,051
<b>Total private</b> .....	52,556	52,583	52,598	52,561	52,636	52,544	52,552	52,539	52,387	52,242	52,093	52,069	52,104
<b>Goods-producing</b> .....	6,596	6,577	6,557	6,507	6,463	6,406	6,383	6,326	6,297	6,253	6,193	6,168	6,121
<b>Mining</b> .....	76	75	75	76	77	77	78	78	79	78	78	78	76
<b>Construction</b> .....	737	745	748	748	754	751	757	758	761	759	760	767	759
<b>Manufacturing</b> .....	5,783	5,757	5,734	5,683	5,632	5,578	5,548	5,490	5,457	5,416	5,355	5,323	5,286
<b>Durable goods</b> .....	2,975	2,961	2,946	2,915	2,885	2,853	2,830	2,791	2,774	2,745	2,704	2,691	2,659
Lumber and wood products .....	144	144	144	143	144	143	144	143	143	142	141	141	142
Furniture and fixtures .....	178	176	176	175	173	172	170	167	165	162	160	168	168
Stone, clay, and glass products .....	100	100	99	98	97	96	96	94	94	93	92	92	92
Primary metal industries .....	106	106	104	103	102	100	100	99	98	97	94	94	92
Fabricated metal products .....	348	345	344	342	339	334	334	330	329	326	322	321	317
Industrial machinery and equipment .....	466	463	459	454	449	444	437	431	428	423	416	409	404
Electronic and other electrical equipment .....	705	700	694	680	664	650	637	625	617	609	595	584	575
Transportation equipment .....	399	399	398	396	394	392	390	390	388	383	380	382	371
Instruments and related products .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Miscellaneous manufacturing .....	172	170	170	170	169	169	169	163	165	164	162	161	161
<b>Nondurable goods</b> .....	2,808	2,796	2,788	2,768	2,747	2,725	2,718	2,699	2,683	2,671	2,651	2,632	2,627
Food and kindred products .....	556	557	558	562	554	553	547	550	551	554	556	550	552
Tobacco products .....	10	10	10	10	10	10	10	11	10	11	10	10	10
Textile mill products .....	229	226	225	223	219	218	216	214	211	210	207	203	201
Apparel and other textile products .....	425	422	418	410	406	396	401	387	385	379	372	372	370
Paper and allied products .....	161	159	159	157	157	156	155	153	154	153	153	152	152
Printing and publishing .....	689	687	685	678	674	668	664	663	658	653	648	644	640
Chemicals and allied products .....	347	348	347	347	348	349	349	350	346	345	343	343	344
Petroleum and coal products .....	22	22	22	21	22	22	22	22	22	22	22	22	21
Rubber and misc. plastics products .....	332	328	327	324	321	318	320	315	313	311	307	304	304
Leather and leather products .....	37	37	37	36	36	35	34	34	33	33	33	32	33
<b>Service-producing</b> .....	57,568	57,695	57,747	57,793	57,916	57,876	58,008	58,126	57,967	57,873	57,782	57,826	57,930
<b>Transportation and public utilities</b> .....	2,204	2,204	2,207	2,210	2,216	2,215	2,216	2,212	2,208	2,182	2,157	2,134	2,116
<b>Wholesale trade</b> .....	2,197	2,199	2,202	2,196	2,177	2,169	2,174	2,178	2,168	2,160	2,142	2,156	2,157
<b>Retail trade</b> .....	12,311	12,328	12,324	12,384	12,393	12,386	12,401	12,380	12,326	12,285	12,282	12,260	12,300
<b>Finance, insurance, and real estate</b> .....	4,761	4,768	4,774	4,785	4,800	4,792	4,792	4,796	4,795	4,798	4,801	4,800	4,807
<b>Services</b> .....	24,487	24,507	24,534	24,479	24,587	24,576	24,586	24,647	24,593	24,564	24,518	24,551	24,603
<b>Government</b> .....	11,608	11,689	11,706	11,739	11,743	11,738	11,839	11,913	11,877	11,884	11,882	11,925	11,947
Federal .....	1,061	1,115	1,113	1,115	1,115	1,075	1,120	1,121	1,070	1,076	1,074	1,081	1,087
State .....	2,490	2,498	2,503	2,507	2,506	2,514	2,537	2,540	2,553	2,549	2,547	2,551	2,558
Local .....	8,057	8,076	8,090	8,117	8,122	8,149	8,182	8,252	8,254	8,259	8,261	8,293	8,302

<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 2000 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1997 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	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	Mar. <sup>P</sup>
<b>Total private</b> .....	91,667	91,560	91,542	91,357	91,345	91,240	91,043	90,656	90,333	90,172	90,140	90,051	90,067
<b>Goods-producing</b> .....	18,069	17,928	17,847	17,714	17,665	17,525	17,444	17,349	17,223	17,117	16,981	16,895	16,881
<b>Mining</b> .....	436	438	442	445	446	447	444	446	445	440	435	429	423
<b>Construction</b> .....	5,379	5,324	5,339	5,313	5,319	5,296	5,294	5,277	5,278	5,272	5,218	5,173	5,186
<b>Manufacturing</b> .....	12,254	12,166	12,066	11,956	11,900	11,782	11,706	11,626	11,500	11,405	11,328	11,293	11,272
<b>Durable goods</b> .....	7,358	7,308	7,235	7,157	7,102	7,022	6,970	6,897	6,805	6,744	6,675	6,653	6,639
Lumber and wood products .....	646	647	644	644	642	638	638	634	631	628	628	631	633
Furniture and fixtures .....	435	431	427	421	417	409	404	397	392	393	390	393	393
Stone, clay, and glass products .....	453	453	450	447	447	441	443	441	438	435	430	429	431
Primary metal industries .....	524	518	512	507	499	497	493	488	474	470	458	455	458
Fabricated metal products .....	1,125	1,121	1,109	1,099	1,100	1,092	1,086	1,077	1,062	1,056	1,048	1,050	1,047
Industrial machinery and equipment .....	1,277	1,264	1,253	1,235	1,216	1,199	1,187	1,175	1,157	1,139	1,124	1,115	1,110
Electronic and other electrical equipment .....	1,041	1,023	1,005	985	959	938	925	910	889	874	864	847	843
Transportation equipment .....	1,163	1,160	1,149	1,134	1,138	1,137	1,124	1,108	1,103	1,091	1,077	1,080	1,072
Motor vehicles and equipment .....	715	713	702	690	699	695	685	669	670	664	654	664	666
Instruments and related products .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Miscellaneous manufacturing .....	265	265	263	263	261	252	255	254	250	251	251	250	253
<b>Nondurable goods</b> .....	4,896	4,858	4,831	4,799	4,798	4,760	4,736	4,729	4,695	4,661	4,653	4,640	4,633
Food and kindred products .....	1,248	1,246	1,240	1,242	1,237	1,236	1,231	1,247	1,245	1,236	1,237	1,239	1,235
Tobacco products .....	23	23	24	24	24	26	24	24	24	23	24	24	25
Textile mill products .....	413	409	401	395	396	391	385	381	374	368	363	365	363
Apparel and other textile products .....	458	449	446	436	439	424	422	416	407	405	409	403	403
Paper and allied products .....	488	487	485	481	479	477	477	477	478	474	474	473	474
Printing and publishing .....	800	790	787	781	778	775	771	767	759	753	747	740	735
Chemicals and allied products .....	572	567	566	565	568	564	562	560	559	556	554	553	551
Petroleum and coal products .....	86	88	88	87	88	88	90	89	90	91	91	91	92
Rubber and misc. plastics products .....	756	749	745	740	742	732	728	723	715	712	711	709	712
Leather and leather products .....	52	50	49	48	47	47	46	45	44	43	43	43	43
<b>Service-producing</b> .....	73,598	73,632	73,695	73,643	73,680	73,715	73,599	73,307	73,110	73,055	73,159	73,156	73,186
<b>Transportation and public utilities</b> .....	5,970	5,981	5,982	5,974	5,979	5,957	5,944	5,893	5,838	5,808	5,808	5,803	5,788
<b>Wholesale trade</b> .....	5,624	5,611	5,596	5,587	5,580	5,580	5,562	5,553	5,524	5,531	5,534	5,531	5,524
<b>Retail trade</b> .....	20,607	20,694	20,665	20,673	20,708	20,684	20,625	20,508	20,502	20,458	20,514	20,522	20,506
<b>Finance, insurance, and real estate</b> .....	5,586	5,591	5,607	5,589	5,584	5,584	5,602	5,603	5,607	5,599	5,598	5,580	5,572
<b>Services</b> .....	35,811	35,755	35,845	35,820	35,829	35,910	35,866	35,750	35,639	35,659	35,705	35,720	35,796

<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.

P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2000 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1997 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, 353 industries <sup>1</sup>												
Over 1-month span:												
1998 .....	63.2	56.2	59.3	60.2	58.9	57.1	55.4	58.4	54.8	55.0	58.2	56.4
1999 .....	55.1	59.6	52.8	57.2	58.2	54.2	57.1	54.4	55.2	57.9	59.9	56.8
2000 .....	55.7	59.3	61.0	54.2	47.7	60.5	57.8	55.1	52.0	54.8	55.1	54.2
2001 .....	53.7	50.4	55.8	45.0	46.6	44.3	45.5	43.9	44.1	38.7	38.7	41.8
2002 .....	48.9	P46.2	P45.6									
Over 3-month span:												
1998 .....	65.3	66.1	64.6	65.7	62.2	57.9	57.5	58.4	59.1	59.2	59.3	59.2
1999 .....	60.8	57.8	58.5	55.8	58.1	57.9	57.2	59.2	59.8	59.1	61.0	60.6
2000 .....	61.6	63.3	61.9	56.2	55.1	57.9	61.5	56.4	54.1	53.3	55.7	53.3
2001 .....	51.7	54.1	48.6	49.2	42.5	42.4	40.5	39.9	38.8	35.8	35.6	37.7
2002 .....	P41.4	P43.1										
Over 6-month span:												
1998 .....	70.4	67.4	65.0	62.5	63.6	60.5	59.2	58.6	57.9	59.6	60.6	59.9
1999 .....	59.8	59.8	58.2	60.3	56.7	59.2	61.8	60.8	62.2	61.2	62.3	64.9
2000 .....	63.5	60.6	62.6	63.7	61.5	55.5	56.1	58.6	54.2	54.8	51.8	54.2
2001 .....	52.0	50.6	48.6	45.3	44.1	38.5	37.1	35.6	35.1	35.7	P35.3	P35.6
2002 .....												
Over 12-month span:												
1998 .....	69.7	67.6	67.4	66.0	64.0	62.7	61.9	62.0	60.9	59.3	60.8	58.8
1999 .....	61.2	60.2	58.2	60.8	60.8	61.6	62.2	61.3	63.9	63.0	61.3	60.9
2000 .....	62.5	63.0	61.8	59.5	58.4	56.8	55.7	56.5	54.2	53.4	53.0	51.7
2001 .....	49.6	47.7	45.0	43.1	40.5	39.8	38.4	P36.8	P34.7			
2002 .....												
Manufacturing payrolls, 136 industries <sup>1</sup>												
Over 1-month span:												
1998 .....	57.4	51.5	53.7	53.3	43.8	48.2	38.2	51.5	41.9	41.5	41.2	43.4
1999 .....	46.0	44.5	43.0	42.3	50.4	39.3	51.5	39.3	45.2	46.3	53.3	46.7
2000 .....	44.9	56.6	55.5	46.7	41.2	54.8	53.7	38.6	34.6	41.5	43.8	44.1
2001 .....	37.9	32.4	41.5	31.3	29.4	33.1	39.0	27.6	36.0	29.4	25.7	29.4
2002 .....	39.0	P41.9	P42.3									
Over 3-month span:												
1998 .....	59.6	59.6	55.9	50.4	46.7	37.9	41.5	41.5	41.9	38.2	36.8	40.8
1999 .....	41.2	39.0	38.2	41.5	40.8	45.2	39.0	45.2	40.8	44.9	46.3	46.0
2000 .....	50.0	54.0	52.9	42.3	43.0	48.5	48.2	33.8	28.7	30.5	39.0	35.7
2001 .....	28.3	29.4	24.6	26.5	22.4	24.6	21.0	19.9	19.9	21.0	17.6	20.2
2002 .....	P27.2	P32.7										
Over 6-month span:												
1998 .....	63.2	54.4	50.4	40.4	44.5	40.1	37.5	36.4	34.9	40.1	37.1	34.2
1999 .....	36.0	38.2	37.5	41.2	36.8	39.7	43.0	41.5	46.0	40.4	46.3	51.5
2000 .....	51.5	44.5	48.5	55.1	43.8	34.9	33.5	34.6	30.1	29.4	25.0	27.9
2001 .....	26.8	25.4	19.9	20.6	20.2	15.1	13.2	14.0	11.8	14.7	P18.8	P18.8
2002 .....												
Over 12-month span:												
1998 .....	54.8	52.2	51.8	46.7	40.4	40.1	38.2	37.5	36.4	34.6	35.7	34.2
1999 .....	38.6	34.6	32.4	36.0	37.9	39.0	40.1	40.4	44.5	46.0	44.9	44.5
2000 .....	46.3	45.2	41.2	37.9	33.8	31.3	31.3	31.3	27.6	25.4	24.3	21.0
2001 .....	19.1	16.5	14.7	16.2	15.1	12.1	12.9	P12.5	P12.5			
2002 .....												

<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 2000 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 2000) and all seasonally adjusted data (beginning January 1997) 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	2001												2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	
	Total <sup>1</sup>													
Alabama .....	1,923.3	1,922.3	1,919.2	1,915.1	1,910.3	1,911.6	1,917.5	1,916.5	1,910.8	1,905.6	1,903.7	1,900.5	1,900.4	
Alaska .....	288.1	287.6	288.3	288.6	289.0	291.5	292.1	292.0	291.4	290.5	291.4	290.5	293.3	
Arizona .....	2,272.3	2,277.2	2,273.8	2,268.7	2,266.3	2,269.9	2,271.1	2,257.4	2,259.3	2,252.6	2,247.1	2,249.2	2,245.2	
Arkansas .....	1,159.8	1,160.4	1,160.0	1,158.5	1,156.9	1,154.9	1,153.5	1,154.7	1,151.4	1,149.9	1,147.5	1,154.1	1,154.7	
California .....	14,717.5	14,718.8	14,720.7	14,709.7	14,688.8	14,701.9	14,721.0	14,700.5	14,688.5	14,644.2	14,656.2	14,671.7	14,666.5	
Colorado .....	2,245.6	2,244.2	2,241.4	2,241.2	2,239.5	2,234.5	2,231.9	2,226.1	2,221.9	2,213.3	2,205.0	2,203.0	2,198.7	
Connecticut .....	1,691.3	1,687.8	1,685.8	1,687.0	1,686.5	1,681.1	1,680.0	1,678.6	1,673.4	1,672.4	1,672.1	1,676.8	1,676.0	
Delaware .....	420.1	423.4	421.3	421.0	420.9	418.6	418.4	417.8	418.4	418.4	418.5	414.6	415.9	
District of Columbia .....	650.4	650.8	649.5	649.6	649.3	653.6	658.2	652.6	649.5	649.3	649.6	649.4	649.8	
Florida .....	7,182.0	7,195.0	7,200.4	7,214.1	7,157.1	7,200.5	7,310.7	7,208.1	7,210.0	7,187.6	7,166.3	7,176.9	7,171.8	
Georgia .....	3,987.8	3,986.5	3,987.9	3,976.6	3,966.5	3,961.4	3,949.9	3,945.9	3,942.8	3,906.6	3,890.2	3,876.5	3,875.3	
Hawaii .....	557.0	557.6	555.9	554.7	557.2	556.7	555.7	556.6	550.1	546.0	545.5	548.1	547.2	
Idaho .....	568.7	570.3	569.9	571.1	570.0	570.2	571.5	570.0	569.8	569.3	568.9	567.8	569.4	
Illinois .....	6,040.6	6,039.4	6,032.4	6,028.4	6,020.9	6,016.9	6,003.3	5,993.5	5,978.9	5,969.4	5,958.0	5,966.7	5,931.8	
Indiana .....	2,955.9	2,955.3	2,947.3	2,941.8	2,935.8	2,938.9	2,938.7	2,937.8	2,923.5	2,915.4	2,911.0	2,915.2	2,908.8	
Iowa .....	1,475.6	1,472.4	1,472.1	1,471.4	1,468.6	1,464.9	1,466.8	1,468.1	1,463.8	1,465.2	1,462.8	1,463.9	1,464.8	
Kansas .....	1,353.0	1,355.2	1,352.8	1,353.7	1,351.8	1,357.9	1,360.7	1,363.7	1,359.9	1,360.6	1,363.1	1,359.9	1,358.8	
Kentucky .....	1,829.3	1,818.9	1,815.8	1,812.9	1,809.6	1,809.2	1,813.3	1,818.3	1,815.0	1,819.0	1,818.5	1,828.1	1,827.3	
Louisiana .....	1,923.6	1,924.7	1,928.0	1,928.7	1,928.7	1,936.4	1,939.5	1,936.7	1,938.0	1,936.9	1,937.8	1,933.2	1,928.3	
Maine .....	609.1	609.2	608.8	609.3	609.7	610.8	609.7	609.5	608.0	608.3	608.1	609.4	609.1	
Maryland .....	2,470.1	2,468.8	2,464.0	2,468.8	2,470.5	2,461.0	2,473.2	2,477.4	2,471.6	2,470.4	2,469.9	2,459.2	2,458.9	
Massachusetts .....	3,360.4	3,355.7	3,350.6	3,348.9	3,342.2	3,330.1	3,326.5	3,323.4	3,315.3	3,312.1	3,307.1	3,306.6	3,306.6	
Michigan .....	4,625.6	4,616.1	4,602.7	4,591.8	4,585.5	4,585.2	4,575.9	4,571.9	4,567.2	4,561.5	4,555.5	4,557.7	( <sup>2</sup> )	
Minnesota .....	2,700.2	2,696.9	2,689.8	2,685.9	2,677.7	2,673.6	2,669.6	2,665.6	2,656.4	2,653.4	2,648.4	2,659.6	2,658.3	
Mississippi .....	1,139.8	1,137.2	1,134.4	1,132.0	1,127.7	1,137.4	1,135.6	1,133.4	1,130.7	1,130.8	1,125.5	1,130.4	1,130.6	
Missouri .....	2,751.3	2,749.8	2,747.6	2,743.9	2,742.2	2,730.6	2,729.7	2,728.5	2,711.6	2,707.1	2,695.2	2,706.9	2,699.2	
Montana .....	391.2	392.4	392.3	392.7	394.0	392.5	392.0	391.4	389.5	390.0	390.3	395.1	394.8	
Nebraska .....	908.5	909.2	908.8	909.4	907.2	912.0	912.3	912.0	909.9	911.4	908.8	908.5	909.0	
Nevada .....	1,053.2	1,056.5	1,056.2	1,057.3	1,062.3	1,056.3	1,057.6	1,053.4	1,046.5	1,046.8	1,049.6	1,055.0	1,059.9	
New Hampshire .....	632.0	630.2	628.1	628.2	626.6	625.6	624.9	624.9	623.3	624.3	624.6	628.4	627.9	
New Jersey .....	4,028.8	4,027.7	4,026.8	4,031.5	4,034.3	4,020.5	4,014.6	4,014.3	4,022.3	4,020.0	4,023.3	4,025.0	4,020.4	
New Mexico .....	754.0	757.4	756.5	757.4	757.9	756.5	757.3	757.7	757.7	757.4	758.1	760.9	762.0	
New York .....	8,681.1	8,678.5	8,645.6	8,661.9	8,649.5	8,637.9	8,628.8	8,619.2	8,579.2	8,574.5	8,568.5	8,559.0	8,545.8	
North Carolina .....	3,940.8	3,932.5	3,897.9	3,894.2	3,883.8	3,893.5	3,901.4	3,897.7	3,886.1	3,882.6	3,881.6	3,885.3	3,883.2	
North Dakota .....	329.7	330.0	331.0	330.7	331.5	329.0	329.9	331.2	330.9	330.9	331.0	331.2	330.5	
Ohio .....	5,601.3	5,595.1	5,581.5	5,567.7	5,559.6	5,564.7	5,552.8	5,548.4	5,545.1	5,539.6	5,534.5	5,547.7	5,544.4	
Oklahoma .....	1,503.7	1,508.6	1,510.3	1,508.6	1,508.7	1,508.6	1,509.6	1,512.7	1,510.7	1,516.2	1,516.2	1,509.9	1,510.7	
Oregon .....	1,614.1	1,611.2	1,605.9	1,604.2	1,599.2	1,592.3	1,592.0	1,589.6	1,587.1	1,582.4	1,580.1	1,577.7	1,577.1	
Pennsylvania .....	5,720.5	5,718.2	5,713.8	5,714.1	5,711.9	5,719.2	5,707.2	5,696.5	5,676.5	5,666.5	5,663.1	5,655.5	5,659.5	
Rhode Island .....	479.4	480.2	479.7	479.2	479.7	479.8	478.8	478.0	477.6	477.6	477.9	480.1	479.8	
South Carolina .....	1,840.3	1,836.2	1,834.4	1,832.1	1,826.4	1,833.3	1,833.3	1,835.1	1,838.5	1,834.8	1,827.8	1,829.4	1,830.1	
South Dakota .....	379.9	379.9	379.2	379.9	378.2	379.7	380.0	379.1	379.7	377.8	376.3	376.0	376.4	
Tennessee .....	2,727.6	2,723.5	2,715.4	2,709.2	2,703.2	2,705.8	2,710.2	2,703.9	2,704.3	2,706.3	2,706.9	2,720.1	2,719.0	
Texas .....	9,546.2	9,555.4	9,550.5	9,551.3	9,538.2	9,518.0	9,518.9	9,501.6	9,462.7	9,449.6	9,437.0	9,452.5	9,460.9	
Utah .....	1,084.8	1,085.9	1,083.6	1,085.2	1,083.1	1,083.4	1,082.5	1,081.6	1,079.1	1,075.6	1,073.7	1,086.0	1,081.2	
Vermont .....	301.4	300.4	299.5	299.0	298.6	298.2	297.8	297.2	297.7	297.7	297.4	297.1	296.6	
Virginia .....	3,550.4	3,551.1	3,537.0	3,537.4	3,534.2	3,528.9	3,526.1	3,523.7	3,510.6	3,504.9	3,501.9	3,508.3	3,496.3	
Washington .....	2,719.3	2,716.6	2,714.2	2,711.3	2,705.1	2,702.1	2,698.5	2,689.7	2,677.2	2,667.8	2,665.6	2,665.4	2,660.5	
West Virginia .....	739.7	739.1	737.6	736.6	736.4	731.9	736.7	733.6	731.5	733.6	734.6	733.4	736.4	
Wisconsin .....	2,841.4	2,837.5	2,834.0	2,831.9	2,823.7	2,822.4	2,825.9	2,822.5	2,818.2	2,816.0	2,817.5	2,814.0	2,812.5	
Wyoming .....	243.6	244.2	244.4	245.1	245.1	245.5	246.4	246.8	246.2	246.2	245.9	246.5	248.1	

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	2001												2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.P	
	Construction													
Alabama .....	105.5	105.4	106.1	106.0	106.2	104.6	104.2	104.5	104.2	104.6	105.0	104.9	104.4	
Alaska .....	14.5	14.7	15.2	14.7	14.8	14.8	14.8	14.9	14.8	14.4	14.8	15.2	15.1	
Arizona .....	166.1	167.8	167.2	167.4	167.3	166.6	165.1	163.9	163.1	161.3	160.2	157.9	157.2	
Arkansas .....	52.2	52.9	52.6	52.9	52.9	53.5	53.7	53.4	53.2	53.9	54.4	55.3	55.2	
California .....	760.9	766.4	769.0	771.1	769.5	772.6	774.4	771.0	768.0	759.7	761.1	762.5	771.0	
Colorado .....	166.8	167.4	167.3	167.2	167.3	167.4	167.2	168.6	168.1	167.8	167.0	163.6	160.6	
Connecticut .....	66.2	65.0	65.4	65.6	65.7	65.3	65.3	65.0	64.8	64.5	64.8	65.2	66.0	
Delaware .....	24.3	24.2	24.0	24.1	24.3	23.7	23.7	23.8	24.0	24.2	24.3	22.6	22.4	
District of Columbia .....	11.0	10.8	10.9	11.0	10.9	11.0	11.4	10.9	10.7	10.6	10.6	9.9	9.9	
Florida .....	400.6	401.5	401.8	402.8	403.9	405.1	403.8	404.0	408.5	403.3	403.1	402.3	403.2	
Georgia .....	202.5	202.2	203.7	203.8	203.0	208.1	206.3	205.2	204.5	198.8	193.9	193.8	193.3	
Hawaii <sup>3</sup> .....	24.5	24.2	24.0	23.9	23.7	23.3	23.2	23.1	23.3	23.6	24.0	24.0	24.4	
Idaho .....	38.0	38.2	37.8	37.9	37.7	38.0	37.8	37.5	37.3	37.3	37.3	35.7	35.9	
Illinois .....	271.0	272.1	271.5	272.8	272.7	272.9	270.8	268.2	264.0	269.0	265.5	268.6	263.2	
Indiana .....	145.3	146.1	146.0	146.5	146.4	146.6	147.7	147.3	146.1	147.3	147.0	147.5	146.2	
Iowa .....	63.6	62.9	62.7	63.5	63.3	63.1	63.6	63.8	63.8	63.7	62.5	63.2	64.1	
Kansas .....	63.9	64.6	64.5	64.8	64.6	65.4	64.7	64.1	64.7	64.9	65.3	63.4	64.2	
Kentucky .....	88.8	86.5	87.4	87.2	87.9	88.7	88.8	89.2	89.0	89.1	89.5	88.1	89.8	
Louisiana .....	118.5	118.5	119.8	121.0	119.9	123.6	122.6	122.2	123.1	123.8	124.0	123.9	121.8	
Maine .....	30.4	30.2	29.6	29.9	30.1	29.9	29.6	29.6	29.5	29.6	29.7	29.9	30.1	
Maryland .....	163.4	163.1	163.3	163.9	164.3	163.0	162.7	162.3	161.5	160.6	160.1	158.0	158.3	
Massachusetts .....	134.5	134.6	135.9	137.2	136.9	137.1	136.3	137.5	138.4	139.2	140.2	139.9	140.7	
Michigan .....	203.8	203.5	203.0	202.2	200.6	199.5	199.5	199.9	200.3	201.8	202.4	201.2	( <sup>2</sup> )	
Minnesota .....	122.2	121.3	120.8	120.1	121.0	123.5	123.5	122.6	121.6	122.4	122.3	122.7	122.8	
Mississippi .....	50.9	50.5	50.9	50.7	50.4	52.4	52.5	52.7	53.1	53.3	52.5	53.3	53.9	
Missouri .....	141.6	143.1	143.9	144.4	144.5	145.1	145.0	144.5	142.1	142.6	143.5	140.9	141.1	
Montana .....	20.4	20.6	20.5	20.9	20.6	20.7	20.5	20.6	20.2	20.5	20.5	21.2	21.3	
Nebraska .....	42.9	42.8	43.1	43.1	43.0	43.4	43.2	42.8	42.0	42.5	41.8	41.8	41.2	
Nevada .....	87.4	88.1	88.7	89.4	89.9	90.6	91.2	90.7	90.3	90.3	90.1	90.3	91.3	
New Hampshire .....	25.9	26.0	26.2	26.7	26.8	27.2	27.0	27.2	27.3	27.8	27.8	27.2	27.1	
New Jersey .....	158.8	158.9	159.5	160.8	161.0	161.1	161.5	160.6	160.8	161.7	162.9	163.6	164.0	
New Mexico .....	45.7	46.0	45.9	46.0	46.0	45.8	45.7	45.4	45.6	45.7	45.8	46.3	45.6	
New York .....	334.8	333.2	333.2	334.3	332.3	331.7	330.6	330.3	332.3	334.7	337.0	337.3	338.3	
North Carolina .....	233.5	232.9	229.3	229.3	228.6	227.3	227.2	227.3	226.8	226.2	226.3	226.4	226.8	
North Dakota .....	15.4	15.5	15.3	14.9	14.8	15.0	15.2	15.5	15.7	15.8	15.5	14.9	15.4	
Ohio .....	239.2	239.0	237.2	236.2	234.6	237.7	237.0	236.3	235.8	236.3	234.8	235.1	233.1	
Oklahoma .....	62.4	63.9	63.7	63.9	64.1	63.8	63.7	63.8	64.1	64.4	65.2	64.7	64.5	
Oregon .....	82.9	82.3	80.9	80.5	79.8	79.1	78.2	76.9	75.5	73.7	74.6	74.3	74.4	
Pennsylvania .....	249.0	248.3	247.1	247.7	247.9	249.9	250.2	249.9	249.5	247.3	248.3	248.4	249.2	
Rhode Island .....	18.3	18.4	18.5	18.5	18.5	18.2	18.4	18.5	18.5	18.1	18.1	18.2	18.1	
South Carolina .....	109.9	109.7	109.8	109.9	109.8	112.1	111.9	112.1	112.2	111.5	111.2	110.4	110.7	
South Dakota .....	18.0	18.1	18.1	18.1	18.1	18.3	18.3	18.5	19.2	18.8	18.3	18.0	17.7	
Tennessee .....	123.5	124.2	121.2	121.5	121.0	120.0	120.3	119.8	119.0	120.4	120.7	121.3	122.7	
Texas .....	568.0	569.7	568.1	567.8	564.5	563.3	563.8	564.0	558.1	558.9	558.5	559.0	559.1	
Utah .....	70.6	70.5	70.1	70.2	70.3	70.7	70.9	71.1	72.1	71.4	70.8	68.6	66.8	
Vermont .....	14.8	14.8	14.6	14.7	14.7	14.8	14.7	14.7	14.8	14.8	14.8	14.6	15.1	
Virginia .....	215.1	215.1	214.8	215.1	215.3	215.3	215.5	215.8	212.9	211.1	210.3	207.2	205.7	
Washington .....	159.1	159.0	156.7	156.6	155.8	155.4	154.8	154.6	149.9	148.1	146.4	146.0	144.6	
West Virginia .....	34.8	35.1	34.0	33.6	33.4	33.1	34.0	34.1	33.7	33.3	33.9	33.8	35.8	
Wisconsin .....	125.3	124.0	123.1	123.1	122.6	122.4	122.1	121.5	121.0	120.4	120.5	121.4	120.8	
Wyoming .....	17.5	17.4	17.6	17.6	17.7	18.1	18.3	18.4	18.0	17.8	17.4	17.5	18.1	

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	2001												2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	
	Manufacturing													
Alabama .....	347.9	347.5	343.5	340.0	336.1	339.5	337.6	335.8	335.6	332.6	333.5	332.8	330.9	
Alaska .....	13.4	13.1	12.8	13.1	12.8	14.2	14.5	14.3	14.1	13.4	13.2	12.1	13.5	
Arizona .....	216.0	215.2	213.6	212.3	209.3	209.3	208.1	206.0	205.2	203.6	202.3	197.1	195.6	
Arkansas .....	246.8	245.4	244.0	241.9	240.3	238.9	238.1	237.1	237.2	234.3	232.5	232.0	231.7	
California .....	1,963.8	1,957.3	1,934.4	1,920.9	1,903.8	1,897.0	1,883.6	1,873.1	1,859.3	1,847.6	1,843.4	1,842.8	1,838.8	
Colorado .....	206.1	205.1	203.4	202.3	200.1	198.7	196.4	195.2	193.4	193.1	192.3	189.7	188.5	
Connecticut .....	260.8	259.9	258.2	256.9	255.5	252.1	250.6	249.4	248.4	247.3	246.5	246.0	245.0	
Delaware .....	54.9	57.4	57.3	57.0	57.3	55.3	55.3	55.2	55.2	55.2	55.2	54.6	55.1	
District of Columbia .....	11.4	11.5	11.4	11.4	11.3	11.3	11.4	11.3	11.2	11.2	11.1	11.0	11.3	
Florida .....	483.0	480.6	477.6	474.4	471.2	466.4	464.0	461.3	458.1	454.8	452.2	452.3	449.5	
Georgia .....	566.3	562.7	556.9	551.2	546.5	548.5	544.1	543.2	541.0	534.4	539.5	535.5	536.4	
Hawaii .....	18.0	17.9	18.0	18.1	18.1	17.9	18.0	18.0	17.7	17.7	17.7	17.6	17.5	
Idaho .....	77.2	76.9	76.6	76.2	75.8	75.3	75.0	74.5	74.0	73.2	72.6	71.9	71.7	
Illinois .....	928.6	923.6	916.7	910.4	905.7	904.0	900.4	897.6	895.3	892.6	893.1	889.4	887.2	
Indiana .....	659.4	655.3	652.1	647.9	642.9	641.1	636.7	634.1	630.5	626.6	623.4	619.4	618.2	
Iowa .....	257.7	256.5	254.8	253.5	252.0	250.2	249.0	248.1	245.8	247.4	247.0	245.6	245.0	
Kansas .....	207.0	206.6	206.7	205.9	204.8	205.6	205.2	205.3	204.9	204.1	203.8	199.8	200.0	
Kentucky .....	315.9	313.3	311.4	309.9	307.3	304.3	304.2	303.8	299.5	301.6	300.6	301.2	300.0	
Louisiana .....	183.8	183.5	183.4	183.0	182.2	182.2	181.0	180.6	180.8	179.7	179.4	176.8	177.8	
Maine .....	83.7	83.4	82.6	82.1	81.4	81.1	80.3	79.6	78.8	78.3	78.0	77.3	76.9	
Maryland .....	180.8	180.4	179.4	178.2	177.6	178.5	177.7	177.1	176.8	176.1	175.4	174.9	174.1	
Massachusetts .....	437.2	434.3	430.1	426.9	423.2	420.2	417.7	416.5	414.1	412.1	409.7	409.1	408.0	
Michigan .....	948.9	942.2	938.0	929.3	927.4	927.4	919.7	916.8	913.0	910.5	911.1	906.9	( <sup>2</sup> )	
Minnesota .....	437.8	435.2	431.8	427.9	420.5	418.5	416.3	414.0	414.7	413.4	412.2	411.2	410.9	
Mississippi .....	220.3	218.2	216.5	214.6	212.3	212.2	211.3	210.6	209.5	209.8	207.5	207.2	207.7	
Missouri .....	392.3	389.7	386.9	384.2	381.3	378.5	373.3	372.2	365.1	367.5	365.6	363.0	361.0	
Montana .....	24.5	24.3	24.0	23.7	23.6	23.8	23.8	23.8	23.6	23.5	23.5	23.6	23.4	
Nebraska .....	118.7	118.2	118.1	118.0	117.2	117.6	117.7	117.0	116.2	115.2	115.0	114.2	113.5	
Nevada .....	46.7	47.0	46.8	46.7	46.9	46.4	46.4	46.1	45.8	45.6	45.7	45.7	45.8	
New Hampshire .....	107.7	106.8	105.6	104.4	103.0	103.4	102.7	101.8	101.6	101.4	100.9	101.0	100.1	
New Jersey .....	461.4	459.0	454.9	454.4	451.5	448.8	447.0	444.7	442.7	438.7	438.0	431.2	431.0	
New Mexico .....	44.0	44.0	43.8	43.4	42.9	43.1	42.4	42.2	42.3	42.0	42.3	42.2	42.2	
New York .....	866.0	862.4	852.7	846.3	842.0	839.2	835.4	831.6	826.1	820.6	816.7	814.9	810.0	
North Carolina .....	759.7	753.2	749.9	740.1	734.4	728.4	723.1	720.2	717.2	712.5	711.1	709.9	708.1	
North Dakota .....	25.2	25.4	25.5	25.4	25.3	25.6	25.4	25.7	25.6	25.6	25.6	25.8	25.7	
Ohio .....	1,053.2	1,047.0	1,038.9	1,031.0	1,023.6	1,023.6	1,016.5	1,012.3	1,010.1	1,007.3	1,004.7	1,004.3	1,006.7	
Oklahoma .....	180.6	179.8	178.9	178.7	178.8	178.7	178.0	177.9	177.0	177.0	176.4	174.0	175.5	
Oregon .....	242.7	241.0	240.4	238.9	237.5	234.4	232.9	232.7	232.2	230.0	228.4	225.2	224.4	
Pennsylvania .....	918.2	914.0	909.1	902.3	893.4	889.0	884.3	879.6	874.0	867.6	864.0	857.9	857.8	
Rhode Island .....	72.2	72.3	71.6	70.8	69.9	69.6	68.3	68.3	67.9	67.8	67.6	67.6	67.1	
South Carolina .....	341.2	339.1	336.8	335.4	332.9	332.1	330.1	327.6	326.7	324.1	320.9	320.0	319.3	
South Dakota .....	47.9	47.5	47.3	46.7	46.5	46.0	45.7	45.3	44.9	43.9	43.6	43.4	43.3	
Tennessee .....	491.1	486.9	483.3	479.0	475.1	475.3	474.6	474.4	472.1	469.7	468.4	468.6	468.9	
Texas .....	1,085.0	1,082.0	1,075.2	1,069.2	1,063.0	1,053.6	1,047.9	1,040.8	1,033.5	1,028.8	1,025.0	1,022.8	1,017.2	
Utah .....	130.1	129.6	128.0	127.6	126.8	126.9	126.1	125.5	124.9	123.8	123.0	122.2	121.9	
Vermont .....	49.2	48.9	48.5	48.1	47.8	47.6	47.2	47.0	46.7	46.5	46.1	45.6	44.9	
Virginia .....	383.9	381.7	377.2	373.9	371.5	368.5	368.0	365.3	361.8	362.4	361.1	360.6	360.3	
Washington .....	347.8	346.0	343.9	342.3	340.2	339.0	337.7	336.0	330.9	327.7	320.9	318.4	316.4	
West Virginia .....	79.7	79.1	78.8	78.2	77.6	76.9	76.5	75.7	75.3	75.6	75.5	74.9	74.2	
Wisconsin .....	601.9	598.8	595.9	591.4	584.7	581.8	582.1	582.2	579.8	577.1	575.8	570.7	570.0	
Wyoming .....	11.5	11.3	11.4	11.2	11.0	11.0	11.0	11.0	11.1	11.2	11.1	11.0	11.1	

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	2001											2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>
Transportation and public utilities													
Alabama .....	96.9	97.4	96.7	96.5	96.0	95.7	95.7	95.0	95.8	95.6	95.5	93.5	93.2
Alaska .....	28.0	28.1	28.1	28.0	27.9	28.1	28.0	28.0	28.1	28.1	28.1	28.0	28.2
Arizona .....	113.1	112.9	112.6	112.3	112.3	111.8	111.4	111.0	109.6	108.8	108.3	108.0	107.6
Arkansas .....	72.0	72.2	72.4	72.5	72.3	72.1	72.2	72.2	72.4	72.7	72.6	74.9	76.0
California .....	755.6	755.5	757.8	757.1	754.8	751.2	750.9	749.9	745.0	736.5	734.6	733.0	731.0
Colorado .....	146.7	146.5	146.1	145.8	145.6	144.8	143.9	143.2	141.1	138.7	136.2	138.2	137.9
Connecticut .....	79.6	79.3	79.3	79.5	79.5	77.7	77.3	78.8	77.2	77.2	77.3	76.6	76.4
Delaware .....	17.4	17.6	17.8	17.5	17.6	17.3	17.1	17.0	17.0	16.9	16.8	16.8	17.0
District of Columbia .....	18.0	17.9	17.7	17.7	17.6	17.6	17.6	17.6	17.6	17.4	18.3	17.9	18.1
Florida .....	370.6	371.4	370.0	370.1	369.8	366.2	365.9	365.8	364.5	358.1	352.8	355.3	355.9
Georgia .....	269.4	269.6	269.9	269.9	270.2	268.0	266.5	264.6	261.8	257.6	255.4	252.6	250.5
Hawaii .....	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )	( <sup>4</sup> )
Idaho .....	28.3	28.3	28.3	28.2	28.3	28.0	27.9	27.9	27.8	27.9	27.8	27.6	27.5
Illinois .....	358.1	358.3	358.2	358.7	359.0	356.0	355.7	355.2	353.8	352.4	349.7	347.8	345.3
Indiana .....	149.5	149.5	149.9	149.7	149.7	148.6	148.2	147.7	145.8	145.8	145.1	146.3	144.0
Iowa .....	72.0	71.7	71.3	71.4	71.6	71.5	71.7	71.6	71.4	71.5	71.5	71.8	71.8
Kansas .....	88.6	88.7	89.2	89.8	90.2	89.6	90.1	90.4	90.3	90.0	89.9	89.7	89.4
Kentucky .....	109.4	109.1	108.7	108.1	108.0	108.1	107.9	107.7	107.4	107.3	107.2	106.5	106.4
Louisiana .....	117.4	117.5	118.0	118.1	117.9	117.8	117.6	117.6	117.7	117.7	117.6	118.4	117.8
Maine .....	24.8	24.8	24.7	24.6	24.7	24.8	24.8	24.5	24.5	24.5	24.4	24.7	24.5
Maryland .....	119.5	119.7	118.7	118.7	118.5	116.6	116.4	116.0	116.4	116.3	116.8	115.3	115.6
Massachusetts .....	146.9	146.9	147.0	146.9	147.1	145.4	145.1	143.4	141.9	140.3	139.7	139.6	139.7
Michigan .....	182.5	181.8	181.3	181.2	181.3	181.7	181.1	180.9	180.5	180.2	179.6	178.2	( <sup>2</sup> )
Minnesota .....	136.3	136.4	136.4	136.2	135.9	135.1	134.6	133.9	128.8	129.3	128.0	128.4	127.6
Mississippi .....	57.5	57.4	57.2	57.1	56.9	56.8	56.7	56.6	56.5	56.8	57.0	56.9	56.5
Missouri .....	178.7	178.5	176.8	176.0	174.9	175.2	174.3	174.1	173.1	173.1	172.2	171.0	169.6
Montana .....	21.8	21.9	22.0	22.0	21.9	21.9	21.6	21.5	21.6	21.6	21.6	21.8	21.7
Nebraska .....	58.1	58.1	58.2	58.1	57.6	58.0	57.7	57.7	57.6	57.4	57.4	57.4	56.8
Nevada .....	58.5	58.7	59.0	59.4	58.6	58.0	57.7	57.3	56.6	56.4	56.5	56.4	56.7
New Hampshire .....	21.9	21.9	21.8	22.0	21.9	21.3	21.2	21.3	21.2	21.3	21.1	21.2	21.2
New Jersey .....	273.4	273.4	273.5	273.5	272.9	271.4	268.0	267.6	267.7	265.3	265.4	265.7	265.3
New Mexico .....	37.4	37.5	37.0	37.0	36.9	37.5	37.6	37.6	37.3	37.0	36.8	36.8	37.1
New York .....	441.8	441.9	436.0	440.3	438.7	437.8	436.3	434.4	429.4	429.1	427.6	428.6	428.0
North Carolina .....	185.0	184.4	184.9	185.0	184.8	183.8	183.0	181.9	182.8	182.3	182.0	183.1	182.2
North Dakota .....	19.1	19.1	19.1	19.1	19.2	19.0	19.1	19.1	19.1	19.1	19.1	19.1	18.8
Ohio .....	253.3	252.9	252.0	251.4	250.6	249.5	248.7	247.9	247.4	247.1	246.7	247.7	247.5
Oklahoma .....	86.9	86.5	86.2	85.9	85.5	84.9	84.8	84.8	84.5	84.5	84.4	84.0	84.2
Oregon .....	80.6	80.3	79.5	79.7	79.2	79.6	79.2	78.8	78.6	78.3	78.0	78.6	79.0
Pennsylvania .....	305.9	306.0	306.8	306.6	306.4	304.1	303.1	302.0	300.0	298.5	297.0	296.5	294.6
Rhode Island .....	17.3	17.3	17.4	17.3	17.2	16.8	17.0	17.1	17.0	17.0	17.0	17.3	17.0
South Carolina .....	95.6	95.7	96.0	96.0	95.9	95.8	95.7	95.6	95.8	95.8	96.0	96.3	96.0
South Dakota .....	17.2	17.3	17.2	17.2	17.2	17.2	17.2	17.2	17.5	17.2	17.0	16.8	16.7
Tennessee .....	180.5	180.5	179.7	180.2	179.8	179.2	179.9	179.7	179.3	179.9	180.3	176.9	174.8
Texas .....	601.6	602.0	602.2	601.4	599.8	597.9	596.6	596.5	587.4	582.4	575.2	577.4	576.6
Utah .....	61.4	61.3	61.0	61.0	60.6	60.6	60.6	60.6	59.7	59.2	58.4	60.0	59.8
Vermont .....	12.4	12.3	12.2	12.3	12.2	12.2	12.2	12.1	12.2	12.2	12.2	12.3	12.0
Virginia .....	192.2	192.5	191.3	190.8	189.8	188.7	188.1	187.6	183.2	181.1	179.6	178.9	178.8
Washington .....	148.7	148.6	148.4	148.5	148.2	147.5	148.6	144.9	144.1	142.3	141.0	141.8	140.7
West Virginia .....	37.3	37.1	37.2	37.1	37.1	36.9	36.9	36.7	36.8	36.8	36.8	37.0	36.8
Wisconsin .....	135.3	135.2	134.9	135.0	134.8	133.6	133.7	132.7	132.2	132.3	132.1	132.3	132.2
Wyoming .....	14.2	14.1	14.1	14.1	14.1	14.1	14.2	14.2	14.1	14.1	14.1	14.4	14.1

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	2001											2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>
	Trade												
Alabama .....	442.5	441.9	442.2	441.5	440.2	441.2	440.7	440.4	438.8	436.2	433.4	434.4	436.0
Alaska .....	57.8	57.7	57.8	57.9	58.1	58.2	58.3	58.4	58.8	58.8	58.8	59.0	59.2
Arizona .....	533.5	533.4	533.1	532.2	531.4	531.2	532.6	534.0	534.7	535.3	535.3	533.6	535.6
Arkansas .....	267.5	267.6	267.5	267.5	267.3	267.0	266.7	266.6	265.4	265.1	263.9	264.7	265.9
California .....	3,334.2	3,340.0	3,337.4	3,334.0	3,334.2	3,334.7	3,338.8	3,342.7	3,346.8	3,338.0	3,336.5	3,343.8	3,349.7
Colorado .....	530.4	530.2	529.9	530.2	530.2	528.7	527.4	526.9	527.9	529.0	528.0	528.1	528.6
Connecticut .....	358.5	357.7	357.8	358.5	358.7	360.0	358.9	358.2	356.5	356.5	356.3	359.1	360.5
Delaware .....	91.5	91.6	91.0	91.1	90.9	91.0	91.2	90.4	91.3	91.2	91.5	91.0	91.2
District of Columbia .....	51.7	52.0	51.3	51.3	51.1	51.8	52.5	52.0	51.2	51.2	50.8	49.6	49.6
Florida .....	1,783.4	1,788.0	1,789.5	1,793.9	1,789.5	1,783.2	1,782.6	1,782.9	1,779.6	1,770.6	1,761.9	1,777.3	1,771.9
Georgia .....	973.3	973.1	974.9	971.7	970.1	964.5	963.9	965.4	963.6	957.0	946.8	948.9	946.1
Hawaii .....	138.0	138.1	137.9	137.7	137.8	137.3	136.7	136.0	134.2	132.2	132.4	132.6	132.6
Idaho .....	142.2	142.2	142.1	142.1	142.0	141.0	141.2	140.8	140.3	139.7	139.4	139.3	140.3
Illinois .....	1,362.3	1,362.5	1,364.3	1,361.1	1,362.3	1,359.1	1,356.4	1,351.7	1,348.6	1,343.2	1,338.8	1,349.7	1,344.2
Indiana .....	699.4	698.1	696.4	693.9	693.1	697.6	696.5	695.4	693.4	689.7	687.8	689.8	688.5
Iowa .....	354.0	352.9	353.0	352.6	351.8	350.7	351.4	351.2	349.0	348.8	348.0	349.4	348.5
Kansas .....	318.9	318.9	318.0	317.8	316.8	316.4	317.4	317.2	315.6	316.6	316.9	316.6	315.9
Kentucky .....	428.1	425.8	423.8	421.7	420.7	421.2	422.6	424.3	424.4	423.8	422.8	428.8	430.7
Louisiana .....	449.1	449.1	450.1	449.1	447.9	450.6	451.3	451.6	451.5	450.7	449.4	447.1	445.4
Maine .....	150.7	150.7	151.2	151.4	151.4	151.9	151.5	151.3	151.1	151.0	150.7	151.3	151.3
Maryland .....	556.2	555.5	552.4	554.3	555.0	554.8	555.0	554.5	553.9	552.6	551.9	552.1	551.7
Massachusetts .....	742.6	741.8	740.8	740.4	740.7	741.0	740.2	739.2	735.6	736.5	735.4	735.7	736.5
Michigan .....	1,083.8	1,080.6	1,077.6	1,074.9	1,073.3	1,069.2	1,070.6	1,070.0	1,069.7	1,066.5	1,059.5	1,059.1	( <sup>2</sup> )
Minnesota .....	637.8	637.7	635.5	634.9	634.3	633.1	633.0	631.2	629.6	629.1	627.0	630.4	630.3
Mississippi .....	254.6	254.3	253.6	253.2	252.0	253.9	253.0	252.6	251.5	251.9	250.3	250.4	252.2
Missouri .....	646.5	645.3	645.6	644.0	644.8	645.9	643.7	645.9	642.3	640.0	631.9	642.1	645.8
Montana .....	102.7	102.9	102.8	102.5	102.3	102.6	102.4	101.6	101.0	101.3	101.4	102.8	102.8
Nebraska .....	213.4	213.6	213.7	213.6	212.4	214.4	213.3	213.1	212.2	211.7	211.3	214.5	213.7
Nevada .....	219.4	220.1	220.9	220.8	221.7	221.6	222.2	222.2	222.0	221.7	221.9	223.7	224.5
New Hampshire .....	165.0	164.2	164.7	165.4	165.4	165.4	165.0	165.2	164.7	164.6	164.8	166.1	166.3
New Jersey .....	929.3	927.9	930.3	929.8	931.4	927.9	926.8	922.7	921.1	923.8	923.7	930.0	929.3
New Mexico .....	173.9	174.2	174.8	174.6	174.1	173.5	173.8	172.7	172.9	172.9	172.7	174.2	174.0
New York .....	1,740.2	1,739.9	1,737.1	1,738.5	1,737.9	1,733.8	1,733.9	1,732.6	1,726.2	1,723.8	1,724.2	1,718.0	1,720.7
North Carolina .....	894.6	891.6	891.9	889.9	887.7	889.0	893.3	888.9	886.6	886.5	886.9	887.5	888.4
North Dakota .....	81.5	81.5	82.0	82.5	82.1	81.7	81.7	81.5	81.7	81.7	81.8	82.1	81.7
Ohio .....	1,337.3	1,336.3	1,333.5	1,332.3	1,330.6	1,329.1	1,328.3	1,327.2	1,327.3	1,326.2	1,325.9	1,325.1	1,321.1
Oklahoma .....	342.1	342.7	344.6	343.4	343.3	343.2	343.2	342.9	343.4	344.5	344.9	344.1	342.9
Oregon .....	393.5	393.5	392.2	391.3	390.4	389.7	389.7	389.6	389.3	388.3	387.9	387.8	387.0
Pennsylvania .....	1,274.0	1,275.7	1,274.4	1,275.3	1,276.8	1,273.4	1,271.1	1,268.8	1,265.9	1,267.6	1,271.5	1,265.1	1,263.4
Rhode Island .....	108.0	108.1	107.9	108.0	108.2	107.9	107.9	107.7	107.4	107.6	107.7	108.5	109.0
South Carolina .....	432.5	431.3	431.0	430.5	428.9	430.5	430.5	431.5	432.5	435.8	434.2	437.8	438.7
South Dakota .....	93.6	93.7	93.2	93.3	92.7	93.2	93.4	93.2	93.8	94.1	93.9	94.3	95.2
Tennessee .....	641.8	641.8	640.1	638.3	635.1	634.5	634.9	636.5	637.2	637.6	638.3	639.7	638.9
Texas .....	2,271.7	2,276.4	2,277.9	2,277.2	2,274.9	2,274.9	2,274.8	2,269.5	2,252.4	2,247.5	2,240.3	2,249.2	2,254.2
Utah .....	252.3	252.6	252.7	252.5	251.6	250.4	250.0	249.9	249.7	248.2	247.4	249.9	251.1
Vermont .....	68.3	68.1	68.2	68.3	67.9	67.8	67.7	67.6	67.0	67.4	67.2	67.7	67.7
Virginia .....	767.6	768.1	767.9	768.3	767.3	767.8	767.2	766.2	765.2	763.2	758.8	767.2	763.4
Washington .....	641.7	640.7	640.4	637.8	635.5	635.0	634.4	631.8	628.8	627.0	624.4	629.4	628.7
West Virginia .....	163.3	163.2	162.6	162.1	161.6	161.1	160.9	160.1	161.2	161.2	161.7	161.1	162.3
Wisconsin .....	640.5	640.3	640.9	640.5	639.3	641.5	642.3	641.2	641.4	640.9	640.0	642.1	641.2
Wyoming .....	55.3	55.8	55.3	55.4	55.2	54.7	54.8	54.9	55.1	55.1	55.0	54.9	55.5

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	2001												2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	
	Finance, insurance, and real estate													
Alabama .....	92.0	92.2	92.3	92.5	92.6	92.5	92.5	92.4	92.3	92.1	92.0	92.3	92.2	
Alaska .....	12.7	12.6	12.7	12.8	12.8	12.6	12.7	12.7	12.7	12.9	12.9	12.7	12.8	
Arizona .....	148.9	149.9	150.3	150.6	150.5	151.1	151.0	151.1	151.3	151.4	151.3	151.2	151.0	
Arkansas .....	46.0	46.0	46.1	46.1	46.2	46.2	46.2	46.1	46.1	46.1	46.2	46.5	46.6	
California .....	833.5	836.4	838.6	840.4	842.5	845.1	846.3	847.5	848.8	850.7	851.0	850.6	848.8	
Colorado .....	144.0	144.4	144.7	144.8	144.9	144.8	144.4	144.1	144.4	143.2	142.4	143.1	142.4	
Connecticut .....	142.7	142.7	142.5	142.5	142.3	142.6	142.8	142.6	142.4	142.2	142.1	142.7	142.6	
Delaware .....	51.5	51.8	51.9	52.2	52.0	52.2	52.0	51.6	52.1	52.1	52.0	51.8	52.2	
District of Columbia .....	31.4	31.8	32.5	32.7	32.7	33.1	33.0	33.2	33.2	33.2	33.4	32.3	32.5	
Florida .....	453.6	455.1	457.5	458.7	459.5	459.4	460.4	459.9	460.1	459.5	457.5	457.4	457.3	
Georgia .....	205.5	206.3	210.8	209.3	209.3	207.1	206.8	206.9	207.5	206.0	206.2	206.4	209.3	
Hawaii .....	32.5	32.6	32.8	32.7	32.8	32.8	32.8	32.7	32.9	32.9	32.8	33.0	32.9	
Idaho .....	23.6	23.8	24.0	24.0	24.0	24.4	24.7	24.6	24.5	24.6	24.7	24.7	24.6	
Illinois .....	401.4	402.3	404.4	404.8	405.0	404.5	404.3	404.7	404.8	405.3	404.6	402.6	402.1	
Indiana .....	140.0	140.2	140.4	140.3	140.4	140.8	140.5	140.3	140.4	140.3	140.5	141.0	141.2	
Iowa .....	87.2	87.5	87.6	87.9	88.2	88.7	88.6	89.0	89.3	89.5	89.6	90.2	90.5	
Kansas .....	65.3	65.4	65.6	65.8	66.1	65.9	66.0	66.3	66.6	66.7	66.9	66.7	66.3	
Kentucky .....	75.2	74.9	75.0	75.0	75.2	75.4	75.6	75.9	76.2	76.4	76.5	76.1	75.9	
Louisiana .....	86.3	86.3	86.6	86.5	86.8	86.9	86.9	86.7	86.9	86.7	86.6	87.0	86.8	
Maine .....	33.2	33.3	33.5	33.5	33.5	33.7	33.8	33.8	33.9	33.9	33.9	33.8	33.9	
Maryland .....	142.0	142.2	142.4	142.6	143.2	143.4	143.3	143.2	143.2	143.1	143.2	141.9	141.6	
Massachusetts .....	232.6	233.2	232.9	233.0	233.4	232.8	232.8	232.5	232.5	232.5	232.3	232.3	232.5	
Michigan .....	208.4	208.7	208.9	209.4	209.3	209.6	210.2	210.4	210.4	210.4	210.6	209.3	( <sup>2</sup> )	
Minnesota .....	166.5	167.0	167.1	167.4	167.8	166.9	166.5	165.8	165.4	165.1	165.1	165.7	165.9	
Mississippi .....	42.8	42.8	43.0	43.1	43.0	43.3	43.6	43.6	43.6	43.7	43.7	43.4	42.4	
Missouri .....	170.4	170.8	171.1	171.9	171.2	170.4	171.0	171.1	171.4	170.6	170.5	171.2	170.9	
Montana .....	17.5	17.7	17.7	17.8	17.8	18.0	18.0	18.1	18.1	18.1	18.2	18.3	18.4	
Nebraska .....	62.2	62.1	62.2	62.2	62.1	62.4	62.4	62.4	62.4	62.4	62.3	63.1	63.0	
Nevada .....	48.7	49.1	49.1	49.1	49.3	49.6	50.1	50.2	50.2	50.1	50.1	50.3	50.4	
New Hampshire .....	33.5	33.7	33.8	33.8	33.8	33.9	33.9	33.8	33.8	33.8	33.7	33.9	34.0	
New Jersey .....	267.7	267.9	268.2	268.6	269.0	268.6	268.8	270.6	282.1	279.9	279.3	276.4	276.4	
New Mexico .....	32.7	32.8	32.7	32.7	32.7	32.6	32.5	32.5	32.5	32.7	32.7	32.7	32.8	
New York .....	748.0	749.2	747.6	747.3	746.2	745.8	744.9	744.5	722.0	724.7	722.0	721.1	715.3	
North Carolina .....	189.5	189.8	189.1	189.2	189.1	189.1	189.6	190.0	190.3	190.3	190.1	189.1	188.1	
North Dakota .....	17.0	17.1	17.2	17.1	17.3	17.2	17.3	17.2	17.2	17.2	17.3	17.4	17.3	
Ohio .....	310.8	311.4	311.7	312.3	313.2	313.6	313.9	313.9	313.8	313.3	313.0	313.8	313.2	
Oklahoma .....	74.1	74.2	74.1	74.2	74.2	74.4	74.8	75.0	75.1	75.2	75.4	75.2	75.8	
Oregon .....	94.4	94.7	94.6	94.6	94.5	95.0	95.2	95.4	95.6	95.7	95.2	96.1	95.9	
Pennsylvania .....	328.9	329.4	328.8	328.8	328.2	327.7	327.4	328.2	328.7	329.1	329.5	328.6	329.0	
Rhode Island .....	32.5	32.5	32.3	32.2	32.4	32.4	32.4	32.4	32.5	32.7	32.9	33.4	33.5	
South Carolina .....	82.5	82.7	83.3	83.3	83.3	84.2	84.3	84.4	84.9	84.3	84.4	85.2	85.1	
South Dakota .....	27.4	27.5	27.7	27.9	27.9	28.1	28.2	28.3	28.0	28.0	28.0	28.0	28.0	
Tennessee .....	131.5	131.7	132.0	132.0	132.3	132.7	132.7	132.6	133.0	133.0	133.1	133.9	133.3	
Texas .....	531.3	532.4	533.1	534.2	534.3	533.9	534.6	535.2	534.2	533.5	532.0	531.3	531.1	
Utah .....	59.0	59.4	59.5	59.8	60.2	60.2	60.4	60.4	60.1	60.0	60.1	60.3	60.0	
Vermont .....	12.6	12.6	12.7	12.7	12.7	12.7	12.6	12.7	12.8	12.8	12.9	12.9	12.9	
Virginia .....	192.7	193.2	193.0	193.2	193.5	193.8	193.9	194.1	193.4	193.9	194.2	194.3	193.6	
Washington .....	138.9	139.1	139.4	139.8	139.9	141.8	142.1	143.1	143.5	143.9	143.9	144.2	144.7	
West Virginia .....	29.4	29.4	29.4	29.5	29.4	29.4	29.4	29.4	29.8	29.7	29.7	29.8	30.0	
Wisconsin .....	149.1	149.7	148.9	149.7	149.8	150.5	150.6	150.7	151.0	151.0	151.1	151.5	151.7	
Wyoming .....	8.2	8.2	8.3	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.5	8.5	

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	2001												2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	
	Services													
Alabama .....	478.9	479.2	479.9	480.0	480.9	482.2	483.1	483.8	481.9	482.2	481.7	480.1	481.4	
Alaska .....	73.0	72.4	72.2	72.4	72.5	73.3	73.5	73.6	73.3	73.3	73.7	73.5	74.0	
Arizona .....	715.3	716.5	715.4	711.2	710.4	711.9	711.2	709.2	705.5	700.8	699.2	706.5	705.9	
Arkansas .....	279.5	280.2	280.8	280.8	281.0	280.4	280.4	280.3	278.5	278.7	278.4	280.0	279.3	
California .....	4,698.1	4,699.0	4,693.9	4,690.5	4,677.5	4,684.1	4,684.9	4,689.2	4,687.9	4,673.6	4,686.6	4,690.8	4,673.2	
Colorado .....	697.3	696.8	695.5	694.7	693.2	690.6	690.4	686.8	683.2	676.7	673.0	673.7	674.2	
Connecticut .....	540.3	540.3	539.4	540.1	540.5	539.8	539.7	539.1	538.1	538.1	537.9	538.4	538.0	
Delaware .....	123.3	123.7	122.5	122.1	121.7	121.8	122.0	122.4	122.3	122.3	122.0	122.3	121.5	
District of Columbia .....	305.1	304.8	303.7	303.9	302.7	304.8	305.4	305.1	303.6	304.7	305.3	308.1	308.3	
Florida .....	2,674.6	2,679.2	2,681.7	2,687.0	2,690.6	2,680.5	2,687.3	2,691.8	2,695.7	2,695.1	2,695.4	2,689.4	2,693.7	
Georgia .....	1,161.4	1,161.8	1,160.5	1,157.6	1,154.6	1,154.4	1,148.2	1,146.4	1,149.5	1,137.2	1,131.0	1,122.8	1,128.6	
Hawaii .....	186.3	186.8	186.3	186.9	186.7	187.4	187.5	188.1	184.7	183.5	183.5	184.2	183.8	
Idaho .....	148.1	149.2	149.4	150.1	150.2	150.9	152.4	151.8	152.0	152.8	153.2	154.0	154.8	
Illinois .....	1,865.7	1,865.9	1,864.3	1,864.1	1,862.2	1,864.3	1,863.3	1,865.1	1,860.2	1,855.3	1,853.1	1,850.2	1,836.0	
Indiana .....	750.3	750.9	750.9	751.8	751.1	748.2	750.3	755.6	748.6	747.2	747.9	752.2	746.2	
Iowa .....	394.3	394.5	396.0	396.2	395.0	393.0	394.5	394.8	394.8	394.6	394.8	395.2	395.5	
Kansas .....	355.9	357.0	354.5	354.8	355.3	357.9	360.8	360.6	360.6	360.6	362.3	364.4	366.8	
Kentucky .....	483.5	480.5	482.0	481.8	481.5	481.1	482.8	485.7	487.3	488.9	489.6	492.5	490.8	
Louisiana .....	540.8	540.7	541.0	540.6	541.9	544.5	546.5	545.4	545.1	544.9	546.6	547.7	546.7	
Maine .....	185.9	186.7	186.6	186.9	187.2	187.6	187.4	187.2	186.7	187.3	187.3	188.0	187.9	
Maryland .....	858.2	857.9	857.0	859.3	860.1	867.1	868.2	867.8	862.1	862.1	862.3	858.9	857.4	
Massachusetts .....	1,237.7	1,235.8	1,234.2	1,234.0	1,231.7	1,223.8	1,224.0	1,221.5	1,221.0	1,219.7	1,218.0	1,217.2	1,218.0	
Michigan .....	1,307.0	1,307.5	1,301.0	1,300.1	1,300.3	1,304.3	1,299.2	1,297.9	1,294.8	1,294.4	1,293.5	1,296.1	( <sup>2</sup> )	
Minnesota .....	794.0	793.6	793.0	793.3	792.0	788.4	787.2	786.6	787.3	787.1	785.8	791.8	790.3	
Mississippi .....	271.8	271.3	270.7	270.3	268.9	271.6	271.4	271.0	270.3	269.5	269.4	271.0	270.9	
Missouri .....	790.2	790.7	790.3	790.3	789.8	786.1	786.3	785.7	784.1	780.2	777.4	784.6	780.3	
Montana .....	115.3	115.7	116.1	116.0	116.4	115.4	116.0	116.1	116.2	116.6	116.5	117.5	118.0	
Nebraska .....	257.4	258.0	256.9	257.0	257.1	258.9	260.4	261.2	262.0	263.6	263.0	260.0	262.7	
Nevada .....	457.1	457.9	454.8	455.7	455.4	453.7	451.9	448.8	444.3	445.1	447.6	451.4	453.1	
New Hampshire .....	193.4	192.7	191.3	190.6	190.4	191.4	191.8	191.6	190.2	191.0	191.6	194.1	193.9	
New Jersey .....	1,339.1	1,342.0	1,340.2	1,342.3	1,345.3	1,341.1	1,338.6	1,342.2	1,342.6	1,344.2	1,347.3	1,348.7	1,344.5	
New Mexico .....	220.7	222.2	221.7	222.4	222.3	222.8	223.3	223.8	222.7	222.7	223.1	222.7	224.0	
New York .....	3,077.0	3,077.7	3,063.6	3,078.1	3,072.5	3,065.2	3,065.4	3,062.4	3,061.0	3,058.1	3,057.8	3,052.2	3,046.6	
North Carolina .....	1,046.4	1,046.6	1,044.9	1,045.5	1,045.5	1,047.4	1,049.2	1,057.5	1,046.6	1,046.8	1,047.6	1,049.7	1,049.9	
North Dakota .....	94.2	94.2	94.4	94.5	94.8	93.9	94.0	94.1	94.0	94.0	94.2	93.9	94.1	
Ohio .....	1,605.1	1,605.3	1,603.5	1,602.1	1,603.1	1,604.0	1,601.0	1,601.1	1,600.0	1,599.0	1,599.1	1,609.8	1,609.1	
Oklahoma .....	433.6	436.3	437.3	435.7	436.2	437.5	439.4	441.0	438.3	439.8	440.0	436.5	435.5	
Oregon .....	449.8	448.6	447.5	447.5	446.4	444.6	443.8	443.8	443.7	444.4	444.8	443.6	444.6	
Pennsylvania .....	1,900.2	1,900.8	1,902.4	1,907.8	1,912.6	1,923.9	1,920.0	1,916.1	1,904.4	1,901.6	1,900.6	1,906.3	1,910.3	
Rhode Island .....	166.3	166.8	167.5	167.7	168.1	169.9	169.5	169.0	169.5	169.6	169.8	170.1	170.1	
South Carolina .....	455.5	454.8	454.0	453.5	453.0	458.8	459.4	462.9	465.4	462.7	461.7	464.1	464.6	
South Dakota .....	102.2	102.1	101.9	102.4	101.1	101.9	102.0	101.8	101.5	101.5	101.4	101.5	101.8	
Tennessee .....	754.1	753.1	752.6	751.7	751.1	753.9	756.1	759.1	758.0	759.5	760.4	773.4	772.3	
Texas .....	2,761.1	2,760.9	2,757.9	2,761.0	2,755.9	2,747.8	2,750.4	2,741.0	2,737.9	2,737.6	2,741.9	2,745.0	2,750.8	
Utah .....	315.8	316.2	316.1	316.8	315.4	315.8	315.4	314.4	314.0	313.9	314.2	323.9	321.3	
Vermont .....	93.8	93.6	93.2	92.7	92.6	92.3	92.4	92.1	92.9	93.1	93.3	92.4	92.9	
Virginia .....	1,160.7	1,161.8	1,154.5	1,157.0	1,156.3	1,153.7	1,152.1	1,152.1	1,152.2	1,150.2	1,155.2	1,154.2	1,155.3	
Washington .....	781.4	780.0	779.8	779.2	777.3	773.3	770.1	768.4	766.1	765.5	764.5	767.8	766.3	
West Virginia .....	232.2	232.2	232.1	232.6	232.9	234.4	233.4	232.9	230.9	232.6	232.5	234.1	233.7	
Wisconsin .....	775.9	774.6	774.7	774.7	774.3	776.4	777.7	775.3	772.8	775.6	777.4	778.7	780.8	
Wyoming .....	57.5	57.5	57.5	57.8	57.6	57.3	57.8	57.9	57.6	57.9	58.2	59.0	60.0	

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	2001												2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.P	
	Government													
Alabama .....	351.3	350.4	350.1	350.3	350.0	347.4	355.3	356.2	354.1	354.3	354.2	354.2	354.0	
Alaska .....	77.1	77.3	77.7	77.9	78.4	79.2	79.4	79.3	79.0	79.4	79.5	79.3	80.0	
Arizona .....	369.8	371.8	372.0	373.2	375.6	378.6	382.3	372.8	380.6	382.2	381.4	386.3	383.6	
Arkansas .....	192.1	192.3	192.6	192.9	192.9	192.8	192.2	195.0	194.6	195.0	195.4	196.6	196.0	
California .....	2,347.4	2,340.3	2,365.5	2,371.7	2,382.4	2,393.0	2,417.8	2,402.9	2,408.5	2,413.9	2,418.9	2,424.2	2,430.0	
Colorado .....	340.9	340.3	340.8	342.3	344.0	345.2	347.9	346.9	349.4	350.3	351.5	351.9	351.9	
Connecticut .....	242.4	242.0	242.4	243.0	243.4	242.8	244.6	244.6	245.1	245.7	246.3	247.9	246.6	
Delaware .....	57.2	57.1	56.8	57.0	57.1	57.3	57.1	57.4	56.5	56.5	56.7	55.5	56.5	
District of Columbia .....	221.7	221.9	221.9	221.5	222.9	223.9	226.8	222.4	221.9	220.9	220.0	220.5	220.0	
Florida .....	1,009.9	1,012.9	1,016.0	1,020.8	966.2	1,033.3	1,140.3	1,036.0	1,037.2	1,040.0	1,037.1	1,036.7	1,034.0	
Georgia .....	601.7	603.1	603.7	605.4	605.1	603.0	606.4	606.4	607.1	607.8	609.5	609.2	603.8	
Hawaii .....	114.8	114.8	113.9	112.1	114.8	115.2	114.7	116.3	116.3	116.8	116.8	118.2	117.5	
Idaho .....	109.2	109.5	109.6	110.4	109.8	110.5	110.5	111.0	111.9	112.0	112.2	113.0	112.9	
Illinois .....	843.6	844.8	843.0	846.5	844.0	846.0	842.3	840.8	842.1	841.5	843.3	848.8	844.0	
Indiana .....	405.8	408.9	405.2	405.2	405.7	409.5	412.3	410.9	412.2	412.0	412.6	412.0	417.5	
Iowa .....	244.7	244.3	244.6	244.2	244.6	245.6	245.8	247.5	247.6	247.6	247.3	246.5	247.4	
Kansas .....	246.1	246.7	247.0	247.3	246.5	249.6	249.1	252.5	249.8	250.4	250.8	252.2	248.9	
Kentucky .....	309.0	309.2	307.9	309.3	308.8	310.2	311.1	311.2	310.5	311.3	311.6	314.6	313.1	
Louisiana .....	374.8	375.1	375.5	376.4	377.9	376.5	379.2	378.3	379.7	380.1	380.9	379.4	379.6	
Maine .....	100.3	100.0	100.5	100.8	101.3	101.7	102.1	103.3	103.4	103.6	104.0	104.3	104.4	
Maryland .....	448.4	448.5	449.3	450.2	450.2	436.0	448.3	454.9	456.1	458.0	458.5	456.4	458.6	
Massachusetts .....	427.5	427.7	428.3	429.1	427.8	428.3	428.9	431.3	430.2	430.2	430.3	431.3	429.6	
Michigan .....	683.7	684.2	685.4	687.1	686.7	685.7	687.9	688.1	690.5	689.7	691.2	699.9	( 2 )	
Minnesota .....	399.0	399.3	399.2	400.0	400.2	402.7	402.6	405.7	403.0	401.4	402.6	404.0	405.6	
Mississippi .....	236.5	237.0	236.8	237.4	238.5	241.4	241.3	240.5	240.5	240.1	239.6	242.8	241.8	
Missouri .....	426.7	426.7	428.1	428.2	430.8	424.3	431.1	430.0	428.4	428.0	428.9	429.2	425.6	
Montana .....	83.6	83.8	83.7	84.5	85.8	84.6	84.1	84.0	83.2	83.0	83.2	84.4	83.8	
Nebraska .....	154.6	155.2	155.4	156.2	156.5	156.1	156.4	156.6	156.3	157.4	156.8	156.2	156.9	
Nevada .....	125.1	125.4	126.8	126.0	130.5	126.4	128.2	128.2	127.5	127.9	128.1	127.7	128.9	
New Hampshire .....	84.2	84.5	84.3	84.8	84.8	82.5	82.8	83.5	84.0	83.9	84.2	84.5	84.8	
New Jersey .....	597.4	596.9	598.5	600.5	601.6	599.9	602.3	604.3	603.6	604.7	605.0	607.8	608.3	
New Mexico .....	183.4	184.4	184.3	185.0	186.8	185.0	185.8	187.5	188.3	188.2	188.5	190.1	190.6	
New York .....	1,468.5	1,469.5	1,470.7	1,472.3	1,475.2	1,479.8	1,477.7	1,478.8	1,477.4	1,478.6	1,478.4	1,482.2	1,482.3	
North Carolina .....	628.2	630.1	603.9	611.2	609.7	624.4	632.0	628.0	631.8	634.0	633.7	635.6	635.6	
North Dakota .....	73.4	73.3	73.7	73.5	74.2	72.9	73.5	74.5	73.9	73.8	73.7	74.1	73.8	
Ohio .....	789.7	790.4	791.9	789.6	791.0	794.4	794.6	796.9	797.9	797.7	797.6	799.1	801.3	
Oklahoma .....	293.0	294.0	294.1	295.2	294.6	294.3	294.0	295.7	297.1	299.4	298.6	300.0	300.7	
Oregon .....	268.4	269.0	269.0	269.9	269.6	268.1	271.2	270.6	270.4	270.2	269.5	270.4	270.2	
Pennsylvania .....	725.4	725.0	726.4	726.8	727.8	732.3	732.2	733.0	735.0	735.9	733.3	733.4	735.9	
Rhode Island .....	64.6	64.6	64.3	64.5	65.1	64.7	65.0	64.8	64.6	64.6	64.6	64.8	64.8	
South Carolina .....	321.5	321.3	321.9	321.9	321.0	318.2	319.8	319.4	319.4	319.0	317.8	314.0	314.1	
South Dakota .....	72.5	72.6	72.7	73.1	73.5	73.9	74.1	73.7	73.6	73.1	73.1	73.2	73.0	
Tennessee .....	401.1	401.4	402.4	402.4	404.8	406.1	407.7	397.8	401.6	402.2	402.1	402.6	404.4	
Texas .....	1,570.3	1,573.6	1,575.4	1,578.5	1,582.4	1,583.0	1,586.6	1,590.3	1,596.2	1,598.1	1,601.7	1,605.4	1,609.8	
Utah .....	187.7	188.3	188.3	189.4	190.3	191.1	191.3	191.9	190.8	191.4	192.1	193.5	192.6	
Vermont .....	49.6	49.4	49.5	49.6	50.1	50.2	50.3	50.4	50.7	50.3	50.3	51.0	50.4	
Virginia .....	628.4	628.9	628.3	629.0	630.3	630.9	631.0	632.3	631.7	632.7	632.5	636.0	629.3	
Washington .....	498.3	499.7	502.1	503.7	504.7	506.7	507.3	507.5	510.6	510.1	511.3	514.6	516.1	
West Virginia .....	141.6	141.4	141.7	141.5	141.6	136.8	142.5	141.7	140.6	141.1	141.1	139.2	140.5	
Wisconsin .....	410.7	412.2	412.9	414.7	415.4	413.4	414.6	416.1	417.2	416.0	417.9	414.6	413.0	
Wyoming .....	61.0	61.1	61.1	61.2	61.5	62.0	61.9	61.8	61.7	61.6	61.8	61.2	61.5	

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

<sup>2</sup> Not available.

<sup>3</sup> Mining is combined with construction.

<sup>4</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.

P = preliminary.

NOTE: All State data currently reflect March 2001 benchmarks levels. When more recent benchmark data are introduced with the release of January 2003 estimates, all seasonally adjusted data from January 1998 are subject to revision.

**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	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	Mar. <sup>P</sup>
<b>Total private</b> .....	34.3	34.2	34.2	34.2	34.2	34.0	34.1	34.0	34.1	34.1	34.1	34.2	34.2
<b>Goods-producing</b> .....	40.5	40.6	40.5	40.4	40.5	40.3	40.2	40.0	40.0	40.1	40.4	40.4	40.5
<b>Mining</b> .....	43.8	44.0	43.9	43.3	43.3	43.4	43.5	43.1	43.2	43.3	43.0	43.3	43.4
<b>Construction</b> .....	39.1	39.3	39.7	39.4	39.4	39.2	39.1	38.7	39.2	38.8	39.8	39.6	39.1
<b>Manufacturing</b> .....	41.0	41.0	40.7	40.7	40.8	40.7	40.6	40.5	40.3	40.6	40.6	40.7	41.1
<i>Overtime hours</i> .....	4.1	3.9	3.9	3.9	4.0	4.1	3.9	3.8	3.7	3.8	3.9	3.9	4.2
<b>Durable goods</b> .....	41.3	41.3	41.0	40.9	41.2	41.1	40.9	40.7	40.4	40.8	40.9	41.0	41.4
<i>Overtime hours</i> .....	4.0	3.9	3.9	3.9	4.0	4.1	3.8	3.7	3.6	3.8	3.9	3.9	4.2
Lumber and wood products .....	40.3	40.1	40.6	40.4	41.1	40.9	41.1	40.6	40.5	40.8	40.1	40.7	40.9
Furniture and fixtures .....	39.1	39.3	38.6	38.4	39.7	39.7	38.8	38.3	38.4	38.8	40.0	40.6	40.7
Stone, clay, and glass products .....	43.7	43.2	43.9	44.0	44.0	43.9	44.0	43.9	43.8	43.5	44.3	44.6	44.4
Primary metal industries .....	43.4	44.3	43.5	43.9	44.1	43.7	43.7	43.2	42.6	43.8	43.5	43.5	44.5
Blast furnaces and basic steel products .....	44.4	45.4	44.6	45.1	44.7	44.6	45.5	44.0	43.3	43.8	43.8	44.1	44.9
Fabricated metal products .....	41.9	42.0	41.4	41.2	41.6	41.5	41.2	41.0	40.7	41.2	41.3	41.6	41.9
Industrial machinery and equipment .....	41.2	41.3	40.7	40.4	40.8	40.2	40.3	40.4	39.9	40.2	40.2	39.9	40.5
Electronic and other electrical equipment .....	40.1	39.8	39.1	39.3	38.9	39.1	39.1	39.0	38.8	39.3	38.5	38.7	39.4
Transportation equipment .....	42.0	42.4	42.4	41.9	42.2	42.8	41.5	41.3	41.3	41.7	42.7	42.3	42.6
Motor vehicles and equipment .....	42.3	43.3	43.6	43.0	43.0	44.6	42.3	41.9	42.2	43.0	44.3	43.6	44.3
Instruments and related products .....	41.0	41.0	41.0	40.8	40.8	40.4	41.1	40.7	40.3	40.5	40.3	40.0	40.6
Miscellaneous manufacturing .....	38.2	38.2	37.9	38.4	38.4	38.2	37.6	37.5	37.1	37.7	37.5	38.0	38.4
<b>Nondurable goods</b> .....	40.5	40.5	40.3	40.4	40.3	40.1	40.2	40.2	40.0	40.2	40.1	40.2	40.5
<i>Overtime hours</i> .....	4.1	3.9	4.0	3.9	4.0	4.1	4.1	4.1	3.9	4.0	4.0	4.0	4.2
Food and kindred products .....	41.2	41.3	41.1	41.2	40.9	41.1	41.0	41.1	40.8	40.8	41.0	40.8	41.2
Tobacco products .....	40.0	41.1	39.1	40.4	40.5	39.9	40.0	40.2	39.8	40.6	41.5	41.4	40.6
Textile mill products .....	40.5	40.3	40.3	40.4	39.7	39.8	39.8	39.7	39.5	40.0	39.9	41.0	41.8
Apparel and other textile products .....	37.5	38.0	37.8	37.5	37.7	36.9	36.9	36.8	36.9	37.4	37.0	37.1	38.4
Paper and allied products .....	41.8	42.0	41.6	41.7	41.9	41.2	41.6	41.5	41.3	41.5	41.2	41.5	41.8
Printing and publishing .....	38.6	38.2	38.0	38.0	38.2	38.0	38.1	38.0	37.8	37.8	37.5	37.6	37.7
Chemicals and allied products .....	42.3	42.6	42.4	42.2	42.7	42.1	42.2	42.3	42.1	41.8	42.0	41.6	41.9
Petroleum and coal products .....	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)	(2)
Rubber and misc. plastics products .....	41.0	40.8	40.6	40.7	40.6	40.5	40.8	40.5	40.7	41.2	40.9	41.1	41.1
Leather and leather products .....	36.1	36.6	35.9	36.2	35.7	36.4	36.3	36.0	36.6	37.4	37.9	37.6	37.9
<b>Service-producing</b> .....	32.8	32.7	32.7	32.8	32.6	32.6	32.6	32.6	32.6	32.7	32.6	32.7	32.7
<b>Transportation and public utilities</b> .....	38.3	38.1	38.1	38.1	37.8	37.8	37.6	37.8	37.8	38.0	37.8	37.6	37.9
<b>Wholesale trade</b> .....	38.3	38.2	38.2	38.3	38.2	38.3	38.3	38.1	38.2	38.3	38.2	38.4	38.4
<b>Retail trade</b> .....	28.8	28.8	28.8	28.7	28.6	28.6	28.7	28.7	28.8	28.9	28.8	29.1	29.0
<b>Finance, insurance, and real estate</b> .....	36.3	36.3	36.2	36.5	36.2	36.2	36.2	36.0	36.2	36.1	36.1	36.3	36.4
<b>Services</b> .....	32.8	32.6	32.7	32.8	32.7	32.5	32.6	32.5	32.6	32.7	32.5	32.6	32.6

<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 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 2000 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1997 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	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	Mar. <sup>P</sup>
<b>Total private</b> .....	152.0	151.5	151.5	151.2	150.8	150.1	149.9	148.9	148.7	148.8	148.4	148.7	148.8
<b>Goods-producing</b> .....	114.1	113.5	112.8	111.5	111.5	110.3	109.5	108.3	107.5	107.1	107.0	106.5	106.7
<b>Mining</b> .....	54.5	55.0	55.4	55.0	55.1	55.3	55.1	54.8	54.8	54.3	53.4	53.0	52.4
<b>Construction</b> .....	191.0	190.0	192.5	190.1	190.3	188.5	188.0	185.5	187.9	185.8	188.6	186.0	184.1
<b>Manufacturing</b> .....	101.2	100.7	99.1	98.1	98.0	96.8	95.9	94.9	93.4	93.3	92.7	92.6	93.3
<b>Durable goods</b> .....	105.9	105.4	103.6	102.2	102.1	100.8	99.4	97.9	96.0	96.1	95.3	95.2	96.0
Lumber and wood products .....	137.7	137.2	138.2	137.6	139.5	138.0	138.6	136.1	135.1	135.5	133.2	135.8	136.9
Furniture and fixtures .....	133.7	133.1	129.5	127.1	130.1	127.6	123.2	119.5	118.3	119.8	122.6	125.4	125.7
Stone, clay, and glass products .....	119.7	118.3	119.4	118.9	118.9	117.0	117.8	117.0	116.0	114.4	115.2	115.7	115.7
Primary metal industries .....	86.2	87.0	84.4	84.4	83.4	82.3	81.7	79.9	76.5	78.0	75.5	75.0	77.3
Blast furnaces and basic steel products .....	66.6	67.6	65.6	65.6	64.2	64.1	65.3	63.2	60.6	60.5	57.4	57.4	58.4
Fabricated metal products .....	117.1	116.9	114.0	112.5	113.7	112.6	111.1	109.7	107.4	108.1	107.5	108.5	109.0
Industrial machinery and equipment .....	97.0	96.3	94.0	92.0	91.5	88.9	88.2	87.5	85.1	84.4	83.3	82.0	82.9
Electronic and other electrical equipment .....	103.4	100.9	97.4	95.9	92.4	90.9	89.6	87.9	85.5	85.1	82.4	81.2	82.3
Transportation equipment .....	113.1	113.8	112.8	110.0	111.2	112.6	108.0	105.9	105.4	105.3	106.4	105.7	105.7
Motor vehicles and equipment .....	146.0	149.0	147.7	143.2	145.1	149.6	139.9	135.3	136.5	137.8	139.8	139.7	142.4
Instruments and related products .....	75.2	74.7	74.2	73.6	73.8	72.4	72.9	71.9	70.5	70.5	69.8	68.9	69.3
Miscellaneous manufacturing .....	95.3	95.3	93.8	95.0	94.3	90.6	90.2	89.6	87.3	89.1	88.6	89.4	91.4
<b>Nondurable goods</b> .....	94.7	94.1	93.0	92.5	92.4	91.3	91.0	90.8	89.8	89.5	89.2	89.0	89.7
Food and kindred products .....	115.9	116.0	114.8	115.3	114.0	114.5	113.7	115.5	114.5	113.6	114.3	113.9	114.7
Tobacco products .....	45.6	46.8	46.5	48.0	48.1	51.4	47.5	47.8	47.3	46.3	49.3	49.2	50.3
Textile mill products .....	69.5	68.5	67.1	66.3	65.3	64.7	63.7	62.8	61.4	61.2	60.2	62.2	63.0
Apparel and other textile products .....	50.4	50.1	49.5	48.0	48.6	45.9	45.7	44.9	44.1	44.5	44.4	43.9	45.4
Paper and allied products .....	99.4	99.7	98.4	97.8	97.8	95.8	96.7	96.5	96.2	95.9	95.2	95.7	96.6
Printing and publishing .....	119.2	116.5	115.4	114.6	114.7	113.7	113.4	112.5	110.7	109.9	108.1	107.4	107.0
Chemicals and allied products .....	98.9	98.7	98.1	97.4	99.1	97.0	96.9	96.8	96.2	95.0	95.1	94.0	94.3
Petroleum and coal products .....	69.5	72.9	70.1	71.6	71.8	73.3	73.4	71.6	71.7	71.4	71.1	69.7	69.6
Rubber and misc. plastics products .....	140.4	138.4	137.0	136.4	136.4	134.3	134.5	132.6	131.8	132.9	131.7	132.0	132.5
Leather and leather products .....	28.8	28.1	27.0	26.7	25.8	26.3	25.7	24.9	24.7	24.7	25.0	24.8	25.0
<b>Service-producing</b> .....	169.1	168.5	168.9	169.0	168.4	168.0	168.1	167.1	167.1	167.5	166.9	167.7	167.8
<b>Transportation and public utilities</b> .....	139.9	139.4	139.4	139.2	138.3	137.8	136.7	136.3	135.0	135.0	134.3	133.5	134.2
<b>Wholesale trade</b> .....	132.0	131.4	131.0	131.2	130.6	131.0	130.6	129.7	129.3	129.8	129.6	130.2	130.0
<b>Retail trade</b> .....	146.0	146.7	146.5	146.0	145.7	145.6	145.7	144.8	145.3	145.5	145.4	147.0	146.3
<b>Finance, insurance, and real estate</b> .....	140.0	140.2	140.2	140.9	139.6	139.6	140.0	139.3	140.2	139.6	139.6	139.9	140.1
<b>Services</b> .....	213.4	211.8	212.9	213.4	212.8	212.0	212.4	211.1	211.1	211.8	210.8	211.6	212.0

<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>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2000 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1997 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		
	Jan. 2002 <sup>r</sup>	Feb. 2002 <sup>r</sup>	March 2002 <sup>p</sup>	March 2001 To March 2002 <sup>p</sup>	Jan. 2002 To Feb. 2002 <sup>r</sup>	Feb. 2002 To March 2002 <sup>p</sup>
Total .....	238,043	237,649	238,136	-1.3	-0.2	0.2
Private sector .....	198,113	198,507	198,576	-2.0	.2	.0
Mining .....	1,257	1,255	1,251	-1.4	-.1	-.3
Construction .....	14,046	14,038	13,785	-2.2	-.1	-1.8
Manufacturing .....	35,978	35,904	36,053	-6.9	-.2	.4
Durable goods .....	21,500	21,462	21,540	-8.5	-.2	.4
Nondurable goods .....	14,479	14,442	14,513	-4.6	-.3	.5
Transportation and public utilities .....	13,545	13,502	13,595	-4.5	-.3	.7
Wholesale trade .....	13,772	13,816	13,812	-1.9	.3	.0
Retail trade .....	35,056	35,497	35,366	.7	1.3	-.4
Finance, insurance, and real estate .....	14,356	14,428	14,428	.4	.5	.0
Services .....	70,103	70,068	70,286	-.5	.0	.3
Government .....	39,931	39,142	39,561	2.3	-2.0	1.1

<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:

<http://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	2001										2002		
	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>	Mar. <sup>P</sup>
<b>Average hourly earnings</b>													
<b>Total private</b> (in current dollars) .....	\$14.17	\$14.21	\$14.24	\$14.31	\$14.34	\$14.40	\$14.45	\$14.47	\$14.54	\$14.58	\$14.59	\$14.63	\$14.67
<b>Goods-producing</b> .....	15.79	15.78	15.86	15.90	15.93	16.01	16.04	16.05	16.15	16.20	16.23	16.27	16.31
Mining .....	17.55	17.53	17.54	17.73	17.74	17.69	17.67	17.73	17.85	17.83	17.77	17.72	17.79
Construction .....	18.33	18.15	18.22	18.28	18.26	18.35	18.36	18.38	18.46	18.57	18.54	18.57	18.68
Manufacturing .....	14.66	14.72	14.78	14.81	14.86	14.93	14.96	14.97	15.05	15.09	15.12	15.18	15.21
Excluding overtime <sup>2</sup> .....	13.96	14.04	14.09	14.13	14.18	14.24	14.28	14.31	14.38	14.41	14.42	14.47	14.46
<b>Service-producing</b> .....	13.68	13.73	13.76	13.84	13.87	13.93	13.98	14.01	14.07	14.12	14.12	14.16	14.20
Transportation and public utilities .....	16.68	16.74	16.76	16.91	16.88	16.95	17.02	17.09	17.23	17.23	17.35	17.41	17.44
Wholesale trade .....	15.68	15.74	15.70	15.86	15.84	15.81	15.95	15.89	15.91	16.05	16.05	16.15	16.13
Retail trade .....	9.72	9.74	9.79	9.83	9.84	9.87	9.87	9.91	9.98	9.99	9.99	10.00	10.05
Finance, insurance, and real estate .....	15.61	15.64	15.74	15.86	15.91	15.99	16.01	16.05	16.07	16.14	16.11	16.13	16.20
Services .....	14.40	14.48	14.49	14.54	14.61	14.71	14.76	14.81	14.87	14.93	14.92	14.97	15.00
<b>Total private</b> (in constant (1982) dollars) <sup>3</sup> .....	7.96	7.94	7.93	7.95	8.00	8.03	8.02	8.06	8.11	8.15	8.14	8.15	(4)
Goods-producing .....	8.87	8.82	8.83	8.84	8.88	8.93	8.90	8.94	9.01	9.06	9.06	9.06	(4)
Service-producing .....	7.68	7.67	7.66	7.69	7.74	7.77	7.76	7.81	7.85	7.90	7.88	7.88	(4)
<b>Average weekly earnings</b>													
<b>Total private</b> (in current dollars) .....	486.03	485.98	487.01	489.40	490.43	489.60	492.75	491.98	495.81	497.18	497.52	500.35	501.71
<b>Goods-producing</b> .....	639.50	640.67	642.33	642.36	645.17	645.20	644.81	642.00	646.00	649.62	655.69	657.31	660.56
Mining .....	768.69	771.32	770.01	767.71	768.14	767.75	768.65	764.16	771.12	772.04	764.11	767.28	772.09
Construction .....	716.70	713.30	723.33	720.23	719.44	719.32	717.88	711.31	723.63	720.52	737.89	735.37	730.39
Manufacturing .....	601.06	603.52	601.55	602.77	606.29	607.65	607.38	606.29	606.52	612.65	613.87	617.83	625.13
<b>Service-producing</b> .....	448.70	448.97	449.95	453.95	452.16	454.12	455.75	456.73	458.68	461.72	460.31	463.03	464.34
Transportation and public utilities .....	638.84	637.79	638.56	644.27	638.06	640.71	639.95	646.00	651.29	654.74	655.83	654.62	660.98
Wholesale trade .....	600.54	601.27	599.74	607.44	605.09	605.52	610.89	605.41	607.76	614.72	613.11	620.16	619.39
Retail trade .....	279.94	280.51	281.95	282.12	281.42	282.28	283.27	284.42	287.42	288.71	287.71	291.00	291.45
Finance, insurance, and real estate .....	566.64	567.73	569.79	578.89	575.94	578.84	579.56	577.80	581.73	582.65	581.57	585.52	589.68
Services .....	472.32	472.05	473.82	476.91	477.75	478.08	481.18	481.33	484.76	488.21	484.90	488.02	489.00
<b>Total private</b> (in constant (1982) dollars) <sup>3</sup> .....	272.90	271.65	271.16	272.04	273.52	273.06	273.45	274.08	276.53	278.06	277.63	278.59	(4)
Goods-producing .....	359.07	358.12	357.64	357.07	359.83	359.84	357.83	357.66	360.29	363.32	365.90	365.99	(4)
Service-producing .....	251.94	250.96	250.53	252.33	252.18	253.27	252.91	254.45	255.82	258.23	256.87	257.81	(4)

<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>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2000 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1997 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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Total</b> .....		131,102	131,703	129,233	129,787	130,431	-	-	-	-	-
<b>Total private</b> .....		110,086	110,569	108,249	108,372	108,895	89,932	90,420	88,294	88,425	88,895
<b>Mining</b> .....		542	548	551	544	544	419	427	423	416	415
Metal mining .....	10	38.1	37.0	31.0	30.0	29.5	28.5	27.7	22.7	22.3	-
Iron ores .....	101	7.0	6.5	5.7	4.9	-	5.5	5.2	4.6	4.1	-
Copper ores .....	102	9.0	8.9	6.3	6.4	-	6.7	6.6	4.7	4.8	-
Coal mining .....	12	75.3	75.8	81.9	81.1	80.8	62.4	63.1	69.0	68.2	-
Bituminous coal and lignite mining .....	122	70.1	70.7	76.2	75.4	-	58.2	58.8	64.1	63.4	-
Oil and gas extraction .....	13	323.2	326.8	334.4	329.3	327.0	249.2	254.5	253.6	246.8	-
Crude petroleum and natural gas .....	131	123.3	123.9	128.2	126.7	-	74.5	75.5	74.2	71.3	-
Oil and gas field services .....	138	196.0	199.1	202.8	199.2	-	170.6	174.9	175.8	171.9	-
Nonmetallic minerals, except fuels .....	14	104.9	108.0	103.3	103.6	106.5	78.4	81.7	78.1	78.6	-
Crushed and broken stone .....	142	41.2	42.5	40.7	41.2	-	31.9	33.3	31.5	31.9	-
Sand and gravel .....	144	32.0	33.3	31.5	31.3	-	-	-	-	-	-
Chemical and fertilizer minerals .....	147	11.8	11.7	11.4	11.4	-	-	-	-	-	-
<b>Construction</b> .....		6,393	6,526	6,356	6,334	6,410	4,872	5,006	4,796	4,778	4,841
General building contractors .....	15	1,478.6	1,484.3	1,481.5	1,472.3	1,480.2	1,006.2	1,012.9	992.6	983.5	-
Residential building construction .....	152	799.5	804.6	820.0	821.0	-	530.1	532.4	532.3	530.3	-
Operative builders .....	153	31.1	30.9	27.9	28.1	-	12.6	12.5	12.2	12.8	-
Nonresidential building construction .....	154	648.0	648.8	633.6	623.2	-	463.5	468.0	448.1	440.4	-
Heavy construction, except building .....	16	796.0	837.6	803.6	804.0	822.7	647.4	691.3	652.5	651.9	-
Highway and street construction .....	161	209.6	230.7	215.4	218.4	-	157.6	178.6	164.2	167.2	-
Heavy construction, except highway .....	162	586.4	606.9	588.2	585.6	-	489.8	512.7	488.3	484.7	-
Special trade contractors .....	17	4,118.8	4,204.2	4,070.6	4,057.4	4,107.0	3,218.5	3,301.3	3,151.0	3,142.6	-
Plumbing, heating, and air conditioning .....	171	943.5	945.1	923.7	913.7	-	691.8	692.6	665.9	656.7	-
Painting and paper hanging .....	172	206.0	210.0	194.0	192.1	-	167.6	171.4	156.1	154.8	-
Electrical work .....	173	867.0	872.7	828.3	823.6	-	686.5	689.7	645.1	642.6	-
Masonry, stonework, and plastering .....	174	557.9	577.4	562.2	563.7	-	486.0	506.1	487.3	488.6	-
Carpentry and floor work .....	175	320.2	328.4	322.0	323.7	-	236.4	243.4	231.6	232.7	-
Roofing, siding, and sheet metal work .....	176	225.4	232.7	230.8	226.8	-	169.3	177.3	181.0	175.2	-
<b>Manufacturing</b> .....		18,099	18,025	16,840	16,788	16,764	12,242	12,186	11,252	11,222	11,221
<b>Durable goods</b> .....		10,962	10,902	10,019	9,988	9,965	7,382	7,333	6,641	6,626	6,623
Lumber and wood products .....	24	783.4	783.1	767.5	767.6	769.9	632.9	632.3	615.7	616.7	619.1
Logging .....	241	72.8	70.8	72.9	72.2	-	57.5	55.1	57.7	57.1	-
Sawmills and planing mills .....	242	178.5	176.1	173.2	174.0	-	152.7	150.9	148.7	149.7	-
Sawmills and planing mills, general .....	2421	138.9	137.4	135.9	136.5	-	118.2	117.3	116.1	116.9	-
Hardwood dimension and flooring mills .....	2426	36.9	36.0	34.6	34.5	-	32.4	31.5	30.5	30.4	-
Millwork, plywood, and structural members .....	243	320.3	320.9	318.3	317.0	-	255.1	255.5	251.8	250.5	-
Millwork .....	2431	119.0	118.5	119.2	118.1	-	91.2	90.8	89.8	88.8	-
Wood kitchen cabinets .....	2434	98.7	99.5	101.2	100.7	-	81.3	82.0	84.1	83.6	-
Hardwood veneer and plywood .....	2435	29.6	29.4	26.0	26.1	-	25.1	24.8	21.9	22.0	-
Softwood veneer and plywood .....	2436	24.7	24.4	24.9	25.2	-	22.0	21.8	21.6	21.9	-
Wood containers .....	244	58.4	59.6	56.5	56.9	-	47.5	48.5	45.6	46.0	-
Wood buildings and mobile homes .....	245	75.1	76.8	74.9	75.3	-	56.8	58.7	54.8	55.5	-
Mobile homes .....	2451	52.9	53.5	53.7	54.8	-	42.6	43.4	41.4	42.5	-
Miscellaneous wood products .....	249	78.3	78.9	71.7	72.2	-	63.3	63.6	57.1	57.9	-
Furniture and fixtures .....	25	546.4	547.2	495.4	496.7	497.0	433.1	434.1	388.2	390.9	392.7
Household furniture .....	251	286.8	286.9	260.7	262.0	-	242.6	242.1	218.8	221.8	-
Wood household furniture .....	2511	126.0	126.4	113.7	113.8	-	109.9	109.9	97.4	98.8	-
Upholstered household furniture .....	2512	92.7	91.5	87.6	88.0	-	78.0	76.5	73.5	74.1	-
Metal household furniture .....	2514	20.2	20.3	16.1	15.9	-	16.5	16.6	13.4	13.4	-
Mattresses and bedsprings .....	2515	37.3	37.1	34.8	35.4	-	29.2	29.0	27.5	28.2	-

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Durable goods—Continued</b>											
Furniture and fixtures—Continued											
Office furniture .....	252	78.8	77.9	64.8	64.3	—	55.5	54.9	43.0	42.3	—
Public building and related furniture .....	253	50.6	51.3	48.6	49.4	—	40.4	41.4	38.5	38.9	—
Partitions and fixtures .....	254	87.6	88.6	79.0	79.1	—	65.8	67.0	58.6	58.6	—
Miscellaneous furniture and fixtures .....	259	42.6	42.5	42.3	41.9	—	28.8	28.7	29.3	29.3	—
Stone, clay, and glass products .....											
Flat glass .....	321	15.4	15.4	15.8	15.3	—	12.9	12.9	12.4	12.0	—
Glass and glassware, pressed or blown .....	322	69.1	67.9	63.0	64.1	—	55.4	53.9	50.0	51.0	—
Glass containers .....	3221	21.2	20.9	21.7	21.8	—	18.8	18.5	19.4	19.5	—
Pressed and blown glass, nec .....	3229	47.9	47.0	41.3	42.3	—	36.6	35.4	30.6	31.5	—
Products of purchased glass .....	323	63.3	62.6	59.6	58.5	—	49.0	48.5	45.5	44.7	—
Cement, hydraulic .....	324	17.7	17.8	18.0	17.9	—	12.9	12.9	12.8	12.7	—
Structural clay products .....	325	33.5	35.3	32.9	33.0	—	26.8	28.1	25.7	25.9	—
Pottery and related products .....	326	36.6	35.6	30.9	31.2	—	28.3	27.8	24.1	24.4	—
Concrete, gypsum, and plaster products .....	327	236.3	242.0	236.2	234.6	—	184.4	191.4	185.8	185.3	—
Concrete block and brick .....	3271	20.4	20.4	19.9	19.6	—	13.2	13.2	13.0	12.6	—
Concrete products, nec .....	3272	83.7	85.2	82.3	82.3	—	66.7	68.1	65.2	66.2	—
Ready-mixed concrete .....	3273	114.5	118.9	116.5	115.7	—	91.0	96.8	94.2	93.5	—
Misc. nonmetallic mineral products .....	329	71.9	71.0	63.1	62.8	—	54.1	53.2	46.3	46.3	—
Abrasive products .....	3291	17.7	17.7	15.2	14.9	—	13.8	13.7	11.1	11.0	—
Mineral wool .....	3296	23.3	23.3	22.2	22.6	—	—	—	—	—	—
Primary metal industries .....											
Blast furnaces and basic steel products .....	331	216.7	214.6	190.0	189.2	188.4	168.5	166.5	146.2	145.6	145.3
Blast furnaces and steel mills .....	3312	145.8	144.3	125.7	126.2	—	114.3	112.9	97.6	98.1	—
Steel pipe and tubes .....	3317	29.8	29.6	27.6	26.7	—	22.8	22.7	21.0	20.3	—
Iron and steel foundries .....	332	117.3	115.7	105.9	106.1	—	97.3	95.6	87.4	87.4	—
Gray and ductile iron foundries .....	3321	74.4	73.4	68.1	68.3	—	63.0	62.0	56.9	57.0	—
Malleable iron foundries .....	3322	3.5	3.5	3.2	3.3	—	2.6	2.6	2.4	2.5	—
Steel foundries, nec .....	3325	24.6	24.3	21.7	21.7	—	19.9	19.6	18.2	18.1	—
Primary nonferrous metals .....	333	34.9	33.9	29.9	29.8	—	27.1	26.1	22.3	22.2	—
Primary aluminum .....	3334	20.5	19.5	17.7	17.7	—	16.7	15.7	14.1	14.1	—
Nonferrous rolling and drawing .....	335	177.3	174.1	154.0	153.0	—	135.9	132.9	112.0	111.7	—
Copper rolling and drawing .....	3351	24.0	23.5	21.0	20.8	—	19.4	18.9	16.8	16.6	—
Aluminum sheet, plate, and foil .....	3353	21.4	21.4	19.0	18.5	—	15.7	16.0	14.4	14.4	—
Nonferrous wire drawing and insulating .....	3357	79.8	78.4	65.4	65.3	—	61.0	59.4	44.5	44.2	—
Nonferrous foundries (castings) .....	336	91.0	87.3	81.0	81.3	—	72.9	69.5	62.8	62.7	—
Aluminum foundries .....	3365	25.9	25.4	22.6	22.6	—	20.8	20.2	16.0	15.9	—
Fabricated metal products .....											
Metal cans and shipping containers .....	341	36.0	35.8	35.8	35.5	—	30.8	30.5	30.5	30.2	—
Metal cans .....	3411	28.3	28.3	28.4	28.2	—	24.7	24.6	24.6	24.4	—
Cutlery, handtools, and hardware .....	342	114.6	113.0	104.1	104.3	—	89.0	87.0	78.9	79.3	—
Hand and edge tools, and blades and handsaws .....	3423,5	43.6	41.9	39.0	39.1	—	34.2	32.5	29.7	30.0	—
Hardware, nec .....	3429	60.0	59.8	55.2	55.4	—	46.5	46.1	41.9	42.0	—
Plumbing and heating, except electric .....	343	58.6	58.3	55.0	55.0	—	41.0	40.6	37.4	37.6	—
Plumbing fixture fittings and trim .....	3432	23.6	23.6	22.1	22.1	—	16.8	16.8	15.5	15.7	—
Heating equipment, except electric .....	3433	19.1	18.8	17.4	17.2	—	12.9	12.6	11.5	11.3	—
Fabricated structural metal products .....	344	493.6	491.6	470.9	469.9	—	356.4	355.8	338.1	337.8	—
Fabricated structural metal .....	3441	88.9	90.5	87.8	88.7	—	64.3	65.7	63.0	63.5	—
Metal doors, sash, and trim .....	3442	82.9	82.0	81.2	80.2	—	60.2	59.9	59.7	59.3	—
Fabricated plate work (boiler shops) .....	3443	104.7	105.1	101.1	102.6	—	75.3	75.6	71.9	73.5	—
Sheet metal work .....	3444	129.8	127.2	116.4	115.1	—	98.7	96.9	86.8	85.7	—
Architectural metal work .....	3446	37.2	37.4	36.9	36.8	—	26.8	26.9	27.2	26.9	—
Screw machine products, bolts, etc .....	345	102.6	102.0	92.9	92.5	—	79.5	78.2	71.0	70.9	—
Screw machine products .....	3451	52.3	51.4	44.4	44.7	—	42.3	41.7	35.5	35.9	—
Bolts, nuts, rivets, and washers .....	3452	50.3	50.6	48.5	47.8	—	37.2	36.5	35.5	35.0	—
Metal forgings and stampings .....	346	245.4	244.9	225.6	225.1	—	192.2	191.6	176.8	175.9	—
Iron and steel forgings .....	3462	30.2	30.1	29.6	29.3	—	21.9	21.8	21.6	21.3	—
Automotive stampings .....	3465	115.2	115.0	105.7	106.4	—	94.3	94.2	87.2	87.7	—
Metal stampings, nec .....	3469	87.0	86.8	77.8	77.1	—	66.1	65.7	58.5	57.6	—
Metal services, nec .....	347	144.8	143.2	133.1	134.2	—	116.6	115.8	107.5	108.7	—
Plating and polishing .....	3471	85.2	83.3	74.3	74.4	—	70.1	68.7	61.5	61.5	—
Metal coating and allied services .....	3479	59.6	59.9	58.8	59.8	—	46.5	47.1	46.0	47.2	—

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Durable goods—Continued</b>											
Fabricated metal products—Continued											
Ordnance and accessories, nec .....	348	37.8	37.9	38.4	38.6	—	22.2	22.2	22.3	22.3	—
Ammunition, except for small arms, nec .....	3483	17.6	17.8	19.0	19.0	—	8.3	8.4	9.1	9.1	—
Miscellaneous fabricated metal products .....	349	278.0	277.3	259.3	259.1	—	200.0	199.3	184.4	183.8	—
Valves and pipe fittings, nec .....	3494	22.7	22.6	20.4	20.2	—	16.1	16.0	14.2	14.1	—
Misc. fabricated wire products .....	3496	55.4	55.2	50.2	50.6	—	40.9	40.4	36.8	37.4	—
Industrial machinery and equipment .....	35	2,108.9	2,086.6	1,875.1	1,861.6	1,856.7	1,299.5	1,280.3	1,126.4	1,116.6	1,114.0
Engines and turbines .....	351	83.7	82.7	78.9	78.4	—	54.3	53.3	50.9	50.2	—
Turbines and turbine generator sets .....	3511	25.2	25.4	25.5	25.7	—	14.0	14.1	14.3	14.4	—
Internal combustion engines, nec .....	3519	58.5	57.3	53.4	52.7	—	40.3	39.2	36.6	35.8	—
Farm and garden machinery .....	352	97.4	97.8	90.8	90.3	—	66.5	67.0	61.1	60.6	—
Farm machinery and equipment .....	3523	70.4	70.6	67.9	67.5	—	48.9	49.2	46.8	46.4	—
Construction and related machinery .....	353	239.0	237.5	213.4	211.2	—	149.8	148.8	128.7	127.2	—
Construction machinery .....	3531	90.9	90.3	76.6	77.4	—	60.7	60.2	49.0	49.9	—
Mining machinery .....	3532	14.4	14.3	14.0	13.8	—	8.4	8.3	8.3	8.2	—
Oil and gas field machinery .....	3533	44.5	44.8	45.4	43.7	—	26.9	27.1	26.1	24.6	—
Conveyors and conveying equipment .....	3535	38.6	37.7	33.2	32.6	—	20.3	20.0	17.3	16.9	—
Industrial trucks and tractors .....	3537	31.8	31.7	26.7	26.4	—	21.5	21.2	16.8	16.6	—
Metalworking machinery .....	354	318.1	311.5	281.9	277.9	—	219.6	214.6	191.1	188.1	—
Machine tools, metal cutting types .....	3541	39.3	38.9	31.9	31.2	—	23.4	23.3	18.7	18.3	—
Machine tools, metal forming types .....	3542	17.9	17.0	14.1	13.3	—	10.3	9.8	7.8	7.3	—
Special dies, tools, jigs, and fixtures .....	3544	151.5	148.5	139.8	138.6	—	113.0	110.7	103.6	102.6	—
Machine tool accessories .....	3545	48.8	47.6	42.6	41.8	—	34.3	33.2	28.1	27.5	—
Power driven handtools .....	3546	19.2	19.0	17.1	17.0	—	13.3	13.1	11.2	11.2	—
Special industry machinery .....	355	167.2	165.4	139.0	138.0	—	87.3	87.1	68.9	68.2	—
Textile machinery .....	3552	11.3	11.1	9.2	9.4	—	6.9	6.9	5.4	5.7	—
Printing trades machinery .....	3555	22.6	22.8	19.7	19.8	—	12.9	13.2	11.3	11.1	—
Food products machinery .....	3556	25.4	26.0	24.6	24.6	—	13.6	14.1	12.9	12.9	—
General industrial machinery .....	356	245.1	242.5	217.8	215.4	—	155.6	152.7	133.8	132.3	—
Pumps and pumping equipment .....	3561	28.8	29.0	27.3	27.2	—	16.0	16.2	14.8	14.6	—
Ball and roller bearings .....	3562	40.3	38.1	34.3	34.0	—	30.9	28.8	26.5	26.2	—
Air and gas compressors .....	3563	25.5	25.2	23.0	22.4	—	14.0	13.8	12.1	11.6	—
Blowers and fans .....	3564	35.0	34.6	30.7	30.0	—	24.3	23.7	20.2	20.0	—
Speed changers, drives, and gears .....	3566	14.7	14.1	13.2	13.2	—	10.7	10.3	9.8	9.7	—
Power transmission equipment, nec .....	3568	18.1	19.1	17.0	16.8	—	13.5	13.9	12.2	12.1	—
Computer and office equipment .....	357	370.5	367.1	329.9	327.1	325.2	134.2	132.3	117.0	114.8	—
Electronic computers .....	3571	210.3	208.6	188.2	187.6	—	74.4	73.9	66.5	66.1	—
Computer terminals, calculators, and office machines, nec .....	3575,8,9	55.9	55.6	49.3	48.1	—	20.7	20.7	17.6	17.0	—
Refrigeration and service machinery .....	358	210.9	205.1	182.9	183.4	—	147.0	141.8	123.3	124.1	—
Refrigeration and heating equipment .....	3585	147.6	142.0	122.7	122.9	—	109.5	104.5	88.6	88.8	—
Misc. industrial and commercial machinery .....	359	377.0	377.0	340.5	339.9	—	285.2	282.7	251.6	251.1	—
Carburetors, pistons, rings, valves .....	3592	24.2	23.7	22.8	23.1	—	18.9	18.7	18.2	18.4	—
Scales, balances, and industrial machinery, nec .....	3596,9	308.7	309.4	275.6	275.1	—	237.8	235.7	206.7	206.1	—
Electronic and other electrical equipment .....	36	1,729.0	1,708.7	1,458.4	1,441.5	1,428.8	1,057.5	1,039.9	866.4	852.5	845.4
Electric distribution equipment .....	361	84.9	84.7	75.0	74.0	—	57.9	56.9	48.5	47.9	—
Transformers, except electronic .....	3612	37.9	37.6	31.9	31.7	—	25.8	25.5	21.5	21.3	—
Switchgear and switchboard apparatus .....	3613	47.0	47.1	43.1	42.3	—	32.1	31.4	27.0	26.6	—
Electrical industrial apparatus .....	362	149.7	148.2	135.9	135.3	—	98.2	96.4	86.5	85.9	—
Motors and generators .....	3621	70.4	69.5	64.8	64.2	—	49.5	48.5	45.5	45.0	—
Relays and industrial controls .....	3625	54.6	54.3	49.6	49.9	—	31.3	30.7	26.2	26.3	—
Household appliances .....	363	117.0	118.9	111.0	110.9	—	95.0	97.6	89.0	88.7	—
Household refrigerators and freezers .....	3632	32.3	35.4	29.5	30.0	—	26.6	29.3	22.7	23.1	—
Household laundry equipment .....	3633	15.4	15.4	16.6	16.7	—	13.7	13.9	14.9	15.0	—
Electric housewares and fans .....	3634	21.9	21.5	21.1	20.8	—	16.2	16.0	15.7	15.3	—
Electric lighting and wiring equipment .....	364	178.7	176.1	160.1	158.9	—	130.2	128.2	114.2	112.8	—
Electric lamps .....	3641	18.0	18.1	16.9	16.7	—	14.2	14.3	13.1	12.9	—
Current-carrying wiring devices .....	3643	62.3	61.8	54.6	54.6	—	43.2	42.8	36.8	36.9	—

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>p</sup>	Mar. 2002 <sup>p</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>p</sup>	Mar. 2002 <sup>p</sup>
<b>Durable goods—Continued</b>											
Electronic and other electrical equipment—Continued											
Noncurrent-carrying wiring devices .....	3644	18.5	17.5	17.8	17.0	—	14.4	13.4	13.8	13.0	—
Residential lighting fixtures .....	3645	19.2	18.8	16.5	16.3	—	13.9	13.8	11.9	11.5	—
Household audio and video equipment .....	365	73.7	73.6	65.2	63.8	—	46.3	46.2	40.7	39.6	—
Household audio and video equipment .....	3651	51.2	51.4	47.4	45.9	—	29.5	29.7	27.4	26.5	—
Communications equipment .....	366	275.5	273.5	218.3	215.2	—	121.3	118.6	89.7	87.2	—
Telephone and telegraph apparatus .....	3661	129.0	127.6	94.6	92.1	—	58.0	56.4	38.4	36.7	—
Electronic components and accessories .....	367	710.1	700.0	573.7	565.3	558.2	409.0	402.3	315.0	309.1	—
Electron tubes .....	3671	18.5	18.5	16.0	15.7	—	13.4	13.5	11.2	11.1	—
Semiconductors and related devices .....	3674	316.2	314.2	274.6	270.8	—	133.0	132.5	113.6	111.2	—
Electronic components, nec .....	3679	161.3	162.2	130.8	128.9	—	107.7	107.7	83.8	81.8	—
Misc. electrical equipment and supplies .....	369	139.4	133.7	119.2	118.1	—	99.6	93.7	82.8	81.3	—
Storage batteries .....	3691	25.2	23.6	20.6	20.4	—	20.4	18.8	16.7	16.2	—
Engine electrical equipment .....	3694	63.1	58.5	51.1	50.7	—	49.9	45.1	39.2	38.8	—
Transportation equipment .....	37	1,781.2	1,777.2	1,657.9	1,662.9	1,656.4	1,166.1	1,166.6	1,068.1	1,076.0	1,074.8
Motor vehicles and equipment .....	371	963.7	953.9	877.0	891.0	893.3	722.0	716.3	648.3	661.7	666.2
Motor vehicles and car bodies .....	3711	341.8	338.5	309.5	318.4	—	236.9	235.0	209.3	218.3	—
Truck and bus bodies .....	3713	41.8	43.8	42.0	41.2	—	35.1	34.1	33.0	32.9	—
Motor vehicle parts and accessories .....	3714	520.7	515.8	478.5	482.9	—	405.4	403.0	369.8	372.8	—
Truck trailers .....	3715	36.6	36.3	28.4	28.9	—	28.4	28.2	20.4	21.1	—
Aircraft and parts .....	372	463.4	465.3	440.0	431.6	423.4	221.2	222.7	207.9	203.3	—
Aircraft .....	3721	229.0	229.5	215.6	211.4	—	88.1	88.3	79.8	77.4	—
Aircraft engines and engine parts .....	3724	100.7	100.5	98.7	97.4	—	49.2	49.1	49.5	48.1	—
Aircraft parts and equipment, nec .....	3728	133.7	135.3	125.7	122.8	—	83.9	85.3	78.6	77.8	—
Ship and boat building and repairing .....	373	158.3	159.9	154.3	153.1	—	119.8	122.5	116.1	114.7	—
Ship building and repairing .....	3731	87.7	90.0	93.5	91.3	—	60.8	63.8	64.7	62.6	—
Boat building and repairing .....	3732	70.6	69.9	60.8	61.8	—	59.0	58.7	51.4	52.1	—
Railroad equipment .....	374	32.3	31.7	27.5	27.4	—	22.4	21.7	18.3	18.2	—
Guided missiles, space vehicles, and parts .....	376	82.7	82.6	79.3	79.7	—	20.1	19.9	18.5	18.7	—
Guided missiles and space vehicles .....	3761	57.5	57.4	55.5	55.8	—	12.1	12.0	11.0	11.1	—
Miscellaneous transportation equipment .....	379	59.8	62.8	58.7	59.4	—	45.1	48.0	43.7	44.4	—
Travel trailers and campers .....	3792	22.3	24.5	22.2	22.5	—	19.1	21.4	19.2	19.4	—
Instruments and related products .....	38	869.9	868.7	834.7	832.6	829.5	430.8	429.3	405.1	403.7	400.2
Search and navigation equipment .....	381	156.8	159.0	158.9	159.1	—	40.7	40.6	39.0	38.8	—
Measuring and controlling devices .....	382	313.2	311.1	288.1	286.8	—	155.2	154.0	141.6	141.2	—
Environmental controls .....	3822	37.2	36.5	33.1	33.1	—	26.9	26.6	24.5	24.4	—
Process control instruments .....	3823	74.2	74.1	69.5	68.8	—	38.1	38.1	35.4	35.1	—
Instruments to measure electricity .....	3825	74.4	74.4	67.2	66.9	—	24.7	24.7	21.5	21.3	—
Medical instruments and supplies .....	384	295.7	295.4	294.0	293.6	—	176.9	177.2	173.1	172.4	—
Surgical and medical instruments .....	3841	112.9	113.3	113.9	113.3	—	71.7	72.1	72.0	71.1	—
Surgical appliances and supplies .....	3842	102.4	101.7	99.2	99.0	—	65.1	64.9	62.1	62.1	—
Ophthalmic goods .....	385	30.6	30.3	27.0	26.8	—	22.7	22.3	19.7	19.9	—
Photographic equipment and supplies .....	386	69.1	68.5	63.9	63.5	—	31.9	31.8	29.8	29.6	—
Watches, clocks, watchcases, and parts .....	387	4.5	4.4	2.8	2.8	—	3.4	3.4	1.9	1.8	—
Miscellaneous manufacturing industries .....	39	386.8	389.2	373.9	374.0	376.0	262.0	263.2	247.5	248.3	252.2
Jewelry, silverware, and plated ware .....	391	46.7	47.1	43.5	43.9	—	30.8	30.6	27.2	27.8	—
Jewelry, precious metal .....	3911	36.7	37.1	34.6	35.0	—	23.4	23.5	20.8	21.3	—
Musical instruments .....	393	17.2	17.1	15.6	15.6	—	13.7	13.6	12.0	12.1	—
Toys and sporting goods .....	394	103.5	104.8	100.1	99.6	—	68.3	68.7	63.5	63.2	—
Dolls, games, toys, and children's vehicles .....	3942,4	28.0	27.9	25.8	25.1	—	17.3	17.3	14.9	14.7	—
Sporting and athletic goods, nec .....	3949	75.5	76.9	74.3	74.5	—	51.0	51.4	48.6	48.5	—
Pens, pencils, office, and art supplies .....	395	30.9	31.0	30.5	31.6	—	21.0	21.1	20.4	21.4	—
Costume jewelry and notions .....	396	17.8	18.5	15.9	16.2	—	12.9	13.6	11.2	11.6	—
Costume jewelry .....	3961	8.3	9.1	6.9	7.2	—	5.8	6.5	4.6	4.9	—
Miscellaneous manufactures .....	399	170.7	170.7	168.3	167.1	—	115.3	115.6	113.2	112.2	—
Signs and advertising specialties .....	3993	77.8	77.3	76.0	74.7	—	48.4	48.7	47.0	45.1	—

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Nondurable goods</b> .....		7,137	7,123	6,821	6,800	6,799	4,860	4,853	4,611	4,596	4,598
Food and kindred products .....	20	1,653.6	1,653.4	1,658.6	1,655.6	1,651.8	1,217.9	1,218.8	1,215.2	1,212.6	1,208.8
Meat products .....	201	505.8	505.7	515.8	515.9	—	433.7	434.9	444.5	444.9	—
Meat packing plants .....	2011	147.3	147.1	148.5	146.0	—	122.4	122.7	124.0	121.8	—
Sausages and other prepared meats .....	2013	103.6	104.0	107.9	108.7	—	81.7	82.1	86.0	86.5	—
Poultry slaughtering and processing .....	2015	254.9	254.6	259.4	261.2	—	229.6	230.1	234.5	236.6	—
Dairy products .....	202	142.5	143.3	143.4	144.0	—	97.1	97.4	97.2	97.9	—
Cheese, natural and processed .....	2022	41.5	41.5	40.6	40.4	—	33.0	32.8	32.4	32.3	—
Fluid milk .....	2026	59.6	60.0	61.2	61.4	—	34.7	34.8	35.3	35.4	—
Preserved fruits and vegetables .....	203	198.2	198.3	196.7	195.3	—	162.7	162.4	161.7	159.9	—
Canned specialties .....	2032	15.1	14.8	15.6	14.6	—	11.9	11.7	12.2	11.2	—
Canned fruits and vegetables .....	2033	50.2	50.0	49.5	49.4	—	41.0	40.8	40.2	39.9	—
Frozen fruits and vegetables .....	2037	39.5	40.2	40.1	40.2	—	33.2	33.8	34.1	34.1	—
Grain mill products .....	204	120.8	119.8	118.0	116.5	—	84.6	83.6	82.2	80.7	—
Flour and other grain mill products .....	2041	19.3	19.2	19.8	19.6	—	12.2	12.2	12.7	12.6	—
Prepared feeds, nec .....	2048	38.9	38.4	37.8	37.3	—	24.1	23.8	22.9	21.9	—
Bakery products .....	205	195.6	195.2	197.5	195.3	—	133.4	133.8	133.1	132.1	—
Bread, cake, and related products .....	2051	138.1	138.2	138.9	137.4	—	84.4	85.0	83.1	82.7	—
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	57.5	57.0	58.6	57.9	—	49.0	48.8	50.0	49.4	—
Sugar and confectionery products .....	206	92.4	91.4	97.5	94.9	—	69.5	68.3	72.9	70.7	—
Cane sugar .....	2061,2	13.3	13.2	19.3	18.2	—	9.3	9.4	14.7	13.9	—
Beet sugar .....	2063	6.9	5.8	6.4	5.9	—	6.0	4.9	5.5	5.0	—
Candy and other confectionery products .....	2064	47.7	48.3	46.3	46.0	—	36.5	36.7	34.4	34.2	—
Fats and oils .....	207	30.9	30.6	31.1	31.3	—	20.3	20.1	20.3	20.3	—
Beverages .....	208	186.0	187.7	185.1	186.3	—	86.9	88.3	81.3	82.4	—
Malt beverages .....	2082	32.4	32.5	32.3	32.5	—	19.6	19.8	18.6	19.0	—
Bottled and canned soft drinks .....	2086	98.5	100.1	99.0	98.8	—	37.3	38.3	33.6	33.6	—
Misc. food and kindred products .....	209	181.4	181.4	173.5	176.1	—	129.7	130.0	122.0	123.7	—
Tobacco products .....	21	32.3	31.4	33.9	33.6	33.2	23.7	22.7	25.3	24.9	24.5
Cigarettes .....	211	23.0	23.0	24.1	24.2	—	16.2	16.3	17.0	17.1	—
Textile mill products .....	22	490.7	490.3	436.3	435.3	435.3	410.8	411.1	361.3	360.8	361.8
Broadwoven fabric mills, cotton .....	221	56.1	58.2	52.3	53.1	—	49.3	51.4	46.0	46.8	—
Broadwoven fabric mills, synthetics .....	222	49.1	49.6	45.4	45.0	—	41.4	42.0	37.6	37.2	—
Broadwoven fabric mills, wool .....	223	9.0	8.9	7.1	7.1	—	7.5	7.4	5.7	5.7	—
Narrow fabric mills .....	224	19.0	18.9	16.8	17.1	—	15.4	15.4	13.6	13.8	—
Knitting mills .....	225	112.8	112.2	91.3	90.1	—	92.5	92.2	75.3	73.9	—
Women's hosiery, except socks .....	2251	12.9	12.6	10.3	10.2	—	10.7	10.6	8.8	8.7	—
Hosiery, nec .....	2252	32.0	31.8	28.0	27.3	—	28.2	28.0	24.4	23.8	—
Knit outerwear mills .....	2253	28.0	28.1	21.5	21.6	—	24.2	24.3	18.5	18.7	—
Weft knit fabric mills .....	2257	17.2	17.1	12.1	12.3	—	14.0	13.9	9.8	10.0	—
Textile finishing, except wool .....	226	52.8	52.3	47.4	48.2	—	43.3	42.7	39.6	40.6	—
Finishing plants, cotton .....	2261	27.6	27.5	23.7	24.4	—	22.7	22.5	20.6	21.5	—
Finishing plants, synthetics .....	2262	13.9	13.8	13.3	13.5	—	11.5	11.3	11.1	11.3	—
Carpets and rugs .....	227	63.9	63.6	62.4	62.4	—	55.9	55.5	50.3	50.7	—
Yarn and thread mills .....	228	75.2	74.5	65.9	65.4	—	65.8	65.5	58.1	57.5	—
Yarn spinning mills .....	2281	53.5	52.8	45.9	45.3	—	47.2	46.5	40.5	39.9	—
Throwing and winding mills .....	2282	15.3	15.5	14.2	14.4	—	13.1	13.5	12.4	12.5	—
Miscellaneous textile goods .....	229	52.8	52.1	47.7	46.9	—	39.7	39.0	35.1	34.6	—
Apparel and other textile products .....	23	588.4	589.2	522.7	521.9	526.5	456.5	457.0	399.3	399.4	403.1
Men's and boys' suits and coats .....	231	19.9	19.5	16.7	16.7	—	15.5	15.1	12.6	12.6	—
Men's and boys' furnishings .....	232	121.6	121.5	107.2	106.0	—	98.1	98.4	85.1	84.7	—
Men's and boys' shirts .....	2321	22.5	22.5	17.5	17.6	—	18.3	18.5	14.5	14.7	—
Men's and boys' trousers and slacks .....	2325	37.1	38.2	35.1	34.7	—	31.1	32.2	29.3	29.1	—
Men's and boys' work clothing .....	2326	23.7	23.3	21.6	21.0	—	19.9	19.6	17.7	17.5	—
Women's and misses' outerwear .....	233	167.1	168.9	148.1	149.0	—	125.7	127.2	109.0	110.6	—
Women's and misses' blouses and shirts .....	2331	14.1	13.7	11.0	10.7	—	10.2	9.8	8.1	7.7	—
Women's, juniors', and misses' dresses .....	2335	25.0	24.6	20.6	21.8	—	19.2	18.5	15.0	15.8	—
Women's and misses' suits and coats .....	2337	11.5	11.9	9.2	9.0	—	8.7	9.2	7.1	6.6	—
Women's and misses' outerwear, nec .....	2339	116.5	118.7	107.3	107.5	—	87.6	89.7	78.8	80.5	—
Women's and children's undergarments .....	234	17.9	17.8	14.1	14.5	—	13.3	13.0	10.0	9.6	—
Women's and children's underwear .....	2341	12.9	12.7	10.4	11.0	—	9.6	9.3	7.3	7.0	—
Brassieres, girdles, and allied garments .....	2342	5.0	5.1	3.7	3.5	—	3.7	3.7	2.7	2.6	—

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>p</sup>	Mar. 2002 <sup>p</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>p</sup>	Mar. 2002 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
<b>Apparel and other textile products—Continued</b>											
Girls' and children's outerwear .....	236	13.0	12.2	8.8	8.8	—	9.9	9.2	6.3	6.4	—
Girls' and children's dresses and blouses .....	2361	5.8	5.6	4.3	4.3	—	4.4	4.2	3.0	3.1	—
Fur goods and misc. apparel and accessories .....	237,8	28.3	28.1	25.7	25.9	—	23.1	22.8	20.8	21.0	—
Misc. fabricated textile products .....	239	206.3	206.6	190.8	189.4	—	159.9	160.2	147.2	146.2	—
Curtains and draperies .....	2391	17.2	17.1	15.9	15.4	—	13.5	13.4	12.1	11.5	—
House furnishings, nec .....	2392	49.7	48.9	45.0	45.6	—	40.9	40.5	37.4	38.0	—
Automotive and apparel trimmings .....	2396	62.4	63.4	60.7	60.6	—	47.9	48.8	46.9	46.6	—
Paper and allied products .....	26	642.1	639.5	623.7	619.9	619.7	487.6	484.7	473.6	470.5	470.8
Paper mills .....	262	135.5	135.2	133.0	132.4	—	105.4	105.1	104.2	103.7	—
Paperboard mills .....	263	44.7	44.4	43.8	43.6	—	34.6	34.4	34.0	33.9	—
Paperboard containers and boxes .....	265	216.0	215.4	209.1	206.9	—	167.5	166.8	161.4	159.3	—
Corrugated and solid fiber boxes .....	2653	136.8	136.1	133.6	131.5	—	102.5	102.0	100.1	98.2	—
Sanitary food containers .....	2656	16.6	16.4	15.6	16.1	—	14.9	14.7	14.0	14.4	—
Folding paperboard boxes .....	2657	40.8	41.0	39.6	39.7	—	33.1	33.1	31.8	31.8	—
Misc. converted paper products .....	267	233.7	232.3	225.1	224.3	—	170.3	168.6	163.6	163.4	—
Paper, coated and laminated, nec .....	2672	44.2	43.8	41.7	41.2	—	19.9	19.7	18.3	18.1	—
Bags: plastics, laminated, and coated .....	2673	38.3	37.8	37.2	37.3	—	29.1	28.6	28.1	28.1	—
Envelopes .....	2677	24.4	24.4	23.3	23.3	—	18.9	18.6	18.0	18.0	—
Printing and publishing .....	27	1,524.6	1,519.2	1,430.9	1,420.7	1,416.5	799.0	795.8	744.8	737.2	733.5
Newspapers .....	271	439.9	437.6	419.3	416.3	—	144.3	143.2	137.6	136.0	—
Periodicals .....	272	149.7	148.4	141.6	138.1	—	47.8	46.7	47.2	46.0	—
Books .....	273	126.1	127.0	114.2	115.1	—	56.9	57.5	49.8	50.8	—
Book publishing .....	2731	85.2	85.9	79.4	80.0	—	25.8	26.2	24.3	25.0	—
Book printing .....	2732	40.9	41.1	34.8	35.1	—	31.1	31.3	25.5	25.8	—
Miscellaneous publishing .....	274	94.4	95.6	92.4	94.1	—	47.5	47.8	47.4	47.4	—
Commercial printing .....	275	547.2	543.9	510.2	506.6	—	383.9	382.2	355.0	351.3	—
Commercial printing, lithographic .....	2752	366.7	364.3	341.0	337.2	—	257.8	256.0	237.0	233.2	—
Commercial printing, nec .....	2759	161.3	161.1	151.0	151.0	—	113.1	113.7	105.0	105.3	—
Manifold business forms .....	276	42.8	42.3	40.0	39.6	—	28.3	28.4	27.2	27.0	—
Blankbooks and bookbinding .....	278	56.3	56.3	50.2	49.4	—	41.7	41.9	36.4	35.9	—
Printing trade services .....	279	43.6	43.5	40.4	40.5	—	30.0	29.4	27.6	27.8	—
Chemicals and allied products .....	28	1,037.4	1,038.3	1,017.1	1,017.5	1,013.5	573.3	573.3	554.0	554.1	552.0
Industrial inorganic chemicals .....	281	97.8	97.8	92.0	91.9	—	53.7	53.5	50.4	50.5	—
Industrial inorganic chemicals, nec .....	2819	53.6	53.5	50.3	50.3	—	29.9	29.7	27.5	27.4	—
Plastics materials and synthetics .....	282	152.6	152.3	144.4	143.7	—	102.3	102.4	97.4	96.9	—
Plastics materials and resins .....	2821	77.6	77.7	75.3	75.0	—	47.2	47.5	46.8	46.5	—
Organic fibers, noncellulosic .....	2824	43.1	43.0	38.2	38.1	—	35.8	35.8	31.5	31.5	—
Drugs .....	283	323.9	326.0	337.7	339.2	—	141.5	142.3	145.8	146.4	—
Pharmaceutical preparations .....	2834	253.1	255.2	263.3	265.7	—	114.5	115.2	117.1	117.9	—
Soap, cleaners, and toilet goods .....	284	153.7	153.5	148.6	149.2	—	95.8	95.8	90.4	91.1	—
Soap and other detergents .....	2841	39.4	38.9	37.6	38.0	—	23.5	23.4	21.5	21.9	—
Polishing, sanitation, and finishing preparations .....	2842,3	39.9	40.3	39.9	39.9	—	24.0	24.4	24.3	24.3	—
Toilet preparations .....	2844	74.4	74.3	71.1	71.3	—	48.3	48.0	44.6	44.9	—
Paints and allied products .....	285	49.2	48.9	46.6	46.5	—	26.2	25.7	24.8	24.5	—
Industrial organic chemicals .....	286	119.2	119.4	114.6	113.4	—	67.2	66.7	64.5	63.8	—
Cyclic crudes and intermediates .....	2865	20.6	20.5	17.9	18.1	—	10.5	10.4	9.2	9.5	—
Other industrial organic chemicals .....	2861,9	98.6	98.9	96.7	95.3	—	56.7	56.3	55.3	54.3	—
Agricultural chemicals .....	287	50.7	51.2	46.7	47.0	—	30.5	31.1	27.3	27.5	—
Miscellaneous chemical products .....	289	90.3	89.2	86.5	86.6	—	56.1	55.8	53.4	53.4	—
Petroleum and coal products .....	29	122.9	123.3	122.8	122.9	125.4	82.3	84.0	86.1	86.4	89.1
Petroleum refining .....	291	84.5	82.4	83.5	83.3	—	56.5	55.5	58.0	57.7	—
Asphalt paving and roofing materials .....	295	23.8	26.4	25.2	25.5	—	17.2	19.9	18.9	19.5	—
Rubber and misc. plastics products .....	30	977.4	970.7	917.4	914.8	918.0	757.1	753.9	709.0	707.6	710.9
Tires and inner tubes .....	301	77.6	77.3	72.8	72.7	—	59.2	59.1	55.2	55.2	—
Rubber and plastics footwear .....	302	3.3	3.4	2.8	3.0	—	2.5	2.6	2.3	2.6	—
Hose, belting, gaskets, and packing .....	305	72.8	71.7	66.0	64.8	—	56.9	56.3	52.1	51.6	—
Rubber and plastics hose and belting .....	3052	29.8	29.3	27.5	26.9	—	23.8	23.8	22.4	21.8	—
Fabricated rubber products, nec .....	306	102.5	101.8	95.5	95.0	—	77.7	78.2	71.2	70.9	—
Miscellaneous plastics products, nec .....	308	721.2	716.5	680.3	679.3	—	560.8	557.7	528.2	527.3	—

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Leather and leather products .....	31	67.4	68.1	57.7	58.2	58.8	51.6	52.1	42.5	42.9	43.2
Leather tanning and finishing .....	311	10.7	10.6	8.4	8.5	—	8.7	8.6	6.4	6.4	—
Footwear cut stock and footwear, except rubber .....	313,4	27.5	28.0	23.5	23.7	—	21.6	22.4	18.5	18.7	—
Men's footwear, except athletic .....	3143	14.2	14.5	13.5	13.4	—	10.8	10.9	10.3	10.1	—
Women's footwear, except athletic .....	3144	4.9	5.3	3.7	3.8	—	3.8	4.2	2.8	2.9	—
Luggage .....	316	8.7	8.7	7.1	6.9	—	7.0	7.0	5.4	5.3	—
Handbags and personal leather goods .....	317	7.6	8.1	7.0	7.5	—	5.5	5.5	4.5	4.8	—
<b>Transportation and public utilities</b> .....		7,045	7,069	6,838	6,828	6,843	5,885	5,921	5,742	5,735	5,745
Transportation .....		4,520	4,542	4,327	4,321	4,338	—	—	—	—	—
Railroad transportation .....	40	227.7	228.4	225.0	225.1	225.0	—	—	—	—	—
Class I railroads plus Amtrak <sup>2</sup> .....	4011	188.3	188.9	186.0	186.0	—	—	—	—	—	—
Local and interurban passenger transit .....	41	490.6	493.6	490.3	494.4	497.7	451.8	454.6	449.6	454.0	—
Local and suburban transportation .....	411	236.8	238.0	242.1	243.0	—	216.1	217.2	220.1	221.2	—
Taxicabs .....	412	32.6	32.7	31.8	31.7	—	—	—	—	—	—
Intercity and rural bus transportation .....	413	23.1	22.9	21.4	20.6	—	20.8	20.7	19.0	18.6	—
School buses .....	415	159.2	159.5	159.8	162.6	—	—	—	—	—	—
Trucking and warehousing .....	42	1,828.0	1,836.6	1,795.9	1,788.8	1,798.4	1,599.3	1,606.8	1,564.7	1,560.2	—
Trucking and courier services, except air .....	421	1,608.0	1,615.7	1,579.0	1,571.5	—	1,416.5	1,423.9	1,388.6	1,383.6	—
Public warehousing and storage .....	422	210.7	211.9	208.2	208.8	—	174.4	174.9	168.3	169.0	—
Water transportation .....	44	189.7	193.2	192.7	194.3	196.4	—	—	—	—	—
Water transportation of freight, nec .....	444	15.1	15.0	14.9	15.1	—	—	—	—	—	—
Water transportation services .....	449	126.8	129.7	134.7	135.6	—	110.8	113.9	118.7	119.7	—
Transportation by air .....	45	1,296.4	1,301.0	1,181.9	1,176.4	1,177.5	—	—	—	—	—
Air transportation, scheduled .....	451	1,101.1	1,104.0	995.4	990.2	—	—	—	—	—	—
Air transportation, unscheduled .....	4512	596.7	597.6	509.8	506.7	—	—	—	—	—	—
Airports, flying fields, and services .....	458	148.6	151.2	139.8	139.7	—	—	—	—	—	—
Pipelines, except natural gas .....	46	13.5	13.2	13.8	13.7	13.8	9.2	9.2	10.4	10.3	—
Transportation services .....	47	474.4	475.5	427.8	428.3	428.9	390.4	391.0	338.9	340.0	—
Passenger transportation arrangement .....	472	217.0	218.1	182.0	183.3	—	179.7	180.8	141.3	142.2	—
Travel agencies .....	4724	171.1	170.8	143.0	143.7	—	141.7	141.5	109.4	109.6	—
Freight transportation arrangement .....	473	194.8	194.5	186.1	186.1	—	158.4	157.3	147.8	148.7	—
<b>Communications and public utilities</b> .....		2,525	2,527	2,511	2,507	2,505	—	—	—	—	—
Communications .....	48	1,682.0	1,685.0	1,665.7	1,664.9	1,665.6	1,283.4	1,297.1	1,320.7	1,320.6	—
Telephone communications .....	481	1,164.7	1,166.6	1,134.9	1,130.1	—	882.6	894.4	913.3	911.4	—
Telephone communications, except radio .....	4813	952.5	955.0	933.5	927.6	—	714.8	726.1	747.5	745.9	—
Radio and television broadcasting .....	483	255.8	256.3	251.3	252.9	—	205.9	207.0	198.9	199.9	—
Radio broadcasting stations .....	4832	115.9	116.0	115.5	116.8	—	—	—	—	—	—
Television broadcasting stations .....	4833	139.9	140.3	135.8	136.1	—	—	—	—	—	—
Cable and other pay television services .....	484	227.8	228.1	245.0	247.2	—	176.7	177.4	188.3	187.9	—
Electric, gas, and sanitary services .....	49	843.4	842.0	845.3	841.8	839.7	681.6	682.2	687.1	683.5	—
Electric services .....	491	352.4	352.1	353.8	352.6	—	283.5	282.8	285.3	283.7	—
Gas production and distribution .....	492	123.5	123.6	121.8	121.6	—	96.9	97.0	96.1	95.9	—
Combination utility services .....	493	151.8	151.2	150.2	148.5	—	125.5	126.2	123.6	122.1	—
Sanitary services .....	495	176.3	175.5	178.9	178.2	—	144.8	145.0	149.9	149.6	—
<b>Wholesale trade</b> .....		7,015	7,030	6,881	6,872	6,885	5,576	5,586	5,482	5,480	5,493
Durable goods .....	50	4,181	4,181	4,056	4,054	4,054	3,257	3,254	3,161	3,161	—
Motor vehicles, parts, and supplies .....	501	524.2	524.2	516.4	516.2	—	414.8	416.4	410.2	407.7	—
Automobiles and other motor vehicles .....	5012	165.8	165.6	162.0	163.0	—	—	—	—	—	—
Motor vehicle supplies and new parts .....	5013	287.4	286.2	282.1	280.5	—	—	—	—	—	—
Furniture and home furnishings .....	502	177.0	178.2	176.6	173.5	—	141.2	142.6	139.9	137.4	—
Furniture .....	5021	86.3	86.5	85.6	83.9	—	—	—	—	—	—
Home furnishings .....	5023	90.7	91.7	91.0	89.6	—	—	—	—	—	—

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Wholesale trade—Continued</b>											
<b>Durable goods—Continued</b>											
Lumber and other construction materials .....	503	288.9	289.6	290.7	290.0	—	239.5	240.4	241.4	241.4	—
Lumber, plywood, and millwork .....	5031	147.9	148.4	147.6	145.6	—	—	—	—	—	—
Construction materials, nec .....	5039	38.9	38.5	39.4	39.2	—	—	—	—	—	—
Professional and commercial equipment .....	504	955.1	953.3	913.2	917.7	—	716.7	712.9	686.7	692.2	—
Office equipment .....	5044	194.8	195.7	188.7	188.2	—	—	—	—	—	—
Computers, peripherals and software .....	5045	402.9	400.1	374.5	375.6	—	—	—	—	—	—
Medical and hospital equipment .....	5047	206.6	208.3	204.7	208.3	—	163.9	165.3	165.4	168.8	—
Metals and minerals, except petroleum .....	505	160.1	159.2	150.9	150.7	—	127.5	127.4	120.4	120.3	—
Electrical goods .....	506	589.9	587.9	555.5	551.5	—	428.2	423.4	397.5	394.0	—
Electrical apparatus and equipment .....	5063	237.2	235.9	227.7	227.2	—	—	—	—	—	—
Electrical appliances, television and radio sets .....	5064	49.3	48.6	47.4	47.8	—	—	—	—	—	—
Electronic parts and equipment .....	5065	303.4	303.4	280.4	276.5	—	—	—	—	—	—
Hardware, plumbing, and heating equipment .....	507	314.1	314.2	312.9	314.6	—	261.0	261.2	261.6	263.2	—
Hardware .....	5072	114.7	114.7	111.3	111.0	—	—	—	—	—	—
Plumbing and hydronic heating supplies .....	5074	117.7	117.6	118.7	120.7	—	—	—	—	—	—
Machinery, equipment, and supplies .....	508	830.7	833.6	812.4	809.6	—	666.3	669.0	652.0	651.2	—
Construction and mining machinery .....	5082	95.7	95.9	96.5	96.4	—	—	—	—	—	—
Farm and garden machinery .....	5083	116.4	117.0	118.5	121.4	—	—	—	—	—	—
Industrial machinery and equipment .....	5084	347.4	348.3	327.6	325.1	—	—	—	—	—	—
Industrial supplies .....	5085	148.1	148.2	144.0	142.8	—	—	—	—	—	—
Misc. wholesale trade durable goods .....	509	340.9	341.1	327.6	330.3	—	261.7	261.0	251.4	253.1	—
Scrap and waste materials .....	5093	122.9	122.7	112.1	110.8	—	—	—	—	—	—
<b>Nondurable goods</b>											
Paper and paper products .....	511	272.6	275.6	271.9	272.0	2,831	2,319	2,332	2,321	2,319	—
Stationery and office supplies .....	5112	158.7	161.3	161.1	160.7	—	227.4	229.2	225.7	227.2	—
Drugs, proprietaries, and sundries .....	512	261.8	262.7	267.2	268.0	—	217.3	218.9	230.6	232.9	—
Apparel, piece goods, and notions .....	513	222.3	221.1	207.1	204.3	—	182.0	180.3	169.3	166.7	—
Groceries and related products .....	514	952.4	952.4	945.0	943.0	—	800.8	802.0	794.4	793.2	—
Groceries, general line .....	5141	303.7	303.6	296.9	294.5	—	—	—	—	—	—
Meats and meat products .....	5147	59.4	59.5	60.0	60.2	—	—	—	—	—	—
Fresh fruits and vegetables .....	5148	102.0	103.8	99.8	100.6	—	—	—	—	—	—
Farm-product raw materials .....	515	96.0	96.5	95.4	95.0	—	77.1	77.7	77.3	77.2	—
Chemicals and allied products .....	516	172.3	174.4	177.9	176.9	—	124.5	126.6	129.6	127.8	—
Petroleum and petroleum products .....	517	154.7	153.9	158.6	158.6	—	127.5	127.6	133.5	133.0	—
Petroleum bulk stations and terminals .....	5171	58.4	58.0	57.5	58.1	—	—	—	—	—	—
Petroleum products, nec .....	5172	96.3	95.9	101.1	100.5	—	—	—	—	—	—
Beer, wine, and distilled beverages .....	518	164.3	165.5	167.5	168.0	—	131.9	132.9	134.0	134.9	—
Beer and ale .....	5181	102.1	102.9	104.0	103.8	—	—	—	—	—	—
Wine and distilled beverages .....	5182	62.2	62.6	63.5	64.2	—	—	—	—	—	—
Misc. wholesale trade nondurable goods .....	519	537.3	547.0	534.5	532.1	—	430.6	436.6	426.6	425.8	—
Farm supplies .....	5191	151.6	158.2	155.2	155.0	—	—	—	—	—	—
<b>Retail trade</b> .....		<b>22,941</b>	<b>23,021</b>	<b>23,050</b>	<b>22,918</b>	<b>23,006</b>	<b>20,114</b>	<b>20,185</b>	<b>20,159</b>	<b>20,013</b>	<b>20,084</b>
Building materials and garden supplies .....	52	951.1	977.6	969.7	971.4	1,000.7	786.7	812.2	799.0	797.8	—
Lumber and other building materials .....	521	597.7	614.3	626.1	627.6	—	504.9	519.5	524.1	523.1	—
Paint, glass, and wallpaper stores .....	523	62.7	62.2	62.9	62.2	—	45.1	45.1	46.5	46.0	—
Hardware stores .....	525	165.6	165.2	162.6	161.8	—	139.0	139.4	136.9	135.9	—
Retail nurseries and garden stores .....	526	80.6	91.6	74.8	77.1	—	64.6	75.3	59.7	61.8	—
General merchandise stores .....	53	2,710.9	2,700.3	2,751.3	2,684.2	2,681.9	2,508.0	2,496.7	2,541.2	2,467.6	—
Department stores .....	531	2,378.9	2,368.8	2,402.3	2,343.3	2,348.5	2,222.3	2,211.5	2,239.3	2,172.7	—
Variety stores .....	533	149.9	149.7	155.5	152.4	—	127.1	127.2	131.9	129.7	—
Miscellaneous general merchandise stores .....	539	182.1	181.8	193.5	188.5	—	158.6	158.0	170.0	165.2	—
Food stores .....	54	3,513.2	3,502.8	3,501.4	3,470.4	3,448.4	3,166.1	3,153.1	3,129.9	3,098.9	—
Grocery stores .....	541	3,110.0	3,098.8	3,096.0	3,063.7	—	2,820.7	2,806.2	2,784.6	2,752.5	—
Meat and fish markets .....	542	46.9	47.1	51.4	50.3	—	—	—	—	—	—
Dairy products stores .....	545	9.9	9.7	9.9	9.9	—	—	—	—	—	—
Retail bakeries .....	546	194.8	195.2	190.4	190.8	—	168.2	169.1	162.5	163.6	—
Automotive dealers and service stations .....	55	2,393.3	2,402.1	2,404.8	2,399.8	2,410.3	1,998.4	2,007.9	2,008.9	2,002.8	—
New and used car dealers .....	551	1,117.8	1,121.0	1,136.9	1,139.6	1,145.0	940.3	943.2	959.6	960.8	—

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Retail trade—Continued</b>											
<b>Automotive dealers and service stations—Continued</b>											
Auto and home supply stores .....	553	398.1	397.5	394.9	389.7	—	320.3	320.4	318.2	313.4	—
Gasoline service stations .....	554	642.5	642.6	634.5	628.1	—	549.7	549.9	541.7	535.2	—
Automotive dealers, nec .....	559	11.8	11.9	11.4	11.2	—	9.6	9.8	9.5	9.3	—
Apparel and accessory stores .....	56	1,184.1	1,188.0	1,225.4	1,176.6	1,183.2	973.7	976.9	1,006.1	959.8	—
Men's and boys' clothing stores .....	561	82.4	80.9	79.8	76.9	—	67.0	65.8	65.2	62.3	—
Women's clothing stores .....	562	284.7	284.3	286.4	280.1	—	227.2	228.1	228.4	221.9	—
Family clothing stores .....	565	442.7	445.9	469.4	440.0	—	383.6	385.4	408.4	381.2	—
Shoe stores .....	566	192.3	194.9	197.8	190.6	—	149.9	152.4	151.1	144.2	—
Furniture and home furnishings stores .....	57	1,136.3	1,136.1	1,146.1	1,131.9	1,131.4	934.2	931.5	944.1	930.2	—
Furniture and home furnishings stores .....	571	586.4	588.3	598.4	591.3	—	480.0	480.6	490.8	483.8	—
Furniture stores .....	5712	332.7	334.5	337.8	337.9	—	—	—	—	—	—
Household appliance stores .....	572	77.4	77.3	76.1	76.2	—	62.1	62.2	62.0	62.1	—
Radio, television, and computer stores .....	573	472.5	470.5	471.6	464.4	—	392.1	388.7	391.3	384.3	—
Radio, television, and electronic stores .....	5731	213.1	212.9	214.7	212.1	—	177.6	177.5	181.3	178.6	—
Record and prerecorded tape stores .....	5735	77.0	76.1	78.9	75.7	—	65.8	64.6	67.1	63.7	—
Eating and drinking places .....	58	7,939.1	8,031.9	7,894.8	7,963.8	8,064.1	7,134.2	7,224.2	7,082.4	7,147.6	—
Miscellaneous retail establishments .....	59	3,112.8	3,082.1	3,156.8	3,120.3	3,085.8	2,612.2	2,582.5	2,647.4	2,608.4	—
Drug stores and proprietary stores .....	591	681.8	681.8	686.3	684.0	—	591.6	591.1	592.9	587.2	—
Liquor stores .....	592	115.9	115.3	119.7	117.8	—	—	—	—	—	—
Used merchandise stores .....	593	136.7	137.4	139.5	140.6	—	114.3	115.0	117.0	118.1	—
Miscellaneous shopping goods stores .....	594	1,114.0	1,101.0	1,160.3	1,113.3	—	932.2	918.4	975.3	928.3	—
Sporting goods and bicycle shops .....	5941	207.0	205.8	217.6	210.7	—	—	—	—	—	—
Book stores .....	5942	156.4	152.1	161.5	154.8	—	—	—	—	—	—
Stationery stores .....	5943	113.2	112.2	110.2	110.6	—	—	—	—	—	—
Jewelry stores .....	5944	172.2	170.5	178.6	170.9	—	—	—	—	—	—
Gift, novelty, and souvenir shops .....	5947	241.4	241.4	247.2	240.6	—	—	—	—	—	—
Sewing, needlework, and piece goods .....	5949	46.7	46.3	48.6	48.0	—	—	—	—	—	—
Nonstore retailers .....	596	399.4	401.2	404.9	396.4	—	335.9	338.2	336.4	329.1	—
Catalog and mail-order houses .....	5961	272.8	273.4	283.3	273.4	—	—	—	—	—	—
Merchandising machine operators .....	5962	67.8	67.7	64.5	65.0	—	—	—	—	—	—
Fuel dealers .....	598	98.0	96.3	97.4	95.8	—	81.9	80.3	82.2	80.4	—
Retail stores, nec .....	599	567.0	549.1	548.7	572.4	—	462.0	445.5	446.3	469.5	—
Florists, tobacco stores, and newsstands .....	5992,3,4	180.8	161.4	159.7	183.5	—	—	—	—	—	—
Optical goods stores .....	5995	75.3	75.1	75.4	75.3	—	59.1	59.4	59.7	59.9	—
Miscellaneous retail stores, nec .....	5999	310.9	312.6	313.6	313.6	—	245.0	247.3	249.7	249.2	—
<b>Finance, insurance, and real estate<sup>3</sup></b> .....		7,552	7,579	7,584	7,572	7,583	5,528	5,549	5,549	5,529	5,536
<b>Finance</b> .....		3,737	3,749	3,767	3,760	3,761	—	—	—	—	—
Depository institutions .....	60	2,019.7	2,023.5	2,043.5	2,037.9	2,040.0	1,457.2	1,459.5	1,472.1	1,468.8	—
Commercial banks .....	602	1,413.4	1,415.4	1,426.5	1,422.5	1,422.9	1,007.5	1,009.0	1,016.4	1,014.8	—
State commercial banks .....	6022	570.2	572.1	584.9	583.5	—	408.2	409.9	418.1	416.2	—
National and commercial banks, nec .....	6021,9	843.2	843.3	841.6	839.0	—	599.3	599.1	598.3	598.6	—
Savings institutions .....	603	253.2	253.4	261.3	260.7	261.7	—	—	—	—	—
Federal savings institutions .....	6035	145.8	145.9	150.8	150.8	—	—	—	—	—	—
Savings institutions, except federal .....	6036	107.4	107.5	110.5	109.9	—	—	—	—	—	—
Credit unions .....	606	198.2	199.3	206.8	206.9	—	158.1	158.7	164.0	164.2	—
Nondepository institutions .....	61	681.8	687.7	727.8	729.6	728.8	448.7	454.5	494.3	494.0	—
Personal credit institutions .....	614	210.1	210.8	212.1	211.5	—	109.4	109.6	116.7	116.0	—
Business credit institutions .....	615	148.9	150.6	150.1	149.7	—	—	—	—	—	—
Mortgage bankers and brokers .....	616	302.3	305.7	344.1	346.7	346.2	—	—	—	—	—
Security and commodity brokers .....	62	776.4	776.3	739.1	734.8	736.4	—	—	—	—	—
Security brokers and dealers .....	621	565.3	564.6	528.1	524.9	—	—	—	—	—	—
Commodity contracts brokers, dealers, and exchanges .....	622,3	30.7	30.9	30.9	30.4	—	—	—	—	—	—
Security and commodity services .....	628	180.4	180.8	180.1	179.5	—	117.1	116.9	112.5	111.7	—
Holding and other investment offices .....	67	258.6	261.0	256.7	257.2	255.5	—	—	—	—	—
Holding offices .....	671	108.1	108.8	109.0	108.8	—	—	—	—	—	—

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Finance, insurance, and real estate—Continued</b>											
Insurance .....	63,64	2,345	2,351	2,346	2,341	2,342	—	—	—	—	—
Insurance carriers .....	63	1,588.9	1,592.5	1,590.5	1,585.6	1,586.1	1,253.5	1,257.6	1,259.3	1,252.2	—
Life insurance .....	631	477.5	477.2	465.6	461.7	—	334.3	333.9	322.2	317.0	—
Medical service and health insurance .....	632	388.3	387.7	393.2	392.3	—	314.3	314.5	323.4	322.9	—
Hospital and medical service plans .....	6324	310.9	310.4	315.4	315.4	—	250.8	250.7	258.6	259.0	—
Fire, marine, and casualty insurance .....	633	544.4	545.9	539.0	538.7	—	461.5	464.0	460.5	459.1	—
Title insurance .....	636	79.9	82.0	90.0	90.3	—	—	—	—	—	—
Insurance agents, brokers, and service .....	64	756.4	758.8	755.0	755.8	755.7	—	—	—	—	—
Real estate .....	65	1,470	1,479	1,471	1,471	1,480	—	—	—	—	—
Real estate operators and lessors .....	651	577.1	577.9	575.6	572.0	—	—	—	—	—	—
Real estate agents and managers .....	653	731.6	736.2	726.3	729.4	—	—	—	—	—	—
Subdividers and developers .....	655	119.0	121.9	120.4	120.4	—	—	—	—	—	—
<b>Services .....</b>		<b>40,499</b>	<b>40,771</b>	<b>40,149</b>	<b>40,516</b>	<b>40,860</b>	<b>35,296</b>	<b>35,560</b>	<b>34,891</b>	<b>35,252</b>	<b>35,560</b>
Agricultural services .....	07	700.3	741.8	720.7	718.7	759.0	573.4	611.6	589.9	587.3	—
Veterinary services .....	074	219.9	221.3	232.1	232.0	—	184.5	185.4	196.3	195.8	—
Landscape and horticultural services .....	078	423.9	462.9	430.2	429.6	—	342.7	379.2	345.6	344.5	—
Hotels and other lodging places .....	70	1,848.3	1,874.7	1,747.4	1,761.9	1,793.1	—	—	—	—	—
Hotels and motels .....	701	1,797.3	1,822.7	1,697.7	1,710.5	—	1,574.0	1,599.1	1,486.7	1,499.9	—
Personal services .....	72	1,338.4	1,333.2	1,345.0	1,361.6	1,360.0	—	—	—	—	—
Laundry, cleaning, and garment services .....	721	446.6	446.4	439.2	436.5	—	389.6	388.8	382.1	379.0	—
Photographic studios, portrait .....	722	67.8	70.4	69.1	70.1	—	—	—	—	—	—
Beauty shops .....	723	428.7	430.5	442.3	446.3	—	379.4	380.8	392.9	397.8	—
Funeral service and crematories .....	726	100.8	101.6	102.7	103.7	—	—	—	—	—	—
Miscellaneous personal services .....	729	280.9	270.4	278.1	291.2	—	251.5	242.3	239.8	252.3	—
Business services .....	73	9,643.2	9,651.5	9,116.4	9,114.4	9,230.0	8,513.1	8,520.7	7,968.7	7,972.5	—
Advertising .....	731	302.0	303.5	283.0	280.7	—	219.9	221.1	199.2	196.6	—
Advertising agencies .....	7311	197.0	197.6	179.1	177.9	—	—	—	—	—	—
Credit reporting and collection .....	732	161.0	162.2	171.2	174.4	—	—	—	—	—	—
Mailing, reproduction, and stenographic services .....	733	326.7	329.3	311.1	307.9	—	—	—	—	—	—
Photocopying and duplicating services .....	7334	83.2	84.1	78.5	77.6	—	67.0	66.5	62.3	61.8	—
Services to buildings .....	734	997.2	999.4	971.2	966.8	972.7	891.8	894.6	861.3	854.5	—
Disinfecting and pest control services .....	7342	92.7	94.6	94.2	94.4	—	74.5	76.4	69.2	68.0	—
Building maintenance services, nec .....	7349	904.5	904.8	877.0	872.4	—	817.3	818.2	792.1	786.5	—
Miscellaneous equipment rental and leasing .....	735	277.3	281.5	282.4	280.0	—	222.5	225.7	224.5	222.4	—
Medical equipment rental .....	7352	45.0	45.5	47.0	47.4	—	37.1	37.2	39.1	39.4	—
Heavy construction equipment rental .....	7353	56.6	57.2	58.1	56.5	—	48.0	48.5	49.3	48.1	—
Equipment rental and leasing, nec .....	7359	175.7	178.8	177.3	176.1	—	137.4	140.0	136.1	134.9	—
Personnel supply services .....	736	3,555.5	3,556.4	3,079.1	3,084.9	3,193.2	—	—	—	—	—
Employment agencies .....	7361	395.2	393.1	340.6	336.1	—	—	—	—	—	—
Help supply services .....	7363	3,160.3	3,163.3	2,738.5	2,748.8	2,849.0	3,029.8	3,034.3	2,618.4	2,632.4	—
Computer and data processing services .....	737	2,188.7	2,199.4	2,185.4	2,188.4	2,190.0	1,773.6	1,784.4	1,750.6	1,757.4	—
Computer programming services .....	7371	539.6	544.0	533.7	535.7	—	457.3	460.5	446.4	447.4	—
Prepackaged software .....	7372	319.0	321.3	322.0	320.0	—	—	—	—	—	—
Computer integrated systems design .....	7373	235.5	235.2	232.2	234.5	—	178.4	177.4	177.9	179.6	—
Data processing and preparation .....	7374	290.7	294.8	305.2	306.2	—	—	—	—	—	—
Information retrieval services .....	7375	260.3	261.8	252.9	252.9	—	208.3	210.0	209.5	210.3	—
Computer maintenance and repair .....	7378	54.6	55.5	56.7	58.0	—	42.0	42.7	44.9	46.5	—
Miscellaneous business services .....	738	1,834.8	1,819.8	1,833.0	1,831.3	—	1,608.4	1,592.9	1,606.7	1,604.1	—
Detective and armored car services .....	7381	605.6	604.0	646.8	645.3	—	557.9	556.0	601.3	599.5	—
Security systems services .....	7382	74.0	71.5	71.5	71.4	—	62.5	60.1	59.4	59.2	—
Photofinishing laboratories .....	7384	67.4	66.4	64.9	64.0	—	—	—	—	—	—
Auto repair, services, and parking .....	75	1,286.4	1,297.2	1,297.1	1,303.1	1,304.4	1,060.4	1,070.7	1,068.2	1,074.0	—
Automotive rentals, without drivers .....	751	231.1	232.1	224.2	224.6	—	188.2	188.7	183.1	183.9	—
Passenger car rental .....	7514	152.5	153.5	146.5	145.9	—	125.4	126.0	120.6	120.2	—
Automobile parking .....	752	83.4	83.8	82.4	82.4	—	73.7	73.8	72.0	72.0	—
Automotive repair shops .....	753	695.4	698.0	701.3	698.0	—	559.9	563.1	565.5	561.5	—
Automotive and tire repair shops .....	7532,4	241.2	242.0	245.6	245.5	—	196.5	197.8	200.0	199.5	—
General automotive repair shops .....	7538	309.1	310.1	310.2	308.1	—	248.6	249.5	250.5	248.4	—

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Services—Continued</b>											
Auto repair, services, and parking—Continued											
Automotive services, except repair .....	754	276.5	283.3	289.2	298.1	—	238.6	245.1	247.6	256.6	—
Carwashes .....	7542	152.5	156.5	159.5	164.6	—	135.7	139.5	140.4	145.5	—
Miscellaneous repair services .....	76	360.0	361.2	354.3	356.4	355.3	294.3	295.6	289.2	290.0	—
Electrical repair shops .....	762	103.9	103.7	103.1	103.4	—	—	—	—	—	—
Motion pictures .....	78	596.4	604.0	581.6	578.8	577.4	506.6	513.1	494.8	488.3	—
Motion picture production and services .....	781	276.2	281.2	239.2	240.2	—	236.2	240.4	195.2	195.5	—
Motion picture theaters .....	783	132.8	132.9	139.9	137.9	—	—	—	—	—	—
Video tape rental .....	784	170.1	172.7	186.6	184.8	—	138.6	140.9	161.0	156.0	—
Amusement and recreation services .....	79	1,554.3	1,613.6	1,529.5	1,545.9	1,590.9	1,338.7	1,394.7	1,315.9	1,332.0	—
Bowling centers .....	793	87.1	88.0	85.9	86.7	—	77.0	77.7	75.8	76.9	—
Misc. amusement and recreation services .....	799	1,135.3	1,185.7	1,096.7	1,105.7	—	984.7	1,032.3	951.9	960.1	—
Physical fitness facilities .....	7991	229.9	231.2	226.6	229.2	—	206.9	208.6	204.9	207.6	—
Membership sports and recreation clubs .....	7997	274.0	291.2	271.8	274.8	—	231.7	248.0	230.3	232.7	—
Health services .....	80	10213.5	10247.4	10480.5	10506.2	10548.4	9,051.3	9,087.0	9,304.8	9,328.4	—
Offices and clinics of medical doctors .....	801	1,953.2	1,958.5	2,004.3	2,011.0	2,018.3	1,610.0	1,615.6	1,649.5	1,653.6	—
Offices and clinics of dentists .....	802	695.4	694.5	706.0	711.0	—	607.7	607.3	620.5	624.5	—
Offices and clinics of other health practitioners .....	804	447.2	450.3	452.0	453.9	—	371.9	374.4	375.1	378.3	—
Offices and clinics of chiropractors and optometrists .....	8041,2	179.9	181.4	184.7	185.8	—	—	—	—	—	—
Nursing and personal care facilities .....	805	1,803.8	1,809.7	1,842.6	1,843.1	1,851.4	1,619.6	1,626.2	1,661.6	1,662.5	—
Skilled nursing care facilities .....	8051	1,372.4	1,377.1	1,399.8	1,400.5	—	—	—	—	—	—
Intermediate care facilities .....	8052	207.4	208.7	212.3	212.1	—	185.3	186.7	190.7	190.2	—
Nursing and personal care, nec .....	8059	224.0	223.9	230.5	230.5	—	—	—	—	—	—
Hospitals .....	806	4,040.6	4,052.8	4,164.1	4,170.7	4,181.6	3,708.1	3,721.2	3,829.4	3,837.2	—
General medical and surgical hospitals .....	8062	3,730.0	3,739.6	3,837.1	3,841.4	—	—	—	—	—	—
Psychiatric hospitals .....	8063	74.5	75.2	78.1	78.4	—	—	—	—	—	—
Specialty hospitals, excluding psychiatric .....	8069	236.1	238.0	248.9	250.9	—	—	—	—	—	—
Medical and dental laboratories .....	807	212.9	212.9	217.4	218.6	—	—	—	—	—	—
Home health care services .....	808	640.9	646.7	655.6	657.3	662.8	588.9	594.2	602.3	604.0	—
Legal services .....	81	1,014.0	1,016.7	1,024.8	1,023.6	1,026.9	806.6	809.1	810.1	808.6	—
Educational services .....	82	2,502.6	2,531.1	2,393.1	2,617.2	2,631.6	—	—	—	—	—
Elementary and secondary schools .....	821	754.2	757.3	761.4	775.0	—	—	—	—	—	—
Colleges and universities .....	822	1,403.0	1,424.3	1,285.6	1,477.9	—	—	—	—	—	—
Vocational schools .....	824	103.5	103.6	105.5	110.0	—	—	—	—	—	—
Social services .....	83	3,001.2	3,026.5	3,103.4	3,123.8	3,141.5	2,587.0	2,610.7	2,675.1	2,695.7	—
Individual and family services .....	832	835.5	844.1	881.1	889.7	—	721.7	729.6	759.7	768.3	—
Job training and related services .....	833	385.1	388.1	395.0	397.4	—	330.2	332.9	340.1	342.3	—
Child day care services .....	835	750.2	759.0	763.0	768.5	775.2	658.9	667.3	670.2	674.9	—
Residential care .....	836	826.2	829.5	854.6	856.5	861.4	712.7	716.3	737.8	740.4	—
Social services, nec .....	839	204.2	205.8	209.7	211.7	—	163.5	164.6	167.3	169.8	—
Museums and botanical and zoological gardens .....	84	100.5	103.4	101.0	101.0	104.1	—	—	—	—	—
Membership organizations .....	86	2,466.7	2,477.6	2,469.5	2,485.0	2,495.1	—	—	—	—	—
Business associations .....	861	115.8	117.0	113.5	114.3	—	—	—	—	—	—
Professional organizations .....	862	72.4	72.5	75.4	76.0	—	52.0	52.2	54.5	55.0	—
Labor organizations .....	863	147.4	151.1	146.2	149.1	—	—	—	—	—	—
Civic and social associations .....	864	442.8	448.0	442.9	455.1	—	—	—	—	—	—
Engineering and management services .....	87	3,500.7	3,519.1	3,513.8	3,547.3	3,572.4	2,668.4	2,688.4	2,680.7	2,709.8	—
Engineering and architectural services .....	871	1,038.0	1,040.6	1,054.0	1,049.5	1,055.0	846.5	847.5	852.5	848.5	—
Engineering services .....	8711	783.0	784.8	796.8	793.2	—	645.5	646.1	650.1	647.7	—
Architectural services .....	8712	190.6	190.5	191.6	190.7	—	149.3	149.0	149.1	147.9	—
Surveying services .....	8713	64.4	65.3	65.6	65.6	—	51.7	52.4	53.3	52.9	—
Accounting, auditing, and bookkeeping .....	872	696.4	700.7	680.5	707.3	—	518.4	524.5	513.6	539.8	—

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>				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Services—Continued</b>											
<b>Engineering and management services—Continued</b>											
Research and testing services .....	873	651.7	657.2	660.0	667.5	—	487.1	495.4	505.9	511.3	—
Commercial physical research .....	8731	245.2	247.9	253.4	254.5	—	161.4	165.8	183.7	183.2	—
Commercial nonphysical research .....	8732	141.2	141.7	130.3	136.0	—	117.3	118.1	104.5	110.4	—
Noncommercial research organizations .....	8733	159.6	161.9	168.4	169.5	—	124.7	126.9	130.3	131.0	—
Management and public relations .....	874	1,114.6	1,120.6	1,119.3	1,123.0	1,132.1	816.4	821.0	808.7	810.2	—
Management services .....	8741	330.5	333.4	329.8	327.1	—	247.1	250.1	240.8	236.8	—
Management consulting services .....	8742	421.4	421.6	424.0	427.8	—	296.4	295.7	291.6	293.8	—
Public relations services .....	8743	55.3	55.2	50.3	50.9	—	37.2	37.7	35.2	35.7	—
Services, nec .....	89	50.6	50.7	49.7	49.8	48.4	38.8	39.1	37.7	37.8	—
<b>Government</b> .....		21,016	21,134	20,984	21,415	21,536	—	—	—	—	—
<b>Federal Government<sup>4</sup></b> .....		2,605	2,608	2,587	2,593	2,595	—	—	—	—	—
Executive, by agency <sup>4</sup> .....		2,543.0	2,545.4	2,523.8	—	—	—	—	—	—	—
Department of Defense .....		615.7	615.7	614.1	—	—	—	—	—	—	—
Postal Service <sup>5</sup> .....		856.9	856.0	830.6	—	—	—	—	—	—	—
Other executive agencies .....		1,070.4	1,073.7	1,079.1	—	—	—	—	—	—	—
Legislative .....		29.7	29.9	30.3	—	—	—	—	—	—	—
Judicial .....		32.1	32.3	33.2	—	—	—	—	—	—	—
Federal Government, except Postal Service .....		1,747.9	1,751.6	1,756.7	1,764.8	1,767.8	—	—	—	—	—
Federal Government, by industry:											
Manufacturing activities .....		46.8	46.8	46.8	46.7	—	—	—	—	—	—
Ship building and repairing .....	3731	22.5	22.5	23.2	23.2	—	—	—	—	—	—
Transportation and public utilities, except Postal Service .....		14.3	14.3	15.1	15.0	—	—	—	—	—	—
Services .....		356.5	357.8	359.0	357.7	—	—	—	—	—	—
Hospitals .....	806	223.6	223.3	225.1	224.2	—	—	—	—	—	—
State government .....		4,928	4,973	4,842	5,032	5,071	—	—	—	—	—
Construction .....		91.1	91.5	92.0	91.8	—	—	—	—	—	—
Transportation and public utilities .....		53.7	53.4	53.6	54.2	—	—	—	—	—	—
Services .....		2,886.3	2,925.1	2,778.5	2,965.1	—	—	—	—	—	—
Hospitals .....	806	342.9	344.1	350.4	349.9	—	—	—	—	—	—
Education .....	82	2,171.7	2,208.7	2,056.3	2,241.3	2,277.5	—	—	—	—	—
Social services .....		219.9	220.4	216.6	215.6	—	—	—	—	—	—
Services, except hospitals, education, and social services .....		151.8	151.9	155.2	158.3	—	—	—	—	—	—
General administration, including executive, legislative, and judicial functions .....		1,896.8	1,903.0	1,917.4	1,920.7	—	—	—	—	—	—
State government, except education .....		2,756.2	2,764.3	2,785.2	2,790.5	2,793.9	—	—	—	—	—
Local government .....		13,483	13,553	13,555	13,790	13,870	—	—	—	—	—
Transportation and public utilities .....		480.4	483.2	493.0	491.8	—	—	—	—	—	—
Services .....		9,095.5	9,146.4	9,087.4	9,311.9	—	—	—	—	—	—
Hospitals .....	806	636.7	638.5	659.0	661.4	—	—	—	—	—	—
Education .....	82	7,847.5	7,891.3	7,807.9	8,022.8	8,080.9	—	—	—	—	—
Social services .....		152.5	153.2	152.8	153.3	—	—	—	—	—	—
Services, except hospitals, education, and social services .....		458.8	463.4	467.7	474.4	—	—	—	—	—	—
General administration, including executive, legislative, and judicial functions .....		3,907.1	3,923.1	3,974.5	3,986.0	—	—	—	—	—	—
Local government, except education .....		5,635.5	5,661.4	5,747.0	5,766.9	5,789.3	—	—	—	—	—

<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 employees of the Central Intelligence Agency, the Defense 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 2000 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 2000 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	Dec. 2000	Jan. 2001	Nov. 2001	Dec. 2001	Jan. 2002
<b>Total</b> .....	64,947	63,563	64,754	64,824	63,441
<b>Total private</b> .....	53,080	51,901	52,510	52,605	51,446
<b>Goods-producing</b> .....	6,639	6,534	6,218	6,180	6,068
<b>Mining</b> .....	76	75	78	78	75
<b>Construction</b> .....	736	716	763	761	738
<b>Manufacturing</b> .....	5,827	5,743	5,377	5,341	5,255
<b>Durable goods</b> .....	2,999	2,968	2,711	2,701	2,656
Lumber and wood products .....	146.1	142.3	141.9	141.3	140.4
Furniture and fixtures .....	179.8	177.7	160.4	169.2	167.8
Stone, clay, and glass products .....	101.8	99.1	93.0	92.6	90.8
Primary metal industries .....	106.5	105.5	94.6	94.2	91.9
Fabricated metal products .....	350.7	348.6	322.9	321.6	317.5
Industrial machinery and equipment .....	466.9	467.0	414.5	410.6	406.6
Electronic and other electrical equipment .....	709.6	704.3	596.3	587.0	576.0
Transportation equipment .....	407.8	396.9	381.7	383.1	369.7
Instruments and related products .....	356.3	357.3	341.6	339.3	336.9
Miscellaneous manufacturing .....	173.3	169.0	164.2	162.1	158.6
<b>Nondurable goods</b> .....	2,828	2,775	2,666	2,640	2,599
Food and kindred products .....	555.2	542.8	560.0	550.1	539.5
Tobacco products .....	11.0	10.6	11.0	11.0	10.9
Textile mill products .....	231.2	227.4	207.8	202.7	199.3
Apparel and other textile products .....	428.1	415.6	375.4	371.8	362.1
Paper and allied products .....	161.5	159.9	153.3	152.8	151.8
Printing and publishing .....	697.3	685.6	652.2	649.5	637.0
Chemicals and allied products .....	347.1	344.9	343.1	342.6	341.9
Petroleum and coal products .....	21.5	21.3	21.6	21.2	20.6
Rubber and misc. plastics products .....	337.8	330.9	308.8	305.7	303.6
Leather and leather products .....	37.3	36.3	33.1	32.1	32.0
<b>Service-producing</b> .....	58,308	57,029	58,536	58,644	57,373
<b>Transportation and public utilities</b> .....	2,228	2,197	2,176	2,160	2,108
<b>Wholesale trade</b> .....	2,205	2,180	2,152	2,167	2,141
<b>Retail trade</b> .....	12,779	12,123	12,568	12,723	12,101
<b>Finance, insurance, and real estate</b> .....	4,754	4,739	4,790	4,799	4,784
<b>Services</b> .....	24,475	24,128	24,606	24,576	24,244
<b>Government</b> .....	11,867	11,662	12,244	12,219	11,995
Federal .....	1,054	1,054	1,076	1,079	1,079
State .....	2,539	2,445	2,628	2,607	2,513
Local .....	8,274	8,163	8,540	8,533	8,403

NOTE: Establishment survey estimates are currently projected from March 2000 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 2000 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		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>Alabama</b> .....	1,905.9	1,885.0	1,891.6	8.3	8.3	8.3	101.9	102.2	101.9
Birmingham .....	482.7	479.6	480.6	2.6	2.7	2.6	29.7	30.0	30.0
Huntsville .....	185.1	183.3	184.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.9	6.8	6.9
Mobile .....	227.2	225.2	227.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.7	17.3	17.2
Montgomery .....	163.9	164.0	165.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.6	9.0	9.0
Tuscaloosa .....	83.3	80.8	81.1	2.3	2.3	2.3	5.6	5.7	5.7
<b>Alaska</b> .....	275.1	272.0	279.6	11.5	10.2	10.2	11.5	11.7	11.8
Anchorage .....	132.6	133.8	134.9	3.2	2.7	2.7	6.0	6.0	6.1
<b>Arizona</b> .....	2,278.4	2,229.8	2,253.5	9.5	8.6	8.7	161.9	154.7	155.6
Phoenix-Mesa .....	1,605.8	1,566.3	1,581.1	2.4	2.3	2.3	119.0	114.1	114.4
Tucson .....	353.4	346.2	350.4	1.9	1.6	1.5	21.7	20.6	21.1
<b>Arkansas</b> .....	1,148.3	1,135.6	1,143.6	3.6	4.0	3.9	49.3	51.9	52.3
Fayetteville-Springdale-Rogers .....	156.6	159.2	161.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.8	7.3	7.4
Fort Smith .....	100.9	100.5	100.5	.9	1.0	1.0	4.1	4.4	4.4
Little Rock-North Little Rock .....	313.4	310.0	311.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.2	15.4	15.3
Pine Bluff .....	36.0	35.7	36.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.0	1.0	1.0
<b>California</b> .....	14,592.9	14,496.5	14,561.2	23.6	23.9	23.7	725.9	733.1	736.2
Bakersfield .....	197.0	201.2	201.2	9.0	8.8	8.7	11.3	11.8	11.8
Fresno .....	297.2	301.0	302.7	.4	.4	.4	16.3	17.2	17.4
Los Angeles-Long Beach .....	4,083.6	4,040.7	4,062.4	4.2	4.3	4.2	128.9	128.6	127.4
Modesto .....	144.0	149.1	149.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	10.3	10.5	10.4
Oakland .....	1,055.2	1,048.2	1,050.2	1.8	1.9	1.9	66.3	66.3	67.0
Orange County .....	1,406.6	1,414.4	1,422.9	.6	.7	.7	76.3	79.8	80.5
Riverside-San Bernardino .....	1,008.0	1,042.5	1,047.1	1.2	1.2	1.2	80.1	88.1	88.3
Sacramento .....	718.6	729.6	729.7	.4	.4	.4	47.8	51.2	51.4
Salinas .....	128.2	126.7	127.1	.2	.2	.2	6.4	5.8	5.9
San Diego .....	1,208.1	1,226.4	1,233.9	.3	.3	.3	70.8	72.6	72.9
San Francisco .....	1,081.7	1,040.8	1,040.1	.1	.1	.1	45.1	43.7	43.3
San Jose .....	1,048.5	965.7	966.1	.2	.2	.2	49.7	43.8	43.3
Santa Barbara-Santa Maria-Lompoc .....	165.1	164.4	166.0	.8	.8	.8	7.9	8.5	8.5
Santa Rosa .....	188.7	186.3	188.0	.3	.3	.3	12.5	12.5	12.6
Stockton-Lodi .....	186.3	190.5	191.1	.2	.2	.2	11.7	12.0	12.1
Vallejo-Fairfield-Napa .....	172.2	173.4	175.0	.6	.7	.7	13.1	13.6	13.6
Ventura .....	276.8	278.7	280.3	.9	.9	.9	14.4	14.5	14.6
<b>Colorado</b> .....	2,222.8	2,182.2	2,185.3	13.1	14.6	14.5	157.9	156.6	153.3
Boulder-Longmont .....	190.9	187.3	188.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.9	8.3	7.9
Colorado Springs .....	243.4	242.3	242.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.6	15.0	14.9
Denver .....	1,179.0	1,138.9	1,139.9	6.1	6.5	6.4	87.4	82.8	83.2
<b>Connecticut</b> .....	1,666.7	1,653.1	1,655.1	.7	.8	.7	58.3	59.7	59.7
Bridgeport .....	185.0	181.2	180.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	5.9	5.7
Danbury .....	87.0	85.8	86.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.7	3.6
Hartford .....	614.4	600.4	602.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.8	20.9	20.7
New Haven-Meriden .....	257.6	257.4	258.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.1	9.3	9.1
New London-Norwich .....	137.6	140.6	140.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	5.1	5.0
Stamford-Norwalk .....	202.8	203.4	201.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.5	6.1	6.2
Waterbury .....	84.5	84.3	84.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.1	3.3	3.2
<b>Delaware</b> .....	411.2	408.0	409.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.7	22.6	22.4
Dover .....	54.5	54.8	55.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.5	2.5	2.5
Wilmington-Newark .....	325.1	320.0	322.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	16.6	17.1	16.9
<b>District of Columbia</b> .....	642.0	638.0	643.6	.1	.1	.1	10.4	9.5	9.5
Washington PMSA .....	2,755.8	2,755.8	2,764.3	1.1	1.0	1.0	151.2	153.4	152.9
<b>Florida</b> .....	7,206.8	7,143.7	7,193.4	6.3	6.2	6.3	397.8	399.6	401.5
Daytona Beach .....	162.5	157.5	159.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8.9	9.1	9.1
Fort Lauderdale .....	703.9	697.2	703.1	.2	.2	.2	42.8	45.0	45.5
Fort Myers-Cape Coral .....	177.7	178.5	179.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	18.1	17.9	17.9
Gainesville .....	124.6	120.1	122.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.3	4.3	4.3
Jacksonville .....	564.0	565.3	569.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	30.7	30.0	30.4
Lakeland-Winter Haven .....	186.2	183.3	183.4	2.2	2.1	2.2	10.8	11.0	10.8
Melbourne-Titusville-Palm Bay .....	194.3	191.4	192.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	11.5	11.6	11.7
Miami .....	1,035.9	1,032.4	1,037.2	.5	.5	.5	37.2	35.7	35.5
Orlando .....	916.4	896.1	903.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	50.9	47.5	47.9
Pensacola .....	154.3	153.6	154.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	12.1	12.1	12.0
Sarasota-Bradenton .....	279.2	286.1	286.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	16.2	16.9	16.9
Tallahassee .....	161.5	159.7	162.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	6.4	6.2	6.2
Tampa-St. Petersburg-Clearwater .....	1,234.9	1,215.4	1,225.6	.4	.5	.5	58.5	61.1	61.0
West Palm Beach-Boca Raton .....	514.1	513.6	517.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	32.5	33.3	33.4

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>Alabama</b> .....	346.0	331.6	330.3	95.8	92.9	93.0	433.4	429.6	430.0
Birmingham .....	50.6	48.3	47.8	31.2	29.8	29.8	115.9	114.3	113.9
Huntsville .....	35.8	33.1	33.6	5.0	4.8	4.9	37.3	37.2	37.1
Mobile .....	25.3	25.5	25.4	13.3	12.3	12.4	57.6	57.4	57.8
Montgomery .....	18.0	17.0	17.1	7.3	7.3	7.4	36.8	37.1	37.3
Tuscaloosa .....	13.4	12.5	12.4	2.6	2.5	2.5	18.5	17.9	17.8
<b>Alaska</b> .....	13.6	9.3	13.3	26.0	25.9	26.1	53.4	54.9	54.8
Anchorage .....	2.1	2.2	2.2	14.7	14.6	14.8	30.6	31.6	31.5
<b>Arizona</b> .....	214.7	196.8	195.8	112.4	106.9	107.1	534.1	532.9	536.4
Phoenix-Mesa .....	164.8	147.7	147.5	87.7	83.0	83.2	382.2	382.0	384.2
Tucson .....	33.6	33.0	32.6	12.2	10.9	10.9	72.2	71.2	72.0
<b>Arkansas</b> .....	245.3	231.6	231.1	71.3	73.9	74.8	261.3	259.3	260.3
Fayetteville-Springdale-Rogers .....	35.5	34.8	34.8	11.7	13.9	15.0	44.5	44.8	44.7
Fort Smith .....	28.1	27.0	27.0	6.6	6.4	6.4	19.9	20.2	20.2
Little Rock-North Little Rock .....	32.5	29.8	29.7	22.2	21.7	21.5	71.9	70.9	71.1
Pine Bluff .....	8.0	7.5	7.5	2.1	2.1	2.2	7.0	7.2	7.2
<b>California</b> .....	1,948.1	1,822.5	1,824.0	746.8	722.9	721.8	3,288.7	3,312.3	3,308.8
Bakersfield .....	11.9	12.1	12.3	10.9	11.0	11.0	43.4	44.9	44.6
Fresno .....	30.6	29.7	29.8	13.8	13.9	13.8	70.4	71.2	71.1
Los Angeles-Long Beach .....	614.4	591.5	594.2	247.1	244.9	246.9	898.6	902.0	902.1
Modesto .....	24.7	24.3	24.3	5.6	5.7	5.7	37.1	39.4	38.9
Oakland .....	125.7	117.2	116.7	64.6	62.0	61.7	236.2	236.6	235.1
Orange County .....	230.6	220.0	221.4	52.0	51.8	51.9	344.7	349.0	349.0
Riverside-San Bernardino .....	126.2	121.9	123.2	51.0	52.5	52.5	253.3	258.5	258.2
Sacramento .....	52.2	47.8	47.4	27.5	27.4	27.0	153.1	156.1	155.4
Salinas .....	10.4	10.3	10.1	4.8	4.6	4.5	32.3	32.8	32.3
San Diego .....	131.8	128.9	128.5	52.0	50.6	50.6	267.5	273.2	273.3
San Francisco .....	67.4	61.7	61.9	82.0	72.4	72.3	219.2	213.8	212.4
San Jose .....	271.1	233.6	233.1	30.1	29.0	29.0	194.5	186.7	186.1
Santa Barbara-Santa Maria-Lompoc .....	16.9	15.8	15.9	5.0	4.9	4.9	39.3	39.3	39.3
Santa Rosa .....	32.8	30.3	30.3	6.4	6.3	6.3	42.6	42.9	42.7
Stockton-Lodi .....	23.4	22.6	22.6	13.7	13.5	13.4	43.6	45.3	45.0
Vallejo-Fairfield-Napa .....	21.4	21.1	21.3	5.5	5.3	5.3	41.9	43.1	43.0
Ventura .....	41.3	40.7	41.1	10.8	11.0	11.0	65.8	66.2	66.2
<b>Colorado</b> .....	204.9	189.3	188.3	146.4	137.5	136.8	521.1	525.9	521.7
Boulder-Longmont .....	31.9	30.3	30.2	7.3	5.7	5.7	42.3	42.1	41.4
Colorado Springs .....	30.2	26.7	26.2	13.3	13.1	13.2	52.2	52.8	52.1
Denver .....	88.2	81.0	80.6	102.9	95.0	94.5	275.1	269.9	268.7
<b>Connecticut</b> .....	260.1	246.1	245.1	78.9	76.7	76.3	349.3	355.1	351.1
Bridgeport .....	36.8	35.4	35.1	7.7	8.1	8.0	40.0	40.1	39.2
Danbury .....	18.3	17.6	17.8	2.9	2.8	2.9	19.9	20.0	19.5
Hartford .....	90.8	87.2	86.8	27.6	27.3	27.1	119.3	117.1	115.5
New Haven-Meriden .....	37.4	36.6	36.2	15.9	15.7	15.6	51.4	51.8	51.2
New London-Norwich .....	22.7	22.6	22.7	6.4	5.9	6.0	26.5	27.3	26.8
Stamford-Norwalk .....	24.1	22.8	22.9	9.7	9.6	9.6	42.4	42.5	41.2
Waterbury .....	17.4	16.1	16.2	3.7	3.8	3.8	17.0	17.3	17.0
<b>Delaware</b> .....	55.0	54.5	55.0	17.3	16.7	16.9	87.3	88.1	87.5
Dover .....	6.2	6.0	6.1	1.9	2.0	2.1	11.7	11.8	11.7
Wilmington-Newark .....	40.9	40.3	41.2	15.6	14.5	14.7	66.0	66.5	66.2
<b>District of Columbia</b> .....	11.4	11.0	11.2	18.0	17.8	17.7	49.8	48.1	48.4
Washington PMSA .....	103.1	99.9	100.1	141.5	133.4	132.5	483.5	488.4	486.3
<b>Florida</b> .....	482.7	451.4	449.7	370.4	354.6	355.2	1,781.1	1,767.6	1,771.1
Daytona Beach .....	13.5	13.1	13.1	6.0	5.7	5.8	43.8	42.2	42.7
Fort Lauderdale .....	40.2	37.7	37.7	33.1	32.1	32.2	193.8	190.4	191.3
Fort Myers-Cape Coral .....	7.3	7.1	7.1	7.5	7.4	7.4	50.8	50.0	50.2
Gainesville .....	5.3	4.4	4.4	2.6	2.4	2.4	25.6	25.3	25.4
Jacksonville .....	37.8	37.6	37.7	40.2	38.6	38.7	130.9	131.6	132.0
Lakeland-Winter Haven .....	18.8	17.7	17.6	10.5	10.4	10.4	53.6	52.2	52.2
Melbourne-Titusville-Palm Bay .....	27.7	25.9	25.8	5.3	5.0	5.1	45.9	45.6	45.7
Miami .....	66.7	60.5	60.5	96.1	93.5	93.8	264.7	264.8	265.5
Orlando .....	55.5	53.1	52.7	46.4	43.6	43.7	221.1	220.3	220.0
Pensacola .....	8.9	8.7	8.8	6.0	5.9	5.9	37.9	39.0	39.2
Sarasota-Bradenton .....	21.9	21.2	21.0	5.9	5.3	5.3	65.0	63.5	63.6
Tallahassee .....	4.5	4.0	4.1	4.1	3.8	3.9	32.2	31.9	31.9
Tampa-St. Petersburg-Clearwater .....	91.3	85.1	84.7	58.1	54.3	54.5	276.2	269.2	269.8
West Palm Beach-Boca Raton .....	30.6	27.9	27.7	18.9	18.5	18.5	129.8	129.5	130.0

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	Finance, insurance, and real estate			Services			Government		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>Alabama</b> .....	91.2	91.9	91.8	473.7	473.4	478.0	355.6	355.1	358.3
Birmingham .....	38.5	39.2	39.2	144.4	146.0	147.7	69.8	69.3	69.6
Huntsville .....	5.1	5.0	5.0	55.0	55.7	56.1	40.0	40.7	40.6
Mobile .....	10.2	10.6	10.7	67.0	67.2	68.3	36.1	34.9	35.2
Montgomery .....	10.1	9.9	9.9	45.7	46.3	46.6	37.4	37.4	37.9
Tuscaloosa .....	2.5	2.5	2.5	15.7	15.4	15.5	22.7	22.0	22.4
<b>Alaska</b> .....	12.3	12.4	12.5	68.7	69.5	70.3	78.1	78.1	80.6
Anchorage .....	7.6	7.5	7.5	39.4	39.8	40.2	29.0	29.4	29.9
<b>Arizona</b> .....	148.5	150.4	150.2	713.7	697.3	704.5	383.6	382.2	395.2
Phoenix-Mesa .....	124.8	126.0	125.7	518.6	504.8	509.6	206.3	206.4	214.2
Tucson .....	14.6	15.0	15.1	118.5	114.9	116.5	78.7	79.0	80.7
<b>Arkansas</b> .....	45.7	46.0	46.2	276.2	272.7	275.6	195.6	196.2	199.4
Fayetteville-Springdale-Rogers .....	5.4	5.7	5.7	32.0	32.3	32.5	20.7	20.4	21.3
Fort Smith .....	3.2	3.2	3.2	26.6	26.8	26.7	11.5	11.5	11.6
Little Rock-North Little Rock .....	17.7	17.7	17.8	92.2	92.6	93.1	61.7	61.9	62.5
Pine Bluff .....	1.3	1.3	1.3	8.5	8.6	8.6	8.1	8.0	8.3
<b>California</b> .....	834.2	845.8	847.2	4,659.1	4,615.7	4,649.8	2,366.5	2,420.3	2,449.7
Bakersfield .....	7.2	7.2	7.3	49.4	50.2	50.1	53.9	55.2	55.4
Fresno .....	14.7	14.7	14.8	76.2	78.0	78.6	74.8	75.9	76.8
Los Angeles-Long Beach .....	231.8	233.2	234.1	1,361.9	1,331.9	1,347.1	596.7	604.3	606.4
Modesto .....	4.8	4.9	4.9	37.5	39.2	39.5	24.0	25.1	25.3
Oakland .....	58.0	59.9	60.2	324.2	322.8	322.9	178.4	181.5	184.7
Orange County .....	110.7	113.1	113.7	440.5	446.3	448.3	151.2	153.7	157.4
Riverside-San Bernardino .....	32.8	34.5	34.5	266.2	279.3	281.2	197.2	206.5	208.0
Sacramento .....	48.9	48.9	48.6	205.3	205.7	205.9	183.4	192.1	193.6
Salinas .....	6.6	6.6	6.7	37.4	35.3	35.9	30.1	31.1	31.5
San Diego .....	69.8	71.5	72.0	403.3	410.9	415.3	212.6	218.4	221.0
San Francisco .....	106.8	104.1	103.5	431.8	414.2	414.8	129.3	130.8	131.8
San Jose .....	33.0	32.8	32.8	376.1	343.8	345.4	93.8	95.8	96.2
Santa Barbara-Santa Maria-Lompoc .....	8.1	8.3	8.3	52.9	51.6	52.1	34.2	35.2	36.2
Santa Rosa .....	10.6	10.8	10.8	54.8	54.5	55.2	28.7	28.7	29.8
Stockton-Lodi .....	8.9	9.5	9.5	46.9	47.9	48.5	37.9	39.5	39.8
Vallejo-Fairfield-Napa .....	6.9	7.2	7.2	48.5	47.3	47.9	34.3	35.1	36.0
Ventura .....	17.7	18.5	18.5	80.3	80.9	81.3	45.6	46.0	46.7
<b>Colorado</b> .....	143.5	144.0	143.3	691.6	669.0	670.8	344.3	345.3	356.6
Boulder-Longmont .....	7.1	7.4	7.4	66.3	65.1	65.8	28.1	28.4	29.9
Colorado Springs .....	14.1	15.2	15.1	79.2	79.6	80.5	38.8	39.9	40.5
Denver .....	93.4	91.0	91.4	369.8	354.6	353.7	156.1	158.1	161.4
<b>Connecticut</b> .....	141.8	142.1	142.0	530.7	526.6	528.9	246.9	246.0	251.3
Bridgeport .....	12.3	11.9	11.8	60.6	58.6	59.6	21.6	21.2	21.3
Danbury .....	5.6	5.6	5.6	25.1	24.7	24.6	11.6	11.4	12.0
Hartford .....	72.9	73.0	72.7	181.2	176.5	178.4	101.8	98.4	101.7
New Haven-Meriden .....	12.6	13.0	12.8	95.7	95.8	98.1	35.5	35.2	35.4
New London-Norwich .....	3.3	3.4	3.4	35.4	35.4	35.4	38.2	40.9	40.8
Stamford-Norwalk .....	27.2	27.6	27.6	75.2	75.9	75.0	18.7	18.9	18.7
Waterbury .....	3.5	3.6	3.6	26.6	27.4	27.7	13.2	12.8	12.9
<b>Delaware</b> .....	51.4	51.4	51.8	120.7	119.2	119.6	56.8	55.5	56.5
Dover .....	2.1	2.4	2.4	14.7	14.6	14.8	15.4	15.5	15.5
Wilmington-Newark .....	45.3	45.3	45.4	97.0	95.0	94.9	43.7	41.3	42.9
<b>District of Columbia</b> .....	31.3	32.1	32.3	302.4	300.7	306.8	218.6	218.7	217.6
Washington PMSA .....	149.2	151.2	151.3	1,124.9	1,124.3	1,134.4	601.3	604.2	605.8
<b>Florida</b> .....	452.2	454.7	455.9	2,687.1	2,665.2	2,699.1	1,029.2	1,044.4	1,054.6
Daytona Beach .....	6.6	6.5	6.5	59.6	56.7	57.4	24.1	24.2	24.5
Fort Lauderdale .....	50.7	50.1	50.4	248.5	245.0	248.5	94.6	96.7	97.3
Fort Myers-Cape Coral .....	9.9	10.3	10.4	57.2	58.6	59.0	26.7	27.0	27.4
Gainesville .....	6.2	6.4	6.4	38.9	37.1	37.4	41.7	40.2	42.1
Jacksonville .....	57.8	58.3	58.2	198.2	200.9	203.3	67.9	67.8	68.5
Lakeland-Winter Haven .....	9.4	9.5	9.5	53.9	54.1	54.5	27.0	26.3	26.2
Melbourne-Titusville-Palm Bay .....	6.4	6.5	6.5	70.7	70.0	70.4	26.8	26.8	27.0
Miami .....	66.6	67.1	67.0	355.2	357.9	362.2	148.9	152.4	152.2
Orlando .....	51.2	51.6	51.8	396.1	383.0	388.4	94.8	96.5	98.6
Pensacola .....	6.1	6.1	6.1	53.2	52.3	52.5	29.9	29.3	29.6
Sarasota-Bradenton .....	12.9	12.9	13.0	132.6	137.7	141.2	24.7	25.1	25.1
Tallahassee .....	6.3	6.3	6.4	47.0	47.9	48.3	60.8	59.4	61.0
Tampa-St. Petersburg-Clearwater .....	91.6	91.5	91.7	511.3	503.9	511.7	147.5	149.8	151.7
West Palm Beach-Boca Raton .....	36.7	37.1	37.1	206.7	209.1	211.2	58.9	58.2	59.8

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		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>Georgia</b> .....	3,946.6	3,836.4	3,851.0	7.7	7.3	7.3	196.8	189.6	188.3
Albany .....	56.6	55.1	55.1	(1)	(1)	(1)	3.4	2.9	2.8
Athens .....	72.3	72.0	72.3	(1)	(1)	(1)	3.0	3.1	2.8
Atlanta .....	2,183.1	2,112.5	2,122.0	2.0	1.9	1.9	117.7	111.9	111.6
Augusta-Aiken .....	201.0	198.5	198.1	(1)	(1)	(1)	12.6	13.3	12.9
Columbus .....	116.9	116.3	117.5	(1)	(1)	(1)	5.6	5.4	5.6
Macon .....	145.1	146.9	146.5	.8	.6	.6	5.4	6.2	6.2
Savannah .....	134.8	135.9	135.7	(1)	(1)	(1)	7.7	8.1	7.4
<b>Hawaii</b> .....	557.0	542.2	548.3	(1)	(1)	(1)	23.7	23.7	23.8
Honolulu .....	415.4	402.0	407.7	(1)	(1)	(1)	16.8	16.5	16.8
<b>Idaho</b> .....	553.9	553.8	556.8	2.0	1.5	1.6	32.4	31.7	31.3
Boise City .....	226.7	225.3	227.4	(1)	(1)	(1)	15.4	15.4	15.4
<b>Illinois</b> .....	5,930.7	5,849.3	5,840.3	9.3	9.2	9.3	237.1	237.8	233.0
Bloomington-Normal .....	90.1	90.1	91.7	(1)	(1)	(1)	2.8	2.7	2.7
Champaign-Urbana .....	104.5	102.0	105.7	(1)	(1)	(1)	3.2	3.1	3.1
Chicago .....	4,170.4	4,113.7	4,095.7	1.7	1.6	1.6	170.3	173.9	166.4
Davenport-Moline-Rock Island .....	179.7	179.3	178.8	(1)	(1)	(1)	7.7	7.2	7.3
Decatur .....	56.7	55.4	55.9	(1)	(1)	(1)	3.0	2.5	2.5
Kankakee .....	43.5	43.4	43.2	(1)	(1)	(1)	1.6	1.5	1.6
Peoria-Pekin .....	171.8	169.9	170.4	(1)	(1)	(1)	7.5	7.2	7.6
Rockford .....	177.5	174.2	173.2	(1)	(1)	(1)	7.2	7.2	6.9
Springfield .....	112.5	112.0	111.9	(1)	(1)	(1)	4.9	4.9	4.7
<b>Indiana</b> .....	2,912.2	2,862.9	2,876.2	5.9	6.5	6.7	130.8	131.2	130.9
Bloomington .....	67.2	64.7	65.1	(1)	(1)	(1)	2.4	2.7	2.7
Elkhart-Goshen .....	118.0	113.6	116.0	(1)	(1)	(1)	4.0	3.5	3.5
Evansville-Henderson .....	158.1	155.6	155.8	.8	.9	.9	9.8	10.1	10.1
Fort Wayne .....	265.7	261.6	261.7	(1)	(1)	(1)	12.4	11.2	10.7
Gary .....	258.2	249.6	249.7	(1)	(1)	(1)	14.1	14.7	14.1
Indianapolis .....	873.7	868.8	872.4	(1)	(1)	(1)	45.9	46.5	47.2
Kokomo .....	50.8	48.6	48.8	(1)	(1)	(1)	1.5	1.4	1.4
Lafayette .....	94.5	94.8	97.3	(1)	(1)	(1)	3.5	3.8	3.9
Muncie .....	57.5	57.4	58.2	(1)	(1)	(1)	2.2	2.3	2.5
South Bend .....	133.2	129.5	130.3	(1)	(1)	(1)	6.6	6.2	6.4
Terre Haute .....	67.0	67.1	66.7	(1)	(1)	(1)	3.0	2.9	2.9
<b>Iowa</b> .....	1,445.2	1,435.2	1,436.7	1.8	1.7	1.8	52.3	53.0	52.4
Cedar Rapids .....	121.8	119.5	119.3	(1)	(1)	(1)	6.2	6.6	6.4
Des Moines .....	284.0	286.7	285.8	(1)	(1)	(1)	12.0	13.4	13.4
Dubuque .....	50.3	51.0	50.7	(1)	(1)	(1)	1.5	1.9	1.9
Iowa City .....	73.7	75.0	75.2	(1)	(1)	(1)	2.3	2.4	2.4
Sioux City .....	65.1	64.8	64.3	(1)	(1)	(1)	2.4	2.2	2.2
Waterloo-Cedar Falls .....	72.8	71.6	71.9	(1)	(1)	(1)	2.4	2.0	2.0
<b>Kansas</b> .....	1,337.4	1,344.0	1,346.9	7.1	7.1	7.2	57.8	58.8	59.0
Lawrence .....	50.8	51.4	50.8	(1)	(1)	(1)	2.1	2.5	2.4
Topeka .....	103.0	102.3	102.6	(1)	(1)	(1)	4.3	4.2	4.2
Wichita .....	286.0	283.2	281.5	(1)	(1)	(1)	14.1	14.7	14.6
<b>Kentucky</b> .....	1,801.3	1,792.4	1,800.8	19.2	20.2	20.2	80.5	81.6	82.8
Lexington .....	285.0	283.2	284.8	.3	.3	.3	13.6	14.6	14.7
Louisville .....	580.7	572.5	573.5	.5	.6	.6	28.3	29.8	30.2
Owensboro .....	43.8	44.4	44.4	.1	.1	.1	3.0	3.6	3.6
<b>Louisiana</b> .....	1,909.1	1,915.3	1,922.3	52.2	52.6	52.3	116.3	121.2	120.5
Alexandria .....	55.6	56.1	56.0	.1	.1	.1	3.7	4.3	4.3
Baton Rouge .....	303.6	308.2	309.7	.9	1.0	1.0	31.9	35.3	36.0
Houma .....	78.2	79.7	80.3	6.7	7.1	7.1	3.7	3.5	3.4
Lafayette .....	167.3	169.2	169.7	16.5	17.0	17.0	9.2	9.4	9.1
Lake Charles .....	86.2	88.2	87.7	1.1	.8	.8	9.9	11.5	10.7
Monroe .....	72.9	74.5	75.0	.2	.2	.2	3.6	3.9	3.8
New Orleans .....	623.8	626.0	626.2	12.1	11.8	11.9	30.3	29.4	29.4
Shreveport-Bossier City .....	175.6	170.7	172.7	3.2	3.3	3.3	8.7	8.1	7.6
<b>Maine</b> .....	591.2	589.0	591.2	.1	.1	.1	26.4	26.9	26.2
Lewiston-Auburn .....	45.5	45.8	45.2	(2)	(2)	(2)	2.2	2.2	2.2
Portland .....	149.6	152.1	152.0	(2)	(2)	(2)	7.0	7.3	7.3

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>Georgia</b> .....	564.3	535.1	536.8	266.8	250.3	249.0	954.4	939.7	933.0
Albany .....	8.2	7.3	7.4	3.4	3.3	3.4	13.2	12.6	12.5
Athens .....	11.0	9.2	9.5	1.9	1.9	1.9	16.9	16.8	16.9
Atlanta .....	215.5	211.3	209.8	191.7	178.1	176.5	561.3	544.2	540.1
Augusta-Aiken .....	29.3	27.3	27.3	17.2	17.2	17.2	41.7	42.4	42.7
Columbus .....	19.6	18.4	19.5	4.1	3.7	3.8	24.3	24.2	23.6
Macon .....	18.0	19.8	19.7	5.7	5.5	5.5	32.9	32.1	31.3
Savannah .....	16.7	16.4	16.4	9.3	9.0	9.1	34.0	34.3	34.0
<b>Hawaii</b> .....	17.8	17.5	17.5	42.9	38.5	38.5	137.0	132.0	131.9
Honolulu .....	13.9	13.8	13.7	33.7	29.5	29.5	98.5	94.7	94.4
<b>Idaho</b> .....	77.0	71.4	71.0	27.7	27.4	27.2	137.4	137.1	136.6
Boise City .....	37.9	34.7	34.5	12.4	11.9	12.0	55.1	55.3	55.3
<b>Illinois</b> .....	924.5	886.2	885.1	353.9	345.4	342.9	1,330.6	1,334.9	1,316.5
Bloomington-Normal .....	7.4	7.2	7.1	2.9	2.7	2.7	18.9	18.6	18.8
Champaign-Urbana .....	12.4	11.9	11.7	3.8	4.0	4.1	22.3	22.2	22.4
Chicago .....	618.7	593.0	593.8	264.8	255.0	253.3	923.4	932.3	919.5
Davenport-Moline-Rock Island .....	30.2	29.5	29.5	10.1	10.3	10.2	46.7	46.4	45.9
Decatur .....	13.2	12.7	12.8	4.7	4.5	4.6	12.6	12.6	12.5
Kankakee .....	6.7	6.6	6.6	2.6	2.5	2.6	11.5	11.7	11.3
Peoria-Pekin .....	33.6	33.1	33.1	9.7	9.9	9.8	38.8	38.5	38.1
Rockford .....	48.0	45.0	44.8	8.8	8.5	8.4	37.4	37.3	36.6
Springfield .....	4.3	4.2	4.1	4.5	4.8	4.9	22.8	22.9	22.7
<b>Indiana</b> .....	656.0	614.9	616.0	146.3	143.5	142.0	681.7	679.2	672.8
Bloomington .....	8.5	6.1	5.8	1.6	1.5	1.5	15.1	14.8	14.6
Elkhart-Goshen .....	57.7	54.9	57.1	2.9	2.7	2.7	22.0	21.4	21.0
Evansville-Henderson .....	31.7	30.7	30.8	8.2	7.6	7.5	39.0	37.9	37.6
Fort Wayne .....	68.2	63.8	63.7	13.7	14.3	14.3	64.8	64.2	63.7
Gary .....	44.7	38.9	38.4	14.8	14.8	14.6	62.1	61.0	60.5
Indianapolis .....	125.6	118.9	119.9	57.6	57.2	56.6	222.0	222.0	220.8
Kokomo .....	19.4	17.7	17.5	1.2	1.2	1.2	11.3	11.6	11.4
Lafayette .....	22.9	21.6	21.8	2.2	2.1	2.1	19.8	19.0	19.0
Muncie .....	8.8	8.8	8.7	3.3	3.2	3.2	13.5	13.5	13.4
South Bend .....	20.9	19.9	20.0	5.1	4.9	4.9	33.6	32.6	32.3
Terre Haute .....	11.3	10.9	10.6	2.6	2.7	2.7	18.3	18.3	17.9
<b>Iowa</b> .....	254.3	243.3	242.4	70.9	71.1	71.0	342.6	340.8	338.2
Cedar Rapids .....	22.7	20.4	20.4	11.1	10.7	10.8	25.9	25.9	25.5
Des Moines .....	23.0	22.9	22.9	14.7	14.5	14.4	71.0	71.9	71.5
Dubuque .....	10.8	10.4	10.3	1.8	1.9	1.9	12.4	12.7	12.5
Iowa City .....	5.5	5.3	5.3	3.0	3.3	3.4	14.9	14.7	14.4
Sioux City .....	13.7	14.1	13.6	3.7	3.6	3.6	15.7	15.4	15.2
Waterloo-Cedar Falls .....	15.0	14.4	14.5	2.5	2.6	2.5	17.0	17.4	17.3
<b>Kansas</b> .....	206.1	199.3	200.1	87.8	89.3	89.0	313.0	312.6	310.7
Lawrence .....	5.6	5.3	5.3	2.1	2.1	2.1	11.7	11.5	11.5
Topeka .....	9.5	9.5	9.5	6.2	5.9	5.9	22.0	21.8	21.7
Wichita .....	73.3	70.0	68.7	11.7	11.4	11.4	61.5	62.0	61.5
<b>Kentucky</b> .....	314.4	301.0	299.5	108.3	105.9	105.6	417.3	419.4	418.8
Lexington .....	47.8	45.6	44.9	11.7	12.0	12.0	62.6	63.0	63.0
Louisville .....	87.6	84.1	83.7	46.5	45.7	45.3	137.7	135.2	134.8
Owensboro .....	6.6	6.4	6.3	2.2	2.1	2.1	10.7	10.6	10.6
<b>Louisiana</b> .....	181.2	175.4	176.0	116.0	117.4	117.4	443.3	441.6	442.0
Alexandria .....	3.9	3.7	3.7	3.5	3.5	3.4	12.6	12.8	12.8
Baton Rouge .....	25.1	24.8	24.4	14.5	14.9	14.8	72.5	72.8	72.5
Houma .....	7.8	8.0	7.9	9.0	9.4	9.4	18.0	18.3	18.5
Lafayette .....	14.0	12.5	12.4	9.9	10.5	10.5	42.4	43.7	43.8
Lake Charles .....	10.8	10.4	10.3	4.6	4.9	4.9	18.8	19.5	19.3
Monroe .....	8.0	8.3	8.3	4.1	4.4	4.4	16.7	16.8	16.9
New Orleans .....	46.2	44.6	44.3	41.9	39.8	39.8	153.6	156.0	156.2
Shreveport-Bossier City .....	18.5	14.7	16.1	8.3	8.1	8.1	38.9	39.4	39.8
<b>Maine</b> .....	83.1	76.7	76.3	24.3	24.1	24.0	140.6	143.9	141.1
Lewiston-Auburn .....	7.5	6.8	6.7	1.8	1.8	1.7	11.1	11.5	11.2
Portland .....	14.3	13.6	13.6	7.1	7.1	7.2	41.5	42.6	41.6

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		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>Georgia</b> .....	205.0	205.4	208.3	1,145.0	1,100.3	1,117.3	606.6	608.7	611.0
Albany .....	1.7	1.7	1.7	14.8	15.5	15.4	11.9	11.8	11.9
Athens .....	2.3	2.4	2.4	17.1	17.9	18.0	20.1	20.7	20.8
Atlanta .....	140.8	139.7	142.9	680.7	649.5	661.4	273.4	275.9	277.8
Augusta-Aiken .....	6.0	6.4	6.4	53.2	51.8	51.9	41.0	40.1	39.7
Columbus .....	8.4	8.7	8.8	33.8	34.5	34.8	21.1	21.4	21.4
Macon .....	8.7	8.5	8.4	40.2	40.4	40.7	33.4	33.8	34.1
Savannah .....	4.4	4.7	4.7	42.2	43.3	43.5	20.5	20.1	20.6
<b>Hawaii</b> .....	32.4	32.8	32.7	186.3	182.4	184.0	116.9	115.3	119.9
Honolulu .....	26.3	26.6	26.5	132.3	129.2	130.7	93.9	91.7	96.1
<b>Idaho</b> .....	23.3	24.5	24.5	144.4	149.8	151.1	109.7	110.4	113.5
Boise City .....	11.2	11.6	11.7	59.9	61.2	61.9	34.7	35.2	36.6
<b>Illinois</b> .....	399.2	400.5	400.1	1,821.4	1,803.9	1,799.3	854.7	831.4	854.1
Bloomington-Normal .....	19.2	19.9	19.8	23.3	23.3	23.9	15.6	15.7	16.7
Champaign-Urbana .....	4.1	4.3	4.2	22.5	22.6	22.6	36.2	33.9	37.6
Chicago .....	309.5	309.9	309.3	1,372.0	1,353.4	1,346.8	510.0	494.6	505.0
Davenport-Moline-Rock Island .....	8.1	8.4	8.2	50.9	51.5	51.5	26.0	26.0	26.2
Decatur .....	2.1	2.1	2.1	14.5	14.7	14.8	6.6	6.3	6.6
Kankakee .....	1.9	1.9	1.9	11.7	11.8	11.7	7.5	7.4	7.5
Peoria-Pekin .....	8.0	8.0	8.0	53.7	53.3	53.7	20.5	19.9	20.1
Rockford .....	7.5	7.7	7.6	49.7	49.6	49.5	18.9	18.9	19.4
Springfield .....	7.3	7.3	7.3	36.2	36.0	36.2	32.5	31.9	32.0
<b>Indiana</b> .....	138.3	140.3	140.4	734.8	735.7	738.7	418.4	411.6	429.2
Bloomington .....	2.4	2.6	2.6	15.5	15.2	15.5	21.7	21.8	22.4
Elkhart-Goshen .....	2.7	2.9	2.9	20.4	20.5	20.7	8.3	7.7	8.1
Evansville-Henderson .....	8.5	8.5	8.5	44.5	44.1	44.3	15.6	15.8	16.1
Fort Wayne .....	14.8	15.1	15.0	64.4	65.1	65.4	27.4	27.9	28.9
Gary .....	8.7	9.0	9.0	75.4	74.3	75.0	38.4	36.9	38.1
Indianapolis .....	62.0	61.0	61.0	247.7	249.7	250.9	112.9	113.5	116.0
Kokomo .....	1.6	1.6	1.6	8.5	7.9	8.2	7.3	7.2	7.5
Lafayette .....	3.7	3.8	3.8	17.7	17.0	17.2	24.7	27.5	29.5
Muncie .....	2.0	2.1	2.1	15.7	15.9	16.0	12.0	11.6	12.3
South Bend .....	6.4	6.3	6.5	46.5	45.7	45.9	14.1	13.9	14.3
Terre Haute .....	2.4	2.4	2.5	17.4	18.1	18.1	12.0	11.8	12.0
<b>Iowa</b> .....	86.3	89.7	89.7	388.8	388.9	390.8	248.2	246.7	250.4
Cedar Rapids .....	7.3	7.8	7.8	36.2	36.0	35.9	12.4	12.1	12.5
Des Moines .....	40.9	42.0	41.8	85.5	84.6	84.0	36.9	37.4	37.8
Dubuque .....	1.9	2.1	2.1	18.0	18.0	17.9	3.9	4.0	4.1
Iowa City .....	2.5	2.5	2.7	15.8	17.0	17.0	29.7	29.8	30.0
Sioux City .....	2.6	2.7	2.7	19.1	18.9	18.9	7.9	7.9	8.1
Waterloo-Cedar Falls .....	3.2	3.4	3.4	19.4	19.2	19.3	13.3	12.6	12.9
<b>Kansas</b> .....	64.9	66.4	66.0	351.9	359.1	362.3	248.8	251.4	252.6
Lawrence .....	1.7	1.5	1.5	13.1	13.0	13.2	14.5	15.5	14.8
Topeka .....	7.0	7.2	7.1	31.5	31.8	32.0	22.5	21.9	22.2
Wichita .....	11.8	12.0	11.9	77.3	76.5	77.0	36.3	36.6	36.4
<b>Kentucky</b> .....	74.5	75.6	75.4	472.9	479.2	481.0	314.2	309.5	317.5
Lexington .....	10.1	10.2	10.0	80.5	80.4	80.8	58.4	57.1	59.1
Louisville .....	34.0	34.4	34.1	172.4	169.5	170.7	73.7	73.2	74.1
Owensboro .....	1.9	1.9	1.9	11.4	11.8	11.8	7.9	7.9	8.0
<b>Louisiana</b> .....	86.3	86.6	86.3	535.1	543.9	545.1	378.7	376.6	382.7
Alexandria .....	2.5	2.5	2.5	16.2	16.1	16.2	13.2	13.2	13.1
Baton Rouge .....	16.2	16.7	16.7	82.2	83.1	83.2	60.3	59.6	61.1
Houma .....	2.2	2.3	2.3	16.6	17.1	17.1	14.2	14.0	14.6
Lafayette .....	6.2	6.6	6.6	45.2	46.1	46.2	23.9	23.4	24.1
Lake Charles .....	2.6	2.7	2.7	24.8	24.9	25.3	13.6	13.5	13.7
Monroe .....	5.9	6.2	6.2	20.9	21.4	21.6	13.5	13.3	13.6
New Orleans .....	31.6	31.4	31.4	202.5	207.4	207.9	105.6	105.6	105.3
Shreveport-Bossier City .....	6.6	6.6	6.6	59.1	58.6	59.2	32.3	31.9	32.0
<b>Maine</b> .....	33.0	33.5	33.7	180.3	180.1	182.3	103.4	103.7	107.5
Lewiston-Auburn .....	2.6	2.7	2.7	14.8	15.3	15.1	5.5	5.5	5.6
Portland .....	13.6	14.1	14.3	46.8	48.5	48.7	19.3	18.9	19.3

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	Total			Mining			Construction		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>Maryland</b> .....	2,429.0	2,415.0	2,425.5	1.5	1.6	1.5	153.4	149.6	149.0
Baltimore PMSA .....	1,237.6	1,234.3	1,241.8	(1)	(1)	(1)	70.2	68.5	69.1
Baltimore City .....	401.5	394.0	397.0	(1)	(1)	(1)	11.7	10.9	10.9
Suburban Maryland-D.C. ....	912.0	899.3	904.4	(1)	(1)	(1)	68.9	65.7	66.1
<b>Massachusetts</b> .....	3,310.1	3,248.6	3,256.6	1.3	1.4	1.4	121.0	129.2	127.3
Barnstable-Yarmouth .....	57.8	59.6	59.7	(1)	(1)	(1)	3.4	3.4	3.3
Boston .....	2,039.3	1,995.5	1,996.7	.6	.6	.6	71.7	75.3	74.5
Brockton .....	98.1	97.4	97.5	(2)	(2)	(2)	4.2	4.8	4.6
Fitchburg-Leominster .....	52.3	51.7	51.5	(2)	(2)	(2)	1.7	1.9	1.8
Lawrence .....	164.0	160.4	159.9	(2)	(2)	(2)	6.5	6.4	6.3
Lowell .....	131.1	129.0	128.9	(1)	(1)	(1)	5.6	6.1	6.1
New Bedford .....	65.1	65.4	65.1	(2)	(2)	(2)	2.5	2.6	2.5
Pittsfield .....	41.0	41.4	40.9	.1	.1	.1	1.6	1.7	1.6
Springfield .....	260.3	257.8	259.3	.1	.1	.1	7.5	7.6	7.5
Worcester .....	234.1	233.2	233.5	.1	.1	.2	8.2	8.5	8.4
<b>Michigan</b> .....	4,553.7	4,474.9	(2)	6.8	6.5	(2)	176.9	177.8	(2)
Ann Arbor .....	285.9	282.9	(2)	(1)	(1)	(1)	10.7	11.2	(2)
Benton Harbor .....	70.6	71.1	(2)	(1)	(1)	(1)	2.5	2.6	(2)
Detroit .....	2,141.0	2,105.5	(2)	1.1	1.0	(2)	78.9	76.2	(2)
Flint .....	164.6	159.2	(2)	(1)	(1)	(1)	6.7	6.4	(2)
Grand Rapids-Muskegon-Holland .....	580.0	576.2	(2)	(1)	(1)	(1)	25.4	25.6	(2)
Jackson .....	63.8	62.7	(2)	(1)	(1)	(1)	2.7	2.8	(2)
Kalamazoo-Battle Creek .....	212.1	214.0	(2)	(1)	(1)	(1)	8.2	9.1	(2)
Lansing-East Lansing .....	238.4	233.6	(2)	(1)	(1)	(1)	8.9	8.9	(2)
Saginaw-Bay City-Midland .....	178.3	174.6	(2)	(1)	(1)	(1)	8.7	8.8	(2)
<b>Minnesota</b> .....	2,646.3	2,605.3	2,609.9	6.0	5.1	4.5	101.7	104.2	102.3
Duluth-Superior .....	114.8	112.5	113.4	3.8	3.0	2.5	3.6	3.5	3.4
Minneapolis-St. Paul .....	1,732.9	1,705.6	1,709.3	(2)	(2)	(2)	69.8	71.3	70.2
Rochester .....	85.7	85.6	84.8	(1)	(1)	(1)	3.0	3.2	3.1
St. Cloud .....	94.0	92.5	93.8	(1)	(1)	(1)	3.5	3.4	3.3
<b>Mississippi</b> .....	1,129.8	1,119.8	1,123.3	5.4	5.4	5.2	49.3	51.4	52.2
Jackson .....	230.8	229.6	230.6	(1)	(1)	(1)	12.2	11.9	12.1
<b>Missouri</b> .....	2,708.4	2,654.2	2,659.9	4.8	4.9	5.0	131.1	131.2	129.9
Kansas City .....	974.2	978.9	984.8	(1)	(1)	(1)	48.0	51.1	50.9
St. Louis .....	1,311.0	1,288.0	1,293.2	(1)	(1)	(1)	71.5	71.2	70.4
Springfield .....	167.4	166.3	168.7	(1)	(1)	(1)	7.9	9.3	9.6
<b>Montana</b> .....	381.5	383.9	385.1	5.2	5.2	5.1	16.8	17.8	17.4
Billings .....	65.2	66.3	66.9	(1)	(1)	(1)	3.0	3.2	3.1
Missoula .....	49.8	49.8	50.0	(1)	(1)	(1)	2.2	2.4	2.3
<b>Nebraska</b> .....	893.4	896.2	899.5	1.1	1.1	1.1	38.1	38.2	37.4
Lincoln .....	152.5	149.7	151.2	(1)	(1)	(1)	6.6	6.2	5.8
Omaha .....	416.0	417.7	417.6	(1)	(1)	(1)	19.4	20.9	20.7
<b>Nevada</b> .....	1,043.5	1,041.4	1,049.2	10.3	9.4	9.2	84.3	87.3	88.0
Las Vegas .....	774.1	773.8	779.3	1.6	1.5	1.4	68.8	70.2	70.9
Reno .....	193.2	193.1	194.6	.4	.4	.3	13.8	14.5	14.6
<b>New Hampshire</b> .....	622.2	619.7	621.0	.4	.4	.5	23.3	25.6	24.9
Manchester .....	107.7	106.4	105.3	(1)	(1)	(1)	4.8	5.1	5.0
Nashua .....	99.6	98.6	98.6	(1)	(1)	(1)	3.3	3.4	3.3
Portsmouth-Rochester .....	124.0	125.6	126.2	(1)	(1)	(1)	3.8	4.1	4.1
<b>New Jersey</b> .....	3,965.2	3,956.9	3,960.4	1.4	1.5	1.5	145.9	151.3	149.3
Atlantic-Cape May .....	177.7	178.6	178.7	(1)	(1)	(1)	8.1	9.6	9.8
Bergen-Passaic .....	663.9	656.2	657.8	(1)	(1)	(1)	24.5	25.6	24.9
Camden .....	495.9	499.5	496.6	(1)	(1)	(1)	21.4	22.1	22.1
Jersey City .....	255.1	256.2	256.2	(1)	(1)	(1)	5.7	5.8	5.6
Middlesex-Somerset-Hunterdon .....	670.2	672.5	671.0	(1)	(1)	(1)	22.2	23.0	23.2
Monmouth-Ocean .....	384.4	390.2	389.0	(1)	(1)	(1)	21.0	21.8	21.5
Newark .....	1,016.5	1,001.0	1,004.0	(1)	(1)	(1)	36.0	37.1	36.4
Trenton .....	220.4	221.0	219.6	(1)	(1)	(1)	5.2	5.0	4.9
Vineland-Millville-Bridgeton .....	58.8	58.7	59.3	(1)	(1)	(1)	2.2	2.1	2.0

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		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>Maryland</b> .....	179.9	174.0	173.5	118.3	113.9	114.2	539.4	541.6	538.0
Baltimore PMSA .....	97.5	94.3	93.8	64.6	61.6	61.9	273.5	275.1	274.2
Baltimore City .....	27.2	24.7	24.9	21.3	21.0	20.9	55.6	53.4	53.3
Suburban Maryland-D.C. ....	44.8	43.1	43.1	39.1	37.5	37.7	197.9	196.1	194.8
<b>Massachusetts</b> .....	437.2	408.5	406.1	145.0	137.8	137.9	719.1	722.1	715.6
Barnstable-Yarmouth .....	2.4	2.5	2.4	2.8	2.8	2.8	18.2	19.6	19.1
Boston .....	217.1	203.8	202.7	91.2	85.5	86.0	419.4	418.5	414.2
Brockton .....	11.3	10.9	10.8	4.6	4.5	4.4	31.9	31.5	31.3
Fitchburg-Leominster .....	12.3	11.4	11.4	1.9	1.9	1.9	12.9	13.3	13.0
Lawrence .....	39.3	34.6	34.4	5.9	5.6	5.7	36.4	37.5	36.7
Lowell .....	30.9	28.1	27.9	7.7	8.0	7.9	26.6	27.1	27.0
New Bedford .....	13.1	12.6	12.5	3.2	3.1	3.1	17.1	17.4	17.1
Pittsfield .....	6.7	6.3	6.2	1.4	1.4	1.4	9.7	9.8	9.6
Springfield .....	37.6	34.7	34.2	10.5	10.1	10.0	60.0	59.6	59.1
Worcester .....	38.6	35.6	35.4	10.9	11.3	11.3	50.1	49.5	48.8
<b>Michigan</b> .....	942.7	902.6	( <sup>2</sup> )	179.1	175.7	( <sup>2</sup> )	1,057.3	1,041.3	( <sup>2</sup> )
Ann Arbor .....	52.8	50.7	( <sup>2</sup> )	6.7	6.8	( <sup>2</sup> )	56.1	55.8	( <sup>2</sup> )
Benton Harbor .....	18.6	18.5	( <sup>2</sup> )	3.4	3.4	( <sup>2</sup> )	15.5	15.8	( <sup>2</sup> )
Detroit .....	441.7	422.5	( <sup>2</sup> )	96.4	94.2	( <sup>2</sup> )	493.7	490.4	( <sup>2</sup> )
Flint .....	29.4	26.0	( <sup>2</sup> )	6.2	6.4	( <sup>2</sup> )	42.3	41.5	( <sup>2</sup> )
Grand Rapids-Muskegon-Holland ..	158.1	151.0	( <sup>2</sup> )	21.4	22.0	( <sup>2</sup> )	142.5	145.4	( <sup>2</sup> )
Jackson .....	12.1	11.1	( <sup>2</sup> )	3.7	3.8	( <sup>2</sup> )	15.5	15.3	( <sup>2</sup> )
Kalamazoo-Battle Creek .....	47.7	47.6	( <sup>2</sup> )	7.5	7.6	( <sup>2</sup> )	46.3	47.9	( <sup>2</sup> )
Lansing-East Lansing .....	26.9	24.8	( <sup>2</sup> )	6.9	6.9	( <sup>2</sup> )	52.0	51.8	( <sup>2</sup> )
Saginaw-Bay City-Midland .....	37.5	34.2	( <sup>2</sup> )	7.0	7.0	( <sup>2</sup> )	44.0	43.8	( <sup>2</sup> )
<b>Minnesota</b> .....	433.1	407.2	406.4	135.0	126.1	126.1	621.1	619.8	614.3
Duluth-Superior .....	8.7	7.8	7.8	8.4	8.4	8.4	26.9	26.9	26.8
Minneapolis-St. Paul .....	272.9	259.9	259.7	95.9	88.9	88.8	405.2	402.8	399.6
Rochester .....	12.5	11.3	11.2	2.7	2.8	2.8	16.0	15.7	15.3
St. Cloud .....	17.5	16.9	16.9	3.5	3.5	3.5	25.9	25.5	25.6
<b>Mississippi</b> .....	219.4	206.2	206.5	56.7	56.4	56.0	249.2	247.8	248.5
Jackson .....	19.2	19.1	19.0	18.3	17.8	17.5	55.6	53.9	54.0
<b>Missouri</b> .....	391.0	362.6	360.4	176.6	170.2	169.0	627.7	626.9	626.5
Kansas City .....	103.7	98.8	101.1	87.5	86.0	86.3	227.5	233.5	232.2
St. Louis .....	182.0	170.2	171.2	90.3	86.3	86.9	303.1	302.5	299.8
Springfield .....	23.0	21.1	21.0	12.1	11.8	11.8	46.0	45.4	46.2
<b>Montana</b> .....	24.2	23.4	23.1	21.4	21.5	21.5	99.0	99.6	99.0
Billings .....	3.6	3.4	3.3	4.3	4.4	4.4	20.1	20.4	20.5
Missoula .....	3.3	3.2	3.2	3.4	3.3	3.3	13.0	13.5	13.5
<b>Nebraska</b> .....	118.2	114.0	113.2	57.7	56.8	56.7	208.2	212.7	210.4
Lincoln .....	18.1	16.6	16.8	8.6	8.3	8.3	31.7	32.0	32.0
Omaha .....	39.2	37.2	37.2	30.7	30.8	30.6	97.9	100.0	98.4
<b>Nevada</b> .....	46.5	45.4	45.6	58.0	56.0	56.3	215.4	221.6	221.2
Las Vegas .....	25.5	25.4	25.4	43.9	42.4	42.6	162.8	167.7	167.5
Reno .....	14.9	14.4	14.4	12.6	12.2	12.1	42.6	43.6	43.5
<b>New Hampshire</b> .....	107.9	101.0	100.5	21.5	21.0	21.0	160.0	163.2	161.6
Manchester .....	14.8	12.6	12.0	6.5	6.7	6.7	26.3	27.1	26.6
Nashua .....	28.8	27.7	27.9	2.3	2.2	2.2	24.9	25.6	24.9
Portsmouth-Rochester .....	18.7	17.3	17.4	4.2	4.3	4.3	31.8	33.2	33.2
<b>New Jersey</b> .....	459.0	428.1	429.0	271.7	264.6	264.8	906.0	917.3	907.5
Atlantic-Cape May .....	6.0	5.5	5.3	6.6	6.3	6.3	35.1	35.7	35.1
Bergen-Passaic .....	95.6	89.8	90.7	38.8	37.5	37.8	178.6	179.6	178.1
Camden .....	55.0	51.7	51.5	22.6	22.6	22.2	129.9	132.3	130.9
Jersey City .....	24.0	22.8	22.7	31.3	32.5	32.3	53.4	53.0	52.8
Middlesex-Somerset-Hunterdon ..	94.8	90.1	89.2	50.0	47.3	46.9	152.5	156.3	154.3
Monmouth-Ocean .....	19.4	18.0	17.9	21.7	21.8	21.8	100.1	101.8	100.2
Newark .....	131.2	120.4	121.7	85.9	81.0	80.6	205.0	204.5	203.4
Trenton .....	17.6	16.6	16.4	8.5	8.2	8.3	35.4	36.8	36.0
Vineland-Millville-Bridgeton .....	11.4	10.1	10.7	3.1	3.4	3.3	12.4	13.0	12.9

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	Finance, insurance, and real estate			Services			Government		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>Maryland</b> .....	140.5	140.9	140.8	837.7	838.3	842.8	458.3	455.1	465.7
Baltimore PMSA .....	76.3	76.7	76.5	433.9	438.5	442.3	221.6	219.6	224.0
Baltimore City .....	32.9	31.9	31.8	167.5	166.3	168.8	85.3	85.8	86.4
Suburban Maryland-D.C. ....	52.7	52.8	53.0	324.9	320.1	322.0	183.7	184.0	187.7
<b>Massachusetts</b> .....	230.7	230.7	230.4	1,221.7	1,186.8	1,202.2	434.1	432.1	435.7
Barnstable-Yarmouth .....	3.4	3.6	3.7	19.0	19.2	19.5	8.6	8.5	8.9
Boston .....	173.0	172.1	171.9	823.4	797.0	803.5	242.9	242.7	243.3
Brockton .....	3.2	3.4	3.4	25.5	24.7	25.4	17.4	17.6	17.6
Fitchburg-Leominster .....	1.5	1.5	1.5	13.3	12.9	12.9	8.7	8.8	9.0
Lawrence .....	7.0	6.6	6.6	48.4	49.6	49.6	20.5	20.1	20.6
Lowell .....	3.9	4.0	4.0	39.4	39.2	39.1	17.0	16.5	16.9
New Bedford .....	1.9	2.0	2.0	16.5	16.7	16.7	10.8	11.0	11.2
Pittsfield .....	1.9	2.0	2.0	14.4	14.7	14.6	5.2	5.4	5.4
Springfield .....	13.9	14.5	14.5	81.5	81.6	83.0	49.2	49.6	50.9
Worcester .....	13.8	14.5	14.5	79.2	79.9	80.8	33.2	33.8	34.1
<b>Michigan</b> .....	206.7	208.2	( <sup>2</sup> )	1,280.8	1,267.6	( <sup>2</sup> )	703.4	695.2	( <sup>2</sup> )
Ann Arbor .....	10.6	10.5	( <sup>2</sup> )	72.1	71.8	( <sup>2</sup> )	76.9	76.1	( <sup>2</sup> )
Benton Harbor .....	2.4	2.4	( <sup>2</sup> )	18.9	19.2	( <sup>2</sup> )	9.3	9.2	( <sup>2</sup> )
Detroit .....	110.8	110.8	( <sup>2</sup> )	677.5	672.6	( <sup>2</sup> )	240.9	237.8	( <sup>2</sup> )
Flint .....	6.1	5.9	( <sup>2</sup> )	47.9	47.1	( <sup>2</sup> )	26.0	25.9	( <sup>2</sup> )
Grand Rapids-Muskegon-Holland .....	23.2	23.0	( <sup>2</sup> )	149.8	149.8	( <sup>2</sup> )	59.6	59.4	( <sup>2</sup> )
Jackson .....	2.0	2.0	( <sup>2</sup> )	16.6	17.3	( <sup>2</sup> )	11.2	10.4	( <sup>2</sup> )
Kalamazoo-Battle Creek .....	9.6	9.7	( <sup>2</sup> )	55.8	56.4	( <sup>2</sup> )	37.0	35.7	( <sup>2</sup> )
Lansing-East Lansing .....	15.3	15.3	( <sup>2</sup> )	59.2	58.8	( <sup>2</sup> )	69.2	67.1	( <sup>2</sup> )
Saginaw-Bay City-Midland .....	7.0	7.2	( <sup>2</sup> )	49.7	49.8	( <sup>2</sup> )	24.4	23.8	( <sup>2</sup> )
<b>Minnesota</b> .....	165.0	164.4	164.6	777.2	772.8	776.1	407.2	405.7	415.6
Duluth-Superior .....	4.5	4.6	4.6	34.4	34.9	35.1	24.5	23.4	24.8
Minneapolis-St. Paul .....	130.4	130.6	130.9	520.5	514.6	516.9	237.7	237.0	242.7
Rochester .....	2.3	2.2	2.2	41.2	42.5	42.2	8.0	7.9	8.0
St. Cloud .....	3.4	3.6	3.6	26.1	26.3	26.9	14.1	13.3	14.0
<b>Mississippi</b> .....	42.6	43.3	42.3	268.9	267.2	269.3	238.3	242.1	243.3
Jackson .....	15.1	14.5	14.4	61.3	62.9	64.0	49.1	49.5	49.6
<b>Missouri</b> .....	168.4	169.5	168.8	773.2	761.2	765.2	435.6	427.7	435.1
Kansas City .....	70.5	70.9	70.7	296.1	300.0	301.8	140.9	138.6	141.8
St. Louis .....	84.0	84.5	84.5	417.7	415.2	417.8	162.4	158.1	162.6
Springfield .....	8.9	9.0	9.1	48.3	47.9	49.1	21.2	21.8	21.9
<b>Montana</b> .....	17.3	18.1	18.3	112.3	114.1	115.6	85.3	84.2	85.1
Billings .....	3.1	3.4	3.4	22.5	23.4	23.7	8.6	8.1	8.5
Missoula .....	2.2	2.1	2.1	16.2	16.6	16.6	9.5	8.7	9.0
<b>Nebraska</b> .....	61.6	62.7	62.7	252.8	255.6	259.8	155.7	155.1	158.2
Lincoln .....	11.0	11.5	11.6	42.0	40.7	41.2	34.5	34.4	35.5
Omaha .....	36.1	36.3	36.1	141.1	139.7	141.2	51.6	52.8	53.4
<b>Nevada</b> .....	48.5	50.2	50.2	453.2	445.5	447.7	127.3	126.0	131.0
Las Vegas .....	37.4	38.6	38.7	350.9	344.4	346.2	83.2	83.6	86.6
Reno .....	8.8	9.0	9.0	74.4	74.3	74.5	25.7	24.7	26.2
<b>New Hampshire</b> .....	33.2	33.7	33.8	188.7	190.8	191.2	87.2	84.0	87.5
Manchester .....	8.0	8.3	8.4	35.5	34.9	34.6	11.8	11.7	12.0
Nashua .....	6.3	6.1	6.2	24.3	23.8	24.1	9.7	9.8	10.0
Portsmouth-Rochester .....	6.4	6.4	6.4	35.4	36.2	35.6	23.7	24.1	25.2
<b>New Jersey</b> .....	265.5	274.6	274.3	1,310.3	1,313.6	1,317.6	605.4	605.9	616.4
Atlantic-Cape May .....	5.5	5.7	5.7	86.2	85.5	85.8	30.2	30.3	30.7
Bergen-Passaic .....	35.7	36.2	36.2	215.3	212.4	213.2	75.4	75.1	76.9
Camden .....	28.7	29.4	29.3	153.7	156.9	155.8	84.6	84.5	84.8
Jersey City .....	34.1	38.3	38.1	67.3	65.6	65.9	39.3	38.2	38.8
Middlesex-Somerset-Hunterdon .....	49.6	48.7	48.4	216.4	222.0	221.4	84.7	85.1	87.6
Monmouth-Ocean .....	19.8	20.3	20.2	136.5	139.6	140.0	65.9	66.9	67.4
Newark .....	76.8	80.6	80.4	334.6	332.2	333.2	147.0	145.2	148.3
Trenton .....	12.4	12.8	12.7	81.7	80.4	81.0	59.6	61.2	60.3
Vineland-Millville-Bridgeton .....	2.0	2.0	1.9	13.1	13.2	13.2	14.6	14.9	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	Total			Mining			Construction		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>New Mexico</b> .....	748.1	747.5	754.5	16.1	15.8	15.4	43.5	44.0	43.4
Albuquerque .....	356.7	355.5	358.1	(1)	(1)	(1)	24.1	23.1	22.9
Las Cruces .....	57.4	58.3	58.8	(1)	(1)	(1)	3.0	3.1	3.1
Santa Fe .....	74.3	73.7	75.0	(1)	(1)	(1)	4.1	4.1	4.2
<b>New York</b> .....	8,561.3	8,389.2	8,421.9	3.9	3.8	3.9	299.8	301.5	299.9
Albany-Schenectady-Troy .....	455.2	452.9	457.1	.5	.4	.4	15.4	15.7	15.3
Binghamton .....	118.9	115.5	116.1	(1)	(1)	(1)	3.4	3.6	3.5
Buffalo-Niagara Falls .....	547.3	540.8	543.5	(1)	(1)	(1)	17.2	17.0	16.8
Dutchess County .....	117.3	115.5	116.7	(1)	(1)	(1)	4.8	4.9	4.8
Elmira .....	43.5	42.9	42.4	(1)	(1)	(1)	2.1	1.7	1.6
Glens Falls .....	48.8	48.4	48.2	(1)	(1)	(1)	1.8	1.7	1.7
Nassau-Suffolk .....	1,197.8	1,201.3	1,204.4	(1)	(1)	(1)	56.5	56.7	56.8
New York PMSA .....	4,253.4	4,116.7	4,118.4	(1)	(1)	(1)	148.3	146.1	146.1
New York City .....	3,708.3	3,574.1	3,574.3	.2	.2	.2	117.7	115.9	116.0
Newburgh .....	129.9	129.8	129.7	(1)	(1)	(1)	4.9	5.2	5.0
Rochester .....	546.4	532.2	537.1	.4	.3	.3	17.6	17.3	17.0
Rockland County .....	109.4	109.0	109.0	(1)	(1)	(1)	5.0	5.0	5.0
Syracuse .....	347.2	343.4	345.6	(1)	(1)	(1)	11.6	12.3	11.9
Utica-Rome .....	133.0	132.8	132.7	(1)	(1)	(1)	2.7	2.9	2.8
Westchester County .....	412.4	411.1	411.9	(1)	(1)	(1)	23.4	23.1	23.0
<b>North Carolina</b> .....	3,901.8	3,847.1	3,856.7	3.9	3.9	4.0	224.3	220.5	219.8
Asheville .....	111.2	110.8	111.5	(1)	(1)	(1)	7.1	7.1	7.2
Charlotte-Gastonia-Rock Hill .....	843.0	828.6	833.8	(1)	(1)	(1)	52.7	53.3	53.2
Greensboro--Winston-Salem--High Point .....	657.7	647.4	648.7	(1)	(1)	(1)	33.4	32.7	32.5
Raleigh-Durham-Chapel Hill .....	663.0	683.3	688.1	(1)	(1)	(1)	39.9	40.5	40.7
<b>North Dakota</b> .....	323.0	325.5	326.6	3.4	3.5	3.4	11.6	12.3	12.2
Bismarck .....	50.8	52.0	52.5	(1)	(1)	(1)	2.1	2.4	2.4
Fargo-Moorhead .....	101.9	103.3	103.5	(1)	(1)	(1)	4.6	4.8	4.6
Grand Forks .....	49.1	48.3	48.5	(1)	(1)	(1)	2.1	2.0	1.9
<b>Ohio</b> .....	5,509.6	5,435.9	5,452.9	12.2	12.3	12.0	211.1	207.9	205.5
Akron .....	324.8	318.9	321.7	.5	.6	.6	12.0	12.4	12.5
Canton-Massillon .....	182.4	184.2	184.5	.5	.6	.6	7.7	7.7	7.6
Cincinnati .....	873.7	860.4	864.5	.7	.7	.7	37.8	37.7	38.1
Cleveland-Lorain-Elyria .....	1,145.4	1,130.0	1,134.5	.8	.8	.8	39.8	41.6	40.9
Columbus .....	884.5	874.6	875.9	.6	.7	.7	36.5	34.9	34.3
Dayton-Springfield .....	477.8	472.3	473.1	.2	.2	.2	15.3	15.0	14.7
Hamilton-Middletown .....	132.4	131.4	131.9	(1)	(1)	(1)	7.3	7.3	7.2
Lima .....	78.2	77.7	77.6	(1)	(1)	(1)	3.1	3.1	3.2
Mansfield .....	79.6	79.1	79.3	(1)	(1)	(1)	2.3	2.6	2.6
Steubenville-Weirton .....	48.8	48.9	49.5	.3	.4	.3	2.2	1.7	1.7
Toledo .....	324.8	317.7	320.4	.2	.2	.2	14.3	14.2	14.0
Youngstown-Warren .....	237.5	232.3	232.8	.5	.5	.5	8.8	9.8	9.4
<b>Oklahoma</b> .....	1,489.0	1,491.3	1,501.1	31.0	31.2	31.5	60.4	62.5	62.4
Enid .....	23.4	23.3	23.5	.6	.7	.7	.7	.7	.7
Lawton .....	38.4	39.1	39.0	.1	.1	.1	1.5	1.5	1.5
Oklahoma City .....	537.5	534.0	538.7	7.1	7.5	7.5	21.7	23.3	23.2
Tulsa .....	403.0	402.7	405.3	6.4	5.8	5.8	18.8	19.8	20.0
<b>Oregon</b> .....	1,589.3	1,551.9	1,558.5	1.7	1.6	1.5	77.8	70.1	69.8
Eugene-Springfield .....	141.6	139.7	140.3	.2	.1	.1	5.9	6.0	6.0
Medford-Ashland .....	72.9	71.5	72.6	.1	.1	.1	3.4	3.2	3.4
Portland-Vancouver .....	969.2	940.9	940.9	.8	.8	.8	52.8	48.6	48.4
Salem .....	136.3	132.6	134.0	.3	.3	.2	6.6	6.1	6.2
<b>Pennsylvania</b> .....	5,649.0	5,560.6	5,587.5	18.0	18.5	18.4	222.8	225.8	224.2
Allentown-Bethlehem-Easton .....	287.6	284.9	285.1	(1)	(1)	(1)	11.8	12.1	12.0
Altoona .....	59.4	58.5	58.5	(1)	(1)	(1)	2.3	2.4	2.3
Erie .....	133.3	130.9	131.7	(1)	(1)	(1)	4.0	4.3	4.2
Harrisburg-Lebanon-Carlisle .....	358.9	356.2	358.1	(1)	(1)	(1)	13.4	13.2	13.1
Johnstown .....	87.3	86.2	85.9	(1)	(1)	(1)	4.0	3.8	3.7
Lancaster .....	223.2	222.7	224.9	(1)	(1)	(1)	13.8	14.0	13.9
Philadelphia PMSA .....	2,381.4	2,367.6	2,363.9	(1)	(1)	(1)	91.4	100.2	97.8
Philadelphia City .....	688.5	675.8	682.8	(1)	(1)	(1)	12.1	11.4	11.4
Pittsburgh .....	1,119.9	1,102.5	1,106.7	4.1	3.9	3.9	52.1	47.6	49.2
Reading .....	169.2	168.9	169.2	(1)	(1)	(1)	7.4	8.0	8.1
Scranton--Wilkes-Barre--Hazleton .....	283.5	278.5	280.2	(1)	(1)	(1)	10.1	10.0	9.9
Sharon .....	49.9	48.4	49.0	(1)	(1)	(1)	1.6	1.5	1.5
State College .....	71.9	69.2	71.8	(1)	(1)	(1)	2.1	2.1	2.1
Williamsport .....	54.7	54.5	54.6	(1)	(1)	(1)	1.8	1.8	1.7
York .....	170.7	166.8	167.3	(1)	(1)	(1)	9.4	9.6	9.5

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>New Mexico</b> .....	43.3	41.4	41.4	37.4	36.8	37.1	170.3	170.5	170.0
Albuquerque .....	28.8	27.6	27.6	20.0	20.2	20.4	82.0	82.8	82.4
Las Cruces .....	3.2	3.1	3.1	2.0	2.0	2.0	11.6	11.9	12.1
Santa Fe .....	1.8	1.7	1.8	1.1	1.0	1.0	14.9	14.7	14.6
<b>New York</b> .....	859.0	803.8	800.8	437.3	423.9	423.2	1,697.2	1,691.4	1,678.6
Albany-Schenectady-Troy .....	37.9	34.9	34.7	19.5	19.9	19.9	92.9	94.3	93.6
Binghamton .....	23.9	20.9	20.6	5.3	5.4	5.2	23.7	24.5	24.4
Buffalo-Niagara Falls .....	84.4	81.3	80.9	27.0	27.0	26.9	126.1	125.5	125.0
Dutchess County .....	18.2	17.5	17.6	4.8	4.8	4.8	22.4	23.0	22.7
Elmira .....	8.3	7.7	7.6	1.7	1.7	1.6	10.2	10.8	10.4
Glens Falls .....	7.7	7.1	7.0	1.4	1.5	1.5	10.8	11.2	10.8
Nassau-Suffolk .....	110.2	105.6	105.0	57.6	58.6	58.3	302.2	306.0	302.5
New York PMSA .....	284.9	264.3	267.1	244.5	228.4	227.3	731.9	719.1	712.9
New York City .....	234.1	216.2	218.6	215.1	199.1	197.9	615.1	600.6	595.9
Newburgh .....	11.9	11.3	11.0	6.9	6.7	6.7	35.4	35.9	35.2
Rochester .....	111.1	103.7	102.8	19.8	19.8	19.5	113.4	115.2	113.9
Rockland County .....	11.8	11.5	11.4	6.5	6.2	6.2	25.3	25.7	25.3
Syracuse .....	47.9	44.3	44.4	21.7	21.4	21.0	79.5	81.0	80.3
Utica-Rome .....	19.0	18.0	17.9	4.1	4.2	4.2	27.1	27.7	27.3
Westchester County .....	37.1	34.9	35.0	22.3	22.5	22.6	86.9	88.4	87.3
<b>North Carolina</b> .....	756.2	709.3	709.1	182.4	181.1	181.5	876.5	874.3	872.1
Asheville .....	17.4	16.4	16.1	4.9	4.7	4.7	27.5	27.6	27.6
Charlotte-Gastonia-Rock Hill .....	130.6	120.0	122.6	56.8	55.0	55.4	200.7	200.0	200.1
Greensboro--Winston-Salem--High Point .....	150.7	146.2	146.1	36.1	36.6	36.6	144.5	141.2	142.1
Raleigh-Durham-Chapel Hill .....	83.1	85.6	85.6	33.2	32.4	32.5	141.9	138.4	138.6
<b>North Dakota</b> .....	24.7	25.3	25.2	18.9	19.0	18.9	79.1	80.9	80.3
Bismarck .....	3.0	3.1	3.1	3.2	3.3	3.3	12.1	12.6	12.7
Fargo-Moorhead .....	8.1	8.3	8.2	5.2	5.1	5.1	28.2	29.0	29.0
Grand Forks .....	3.9	3.7	3.7	2.0	1.9	1.9	13.2	13.2	13.1
<b>Ohio</b> .....	1,050.2	1,002.3	1,003.7	249.2	243.7	243.3	1,306.8	1,301.4	1,290.2
Akron .....	62.5	59.8	59.8	14.9	14.7	14.5	81.7	81.6	81.1
Canton-Massillon .....	43.3	43.4	43.2	4.8	4.7	4.7	44.2	44.8	44.4
Cincinnati .....	138.8	133.4	133.3	49.6	47.5	47.6	215.3	214.2	212.6
Cleveland-Lorain-Elyria .....	215.1	200.8	200.8	46.0	46.5	46.7	261.4	261.4	259.4
Columbus .....	94.1	88.5	88.5	43.2	41.9	41.7	226.9	226.7	226.7
Dayton-Springfield .....	93.3	87.1	86.5	22.4	20.2	20.2	108.3	108.8	108.1
Hamilton-Middletown .....	21.9	21.2	20.9	5.1	4.9	4.9	36.4	35.5	35.2
Lima .....	20.0	18.2	18.0	2.8	2.9	2.9	17.8	18.2	18.1
Mansfield .....	23.0	21.7	21.6	3.4	3.4	3.4	17.3	17.7	17.6
Steubenville-Weirton .....	12.3	11.9	12.1	2.3	2.7	2.7	9.8	9.7	9.6
Toledo .....	59.6	55.2	56.5	16.0	16.0	16.1	78.5	77.2	76.8
Youngstown-Warren .....	49.1	45.6	45.5	10.7	10.4	10.4	60.2	59.4	59.2
<b>Oklahoma</b> .....	180.2	173.7	175.3	86.1	83.6	83.5	335.0	339.0	337.7
Enid .....	2.5	2.5	2.5	2.2	1.9	2.1	6.0	6.0	6.0
Lawton .....	3.8	3.8	3.8	1.6	1.6	1.6	8.5	8.6	8.4
Oklahoma City .....	52.4	46.7	48.3	26.2	25.4	25.4	124.4	125.7	124.8
Tulsa .....	55.9	57.0	57.0	35.2	35.2	35.5	91.0	89.1	88.7
<b>Oregon</b> .....	238.9	221.4	220.7	80.0	77.7	78.0	381.0	379.5	375.8
Eugene-Springfield .....	22.9	21.1	21.1	4.3	4.2	4.2	34.2	34.2	34.0
Medford-Ashland .....	9.1	8.2	8.3	3.8	3.9	3.8	20.3	19.7	19.8
Portland-Vancouver .....	149.4	137.3	135.3	56.8	54.3	54.2	231.9	227.7	225.4
Salem .....	16.4	14.4	14.5	4.9	4.9	4.9	28.7	28.8	28.6
<b>Pennsylvania</b> .....	913.0	855.1	853.2	304.5	295.3	294.0	1,244.1	1,248.2	1,233.9
Allentown-Bethlehem-Easton .....	56.6	52.3	52.0	16.5	16.6	16.5	61.9	63.3	62.6
Altoona .....	10.0	9.0	9.1	4.5	4.4	4.4	15.7	15.9	15.8
Erie .....	33.4	31.2	31.0	4.8	4.8	4.8	28.6	29.0	28.6
Harrisburg-Lebanon-Carlisle .....	43.4	41.5	41.3	26.8	26.9	26.6	79.0	79.1	78.6
Johnstown .....	11.8	10.7	10.6	5.5	5.6	5.5	19.6	19.8	19.6
Lancaster .....	55.5	54.5	54.6	8.6	8.7	8.7	54.3	55.1	54.6
Philadelphia PMSA .....	294.0	277.5	275.8	114.4	111.1	109.9	518.4	525.0	516.7
Philadelphia City .....	53.2	51.2	51.1	36.0	33.5	33.7	116.0	115.6	114.8
Pittsburgh .....	137.6	133.3	132.4	72.7	69.5	69.3	255.8	255.1	252.8
Reading .....	41.4	39.3	39.2	8.6	8.7	8.6	38.0	38.1	37.6
Scranton--Wilkes-Barre--Hazleton .....	54.9	50.7	50.7	17.6	17.9	17.8	66.0	66.6	66.1
Sharon .....	10.7	10.0	10.1	2.1	2.0	2.0	12.9	12.9	12.7
State College .....	8.5	7.4	7.4	2.5	2.5	2.5	13.3	13.2	13.3
Williamsport .....	14.0	13.7	13.6	1.9	1.8	1.8	13.3	13.5	13.4
York .....	47.1	44.7	44.8	8.9	8.5	8.4	39.9	40.2	39.6

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		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>New Mexico</b> .....	32.5	32.4	32.4	219.4	219.9	222.1	185.6	186.7	192.7
Albuquerque .....	19.3	19.4	19.5	113.9	113.8	114.3	68.6	68.6	71.0
Las Cruces .....	2.0	1.9	1.9	15.8	16.7	16.7	19.8	19.6	19.9
Santa Fe .....	3.6	3.6	3.6	22.7	22.7	23.4	26.1	25.9	26.4
<b>New York</b> .....	742.9	713.7	709.9	3,042.7	2,982.0	3,010.0	1,478.5	1,469.1	1,495.6
Albany-Schenectady-Troy .....	25.2	26.0	25.8	151.2	151.6	154.4	112.6	110.1	113.0
Binghamton .....	4.5	4.6	4.5	33.6	33.0	33.1	24.5	23.5	24.8
Buffalo-Niagara Falls .....	30.8	31.1	30.9	168.9	167.6	169.6	92.9	91.3	93.4
Dutchess County .....	4.6	4.6	4.6	39.2	38.0	38.8	23.3	22.7	23.4
Elmira .....	1.4	1.4	1.4	12.4	12.2	12.4	7.4	7.4	7.4
Glens Falls .....	2.2	2.0	2.0	14.2	14.3	14.4	10.7	10.6	10.8
Nassau-Suffolk .....	80.8	79.2	79.4	396.6	399.8	402.9	193.9	195.4	199.5
New York PMSA .....	523.1	492.3	489.5	1,673.6	1,616.5	1,625.0	647.1	650.0	650.5
New York City .....	490.6	460.4	457.7	1,478.2	1,422.1	1,429.0	557.3	559.6	559.0
Newburgh .....	5.6	5.4	5.4	36.1	36.4	36.6	29.1	28.9	29.8
Rochester .....	21.2	21.7	21.7	175.5	170.9	173.8	87.4	83.3	88.1
Rockland County .....	5.1	4.8	4.8	35.6	35.5	35.9	20.1	20.3	20.4
Syracuse .....	17.2	17.3	17.2	105.8	104.9	106.0	63.5	62.2	64.8
Utica-Rome .....	8.0	8.0	7.9	43.7	43.9	44.4	28.4	28.1	28.2
Westchester County .....	26.2	25.9	25.8	151.7	151.1	152.3	64.8	65.2	65.9
<b>North Carolina</b> .....	187.5	187.4	186.8	1,029.5	1,028.3	1,034.0	641.5	642.3	649.4
Asheville .....	3.2	3.3	3.3	35.1	35.9	36.5	16.0	15.8	16.1
Charlotte-Gastonia-Rock Hill .....	68.5	67.4	67.4	232.1	226.8	227.7	101.6	106.1	107.4
Greensboro-Winston-Salem-High Point .....	35.2	34.4	34.3	185.6	183.4	183.9	72.2	72.9	73.2
Raleigh-Durham-Chapel Hill .....	30.7	31.9	31.8	212.8	221.5	223.8	121.4	133.0	135.1
<b>North Dakota</b> .....	16.9	17.3	17.2	93.2	92.6	93.5	75.2	74.6	75.9
Bismarck .....	2.4	2.5	2.5	16.9	17.1	17.3	11.1	11.0	11.2
Fargo-Moorhead .....	7.4	7.6	7.6	31.9	32.5	32.7	16.5	16.0	16.3
Grand Forks .....	1.5	1.4	1.4	13.3	12.9	13.1	13.1	13.2	13.4
<b>Ohio</b> .....	308.5	311.4	310.6	1,569.1	1,561.5	1,573.7	802.5	795.4	813.9
Akron .....	14.9	15.1	15.1	88.2	87.9	88.8	50.1	46.8	49.3
Canton-Massillon .....	7.0	7.2	7.1	53.6	55.2	55.6	21.3	20.6	21.3
Cincinnati .....	55.9	56.1	56.3	270.1	268.2	270.2	105.5	102.6	105.7
Cleveland-Lorain-Elyria .....	82.0	81.8	81.5	350.7	350.5	354.0	149.6	146.6	150.4
Columbus .....	77.0	77.8	77.5	263.3	257.7	259.3	142.9	146.4	147.2
Dayton-Springfield .....	17.7	18.3	18.4	147.9	149.8	150.5	72.7	72.9	74.5
Hamilton-Middletown .....	7.9	8.0	8.0	30.9	32.0	32.0	22.9	22.5	23.7
Lima .....	2.1	2.2	2.2	21.6	22.5	22.5	10.8	10.6	10.7
Mansfield .....	2.5	2.5	2.5	19.3	19.9	19.9	11.8	11.3	11.7
Steubenville-Weirton .....	1.4	1.3	1.3	14.0	14.9	15.3	6.5	6.3	6.5
Toledo .....	11.4	11.3	11.3	95.6	94.5	95.0	49.2	49.1	50.5
Youngstown-Warren .....	8.9	8.9	8.8	66.3	65.9	65.9	33.0	31.8	33.1
<b>Oklahoma</b> .....	73.5	74.9	75.2	425.5	427.8	431.1	297.3	298.6	304.4
Enid .....	1.1	1.1	1.1	6.5	6.5	6.5	3.8	3.9	3.9
Lawton .....	1.7	2.0	1.9	9.4	9.8	9.9	11.8	11.7	11.8
Oklahoma City .....	29.2	29.8	29.9	168.7	171.6	172.7	107.8	104.0	106.9
Tulsa .....	22.0	22.1	22.1	129.2	128.9	130.9	44.5	44.8	45.3
<b>Oregon</b> .....	93.7	95.0	95.0	442.6	435.6	441.9	273.6	271.0	275.8
Eugene-Springfield .....	7.2	7.5	7.6	39.7	40.6	40.6	27.2	26.0	26.7
Medford-Ashland .....	3.1	3.2	3.3	21.4	21.8	22.3	11.7	11.4	11.6
Portland-Vancouver .....	65.0	64.3	64.2	284.0	280.9	283.0	128.5	127.0	129.6
Salem .....	6.6	6.8	6.8	33.0	31.9	32.9	39.8	39.4	39.9
<b>Pennsylvania</b> .....	326.9	326.3	326.0	1,878.1	1,856.7	1,885.5	741.6	734.7	752.3
Allentown-Bethlehem-Easton .....	14.8	14.9	14.7	93.1	92.9	93.8	32.9	32.8	33.5
Altoona .....	1.8	1.8	1.8	16.1	16.3	16.2	9.0	8.7	8.9
Erie .....	5.5	5.6	5.7	40.5	40.4	41.0	16.5	15.6	16.4
Harrisburg-Lebanon-Carlisle .....	24.0	23.9	24.0	103.5	103.5	104.7	68.8	68.1	69.8
Johnstown .....	4.0	4.2	4.2	27.6	27.4	27.6	14.8	14.7	14.7
Lancaster .....	10.1	10.2	10.2	60.5	60.2	62.0	20.4	20.0	20.9
Philadelphia PMSA .....	168.7	168.9	167.7	885.5	875.7	884.2	309.0	309.2	311.8
Philadelphia City .....	50.8	50.2	50.4	302.6	296.4	303.4	117.8	117.5	118.0
Pittsburgh .....	65.4	65.3	65.0	405.1	403.0	407.3	127.1	124.8	126.8
Reading .....	8.4	8.6	8.7	45.3	46.6	46.6	20.1	19.6	20.4
Scranton-Wilkes-Barre-Hazleton .....	13.5	13.2	13.3	84.9	84.2	85.6	36.5	35.9	36.8
Sharon .....	1.6	1.7	1.6	15.0	14.4	15.2	6.0	5.9	5.9
State College .....	2.2	2.2	2.2	14.8	14.9	15.0	28.5	26.9	29.3
Williamsport .....	2.5	2.4	2.4	14.8	14.6	15.1	6.4	6.7	6.6
York .....	4.8	4.8	4.8	43.3	42.1	43.0	17.3	16.9	17.2

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		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>Rhode Island</b> .....	469.5	469.1	470.6	.2	.2	.2	15.9	16.3	15.9
Providence-Fall River-Warwick .....	525.1	523.1	524.6	.2	.2	.2	17.3	17.3	16.9
<b>South Carolina</b> .....	1,818.8	1,800.1	1,809.1	1.6	1.6	1.6	107.4	108.2	108.5
Charleston-North Charleston .....	244.8	246.3	247.2	(1)	(1)	(1)	18.2	20.3	20.2
Columbia .....	291.9	289.0	290.4	(1)	(1)	(1)	16.8	16.0	16.2
Greenville-Spartanburg-Anderson .....	475.9	477.1	478.6	(1)	(1)	(1)	29.5	30.2	30.2
<b>South Dakota</b> .....	370.5	369.6	370.1	1.0	.7	.6	14.7	15.7	15.4
Rapid City .....	49.1	49.0	49.9	(1)	(1)	(1)	3.1	2.8	3.3
Sioux Falls .....	113.0	114.4	115.2	(1)	(1)	(1)	5.1	5.2	5.3
<b>Tennessee</b> .....	2,690.3	2,675.8	2,684.3	3.9	3.6	3.6	116.9	113.4	114.6
Chattanooga .....	234.1	234.0	234.1	(1)	(1)	(1)	9.3	9.2	9.2
Johnson City-Kingsport-Bristol .....	197.0	195.6	196.1	(1)	(1)	(1)	11.0	11.4	11.6
Knoxville .....	335.0	340.4	339.5	.6	.5	.6	16.2	15.6	15.9
Memphis .....	588.5	580.3	584.5	(1)	(1)	(1)	25.1	24.7	24.9
Nashville .....	673.8	675.4	677.5	(1)	(1)	(1)	31.8	31.6	31.7
<b>Texas</b> .....	9,496.0	9,348.7	9,405.2	156.5	161.8	161.3	561.5	544.4	550.7
Abilene .....	55.1	53.2	53.7	.9	.9	.9	2.2	2.3	2.3
Amarillo .....	97.9	96.4	96.8	.6	.7	.7	5.0	5.0	5.0
Austin-San Marcos .....	680.5	663.0	668.6	1.5	1.7	1.7	39.8	39.1	39.5
Beaumont-Port Arthur .....	161.2	157.8	158.6	.8	.8	.7	19.7	15.6	16.0
Brazoria .....	77.4	78.8	79.6	1.4	1.5	1.6	10.5	11.8	11.9
Brownsville-Harlingen-San Benito .....	111.6	111.0	111.6	(1)	(1)	(1)	4.4	4.3	4.3
Bryan-College Station .....	78.8	75.0	78.2	.8	.9	.9	3.3	3.6	3.6
Corpus Christi .....	161.7	159.4	160.5	2.0	2.3	2.3	15.1	14.0	14.0
Dallas .....	1,995.3	1,962.6	1,966.7	8.9	9.2	9.2	108.5	103.0	104.0
El Paso .....	256.3	252.9	253.0	(1)	(1)	(1)	12.4	11.9	11.8
Ft. Worth-Arlington .....	792.5	786.8	790.8	4.0	4.4	4.5	42.4	44.1	44.7
Galveston-Texas City .....	87.0	86.5	86.7	.5	.5	.5	4.3	3.9	4.0
Houston .....	2,106.2	2,092.3	2,104.2	67.3	68.9	68.7	157.3	158.5	159.2
Killeen-Temple .....	103.6	103.0	103.7	(1)	(1)	(1)	4.3	4.5	4.6
Laredo .....	69.5	70.2	70.9	1.1	1.2	1.2	2.2	2.3	2.3
Longview-Marshall .....	92.6	92.1	92.4	3.8	4.1	4.1	4.8	4.6	4.7
Lubbock .....	122.7	123.6	124.3	.1	.1	.1	4.4	5.0	5.1
McAllen-Edinburg-Mission .....	161.7	165.1	166.0	1.4	1.5	1.5	8.8	8.4	8.4
Odessa-Midland .....	102.9	104.5	104.3	12.0	12.5	12.3	5.3	5.5	5.3
San Angelo .....	44.1	44.3	44.5	.9	.9	.9	2.2	2.1	2.1
San Antonio .....	723.1	721.9	724.9	2.1	2.3	2.3	39.2	40.9	41.6
Sherman-Denison .....	45.4	43.2	43.4	(1)	(1)	(1)	3.0	2.9	2.9
Texarkana .....	53.0	52.5	52.3	(1)	(1)	(1)	2.5	2.7	2.7
Tyler .....	83.3	84.5	84.2	1.4	1.3	1.3	3.2	3.3	3.3
Victoria .....	37.6	37.0	37.2	2.4	2.4	2.4	2.0	1.9	1.9
Waco .....	100.3	99.0	100.0	(1)	(1)	(1)	5.2	5.3	5.3
Wichita Falls .....	59.6	59.7	60.2	.9	1.0	1.0	2.1	2.0	2.0
<b>Utah</b> .....	1,073.8	1,067.9	1,069.2	7.7	7.4	7.6	64.6	63.4	61.5
Provo-Orem .....	154.1	150.3	151.5	(1)	(1)	(1)	9.9	9.8	9.9
Salt Lake City-Ogden .....	716.1	710.7	714.0	2.7	2.3	2.3	42.2	40.3	39.4
<b>Vermont</b> .....	301.6	295.2	297.2	.5	.5	.5	12.4	13.1	12.7
Barre-Montpelier .....	33.7	33.8	34.0	(1)	(1)	(1)	1.2	1.3	1.2
Burlington .....	108.1	105.7	106.1	(1)	(1)	(1)	4.7	4.9	4.8
<b>Virginia</b> .....	3,506.6	3,456.5	3,459.0	9.8	9.9	9.9	206.2	198.6	197.3
Bristol .....	39.3	39.4	39.7	(1)	(1)	(1)	1.4	1.3	1.3
Charlottesville .....	88.4	86.7	86.2	(1)	(1)	(1)	5.1	5.2	5.1
Danville .....	46.6	45.3	45.2	(1)	(1)	(1)	2.4	2.1	2.2
Lynchburg .....	101.5	99.4	100.0	(1)	(1)	(1)	5.8	6.4	6.4
Norfolk-Virginia Beach-Newport News .....	694.4	694.2	694.8	(1)	(1)	(1)	42.3	39.8	39.7
Northern Virginia .....	1,163.1	1,141.0	1,141.8	.7	.6	.6	70.9	70.5	70.7
Richmond-Petersburg .....	560.9	555.6	555.3	(1)	(1)	(1)	36.0	36.0	35.5
Roanoke .....	144.4	144.3	144.2	(1)	(1)	(1)	8.5	8.7	8.7
<b>Washington</b> .....	2,681.4	2,615.1	2,619.2	3.3	3.0	2.9	147.6	135.5	134.0
Seattle-Bellevue-Everett .....	1,405.5	1,355.4	1,353.4	1.0	1.0	1.0	78.9	73.0	71.6
Spokane .....	196.5	192.1	190.9	(1)	(1)	(1)	9.7	8.9	9.1
Tacoma .....	242.4	238.5	240.4	.2	.2	.2	15.6	15.9	16.2

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		
	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P	Feb. 2001	Jan. 2002	Feb. 2002P
<b>Rhode Island</b> .....	72.7	67.7	67.1	17.0	16.9	16.6	103.5	105.2	105.1
Providence-Fall River-Warwick .....	91.7	86.3	86.0	18.5	18.5	18.2	120.9	122.8	122.4
<b>South Carolina</b> .....	339.7	319.6	318.8	94.7	95.2	95.2	421.2	426.9	427.5
Charleston-North Charleston .....	22.8	21.4	21.4	14.9	13.6	13.4	58.6	58.9	59.0
Columbia .....	28.9	28.7	28.7	14.3	14.2	14.2	65.8	65.0	65.3
Greenville-Spartanburg-Anderson .....	120.9	118.4	117.9	23.7	24.3	24.1	116.9	116.0	115.5
<b>South Dakota</b> .....	47.5	43.5	43.3	17.1	16.8	16.7	90.7	92.4	92.3
Rapid City .....	4.4	4.1	3.9	2.2	2.3	2.3	13.7	14.3	14.6
Sioux Falls .....	13.5	12.9	12.8	6.8	6.7	6.7	28.4	28.7	29.0
<b>Tennessee</b> .....	487.9	468.3	467.1	179.1	174.6	173.6	627.0	627.6	624.9
Chattanooga .....	44.1	42.3	42.0	20.0	20.0	20.1	49.5	50.7	50.2
Johnson City-Kingsport-Bristol .....	45.0	43.4	43.0	8.0	7.9	7.9	46.1	46.8	46.5
Knoxville .....	45.9	45.5	45.0	16.0	15.9	15.7	89.8	93.3	92.3
Memphis .....	59.4	55.8	56.0	69.8	66.5	66.6	145.3	147.4	146.2
Nashville .....	92.5	91.1	90.9	38.0	38.4	38.3	160.6	163.3	162.3
<b>Texas</b> .....	1,082.2	1,019.7	1,014.7	597.9	573.9	573.7	2,241.1	2,218.5	2,220.2
Abilene .....	3.3	3.0	3.0	2.4	2.3	2.3	14.3	13.7	13.9
Amarillo .....	9.1	9.0	8.9	5.1	4.9	4.8	27.0	26.7	26.8
Austin-San Marcos .....	85.9	72.8	71.6	22.0	20.9	21.0	154.1	151.8	152.0
Beaumont-Port Arthur .....	23.0	21.9	22.0	8.2	8.4	8.4	35.4	35.0	35.1
Brazoria .....	14.1	13.9	13.7	2.9	3.1	3.2	15.8	16.2	16.1
Brownsville-Harlingen-San Benito .....	12.2	10.8	10.9	5.7	5.4	5.5	26.5	26.4	26.4
Bryan-College Station .....	5.7	5.3	5.2	1.5	1.2	1.2	15.8	15.3	15.7
Corpus Christi .....	12.9	12.9	12.9	8.0	7.9	8.0	36.1	35.7	35.8
Dallas .....	247.4	232.3	231.9	141.0	138.2	138.3	490.2	484.8	485.0
El Paso .....	36.2	33.5	32.9	15.5	14.7	14.6	60.8	60.7	60.6
Ft. Worth-Arlington .....	110.3	106.4	106.2	80.7	79.0	78.8	196.7	195.8	195.8
Galveston-Texas City .....	8.3	7.7	7.8	3.7	3.7	3.7	19.8	19.6	19.4
Houston .....	215.9	211.6	211.6	154.0	146.9	146.7	470.8	472.9	473.1
Killeen-Temple .....	9.3	8.8	8.8	3.9	3.8	3.8	24.7	24.8	24.8
Laredo .....	1.7	1.5	1.5	12.4	12.0	12.1	18.0	18.1	18.2
Longview-Marshall .....	17.1	15.9	16.0	4.1	4.1	4.1	23.3	23.9	23.8
Lubbock .....	7.2	7.0	6.9	8.3	8.4	8.4	32.9	33.4	33.7
McAllen-Edinburg-Mission .....	12.3	11.3	11.2	6.7	6.4	6.6	42.5	44.0	43.9
Odessa-Midland .....	7.1	6.9	6.9	4.5	5.2	5.1	27.1	27.4	27.4
San Angelo .....	4.8	4.8	4.8	2.6	2.4	2.3	10.0	10.1	10.1
San Antonio .....	54.9	53.1	52.8	36.6	34.8	34.8	174.9	173.9	174.0
Sherman-Denison .....	9.3	7.5	7.5	1.8	1.9	1.9	9.7	9.5	9.5
Texarkana .....	6.0	5.7	5.6	2.8	3.0	2.9	14.1	13.5	13.5
Tyler .....	11.1	11.1	11.1	3.7	3.6	3.5	22.1	22.6	22.4
Victoria .....	3.1	3.1	3.1	1.7	1.7	1.7	9.8	9.6	9.6
Waco .....	14.9	14.2	14.4	4.4	4.4	4.4	22.4	22.1	22.2
Wichita Falls .....	8.4	8.0	8.0	2.5	2.6	2.7	14.1	14.0	14.0
<b>Utah</b> .....	129.2	121.3	121.0	60.5	59.0	58.9	247.4	245.3	245.7
Provo-Orem .....	19.6	16.9	16.8	2.7	2.5	2.5	33.2	32.7	32.7
Salt Lake City-Ogden .....	81.5	77.4	77.3	48.0	46.4	46.1	166.2	163.7	163.0
<b>Vermont</b> .....	48.7	45.1	44.5	12.2	12.1	12.0	67.0	66.9	66.3
Barre-Montpelier .....	4.0	3.5	3.7	1.1	1.2	1.2	7.0	7.0	7.0
Burlington .....	20.0	18.3	17.8	4.9	4.7	4.6	23.0	23.0	22.8
<b>Virginia</b> .....	382.7	360.3	360.3	190.6	177.6	178.1	746.7	752.8	743.3
Bristol .....	8.9	8.4	8.4	1.3	1.3	1.4	11.3	11.5	11.5
Charlottesville .....	7.6	5.9	5.8	2.4	2.5	2.5	16.6	16.7	16.7
Danville .....	15.0	14.0	13.9	1.0	1.0	1.0	9.5	9.2	9.0
Lynchburg .....	23.4	21.6	21.8	3.6	3.6	3.6	21.4	21.5	21.3
Norfolk-Virginia Beach-Newport News .....	68.6	69.1	69.1	33.8	32.4	32.5	158.6	159.4	158.6
Northern Virginia .....	41.0	39.4	39.1	83.4	72.1	72.0	226.2	227.1	224.8
Richmond-Petersburg .....	59.7	56.0	56.3	28.7	28.3	28.3	126.1	126.2	125.5
Roanoke .....	19.3	18.0	17.6	9.2	9.3	9.3	36.6	36.8	36.9
<b>Washington</b> .....	343.1	313.4	312.1	146.9	138.7	138.0	625.8	616.5	612.3
Seattle-Bellevue-Everett .....	198.2	184.5	182.6	88.6	81.8	81.5	323.7	312.6	310.5
Spokane .....	21.7	18.6	18.1	8.2	7.6	7.6	48.4	48.0	47.4
Tacoma .....	22.4	21.6	21.2	10.9	10.7	10.6	58.8	56.1	56.3

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		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>Rhode Island</b> .....	32.2	33.2	33.2	162.4	164.1	166.9	65.6	65.5	65.6
Providence-Fall River-Warwick .....	33.8	34.6	34.6	174.6	175.0	177.8	68.1	68.4	68.5
<b>South Carolina</b> .....	81.4	83.6	83.7	446.2	450.6	455.3	326.5	314.4	318.6
Charleston-North Charleston .....	9.2	9.5	9.5	71.3	74.2	74.5	49.8	48.4	49.2
Columbia .....	22.8	23.9	23.7	67.9	68.0	68.5	75.4	73.2	73.8
Greenville-Spartanburg-Anderson .....	13.3	16.7	16.7	107.5	105.5	107.2	64.1	66.0	67.0
<b>South Dakota</b> .....	27.3	27.8	27.7	99.0	99.3	100.1	73.2	73.4	74.0
Rapid City .....	3.2	3.0	3.0	15.2	15.6	15.7	7.3	6.9	7.1
Sioux Falls .....	15.0	15.5	15.6	34.0	35.0	35.3	10.2	10.4	10.5
<b>Tennessee</b> .....	130.5	132.6	132.4	737.9	754.8	758.4	407.1	400.9	409.7
Chattanooga .....	16.7	17.0	17.0	60.2	60.5	61.0	34.3	34.3	34.6
Johnson City-Kingsport-Bristol .....	7.7	8.1	8.0	48.4	48.1	48.4	30.8	29.9	30.7
Knoxville .....	15.1	15.3	15.3	94.4	97.7	97.6	57.0	56.6	57.1
Memphis .....	30.0	29.8	29.9	174.1	172.6	174.0	84.8	83.5	86.9
Nashville .....	41.4	41.7	41.7	221.6	222.5	224.2	87.9	86.8	88.4
<b>Texas</b> .....	528.1	527.6	528.2	2,731.6	2,700.4	2,722.7	1,597.1	1,602.4	1,633.7
Abilene .....	2.5	2.5	2.5	19.8	19.1	19.3	9.7	9.4	9.5
Amarillo .....	5.4	5.2	5.2	28.1	28.2	28.3	17.6	16.7	17.1
Austin-San Marcos .....	34.0	33.8	34.0	203.4	199.1	201.2	139.8	143.8	147.6
Beaumont-Port Arthur .....	5.3	5.2	5.2	41.4	43.4	43.5	27.4	27.5	27.7
Brazoria .....	2.0	2.0	2.0	15.5	15.5	15.7	15.2	14.8	15.4
Brownsville-Harlingen-San Benito .....	3.9	3.9	3.9	32.6	32.9	33.1	26.3	27.3	27.5
Bryan-College Station .....	2.8	2.7	2.7	17.6	17.2	17.4	31.3	28.8	31.5
Corpus Christi .....	6.4	6.2	6.2	50.6	49.9	49.9	30.6	30.5	31.4
Dallas .....	155.8	155.8	155.5	621.3	611.7	613.3	222.2	227.6	229.5
El Paso .....	10.5	11.2	11.2	62.5	62.4	62.6	58.4	58.5	59.3
Ft. Worth-Arlington .....	40.2	41.4	41.5	214.5	212.9	214.2	103.7	102.8	105.1
Galveston-Texas City .....	5.4	5.4	5.4	19.7	19.8	20.0	25.3	25.9	25.9
Houston .....	115.0	114.7	114.8	655.2	648.2	654.5	270.7	270.6	275.6
Killeen-Temple .....	4.4	4.3	4.3	28.7	28.2	28.6	28.3	28.6	28.8
Laredo .....	2.9	2.9	3.0	14.9	15.5	15.5	16.3	16.7	17.1
Longview-Marshall .....	3.6	3.5	3.6	23.6	23.7	23.8	12.3	12.3	12.3
Lubbock .....	6.4	6.5	6.5	36.3	36.6	36.8	27.1	26.6	26.8
McAllen-Edinburg-Mission .....	5.5	5.9	5.9	41.7	44.4	44.5	42.8	43.2	44.0
Odessa-Midland .....	4.0	4.0	4.0	24.5	24.7	24.6	18.4	18.4	18.7
San Angelo .....	1.8	1.8	1.8	12.6	12.9	13.1	9.2	9.3	9.4
San Antonio .....	51.6	51.6	51.5	228.4	230.9	233.2	135.4	134.4	134.7
Sherman-Denison .....	2.8	2.8	2.9	12.7	12.5	12.5	6.1	6.1	6.2
Texarkana .....	1.8	1.8	1.8	14.6	14.5	14.4	11.2	11.3	11.4
Tyler .....	4.4	4.4	4.4	25.5	26.3	26.2	11.9	11.9	12.0
Victoria .....	1.6	1.6	1.6	10.1	10.0	10.1	6.9	6.7	6.8
Waco .....	6.3	6.4	6.4	30.7	29.8	30.3	16.4	16.8	17.0
Wichita Falls .....	2.3	2.3	2.3	16.0	16.4	16.6	13.3	13.4	13.6
<b>Utah</b> .....	59.1	60.1	59.6	313.4	318.4	318.7	191.9	193.0	196.2
Provo-Orem .....	4.7	5.0	4.5	62.6	61.2	62.6	21.4	22.2	22.5
Salt Lake City-Ogden .....	48.7	49.4	49.5	204.1	209.2	210.9	122.7	122.0	125.5
<b>Vermont</b> .....	12.4	12.8	12.8	96.8	93.7	95.9	51.6	51.0	52.5
Barre-Montpelier .....	2.6	2.7	2.7	9.4	9.5	9.5	8.4	8.6	8.7
Burlington .....	5.0	5.2	5.3	32.9	32.3	32.7	17.6	17.3	18.1
<b>Virginia</b> .....	191.0	192.9	192.2	1,142.8	1,129.7	1,138.5	636.8	634.7	639.4
Bristol .....	1.2	1.2	1.2	9.2	9.7	9.8	6.0	6.0	6.1
Charlottesville .....	4.9	5.0	4.9	22.6	23.1	22.9	29.2	28.3	28.3
Danville .....	1.5	1.5	1.5	10.8	11.2	11.3	6.4	6.3	6.3
Lynchburg .....	4.4	4.5	4.5	29.7	28.7	29.3	13.2	13.1	13.1
Norfolk-Virginia Beach-Newport News .....	35.3	36.4	36.5	208.4	209.2	210.1	147.4	147.9	148.3
Northern Virginia .....	63.9	63.7	63.6	487.6	476.2	480.1	189.4	191.4	190.9
Richmond-Petersburg .....	51.8	52.2	52.3	151.7	152.0	152.1	106.9	104.9	105.3
Roanoke .....	10.5	10.4	10.4	42.3	43.0	43.0	18.0	18.1	18.3
<b>Washington</b> .....	138.4	142.8	143.5	770.4	750.1	754.0	505.9	515.1	522.4
Seattle-Bellevue-Everett .....	86.4	88.1	88.8	433.4	414.6	414.3	195.3	199.8	203.1
Spokane .....	11.0	11.3	11.2	63.3	63.9	63.5	34.2	33.8	34.0
Tacoma .....	12.9	13.2	13.1	69.1	67.8	69.6	52.5	53.0	53.2

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		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>West Virginia</b> .....	722.1	719.1	721.7	20.8	23.3	22.9	29.0	29.3	30.1
Charleston .....	134.7	134.4	135.0	2.4	2.7	2.6	6.0	5.9	6.0
Huntington-Ashland .....	121.4	121.2	121.4	.8	.9	1.0	5.2	5.3	5.3
Parkersburg-Marietta .....	69.4	68.8	69.4	.4	.4	.4	3.3	3.1	3.2
Wheeling .....	65.8	66.1	66.7	1.7	1.8	1.8	1.9	2.2	2.5
<b>Wisconsin</b> .....	2,777.9	2,752.4	2,758.7	2.1	2.0	2.1	107.0	105.9	103.6
Appleton-Oshkosh-Neenah .....	203.5	201.7	200.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.6	11.3	10.8
Eau Claire .....	75.6	73.6	75.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	3.1	2.8
Green Bay .....	145.0	145.6	145.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.1	8.1	7.9
Janesville-Beloit .....	68.1	68.2	68.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.9	2.8
Kenosha .....	55.2	53.9	54.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	2.6	2.5
La Crosse .....	71.3	72.2	72.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.5	2.4
Madison .....	289.6	288.1	289.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.7	10.5	10.6
Milwaukee-Waukesha .....	855.6	843.4	846.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	30.7	30.6	29.9
Racine .....	79.8	79.7	79.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	3.2	3.0
Sheboygan .....	62.1	60.9	60.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	2.1	2.2
Wausau .....	68.8	69.1	69.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	2.4	2.3
<b>Wyoming</b> .....	234.1	238.5	238.9	17.9	19.8	19.0	14.8	15.1	15.0
Casper .....	31.9	32.7	32.6	2.2	2.2	2.1	1.7	2.0	1.9
<b>Puerto Rico</b> .....	1,008.7	992.2	994.9	1.4	1.4	1.3	71.9	71.1	72.5
Caguas .....	72.1	71.3	71.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	4.0	4.0
Mayaguez .....	68.5	67.3	68.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	5.7	5.8
Ponce .....	79.4	79.5	79.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.7	6.1	6.0
San Juan-Bayamon .....	642.8	635.8	638.9	.7	.6	.6	47.9	48.3	49.2
<b>Virgin Islands</b> .....	44.9	43.9	44.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	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		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>West Virginia</b> .....	78.9	74.5	73.8	36.8	36.6	36.4	158.0	157.8	157.6
Charleston .....	10.1	9.1	9.0	8.8	8.6	8.6	30.7	30.7	30.6
Huntington-Ashland .....	13.6	12.9	12.8	6.7	6.8	6.8	30.4	30.0	29.8
Parkersburg-Marietta .....	12.5	11.8	11.6	2.5	2.6	2.6	17.5	17.6	17.7
Wheeling .....	6.1	5.8	5.8	2.2	2.3	2.3	15.9	16.2	16.0
<b>Wisconsin</b> .....	595.4	567.9	565.7	132.1	129.8	129.4	618.8	626.5	620.3
Appleton-Oshkosh-Neenah .....	59.2	56.2	55.1	9.7	9.7	9.6	42.9	43.5	43.0
Eau Claire .....	12.2	11.6	11.5	3.5	3.2	3.3	20.8	20.3	20.3
Green Bay .....	29.0	27.8	27.7	10.6	10.8	10.8	32.6	33.5	32.9
Janesville-Beloit .....	17.9	17.2	17.2	3.3	3.5	3.5	16.4	16.3	16.3
Kenosha .....	12.8	11.6	11.3	2.2	2.1	2.1	13.4	13.5	13.3
La Crosse .....	10.6	9.9	10.0	3.5	3.5	3.6	18.5	18.7	18.6
Madison .....	30.2	29.2	29.4	10.2	10.4	10.3	60.9	62.5	60.9
Milwaukee-Waukesha .....	167.5	159.4	159.3	40.0	39.2	39.2	180.1	180.7	178.9
Racine .....	22.5	21.1	21.1	2.3	2.5	2.4	17.4	17.7	17.5
Sheboygan .....	26.0	24.9	24.8	1.7	1.7	1.7	10.7	11.0	10.7
Wausau .....	18.5	17.7	17.7	3.9	4.2	4.2	17.5	18.4	18.4
<b>Wyoming</b> .....	11.3	11.0	10.9	13.8	14.1	13.8	52.4	52.9	53.0
Casper .....	1.7	1.7	1.7	1.5	1.6	1.6	8.6	8.5	8.4
<b>Puerto Rico</b> .....	138.6	128.3	129.7	34.2	33.6	33.8	219.5	217.6	213.9
Caguas .....	15.4	14.8	15.6	1.5	1.7	1.5	17.6	18.0	17.4
Mayaguez .....	15.2	12.9	13.8	1.2	1.2	1.2	12.0	11.7	11.3
Ponce .....	8.6	8.2	7.9	2.5	2.2	2.1	14.0	14.3	14.0
San Juan-Bayamon .....	67.7	65.0	65.4	26.2	25.6	26.0	145.3	142.1	140.5
<b>Virgin Islands</b> .....	2.2	2.2	2.2	2.6	2.5	2.5	9.5	9.7	9.8

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	Finance, insurance, and real estate			Services			Government		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>West Virginia</b> .....	29.0	29.5	29.8	228.9	231.0	231.9	140.7	137.1	139.2
Charleston .....	7.7	7.5	7.5	45.1	45.8	46.0	23.9	24.1	24.7
Huntington-Ashland .....	4.5	5.0	5.0	38.2	38.5	38.5	22.0	21.8	22.2
Parkersburg-Marietta .....	2.7	2.9	2.9	20.8	20.6	21.0	9.7	9.8	10.0
Wheeling .....	2.8	2.9	2.9	24.8	24.8	25.0	10.4	10.1	10.4
<b>Wisconsin</b> .....	147.9	150.9	150.8	757.0	760.0	765.2	417.6	409.3	421.5
Appleton-Oshkosh-Neenah .....	9.3	9.5	9.6	47.3	48.0	47.9	23.5	23.6	24.1
Eau Claire .....	2.8	2.8	2.8	21.6	21.9	22.1	12.2	10.6	12.7
Green Bay .....	11.0	10.7	10.7	37.0	37.4	37.6	17.6	17.3	17.7
Janesville-Beloit .....	2.0	2.1	2.0	16.8	17.3	17.7	9.0	8.8	9.0
Kenosha .....	1.4	1.4	1.4	14.5	14.0	14.3	9.1	8.8	9.1
La Crosse .....	3.2	3.4	3.4	22.2	23.0	23.4	11.2	11.1	11.4
Madison .....	22.1	23.4	23.5	77.0	78.9	79.7	76.6	73.0	75.0
Milwaukee-Waukesha .....	57.6	57.9	57.9	284.3	282.0	285.0	95.4	93.6	96.3
Racine .....	2.3	2.3	2.3	22.5	22.4	22.7	10.0	10.4	10.5
Sheboygan .....	1.9	2.0	2.0	12.8	12.5	12.5	6.6	6.6	6.7
Wausau .....	4.8	4.7	4.7	13.8	14.1	14.0	7.8	7.8	8.0
<b>Wyoming</b> .....	8.1	8.4	8.4	54.4	55.6	56.4	61.4	61.7	62.4
Casper .....	1.2	1.3	1.3	9.4	9.8	10.0	5.6	5.6	5.6
<b>Puerto Rico</b> .....	47.4	47.3	47.3	221.2	216.6	218.5	274.5	276.3	277.9
Caguas .....	1.6	1.6	1.5	14.0	13.8	13.9	17.7	17.4	17.5
Mayaguez .....	2.3	2.0	1.9	13.4	14.0	14.3	19.7	19.8	20.1
Ponce .....	2.2	2.2	2.1	20.0	19.7	20.1	25.4	26.8	26.9
San Juan-Bayamon .....	37.8	37.9	37.9	147.8	146.5	148.5	169.4	169.8	170.8
<b>Virgin Islands</b> .....	1.9	1.9	1.9	12.8	11.5	11.5	12.4	12.1	12.4

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

<sup>2</sup> Not available.

<sup>P</sup> = preliminary.

NOTE: All State and area data currently reflect March 2001 benchmark levels. When

more recent benchmark data are introduced with the release of January 2003 estimates, all unadjusted data from April 2001 are subject to revision. Area definitions are published annually in the May issue of this publication.

**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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Total private</b> .....		34.0	34.0	33.6	33.9	33.9	-	-	-	-	-
<b>Goods-producing</b> .....		39.8	40.2	39.9	39.8	40.2	-	-	-	-	-
<b>Mining</b> .....		42.7	43.1	42.3	42.7	42.8	-	-	-	-	-
Metal mining .....	10	44.0	42.7	43.4	42.4	-	-	-	-	-	-
Iron ores .....	101	43.8	44.4	38.7	38.0	-	-	-	-	-	-
Copper ores .....	102	48.1	45.8	46.4	45.6	-	-	-	-	-	-
Coal mining .....	12	46.6	47.1	47.6	47.2	-	-	-	-	-	-
Bituminous coal and lignite mining .....	122	46.7	47.2	47.6	47.0	-	-	-	-	-	-
Oil and gas extraction .....	13	41.3	41.5	39.9	40.7	-	-	-	-	-	-
Crude petroleum and natural gas .....	131	41.2	40.7	39.5	40.3	-	-	-	-	-	-
Oil and gas field services .....	138	41.7	42.2	40.3	41.2	-	-	-	-	-	-
Nonmetallic minerals, except fuels .....	14	44.1	45.1	44.8	45.1	-	-	-	-	-	-
Crushed and broken stone .....	142	43.5	45.0	43.8	45.3	-	-	-	-	-	-
<b>Construction</b> .....		37.6	38.6	38.6	38.5	38.4	-	-	-	-	-
General building contractors .....	15	37.6	38.0	38.0	38.1	-	-	-	-	-	-
Residential building construction .....	152	36.6	36.9	35.2	36.0	-	-	-	-	-	-
Operative builders .....	153	34.9	35.9	37.3	35.9	-	-	-	-	-	-
Nonresidential building construction .....	154	38.8	39.4	41.5	40.6	-	-	-	-	-	-
Heavy construction, except building .....	16	40.0	42.0	42.8	42.8	-	-	-	-	-	-
Highway and street construction .....	161	37.9	40.9	40.7	40.8	-	-	-	-	-	-
Heavy construction, except highway .....	162	40.6	42.4	43.5	43.5	-	-	-	-	-	-
Special trade contractors .....	17	37.1	38.1	37.9	37.7	-	-	-	-	-	-
Plumbing, heating, and air conditioning .....	171	38.3	38.7	38.6	37.9	-	-	-	-	-	-
Painting and paper hanging .....	172	37.2	38.2	37.4	37.1	-	-	-	-	-	-
Electrical work .....	173	39.1	39.7	38.5	38.0	-	-	-	-	-	-
Masonry, stonework, and plastering .....	174	35.2	36.4	36.3	36.3	-	-	-	-	-	-
Carpentry and floor work .....	175	35.1	36.6	38.2	38.2	-	-	-	-	-	-
Roofing, siding, and sheet metal work .....	176	31.8	32.6	34.4	35.1	-	-	-	-	-	-
<b>Manufacturing</b> .....		40.5	40.8	40.4	40.3	40.9	3.8	3.9	3.7	3.7	4.0
<b>Durable goods</b> .....		40.8	41.1	40.8	40.7	41.3	3.8	3.9	3.7	3.7	4.1
Lumber and wood products .....	24	39.2	40.0	39.7	39.8	40.6	3.7	4.0	4.1	4.6	-
Logging .....	241	40.6	40.3	42.9	43.1	-	5.3	5.4	7.3	6.5	-
Sawmills and planing mills .....	242	39.8	40.6	40.8	41.2	-	3.8	3.9	4.3	4.6	-
Sawmills and planing mills, general .....	2421	39.8	40.6	40.7	41.3	-	4.3	4.5	4.7	5.0	-
Hardwood dimension and flooring mills .....	2426	39.8	40.5	41.3	40.6	-	2.0	1.9	3.1	3.6	-
Millwork, plywood, and structural members .....	243	39.7	40.9	40.3	40.5	-	4.2	4.8	4.5	5.6	-
Millwork .....	2431	39.1	40.0	40.5	39.6	-	4.8	5.3	5.5	6.0	-
Wood kitchen cabinets .....	2434	41.3	42.7	42.0	44.0	-	3.2	4.1	4.0	6.3	-
Hardwood veneer and plywood .....	2435	40.7	41.2	41.7	41.1	-	4.7	5.3	4.9	5.6	-
Softwood veneer and plywood .....	2436	38.1	38.9	36.3	34.7	-	5.5	5.8	5.1	5.5	-
Wood containers .....	244	40.0	39.5	38.3	38.4	-	3.5	3.4	2.9	3.2	-
Wood buildings and mobile homes .....	245	32.9	34.7	32.4	31.5	-	1.3	1.6	1.2	1.1	-
Mobile homes .....	2451	31.6	33.5	31.2	30.2	-	1.4	1.7	1.3	1.1	-
Miscellaneous wood products .....	249	39.8	40.2	39.2	38.8	-	2.9	2.8	2.6	2.6	-
Furniture and fixtures .....	25	38.4	38.8	39.8	39.8	40.4	2.5	2.5	3.1	3.0	-
Household furniture .....	251	37.6	37.7	38.9	38.8	-	2.1	2.0	2.5	2.6	-
Wood household furniture .....	2511	37.7	37.8	38.7	38.2	-	1.9	2.2	2.7	2.8	-
Upholstered household furniture .....	2512	36.3	36.7	38.5	39.0	-	1.0	0.8	1.4	1.7	-
Metal household furniture .....	2514	43.1	45.0	45.9	46.1	-	6.1	6.3	6.1	5.5	-
Mattresses and bedsprings .....	2515	39.1	37.4	39.4	39.1	-	3.9	2.5	3.4	3.2	-
Office furniture .....	252	38.2	39.1	41.3	39.6	-	2.4	2.1	4.2	2.4	-
Public building and related furniture .....	253	38.1	39.8	41.6	44.2	-	1.4	1.9	1.9	2.8	-
Partitions and fixtures .....	254	41.9	41.8	42.4	41.7	-	4.5	4.3	5.7	5.2	-
Miscellaneous furniture and fixtures .....	259	38.2	39.1	37.1	37.6	-	3.4	4.3	2.7	3.1	-

See footnotes at end of table.

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Total private</b> .....		\$14.16	\$14.19	\$14.67	\$14.68	\$14.69	\$481.44	\$482.46	\$492.91	\$497.65	\$497.99
<b>Goods-producing</b> .....		15.62	15.69	16.17	16.17	16.21	621.68	630.74	645.18	643.57	651.64
<b>Mining</b> .....		17.61	17.57	17.96	17.83	17.82	751.95	757.27	759.71	761.34	762.70
Metal mining .....	10	18.74	18.71	19.17	19.12	—	824.56	798.92	831.98	810.69	—
Iron ores .....	101	21.42	21.00	23.07	22.26	—	938.20	932.40	892.81	845.88	—
Copper ores .....	102	15.67	15.67	15.94	15.97	—	753.73	717.69	739.62	728.23	—
Coal mining .....	12	18.64	18.57	19.87	19.89	—	868.62	874.65	945.81	938.81	—
Bituminous coal and lignite mining .....	122	18.73	18.66	19.99	20.01	—	874.69	880.75	951.52	940.47	—
Oil and gas extraction .....	13	17.86	17.82	17.97	17.80	—	737.62	739.53	717.00	724.46	—
Crude petroleum and natural gas .....	131	24.16	23.62	24.01	23.22	—	995.39	961.33	948.40	935.77	—
Oil and gas field services .....	138	15.02	15.29	15.36	15.49	—	626.33	645.24	619.01	638.19	—
Nonmetallic minerals, except fuels .....	14	15.58	15.70	15.82	15.71	—	687.08	708.07	708.74	708.52	—
Crushed and broken stone .....	142	14.69	14.92	14.83	15.01	—	639.02	671.40	649.55	679.95	—
<b>Construction</b> .....		18.16	18.20	18.47	18.50	18.59	682.82	702.52	712.94	712.25	713.86
General building contractors .....	15	17.46	17.50	17.87	17.95	—	656.50	665.00	679.06	683.90	—
Residential building construction .....	152	16.32	16.46	16.80	16.84	—	597.31	607.37	591.36	606.24	—
Operative builders .....	153	17.91	17.82	19.00	18.76	—	625.06	639.74	708.70	673.48	—
Nonresidential building construction .....	154	18.68	18.60	18.92	19.13	—	724.78	732.84	785.18	776.68	—
Heavy construction, except building .....	16	16.96	17.20	17.42	17.50	—	678.40	722.40	745.58	749.00	—
Highway and street construction .....	161	16.90	17.05	17.10	17.03	—	640.51	697.35	695.97	694.82	—
Heavy construction, except highway .....	162	16.97	17.24	17.52	17.65	—	688.98	730.98	762.12	767.78	—
Special trade contractors .....	17	18.65	18.65	18.90	18.91	—	691.92	710.57	716.31	712.91	—
Plumbing, heating, and air conditioning .....	171	19.37	19.28	19.45	19.39	—	741.87	746.14	750.77	734.88	—
Painting and paper hanging .....	172	16.17	16.40	16.67	16.58	—	601.52	626.48	623.46	615.12	—
Electrical work .....	173	20.55	20.71	20.83	20.93	—	803.51	822.19	801.96	795.34	—
Masonry, stonework, and plastering .....	174	17.96	18.19	18.22	18.16	—	632.19	662.12	661.39	659.21	—
Carpentry and floor work .....	175	18.63	18.57	19.46	19.72	—	653.91	679.66	743.37	753.30	—
Roofing, siding, and sheet metal work .....	176	16.19	16.11	16.59	16.39	—	514.84	525.19	570.70	575.29	—
<b>Manufacturing</b> .....		14.61	14.65	15.16	15.16	15.18	591.71	597.72	612.46	610.95	620.86
<b>Durable goods</b> .....		15.03	15.09	15.64	15.64	15.65	613.22	620.20	638.11	636.55	646.35
Lumber and wood products .....	24	12.08	12.08	12.39	12.32	12.33	473.54	483.20	491.88	490.34	500.60
Logging .....	241	13.68	13.52	13.78	13.62	—	555.41	544.86	591.16	587.02	—
Sawmills and planing mills .....	242	12.00	11.99	12.47	12.30	—	477.60	486.79	508.78	506.76	—
Sawmills and planing mills, general .....	2421	12.48	12.43	12.91	12.72	—	496.70	504.66	525.44	525.34	—
Hardwood dimension and flooring mills .....	2426	10.41	10.50	10.92	10.74	—	414.32	425.25	451.00	436.04	—
Millwork, plywood, and structural members .....	243	12.33	12.42	12.56	12.54	—	489.50	507.98	506.17	507.87	—
Millwork .....	2431	12.42	12.50	12.87	12.72	—	485.62	500.00	521.24	503.71	—
Wood kitchen cabinets .....	2434	12.41	12.50	12.09	12.21	—	512.53	533.75	507.78	537.24	—
Hardwood veneer and plywood .....	2435	10.93	11.21	11.80	11.78	—	444.85	461.85	492.06	484.16	—
Softwood veneer and plywood .....	2436	14.55	14.46	14.86	14.84	—	554.36	562.49	539.42	514.95	—
Wood containers .....	244	9.88	9.92	10.19	10.22	—	395.20	391.84	390.28	392.45	—
Wood buildings and mobile homes .....	245	11.58	11.51	11.93	12.00	—	380.98	399.40	386.53	378.00	—
Mobile homes .....	2451	11.62	11.55	12.03	12.26	—	367.19	386.93	375.34	370.25	—
Miscellaneous wood products .....	249	11.84	11.75	11.99	11.88	—	471.23	472.35	470.01	460.94	—
Furniture and fixtures .....	25	12.03	12.04	12.59	12.58	12.57	461.95	467.15	501.08	500.68	507.83
Household furniture .....	251	11.30	11.24	11.91	11.90	—	424.88	423.75	463.30	461.72	—
Wood household furniture .....	2511	10.85	10.85	11.44	11.51	—	409.05	410.13	442.73	439.68	—
Upholstered household furniture .....	2512	12.02	12.00	12.43	12.36	—	436.33	440.40	478.56	482.04	—
Metal household furniture .....	2514	10.38	10.32	10.90	10.69	—	447.38	464.40	500.31	492.81	—
Mattresses and bedsprings .....	2515	11.97	11.65	12.93	12.85	—	468.03	435.71	509.44	502.44	—
Office furniture .....	252	12.80	12.72	13.48	13.25	—	488.96	497.35	556.72	524.70	—
Public building and related furniture .....	253	13.08	13.37	14.15	14.26	—	498.35	532.13	588.64	630.29	—
Partitions and fixtures .....	254	13.27	13.21	13.43	13.40	—	556.01	552.18	569.43	558.78	—
Miscellaneous furniture and fixtures .....	259	11.94	12.40	12.29	12.47	—	456.11	484.84	455.96	468.87	—

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	41.6	42.7	43.2	43.2	43.5	5.0	5.6	5.4	5.6	—
Flat glass .....	321	39.4	39.1	37.2	37.7	—	2.8	3.2	2.6	2.8	—
Glass and glassware, pressed or blown .....	322	42.5	43.1	43.2	42.4	—	5.1	5.2	4.6	4.5	—
Glass containers .....	3221	43.6	43.2	44.9	45.0	—	4.9	5.2	5.3	5.7	—
Pressed and blown glass, nec .....	3229	41.9	43.1	42.1	40.7	—	5.2	5.2	4.1	3.7	—
Products of purchased glass .....	323	41.2	41.5	43.5	44.2	—	4.7	5.2	6.0	7.2	—
Cement, hydraulic .....	324	48.5	47.3	47.2	45.8	—	7.0	6.2	6.2	5.8	—
Structural clay products .....	325	39.5	39.9	39.3	39.6	—	4.6	4.7	5.6	6.3	—
Pottery and related products .....	326	41.4	41.3	38.9	39.5	—	4.2	4.0	3.7	4.5	—
Concrete, gypsum, and plaster products .....	327	42.2	44.5	45.3	45.3	—	6.0	7.0	6.7	6.6	—
Concrete block and brick .....	3271	41.3	42.7	40.6	41.7	—	5.1	5.8	4.1	4.2	—
Concrete products, nec .....	3272	41.6	42.5	43.8	42.7	—	7.0	7.2	6.7	5.8	—
Ready-mixed concrete .....	3273	42.3	46.0	46.9	47.2	—	5.4	7.1	7.4	7.5	—
Misc. nonmetallic mineral products .....	329	39.9	39.6	41.2	41.1	—	3.3	3.4	2.9	3.4	—
Abrasive products .....	3291	38.9	38.8	41.2	40.3	—	1.9	2.1	0.5	0.8	—
Primary metal industries .....	33	43.2	43.2	43.6	43.3	44.1	5.8	5.8	5.8	6.0	—
Blast furnaces and basic steel products .....	331	44.0	44.2	43.9	43.7	44.6	6.0	6.1	6.0	6.6	—
Blast furnaces and steel mills .....	3312	44.9	44.9	44.6	44.3	—	6.2	6.1	5.9	6.6	—
Steel pipe and tubes .....	3317	42.7	43.8	43.9	43.7	—	6.6	7.7	8.5	9.4	—
Iron and steel foundries .....	332	43.6	43.4	43.4	42.8	—	5.5	5.5	5.9	5.6	—
Gray and ductile iron foundries .....	3321	43.7	44.0	44.0	43.3	—	5.8	6.0	6.2	5.8	—
Malleable iron foundries .....	3322	43.3	38.9	46.4	47.9	—	3.4	3.2	3.7	4.8	—
Steel foundries, nec .....	3325	46.1	44.7	43.9	42.9	—	6.4	5.9	7.0	6.5	—
Primary nonferrous metals .....	333	45.4	44.9	48.8	48.0	—	9.7	8.9	12.0	11.1	—
Primary aluminum .....	3334	44.5	43.8	49.7	49.3	—	9.2	8.0	13.5	13.1	—
Nonferrous rolling and drawing .....	335	42.8	42.3	43.2	42.9	—	6.6	6.4	6.3	6.5	—
Copper rolling and drawing .....	3351	41.5	40.3	42.8	42.5	—	5.1	4.1	5.2	5.5	—
Aluminum sheet, plate, and foil .....	3353	41.1	40.0	44.0	45.4	—	9.4	9.2	9.4	10.6	—
Nonferrous wire drawing and insulating .....	3357	42.4	41.8	43.8	42.9	—	5.5	5.5	6.0	5.6	—
Nonferrous foundries (castings) .....	336	40.5	40.9	42.1	42.0	—	2.9	3.3	3.2	3.6	—
Aluminum foundries .....	3365	41.5	41.7	43.8	43.2	—	3.7	3.7	3.5	3.5	—
Fabricated metal products .....	34	41.4	41.6	41.2	41.3	41.7	3.7	3.8	3.6	3.6	—
Metal cans and shipping containers .....	341	44.1	44.4	44.1	44.7	—	6.0	6.6	6.5	7.1	—
Metal cans .....	3411	44.8	45.1	44.2	44.8	—	6.2	6.7	6.6	7.2	—
Cutlery, handtools, and hardware .....	342	40.1	40.6	41.1	40.8	—	3.5	3.4	2.8	2.9	—
Hand and edge tools, and blades and handsaws .....	3423,5	41.7	42.5	42.1	42.1	—	4.0	3.7	3.1	3.1	—
Hardware, nec .....	3429	38.8	39.4	40.6	39.8	—	3.0	3.1	2.7	2.9	—
Plumbing and heating, except electric .....	343	42.0	41.9	42.0	42.5	—	3.0	3.1	3.7	3.8	—
Plumbing fixture fittings and trim .....	3432	41.2	40.2	41.1	42.1	—	2.9	2.4	2.9	3.5	—
Heating equipment, except electric .....	3433	40.3	41.6	40.5	41.3	—	1.9	2.8	2.1	2.0	—
Fabricated structural metal products .....	344	41.8	42.1	41.7	41.3	—	4.0	4.2	4.2	4.2	—
Fabricated structural metal .....	3441	41.9	41.6	42.5	41.9	—	5.9	5.6	6.5	6.4	—
Metal doors, sash, and trim .....	3442	40.1	40.0	40.0	40.1	—	2.5	2.5	2.9	2.7	—
Fabricated plate work (boiler shops) .....	3443	43.5	44.7	44.0	42.9	—	5.2	5.8	5.5	4.8	—
Sheet metal work .....	3444	42.4	42.3	41.7	41.3	—	3.6	3.9	3.5	3.8	—
Architectural metal work .....	3446	39.2	39.9	38.3	39.3	—	3.2	3.6	3.3	3.5	—
Screw machine products, bolts, etc .....	345	39.9	39.4	37.5	38.0	—	3.1	2.9	2.1	2.3	—
Screw machine products .....	3451	40.1	40.1	38.7	38.2	—	3.2	3.0	2.2	2.2	—
Bolts, nuts, rivets, and washers .....	3452	39.7	38.6	36.4	37.7	—	2.9	2.8	2.0	2.4	—
Metal forgings and stampings .....	346	42.5	42.9	42.6	42.7	—	3.6	3.6	3.7	3.5	—
Iron and steel forgings .....	3462	42.1	41.9	42.4	42.0	—	3.5	3.4	3.7	3.4	—
Automotive stampings .....	3465	44.3	44.9	44.8	44.5	—	3.7	3.7	3.9	3.8	—
Metal stampings, nec .....	3469	38.9	39.2	38.4	39.3	—	2.6	2.6	2.8	2.5	—
Metal services, nec .....	347	40.0	40.4	38.5	39.7	—	4.1	4.6	3.8	4.4	—
Plating and polishing .....	3471	39.1	39.5	38.6	39.2	—	3.4	3.7	3.2	3.6	—
Metal coating and allied services .....	3479	41.3	41.7	38.4	40.3	—	5.2	5.8	4.7	5.5	—
Ordnance and accessories, nec .....	348	41.1	40.7	43.8	43.6	—	2.8	2.7	2.6	2.6	—
Ammunition, except for small arms, nec .....	3483	43.4	41.9	46.0	44.7	—	2.9	2.5	3.2	3.3	—
Misc. fabricated metal products .....	349	41.0	41.4	40.8	41.0	—	3.0	3.1	2.6	2.7	—
Valves and pipe fittings, nec .....	3494	36.9	37.7	34.7	34.5	—	3.0	2.6	1.1	1.7	—
Misc. fabricated wire products .....	3496	38.0	37.9	39.3	38.1	—	1.7	1.5	2.4	1.6	—

See footnotes at end of table.



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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	\$14.68	\$14.79	\$15.29	\$15.26	\$15.27	\$610.69	\$631.53	\$660.53	\$659.23	\$664.25
Flat glass .....	321	18.84	19.07	19.44	19.37	—	742.30	745.64	723.17	730.25	—
Glass and glassware, pressed or blown .....	322	16.64	16.83	17.70	17.83	—	707.20	725.37	764.64	755.99	—
Glass containers .....	3221	17.80	18.02	18.08	18.26	—	776.08	778.46	811.79	821.70	—
Pressed and blown glass, nec .....	3229	16.02	16.21	17.44	17.54	—	671.24	698.65	734.22	713.88	—
Products of purchased glass .....	323	13.23	13.44	13.58	13.57	—	545.08	557.76	590.73	599.79	—
Cement, hydraulic .....	324	19.08	18.98	18.77	19.13	—	925.38	897.75	885.94	876.15	—
Structural clay products .....	325	11.88	11.88	12.23	12.36	—	469.26	474.01	480.64	489.46	—
Pottery and related products .....	326	12.50	12.55	13.36	13.36	—	517.50	518.32	519.70	527.72	—
Concrete, gypsum, and plaster products .....	327	14.44	14.59	15.16	15.09	—	609.37	649.26	686.75	683.58	—
Concrete block and brick .....	3271	14.14	14.07	14.37	14.55	—	583.98	600.79	583.42	606.74	—
Concrete products, nec .....	3272	12.81	12.64	12.72	12.61	—	532.90	537.20	557.14	538.45	—
Ready-mixed concrete .....	3273	15.58	15.85	16.75	16.61	—	659.03	729.10	785.58	783.99	—
Misc. nonmetallic mineral products .....	329	14.82	14.94	15.18	14.99	—	591.32	591.62	625.42	616.09	—
Abrasive products .....	3291	13.41	13.44	12.97	12.72	—	521.65	521.47	534.36	512.62	—
Primary metal industries .....	33	16.58	16.63	17.26	17.30	17.33	716.26	718.42	752.54	749.09	764.25
Blast furnaces and basic steel products .....	331	20.05	20.00	20.62	20.75	20.71	882.20	884.00	905.22	906.78	923.67
Blast furnaces and steel mills .....	3312	21.94	21.88	22.48	22.58	—	985.11	982.41	1,002.61	1,000.29	—
Steel pipe and tubes .....	3317	15.67	15.88	16.54	16.48	—	669.11	695.54	726.11	720.18	—
Iron and steel foundries .....	332	15.28	15.40	16.32	16.11	—	666.21	668.36	708.29	689.51	—
Gray and ductile iron foundries .....	3321	16.20	16.45	17.49	17.20	—	707.94	723.80	769.56	744.76	—
Malleable iron foundries .....	3322	14.60	13.29	15.55	16.11	—	632.18	516.98	721.52	771.67	—
Steel foundries, nec .....	3325	14.06	13.98	14.23	14.20	—	648.17	624.91	624.70	609.18	—
Primary nonferrous metals .....	333	18.71	18.92	19.84	19.80	—	849.43	849.51	968.19	950.40	—
Primary aluminum .....	3334	18.78	19.05	20.39	20.48	—	835.71	834.39	1,013.38	1,009.66	—
Nonferrous rolling and drawing .....	335	15.14	15.12	15.73	15.82	—	647.99	639.58	679.54	678.68	—
Copper rolling and drawing .....	3351	16.08	15.74	16.58	16.84	—	667.32	634.32	709.62	715.70	—
Aluminum sheet, plate, and foil .....	3353	18.69	18.76	19.25	19.31	—	768.16	750.40	847.00	876.67	—
Nonferrous wire drawing and insulating .....	3357	14.54	14.53	14.97	14.88	—	616.50	607.35	655.69	638.35	—
Nonferrous foundries (castings) .....	336	12.74	12.93	13.39	13.50	—	515.97	528.84	563.72	567.00	—
Aluminum foundries .....	3365	12.75	13.01	13.32	13.47	—	529.13	542.52	583.42	581.90	—
Fabricated metal products .....	34	14.03	14.08	14.56	14.53	14.59	580.84	585.73	599.87	600.09	608.40
Metal cans and shipping containers .....	341	17.02	17.09	17.32	17.37	—	750.58	758.80	763.81	776.44	—
Metal cans .....	3411	18.23	18.31	18.51	18.50	—	816.70	825.78	818.14	828.80	—
Cutlery, handtools, and hardware .....	342	13.26	13.26	13.70	13.65	—	531.73	538.36	563.07	556.92	—
Hand and edge tools, and blades and handsaws .....	3423,5	13.30	13.25	13.65	13.51	—	554.61	563.13	574.67	568.77	—
Hardware, nec .....	3429	13.65	13.69	14.09	14.16	—	529.62	539.39	572.05	563.57	—
Plumbing and heating, except electric .....	343	12.66	12.65	13.04	12.83	—	531.72	530.04	547.68	545.28	—
Plumbing fixture fittings and trim .....	3432	12.09	12.03	12.80	12.61	—	498.11	483.61	526.08	530.88	—
Heating equipment, except electric .....	3433	12.97	13.16	13.51	13.37	—	522.69	547.46	547.16	552.18	—
Fabricated structural metal products .....	344	13.43	13.59	13.97	13.92	—	561.37	572.14	582.55	574.90	—
Fabricated structural metal .....	3441	13.54	13.70	14.10	14.03	—	567.33	569.92	599.25	587.86	—
Metal doors, sash, and trim .....	3442	11.72	11.77	12.10	11.99	—	469.97	470.80	484.00	480.80	—
Fabricated plate work (boiler shops) .....	3443	14.97	15.22	15.33	15.29	—	651.20	680.33	674.52	655.94	—
Sheet metal work .....	3444	13.45	13.59	14.16	14.10	—	570.28	574.86	590.47	582.33	—
Architectural metal work .....	3446	13.37	13.37	14.32	14.36	—	524.10	533.46	548.46	564.35	—
Screw machine products, bolts, etc .....	345	14.29	14.37	14.93	14.86	—	570.17	566.18	559.88	564.68	—
Screw machine products .....	3451	13.65	13.68	14.08	14.14	—	547.37	548.57	544.90	540.15	—
Bolts, nuts, rivets, and washers .....	3452	15.02	15.19	15.83	15.61	—	596.29	586.33	576.21	588.50	—
Metal forgings and stampings .....	346	16.21	16.25	17.05	17.04	—	688.93	697.13	726.33	727.61	—
Iron and steel forgings .....	3462	15.55	15.59	15.52	15.63	—	654.66	653.22	658.05	656.46	—
Automotive stampings .....	3465	18.19	18.22	19.38	19.38	—	805.82	818.08	868.22	862.41	—
Metal stampings, nec .....	3469	13.70	13.70	14.30	14.23	—	532.93	537.04	549.12	559.24	—
Metal services, nec .....	347	12.61	12.55	12.81	12.85	—	504.40	507.02	493.19	510.15	—
Plating and polishing .....	3471	12.01	11.94	11.98	12.06	—	469.59	471.63	462.43	472.75	—
Metal coating and allied services .....	3479	13.46	13.39	13.93	13.84	—	555.90	558.36	534.91	557.75	—
Ordnance and accessories, nec .....	348	15.30	15.32	15.39	15.25	—	628.83	623.52	674.08	664.90	—
Ammunition, except for small arms, nec .....	3483	17.26	17.34	17.46	17.34	—	749.08	726.55	803.16	775.10	—
Misc. fabricated metal products .....	349	13.66	13.61	14.12	14.15	—	560.06	563.45	576.10	580.15	—
Valves and pipe fittings, nec .....	3494	14.34	14.14	15.03	15.13	—	529.15	533.08	521.54	521.99	—
Misc. fabricated wire products .....	3496	12.25	12.41	12.58	12.43	—	465.50	470.34	494.39	473.58	—

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	41.2	41.3	40.4	40.2	40.6	4.0	4.1	3.3	3.2	—
Engines and turbines .....	351	43.6	44.2	42.8	42.4	—	4.3	4.5	3.9	4.1	—
Turbines and turbine generator sets .....	3511	48.8	48.9	45.8	47.3	—	5.4	5.8	3.8	5.0	—
Internal combustion engines, nec .....	3519	41.8	42.5	41.6	40.4	—	3.9	4.0	4.0	3.8	—
Farm and garden machinery .....	352	41.5	41.2	38.8	39.0	—	3.8	4.1	3.6	3.9	—
Farm machinery and equipment .....	3523	40.8	40.4	39.0	39.5	—	4.3	4.7	4.0	4.5	—
Construction and related machinery .....	353	41.9	42.1	42.0	42.2	—	4.7	4.9	4.3	4.2	—
Construction machinery .....	3531	39.9	39.8	39.6	40.2	—	2.8	2.7	3.1	3.0	—
Mining machinery .....	3532	42.7	42.3	44.3	45.3	—	6.1	5.8	4.4	5.5	—
Oil and gas field machinery .....	3533	45.6	47.3	48.1	47.1	—	9.3	10.4	6.1	6.9	—
Conveyors and conveying equipment .....	3535	42.7	43.4	43.0	44.1	—	5.1	5.7	5.9	6.0	—
Industrial trucks and tractors .....	3537	39.5	38.3	36.6	37.0	—	1.9	1.7	0.4	0.4	—
Metalworking machinery .....	354	40.7	41.1	39.9	39.5	—	4.4	4.5	4.0	3.7	—
Machine tools, metal cutting types .....	3541	42.8	42.3	39.8	40.2	—	3.8	3.7	2.3	2.1	—
Machine tools, metal forming types .....	3542	37.9	38.3	34.0	35.1	—	2.3	2.3	1.7	1.7	—
Special dies, tools, jigs, and fixtures .....	3544	40.9	41.7	40.4	40.1	—	5.4	5.6	5.1	4.6	—
Machine tool accessories .....	3545	40.7	40.2	40.6	39.7	—	3.5	3.5	3.3	3.1	—
Power driven handtools .....	3546	37.3	37.6	38.7	37.3	—	1.8	1.7	1.7	1.7	—
Special industry machinery .....	355	41.4	41.1	39.6	39.4	—	4.3	4.2	3.6	3.1	—
Textile machinery .....	3552	38.0	38.2	36.7	36.3	—	1.0	1.0	0.3	0.3	—
Printing trades machinery .....	3555	38.5	38.3	38.5	39.0	—	3.3	3.6	3.3	2.7	—
Food products machinery .....	3556	43.4	42.9	43.5	43.5	—	6.7	7.0	6.2	5.2	—
General industrial machinery .....	356	40.5	41.0	40.4	40.4	—	3.1	3.1	2.7	2.7	—
Pumps and pumping equipment .....	3561	41.0	40.8	38.6	38.4	—	4.6	4.1	2.3	2.4	—
Ball and roller bearings .....	3562	39.0	40.6	39.9	39.9	—	3.5	3.6	3.8	3.4	—
Air and gas compressors .....	3563	46.6	46.7	45.9	45.2	—	3.7	3.6	2.0	2.0	—
Blowers and fans .....	3564	39.7	40.6	41.4	40.2	—	1.8	2.5	2.9	2.5	—
Speed changers, drives, and gears .....	3566	36.8	36.9	35.3	35.9	—	2.8	2.9	2.0	2.9	—
Power transmission equipment, nec .....	3568	42.6	42.5	44.8	44.7	—	3.7	3.4	3.8	4.6	—
Computer and office equipment .....	357	38.8	39.2	39.8	39.1	—	1.3	1.4	1.3	1.2	—
Electronic computers .....	3571	38.6	38.7	40.9	39.2	—	0.2	0.2	0.1	0.1	—
Computer terminals, calculators, and office machines, nec .....	3575,8,9	41.4	41.6	41.2	41.7	—	3.5	3.5	2.9	3.5	—
Refrigeration and service machinery .....	358	41.3	41.2	39.7	39.3	—	4.0	4.2	3.2	3.3	—
Refrigeration and heating equipment .....	3585	41.8	42.0	40.3	39.6	—	4.7	5.1	3.8	3.7	—
Misc. industrial and commercial machinery .....	359	41.8	41.8	40.6	40.8	—	5.0	4.9	3.2	3.4	—
Carburetors, pistons, rings, valves .....	3592	38.8	38.6	42.4	40.7	—	3.4	3.0	5.0	4.6	—
Scales, balances, and industrial machinery, nec ..	3596,9	42.3	42.3	40.4	41.1	—	5.4	5.3	3.0	3.2	—
Electronic and other electrical equipment .....	36	40.0	39.9	38.5	38.5	39.3	3.0	2.9	2.3	2.2	—
Electric distribution equipment .....	361	38.1	38.0	39.2	38.6	—	3.0	2.7	2.9	2.9	—
Transformers, except electronic .....	3612	37.5	37.6	38.1	37.5	—	2.3	2.2	1.8	1.6	—
Switchgear and switchboard apparatus .....	3613	38.5	38.3	40.1	39.5	—	3.6	3.2	3.7	3.9	—
Electrical industrial apparatus .....	362	40.6	41.4	39.6	39.0	—	3.2	3.5	2.1	1.9	—
Motors and generators .....	3621	41.8	42.4	39.6	38.7	—	3.3	3.4	2.1	1.8	—
Relays and industrial controls .....	3625	39.4	40.2	39.1	38.2	—	3.5	4.1	1.7	1.5	—
Household appliances .....	363	37.4	37.8	36.5	35.6	—	1.5	1.8	1.1	1.1	—
Household refrigerators and freezers .....	3632	36.5	36.1	31.4	30.2	—	2.6	3.4	0.2	0.2	—
Household laundry equipment .....	3633	40.0	42.6	42.9	41.4	—	1.5	2.4	3.7	3.2	—
Electric housewares and fans .....	3634	35.7	37.1	35.6	37.0	—	2.1	2.0	1.6	1.9	—
Electric lighting and wiring equipment .....	364	40.2	39.5	38.9	39.0	—	3.9	3.6	4.0	3.3	—
Electric lamps .....	3641	42.1	42.4	38.8	42.1	—	2.8	3.2	2.5	3.8	—
Current-carrying wiring devices .....	3643	42.0	40.2	40.0	39.1	—	4.0	3.9	3.5	2.7	—
Noncurrent-carrying wiring devices .....	3644	37.3	37.7	36.0	36.5	—	4.7	4.1	3.5	3.2	—
Residential lighting fixtures .....	3645	37.9	36.4	36.7	36.8	—	1.8	2.1	1.0	1.1	—
Household audio and video equipment .....	365	38.7	39.3	37.4	37.2	—	3.5	4.1	2.1	2.2	—
Household audio and video equipment .....	3651	39.4	39.5	38.7	38.8	—	3.8	3.6	2.7	2.8	—
Communications equipment .....	366	40.1	40.5	38.7	39.3	—	1.6	1.6	1.4	1.6	—
Telephone and telegraph apparatus .....	3661	38.2	38.7	34.6	35.1	—	1.4	1.3	0.6	0.9	—
Electronic components and accessories .....	367	40.5	40.4	38.4	38.8	—	3.5	3.2	2.2	2.4	—
Electron tubes .....	3671	42.8	41.8	42.4	43.4	—	2.1	2.2	1.7	2.0	—
Semiconductors and related devices .....	3674	41.5	42.5	37.7	37.6	—	4.3	4.5	2.3	2.5	—
Electronic components, nec .....	3679	41.7	41.3	40.6	41.1	—	3.1	3.1	2.1	2.2	—
Misc. electrical equipment and supplies .....	369	40.8	40.4	39.4	39.1	—	2.7	2.5	2.2	2.2	—
Storage batteries .....	3691	40.3	39.1	37.6	36.8	—	2.8	2.0	1.5	1.4	—
Engine electrical equipment .....	3694	41.6	41.9	42.0	41.9	—	1.5	1.7	2.5	2.2	—

See footnotes at end of table.

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	\$15.74	\$15.77	\$16.34	\$16.31	\$16.29	\$648.49	\$651.30	\$660.14	\$655.66	\$661.37
Engines and turbines .....	351	18.00	18.15	18.37	19.02	—	784.80	802.23	786.24	806.45	—
Turbines and turbine generator sets .....	3511	20.58	20.75	21.64	22.07	—	1,004.30	1,014.68	991.11	1,043.91	—
Internal combustion engines, nec .....	3519	16.96	17.08	16.96	17.59	—	708.93	725.90	705.54	710.64	—
Farm and garden machinery .....	352	14.57	14.68	15.76	16.02	—	604.66	604.82	611.49	624.78	—
Farm machinery and equipment .....	3523	15.58	15.81	16.73	17.10	—	635.66	638.72	652.47	675.45	—
Construction and related machinery .....	353	14.79	14.76	15.06	14.94	—	619.70	621.40	632.52	630.47	—
Construction machinery .....	3531	15.18	15.08	15.87	15.74	—	605.68	600.18	628.45	632.75	—
Mining machinery .....	3532	15.10	15.14	15.05	14.97	—	644.77	640.42	666.72	678.14	—
Oil and gas field machinery .....	3533	15.18	15.10	15.04	14.89	—	692.21	714.23	723.42	701.32	—
Conveyors and conveying equipment .....	3535	14.37	14.38	14.09	13.94	—	613.60	624.09	605.87	614.75	—
Industrial trucks and tractors .....	3537	13.25	13.35	13.37	13.34	—	523.38	511.31	489.34	493.58	—
Metalworking machinery .....	354	16.77	16.85	17.39	17.42	—	682.54	692.54	693.86	688.09	—
Machine tools, metal cutting types .....	3541	16.00	16.02	16.40	16.45	—	684.80	677.65	652.72	661.29	—
Machine tools, metal forming types .....	3542	17.37	17.02	18.01	17.50	—	658.32	651.87	612.34	614.25	—
Special dies, tools, jigs, and fixtures .....	3544	17.75	17.92	18.39	18.34	—	725.98	747.26	742.96	735.43	—
Machine tool accessories .....	3545	14.26	14.20	14.59	14.83	—	580.38	570.84	592.35	588.75	—
Power driven handtools .....	3546	13.25	13.26	14.19	14.38	—	494.23	498.58	549.15	536.37	—
Special industry machinery .....	355	16.48	16.48	16.63	16.55	—	682.27	677.33	658.55	652.07	—
Textile machinery .....	3552	12.95	13.27	13.03	12.93	—	492.10	506.91	478.20	469.36	—
Printing trades machinery .....	3555	18.05	18.18	18.13	18.02	—	694.93	696.29	698.01	702.78	—
Food products machinery .....	3556	16.43	16.48	16.90	16.68	—	713.06	706.99	735.15	725.58	—
General industrial machinery .....	356	14.93	14.75	15.35	15.52	—	604.67	604.75	620.14	627.01	—
Pumps and pumping equipment .....	3561	16.21	15.97	16.66	16.78	—	664.61	651.58	643.08	644.35	—
Ball and roller bearings .....	3562	15.56	14.67	15.73	16.05	—	606.84	595.60	627.63	640.40	—
Air and gas compressors .....	3563	15.60	15.40	15.65	15.88	—	726.96	719.18	718.34	717.78	—
Blowers and fans .....	3564	11.84	11.99	12.75	12.74	—	470.05	486.79	527.85	512.15	—
Speed changers, drives, and gears .....	3566	17.00	16.87	16.83	17.20	—	625.60	622.50	594.10	617.48	—
Power transmission equipment, nec .....	3568	13.95	13.76	14.62	14.67	—	594.27	584.80	654.98	655.75	—
Computer and office equipment .....	357	17.68	17.87	20.37	19.78	—	685.98	700.50	810.73	773.40	—
Electronic computers .....	3571	19.40	19.58	23.09	22.05	—	748.84	757.75	944.38	864.36	—
Computer terminals, calculators, and office machines, nec .....	3575,8,9	15.44	15.57	16.93	17.26	—	639.22	647.71	697.52	719.74	—
Refrigeration and service machinery .....	358	14.18	14.03	14.21	14.07	—	585.63	578.04	564.14	552.95	—
Refrigeration and heating equipment .....	3585	14.35	14.18	14.28	14.15	—	599.83	595.56	575.48	560.34	—
Misc. industrial and commercial machinery .....	359	15.43	15.53	15.58	15.60	—	644.97	649.15	632.55	636.48	—
Carburetors, pistons, rings, valves .....	3592	15.51	15.48	16.01	16.26	—	601.79	597.53	678.82	661.78	—
Scales, balances, and industrial machinery, nec .....	3596,9	15.39	15.52	15.51	15.51	—	651.00	656.50	626.60	637.46	—
Electronic and other electrical equipment .....	36	14.16	14.26	14.88	14.88	14.95	566.40	568.97	572.88	572.88	587.54
Electric distribution equipment .....	361	14.47	14.54	14.93	14.96	—	551.31	552.52	585.26	577.46	—
Transformers, except electronic .....	3612	13.20	13.14	13.69	13.57	—	495.00	494.06	521.59	508.88	—
Switchgear and switchboard apparatus .....	3613	15.47	15.65	15.87	16.01	—	595.60	599.40	636.39	632.40	—
Electrical industrial apparatus .....	362	13.89	13.94	14.34	14.24	—	563.93	577.12	567.86	555.36	—
Motors and generators .....	3621	12.95	13.01	13.28	13.15	—	541.31	551.62	525.89	508.91	—
Relays and industrial controls .....	3625	15.88	15.94	16.51	16.33	—	625.67	640.79	645.54	623.81	—
Household appliances .....	363	13.28	13.22	13.02	12.96	—	496.67	499.72	475.23	461.38	—
Household refrigerators and freezers .....	3632	15.64	15.60	14.80	14.59	—	570.86	563.16	464.72	440.62	—
Household laundry equipment .....	3633	12.58	12.51	11.97	11.89	—	503.20	532.93	513.51	492.25	—
Electric housewares and fans .....	3634	12.56	12.49	12.89	13.06	—	448.39	463.38	458.88	483.22	—
Electric lighting and wiring equipment .....	364	13.88	13.88	14.61	14.68	—	557.98	548.26	568.33	572.52	—
Electric lamps .....	3641	18.27	18.22	18.87	19.01	—	769.17	772.53	732.16	800.32	—
Current-carrying wiring devices .....	3643	14.05	14.06	14.88	15.02	—	590.10	565.21	595.20	587.28	—
Noncurrent-carrying wiring devices .....	3644	12.65	12.47	12.57	12.49	—	471.85	470.12	452.52	455.89	—
Residential lighting fixtures .....	3645	12.06	12.02	12.41	12.49	—	457.07	437.53	455.45	459.63	—
Household audio and video equipment .....	365	13.17	13.13	13.67	13.91	—	509.68	516.01	511.26	517.45	—
Household audio and video equipment .....	3651	12.67	12.62	12.91	13.01	—	499.20	498.49	499.62	504.79	—
Communications equipment .....	366	14.46	14.76	15.36	15.20	—	579.85	597.78	594.43	597.36	—
Telephone and telegraph apparatus .....	3661	14.76	15.26	15.71	15.27	—	563.83	590.56	543.57	535.98	—
Electronic components and accessories .....	367	14.63	14.85	15.87	15.83	—	592.52	599.94	609.41	614.20	—
Electron tubes .....	3671	15.05	15.04	15.36	15.42	—	644.14	628.67	651.26	669.23	—
Semiconductors and related devices .....	3674	19.81	19.96	21.40	21.76	—	822.12	848.30	806.78	818.18	—
Electronic components, nec .....	3679	12.20	12.39	13.07	12.97	—	508.74	511.71	530.64	533.07	—
Misc. electrical equipment and supplies .....	369	13.52	13.28	13.99	14.23	—	551.62	536.51	551.21	556.39	—
Storage batteries .....	3691	15.55	15.25	16.07	16.35	—	626.67	596.28	604.23	601.68	—
Engine electrical equipment .....	3694	12.69	12.36	13.31	13.67	—	527.90	517.88	559.02	572.77	—

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	41.5	42.1	42.3	42.0	42.7	4.0	4.3	4.5	4.2	—
Motor vehicles and equipment .....	371	41.6	42.5	43.5	43.3	44.2	3.8	4.1	4.9	4.8	—
Motor vehicles and car bodies .....	3711	40.9	42.9	44.0	43.2	—	4.9	5.6	7.3	6.2	—
Truck and bus bodies .....	3713	43.4	43.3	43.3	42.6	—	3.7	3.7	3.9	4.5	—
Motor vehicle parts and accessories .....	3714	42.0	42.3	43.3	43.6	—	3.5	3.6	4.1	4.3	—
Truck trailers .....	3715	43.3	42.9	45.3	43.1	—	1.7	2.0	0.9	1.5	—
Aircraft and parts .....	372	43.6	43.9	41.6	41.5	—	5.1	5.3	3.8	3.8	—
Aircraft .....	3721	42.6	42.9	40.9	40.7	—	4.4	4.9	3.7	3.6	—
Aircraft engines and engine parts .....	3724	45.4	45.9	42.4	42.1	—	6.7	7.1	4.6	4.9	—
Aircraft parts and equipment, nec .....	3728	43.6	43.8	41.9	41.9	—	4.8	4.8	3.5	3.4	—
Ship and boat building and repairing .....	373	37.4	38.5	38.0	36.6	—	3.6	4.1	4.3	3.1	—
Ship building and repairing .....	3731	38.6	40.0	39.1	37.1	—	5.2	5.9	5.9	4.2	—
Boat building and repairing .....	3732	36.1	36.9	36.7	36.0	—	1.9	2.1	2.2	1.8	—
Railroad equipment .....	374	40.3	40.3	38.9	37.9	—	3.9	3.8	2.3	2.1	—
Guided missiles, space vehicles, and parts .....	376	42.5	41.8	41.1	42.0	—	6.7	5.6	5.7	6.0	—
Guided missiles and space vehicles .....	3761	41.7	41.1	41.8	42.0	—	9.9	8.1	8.8	8.9	—
Misc. transportation equipment .....	379	39.7	39.0	40.3	40.6	—	1.7	1.8	1.6	1.8	—
Travel trailers and campers .....	3792	37.3	37.4	42.6	40.9	—	1.1	1.1	1.8	1.5	—
<b>Instruments and related products</b>											
Search and navigation equipment .....	381	38.7	39.0	38.7	38.4	—	3.8	3.2	2.7	2.2	—
Measuring and controlling devices .....	382	41.7	41.4	40.8	40.1	—	3.0	2.8	2.4	2.2	—
Environmental controls .....	3822	40.6	40.8	40.9	38.2	—	2.5	2.2	3.3	2.5	—
Process control instruments .....	3823	41.1	40.3	39.0	39.1	—	2.4	2.7	1.5	1.7	—
Instruments to measure electricity .....	3825	40.9	40.6	40.1	39.2	—	3.1	2.8	1.5	1.1	—
Medical instruments and supplies .....	384	42.1	41.3	40.8	40.7	—	3.3	3.5	3.0	2.7	—
Surgical and medical instrument .....	3841	45.8	43.8	43.1	42.7	—	4.7	4.6	3.9	3.5	—
Surgical appliances and supplies .....	3842	39.6	39.3	39.1	39.0	—	2.8	3.1	2.9	2.6	—
Ophthalmic goods .....	385	45.7	45.6	41.1	42.6	—	2.6	2.4	1.6	1.9	—
Photographic equipment and supplies .....	386	38.9	38.8	38.2	39.0	—	3.6	3.7	2.9	4.3	—
Watches, clocks, watchcases, and parts .....	387	35.3	36.2	38.4	38.3	—	0.3	1.2	3.7	3.9	—
<b>Miscellaneous manufacturing industries</b>											
Jewelry, silverware, and plated ware .....	391	35.8	35.8	34.9	35.0	—	1.5	1.5	1.1	1.0	—
Jewelry, precious metal .....	3911	34.6	34.6	33.2	33.5	—	1.5	1.5	1.0	1.1	—
Musical instruments .....	393	40.4	41.1	40.4	40.8	—	1.1	1.4	0.9	0.9	—
Toys and sporting goods .....	394	38.6	38.9	38.6	40.2	—	1.9	2.1	1.2	1.8	—
Dolls, games, toys, and children's vehicles .....	3942,4	37.1	36.7	36.7	37.3	—	1.6	1.4	1.0	1.4	—
Sporting and athletic goods, nec .....	3949	39.1	39.6	39.2	41.1	—	2.0	2.3	1.3	1.9	—
Pens, pencils, office, and art supplies .....	395	39.4	39.0	38.2	37.4	—	1.8	2.6	2.5	3.4	—
Costume jewelry and notions .....	396	33.6	35.7	36.9	36.5	—	0.4	0.4	0.6	0.4	—
Costume jewelry .....	3961	31.2	35.9	37.3	37.5	—	0.0	0.0	0.7	0.4	—
Miscellaneous manufactures .....	399	38.0	38.5	36.3	36.8	—	1.7	1.9	2.0	1.8	—
Signs and advertising specialties .....	3993	39.5	41.2	36.3	38.9	—	1.9	2.5	2.3	1.9	—
<b>Nondurable goods</b>											
Food and kindred products .....	20	40.3	40.5	40.7	40.0	40.5	4.5	4.7	5.0	4.6	—
Meat products .....	201	39.8	40.1	40.4	38.9	—	3.8	3.8	4.6	3.7	—
Meat packing plants .....	2011	42.0	42.4	42.2	41.2	—	4.5	4.7	4.8	4.3	—
Sausages and other prepared meats .....	2013	41.4	41.3	40.9	39.8	—	5.1	5.2	5.3	4.6	—
Poultry slaughtering and processing .....	2015	38.0	38.4	39.2	37.4	—	3.0	2.9	4.3	3.0	—
Dairy products .....	202	42.1	41.4	40.6	40.9	—	4.5	4.4	3.9	4.1	—
Cheese, natural and processed .....	2022	42.8	43.0	42.0	42.7	—	3.3	3.4	2.9	3.1	—
Fluid milk .....	2026	42.5	41.7	40.9	41.1	—	5.5	5.4	4.2	4.4	—
Preserved fruits and vegetables .....	203	39.8	40.2	40.8	40.7	—	4.8	5.1	5.8	5.5	—
Canned specialties .....	2032	40.0	35.6	43.7	42.3	—	2.7	2.2	3.8	3.0	—
Canned fruits and vegetables .....	2033	42.5	42.1	41.6	41.6	—	6.2	7.2	7.4	6.1	—
Frozen fruits and vegetables .....	2037	43.2	43.3	42.8	42.7	—	5.8	5.2	7.4	7.2	—
Grain mill products .....	204	43.9	43.4	43.3	42.7	—	6.0	5.4	5.6	4.9	—
Flour and other grain mill products .....	2041	47.2	46.2	48.3	45.6	—	8.4	7.9	7.5	5.6	—
Prepared feeds, nec .....	2048	39.6	38.9	38.1	37.9	—	5.0	4.6	4.3	4.1	—

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	\$18.68	\$18.76	\$19.54	\$19.65	\$19.61	\$775.22	\$789.80	\$826.54	\$825.30	\$837.35
Motor vehicles and equipment .....	371	18.91	19.02	20.03	20.08	20.10	786.66	808.35	871.31	869.46	888.42
Motor vehicles and car bodies .....	3711	23.49	23.68	24.94	24.81	—	960.74	1,015.87	1,097.36	1,071.79	—
Truck and bus bodies .....	3713	16.63	16.71	17.71	17.81	—	721.74	723.54	766.84	758.71	—
Motor vehicle parts and accessories .....	3714	17.22	17.16	18.09	18.23	—	723.24	725.87	783.30	794.83	—
Truck trailers .....	3715	12.10	12.20	13.00	12.99	—	523.93	523.38	588.90	559.87	—
Aircraft and parts .....	372	20.81	20.91	21.58	21.72	—	907.32	917.95	897.73	901.38	—
Aircraft .....	3721	23.60	23.89	24.63	24.83	—	1,005.36	1,024.88	1,007.37	1,010.58	—
Aircraft engines and engine parts .....	3724	20.30	20.61	20.66	20.80	—	921.62	946.00	875.98	875.68	—
Aircraft parts and equipment, nec .....	3728	18.26	18.06	19.14	19.29	—	796.14	791.03	801.97	808.25	—
Ship and boat building and repairing .....	373	14.71	14.70	15.11	15.28	—	550.15	565.95	574.18	559.25	—
Ship building and repairing .....	3731	16.64	16.41	16.36	16.75	—	642.30	656.40	639.68	621.43	—
Boat building and repairing .....	3732	12.59	12.68	13.43	13.46	—	454.50	467.89	492.88	484.56	—
Railroad equipment .....	374	17.82	18.01	18.20	18.62	—	718.15	725.80	707.98	705.70	—
Guided missiles, space vehicles, and parts .....	376	21.39	21.48	21.79	21.76	—	909.08	897.86	895.57	913.92	—
Guided missiles and space vehicles .....	3761	22.50	22.56	22.88	22.89	—	938.25	927.22	956.38	961.38	—
Misc. transportation equipment .....	379	12.81	12.96	13.05	13.36	—	508.56	505.44	525.92	542.42	—
Travel trailers and campers .....	3792	12.62	12.70	12.14	12.88	—	470.73	474.98	517.16	526.79	—
Instruments and related products .....	38	14.60	14.73	15.15	15.22	15.30	605.90	605.40	612.06	613.37	622.71
Search and navigation equipment .....	381	18.61	18.84	19.43	19.46	—	720.21	734.76	751.94	747.26	—
Measuring and controlling devices .....	382	14.71	14.78	15.44	15.46	—	613.41	611.89	629.95	619.95	—
Environmental controls .....	3822	11.68	11.75	12.39	12.39	—	474.21	479.40	506.75	473.30	—
Process control instruments .....	3823	14.80	15.20	15.75	15.56	—	608.28	612.56	614.25	608.40	—
Instruments to measure electricity .....	3825	17.60	17.57	18.49	18.73	—	719.84	713.34	741.45	734.22	—
Medical instruments and supplies .....	384	13.55	13.76	13.95	13.97	—	570.46	568.29	569.16	568.58	—
Surgical and medical instrument .....	3841	12.34	12.56	12.90	12.94	—	565.17	550.13	555.99	552.54	—
Surgical appliances and supplies .....	3842	13.69	13.70	14.29	14.25	—	542.12	538.41	558.74	555.75	—
Ophthalmic goods .....	385	11.48	11.43	10.97	11.26	—	524.64	521.21	450.87	479.68	—
Photographic equipment and supplies .....	386	18.18	18.08	18.64	19.24	—	707.20	701.50	712.05	750.36	—
Watches, clocks, watchcases, and parts .....	387	10.39	10.33	11.27	11.30	—	366.77	373.95	432.77	432.79	—
Miscellaneous manufacturing industries .....	39	11.98	12.05	12.61	12.51	12.51	454.04	461.52	467.83	471.63	481.64
Jewelry, silverware, and plated ware .....	391	12.54	12.63	13.07	12.95	—	448.93	452.15	456.14	453.25	—
Jewelry, precious metal .....	3911	12.52	12.66	13.29	13.11	—	433.19	438.04	441.23	439.19	—
Musical instruments .....	393	11.00	11.15	11.63	11.32	—	444.40	458.27	469.85	461.86	—
Toys and sporting goods .....	394	12.09	12.06	12.33	12.46	—	466.67	469.13	475.94	500.89	—
Dolls, games, toys, and children's vehicles .....	3942,4	12.08	12.04	12.21	12.33	—	448.17	441.87	448.11	459.91	—
Sporting and athletic goods, nec .....	3949	12.10	12.07	12.37	12.50	—	473.11	477.97	484.90	513.75	—
Pens, pencils, office, and art supplies .....	395	12.05	12.24	12.61	13.08	—	474.77	477.36	481.70	489.19	—
Costume jewelry and notions .....	396	10.58	10.24	11.36	11.18	—	355.49	365.57	419.18	408.07	—
Costume jewelry .....	3961	9.59	9.04	10.88	10.42	—	299.21	324.54	405.82	390.75	—
Miscellaneous manufactures .....	399	12.02	12.17	12.92	12.60	—	456.76	468.55	469.00	463.68	—
Signs and advertising specialties .....	3993	13.27	13.51	14.60	13.88	—	524.17	556.61	559.18	539.93	—
<b>Nondurable goods</b> .....		13.97	13.97	14.46	14.45	14.47	560.20	561.59	578.40	575.11	583.14
Food and kindred products .....	20	12.65	12.68	13.16	13.09	13.13	509.80	513.54	535.61	523.60	531.77
Meat products .....	201	10.52	10.52	10.88	10.77	—	418.70	421.85	439.55	418.95	—
Meat packing plants .....	2011	11.08	11.17	11.50	11.48	—	465.36	473.61	485.30	472.98	—
Sausages and other prepared meats .....	2013	12.08	12.14	12.44	12.41	—	500.11	501.38	508.80	493.92	—
Poultry slaughtering and processing .....	2015	9.59	9.51	9.93	9.72	—	364.42	365.18	389.26	363.53	—
Dairy products .....	202	14.76	14.75	15.02	15.13	—	621.40	610.65	609.81	618.82	—
Cheese, natural and processed .....	2022	13.02	13.18	13.39	13.59	—	557.26	566.74	562.38	580.29	—
Fluid milk .....	2026	15.73	15.64	15.50	15.63	—	668.53	652.19	633.95	642.39	—
Preserved fruits and vegetables .....	203	12.14	12.03	12.80	12.68	—	483.17	483.61	522.24	516.08	—
Canned specialties .....	2032	15.49	15.40	15.40	15.36	—	619.60	548.24	672.98	649.73	—
Canned fruits and vegetables .....	2033	13.15	13.22	13.58	13.54	—	558.88	556.56	564.93	563.26	—
Frozen fruits and vegetables .....	2037	11.84	11.84	12.93	12.83	—	511.49	512.67	553.40	547.84	—
Grain mill products .....	204	14.88	15.08	15.32	15.44	—	653.23	654.47	663.36	659.29	—
Flour and other grain mill products .....	2041	13.59	13.77	13.94	13.74	—	641.45	636.17	673.30	626.54	—
Prepared feeds, nec .....	2048	12.89	13.18	13.62	13.70	—	510.44	512.70	518.92	519.23	—

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>p</sup>	Mar. 2002 <sup>p</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>p</sup>	Mar. 2002 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	38.9	39.5	38.2	38.4	—	3.7	4.0	3.8	3.5	—
Bread, cake, and related products .....	2051	38.7	39.1	37.7	38.4	—	3.9	4.0	3.2	3.5	—
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	39.3	40.3	39.0	38.3	—	3.4	4.0	4.8	3.6	—
Sugar and confectionery products .....	206	43.4	43.6	47.4	46.3	—	4.7	5.1	8.7	7.7	—
Cane sugar .....	2061,2	56.4	56.4	69.9	68.8	—	9.4	9.1	23.4	20.8	—
Beet sugar .....	2063	41.3	41.2	44.7	43.2	—	3.5	3.7	5.0	3.6	—
Candy and other confectionery products .....	2064	42.1	42.2	41.9	40.3	—	4.6	5.1	5.5	4.8	—
Fats and oils .....	207	40.9	41.0	43.0	42.1	—	3.5	3.6	5.1	5.1	—
Beverages .....	208	43.2	43.4	43.8	43.6	—	4.6	4.9	4.7	5.4	—
Malt beverages .....	2082	45.3	44.7	44.9	44.4	—	6.5	6.0	6.8	7.1	—
Bottled and canned soft drinks .....	2086	43.4	44.0	44.5	44.8	—	4.6	5.4	4.7	6.8	—
Misc. food and kindred products .....	209	36.7	37.2	36.0	36.2	—	6.0	7.1	5.2	5.9	—
Tobacco products .....	21	38.7	39.5	40.1	40.2	40.0	2.2	3.3	4.3	4.3	—
Cigarettes .....	211	42.0	42.7	42.7	42.7	—	2.8	4.2	5.3	5.3	—
Textile mill products .....	22	39.9	40.5	39.9	40.5	41.8	3.3	3.5	3.6	3.7	—
Broadwoven fabric mills, cotton .....	221	39.7	40.2	37.7	38.1	—	3.8	3.7	2.8	2.9	—
Broadwoven fabric mills, synthetics .....	222	37.9	37.9	40.7	41.1	—	3.1	2.9	4.4	4.8	—
Broadwoven fabric mills, wool .....	223	45.1	45.1	38.1	38.8	—	2.3	1.9	0.5	1.1	—
Narrow fabric mills .....	224	42.9	42.9	39.5	40.6	—	2.7	2.8	1.7	2.6	—
Knitting mills .....	225	38.3	39.1	38.0	39.3	—	2.9	3.7	4.1	4.1	—
Women's hosiery, except socks .....	2251	37.3	37.8	35.7	38.0	—	2.0	1.8	1.8	1.9	—
Hosiery, nec .....	2252	35.2	36.5	34.2	35.5	—	2.0	2.5	1.7	1.7	—
Knit outerwear mills .....	2253	40.4	41.4	41.9	43.0	—	3.8	4.6	8.8	8.8	—
Weft knit fabric mills .....	2257	37.0	36.6	36.9	38.5	—	3.0	3.1	1.9	2.6	—
Textile finishing, except wool .....	226	40.4	40.8	41.5	42.1	—	4.0	4.4	4.6	4.7	—
Finishing plants, cotton .....	2261	43.0	44.1	45.9	46.0	—	4.6	5.1	6.1	6.3	—
Finishing plants, synthetics .....	2262	39.4	38.4	39.5	39.9	—	2.9	2.5	2.4	2.4	—
Carpets and rugs .....	227	42.2	43.7	43.5	43.2	—	3.2	3.6	3.1	2.5	—
Yarn and thread mills .....	228	40.2	40.5	39.3	40.0	—	3.7	3.5	3.6	3.9	—
Yarn spinning mills .....	2281	39.9	40.0	38.5	38.8	—	4.3	4.0	4.2	4.5	—
Throwing and winding mills .....	2282	41.7	42.0	42.6	44.5	—	2.1	2.0	2.8	2.8	—
Miscellaneous textile goods .....	229	39.2	40.1	40.9	41.1	—	3.2	3.4	3.2	3.6	—
Apparel and other textile products .....	23	37.7	37.6	36.6	37.2	38.5	1.9	2.0	1.7	1.9	—
Men's and boys' suits and coats .....	231	35.2	35.4	36.6	37.4	—	0.3	0.3	0.4	0.7	—
Men's and boys' furnishings .....	232	38.0	37.6	36.5	36.8	—	2.1	2.3	1.5	1.7	—
Men's and boys' shirts .....	2321	34.1	34.1	34.2	34.7	—	0.5	0.4	0.2	0.1	—
Men's and boys' trousers and slacks .....	2325	35.6	34.5	33.2	33.8	—	0.8	1.0	0.5	0.8	—
Men's and boys' work clothing .....	2326	41.4	40.6	36.8	37.2	—	7.0	6.7	4.9	5.8	—
Women's and misses' outerwear .....	233	38.5	37.5	36.9	38.3	—	1.0	1.0	0.8	0.9	—
Women's and misses' blouses and shirts .....	2331	30.0	30.5	31.9	32.7	—	1.7	2.5	1.9	2.3	—
Women's, juniors', and misses' dresses .....	2335	43.6	42.8	45.8	46.8	—	2.0	2.2	2.5	2.7	—
Women's and misses' suits and coats .....	2337	36.9	37.2	39.0	36.8	—	0.7	0.8	0.4	0.0	—
Women's and misses' outerwear, nec .....	2339	38.5	37.2	35.6	37.3	—	0.7	0.6	0.4	0.5	—
Women's and children's undergarments .....	234	31.7	32.8	31.1	30.5	—	0.9	1.1	0.4	0.3	—
Women's and children's underwear .....	2341	32.4	32.5	34.0	32.3	—	1.1	1.4	0.5	0.4	—
Brassieres, girdles, and allied garments .....	2342	29.7	33.4	23.4	25.6	—	0.3	0.4	0.0	0.0	—
Girls' and children's outerwear .....	236	37.8	37.8	42.7	40.8	—	1.1	1.1	2.2	2.2	—
Girls' and children's dresses and blouses .....	2361	38.0	38.2	45.0	42.7	—	0.5	0.4	0.7	1.5	—
Fur goods and misc. apparel and accessories .....	237,8	36.3	35.7	32.8	32.2	—	3.8	3.6	2.4	2.6	—
Misc. fabricated textile products .....	239	38.0	38.5	37.2	37.8	—	2.5	2.7	2.7	2.8	—
Curtains and draperies .....	2391	40.3	38.3	34.7	35.7	—	4.7	2.0	0.7	0.3	—
House furnishings, nec .....	2392	36.7	37.8	39.2	39.2	—	1.6	2.1	2.3	2.4	—
Automotive and apparel trimmings .....	2396	41.1	41.8	38.5	39.2	—	3.6	4.2	3.2	4.0	—
Paper and allied products .....	26	41.3	41.5	41.4	41.1	41.5	4.6	4.7	4.5	4.5	—
Paper mills .....	262	42.9	42.7	42.6	42.3	—	5.8	5.4	5.6	5.6	—
Paperboard mills .....	263	40.9	42.8	38.5	38.7	—	6.5	6.9	5.7	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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	\$13.82	\$14.00	\$14.64	\$14.60	—	\$537.60	\$553.00	\$559.25	\$560.64	—
Bread, cake, and related products .....	2051	13.94	14.09	14.27	14.30	—	539.48	550.92	537.98	549.12	—
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	13.61	13.86	15.24	15.10	—	534.87	558.56	594.36	578.33	—
Sugar and confectionery products .....	206	14.79	14.98	15.55	15.41	—	641.89	653.13	737.07	713.48	—
Cane sugar .....	2061,2	14.82	15.05	15.60	15.21	—	835.85	848.82	1,090.44	1,046.45	—
Beet sugar .....	2063	15.99	16.88	16.70	16.69	—	660.39	695.46	746.49	721.01	—
Candy and other confectionery products .....	2064	14.49	14.55	15.68	15.71	—	610.03	614.01	656.99	633.11	—
Fats and oils .....	207	12.37	12.36	12.79	12.67	—	505.93	506.76	549.97	533.41	—
Beverages .....	208	17.06	17.12	18.03	17.91	—	736.99	743.01	789.71	780.88	—
Malt beverages .....	2082	24.21	24.59	25.29	24.75	—	1,096.71	1,099.17	1,135.52	1,098.90	—
Bottled and canned soft drinks .....	2086	14.47	14.56	16.03	16.20	—	628.00	640.64	713.34	725.76	—
Misc. food and kindred products .....	209	11.45	11.45	12.10	11.88	—	420.22	425.94	435.60	430.06	—
Tobacco products .....	21	21.49	22.63	21.91	22.16	\$22.82	831.66	893.89	878.59	890.83	\$912.80
Cigarettes .....	211	25.47	26.02	26.65	26.65	—	1,069.74	1,111.05	1,137.96	1,137.96	—
Textile mill products .....	22	11.27	11.31	11.64	11.61	11.63	449.67	458.06	464.44	470.21	486.13
Broadwoven fabric mills, cotton .....	221	11.48	11.45	11.72	11.81	—	455.76	460.29	441.84	449.96	—
Broadwoven fabric mills, synthetics .....	222	12.43	12.26	12.62	12.67	—	471.10	464.65	513.63	520.74	—
Broadwoven fabric mills, wool .....	223	12.03	12.01	11.84	12.16	—	542.55	541.65	451.10	471.81	—
Narrow fabric mills .....	224	10.87	10.87	11.23	11.22	—	466.32	466.32	443.59	455.53	—
Knitting mills .....	225	10.68	10.80	11.13	10.93	—	409.04	422.28	422.94	429.55	—
Women's hosiery, except socks .....	2251	9.18	9.17	9.28	9.13	—	342.41	346.63	331.30	346.94	—
Hosiery, nec .....	2252	10.49	10.51	10.78	10.63	—	369.25	383.62	368.68	377.37	—
Knit outerwear mills .....	2253	11.12	11.31	12.22	11.69	—	449.25	468.23	512.02	502.67	—
Weft knit fabric mills .....	2257	11.01	11.08	11.21	11.20	—	407.37	405.53	413.65	431.20	—
Textile finishing, except wool .....	226	11.01	11.20	11.69	11.75	—	444.80	456.96	485.14	494.68	—
Finishing plants, cotton .....	2261	10.48	10.76	11.38	11.39	—	450.64	474.52	522.34	523.94	—
Finishing plants, synthetics .....	2262	12.21	12.17	12.66	12.96	—	481.07	467.33	500.07	517.10	—
Carpets and rugs .....	227	11.12	11.23	11.40	11.30	—	469.26	490.75	495.90	488.16	—
Yarn and thread mills .....	228	10.66	10.62	10.97	11.01	—	428.53	430.11	431.12	440.40	—
Yarn spinning mills .....	2281	10.63	10.64	10.88	10.98	—	424.14	425.60	418.88	426.02	—
Throwing and winding mills .....	2282	10.61	10.34	11.07	10.86	—	442.44	434.28	471.58	483.27	—
Miscellaneous textile goods .....	229	12.76	12.80	12.97	12.97	—	500.19	513.28	530.47	533.07	—
Apparel and other textile products .....	23	9.36	9.46	9.77	9.78	9.89	352.87	355.70	357.58	363.82	380.77
Men's and boys' suits and coats .....	231	9.28	9.34	9.50	9.60	—	326.66	330.64	347.70	359.04	—
Men's and boys' furnishings .....	232	8.54	8.54	8.95	8.93	—	324.52	321.10	326.68	328.62	—
Men's and boys' shirts .....	2321	8.94	8.78	9.04	8.94	—	304.85	299.40	309.17	310.22	—
Men's and boys' trousers and slacks .....	2325	8.80	8.89	9.07	9.08	—	313.28	306.71	301.12	306.90	—
Men's and boys' work clothing .....	2326	8.28	8.39	8.84	8.86	—	342.79	340.63	325.31	329.59	—
Women's and misses' outerwear .....	233	8.58	8.75	8.89	8.90	—	330.33	328.13	328.04	340.87	—
Women's and misses' blouses and shirts .....	2331	8.86	8.94	9.38	9.11	—	265.80	272.67	299.22	297.90	—
Women's, juniors', and misses' dresses .....	2335	9.59	10.10	10.90	10.96	—	418.12	432.28	499.22	512.93	—
Women's and misses' suits and coats .....	2337	8.98	8.72	8.86	9.70	—	331.36	324.38	345.54	356.96	—
Women's and misses' outerwear, nec .....	2339	8.27	8.41	8.35	8.31	—	318.40	312.85	297.26	309.96	—
Women's and children's undergarments .....	234	9.00	9.20	9.61	9.48	—	285.30	301.76	298.87	289.14	—
Women's and children's underwear .....	2341	8.72	8.91	9.41	9.22	—	282.53	289.58	319.94	297.81	—
Brassieres, girdles, and allied garments .....	2342	9.78	9.91	10.39	10.35	—	290.47	330.99	243.13	264.96	—
Girls' and children's outerwear .....	236	8.56	8.61	8.58	8.44	—	323.57	325.46	366.37	344.35	—
Girls' and children's dresses and blouses .....	2361	8.93	8.98	8.43	8.25	—	339.34	343.04	379.35	352.28	—
Fur goods and misc. apparel and accessories .....	237,8	8.86	8.94	8.86	8.93	—	321.62	319.16	290.61	287.55	—
Misc. fabricated textile products .....	239	10.63	10.68	11.06	11.11	—	403.94	411.18	411.43	419.96	—
Curtains and draperies .....	2391	8.53	8.68	8.93	8.91	—	343.76	332.44	309.87	318.09	—
House furnishings, nec .....	2392	9.43	9.56	9.62	9.68	—	346.08	361.37	377.10	379.46	—
Automotive and apparel trimmings .....	2396	13.13	13.07	13.71	13.88	—	539.64	546.33	527.84	544.10	—
Paper and allied products .....	26	16.54	16.56	17.07	17.04	17.10	683.10	687.24	706.70	700.34	709.65
Paper mills .....	262	21.27	21.16	21.83	21.72	—	912.48	903.53	929.96	918.76	—
Paperboard mills .....	263	20.72	20.77	22.24	22.10	—	847.45	888.96	856.24	855.27	—

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	41.1	41.3	42.1	41.5	—	3.6	3.8	3.8	3.9	—
Corrugated and solid fiber boxes .....	2653	40.4	40.3	41.6	40.9	—	3.5	3.7	3.5	3.6	—
Sanitary food containers .....	2656	40.8	41.6	42.6	41.8	—	4.4	4.5	5.3	5.2	—
Folding paperboard boxes .....	2657	42.0	42.6	43.1	42.9	—	4.0	4.2	4.3	4.2	—
Misc. converted paper products .....	267	40.6	40.7	40.3	40.4	—	4.5	4.5	4.3	4.0	—
Paper, coated and laminated, nec .....	2672	44.1	43.5	45.0	44.5	—	3.2	2.9	2.6	2.4	—
Bags: plastics, laminated, and coated .....	2673	36.9	37.3	36.9	37.1	—	7.1	7.7	7.1	6.3	—
Envelopes .....	2677	39.1	40.0	38.5	39.5	—	4.9	4.4	3.3	3.1	—
Printing and publishing .....	27	38.1	38.5	37.3	37.4	37.7	3.0	3.3	2.4	2.6	—
Newspapers .....	271	32.8	33.1	32.0	32.8	—	1.4	1.5	1.1	1.3	—
Periodicals .....	272	38.4	38.0	36.8	36.5	—	5.7	5.3	4.5	4.4	—
Books .....	273	39.7	40.1	38.7	38.9	—	2.2	2.8	1.2	2.0	—
Book publishing .....	2731	38.7	39.2	38.3	37.4	—	0.7	1.1	0.4	0.5	—
Book printing .....	2732	40.5	40.8	39.0	40.3	—	3.4	4.2	2.0	3.4	—
Miscellaneous publishing .....	274	33.4	33.9	33.2	33.3	—	1.3	1.7	2.1	2.8	—
Commercial printing .....	275	40.0	40.6	38.9	39.1	—	3.7	4.1	2.8	3.0	—
Commercial printing, lithographic .....	2752	39.8	40.6	38.7	39.1	—	3.2	3.7	2.3	2.4	—
Commercial printing, nec .....	2759	40.0	40.3	39.8	39.6	—	4.9	5.0	4.1	4.6	—
Manifold business forms .....	276	39.6	38.9	40.5	38.6	—	2.3	1.8	3.1	1.9	—
Blankbooks and bookbinding .....	278	39.4	39.4	40.4	39.6	—	2.6	3.4	2.6	2.6	—
Printing trade services .....	279	40.1	40.9	40.5	39.9	—	4.6	5.7	3.5	4.4	—
Chemicals and allied products .....	28	42.3	42.2	41.9	41.5	41.8	4.6	4.7	4.7	4.5	—
Industrial inorganic chemicals .....	281	40.4	40.1	39.6	39.6	—	4.2	3.9	3.6	4.0	—
Industrial inorganic chemicals, nec .....	2819	42.9	42.4	42.2	41.8	—	5.1	4.4	4.6	4.9	—
Plastics materials and synthetics .....	282	41.5	41.8	41.4	41.3	—	4.7	4.9	4.1	4.4	—
Plastics materials and resins .....	2821	42.8	42.9	42.9	42.6	—	4.5	4.7	3.6	3.7	—
Organic fibers, noncellulosic .....	2824	40.4	40.6	38.6	39.0	—	5.1	5.1	4.4	5.2	—
Drugs .....	283	43.3	43.3	43.6	42.3	—	5.0	5.3	5.8	5.5	—
Pharmaceutical preparations .....	2834	43.4	43.2	43.2	41.7	—	4.5	4.9	5.4	5.0	—
Soap, cleaners, and toilet goods .....	284	40.8	40.5	41.1	40.0	—	4.0	3.9	4.0	3.1	—
Soap and other detergents .....	2841	43.8	42.8	46.5	45.7	—	5.0	4.6	4.0	2.9	—
Polishing, sanitation, and finishing preparations .....	2842,3	35.6	35.3	36.6	37.3	—	2.7	3.0	3.0	4.1	—
Toilet preparations .....	2844	41.9	42.1	40.9	38.6	—	4.1	4.0	4.6	2.7	—
Paints and allied products .....	285	39.6	39.8	37.4	37.6	—	4.2	4.9	4.8	4.3	—
Industrial organic chemicals .....	286	44.7	44.8	43.6	44.0	—	5.8	5.9	4.9	4.6	—
Cyclic crudes and intermediates .....	2865	41.2	39.8	39.1	40.3	—	3.8	2.7	5.1	5.3	—
Other industrial organic chemicals .....	2861,9	45.4	45.7	44.3	44.7	—	6.2	6.5	4.9	4.5	—
Agricultural chemicals .....	287	42.8	42.2	39.7	39.6	—	5.0	5.5	2.7	2.6	—
Miscellaneous chemical products .....	289	43.3	43.3	43.2	43.4	—	3.8	3.6	5.3	5.8	—
Petroleum and coal products .....	29	43.1	42.9	41.6	40.6	40.1	6.4	6.3	5.0	5.2	—
Petroleum refining .....	291	43.8	42.8	41.1	39.7	—	7.5	7.1	5.7	5.9	—
Asphalt paving and roofing materials .....	295	39.9	41.8	38.2	38.6	—	3.7	4.3	2.9	3.4	—
Rubber and misc. plastics products .....	30	40.8	40.8	40.9	40.9	41.0	3.5	3.6	3.4	3.5	—
Tires and inner tubes .....	301	45.2	44.2	46.6	45.7	—	5.3	5.2	5.5	5.5	—
Rubber and plastics footwear .....	302	44.0	41.2	39.1	36.2	—	0.4	0.4	—	—	—
Hose, belting, gaskets, and packing .....	305	41.4	41.2	39.8	39.9	—	4.0	4.0	3.1	3.6	—
Rubber and plastics hose and belting .....	3052	41.3	40.4	38.2	38.3	—	4.2	3.7	1.7	2.4	—
Fabricated rubber products, nec .....	306	40.1	39.5	41.0	40.5	—	3.0	2.7	3.2	3.1	—
Miscellaneous plastics products, nec .....	308	40.3	40.5	40.4	40.6	—	3.4	3.5	3.3	3.4	—
Leather and leather products .....	31	36.1	35.9	37.5	37.2	37.7	1.3	1.3	1.4	1.2	—
Leather tanning and finishing .....	311	42.9	42.3	45.2	44.1	—	3.6	4.0	6.6	5.9	—
Footwear cut stock and footwear, except rubber .....	313,4	37.3	36.8	41.6	40.3	—	0.8	0.7	0.5	0.4	—
Men's footwear, except athletic .....	3143	32.1	32.0	38.3	36.1	—	0.5	0.4	0.6	0.6	—
Women's footwear, except athletic .....	3144	45.8	45.5	46.7	46.5	—	0.4	0.2	0.2	0.3	—
Luggage .....	316	28.1	29.6	27.8	30.8	—	0.3	0.1	0.2	0.6	—
Handbags and personal leather goods .....	317	33.5	30.9	27.8	27.9	—	2.5	1.6	0.7	0.2	—
<b>Service-producing .....</b>		32.6	32.5	32.2	32.5	32.5	—	—	—	—	—
<b>Transportation and public utilities .....</b>		38.2	38.0	37.4	37.4	37.6	—	—	—	—	—

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Nondurable goods—Continued</b>											
<b>Paper and allied products—Continued</b>											
Paperboard containers and boxes .....	265	\$14.17	\$14.29	\$14.56	\$14.65	—	\$582.39	\$590.18	\$612.98	\$607.98	—
Corrugated and solid fiber boxes .....	2653	14.05	14.19	14.43	14.47	—	567.62	571.86	600.29	591.82	—
Sanitary food containers .....	2656	14.27	14.24	14.78	14.83	—	582.22	592.38	629.63	619.89	—
Folding paperboard boxes .....	2657	15.24	15.40	15.65	15.75	—	640.08	656.04	674.52	675.68	—
Misc. converted paper products .....	267	14.46	14.43	14.79	14.68	—	587.08	587.30	596.04	593.07	—
Paper, coated and laminated, nec .....	2672	17.64	17.56	18.65	18.55	—	777.92	763.86	839.25	825.48	—
Bags: plastics, laminated, and coated .....	2673	13.27	13.36	13.45	13.19	—	489.66	498.33	496.31	489.35	—
Envelopes .....	2677	12.82	12.84	13.46	13.54	—	501.26	513.60	518.21	534.83	—
Printing and publishing .....	27	14.64	14.69	15.04	15.12	\$15.23	557.78	565.57	560.99	565.49	\$574.17
Newspapers .....	271	13.90	13.91	14.63	14.67	—	455.92	460.42	468.16	481.18	—
Periodicals .....	272	15.62	16.00	16.18	16.38	—	599.81	608.00	595.42	597.87	—
Books .....	273	14.92	15.09	15.43	15.53	—	592.32	605.11	597.14	604.12	—
Book publishing .....	2731	14.64	14.93	14.31	14.31	—	566.57	585.26	548.07	535.19	—
Book printing .....	2732	15.15	15.22	16.47	16.63	—	613.58	620.98	642.33	670.19	—
Miscellaneous publishing .....	274	14.59	14.63	14.63	14.34	—	487.31	495.96	485.72	477.52	—
Commercial printing .....	275	15.08	15.08	15.41	15.46	—	603.20	612.25	599.45	604.49	—
Commercial printing, lithographic .....	2752	15.34	15.26	15.55	15.50	—	610.53	619.56	601.79	606.05	—
Commercial printing, nec .....	2759	14.35	14.52	14.92	15.21	—	574.00	585.16	593.82	602.32	—
Manifold business forms .....	276	14.43	14.32	14.68	14.91	—	571.43	557.05	594.54	575.53	—
Blankbooks and bookbinding .....	278	11.11	11.16	11.45	11.53	—	437.73	439.70	462.58	456.59	—
Printing trade services .....	279	16.99	17.35	17.19	17.42	—	681.30	709.62	696.20	695.06	—
Chemicals and allied products .....	28	18.41	18.33	18.84	18.96	18.91	778.74	773.53	789.40	786.84	790.44
Industrial inorganic chemicals .....	281	19.59	19.39	20.24	20.20	—	791.44	777.54	801.50	799.92	—
Industrial inorganic chemicals, nec .....	2819	20.79	20.46	21.79	21.81	—	891.89	867.50	919.54	911.66	—
Plastics materials and synthetics .....	282	18.92	18.99	19.67	19.70	—	785.18	793.78	814.34	813.61	—
Plastics materials and resins .....	2821	20.93	21.05	22.09	22.08	—	895.80	903.05	947.66	940.61	—
Organic fibers, noncellulosic .....	2824	16.59	16.60	16.52	16.72	—	670.24	673.96	637.67	652.08	—
Drugs .....	283	18.43	17.98	18.51	18.96	—	798.02	778.53	807.04	802.01	—
Pharmaceutical preparations .....	2834	18.09	17.54	18.20	18.74	—	785.11	757.73	786.24	781.46	—
Soap, cleaners, and toilet goods .....	284	16.16	16.17	16.74	16.74	—	659.33	654.89	688.01	669.60	—
Soap and other detergents .....	2841	20.78	20.76	20.95	21.16	—	910.16	888.53	974.18	967.01	—
Polishing, sanitation, and finishing preparations .....	2842,3	13.94	13.88	13.88	13.95	—	496.26	489.96	508.01	520.34	—
Toilet preparations .....	2844	14.74	14.86	15.83	15.64	—	617.61	625.61	647.45	603.70	—
Paints and allied products .....	285	15.68	15.83	16.72	16.81	—	620.93	630.03	625.33	632.06	—
Industrial organic chemicals .....	286	21.95	22.14	21.91	21.90	—	981.17	991.87	955.28	963.60	—
Cyclic crudes and intermediates .....	2865	23.23	23.10	25.23	24.37	—	957.08	919.38	986.49	982.11	—
Other industrial organic chemicals .....	2861,9	21.74	21.99	21.42	21.51	—	987.00	1,004.94	948.91	961.50	—
Agricultural chemicals .....	287	18.93	18.95	20.18	20.02	—	810.20	799.69	801.15	792.79	—
Miscellaneous chemical products .....	289	16.53	16.64	17.00	16.90	—	715.75	720.51	734.40	733.46	—
Petroleum and coal products .....	29	22.21	21.83	22.05	22.46	22.38	957.25	936.51	917.28	911.88	897.44
Petroleum refining .....	291	24.66	24.38	24.59	25.41	—	1,080.11	1,043.46	1,010.65	1,008.78	—
Asphalt paving and roofing materials .....	295	17.04	17.33	17.60	17.30	—	679.90	724.39	672.32	667.78	—
Rubber and misc. plastics products .....	30	13.31	13.19	13.66	13.61	13.65	543.05	538.15	558.69	556.65	559.65
Tires and inner tubes .....	301	19.44	19.29	19.91	20.00	—	878.69	852.62	927.81	914.00	—
Rubber and plastics footwear .....	302	8.73	8.73	8.47	8.61	—	384.12	359.68	331.18	311.68	—
Hose, belting, gaskets, and packing .....	305	13.05	13.02	14.12	14.24	—	540.27	536.42	561.98	568.18	—
Rubber and plastics hose and belting .....	3052	13.28	13.27	13.87	14.01	—	548.46	536.11	529.83	536.58	—
Fabricated rubber products, nec .....	306	12.86	13.05	13.34	13.30	—	515.69	515.48	546.94	538.65	—
Miscellaneous plastics products, nec .....	308	12.69	12.55	12.92	12.86	—	511.41	508.28	521.97	522.12	—
Leather and leather products .....	31	10.35	10.46	10.27	10.33	10.36	373.64	375.51	385.13	384.28	390.57
Leather tanning and finishing .....	311	12.79	12.68	12.77	13.22	—	548.69	536.36	577.20	583.00	—
Footwear cut stock and footwear, except rubber .....	313,4	9.77	9.96	9.50	9.55	—	364.42	366.53	395.20	384.87	—
Men's footwear, except athletic .....	3143	10.27	10.57	9.82	9.91	—	329.67	338.24	376.11	357.75	—
Women's footwear, except athletic .....	3144	8.92	9.12	8.61	8.94	—	408.54	414.96	402.09	415.71	—
Luggage .....	316	9.88	9.72	9.63	9.87	—	277.63	287.71	267.71	304.00	—
Handbags and personal leather goods .....	317	9.85	10.35	11.14	10.87	—	329.98	319.82	309.69	303.27	—
<b>Service-producing .....</b>		<b>13.73</b>	<b>13.74</b>	<b>14.24</b>	<b>14.27</b>	<b>14.26</b>	<b>447.60</b>	<b>446.55</b>	<b>458.53</b>	<b>463.78</b>	<b>463.45</b>
<b>Transportation and public utilities .....</b>		<b>16.68</b>	<b>16.65</b>	<b>17.39</b>	<b>17.44</b>	<b>17.41</b>	<b>637.18</b>	<b>632.70</b>	<b>650.39</b>	<b>652.26</b>	<b>654.62</b>

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Transportation and public utilities—Continued</b>											
Railroad transportation:											
Class I railroads plus Amtrak <sup>2</sup> .....	4011	43.9	42.9	44.5	45.0	-	-	-	-	-	-
Local and interurban passenger transit .....	41	34.2	34.0	32.1	33.0	-	-	-	-	-	-
Local and suburban transportation .....	411	38.3	38.0	37.1	36.6	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	37.9	37.2	37.1	38.9	-	-	-	-	-	-
Trucking and warehousing .....	42	39.4	39.5	38.4	38.4	-	-	-	-	-	-
Trucking and courier services, except air .....	421	39.5	39.6	38.4	38.5	-	-	-	-	-	-
Public warehousing and storage .....	422	38.6	38.8	38.2	38.1	-	-	-	-	-	-
Water transportation:											
Water transportation services .....	449	34.7	33.9	32.7	32.5	-	-	-	-	-	-
Pipelines, except natural gas .....	46	41.1	40.4	39.7	38.9	-	-	-	-	-	-
Transportation services .....	47	37.3	37.2	36.3	36.5	-	-	-	-	-	-
Passenger transportation arrangement .....	472	36.0	36.0	35.7	36.1	-	-	-	-	-	-
Travel agencies .....	4724	36.4	36.3	36.3	36.8	-	-	-	-	-	-
Freight transportation arrangement .....	473	38.0	37.9	36.2	36.5	-	-	-	-	-	-
Communications .....	48	39.8	39.5	39.3	39.0	-	-	-	-	-	-
Telephone communications .....	481	40.8	40.5	39.9	39.6	-	-	-	-	-	-
Telephone communications, except radio .....	4813	41.1	40.7	39.9	39.6	-	-	-	-	-	-
Radio and television broadcasting .....	483	34.9	34.7	34.9	34.6	-	-	-	-	-	-
Cable and other pay television services .....	484	40.5	40.4	40.7	41.2	-	-	-	-	-	-
Electric, gas, and sanitary services .....	49	41.6	41.7	41.2	41.3	-	-	-	-	-	-
Electric services .....	491	41.9	42.3	41.2	41.6	-	-	-	-	-	-
Gas production and distribution .....	492	41.4	40.8	39.9	40.2	-	-	-	-	-	-
Combination utility services .....	493	41.3	41.5	41.8	42.2	-	-	-	-	-	-
Sanitary services .....	495	41.7	41.8	41.9	41.5	-	-	-	-	-	-
<b>Wholesale trade</b> .....		37.8	38.0	37.9	38.1	38.1	-	-	-	-	-
Durable goods .....	50	38.2	38.4	38.2	38.4	-	-	-	-	-	-
Motor vehicles, parts, and supplies .....	501	35.9	35.6	34.8	35.3	-	-	-	-	-	-
Furniture and home furnishings .....	502	36.9	37.7	37.7	37.7	-	-	-	-	-	-
Lumber and other construction materials .....	503	37.4	38.4	38.3	38.2	-	-	-	-	-	-
Professional and commercial equipment .....	504	38.8	39.1	39.5	39.8	-	-	-	-	-	-
Medical and hospital equipment .....	5047	38.8	38.6	40.0	39.7	-	-	-	-	-	-
Metals and minerals, except petroleum .....	505	40.4	40.4	39.9	40.1	-	-	-	-	-	-
Electrical goods .....	506	37.7	37.6	37.2	37.4	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	40.2	40.2	39.9	40.5	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	39.3	39.2	38.7	38.7	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	37.1	37.4	37.6	37.9	-	-	-	-	-	-
Nondurable goods .....	51	37.2	37.4	37.5	37.7	-	-	-	-	-	-
Paper and paper products .....	511	35.2	34.3	34.5	34.4	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	35.5	35.9	38.1	36.8	-	-	-	-	-	-
Apparel, piece goods, and notions .....	513	38.5	38.8	38.3	38.7	-	-	-	-	-	-
Groceries and related products .....	514	38.7	39.1	39.2	39.5	-	-	-	-	-	-
Farm-product raw materials .....	515	30.1	30.2	30.8	30.5	-	-	-	-	-	-
Chemicals and allied products .....	516	40.6	40.9	41.2	41.8	-	-	-	-	-	-
Petroleum and petroleum products .....	517	37.8	37.8	37.3	37.5	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	37.3	37.3	37.8	38.4	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	35.7	36.5	35.6	36.1	-	-	-	-	-	-
<b>Retail trade</b> .....		28.4	28.4	28.0	28.6	28.6	-	-	-	-	-
Building materials and garden supplies .....	52	35.0	35.4	35.8	36.0	-	-	-	-	-	-
Lumber and other building materials .....	521	37.2	37.6	38.1	38.3	-	-	-	-	-	-
Paint, glass, and wallpaper stores .....	523	34.4	35.1	34.5	35.0	-	-	-	-	-	-
Hardware stores .....	525	29.6	29.6	29.8	29.9	-	-	-	-	-	-
Retail nurseries and garden stores .....	526	31.1	32.0	31.0	31.3	-	-	-	-	-	-

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Transportation and public utilities—Continued</b>											
Railroad transportation:											
Class I railroads plus Amtrak <sup>2</sup> .....	4011	\$18.35	\$18.67	\$18.57	\$18.79	—	\$805.57	\$800.94	\$826.37	\$845.55	—
Local and interurban passenger transit .....	41	12.23	12.26	12.65	12.56	—	418.27	416.84	406.07	414.48	—
Local and suburban transportation .....	411	12.97	13.01	13.45	13.37	—	496.75	494.38	499.00	489.34	—
Intercity and rural bus transportation .....	413	13.70	13.50	13.36	13.30	—	519.23	502.20	495.66	517.37	—
Trucking and warehousing .....	42	14.50	14.55	14.86	14.95	—	571.30	574.73	570.62	574.08	—
Trucking and courier services, except air .....	421	14.73	14.79	15.06	15.17	—	581.84	585.68	578.30	584.05	—
Public warehousing and storage .....	422	12.55	12.48	13.01	12.99	—	484.43	484.22	496.98	494.92	—
Water transportation:											
Water transportation services .....	449	21.28	21.39	23.25	23.51	—	738.42	725.12	760.28	764.08	—
Pipelines, except natural gas .....	46	23.79	22.85	23.69	23.54	—	977.77	923.14	940.49	915.71	—
Transportation services .....	47	14.91	14.95	15.56	15.78	—	556.14	556.14	564.83	575.97	—
Passenger transportation arrangement .....	472	15.59	15.52	16.44	16.98	—	561.24	558.72	586.91	612.98	—
Travel agencies .....	4724	15.92	15.93	17.15	17.86	—	579.49	578.26	622.55	657.25	—
Freight transportation arrangement .....	473	15.02	15.18	15.88	15.86	—	570.76	575.32	574.86	578.89	—
Communications .....	48	18.39	18.09	19.14	19.10	—	731.92	714.56	752.20	744.90	—
Telephone communications .....	481	18.77	18.36	19.90	19.87	—	765.82	743.58	794.01	786.85	—
Telephone communications, except radio .....	4813	19.37	18.76	20.28	20.34	—	796.11	763.53	809.17	805.46	—
Radio and television broadcasting .....	483	18.90	18.94	19.29	19.10	—	659.61	657.22	673.22	660.86	—
Cable and other pay television services .....	484	15.72	15.57	15.34	15.51	—	636.66	629.03	624.34	639.01	—
Electric, gas, and sanitary services .....	49	22.00	22.12	22.84	23.05	—	915.20	922.40	941.01	951.97	—
Electric services .....	491	22.86	22.86	23.15	23.50	—	957.83	966.98	953.78	977.60	—
Gas production and distribution .....	492	20.12	19.96	20.81	20.83	—	832.97	814.37	830.32	837.37	—
Combination utility services .....	493	26.03	26.58	27.59	27.93	—	1,075.04	1,103.07	1,153.26	1,178.65	—
Sanitary services .....	495	19.06	19.19	20.55	20.57	—	794.80	802.14	861.05	853.66	—
<b>Wholesale trade</b> .....		15.62	15.58	16.07	16.16	\$16.04	590.44	592.04	609.05	615.70	\$611.12
Durable goods .....	50	16.44	16.42	16.94	17.01	—	628.01	630.53	647.11	653.18	—
Motor vehicles, parts, and supplies .....	501	14.72	14.71	14.82	14.88	—	528.45	523.68	515.74	525.26	—
Furniture and home furnishings .....	502	15.35	15.30	15.76	15.69	—	566.42	576.81	594.15	591.51	—
Lumber and other construction materials .....	503	14.84	14.99	15.36	15.50	—	555.02	575.62	588.29	592.10	—
Professional and commercial equipment .....	504	20.53	20.48	21.41	21.54	—	796.56	800.77	845.70	857.29	—
Medical and hospital equipment .....	5047	19.59	19.42	19.49	19.58	—	760.09	749.61	779.60	777.33	—
Metals and minerals, except petroleum .....	505	15.40	15.48	15.91	16.03	—	622.16	625.39	634.81	642.80	—
Electrical goods .....	506	16.35	16.27	16.67	16.65	—	616.40	611.75	620.12	622.71	—
Hardware, plumbing, and heating equipment .....	507	15.11	14.90	15.51	15.59	—	607.42	598.98	618.85	631.40	—
Machinery, equipment, and supplies .....	508	16.03	16.03	16.39	16.44	—	629.98	628.38	634.29	636.23	—
Misc. wholesale trade durable goods .....	509	12.73	12.87	13.45	13.42	—	472.28	481.34	505.72	508.62	—
Nondurable goods .....	51	14.42	14.36	14.88	14.98	—	536.42	537.06	558.00	564.75	—
Paper and paper products .....	511	13.54	13.51	14.37	14.34	—	476.61	463.39	495.77	493.30	—
Drugs, proprietaries, and sundries .....	512	20.00	19.73	20.31	20.92	—	710.00	708.31	773.81	769.86	—
Apparel, piece goods, and notions .....	513	13.65	13.46	13.91	14.01	—	525.53	522.25	532.75	542.19	—
Groceries and related products .....	514	14.51	14.57	14.91	14.99	—	561.54	569.69	584.47	592.11	—
Farm-product raw materials .....	515	11.38	11.40	11.52	11.57	—	342.54	344.28	354.82	352.89	—
Chemicals and allied products .....	516	16.17	15.97	16.90	17.04	—	656.50	653.17	696.28	712.27	—
Petroleum and petroleum products .....	517	13.65	13.54	14.08	14.14	—	515.97	511.81	525.18	530.25	—
Beer, wine, and distilled beverages .....	518	16.58	16.62	16.50	16.56	—	618.43	619.93	623.70	635.90	—
Misc. wholesale trade nondurable goods .....	519	11.67	11.58	11.90	11.94	—	416.62	422.67	423.64	431.03	—
<b>Retail trade</b> .....		9.72	9.74	10.05	10.03	10.07	276.05	276.62	281.40	286.86	288.00
Building materials and garden supplies .....	52	11.81	11.86	12.45	12.45	—	413.35	419.84	445.71	448.20	—
Lumber and other building materials .....	521	12.46	12.55	13.13	13.14	—	463.51	471.88	500.25	503.26	—
Paint, glass, and wallpaper stores .....	523	11.73	11.55	11.91	11.98	—	403.51	405.41	410.90	419.30	—
Hardware stores .....	525	9.41	9.53	9.82	9.85	—	278.54	282.09	292.64	294.52	—
Retail nurseries and garden stores .....	526	10.53	10.38	11.27	11.28	—	327.48	332.16	349.37	353.06	—

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Retail trade—Continued</b>											
General merchandise stores .....	53	27.9	28.1	27.6	28.4	-	-	-	-	-	-
Department stores .....	531	27.9	28.0	27.6	28.4	-	-	-	-	-	-
Variety stores .....	533	27.7	28.0	26.1	26.9	-	-	-	-	-	-
Misc. general merchandise stores .....	539	29.3	29.5	28.5	29.1	-	-	-	-	-	-
Food stores .....	54	29.5	29.6	29.8	30.0	-	-	-	-	-	-
Grocery stores .....	541	29.6	29.7	30.1	30.2	-	-	-	-	-	-
Retail bakeries .....	546	28.2	28.3	28.1	28.9	-	-	-	-	-	-
Automotive dealers and service stations .....	55	35.0	35.2	34.7	34.8	-	-	-	-	-	-
New and used car dealers .....	551	36.4	36.4	36.0	36.1	-	-	-	-	-	-
Auto and home supply stores .....	553	37.4	37.9	37.3	37.3	-	-	-	-	-	-
Gasoline service stations .....	554	31.2	31.8	31.0	30.9	-	-	-	-	-	-
Automotive dealers, nec .....	559	37.1	35.6	37.1	35.1	-	-	-	-	-	-
Apparel and accessory stores .....	56	25.0	25.5	24.2	25.1	-	-	-	-	-	-
Men's and boys' clothing stores .....	561	26.4	26.4	26.5	26.6	-	-	-	-	-	-
Women's clothing stores .....	562	22.4	23.3	21.6	22.6	-	-	-	-	-	-
Family clothing stores .....	565	25.5	25.9	24.3	25.3	-	-	-	-	-	-
Shoe stores .....	566	26.8	26.9	26.0	26.6	-	-	-	-	-	-
Furniture and home furnishings stores .....	57	31.8	31.8	31.5	31.7	-	-	-	-	-	-
Furniture and home furnishings stores .....	571	32.1	32.2	31.3	31.7	-	-	-	-	-	-
Household appliance stores .....	572	32.5	32.2	33.4	33.1	-	-	-	-	-	-
Radio, television, and computer stores .....	573	31.3	31.1	31.6	31.5	-	-	-	-	-	-
Radio, television, and electronic stores .....	5731	30.2	30.4	31.0	30.7	-	-	-	-	-	-
Record and prerecorded tape stores .....	5735	23.3	22.6	22.6	23.3	-	-	-	-	-	-
Eating and drinking places <sup>3</sup> .....	58	25.1	25.1	24.3	25.2	-	-	-	-	-	-
Miscellaneous retail establishments .....	59	29.3	28.9	29.1	29.5	-	-	-	-	-	-
Drug stores and proprietary stores .....	591	28.3	28.2	28.3	28.4	-	-	-	-	-	-
Used merchandise stores .....	593	29.3	29.1	28.7	28.4	-	-	-	-	-	-
Miscellaneous shopping goods stores .....	594	26.7	26.5	27.0	27.2	-	-	-	-	-	-
Nonstore retailers .....	596	33.7	33.7	33.4	33.9	-	-	-	-	-	-
Fuel dealers .....	598	37.5	37.1	39.7	38.2	-	-	-	-	-	-
Retail stores, nec .....	599	31.8	30.3	29.9	31.5	-	-	-	-	-	-
Optical goods stores .....	5995	33.6	33.3	32.5	32.6	-	-	-	-	-	-
Miscellaneous retail stores, nec .....	5999	31.1	31.1	30.6	30.3	-	-	-	-	-	-
<b>Finance, insurance, and real estate<sup>4</sup></b> .....		36.3	36.0	35.9	36.3	36.1	-	-	-	-	-
Depository institutions .....	60	35.6	35.2	35.3	35.6	-	-	-	-	-	-
Commercial banks .....	602	35.5	35.0	35.2	35.6	-	-	-	-	-	-
State commercial banks .....	6022	35.1	34.8	34.8	35.2	-	-	-	-	-	-
National and commercial banks, nec .....	6021,9	35.8	35.1	35.5	35.8	-	-	-	-	-	-
Credit unions .....	606	35.4	35.3	35.5	35.4	-	-	-	-	-	-
Nondepository institutions .....	61	37.5	37.1	37.2	37.7	-	-	-	-	-	-
Personal credit institutions .....	614	39.1	38.5	37.1	37.0	-	-	-	-	-	-
Security and commodity brokers: Security and commodity services .....	628	38.3	38.6	37.1	37.6	-	-	-	-	-	-
Insurance carriers .....	63	38.4	38.2	38.1	38.6	-	-	-	-	-	-
Life insurance .....	631	38.7	38.4	38.6	38.9	-	-	-	-	-	-
Medical service and health insurance .....	632	38.6	38.6	38.2	39.0	-	-	-	-	-	-
Hospital and medical service plans .....	6324	38.5	38.4	37.8	38.7	-	-	-	-	-	-
Fire, marine, and casualty insurance .....	633	38.1	38.0	37.6	38.2	-	-	-	-	-	-
<b>Services</b> .....		32.6	32.6	32.2	32.5	32.4	-	-	-	-	-
Agricultural services .....	07	32.0	32.9	32.4	32.8	-	-	-	-	-	-

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Retail trade—Continued</b>											
General merchandise stores .....	53	\$9.72	\$9.78	\$9.99	\$10.06	—	\$271.19	\$274.82	\$275.72	\$285.70	—
Department stores .....	531	9.87	9.95	10.14	10.22	—	275.37	278.60	279.86	290.25	—
Variety stores .....	533	7.60	7.60	7.80	8.02	—	210.52	212.80	203.58	215.74	—
Misc. general merchandise stores .....	539	9.22	9.20	9.54	9.51	—	270.15	271.40	271.89	276.74	—
Food stores .....	54	9.64	9.67	9.89	9.92	—	284.38	286.23	294.72	297.60	—
Grocery stores .....	541	9.65	9.68	9.90	9.92	—	285.64	287.50	297.99	299.58	—
Retail bakeries .....	546	9.67	9.64	9.99	9.96	—	272.69	272.81	280.72	287.84	—
Automotive dealers and service stations .....	55	13.29	13.31	13.71	13.70	—	465.15	468.51	475.74	476.76	—
New and used car dealers .....	551	16.42	16.45	16.80	16.72	—	597.69	598.78	604.80	603.59	—
Auto and home supply stores .....	553	11.15	11.17	11.54	11.60	—	417.01	423.34	430.44	432.68	—
Gasoline service stations .....	554	8.56	8.57	8.78	8.75	—	267.07	272.53	272.18	270.38	—
Automotive dealers, nec .....	559	14.04	14.13	14.43	14.54	—	520.88	503.03	535.35	510.35	—
Apparel and accessory stores .....	56	9.67	9.67	9.86	9.85	—	241.75	246.59	238.61	247.24	—
Men's and boys' clothing stores .....	561	10.90	10.89	11.17	10.99	—	287.76	287.50	296.01	292.33	—
Women's clothing stores .....	562	9.62	9.58	9.95	9.91	—	215.49	223.21	214.92	223.97	—
Family clothing stores .....	565	9.67	9.71	9.85	9.83	—	246.59	251.49	239.36	248.70	—
Shoe stores .....	566	9.06	9.03	8.99	9.12	—	242.81	242.91	233.74	242.59	—
Furniture and home furnishings stores .....	57	13.12	13.13	13.60	13.83	—	417.22	417.53	428.40	438.41	—
Furniture and home furnishings stores .....	571	12.29	12.25	12.65	12.70	—	394.51	394.45	395.95	402.59	—
Household appliance stores .....	572	12.40	12.41	12.70	12.78	—	403.00	399.60	424.18	423.02	—
Radio, television, and computer stores .....	573	14.28	14.38	14.94	15.45	—	446.96	447.22	472.10	486.68	—
Radio, television, and electronic stores .....	5731	12.94	12.98	14.50	15.11	—	390.79	394.59	449.50	463.88	—
Record and prerecorded tape stores .....	5735	7.95	8.08	8.35	8.47	—	185.24	182.61	188.71	197.35	—
Eating and drinking places <sup>3</sup> .....	58	7.12	7.11	7.25	7.25	—	178.71	178.46	176.18	182.70	—
Miscellaneous retail establishments .....	59	10.57	10.65	11.04	11.04	—	309.70	307.79	321.26	325.68	—
Drug stores and proprietary stores .....	591	11.53	11.58	12.06	12.18	—	326.30	326.56	341.30	345.91	—
Used merchandise stores .....	593	8.73	8.71	8.87	8.83	—	255.79	253.46	254.57	250.77	—
Miscellaneous shopping goods stores .....	594	9.82	9.91	10.16	10.15	—	262.19	262.62	274.32	276.08	—
Nonstore retailers .....	596	11.02	11.13	11.71	11.82	—	371.37	375.08	391.11	400.70	—
Fuel dealers .....	598	14.26	14.02	14.86	14.60	—	534.75	520.14	589.94	557.72	—
Retail stores, nec .....	599	10.38	10.53	10.96	10.81	—	330.08	319.06	327.70	340.52	—
Optical goods stores .....	5995	12.28	12.31	12.52	12.43	—	412.61	409.92	406.90	405.22	—
Miscellaneous retail stores, nec .....	5999	10.82	10.89	11.45	11.46	—	336.50	338.68	350.37	347.24	—
<b>Finance, insurance, and real estate<sup>4</sup></b> .....		<b>\$15.63</b>	<b>\$15.67</b>	<b>\$16.13</b>	<b>\$16.20</b>	<b>\$16.24</b>	<b>\$567.37</b>	<b>\$564.12</b>	<b>\$579.07</b>	<b>\$588.06</b>	<b>\$586.26</b>
Depository institutions .....	60	12.09	12.11	12.34	12.39	—	430.40	426.27	435.60	441.08	—
Commercial banks .....	602	11.55	11.55	11.73	11.79	—	410.03	404.25	412.90	419.72	—
State commercial banks .....	6022	11.20	11.18	11.45	11.52	—	393.12	389.06	398.46	405.50	—
National and commercial banks, nec .....	6021,9	11.79	11.80	11.93	11.96	—	422.08	414.18	423.52	428.17	—
Credit unions .....	606	11.81	11.82	12.25	12.30	—	418.07	417.25	434.88	435.42	—
Nondepository institutions .....	61	16.64	16.78	17.49	17.46	—	624.00	622.54	650.63	658.24	—
Personal credit institutions .....	614	13.37	13.37	14.03	14.02	—	522.77	514.75	520.51	518.74	—
Security and commodity brokers: Security and commodity services .....	628	23.40	23.14	24.51	24.34	—	896.22	893.20	909.32	915.18	—
Insurance carriers .....	63	18.24	18.26	19.10	19.23	—	700.42	697.53	727.71	742.28	—
Life insurance .....	631	16.41	16.50	17.42	17.56	—	635.07	633.60	672.41	683.08	—
Medical service and health insurance .....	632	17.54	17.45	18.22	18.18	—	677.04	673.57	696.00	709.02	—
Hospital and medical service plans .....	6324	18.03	17.93	18.63	18.59	—	694.16	688.51	704.21	719.43	—
Fire, marine, and casualty insurance .....	633	20.08	20.11	20.89	21.08	—	765.05	764.18	785.46	805.26	—
<b>Services</b> .....		<b>14.47</b>	<b>14.48</b>	<b>15.07</b>	<b>15.10</b>	<b>15.09</b>	<b>471.72</b>	<b>472.05</b>	<b>485.25</b>	<b>490.75</b>	<b>488.92</b>
Agricultural services .....	07	11.34	11.28	11.84	11.84	—	362.88	371.11	383.62	388.35	—

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Services—Continued</b>											
<b>Agricultural services—Continued</b>											
Veterinary services .....	074	28.4	28.4	28.2	28.5	-	-	-	-	-	-
Landscape and horticultural services .....	078	33.9	35.1	35.0	35.4	-	-	-	-	-	-
<b>Hotels and other lodging places:</b>											
Hotels and motels <sup>3</sup> .....	701	29.8	29.8	28.6	29.6	-	-	-	-	-	-
<b>Personal services:</b>											
Laundry, cleaning, and garment services .....	721	33.3	33.6	33.2	33.3	-	-	-	-	-	-
Beauty shops <sup>3</sup> .....	723	27.8	27.9	26.8	27.9	-	-	-	-	-	-
Miscellaneous personal services .....	729	35.8	32.1	27.4	27.5	-	-	-	-	-	-
<b>Business services</b>											
Advertising .....	731	34.7	34.5	34.3	34.4	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services .....	7334	34.4	34.8	35.4	34.9	-	-	-	-	-	-
Services to buildings .....	734	28.3	28.5	28.2	28.7	-	-	-	-	-	-
Disinfecting and pest control services .....	7342	36.6	36.8	36.2	36.3	-	-	-	-	-	-
Building maintenance services, nec .....	7349	27.6	27.7	27.5	28.0	-	-	-	-	-	-
Miscellaneous equipment rental and leasing .....	735	37.2	37.5	37.2	36.8	-	-	-	-	-	-
Medical equipment rental .....	7352	36.9	37.2	36.9	36.0	-	-	-	-	-	-
Heavy construction equipment rental .....	7353	39.7	40.2	40.2	40.0	-	-	-	-	-	-
Equipment rental and leasing, nec .....	7359	36.3	36.7	36.2	35.9	-	-	-	-	-	-
<b>Personnel supply services:</b>											
Help supply services .....	7363	32.1	32.4	31.4	32.1	-	-	-	-	-	-
Computer and data processing services .....	737	38.7	38.2	38.3	38.8	-	-	-	-	-	-
Computer programming services .....	7371	38.2	37.7	37.8	38.4	-	-	-	-	-	-
Computer integrated systems design .....	7373	39.6	39.1	39.0	39.8	-	-	-	-	-	-
Information retrieval services .....	7375	37.7	36.2	38.0	38.3	-	-	-	-	-	-
Computer maintenance and repair .....	7378	38.7	38.1	37.6	37.6	-	-	-	-	-	-
Miscellaneous business services .....	738	33.1	33.3	32.4	32.6	-	-	-	-	-	-
Detective and armored car services .....	7381	34.6	34.9	34.4	34.5	-	-	-	-	-	-
Security systems services .....	7382	36.4	36.1	36.0	36.2	-	-	-	-	-	-
<b>Auto repair, services, and parking</b>											
Automotive rentals, without drivers .....	751	35.6	35.4	34.0	34.2	-	-	-	-	-	-
Passenger car rental .....	7514	35.3	35.0	33.1	33.5	-	-	-	-	-	-
Automobile parking .....	752	33.6	33.9	32.7	32.9	-	-	-	-	-	-
Automotive repair shops .....	753	37.0	37.1	36.6	36.9	-	-	-	-	-	-
Automotive and tire repair shops .....	7532,4	37.7	37.8	37.8	38.0	-	-	-	-	-	-
General automotive repair shops .....	7538	36.2	36.0	35.5	35.7	-	-	-	-	-	-
Automotive services, except repair .....	754	29.0	29.9	30.4	31.1	-	-	-	-	-	-
Carwashes .....	7542	24.8	26.3	27.5	27.8	-	-	-	-	-	-
Miscellaneous repair services .....	76	37.3	37.7	36.8	37.1	-	-	-	-	-	-
<b>Motion pictures</b>											
Motion picture production and services .....	781	40.7	40.5	38.6	39.8	-	-	-	-	-	-
Video tape rental .....	784	25.0	25.7	22.9	23.0	-	-	-	-	-	-
<b>Amusement and recreation services</b>											
Bowling centers .....	793	25.0	24.8	25.1	25.5	-	-	-	-	-	-
Misc. amusement and recreation services .....	799	25.0	24.8	24.7	24.9	-	-	-	-	-	-
Physical fitness facilities .....	7991	18.0	18.6	17.1	16.4	-	-	-	-	-	-
Membership sports and recreation clubs .....	7997	27.8	27.6	26.4	27.2	-	-	-	-	-	-
<b>Health services</b>											
Offices and clinics of medical doctors .....	801	33.2	33.2	33.0	33.2	-	-	-	-	-	-
Offices and clinics of dentists .....	802	28.0	27.9	27.6	27.5	-	-	-	-	-	-
Offices and clinics of other health practitioners .....	804	30.3	30.2	29.8	30.1	-	-	-	-	-	-
Nursing and personal care facilities .....	805	32.2	32.1	32.5	32.1	-	-	-	-	-	-
Intermediate care facilities .....	8052	31.1	31.2	31.6	31.3	-	-	-	-	-	-
Hospitals .....	806	35.2	35.2	34.8	35.0	-	-	-	-	-	-

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002P	Mar. 2002P
<b>Services—Continued</b>											
<b>Agricultural services—Continued</b>											
Veterinary services .....	074	\$11.24	\$11.25	\$11.81	\$11.89	—	\$319.22	\$319.50	\$333.04	\$338.87	—
Landscape and horticultural services .....	078	11.48	11.37	11.96	11.94	—	389.17	399.09	418.60	422.68	—
<b>Hotels and other lodging places:</b>											
Hotels and motels <sup>3</sup> .....	701	9.88	9.92	10.24	10.21	—	294.42	295.62	292.86	302.22	—
<b>Personal services:</b>											
Laundry, cleaning, and garment services .....	721	9.35	9.36	9.65	9.76	—	311.36	314.50	320.38	325.01	—
Beauty shops <sup>3</sup> .....	723	10.41	10.52	10.72	10.76	—	289.40	293.51	287.30	300.20	—
Miscellaneous personal services .....	729	10.83	10.85	12.81	12.93	—	387.71	348.29	350.99	355.58	—
<b>Business services</b>											
Advertising .....	731	20.09	20.07	19.94	19.75	—	697.12	692.42	683.94	679.40	—
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services .....	7334	12.48	12.52	13.45	13.66	—	429.31	435.70	476.13	476.73	—
Services to buildings .....	734	9.06	9.09	9.23	9.21	—	256.40	259.07	260.29	264.33	—
Disinfecting and pest control services .....	7342	12.04	12.07	12.39	12.83	—	440.66	444.18	448.52	465.73	—
Building maintenance services, nec .....	7349	8.70	8.72	8.87	8.81	—	240.12	241.54	243.93	246.68	—
Miscellaneous equipment rental and leasing .....	735	14.50	14.56	15.00	15.06	—	539.40	546.00	558.00	554.21	—
Medical equipment rental .....	7352	13.52	13.50	14.32	14.30	—	498.89	502.20	528.41	514.80	—
Heavy construction equipment rental .....	7353	18.21	18.66	19.69	19.90	—	722.94	750.13	791.54	796.00	—
Equipment rental and leasing, nec .....	7359	13.35	13.29	13.31	13.35	—	484.61	487.74	481.82	479.27	—
<b>Personnel supply services:</b>											
Help supply services .....	7363	11.62	11.67	12.21	12.08	—	373.00	378.11	383.39	387.77	—
Computer and data processing services .....	737	23.67	23.67	24.74	24.73	—	916.03	904.19	947.54	959.52	—
Computer programming services .....	7371	26.93	27.14	28.14	28.47	—	1,028.73	1,023.18	1,063.69	1,093.25	—
Computer integrated systems design .....	7373	23.29	23.65	24.29	24.35	—	922.28	924.72	947.31	969.13	—
Information retrieval services .....	7375	16.26	16.24	17.51	16.87	—	613.00	587.89	665.38	646.12	—
Computer maintenance and repair .....	7378	17.08	16.36	16.59	16.91	—	661.00	623.32	623.78	635.82	—
Miscellaneous business services .....	738	11.18	11.24	11.56	11.53	—	370.06	374.29	374.54	375.88	—
Detective and armored car services .....	7381	9.48	9.44	9.72	9.74	—	328.01	329.46	334.37	336.03	—
Security systems services .....	7382	14.57	14.97	15.75	15.69	—	530.35	540.42	567.00	567.98	—
<b>Auto repair, services, and parking</b>											
Automotive rentals, without drivers .....	751	11.76	11.77	11.91	11.89	—	418.66	416.66	404.94	406.64	—
Passenger car rental .....	7514	10.88	10.89	10.90	10.84	—	384.06	381.15	360.79	363.14	—
Automobile parking .....	752	8.97	8.90	9.65	9.56	—	301.39	301.71	315.56	314.52	—
Automotive repair shops .....	753	13.66	13.71	14.12	14.11	—	505.42	508.64	516.79	520.66	—
Automotive and tire repair shops .....	7532,4	14.57	14.63	15.07	15.12	—	549.29	553.01	569.65	574.56	—
General automotive repair shops .....	7538	13.23	13.30	13.65	13.64	—	478.93	478.80	484.58	486.95	—
Automotive services, except repair .....	754	9.35	9.34	9.53	9.54	—	271.15	279.27	289.71	296.69	—
Carwashes .....	7542	7.96	7.87	8.08	7.99	—	197.41	206.98	222.20	222.12	—
Miscellaneous repair services .....	76	14.70	14.79	15.07	15.06	—	548.31	557.58	554.58	558.73	—
<b>Motion pictures</b>											
Motion picture production and services .....	781	19.77	19.65	20.77	20.44	—	804.64	795.83	801.72	813.51	—
Video tape rental .....	784	7.96	8.06	8.09	7.99	—	199.00	207.14	185.26	183.77	—
<b>Amusement and recreation services</b>											
Bowling centers .....	793	8.29	8.31	8.60	8.56	—	207.25	206.09	215.86	218.28	—
Misc. amusement and recreation services .....	799	10.01	10.00	10.27	10.29	—	250.25	248.00	253.67	256.22	—
Physical fitness facilities .....	7991	10.14	10.12	10.39	10.45	—	182.52	188.23	177.67	171.38	—
Membership sports and recreation clubs .....	7997	10.73	10.68	11.20	11.18	—	298.29	294.77	295.68	304.10	—
<b>Health services</b>											
Offices and clinics of medical doctors .....	801	15.98	15.99	16.36	16.49	—	530.54	530.87	541.52	552.42	—
Offices and clinics of dentists .....	802	16.11	16.17	16.84	16.92	—	451.08	451.14	464.78	465.30	—
Offices and clinics of other health practitioners .....	804	13.30	13.40	13.93	13.99	—	402.99	404.68	415.11	421.10	—
Nursing and personal care facilities .....	805	11.11	11.14	11.57	11.56	—	357.74	357.59	376.03	371.08	—
Intermediate care facilities .....	8052	10.58	10.57	10.99	10.93	—	329.04	329.78	347.28	342.11	—
Hospitals .....	806	17.13	17.18	17.92	18.00	—	602.98	604.74	623.62	630.00	—

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Services—Continued</b>											
Health services—Continued											
Home health care services .....	808	29.8	29.6	29.8	30.0	-	-	-	-	-	-
Legal services .....	81	35.2	35.1	34.7	34.9	-	-	-	-	-	-
Social services .....	83	30.9	30.8	30.9	31.0	-	-	-	-	-	-
Individual and family services .....	832	31.0	30.5	30.9	30.8	-	-	-	-	-	-
Job training and related services .....	833	30.1	30.2	30.1	30.1	-	-	-	-	-	-
Child day care services .....	835	29.5	29.5	29.2	30.0	-	-	-	-	-	-
Residential care .....	836	32.3	32.2	32.6	32.4	-	-	-	-	-	-
Social services, nec .....	839	32.3	32.1	32.1	32.5	-	-	-	-	-	-
Membership organizations:											
Professional organizations .....	862	35.3	35.3	35.0	35.0	-	-	-	-	-	-
Engineering and management services .....	87	37.3	37.3	36.5	37.1	-	-	-	-	-	-
Engineering and architectural services .....	871	38.7	38.7	38.0	38.5	-	-	-	-	-	-
Engineering services .....	8711	38.9	38.9	38.3	38.8	-	-	-	-	-	-
Architectural services .....	8712	38.6	38.2	37.4	38.0	-	-	-	-	-	-
Surveying services .....	8713	36.9	37.3	35.8	35.8	-	-	-	-	-	-
Accounting, auditing, and bookkeeping .....	872	38.1	38.2	35.7	37.2	-	-	-	-	-	-
Research and testing services .....	873	36.3	36.3	35.6	35.6	-	-	-	-	-	-
Commercial physical research .....	8731	38.7	38.5	38.6	38.7	-	-	-	-	-	-
Commercial nonphysical research .....	8732	30.5	30.6	27.3	27.3	-	-	-	-	-	-
Noncommercial research organizations .....	8733	36.7	36.4	36.4	36.4	-	-	-	-	-	-
Management and public relations .....	874	36.1	36.0	36.1	36.5	-	-	-	-	-	-
Management services .....	8741	35.7	35.7	35.9	36.3	-	-	-	-	-	-
Management consulting services .....	8742	36.5	36.2	35.9	36.6	-	-	-	-	-	-
Public relations services .....	8743	35.2	35.2	34.0	33.8	-	-	-	-	-	-
Services, nec .....	89	34.4	34.5	34.1	34.7	-	-	-	-	-	-

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				
		Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Services—Continued</b>											
Health services—Continued											
Home health care services .....	808	\$12.58	\$12.55	\$12.88	\$12.98	—	\$374.88	\$371.48	\$383.82	\$389.40	—
Legal services .....	81	20.75	20.70	21.17	21.19	—	730.40	726.57	734.60	739.53	—
Social services .....	83	10.18	10.19	10.60	10.56	—	314.56	313.85	327.54	327.36	—
Individual and family services .....	832	10.69	10.70	11.18	11.13	—	331.39	326.35	345.46	342.80	—
Job training and related services .....	833	9.78	9.75	10.31	10.27	—	294.38	294.45	310.33	309.13	—
Child day care services .....	835	8.92	8.93	9.22	9.22	—	263.14	263.44	269.22	276.60	—
Residential care .....	836	10.41	10.41	10.70	10.67	—	336.24	335.20	348.82	345.71	—
Social services, nec .....	839	12.49	12.55	13.13	13.18	—	403.43	402.86	421.47	428.35	—
Membership organizations:											
Professional organizations .....	862	19.57	19.69	20.39	20.40	—	690.82	695.06	713.65	714.00	—
Engineering and management services .....	87	19.52	19.53	20.40	20.38	—	728.10	728.47	744.60	756.10	—
Engineering and architectural services .....	871	21.60	21.55	22.10	22.27	—	835.92	833.99	839.80	857.40	—
Engineering services .....	8711	22.48	22.45	22.91	23.10	—	874.47	873.31	877.45	896.28	—
Architectural services .....	8712	19.76	19.70	20.63	20.65	—	762.74	752.54	771.56	784.70	—
Surveying services .....	8713	15.43	15.43	15.87	16.01	—	569.37	575.54	568.15	573.16	—
Accounting, auditing, and bookkeeping .....	872	16.37	16.56	17.74	17.51	—	623.70	632.59	633.32	651.37	—
Research and testing services .....	873	19.76	19.69	21.05	21.03	—	717.29	714.75	749.38	748.67	—
Commercial physical research .....	8731	22.12	22.09	23.74	23.95	—	856.04	850.47	916.36	926.87	—
Commercial nonphysical research .....	8732	14.87	14.64	15.84	15.45	—	453.54	447.98	432.43	421.79	—
Noncommercial research organizations .....	8733	23.25	23.33	23.86	23.76	—	853.28	849.21	868.50	864.86	—
Management and public relations .....	874	19.17	19.19	19.78	19.84	—	692.04	690.84	714.06	724.16	—
Management services .....	8741	17.07	17.13	17.86	17.87	—	609.40	611.54	641.17	648.68	—
Management consulting services .....	8742	21.42	21.42	22.14	22.13	—	781.83	775.40	794.83	809.96	—
Public relations services .....	8743	18.89	18.64	19.16	19.56	—	664.93	656.13	651.44	661.13	—
Services, nec .....	89	19.54	19.48	19.39	19.79	—	672.18	672.06	661.20	686.71	—

<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> Money payments only tips; not included.

<sup>4</sup> Excludes nonoffice commissioned real estate sales agents.

— Data not available.

P = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2000 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 2000 forward are subject to revision.

**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Manufacturing .....</b>	<b>\$13.96</b>	<b>\$13.98</b>	<b>\$14.49</b>	<b>\$14.49</b>	<b>\$14.46</b>
<b>Durable goods .....</b>	<b>14.37</b>	<b>14.41</b>	<b>14.97</b>	<b>14.96</b>	<b>14.92</b>
Lumber and wood products .....	11.53	11.50	11.78	11.65	(2)
Furniture and fixtures .....	11.64	11.66	12.12	12.12	(2)
Stone, clay, and glass products .....	13.85	13.88	14.39	14.33	(2)
Primary metal industries .....	15.54	15.58	16.17	16.18	(2)
Fabricated metal products .....	13.44	13.47	13.96	13.92	(2)
Industrial machinery and equipment .....	15.01	15.02	15.70	15.68	(2)
Electronic and other electrical equipment .....	13.64	13.75	14.45	14.46	(2)
Transportation equipment .....	17.82	17.85	18.56	18.70	(2)
Instruments and related products .....	14.05	14.18	14.67	14.75	(2)
Miscellaneous manufacturing .....	11.73	11.76	12.34	12.23	(2)
<b>Nondurable goods .....</b>	<b>13.34</b>	<b>13.32</b>	<b>13.80</b>	<b>13.80</b>	<b>\$13.79</b>
Food and kindred products .....	11.98	11.98	12.39	12.38	(2)
Tobacco products .....	20.90	21.73	20.78	21.03	(2)
Textile mill products .....	10.82	10.84	11.14	11.11	(2)
Apparel and other textile products .....	9.14	9.21	9.54	9.54	(2)
Paper and allied products .....	15.66	15.68	16.19	16.16	(2)
Printing and publishing .....	14.08	14.09	14.57	14.61	(2)
Chemicals and allied products .....	17.45	17.36	17.85	17.98	(2)
Petroleum and coal products .....	20.67	20.33	20.80	21.11	(2)
Rubber and misc. plastics products .....	12.76	12.64	13.11	13.05	(2)
Leather and leather products .....	10.17	10.28	10.08	10.16	(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.

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 2000 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 2000 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				
	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>	Feb. 2001	Mar. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Mar. 2002 <sup>P</sup>
<b>Total private:</b>										
Current dollars .....	\$14.16	\$14.19	\$14.67	\$14.68	\$14.69	\$481.44	\$482.46	\$492.91	\$497.65	\$497.99
Constant (1982) dollars .....	7.96	7.97	8.21	8.19	(2)	270.62	270.89	275.83	277.55	(2)
<b>Mining:</b>										
Current dollars .....	17.61	17.57	17.96	17.83	\$17.82	751.95	757.27	759.71	761.34	\$762.70
Constant (1982) dollars .....	9.90	9.87	10.05	9.94	(2)	422.68	425.19	425.13	424.62	(2)
<b>Construction:</b>										
Current dollars .....	18.16	18.20	18.47	18.50	\$18.59	682.82	702.52	712.94	712.25	\$713.86
Constant (1982) dollars .....	10.21	10.22	10.34	10.32	(2)	383.82	394.45	398.96	397.24	(2)
<b>Manufacturing:</b>										
Current dollars .....	14.61	14.65	15.16	15.16	\$15.18	591.71	597.72	612.46	610.95	\$620.86
Constant (1982) dollars .....	8.21	8.23	8.48	8.46	(2)	332.61	335.61	342.73	340.74	(2)
<b>Transportation and public utilities:</b>										
Current dollars .....	16.68	16.65	17.39	17.44	\$17.41	637.18	632.70	650.39	652.26	\$654.62
Constant (1982) dollars .....	9.38	9.35	9.73	9.73	(2)	358.17	355.25	363.96	363.78	(2)
<b>Wholesale trade:</b>										
Current dollars .....	15.62	15.58	16.07	16.16	\$16.04	590.44	592.04	609.05	615.70	\$611.12
Constant (1982) dollars .....	8.78	8.75	8.99	9.01	(2)	331.89	332.42	340.82	343.39	(2)
<b>Retail trade:</b>										
Current dollars .....	9.72	9.74	10.05	10.03	\$10.07	276.05	276.62	281.40	286.86	\$288.00
Constant (1982) dollars .....	5.46	5.47	5.62	5.59	(2)	155.17	155.32	157.47	159.99	(2)
<b>Finance, insurance, and real estate:</b>										
Current dollars .....	15.63	15.67	16.13	16.20	\$16.24	567.37	564.12	579.07	588.06	\$586.26
Constant (1982) dollars .....	8.79	8.80	9.03	9.04	(2)	318.93	316.74	324.05	327.98	(2)
<b>Services:</b>										
Current dollars .....	14.47	14.48	15.07	15.10	\$15.09	471.72	472.05	485.25	490.75	\$488.92
Constant (1982) dollars .....	8.13	8.13	8.43	8.42	(2)	265.16	265.05	271.54	273.70	(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 2000 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 2000 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		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>Alabama</b> .....	40.8	40.9	40.8	\$13.19	\$13.16	\$13.29	\$538.15	\$538.24	\$542.23
Birmingham .....	41.7	42.5	42.2	13.74	13.61	13.67	572.96	578.43	576.87
Mobile .....	43.1	43.1	42.7	14.36	14.53	14.71	618.92	626.24	628.12
<b>Alaska</b> .....	50.9	27.3	35.9	10.60	18.42	14.72	539.54	502.87	528.45
<b>Arizona</b> .....	40.6	39.9	39.6	12.81	13.67	13.77	520.09	545.43	545.29
<b>Arkansas</b> .....	39.4	39.8	39.7	12.13	12.52	12.49	477.92	498.30	495.85
Fayetteville-Springdale-Rogers .....	38.6	39.3	39.9	12.35	12.75	12.73	476.71	501.08	507.93
Fort Smith .....	38.5	39.4	37.4	12.04	12.60	12.84	463.54	496.44	480.22
Little Rock-North Little Rock .....	40.2	39.1	37.9	13.00	12.93	13.12	522.60	505.56	497.25
Pine Bluff .....	39.4	40.7	39.3	13.46	13.19	13.62	530.32	536.83	535.27
<b>California</b> .....	40.9	40.3	40.5	14.54	14.97	14.94	594.69	603.29	605.07
Bakersfield .....	40.9	42.4	42.0	14.22	14.41	14.45	581.60	610.98	606.90
Fresno .....	40.4	40.8	40.0	12.31	12.53	12.58	497.32	511.22	503.20
Los Angeles-Long Beach .....	42.0	40.9	41.5	13.43	13.42	13.39	564.06	548.88	555.69
Modesto .....	39.0	39.1	39.0	14.46	14.67	14.59	563.94	573.60	569.01
Oakland .....	42.6	42.3	42.4	16.31	17.03	17.01	694.81	720.37	721.22
Orange County .....	42.8	42.2	42.1	13.73	13.61	13.68	587.64	574.34	575.93
Riverside-San Bernardino .....	41.5	41.2	41.1	12.66	12.73	12.70	525.39	524.48	521.97
Sacramento .....	40.1	39.5	39.8	15.10	15.26	15.26	605.51	602.77	607.35
Salinas .....	40.8	40.5	41.1	14.58	14.99	15.06	594.86	607.10	618.97
San Diego .....	40.0	39.2	39.8	13.86	14.24	14.25	554.40	558.21	567.15
San Francisco .....	40.4	38.6	39.0	14.99	15.35	15.39	605.60	592.51	600.21
San Jose .....	40.8	40.0	40.0	17.93	18.47	18.54	731.54	738.80	741.60
Santa Barbara-Santa Maria-Lompoc .....	38.4	39.7	39.9	14.94	15.12	15.16	573.70	600.26	604.88
Santa Rosa .....	39.1	38.3	38.6	15.56	16.27	16.23	608.40	623.14	626.48
Stockton-Lodi .....	41.5	41.7	41.5	13.48	13.49	13.41	559.42	562.53	556.52
Vallejo-Fairfield-Napa .....	40.6	40.5	40.3	16.43	16.48	16.55	667.06	667.44	666.97
Ventura .....	42.1	41.6	41.8	13.04	13.38	13.38	548.98	556.61	559.28
<b>Colorado</b> .....	38.5	39.8	39.6	15.60	15.51	15.53	600.60	617.30	614.99
Denver .....	40.0	42.3	43.0	14.04	14.27	14.15	561.60	603.62	608.45
<b>Connecticut</b> .....	42.7	42.7	42.7	15.94	16.22	16.21	680.64	692.59	692.17
Bridgeport .....	40.2	42.4	41.8	15.35	15.50	15.47	617.07	657.20	646.65
Danbury .....	40.2	38.9	39.6	15.72	15.11	15.10	631.94	587.78	597.96
Hartford .....	42.6	43.0	42.2	16.83	17.38	17.49	716.96	747.34	738.08
New Haven-Meriden .....	42.3	43.0	42.8	15.29	16.29	16.01	646.77	700.47	685.23
New London-Norwich .....	41.0	41.2	40.2	16.98	17.78	17.77	696.18	732.54	714.35
Stamford-Norwalk .....	40.0	41.4	39.9	13.86	14.39	14.15	554.40	595.75	564.59
Waterbury .....	42.4	39.5	39.2	14.80	15.56	15.64	627.52	614.62	613.09
<b>Delaware</b> .....	42.3	40.7	41.5	16.18	16.57	16.68	684.41	674.40	692.22
Dover .....	40.7	38.1	38.0	14.46	14.93	14.75	588.52	568.83	560.50
Wilmington-Newark .....	44.8	42.8	44.8	19.67	19.93	19.83	881.22	853.00	888.38
<b>District of Columbia:</b> Washington PMSA .....	38.5	39.8	40.2	15.57	15.76	15.93	599.45	627.25	640.39
<b>Florida</b> .....	41.7	41.6	41.3	12.61	13.14	13.22	525.84	546.62	545.99
<b>Georgia</b> .....	40.0	42.7	39.2	13.09	12.99	13.03	523.60	554.67	510.78
Atlanta .....	38.3	38.6	37.4	14.19	14.19	14.14	543.48	547.73	528.84
Savannah .....	41.0	44.5	42.7	15.66	16.90	16.87	642.06	752.05	720.35
<b>Hawaii</b> .....	38.1	35.5	35.6	13.65	14.39	14.30	520.07	510.85	509.08
Honolulu .....	40.2	35.2	34.8	13.20	13.73	13.85	530.64	483.30	481.98
<b>Idaho</b> .....	37.4	36.5	35.6	15.79	15.86	15.64	590.55	578.89	556.78
<b>Illinois</b> .....	40.2	39.8	39.9	14.44	14.70	14.65	580.49	585.06	584.54
Bloomington-Normal .....	36.4	38.1	39.7	20.51	20.53	20.47	746.56	782.19	812.66
Champaign-Urbana .....	38.8	39.4	39.9	12.94	13.48	13.50	502.07	531.11	538.65
Chicago .....	40.3	39.9	40.0	14.21	14.44	14.43	572.66	576.16	577.20
Davenport-Moline-Rock Island .....	40.4	39.7	39.5	15.79	16.21	16.29	637.92	643.54	643.46
Decatur .....	40.9	39.1	40.1	16.90	16.94	16.96	691.21	662.35	680.10
Kankakee .....	39.8	41.0	41.3	15.77	16.11	16.04	627.65	660.51	662.45
Peoria-Pekin .....	39.4	39.9	40.5	16.85	17.21	17.37	663.89	686.68	703.49
Rockford .....	41.2	39.3	40.6	16.69	16.84	17.11	687.63	661.81	694.67
Springfield .....	41.2	40.3	41.0	13.27	13.37	13.47	546.72	538.81	552.27

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		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>Indiana</b> .....	40.8	40.8	40.6	\$16.00	\$16.58	\$16.57	\$652.80	\$676.46	\$672.74
Bloomington .....	38.8	37.9	37.4	14.19	14.48	14.71	550.57	548.79	550.15
Elkhart-Goshen .....	37.8	38.2	38.2	14.92	16.03	16.05	563.98	612.35	613.11
Evansville-Henderson .....	42.7	42.5	42.4	15.94	15.95	16.01	680.64	677.88	678.82
Fort Wayne .....	40.6	40.4	40.4	16.62	16.29	16.19	674.77	658.12	654.08
Gary .....	41.6	39.2	39.9	20.85	21.88	21.66	867.36	857.70	864.23
Indianapolis .....	43.9	44.2	44.3	15.34	15.63	15.59	673.43	690.85	690.64
Kokomo .....	43.5	46.5	45.2	23.36	25.17	25.19	1,016.16	1,170.41	1,138.59
Lafayette .....	42.5	42.7	42.1	17.00	16.12	15.94	722.50	688.32	671.07
Muncie .....	44.6	45.4	45.4	14.02	14.72	14.56	625.29	668.29	661.02
South Bend .....	40.4	40.6	39.9	12.77	12.73	12.81	515.91	516.84	511.12
Terre Haute .....	42.4	42.1	41.3	14.45	14.79	15.09	612.68	622.66	623.22
<b>Iowa</b> .....	41.3	41.8	42.0	14.68	15.19	15.13	606.28	634.94	635.46
Cedar Rapids .....	41.7	44.0	44.0	18.93	19.47	19.54	789.38	856.68	859.76
Des Moines .....	40.7	41.7	44.2	15.63	17.11	16.64	636.14	713.49	735.49
Dubuque .....	40.5	34.8	36.7	15.04	15.70	15.44	609.12	546.36	566.65
Sioux City .....	38.2	41.1	41.5	11.91	12.72	12.74	454.96	522.79	528.71
<b>Kansas</b> .....	39.9	39.6	40.1	15.19	15.66	15.89	606.08	620.14	637.19
Topeka .....	38.5	39.7	39.7	18.10	18.48	18.95	696.85	733.66	752.32
Wichita .....	41.9	39.1	39.7	17.83	18.27	18.35	747.08	714.36	728.50
<b>Kentucky</b> .....	41.2	41.2	41.3	15.20	15.37	15.46	626.24	633.24	638.50
Lexington .....	41.4	40.3	40.1	14.86	14.76	14.86	615.20	594.83	595.89
Louisville .....	42.3	42.4	42.2	17.56	18.07	18.10	742.79	766.17	763.82
<b>Louisiana</b> .....	42.1	41.6	40.5	15.81	16.24	16.44	665.60	675.58	665.82
Baton Rouge .....	43.1	43.1	43.3	18.47	18.66	19.14	796.06	804.25	828.76
New Orleans .....	42.7	43.2	43.0	15.79	15.66	15.76	674.23	676.51	677.68
Shreveport-Bossier City .....	41.9	36.1	32.2	15.44	14.59	14.75	646.94	526.70	474.95
<b>Maine</b> .....	40.5	41.0	40.6	14.79	15.67	15.80	599.00	642.47	641.48
Lewiston-Auburn .....	39.5	40.8	38.9	13.47	14.15	13.93	532.07	577.32	541.88
Portland .....	41.5	41.7	42.1	12.21	13.06	13.10	506.72	544.60	551.51
<b>Maryland</b> .....	39.8	40.6	40.5	15.19	15.52	15.52	604.56	630.11	628.56
Baltimore PMSA .....	40.3	40.7	39.3	15.87	16.20	16.23	639.56	659.34	637.84
<b>Massachusetts</b> .....	41.1	40.5	40.7	15.04	15.66	15.60	618.14	634.23	634.92
Boston .....	40.1	39.6	39.9	16.64	16.85	16.85	667.26	667.26	672.32
Springfield .....	39.7	40.0	40.1	14.15	14.40	14.42	561.76	576.00	578.24
Worcester .....	41.2	40.9	41.1	14.98	15.12	15.09	617.18	618.41	620.20
<b>Michigan</b> .....	41.6	42.0	( <sup>1</sup> )	19.45	20.00	( <sup>1</sup> )	809.12	840.00	( <sup>1</sup> )
Ann Arbor .....	43.0	43.9	( <sup>1</sup> )	20.75	21.93	( <sup>1</sup> )	892.25	962.73	( <sup>1</sup> )
Detroit .....	44.0	43.4	( <sup>1</sup> )	21.43	22.12	( <sup>1</sup> )	942.92	960.01	( <sup>1</sup> )
Flint .....	41.0	42.3	( <sup>1</sup> )	25.00	25.79	( <sup>1</sup> )	1,025.00	1,090.92	( <sup>1</sup> )
Grand Rapids-Muskegon-Holland .....	40.5	39.8	( <sup>1</sup> )	15.55	16.01	( <sup>1</sup> )	629.78	637.20	( <sup>1</sup> )
Jackson .....	39.9	40.5	( <sup>1</sup> )	14.56	14.16	( <sup>1</sup> )	580.94	573.48	( <sup>1</sup> )
Kalamazoo-Battle Creek .....	40.4	42.0	( <sup>1</sup> )	15.06	15.17	( <sup>1</sup> )	608.42	637.14	( <sup>1</sup> )
Lansing East Lansing .....	40.0	40.7	( <sup>1</sup> )	21.09	22.26	( <sup>1</sup> )	843.60	905.98	( <sup>1</sup> )
Saginaw-Bay City-Midland .....	42.5	41.8	( <sup>1</sup> )	21.68	20.91	( <sup>1</sup> )	921.40	874.04	( <sup>1</sup> )
<b>Minnesota</b> .....	40.5	39.5	39.6	15.13	15.55	\$15.50	612.77	614.23	\$613.80
Duluth-Superior .....	40.0	38.4	38.8	13.05	15.18	15.24	522.00	582.91	591.31
Minneapolis-St. Paul .....	40.9	40.5	40.6	16.13	16.26	16.23	659.72	658.53	658.94
St. Cloud .....	43.1	41.9	42.1	14.86	14.65	14.60	640.47	613.84	614.66
<b>Mississippi</b> .....	39.3	40.7	40.9	11.95	12.52	12.49	469.64	509.56	510.84
Jackson .....	36.4	41.7	44.0	13.56	13.67	13.93	493.58	570.04	612.92
<b>Missouri</b> .....	40.2	40.1	40.2	14.40	15.26	15.13	578.88	611.93	608.23
Kansas City .....	42.0	43.9	43.9	16.27	16.41	17.35	683.34	720.40	761.67
St. Louis .....	40.9	41.2	41.7	16.30	17.18	17.18	666.67	707.82	716.41
Springfield .....	37.9	40.4	39.8	12.46	12.66	12.66	472.23	511.46	503.87
<b>Montana</b> .....	38.7	37.9	38.0	14.59	14.64	14.65	564.63	554.86	556.70
<b>Nebraska</b> .....	39.5	38.9	38.1	13.30	13.54	13.57	525.35	526.71	517.02
Lincoln .....	41.1	41.6	41.6	14.85	15.21	15.07	610.34	632.74	626.91
Omaha .....	40.2	43.2	42.5	14.80	15.07	14.62	594.96	651.02	621.35
<b>Nevada</b> .....	42.3	40.7	39.6	14.00	14.50	14.24	592.20	590.15	563.90
Las Vegas .....	40.3	42.8	42.2	12.64	13.88	13.91	509.39	594.06	587.00

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		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>New Hampshire</b> .....	40.8	42.4	42.5	\$13.49	\$13.57	\$13.61	\$550.39	\$575.37	\$578.43
Manchester .....	40.0	39.4	38.9	15.31	16.07	16.08	612.40	633.16	625.51
Nashua .....	39.7	39.4	38.1	13.47	13.56	13.54	534.76	534.26	515.87
Portsmouth-Rochester .....	38.0	39.9	40.9	13.19	14.06	14.22	501.22	560.99	581.60
<b>New Jersey</b> .....	41.5	41.0	40.9	15.98	15.93	15.96	663.17	653.13	652.76
<b>New Mexico</b> .....	39.2	38.1	38.2	14.36	14.09	14.06	562.91	536.83	537.09
Albuquerque .....	36.8	37.4	38.2	16.92	15.71	15.95	622.66	587.55	609.29
<b>New York</b> .....	40.2	40.6	40.7	14.50	14.99	15.05	582.90	608.59	612.54
Albany-Schenectady-Troy .....	41.1	41.1	41.5	15.36	15.73	15.94	631.30	646.50	661.51
Binghamton .....	40.0	39.6	39.0	11.43	11.37	11.46	457.20	450.25	446.94
Buffalo-Niagara Falls .....	42.4	42.3	42.1	18.23	18.65	18.68	772.95	788.90	786.43
Dutchess County .....	40.3	38.8	38.9	13.03	13.82	13.82	525.11	536.22	537.60
Elmira .....	40.2	40.1	40.4	13.64	13.72	13.63	548.33	550.17	550.65
Nassau-Suffolk .....	39.5	39.1	39.1	13.58	13.73	13.85	536.41	536.84	541.54
New York PMSA .....	39.2	39.2	39.0	13.69	14.49	14.42	536.65	568.01	562.38
New York City .....	38.3	38.5	38.3	13.49	14.42	14.36	516.67	555.17	549.99
Newburgh .....	40.7	38.8	38.4	12.13	12.25	12.41	493.69	475.30	476.54
Rochester .....	40.3	40.5	40.9	16.40	17.07	17.26	660.92	691.34	705.93
Rockland County .....	43.4	43.8	44.1	16.48	17.33	17.39	715.23	759.05	766.90
Syracuse .....	40.3	41.3	41.0	15.37	15.88	15.97	619.41	655.84	654.77
Utica-Rome .....	39.9	39.3	39.8	13.00	13.04	13.05	518.70	512.47	519.39
Westchester County .....	43.1	42.0	42.0	13.90	14.04	13.86	599.09	589.68	582.12
<b>North Carolina</b> .....	39.9	39.4	39.9	13.09	13.52	13.44	522.29	532.69	536.26
Asheville .....	39.4	37.7	37.0	12.52	12.38	12.21	493.29	466.73	451.77
Charlotte-Gastonia-Rock Hill .....	40.7	38.6	39.0	13.79	14.16	14.37	561.25	546.58	560.43
Greensboro-Winston-Salem-High Point .....	39.6	39.6	41.5	13.23	13.45	13.29	523.91	532.62	551.54
Raleigh-Durham-Chapel Hill .....	40.6	41.9	41.6	14.23	14.43	14.29	577.74	604.62	594.46
<b>North Dakota</b> .....	40.0	37.1	37.3	12.76	13.14	12.96	510.40	487.49	483.41
Fargo-Moorhead .....	40.9	40.4	40.2	13.21	13.73	13.17	540.29	554.69	529.43
<b>Ohio</b> .....	41.5	41.5	41.5	16.86	17.41	17.42	699.69	722.52	722.93
Akron .....	41.5	39.9	40.0	14.48	14.82	14.95	600.92	591.32	598.00
Canton-Massillon .....	39.8	39.3	39.5	13.66	15.06	15.01	543.67	591.86	592.90
Cincinnati .....	42.4	42.7	42.0	16.55	17.25	17.11	701.72	736.58	718.62
Cleveland-Lorain-Elyria .....	41.2	40.9	40.7	16.51	16.85	16.94	680.21	689.17	689.46
Columbus .....	41.3	41.5	41.4	15.30	15.71	15.59	631.89	651.97	645.43
Dayton-Springfield .....	42.3	42.2	42.4	17.84	18.06	17.97	754.63	762.13	761.93
Hamilton-Middletown .....	44.3	46.6	45.6	18.28	18.94	19.04	809.80	882.60	868.22
Lima .....	41.3	41.5	40.9	18.20	19.19	19.34	751.66	796.39	791.01
Mansfield .....	42.3	42.1	42.7	17.31	17.99	18.53	732.21	757.38	791.23
Steubenville-Weirton .....	42.6	42.5	43.0	17.87	19.00	18.08	761.26	807.50	777.44
Toledo .....	40.8	44.7	44.4	19.33	20.55	20.47	788.66	918.59	908.87
Youngstown-Warren .....	39.3	40.7	41.2	18.34	19.63	19.28	720.76	798.94	794.34
<b>Oklahoma</b> .....	38.1	38.1	38.0	12.85	13.93	13.98	489.59	530.73	531.24
Oklahoma City .....	36.2	37.3	38.4	13.72	13.98	14.35	496.66	521.45	551.04
Tulsa .....	42.5	40.0	40.6	14.68	15.53	15.43	623.90	621.20	626.46
<b>Oregon</b> .....	38.9	39.0	39.5	15.31	16.31	16.28	595.56	636.09	643.06
Eugene-Springfield .....	39.8	39.4	41.3	14.98	15.67	15.77	596.20	617.40	651.30
Medford-Ashland .....	37.9	39.1	40.0	13.99	14.57	14.39	530.22	569.69	575.60
Portland-Vancouver .....	40.1	36.5	37.5	15.46	16.21	16.07	619.95	591.67	602.63
Salem .....	37.1	34.8	37.1	13.54	14.57	13.37	502.33	507.04	496.03
<b>Pennsylvania</b> .....	41.2	40.7	40.7	14.82	14.87	14.87	610.58	605.21	605.21
Allentown-Bethlehem-Easton .....	41.8	41.3	41.4	15.12	15.03	15.06	632.02	620.74	623.48
Altoona .....	36.8	39.6	38.7	12.81	13.52	13.47	471.41	535.39	521.29
Erie .....	44.4	43.6	43.7	15.60	15.74	15.78	692.64	686.26	689.59
Harrisburg-Lebanon-Carlisle .....	39.3	38.8	39.3	14.64	15.52	15.42	575.35	602.18	606.01
Johnstown .....	37.2	40.0	39.5	11.89	11.91	11.90	442.31	476.40	470.05
Lancaster .....	40.3	39.4	40.1	14.61	14.80	15.00	588.78	583.12	601.50
Philadelphia PMSA .....	40.7	40.2	39.9	16.10	16.72	16.77	655.27	672.14	669.12
Pittsburgh .....	41.5	41.0	41.8	15.56	15.51	15.59	645.74	635.91	651.66
Reading .....	41.2	40.1	40.0	15.15	15.36	15.33	624.18	615.94	613.20
Scranton-Wilkes-Barre-Hazleton .....	40.9	39.9	40.0	13.31	13.53	13.59	544.38	539.85	543.60
Sharon .....	38.9	40.5	40.0	15.02	15.42	15.40	584.28	624.51	616.00
State College .....	40.6	40.0	39.5	12.86	13.39	13.34	522.12	535.60	526.93
Williamsport .....	40.3	42.1	41.5	12.23	12.64	12.75	492.87	532.14	529.13
York .....	42.4	42.2	42.0	15.89	15.84	15.78	673.74	668.45	662.76
<b>Rhode Island</b> .....	39.9	39.9	40.3	12.18	12.30	12.30	485.98	490.77	495.69
Providence-Fall River-Warwick .....	41.0	41.2	41.1	12.30	12.39	12.36	504.30	510.47	508.00

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		
	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>	Feb. 2001	Jan. 2002	Feb. 2002 <sup>P</sup>
<b>South Carolina</b> .....	42.1	41.8	41.9	\$11.13	\$11.30	\$11.29	\$468.57	\$472.34	\$473.05
<b>South Dakota</b> .....	41.5	40.2	40.7	11.03	11.91	11.91	457.75	478.78	484.74
Rapid City .....	39.1	35.4	35.3	10.03	11.97	11.98	392.17	423.74	422.89
Sioux Falls .....	42.7	42.1	42.2	11.32	11.93	11.91	483.36	502.25	502.60
<b>Tennessee</b> .....	39.0	39.3	39.0	13.25	13.65	13.59	516.75	536.45	530.01
Chattanooga .....	38.4	40.2	40.6	12.72	12.89	12.89	488.45	518.18	523.33
Johnson City-Kingsport-Bristol .....	39.0	37.2	37.0	12.74	12.84	12.42	496.86	477.65	459.54
Knoxville .....	39.6	41.6	41.2	13.07	13.17	13.31	517.57	547.87	548.37
Memphis .....	40.8	39.2	38.0	13.84	14.53	14.15	564.67	569.58	537.70
Nashville .....	39.3	39.5	38.2	14.38	15.00	15.05	565.13	592.50	574.91
<b>Texas</b> .....	42.7	42.1	41.8	12.52	12.66	12.69	534.60	532.99	530.44
Dallas .....	42.2	42.3	42.2	12.40	12.66	12.56	523.28	535.52	530.03
Ft. Worth-Arlington .....	42.5	40.8	40.8	13.44	13.63	13.60	571.20	556.10	554.88
Houston .....	44.8	44.1	43.8	14.51	14.35	14.39	650.05	632.84	630.28
San Antonio .....	44.9	45.7	45.9	10.31	10.53	10.54	462.92	481.22	483.79
<b>Utah</b> .....	39.7	38.4	36.7	13.80	13.69	14.00	547.86	525.70	513.80
Salt Lake City-Ogden .....	37.7	34.7	34.8	13.53	14.17	13.87	510.08	491.70	482.68
<b>Vermont</b> .....	39.9	39.4	39.6	14.28	14.47	14.48	569.77	570.12	573.41
Burlington .....	42.9	41.0	41.1	14.82	14.97	15.03	635.78	613.77	617.73
<b>Virginia</b> .....	41.1	41.8	41.6	14.16	14.54	14.54	581.98	607.77	604.86
Bristol .....	45.5	44.3	43.4	12.88	12.54	12.40	586.04	555.52	538.16
Charlottesville .....	46.2	42.0	42.0	12.30	12.55	12.58	568.26	527.10	528.36
Danville .....	41.0	41.1	41.7	14.38	14.88	14.99	589.58	611.57	625.08
Lynchburg .....	41.2	42.0	42.2	13.53	13.70	13.89	557.44	575.40	586.16
Northern Virginia .....	38.9	39.0	39.6	15.09	14.58	15.44	587.00	568.62	611.42
Richmond-Petersburg .....	39.9	43.0	42.3	17.05	18.16	18.71	680.30	780.88	791.43
Roanoke .....	39.7	38.1	38.2	15.22	15.93	16.09	604.23	606.93	614.64
<b>Washington</b> .....	39.5	39.9	40.4	17.29	18.19	18.16	682.96	725.78	733.66
<b>West Virginia</b> .....	40.8	40.3	40.7	14.83	15.39	15.21	605.06	620.22	619.05
Charleston .....	46.5	46.8	46.6	17.21	18.05	17.85	800.27	844.74	831.81
Huntington-Ashland .....	40.9	41.4	42.6	15.38	15.91	16.11	629.04	658.67	686.29
Parkersburg-Marietta .....	40.0	42.1	41.6	18.06	18.59	18.61	722.40	782.64	774.18
Wheeling .....	40.9	38.6	38.9	17.28	18.79	18.49	706.75	725.29	719.26
<b>Wisconsin</b> .....	40.3	41.0	40.8	14.93	15.60	15.69	601.68	639.60	640.15
Appleton-Oshkosh-Neenah .....	42.6	42.3	41.1	16.44	17.13	17.21	700.34	724.60	707.33
Eau Claire .....	40.5	38.3	41.5	13.33	14.37	14.23	539.87	550.37	590.55
Green Bay .....	40.5	40.9	41.1	15.16	15.49	15.09	613.98	633.54	620.20
Janesville-Beloit .....	38.7	46.8	42.5	18.97	21.26	22.07	734.14	994.97	937.98
Kenosha .....	38.8	37.8	38.3	16.49	17.55	17.15	639.81	663.39	656.85
La Crosse .....	40.8	39.3	38.1	12.93	13.48	13.33	527.54	529.76	507.87
Madison .....	38.4	36.7	38.5	14.42	14.51	14.57	553.73	532.52	560.95
Milwaukee-Waukesha .....	40.5	40.6	40.9	15.54	15.82	16.04	629.37	642.29	656.04
Racine .....	40.6	41.5	40.8	15.30	17.07	17.47	621.18	708.41	712.78
Sheboygan .....	41.1	40.3	41.5	14.97	15.54	15.43	615.27	626.26	640.35
Wausau .....	38.8	42.1	39.5	14.87	15.35	15.08	576.96	646.24	595.66
<b>Wyoming</b> .....	37.3	36.9	37.3	16.69	16.71	16.91	622.54	616.60	630.74
<b>Puerto Rico</b> .....	40.5	39.6	40.6	9.75	10.29	10.24	394.88	407.48	415.74
<b>Virgin Islands</b> .....	42.9	43.8	43.2	20.74	20.68	20.33	889.75	905.78	878.26

<sup>1</sup> Not available.

<sup>P</sup> = preliminary.

NOTE: All State and area data currently reflect March 2001 benchmark levels. When

more recent benchmark data are introduced with the release of January 2003 estimates, all unadjusted data from April 2001 are subject to revision. Area definitions are published annually in the May issue of this publication.

**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	2001											2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>
<b>NORTHEAST</b>													
Civilian labor force .....	26,272.6	26,269.1	26,266.5	26,279.7	26,294.1	26,291.5	26,301.0	26,324.1	26,315.7	26,332.0	26,308.7	26,633.2	26,636.9
Employed .....	25,262.6	25,231.4	25,185.1	25,175.0	25,156.7	25,128.0	25,098.0	25,099.5	25,047.2	25,021.7	24,978.8	25,271.2	25,258.5
Unemployed .....	1,010.0	1,037.7	1,081.5	1,104.7	1,137.4	1,163.4	1,203.1	1,224.6	1,268.5	1,310.3	1,330.0	1,362.1	1,378.4
Unemployment rate .....	3.8	4.0	4.1	4.2	4.3	4.4	4.6	4.7	4.8	5.0	5.1	5.1	5.2
<b>New England</b>													
Civilian labor force .....	7,202.5	7,203.5	7,206.2	7,207.2	7,210.5	7,213.5	7,219.3	7,217.0	7,221.1	7,225.7	7,217.0	7,314.8	7,315.7
Employed .....	6,986.2	6,973.2	6,963.0	6,956.0	6,948.9	6,937.6	6,934.3	6,929.5	6,924.7	6,918.3	6,905.5	7,015.1	7,022.6
Unemployed .....	216.3	230.3	243.2	251.2	261.6	275.9	285.1	287.5	296.4	307.4	311.5	299.7	293.2
Unemployment rate .....	3.0	3.2	3.4	3.5	3.6	3.8	3.9	4.0	4.1	4.3	4.3	4.1	4.0
<b>Middle Atlantic</b>													
Civilian labor force .....	19,070.1	19,065.6	19,060.4	19,072.5	19,083.6	19,078.0	19,081.7	19,107.1	19,094.6	19,106.3	19,091.7	19,318.5	19,321.1
Employed .....	18,276.4	18,258.2	18,222.1	18,219.0	18,207.8	18,190.4	18,163.7	18,170.0	18,122.5	18,103.4	18,073.3	18,256.1	18,235.9
Unemployed .....	793.7	807.4	838.3	853.5	875.8	887.6	918.0	937.1	972.0	1,002.9	1,018.5	1,062.3	1,085.2
Unemployment rate .....	4.2	4.2	4.4	4.5	4.6	4.7	4.8	4.9	5.1	5.2	5.3	5.5	5.6
<b>SOUTH</b>													
Civilian labor force .....	49,284.2	49,300.7	49,300.7	49,341.2	49,345.9	49,425.0	49,476.7	49,473.8	49,611.2	49,663.6	49,677.7	50,231.4	50,175.6
Employed .....	47,212.7	47,174.8	47,116.9	47,087.1	47,045.0	47,043.2	47,078.6	47,021.9	47,027.3	46,974.4	46,914.7	47,560.4	47,531.0
Unemployed .....	2,071.4	2,125.9	2,183.7	2,254.1	2,300.9	2,381.9	2,398.1	2,451.9	2,583.9	2,689.3	2,763.0	2,671.0	2,644.5
Unemployment rate .....	4.2	4.3	4.4	4.6	4.7	4.8	4.8	5.0	5.2	5.4	5.6	5.3	5.3
<b>South Atlantic</b>													
Civilian labor force .....	25,729.1	25,733.8	25,728.1	25,756.8	25,739.6	25,790.9	25,830.3	25,811.5	25,889.2	25,899.1	25,902.0	26,202.7	26,151.2
Employed .....	24,710.9	24,687.0	24,643.3	24,627.5	24,589.8	24,599.5	24,630.2	24,585.5	24,586.4	24,540.6	24,505.1	24,860.6	24,832.0
Unemployed .....	1,018.2	1,046.8	1,084.8	1,129.3	1,149.8	1,191.4	1,200.1	1,226.0	1,302.8	1,358.4	1,396.9	1,342.1	1,319.1
Unemployment rate .....	4.0	4.1	4.2	4.4	4.5	4.6	4.6	4.7	5.0	5.2	5.4	5.1	5.0
<b>East South Central</b>													
Civilian labor force .....	8,239.7	8,227.6	8,218.7	8,209.6	8,202.4	8,221.8	8,213.1	8,222.6	8,245.5	8,252.7	8,257.4	8,378.1	8,370.8
Employed .....	7,853.0	7,834.6	7,820.7	7,807.8	7,794.5	7,797.6	7,792.0	7,789.8	7,791.4	7,786.1	7,778.5	7,912.8	7,911.5
Unemployed .....	386.7	393.0	398.0	401.8	408.0	424.3	421.2	432.8	454.1	466.7	478.9	465.2	459.3
Unemployment rate .....	4.7	4.8	4.8	4.9	5.0	5.2	5.1	5.3	5.5	5.7	5.8	5.6	5.5
<b>West South Central</b>													
Civilian labor force .....	15,315.3	15,339.3	15,353.9	15,374.7	15,403.9	15,412.3	15,433.3	15,439.7	15,476.6	15,511.8	15,518.3	15,650.6	15,653.6
Employed .....	14,648.8	14,653.2	14,652.9	14,651.8	14,660.7	14,646.1	14,656.4	14,646.6	14,649.6	14,647.7	14,631.1	14,787.0	14,787.5
Unemployed .....	666.5	686.1	701.0	722.9	743.2	766.3	776.9	793.1	827.1	864.1	887.3	863.7	866.1
Unemployment rate .....	4.4	4.5	4.6	4.7	4.8	5.0	5.0	5.1	5.3	5.6	5.7	5.5	5.5

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	2001											2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>
<b>MIDWEST</b>													
Civilian labor force .....	33,872.7	33,886.1	33,876.9	33,868.7	33,887.8	33,923.9	33,907.2	33,918.7	33,970.6	33,969.7	33,934.4	34,267.9	(2)
Employed .....	32,447.7	32,440.4	32,393.0	32,378.5	32,356.0	32,366.8	32,333.6	32,327.2	32,309.2	32,262.4	32,211.6	32,511.5	(2)
Unemployed .....	1,425.0	1,445.7	1,483.9	1,490.2	1,531.8	1,557.2	1,573.6	1,591.4	1,661.4	1,707.2	1,722.8	1,756.4	(2)
Unemployment rate .....	4.2	4.3	4.4	4.4	4.5	4.6	4.6	4.7	4.9	5.0	5.1	5.1	(2)
<b>East North Central</b>													
Civilian labor force .....	23,459.5	23,470.0	23,456.5	23,451.7	23,458.4	23,490.3	23,475.0	23,481.8	23,526.0	23,529.0	23,504.3	23,708.9	(2)
Employed .....	22,426.0	22,415.6	22,373.5	22,357.1	22,333.3	22,343.9	22,311.3	22,303.5	22,294.1	22,254.6	22,218.4	22,379.9	(2)
Unemployed .....	1,033.5	1,054.4	1,083.0	1,094.6	1,125.1	1,146.5	1,163.6	1,178.3	1,232.0	1,274.4	1,285.9	1,329.0	(2)
Unemployment rate .....	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.0	5.2	5.4	5.5	5.6	(2)
<b>West North Central</b>													
Civilian labor force .....	10,413.2	10,416.0	10,420.4	10,417.0	10,429.4	10,433.6	10,432.2	10,436.9	10,444.6	10,440.7	10,430.1	10,559.0	10,562.4
Employed .....	10,021.7	10,024.8	10,019.5	10,021.4	10,022.7	10,022.9	10,022.2	10,023.7	10,015.2	10,007.9	9,993.2	10,131.6	10,129.5
Unemployed .....	391.5	391.3	400.9	395.6	406.7	410.7	410.0	413.2	429.5	432.8	436.9	427.4	432.9
Unemployment rate .....	3.8	3.8	3.8	3.8	3.9	3.9	3.9	4.0	4.1	4.1	4.2	4.0	4.1
<b>WEST</b>													
Civilian labor force .....	32,037.1	32,067.8	32,103.8	32,111.6	32,154.0	32,179.7	32,213.4	32,246.0	32,352.9	32,407.2	32,392.8	32,667.3	32,744.4
Employed .....	30,557.1	30,553.6	30,541.1	30,516.1	30,515.0	30,506.1	30,489.9	30,461.6	30,469.2	30,440.4	30,397.8	30,605.5	30,733.5
Unemployed .....	1,480.0	1,514.2	1,562.8	1,595.5	1,639.0	1,673.6	1,723.6	1,784.4	1,883.6	1,966.8	1,995.0	2,061.8	2,010.9
Unemployment rate .....	4.6	4.7	4.9	5.0	5.1	5.2	5.4	5.5	5.8	6.1	6.2	6.3	6.1
<b>Mountain</b>													
Civilian labor force .....	9,034.6	9,057.9	9,063.0	9,079.0	9,097.3	9,106.8	9,122.6	9,142.2	9,176.8	9,203.5	9,225.4	9,352.6	9,373.5
Employed .....	8,685.6	8,695.8	8,690.7	8,698.6	8,708.2	8,707.1	8,713.5	8,712.1	8,714.0	8,714.1	8,712.0	8,828.3	8,840.0
Unemployed .....	349.0	362.1	372.2	380.4	389.1	399.7	409.1	430.1	462.9	489.5	513.3	524.3	533.5
Unemployment rate .....	3.9	4.0	4.1	4.2	4.3	4.4	4.5	4.7	5.0	5.3	5.6	5.6	5.7
<b>Pacific</b>													
Civilian labor force .....	23,002.4	23,009.8	23,040.9	23,032.6	23,056.7	23,072.9	23,090.8	23,103.8	23,176.0	23,203.7	23,167.4	23,314.7	23,370.9
Employed .....	21,871.5	21,857.7	21,850.3	21,817.5	21,806.8	21,799.0	21,776.4	21,749.5	21,755.3	21,726.3	21,685.8	21,777.2	21,893.5
Unemployed .....	1,131.0	1,152.1	1,190.5	1,215.1	1,249.9	1,273.9	1,314.4	1,354.3	1,420.8	1,477.4	1,481.6	1,537.5	1,477.4
Unemployment rate .....	4.9	5.0	5.2	5.3	5.4	5.5	5.7	5.9	6.1	6.4	6.4	6.6	6.3

<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.

<sup>2</sup> Not available.

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

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	2001											2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.P
<b>Alabama</b>													
Civilian labor force .....	2,151.0	2,147.6	2,144.8	2,141.8	2,142.3	2,144.5	2,144.5	2,146.5	2,152.9	2,151.6	2,150.4	2,163.5	2,165.1
Employed .....	2,045.0	2,040.6	2,038.1	2,034.3	2,031.6	2,031.1	2,029.4	2,027.5	2,029.4	2,023.9	2,020.6	2,049.7	2,047.1
Unemployed .....	106.0	107.0	106.8	107.5	110.7	113.4	115.2	118.9	123.5	127.7	129.8	113.8	118.1
Unemployment rate .....	4.9	5.0	5.0	5.0	5.2	5.3	5.4	5.5	5.7	5.9	6.0	5.3	5.5
<b>Alaska</b>													
Civilian labor force .....	321.9	321.6	321.6	322.1	321.7	321.7	321.9	322.0	322.4	322.0	322.1	328.6	328.2
Employed .....	301.4	301.3	301.4	301.8	301.5	301.5	301.7	301.9	302.8	302.4	302.6	309.3	309.4
Unemployed .....	20.5	20.3	20.2	20.3	20.3	20.2	20.3	20.1	19.6	19.6	19.5	19.4	18.9
Unemployment rate .....	6.4	6.3	6.3	6.3	6.3	6.3	6.3	6.2	6.1	6.1	6.0	5.9	5.7
<b>Arizona</b>													
Civilian labor force .....	2,382.8	2,396.0	2,401.1	2,408.4	2,417.4	2,421.8	2,430.6	2,440.1	2,448.2	2,455.6	2,462.3	2,480.5	2,481.9
Employed .....	2,288.3	2,297.1	2,300.2	2,303.5	2,307.3	2,312.0	2,316.6	2,316.5	2,318.9	2,318.8	2,320.0	2,336.5	2,333.4
Unemployed .....	94.4	98.9	100.9	104.9	110.1	109.8	114.0	123.6	129.3	136.8	142.3	144.0	148.4
Unemployment rate .....	4.0	4.1	4.2	4.4	4.6	4.5	4.7	5.1	5.3	5.6	5.8	5.8	6.0
<b>Arkansas</b>													
Civilian labor force .....	1,231.9	1,229.9	1,228.5	1,227.8	1,226.7	1,224.9	1,223.8	1,223.9	1,223.9	1,225.0	1,224.3	1,270.5	1,276.9
Employed .....	1,171.2	1,169.4	1,166.7	1,164.9	1,163.5	1,161.4	1,160.6	1,159.7	1,159.3	1,159.2	1,157.4	1,209.0	1,213.9
Unemployed .....	60.7	60.4	61.8	62.8	63.2	63.4	63.2	64.2	64.6	65.9	66.9	61.6	63.0
Unemployment rate .....	4.9	4.9	5.0	5.1	5.2	5.2	5.2	5.2	5.3	5.4	5.5	4.8	4.9
<b>California</b>													
Civilian labor force .....	17,266.4	17,279.2	17,311.9	17,310.2	17,335.7	17,360.6	17,383.4	17,400.5	17,463.3	17,502.4	17,482.9	17,553.8	17,594.4
Employed .....	16,449.5	16,449.1	16,454.4	16,432.8	16,430.9	16,438.9	16,427.8	16,416.3	16,431.8	16,434.0	16,414.9	16,438.9	16,523.0
Unemployed .....	816.8	830.1	857.5	877.4	904.8	921.7	955.6	984.2	1,031.6	1,068.4	1,067.9	1,114.9	1,071.4
Unemployment rate .....	4.7	4.8	5.0	5.1	5.2	5.3	5.5	5.7	5.9	6.1	6.1	6.4	6.1
<b>Colorado</b>													
Civilian labor force .....	2,279.3	2,281.1	2,281.7	2,287.1	2,291.5	2,292.6	2,297.0	2,301.8	2,309.0	2,318.0	2,321.3	2,380.0	2,386.0
Employed .....	2,213.8	2,212.0	2,209.3	2,211.1	2,212.9	2,208.7	2,209.1	2,207.9	2,206.0	2,205.6	2,202.6	2,245.8	2,248.9
Unemployed .....	65.6	69.1	72.4	76.0	78.6	83.9	87.9	93.9	103.0	112.5	118.8	134.2	137.1
Unemployment rate .....	2.9	3.0	3.2	3.3	3.4	3.7	3.8	4.1	4.5	4.9	5.1	5.6	5.7
<b>Connecticut</b>													
Civilian labor force .....	1,728.0	1,723.8	1,719.8	1,719.0	1,717.2	1,715.5	1,714.7	1,710.2	1,710.0	1,709.7	1,708.8	1,712.0	1,711.6
Employed .....	1,684.0	1,676.2	1,669.7	1,666.2	1,661.4	1,656.1	1,652.8	1,648.3	1,645.8	1,643.0	1,639.7	1,651.9	1,652.1
Unemployed .....	44.0	47.6	50.1	52.8	55.8	59.4	61.9	61.9	64.2	66.7	69.1	60.1	59.5
Unemployment rate .....	2.5	2.8	2.9	3.1	3.3	3.5	3.6	3.6	3.8	3.9	4.0	3.5	3.5
<b>Delaware</b>													
Civilian labor force .....	418.7	418.8	418.3	418.5	418.3	417.7	418.0	418.9	420.1	419.7	419.7	418.2	419.5
Employed .....	402.4	403.4	403.6	404.2	404.1	403.8	404.1	405.1	406.3	405.7	405.2	402.4	405.0
Unemployed .....	16.3	15.4	14.7	14.3	14.1	13.9	13.9	13.9	13.8	14.0	14.5	15.8	14.4
Unemployment rate .....	3.9	3.7	3.5	3.4	3.4	3.3	3.3	3.3	3.3	3.3	3.4	3.8	3.4
<b>District of Columbia</b>													
Civilian labor force .....	278.6	278.1	277.1	278.1	278.7	278.8	278.7	277.5	276.9	276.4	275.6	275.9	274.5
Employed .....	260.8	260.4	260.0	260.1	259.9	260.2	260.1	259.1	258.5	257.7	258.0	257.4	255.5
Unemployed .....	17.8	17.7	17.1	18.1	18.8	18.6	18.6	18.4	18.4	18.7	17.6	18.6	19.0
Unemployment rate .....	6.4	6.4	6.2	6.5	6.7	6.7	6.7	6.6	6.6	6.8	6.4	6.7	6.9
<b>Florida</b>													
Civilian labor force .....	7,603.7	7,624.3	7,638.2	7,654.1	7,641.9	7,686.1	7,734.9	7,701.3	7,731.8	7,735.4	7,752.5	7,801.6	7,777.3
Employed .....	7,299.9	7,310.5	7,309.5	7,313.4	7,289.8	7,319.5	7,358.7	7,317.6	7,314.1	7,300.4	7,286.1	7,387.1	7,366.7
Unemployed .....	303.8	313.8	328.7	340.8	352.1	366.5	376.2	383.7	417.7	434.9	466.5	414.5	410.5
Unemployment rate .....	4.0	4.1	4.3	4.5	4.6	4.8	4.9	5.0	5.4	5.6	6.0	5.3	5.3

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	2001											2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.P
<b>Georgia</b>													
Civilian labor force .....	4,157.7	4,146.1	4,144.5	4,136.0	4,131.2	4,126.6	4,111.1	4,108.4	4,122.1	4,116.3	4,110.4	4,207.1	4,181.7
Employed .....	4,004.1	3,992.8	3,986.1	3,976.0	3,968.5	3,962.2	3,949.2	3,943.3	3,945.0	3,930.6	3,923.9	4,014.6	3,997.6
Unemployed .....	153.6	153.3	158.5	159.9	162.7	164.4	161.9	165.1	177.1	185.7	186.5	192.5	184.0
Unemployment rate .....	3.7	3.7	3.8	3.9	3.9	4.0	3.9	4.0	4.3	4.5	4.5	4.6	4.4
<b>Hawaii</b>													
Civilian labor force .....	602.3	603.0	604.7	603.8	605.9	605.6	604.7	607.0	610.1	611.0	609.0	608.1	604.5
Employed .....	577.3	577.7	577.3	577.7	579.5	578.6	578.5	579.6	577.1	576.1	575.1	579.4	575.8
Unemployed .....	25.1	25.2	27.3	26.0	26.4	27.0	26.2	27.4	33.1	34.9	33.9	28.7	28.7
Unemployment rate .....	4.2	4.2	4.5	4.3	4.4	4.5	4.3	4.5	5.4	5.7	5.6	4.7	4.7
<b>Idaho</b>													
Civilian labor force .....	671.1	674.5	678.2	680.1	682.5	684.2	686.8	687.6	689.6	691.4	693.3	690.8	693.8
Employed .....	639.7	642.8	644.9	646.8	649.0	650.4	653.0	652.8	654.3	654.7	655.4	652.4	654.7
Unemployed .....	31.4	31.8	33.3	33.3	33.5	33.9	33.8	34.8	35.3	36.7	37.9	38.3	39.1
Unemployment rate .....	4.7	4.7	4.9	4.9	4.9	4.9	4.9	5.1	5.1	5.3	5.5	5.5	5.6
<b>Illinois</b>													
Civilian labor force .....	6,375.5	6,369.8	6,361.9	6,357.4	6,352.2	6,345.8	6,329.9	6,335.4	6,336.5	6,333.3	6,324.1	6,371.7	6,381.4
Employed .....	6,054.1	6,040.3	6,029.1	6,025.3	6,014.9	6,003.0	5,982.9	5,981.8	5,973.4	5,960.0	5,947.7	5,997.0	6,014.2
Unemployed .....	321.4	329.5	332.8	332.1	337.2	342.7	347.0	353.6	363.1	373.2	376.4	374.7	367.2
Unemployment rate .....	5.0	5.2	5.2	5.2	5.3	5.4	5.5	5.6	5.7	5.9	6.0	5.9	5.8
<b>Indiana</b>													
Civilian labor force .....	3,091.5	3,100.0	3,097.9	3,099.3	3,097.6	3,111.0	3,116.6	3,114.4	3,119.9	3,118.5	3,110.6	3,141.9	3,150.0
Employed .....	2,978.4	2,980.1	2,976.3	2,974.1	2,965.8	2,972.3	2,974.7	2,968.8	2,964.9	2,959.6	2,950.8	2,986.0	2,989.5
Unemployed .....	113.1	119.9	121.6	125.2	131.9	138.7	141.9	145.5	154.9	158.9	159.9	155.9	160.5
Unemployment rate .....	3.7	3.9	3.9	4.0	4.3	4.5	4.6	4.7	5.0	5.1	5.1	5.0	5.1
<b>Iowa</b>													
Civilian labor force .....	1,575.4	1,579.0	1,581.7	1,583.4	1,582.4	1,588.5	1,593.4	1,599.5	1,600.1	1,599.0	1,603.1	1,598.0	1,604.4
Employed .....	1,527.2	1,529.3	1,530.2	1,531.5	1,530.6	1,534.6	1,539.7	1,542.8	1,540.9	1,539.9	1,543.3	1,545.0	1,549.5
Unemployed .....	48.2	49.7	51.5	51.9	51.8	53.9	53.7	56.7	59.2	59.0	59.9	53.0	54.9
Unemployment rate .....	3.1	3.1	3.3	3.3	3.3	3.4	3.4	3.5	3.7	3.7	3.7	3.3	3.4
<b>Kansas</b>													
Civilian labor force .....	1,390.1	1,386.2	1,381.8	1,380.1	1,378.7	1,378.6	1,377.7	1,377.0	1,377.5	1,377.6	1,377.5	1,447.5	1,448.7
Employed .....	1,330.5	1,328.2	1,324.4	1,322.2	1,319.9	1,319.5	1,318.8	1,317.9	1,316.9	1,316.2	1,316.4	1,384.2	1,384.9
Unemployed .....	59.6	58.1	57.4	57.9	58.9	59.1	58.9	59.1	60.6	61.3	61.1	63.3	63.7
Unemployment rate .....	4.3	4.2	4.2	4.2	4.3	4.3	4.3	4.3	4.4	4.5	4.4	4.4	4.4
<b>Kentucky</b>													
Civilian labor force .....	1,975.4	1,969.8	1,967.5	1,964.3	1,962.0	1,967.8	1,962.6	1,962.5	1,967.9	1,969.8	1,970.6	1,996.5	1,993.4
Employed .....	1,878.1	1,870.4	1,864.2	1,860.1	1,855.7	1,853.2	1,851.9	1,851.7	1,849.0	1,850.2	1,848.0	1,888.6	1,890.3
Unemployed .....	97.3	99.4	103.2	104.2	106.3	114.6	110.7	110.8	118.8	119.7	122.6	107.8	103.1
Unemployment rate .....	4.9	5.0	5.2	5.3	5.4	5.8	5.6	5.6	6.0	6.1	6.2	5.4	5.2
<b>Louisiana</b>													
Civilian labor force .....	2,039.6	2,038.8	2,041.5	2,045.4	2,046.8	2,052.0	2,048.2	2,056.2	2,063.1	2,064.9	2,065.2	2,029.9	2,038.4
Employed .....	1,920.7	1,920.4	1,923.8	1,927.3	1,929.4	1,934.8	1,932.9	1,932.4	1,935.2	1,930.5	1,927.8	1,910.3	1,917.9
Unemployed .....	118.9	118.4	117.8	118.1	117.4	117.1	115.3	123.9	127.9	134.4	137.4	119.6	120.5
Unemployment rate .....	5.8	5.8	5.8	5.8	5.7	5.7	5.6	6.0	6.2	6.5	6.7	5.9	5.9
<b>Maine</b>													
Civilian labor force .....	683.6	682.6	683.2	682.6	682.7	684.1	684.0	684.5	685.1	686.0	684.1	682.8	684.4
Employed .....	659.8	658.6	656.7	655.5	655.3	655.8	655.4	655.3	655.6	656.6	654.9	656.8	656.7
Unemployed .....	23.8	24.1	26.5	27.2	27.5	28.3	28.6	29.2	29.5	29.4	29.2	26.0	27.7
Unemployment rate .....	3.5	3.5	3.9	4.0	4.0	4.1	4.2	4.3	4.3	4.3	4.3	3.8	4.0
<b>Maryland</b>													
Civilian labor force .....	2,823.2	2,824.6	2,824.9	2,832.5	2,837.8	2,840.9	2,845.6	2,848.0	2,852.1	2,852.5	2,847.9	2,897.1	2,905.3
Employed .....	2,716.1	2,717.6	2,714.7	2,719.2	2,724.6	2,724.0	2,728.0	2,728.9	2,728.6	2,725.8	2,721.2	2,760.8	2,774.3
Unemployed .....	107.1	107.0	110.2	113.3	113.2	117.0	117.6	119.1	123.5	126.7	126.7	136.3	131.0
Unemployment rate .....	3.8	3.8	3.9	4.0	4.0	4.1	4.1	4.2	4.3	4.4	4.4	4.7	4.5

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	2001											2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.P
<b>Massachusetts</b>													
Civilian labor force .....	3,262.7	3,270.0	3,275.6	3,281.3	3,283.1	3,287.8	3,294.1	3,296.0	3,298.5	3,301.9	3,297.1	3,357.7	3,358.5
Employed .....	3,168.2	3,167.9	3,166.9	3,167.2	3,164.9	3,162.1	3,163.0	3,162.6	3,159.8	3,156.6	3,150.5	3,210.3	3,212.4
Unemployed .....	94.6	102.1	108.8	114.1	118.1	125.7	131.1	133.4	138.6	145.3	146.6	147.4	146.1
Unemployment rate .....	2.9	3.1	3.3	3.5	3.6	3.8	4.0	4.0	4.2	4.4	4.4	4.4	4.4
<b>Michigan</b>													
Civilian labor force .....	5,183.7	5,185.0	5,168.5	5,164.4	5,165.2	5,172.4	5,168.2	5,165.9	5,184.0	5,185.6	5,179.8	5,218.0	(1)
Employed .....	4,944.2	4,937.1	4,914.5	4,903.3	4,897.7	4,898.6	4,885.1	4,880.0	4,881.2	4,868.3	4,858.2	4,876.9	(1)
Unemployed .....	239.5	247.9	253.9	261.0	267.5	273.8	283.0	285.9	302.9	317.3	321.6	341.1	(1)
Unemployment rate .....	4.6	4.8	4.9	5.1	5.2	5.3	5.5	5.5	5.8	6.1	6.2	6.5	(1)
<b>Minnesota</b>													
Civilian labor force .....	2,794.9	2,802.3	2,808.7	2,814.0	2,819.1	2,823.5	2,822.0	2,820.8	2,827.2	2,828.3	2,827.4	2,849.7	2,847.9
Employed .....	2,697.4	2,702.6	2,704.3	2,711.1	2,714.7	2,718.1	2,717.8	2,718.8	2,718.0	2,717.5	2,713.3	2,733.5	2,728.9
Unemployed .....	97.4	99.7	104.3	102.9	104.4	105.4	104.3	102.0	109.1	110.7	114.1	116.2	118.9
Unemployment rate .....	3.5	3.6	3.7	3.7	3.7	3.7	3.7	3.6	3.9	3.9	4.0	4.1	4.2
<b>Mississippi</b>													
Civilian labor force .....	1,305.7	1,303.0	1,296.2	1,292.0	1,287.7	1,291.7	1,289.7	1,291.8	1,294.2	1,298.0	1,297.0	1,322.1	1,314.6
Employed .....	1,239.0	1,233.5	1,229.6	1,225.5	1,221.2	1,222.7	1,218.7	1,217.2	1,216.8	1,215.6	1,212.7	1,236.2	1,231.9
Unemployed .....	66.7	69.5	66.5	66.5	66.5	69.1	71.0	74.6	77.4	82.4	84.3	86.0	82.7
Unemployment rate .....	5.1	5.3	5.1	5.1	5.2	5.3	5.5	5.8	6.0	6.3	6.5	6.5	6.3
<b>Missouri</b>													
Civilian labor force .....	2,983.6	2,978.5	2,977.0	2,969.1	2,977.6	2,970.5	2,967.0	2,967.0	2,965.2	2,959.4	2,944.9	2,960.3	2,955.1
Employed .....	2,846.4	2,844.2	2,841.0	2,836.6	2,837.4	2,830.2	2,825.7	2,823.9	2,818.8	2,812.7	2,801.1	2,820.8	2,814.8
Unemployed .....	137.2	134.3	136.0	132.4	140.1	140.3	141.2	143.2	146.5	146.7	143.8	139.5	140.3
Unemployment rate .....	4.6	4.5	4.6	4.5	4.7	4.7	4.8	4.8	4.9	5.0	4.9	4.7	4.7
<b>Montana</b>													
Civilian labor force .....	469.1	468.2	466.5	465.9	466.0	462.9	462.1	462.0	462.2	463.0	463.1	473.1	473.8
Employed .....	447.9	446.8	444.8	444.4	444.8	442.0	441.1	440.8	441.1	441.7	441.4	453.1	453.3
Unemployed .....	21.2	21.4	21.7	21.5	21.2	20.9	21.0	21.2	21.1	21.3	21.7	19.9	20.5
Unemployment rate .....	4.5	4.6	4.6	4.6	4.5	4.5	4.5	4.6	4.6	4.6	4.7	4.2	4.3
<b>Nebraska</b>													
Civilian labor force .....	926.4	927.1	927.1	927.1	927.4	928.5	928.2	929.2	930.2	931.7	930.9	954.5	955.9
Employed .....	898.5	898.8	898.5	898.8	899.0	899.7	899.6	900.0	900.5	901.4	899.6	922.4	923.5
Unemployed .....	27.9	28.3	28.5	28.3	28.4	28.9	28.6	29.2	29.7	30.4	31.3	32.1	32.3
Unemployment rate .....	3.0	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.3	3.4	3.4	3.4
<b>Nevada</b>													
Civilian labor force .....	1,012.6	1,014.2	1,014.8	1,017.0	1,019.4	1,022.7	1,024.0	1,025.5	1,037.2	1,040.6	1,044.8	1,053.0	1,053.9
Employed .....	966.3	966.9	965.7	968.0	968.9	970.1	970.1	971.9	969.3	970.9	972.4	987.2	989.3
Unemployed .....	46.3	47.3	49.1	49.1	50.5	52.6	53.9	53.7	68.0	69.7	72.4	65.9	64.5
Unemployment rate .....	4.6	4.7	4.8	4.8	5.0	5.1	5.3	5.2	6.6	6.7	6.9	6.3	6.1
<b>New Hampshire</b>													
Civilian labor force .....	689.5	688.4	687.9	686.3	687.3	688.7	689.8	688.8	688.8	689.8	688.6	709.3	707.0
Employed .....	668.8	666.7	665.2	664.6	663.8	663.0	662.2	661.2	661.8	662.4	661.7	681.0	680.5
Unemployed .....	20.7	21.7	22.6	21.7	23.5	25.7	27.6	27.5	27.0	27.4	26.9	28.3	26.5
Unemployment rate .....	3.0	3.1	3.3	3.2	3.4	3.7	4.0	4.0	3.9	4.0	3.9	4.0	3.7
<b>New Jersey</b>													
Civilian labor force .....	4,162.8	4,169.3	4,172.5	4,174.7	4,179.6	4,171.0	4,172.4	4,181.7	4,195.5	4,200.8	4,201.1	4,267.0	4,273.2
Employed .....	4,017.5	4,012.1	4,006.3	4,005.2	4,004.8	3,996.0	3,991.3	3,994.9	3,999.9	4,000.2	3,997.7	4,059.5	4,051.0
Unemployed .....	145.3	157.2	166.2	169.5	174.8	174.9	181.1	186.8	195.5	200.6	203.4	207.5	222.2
Unemployment rate .....	3.5	3.8	4.0	4.1	4.2	4.2	4.3	4.5	4.7	4.8	4.8	4.9	5.2

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	2001											2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.P
<b>New Mexico</b>													
Civilian labor force .....	838.0	839.2	837.6	836.9	836.2	837.0	835.9	837.3	838.8	839.2	839.5	858.5	860.4
Employed .....	799.6	800.9	798.5	797.9	797.8	797.1	796.9	796.6	797.2	796.7	796.9	806.3	808.0
Unemployed .....	38.4	38.4	39.0	39.0	38.4	39.9	39.0	40.7	41.5	42.4	42.7	52.2	52.4
Unemployment rate .....	4.6	4.6	4.7	4.7	4.6	4.8	4.7	4.9	4.9	5.1	5.1	6.1	6.1
<b>New York</b>													
Civilian labor force .....	8,859.5	8,840.1	8,826.3	8,824.6	8,818.4	8,820.1	8,825.6	8,838.4	8,810.3	8,819.4	8,812.4	8,941.0	8,960.0
Employed .....	8,480.8	8,462.4	8,431.8	8,422.9	8,405.1	8,397.1	8,380.6	8,378.2	8,335.6	8,323.9	8,306.2	8,426.7	8,435.6
Unemployed .....	378.6	377.7	394.5	401.7	413.3	423.0	445.0	460.2	474.7	495.5	506.2	514.2	524.4
Unemployment rate .....	4.3	4.3	4.5	4.6	4.7	4.8	5.0	5.2	5.4	5.6	5.7	5.8	5.9
<b>North Carolina</b>													
Civilian labor force .....	4,001.3	3,994.0	3,982.3	3,988.4	3,982.5	3,983.9	3,981.8	3,990.6	4,009.5	4,015.9	4,014.8	4,020.3	4,006.1
Employed .....	3,812.8	3,797.4	3,779.4	3,771.0	3,763.8	3,755.7	3,755.3	3,757.9	3,765.3	3,756.5	3,753.3	3,763.2	3,756.1
Unemployed .....	188.5	196.7	202.9	217.3	218.7	228.2	226.5	232.7	244.2	259.4	261.5	257.0	250.0
Unemployment rate .....	4.7	4.9	5.1	5.4	5.5	5.7	5.7	5.8	6.1	6.5	6.5	6.4	6.2
<b>North Dakota</b>													
Civilian labor force .....	339.5	338.9	339.8	338.5	339.1	338.3	338.3	337.6	338.0	338.5	339.0	339.3	339.4
Employed .....	329.8	329.6	329.6	329.5	329.5	329.0	329.0	329.0	328.8	328.7	328.5	329.1	329.6
Unemployed .....	9.7	9.3	10.2	9.1	9.6	9.3	9.3	8.7	9.2	9.8	10.5	10.2	9.7
Unemployment rate .....	2.9	2.7	3.0	2.7	2.8	2.7	2.8	2.6	2.7	2.9	3.1	3.0	2.9
<b>Ohio</b>													
Civilian labor force .....	5,822.5	5,828.7	5,840.0	5,842.9	5,855.5	5,869.4	5,868.3	5,874.8	5,885.8	5,890.1	5,888.7	5,910.0	5,925.2
Employed .....	5,595.2	5,604.0	5,600.8	5,598.9	5,603.7	5,615.5	5,612.7	5,616.0	5,617.1	5,611.2	5,607.8	5,610.8	5,608.4
Unemployed .....	227.3	224.7	239.2	244.0	251.8	253.9	255.6	258.7	268.8	279.0	280.9	299.3	316.8
Unemployment rate .....	3.9	3.9	4.1	4.2	4.3	4.3	4.4	4.4	4.6	4.7	4.8	5.1	5.3
<b>Oklahoma</b>													
Civilian labor force .....	1,653.2	1,657.7	1,656.1	1,656.4	1,664.1	1,666.0	1,668.6	1,671.1	1,676.6	1,683.2	1,686.9	1,691.0	1,698.2
Employed .....	1,597.4	1,598.8	1,600.1	1,599.7	1,601.5	1,601.2	1,601.9	1,603.8	1,605.2	1,608.4	1,608.4	1,619.2	1,627.4
Unemployed .....	55.8	58.9	55.9	56.7	62.6	64.8	66.7	67.3	71.4	74.8	78.5	71.7	70.8
Unemployment rate .....	3.4	3.6	3.4	3.4	3.8	3.9	4.0	4.0	4.3	4.4	4.7	4.2	4.2
<b>Oregon</b>													
Civilian labor force .....	1,796.2	1,790.9	1,791.9	1,793.6	1,795.8	1,793.3	1,796.8	1,796.4	1,798.8	1,788.1	1,780.7	1,804.2	1,805.0
Employed .....	1,701.9	1,693.5	1,688.4	1,686.6	1,686.0	1,678.1	1,677.3	1,671.8	1,669.5	1,649.6	1,641.7	1,658.9	1,659.1
Unemployed .....	94.3	97.4	103.5	107.1	109.8	115.2	119.5	124.6	129.3	138.5	139.0	145.3	145.8
Unemployment rate .....	5.2	5.4	5.8	6.0	6.1	6.4	6.7	6.9	7.2	7.7	7.8	8.1	8.1
<b>Pennsylvania</b>													
Civilian labor force .....	6,047.8	6,056.2	6,061.5	6,073.2	6,085.5	6,086.9	6,083.7	6,087.0	6,088.8	6,086.1	6,078.3	6,110.5	6,087.9
Employed .....	5,778.1	5,783.6	5,784.0	5,790.9	5,797.8	5,797.3	5,791.8	5,796.9	5,787.1	5,779.3	5,769.4	5,769.8	5,749.4
Unemployed .....	269.8	272.6	277.6	282.3	287.7	289.6	291.9	290.1	301.8	306.7	308.9	340.6	338.6
Unemployment rate .....	4.5	4.5	4.6	4.6	4.7	4.8	4.8	4.8	5.0	5.0	5.1	5.6	5.6
<b>Rhode Island</b>													
Civilian labor force .....	504.9	504.9	505.4	503.7	505.5	503.2	502.2	502.5	502.9	502.0	501.8	507.7	508.8
Employed .....	482.5	481.2	481.6	479.8	480.5	478.3	478.7	479.7	479.0	477.4	476.7	482.4	487.5
Unemployed .....	22.4	23.7	23.8	23.9	24.9	24.9	23.5	22.8	23.9	24.6	25.1	25.3	21.4
Unemployment rate .....	4.4	4.7	4.7	4.7	4.9	4.9	4.7	4.5	4.8	4.9	5.0	5.0	4.2
<b>South Carolina</b>													
Civilian labor force .....	1,962.4	1,958.4	1,952.8	1,949.0	1,943.0	1,944.7	1,943.0	1,944.0	1,944.6	1,942.2	1,941.2	2,001.7	1,996.8
Employed .....	1,869.2	1,858.7	1,851.5	1,845.0	1,837.1	1,836.1	1,832.5	1,832.2	1,830.3	1,826.7	1,823.3	1,893.3	1,886.3
Unemployed .....	93.1	99.8	101.3	103.9	105.9	108.5	110.4	111.7	114.3	115.5	118.0	108.4	110.5
Unemployment rate .....	4.7	5.1	5.2	5.3	5.5	5.6	5.7	5.7	5.9	5.9	6.1	5.4	5.5
<b>South Dakota</b>													
Civilian labor force .....	403.4	404.1	404.4	404.8	405.0	405.8	405.5	405.7	406.5	406.2	407.2	409.6	411.1
Employed .....	391.9	392.1	391.4	391.7	391.5	391.8	391.6	391.4	391.4	391.4	391.1	396.7	398.1
Unemployed .....	11.5	12.0	13.0	13.1	13.5	13.9	13.9	14.3	15.2	14.8	16.2	13.0	13.0
Unemployment rate .....	2.8	3.0	3.2	3.2	3.3	3.4	3.4	3.5	3.7	3.6	4.0	3.2	3.2

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	2001											2002	
	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb. <sup>P</sup>
<b>Tennessee</b>													
Civilian labor force .....	2,807.6	2,807.3	2,810.2	2,811.5	2,810.5	2,817.8	2,816.3	2,821.8	2,830.5	2,833.4	2,839.3	2,896.0	2,897.7
Employed .....	2,690.9	2,690.2	2,688.8	2,687.9	2,685.9	2,690.6	2,692.0	2,693.4	2,696.2	2,696.4	2,697.1	2,738.4	2,742.2
Unemployed .....	116.7	117.1	121.5	123.6	124.5	127.2	124.3	128.4	134.4	137.0	142.2	157.6	155.4
Unemployment rate .....	4.2	4.2	4.3	4.4	4.4	4.5	4.4	4.6	4.7	4.8	5.0	5.4	5.4
<b>Texas</b>													
Civilian labor force .....	10,390.7	10,412.9	10,427.8	10,445.2	10,466.3	10,469.5	10,492.7	10,488.4	10,512.9	10,538.7	10,541.9	10,659.2	10,640.1
Employed .....	9,959.6	9,964.5	9,962.3	9,959.9	9,966.3	9,948.6	9,961.0	9,950.7	9,949.9	9,949.6	9,937.5	10,048.5	10,028.3
Unemployed .....	431.1	448.4	465.5	485.3	500.0	520.9	531.7	537.7	563.1	589.1	604.4	610.7	611.8
Unemployment rate .....	4.1	4.3	4.5	4.6	4.8	5.0	5.1	5.1	5.4	5.6	5.7	5.7	5.7
<b>Utah</b>													
Civilian labor force .....	1,112.6	1,114.9	1,113.0	1,113.1	1,112.2	1,113.8	1,113.9	1,115.5	1,119.2	1,122.8	1,128.1	1,145.9	1,153.2
Employed .....	1,070.7	1,069.7	1,067.8	1,067.0	1,066.3	1,065.9	1,065.3	1,064.3	1,065.6	1,063.9	1,062.0	1,086.6	1,091.5
Unemployed .....	41.9	45.1	45.3	46.1	46.0	47.9	48.7	51.2	53.6	58.9	66.1	59.3	61.7
Unemployment rate .....	3.8	4.0	4.1	4.1	4.1	4.3	4.4	4.6	4.8	5.2	5.9	5.2	5.3
<b>Vermont</b>													
Civilian labor force .....	333.8	333.7	334.2	334.2	334.7	334.4	334.7	335.0	335.9	336.3	336.5	345.3	345.5
Employed .....	323.0	322.6	322.9	322.7	323.0	322.4	322.3	322.3	322.8	322.3	321.9	332.8	333.4
Unemployed .....	10.8	11.1	11.4	11.6	11.7	12.0	12.4	12.7	13.1	14.0	14.6	12.6	12.1
Unemployment rate .....	3.2	3.3	3.4	3.5	3.5	3.6	3.7	3.8	3.9	4.2	4.3	3.6	3.5
<b>Virginia</b>													
Civilian labor force .....	3,651.1	3,656.7	3,655.5	3,666.7	3,670.9	3,679.3	3,681.1	3,689.4	3,700.3	3,706.8	3,707.3	3,766.6	3,772.9
Employed .....	3,555.7	3,555.6	3,547.0	3,547.6	3,548.6	3,546.4	3,546.6	3,547.3	3,544.8	3,541.8	3,539.8	3,609.6	3,618.7
Unemployed .....	95.4	101.1	108.6	119.1	122.4	132.9	134.5	142.1	155.5	165.1	167.6	157.0	154.2
Unemployment rate .....	2.6	2.8	3.0	3.2	3.3	3.6	3.7	3.9	4.2	4.5	4.5	4.2	4.1
<b>Washington</b>													
Civilian labor force .....	3,015.7	3,015.2	3,010.8	3,002.9	2,997.5	2,991.7	2,983.9	2,977.9	2,981.3	2,980.2	2,972.7	3,019.9	3,038.8
Employed .....	2,841.4	2,836.0	2,828.9	2,818.6	2,809.0	2,801.9	2,791.1	2,779.9	2,774.2	2,764.1	2,751.4	2,790.8	2,826.2
Unemployed .....	174.3	179.2	182.0	184.3	188.5	189.8	192.9	198.0	207.2	216.0	221.3	229.2	212.6
Unemployment rate .....	5.8	5.9	6.0	6.1	6.3	6.3	6.5	6.6	6.9	7.2	7.4	7.6	7.0
<b>West Virginia</b>													
Civilian labor force .....	832.4	832.8	834.4	833.6	835.4	832.9	836.1	833.4	831.7	833.8	832.5	814.2	817.3
Employed .....	789.9	790.8	791.6	791.1	793.5	791.7	795.7	794.0	793.4	795.4	794.4	772.1	771.7
Unemployed .....	42.5	42.0	42.8	42.5	41.9	41.3	40.4	39.4	38.3	38.5	38.1	42.0	45.6
Unemployment rate .....	5.1	5.0	5.1	5.1	5.0	5.0	4.8	4.7	4.6	4.6	4.6	5.2	5.6
<b>Wisconsin</b>													
Civilian labor force .....	2,986.4	2,986.6	2,988.3	2,987.6	2,988.0	2,991.8	2,992.0	2,991.3	2,999.8	3,001.5	3,001.1	3,067.3	3,079.0
Employed .....	2,854.2	2,854.2	2,852.8	2,855.4	2,851.3	2,854.5	2,855.9	2,856.9	2,857.5	2,855.4	2,853.9	2,909.2	2,901.2
Unemployed .....	132.2	132.5	135.5	132.2	136.7	137.3	136.1	134.5	142.3	146.0	147.2	158.0	177.7
Unemployment rate .....	4.4	4.4	4.5	4.4	4.6	4.6	4.5	4.5	4.7	4.9	4.9	5.2	5.8
<b>Wyoming</b>													
Civilian labor force .....	269.2	269.8	270.1	270.6	271.9	271.8	272.2	272.4	272.7	272.9	273.0	270.8	270.7
Employed .....	259.4	259.7	259.6	260.0	261.1	260.9	261.4	261.3	261.6	261.8	261.5	260.4	260.9
Unemployed .....	9.8	10.1	10.4	10.6	10.8	10.9	10.9	11.1	11.0	11.2	11.5	10.4	9.8
Unemployment rate .....	3.6	3.7	3.9	3.9	4.0	4.0	4.0	4.1	4.0	4.1	4.2	3.9	3.6
<b>Puerto Rico</b>													
Civilian labor force .....	1,292.1	1,280.9	1,292.9	1,290.4	1,292.1	1,275.7	1,306.8	1,312.9	1,311.0	1,317.8	1,310.7	1,323.1	1,370.1
Employed .....	1,147.2	1,140.8	1,144.3	1,140.8	1,145.8	1,137.7	1,149.7	1,153.9	1,154.3	1,164.8	1,164.5	1,176.3	1,185.5
Unemployed .....	144.9	140.1	148.6	149.5	146.3	138.0	157.1	159.0	156.6	153.0	146.3	146.8	184.6
Unemployment rate .....	11.2	10.9	11.5	11.6	11.3	10.8	12.0	12.1	11.9	11.6	11.2	11.1	13.5

<sup>1</sup> Not available.

<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.

**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			
	January		February		January		February		January		February	
	2001	2002	2001	2002 <sup>P</sup>	2001	2002	2001	2002 <sup>P</sup>	2001	2002	2001	2002 <sup>P</sup>
<b>Alabama</b> .....	2,135.2	2,146.6	2,139.9	2,154.1	108.4	116.7	109.6	121.7	5.1	5.4	5.1	5.6
Anniston .....	52.6	52.0	52.6	52.0	2.7	3.0	2.8	3.0	5.1	5.7	5.4	5.8
Auburn-Opelika .....	50.1	50.1	50.6	51.1	1.6	1.8	1.6	2.1	3.2	3.7	3.1	4.0
Birmingham .....	472.4	478.4	474.6	480.9	13.9	17.6	14.8	19.6	3.0	3.7	3.1	4.1
Decatur .....	75.3	72.9	74.0	72.8	4.8	4.9	3.8	5.3	6.4	6.8	5.1	7.3
Dothan .....	66.4	66.9	66.0	66.8	3.2	3.0	3.0	3.1	4.8	4.5	4.6	4.6
Florence .....	67.5	65.6	66.7	65.9	5.7	6.3	5.1	7.0	8.5	9.7	7.6	10.6
Gadsden .....	48.7	47.1	49.3	47.3	4.5	2.9	4.7	2.8	9.3	6.1	9.6	5.9
Huntsville .....	175.2	178.5	177.2	179.2	6.6	7.2	6.1	7.4	3.8	4.0	3.4	4.1
Mobile .....	269.1	271.5	269.8	273.5	13.1	15.2	13.2	15.7	4.9	5.6	4.9	5.7
Montgomery .....	162.1	165.2	163.1	166.1	5.6	6.5	5.7	6.9	3.5	3.9	3.5	4.2
Tuscaloosa .....	83.8	83.6	85.0	83.7	2.3	2.9	2.4	2.7	2.7	3.4	2.8	3.2
<b>Alaska</b> .....	317.1	322.7	317.0	322.9	26.4	24.3	25.7	23.7	8.3	7.5	8.1	7.3
Anchorage .....	146.2	148.8	143.9	146.7	7.8	7.2	7.7	7.2	5.4	4.8	5.3	4.9
<b>Arizona</b> .....	2,344.5	2,453.7	2,361.4	2,461.2	85.4	138.2	85.5	139.4	3.6	5.6	3.6	5.7
Flagstaff .....	61.1	65.2	62.3	64.9	4.2	4.1	4.1	4.0	6.9	6.2	6.6	6.2
Phoenix-Mesa .....	1,568.2	1,649.0	1,581.7	1,652.9	42.4	89.7	43.8	90.5	2.7	5.4	2.8	5.5
Tucson .....	382.3	400.9	386.6	403.2	11.3	18.3	11.4	19.1	2.9	4.6	3.0	4.7
Yuma .....	62.1	58.0	59.7	58.4	10.3	7.9	9.3	7.0	16.6	13.6	15.5	12.0
<b>Arkansas</b> .....	1,208.2	1,247.6	1,215.0	1,260.5	70.8	74.2	68.8	71.5	5.9	5.9	5.7	5.7
Fayetteville-Springdale-Rogers .....	146.9	156.6	148.7	159.7	3.7	4.1	3.5	4.1	2.5	2.6	2.3	2.6
Fort Smith .....	95.2	98.8	96.6	98.9	4.0	4.8	4.9	4.4	4.2	4.9	5.1	4.5
Jonesboro .....	42.1	43.4	42.0	43.3	2.1	2.3	2.0	2.2	4.9	5.4	4.7	5.2
Little Rock-North Little Rock .....	293.7	303.6	294.5	306.1	12.1	13.7	11.2	13.7	4.1	4.5	3.8	4.5
Pine Bluff .....	35.6	36.4	35.6	36.7	3.5	3.1	3.2	2.9	9.8	8.4	9.0	7.9
<b>California</b> .....	17,152.0	17,457.3	17,187.8	17,515.1	889.5	1,195.5	871.9	1,125.6	5.2	6.8	5.1	6.4
Bakersfield .....	286.6	291.4	284.2	288.5	35.5	36.8	36.1	36.8	12.4	12.6	12.7	12.7
Chico-Paradise .....	87.0	87.4	88.1	89.2	7.5	8.0	7.1	7.3	8.6	9.2	8.0	8.2
Fresno .....	435.6	436.0	433.8	432.9	70.6	69.9	71.4	68.1	16.2	16.0	16.5	15.7
Los Angeles-Long Beach .....	4,800.7	4,883.4	4,841.6	4,935.8	254.9	331.9	243.1	314.3	5.3	6.8	5.0	6.4
Merced .....	83.1	83.3	83.3	83.8	14.9	15.1	15.3	15.3	17.9	18.2	18.4	18.2
Modesto .....	202.1	211.7	204.0	211.5	23.7	26.5	24.4	26.0	11.7	12.5	12.0	12.3
Oakland .....	1,253.9	1,284.0	1,252.6	1,283.7	35.5	74.8	35.2	70.0	2.8	5.8	2.8	5.5
Orange County .....	1,522.5	1,555.7	1,525.9	1,563.8	37.1	61.2	37.7	57.0	2.4	3.9	2.5	3.6
Redding .....	76.3	79.0	75.0	77.4	6.4	7.3	6.2	6.7	8.4	9.2	8.3	8.6
Riverside-San Bernardino .....	1,546.5	1,602.8	1,538.2	1,605.2	74.3	89.1	73.3	84.2	4.8	5.6	4.8	5.2
Sacramento .....	820.6	842.6	818.7	840.4	34.3	44.7	33.0	41.0	4.2	5.3	4.0	4.9
Salinas .....	191.0	192.3	191.2	192.2	30.3	31.4	29.0	29.8	15.8	16.3	15.1	15.5
San Diego .....	1,409.9	1,450.4	1,411.5	1,456.5	40.3	59.3	38.9	54.1	2.9	4.1	2.8	3.7
San Francisco .....	981.7	977.1	982.0	972.5	23.7	55.3	24.6	50.4	2.4	5.7	2.5	5.2
San Jose .....	1,024.0	1,001.7	1,022.2	998.7	17.4	77.3	18.7	72.5	1.7	7.7	1.8	7.3
San Luis Obispo-Atascadero-Paso Robles .....	114.9	118.7	116.9	119.6	3.8	4.0	3.7	3.7	3.3	3.4	3.1	3.1
Santa Barbara-Santa Maria-Lompoc .....	199.2	200.1	200.1	201.4	8.7	9.5	8.4	8.9	4.3	4.8	4.2	4.4
Santa Cruz-Watsonville .....	139.8	142.1	141.5	144.0	11.7	14.7	11.7	14.1	8.4	10.4	8.2	9.8
Santa Rosa .....	258.3	261.7	260.0	264.1	7.1	11.7	6.7	11.2	2.7	4.5	2.6	4.3
Stockton-Lodi .....	258.0	267.1	257.8	267.2	26.6	30.7	26.1	29.5	10.3	11.5	10.1	11.0
Vallejo-Fairfield-Napa .....	259.4	266.7	260.5	268.3	10.7	14.6	10.0	13.0	4.1	5.5	3.8	4.9
Ventura .....	412.7	422.4	412.2	423.9	18.9	23.3	16.6	19.8	4.6	5.5	4.0	4.7
Visalia-Tulare-Porterville .....	169.5	169.9	169.0	168.4	30.0	31.0	30.9	30.0	17.7	18.3	18.3	17.8
Yolo .....	91.8	93.3	91.6	93.2	5.5	5.9	5.0	5.5	6.0	6.3	5.5	5.9
Yuba City .....	57.3	57.4	58.0	58.0	8.3	8.9	9.0	9.0	14.6	15.4	15.5	15.6
<b>Colorado</b> .....	2,244.8	2,347.1	2,242.7	2,349.0	66.4	139.0	65.9	137.3	3.0	5.9	2.9	5.8
Boulder-Longmont .....	185.8	193.6	187.4	196.2	4.4	11.0	4.5	10.9	2.4	5.7	2.4	5.5
Colorado Springs .....	257.7	272.7	256.7	272.1	8.3	18.3	8.5	18.0	3.2	6.7	3.3	6.6
Denver .....	1,134.7	1,167.4	1,131.3	1,167.6	28.1	69.6	28.3	68.5	2.5	6.0	2.5	5.9
Fort Collins-Loveland .....	137.8	149.0	140.8	152.4	4.4	8.0	4.3	8.0	3.2	5.4	3.0	5.3
Grand Junction .....	56.3	59.4	55.7	59.2	2.6	3.5	2.4	3.4	4.7	5.9	4.2	5.7
Greeley .....	84.1	92.4	84.9	92.7	3.3	5.8	3.2	5.9	3.9	6.3	3.8	6.3
Pueblo .....	56.6	60.2	56.8	60.3	2.7	4.9	2.7	4.7	4.7	8.1	4.7	7.7
<b>Connecticut</b> .....	1,714.8	1,692.0	1,706.2	1,690.1	50.8	68.2	53.9	69.3	3.0	4.0	3.2	4.1
Bridgeport .....	216.1	211.8	215.2	211.2	7.5	10.9	8.2	11.1	3.5	5.1	3.8	5.3
Danbury .....	108.6	106.3	107.7	106.3	2.2	3.4	2.5	3.6	2.1	3.2	2.3	3.3
Hartford .....	589.1	575.9	588.2	577.7	18.4	23.7	19.1	24.2	3.1	4.1	3.2	4.2
New Haven-Meriden .....	275.3	273.2	274.6	273.9	8.3	10.1	8.7	10.0	3.0	3.7	3.2	3.7
New London-Norwich .....	151.8	153.0	150.6	152.1	4.3	5.2	4.6	5.1	2.9	3.4	3.1	3.3
Stamford-Norwalk .....	192.6	189.9	189.7	187.8	3.7	5.7	4.1	5.9	1.9	3.0	2.2	3.1
Waterbury .....	113.5	113.7	113.1	113.7	4.4	6.5	4.9	6.6	3.9	5.7	4.3	5.8
<b>Delaware</b> .....	415.9	415.2	417.5	418.2	20.2	18.5	19.1	17.2	4.8	4.4	4.6	4.1
Dover .....	71.8	72.4	72.0	73.0	3.2	3.0	3.2	3.0	4.5	4.2	4.5	4.1
Wilmington-Newark .....	315.6	311.0	316.2	313.2	17.5	14.7	15.9	13.1	5.5	4.7	5.0	4.2

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			
	January		February		January		February		January		February	
	2001	2002	2001	2002P	2001	2002	2001	2002P	2001	2002	2001	2002P
<b>District of Columbia</b> .....	275.6	271.9	275.6	271.3	18.0	18.8	18.5	19.7	6.5	6.9	6.7	7.2
Washington .....	2,692.9	2,747.2	2,701.1	2,759.0	64.7	106.9	70.2	104.4	2.4	3.9	2.6	3.8
<b>Florida</b> .....	7,464.6	7,692.7	7,517.7	7,684.3	311.8	438.5	289.2	391.2	4.2	5.7	3.8	5.1
Daytona Beach .....	190.4	193.7	193.2	193.7	7.4	11.4	6.9	9.9	3.9	5.9	3.5	5.1
Fort Lauderdale .....	787.8	815.1	795.0	815.3	32.5	50.7	31.2	46.4	4.1	6.2	3.9	5.7
Fort Myers-Cape Coral .....	186.9	194.0	189.0	194.0	5.2	7.4	4.9	6.7	2.8	3.8	2.6	3.5
Fort Pierce-Port St. Lucie .....	129.0	131.1	128.8	130.5	8.2	8.6	7.0	7.4	6.3	6.6	5.5	5.7
Fort Walton Beach .....	79.8	82.1	80.5	82.5	3.2	3.5	2.9	3.0	4.0	4.3	3.6	3.7
Gainesville .....	105.7	105.4	107.6	106.8	2.3	2.9	2.4	2.5	2.2	2.8	2.2	2.4
Jacksonville .....	546.2	568.5	551.3	568.2	20.9	30.0	19.7	27.2	3.8	5.3	3.6	4.8
Lakeland-Winter Haven .....	201.9	204.8	202.4	202.7	10.3	11.9	9.5	10.5	5.1	5.8	4.7	5.2
Melbourne-Titusville-Palm Bay .....	206.9	211.7	207.7	210.6	7.8	11.9	7.0	10.5	3.8	5.6	3.4	5.0
Miami .....	1,056.4	1,093.5	1,057.6	1,089.0	65.7	89.4	60.9	81.3	6.2	8.2	5.8	7.5
Naples .....	105.1	113.7	105.9	113.8	3.1	4.0	2.7	3.3	2.9	3.5	2.6	2.9
Ocala .....	97.1	98.6	97.5	97.9	4.7	5.4	4.7	4.8	4.8	5.4	4.9	4.9
Orlando .....	882.2	907.9	889.1	905.8	27.0	55.0	25.4	47.9	3.1	6.1	2.9	5.3
Panama City .....	63.3	64.2	63.1	64.1	5.7	5.4	4.4	4.3	9.0	8.5	7.0	6.7
Pensacola .....	167.2	168.9	168.0	168.0	8.8	8.2	8.5	7.1	5.2	4.8	5.0	4.2
Punta Gorda .....	50.2	54.4	50.4	54.1	1.7	2.2	1.4	1.8	3.4	4.0	2.8	3.2
Sarasota-Bradenton .....	277.0	289.8	280.6	290.4	8.1	10.2	7.1	8.5	2.9	3.5	2.5	2.9
Tallahassee .....	146.4	149.8	149.0	151.2	4.3	5.2	4.0	4.8	3.0	3.4	2.7	3.2
Tampa-St. Petersburg-Clearwater .....	1,232.7	1,263.3	1,246.4	1,264.6	39.1	58.9	37.4	53.1	3.2	4.7	3.0	4.2
West Palm Beach-Boca Raton .....	527.4	543.0	528.8	542.6	23.6	31.6	21.9	28.6	4.5	5.8	4.1	5.3
<b>Georgia</b> .....	4,115.5	4,152.7	4,137.3	4,161.6	143.7	182.2	153.6	184.0	3.5	4.4	3.7	4.4
Albany .....	54.3	53.8	54.2	53.5	2.8	2.8	3.1	2.6	5.2	5.1	5.8	4.9
Athens .....	72.6	74.4	72.9	74.4	2.0	2.1	2.2	2.1	2.7	2.8	3.0	2.8
Atlanta .....	2,267.3	2,294.6	2,289.0	2,304.7	64.8	101.0	71.8	104.7	2.9	4.4	3.1	4.5
Augusta-Aiken .....	206.5	208.9	207.1	208.4	8.4	9.4	8.6	9.6	4.1	4.5	4.2	4.6
Columbus .....	122.1	125.6	123.1	126.2	4.9	5.9	5.3	5.5	4.0	4.7	4.3	4.3
Macon .....	141.7	146.2	142.1	145.5	5.1	5.1	5.3	5.1	3.6	3.5	3.7	3.5
Savannah .....	133.7	138.8	134.4	138.4	4.0	4.5	4.1	4.6	3.0	3.2	3.0	3.3
<b>Hawaii</b> .....	598.4	607.1	601.0	603.3	24.6	28.9	24.9	28.6	4.1	4.8	4.1	4.7
Honolulu .....	423.4	429.8	427.4	428.9	14.9	19.1	15.3	19.0	3.5	4.4	3.6	4.4
<b>Idaho</b> .....	656.5	679.9	661.2	683.7	37.9	46.1	39.6	47.3	5.8	6.8	6.0	6.9
Boise City .....	239.0	249.3	241.8	251.8	8.7	14.1	9.1	14.6	3.6	5.6	3.8	5.8
Pocatello .....	40.4	41.5	41.0	41.9	2.1	2.9	2.1	2.8	5.3	7.1	5.2	6.7
<b>Illinois</b> .....	6,293.0	6,296.7	6,311.5	6,321.5	352.0	419.7	352.7	403.6	5.6	6.7	5.6	6.4
Bloomington-Normal .....	90.5	91.5	91.8	93.7	3.1	2.8	2.9	2.7	3.4	3.0	3.2	2.9
Champaign-Urbana .....	94.9	96.9	99.1	100.9	3.4	3.3	3.2	3.3	3.6	3.4	3.2	3.2
Chicago .....	4,207.7	4,219.4	4,210.5	4,232.4	216.1	281.7	220.4	275.1	5.1	6.7	5.2	6.5
Davenport-Moline-Rock Island .....	183.5	185.2	183.6	184.3	9.8	11.6	10.3	10.0	5.3	6.3	5.6	5.4
Decatur .....	57.6	57.4	57.6	57.7	4.1	4.8	3.9	4.4	7.2	8.4	6.8	7.7
Kankakee .....	51.7	52.3	51.9	52.3	3.6	4.0	3.6	3.8	7.0	7.7	7.0	7.3
Peoria-Pekin .....	181.9	180.2	182.0	182.1	10.3	10.0	9.7	10.0	5.7	5.5	5.3	5.5
Rockford .....	196.7	197.1	198.0	197.0	12.4	16.2	13.2	15.6	6.3	8.2	6.7	7.9
Springfield .....	104.6	104.7	105.1	105.0	5.3	5.0	4.9	4.7	5.0	4.8	4.7	4.5
<b>Indiana</b> .....	3,052.8	3,095.1	3,052.4	3,111.1	134.5	170.7	128.0	175.9	4.4	5.5	4.2	5.7
Bloomington .....	62.4	62.0	62.6	62.4	2.6	2.4	1.8	2.3	4.2	3.8	2.8	3.7
Elkhart-Goshen .....	92.6	93.4	93.3	94.3	5.1	6.2	4.3	5.2	5.5	6.6	4.6	5.6
Evansville-Henderson .....	156.2	157.9	156.8	158.0	6.0	7.0	6.2	7.1	3.9	4.4	3.9	4.5
Fort Wayne .....	258.7	261.3	259.0	262.5	11.5	14.1	12.1	15.3	4.4	5.4	4.7	5.8
Gary .....	289.8	292.6	289.3	294.1	13.9	21.4	14.1	22.7	4.8	7.3	4.9	7.7
Indianapolis .....	848.1	868.6	846.5	874.9	25.3	37.4	24.9	39.8	3.0	4.3	2.9	4.5
Kokomo .....	50.0	48.9	49.9	49.3	4.7	3.1	2.5	3.3	9.5	6.3	5.0	6.6
Lafayette .....	87.6	91.9	88.9	94.4	2.6	3.7	2.6	4.0	2.9	4.0	2.9	4.3
Muncie .....	58.8	60.6	60.0	61.7	2.9	3.4	3.6	3.6	4.9	5.6	6.1	5.8
South Bend .....	133.1	133.6	133.0	134.4	5.5	7.4	5.6	7.4	4.1	5.6	4.2	5.5
Terre Haute .....	69.8	70.7	69.2	70.4	4.7	4.5	4.4	4.9	6.7	6.3	6.3	6.9
<b>Iowa</b> .....	1,566.3	1,592.4	1,565.7	1,596.3	60.5	69.4	59.3	67.6	3.9	4.4	3.8	4.2
Cedar Rapids .....	114.6	114.1	112.8	114.4	3.0	4.8	2.9	4.7	2.6	4.2	2.6	4.1
Des Moines .....	258.6	262.2	255.3	262.9	7.3	9.2	7.4	9.0	2.8	3.5	2.9	3.4
Dubuque .....	48.2	48.8	48.0	48.6	2.5	2.3	2.5	2.2	5.2	4.7	5.3	4.6
Iowa City .....	69.9	72.2	69.6	72.6	1.7	2.0	1.6	2.0	2.5	2.8	2.4	2.7
Sioux City .....	63.1	63.7	62.9	63.5	2.3	2.5	2.2	2.4	3.6	4.0	3.5	3.9
Waterloo-Cedar Falls .....	67.7	67.2	67.0	67.7	2.7	3.1	2.6	3.1	4.0	4.6	3.9	4.6

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			
	January		February		January		February		January		February	
	2001	2002	2001	2002 <sup>P</sup>	2001	2002	2001	2002 <sup>P</sup>	2001	2002	2001	2002 <sup>P</sup>
<b>Kansas</b> .....	1,382.1	1,435.1	1,377.1	1,434.5	65.2	70.3	63.4	67.6	4.7	4.9	4.6	4.7
Lawrence .....	56.2	58.6	56.1	58.1	2.5	2.6	2.5	2.6	4.5	4.4	4.5	4.5
Topeka .....	88.8	90.7	89.0	91.2	4.2	3.7	4.2	3.7	4.7	4.0	4.7	4.1
Wichita .....	280.5	288.6	278.8	289.1	12.1	14.8	11.6	16.3	4.3	5.1	4.2	5.6
<b>Kentucky</b> .....	1,957.2	1,978.9	1,951.3	1,970.5	110.5	127.0	111.6	118.3	5.6	6.4	5.7	6.0
Lexington .....	256.7	264.5	258.0	264.1	7.2	11.3	7.5	10.6	2.8	4.3	2.9	4.0
Louisville .....	561.2	569.7	558.4	568.6	22.2	30.7	22.3	30.0	4.0	5.4	4.0	5.3
Owensboro .....	49.3	50.3	48.9	50.0	3.0	3.1	3.0	2.9	6.1	6.1	6.2	5.7
<b>Louisiana</b> .....	2,019.5	2,007.4	2,011.4	2,010.4	141.3	139.4	119.2	121.0	7.0	6.9	5.9	6.0
Alexandria .....	58.9	58.6	58.9	58.5	4.1	3.9	3.6	3.2	6.9	6.6	6.2	5.5
Baton Rouge .....	302.3	303.5	302.7	305.3	18.2	17.9	15.6	15.5	6.0	5.9	5.1	5.1
Houma .....	91.5	92.0	91.4	93.0	4.4	4.1	3.9	3.8	4.8	4.4	4.3	4.1
Lafayette .....	174.4	176.3	175.4	176.8	10.3	11.1	9.3	9.7	5.9	6.3	5.3	5.5
Lake Charles .....	89.5	88.7	88.3	88.3	6.2	5.1	5.1	4.3	6.9	5.7	5.7	4.9
Monroe .....	71.9	72.0	72.0	72.4	4.6	4.1	4.0	3.5	6.5	5.6	5.6	4.9
New Orleans .....	605.2	599.3	604.7	601.7	34.0	33.8	29.4	29.9	5.6	5.6	4.9	5.0
Shreveport-Bossier City .....	188.8	183.6	183.1	183.7	16.3	18.9	10.7	15.5	8.7	10.3	5.8	8.5
<b>Maine</b> .....	672.7	671.1	671.5	672.6	28.6	32.1	29.9	33.6	4.2	4.8	4.5	5.0
Bangor .....	52.3	51.8	53.4	52.9	1.8	1.6	1.7	1.7	3.4	3.2	3.1	3.3
Lewiston-Auburn .....	54.8	53.7	54.1	53.0	1.9	2.3	2.2	2.4	3.5	4.2	4.1	4.5
Portland .....	136.8	136.5	136.0	136.3	2.6	3.7	2.9	4.0	1.9	2.7	2.1	2.9
<b>Maryland</b> .....	2,788.4	2,867.0	2,798.1	2,880.2	115.9	145.4	117.2	141.0	4.2	5.1	4.2	4.9
Baltimore .....	1,308.2	1,350.2	1,310.0	1,357.6	59.7	74.0	58.5	72.0	4.6	5.5	4.5	5.3
Cumberland .....	45.9	44.5	46.1	44.7	4.8	4.1	4.5	3.9	10.5	9.2	9.8	8.7
Hagerstown .....	68.4	71.7	68.9	70.7	3.5	4.6	3.6	4.4	5.0	6.5	5.2	6.2
<b>Massachusetts</b> .....	3,230.0	3,331.7	3,232.9	3,329.6	107.9	166.4	104.3	155.7	3.3	5.0	3.2	4.7
Barnstable-Yarmouth .....	69.6	74.0	69.7	73.7	3.9	4.3	3.7	3.9	5.6	5.8	5.2	5.3
Boston .....	1,805.4	1,849.9	1,807.2	1,849.7	47.1	80.8	46.3	75.7	2.6	4.4	2.6	4.1
Brockton .....	127.3	132.1	127.9	132.4	4.8	6.7	4.8	6.3	3.8	5.1	3.7	4.8
Fitchburg-Leominster .....	66.0	68.5	65.8	68.3	2.7	4.5	2.9	4.3	4.2	6.5	4.4	6.3
Lawrence .....	213.1	220.4	212.6	218.8	8.9	15.7	8.6	14.6	4.2	7.1	4.1	6.7
Lowell .....	172.6	180.2	173.0	179.7	5.0	10.4	4.9	9.7	2.9	5.8	2.8	5.4
New Bedford .....	79.4	82.2	78.9	81.5	5.9	6.4	5.4	5.8	7.5	7.7	6.8	7.1
Pittsfield .....	37.4	38.7	37.2	38.4	1.8	2.0	1.7	1.9	4.7	5.2	4.7	5.1
Springfield .....	275.5	285.0	276.8	286.2	11.4	14.2	10.7	13.2	4.1	5.0	3.9	4.6
Worcester .....	246.9	258.2	247.1	258.4	8.2	13.7	8.0	13.2	3.3	5.3	3.2	5.1
<b>Michigan</b> .....	5,114.6	5,154.4	5,130.0	(1)	277.0	379.9	270.8	(1)	5.4	7.4	5.3	(1)
Ann Arbor .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Benton Harbor .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Detroit .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Flint .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Grand Rapids-Muskegon-Holland .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Jackson .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Kalamazoo-Battle Creek .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Lansing-East Lansing .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Saginaw-Bay City-Midland .....	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
<b>Minnesota</b> .....	2,745.5	2,810.8	2,757.3	2,810.5	116.1	137.9	110.7	132.3	4.2	4.9	4.0	4.7
Duluth-Superior .....	125.7	127.0	128.1	128.5	7.4	7.6	8.2	8.3	5.9	6.0	6.4	6.5
Minneapolis-St. Paul .....	1,736.2	1,769.6	1,748.4	1,770.8	53.1	76.4	51.9	74.5	3.1	4.3	3.0	4.2
Rochester .....	76.5	78.6	76.6	77.9	2.1	2.8	2.0	2.9	2.7	3.6	2.6	3.7
St. Cloud .....	99.7	101.2	100.8	102.4	5.7	5.4	5.3	5.1	5.7	5.3	5.3	5.0
<b>Mississippi</b> .....	1,298.1	1,313.1	1,303.0	1,311.9	69.8	91.9	68.5	84.7	5.4	7.0	5.3	6.5
Biloxi-Gulfport-Pascagoula .....	175.8	176.3	177.1	177.2	6.7	9.2	6.8	8.7	3.8	5.2	3.9	4.9
Hattiesburg .....	53.6	52.5	54.0	52.6	1.6	2.3	1.5	2.1	3.0	4.4	2.7	3.9
Jackson .....	234.8	228.9	236.6	230.1	8.0	10.3	8.4	9.6	3.4	4.5	3.5	4.2
<b>Missouri</b> .....	2,953.8	2,933.1	2,963.0	2,934.7	150.5	155.6	149.4	152.8	5.1	5.3	5.0	5.2
Columbia .....	86.8	85.4	86.8	85.4	1.5	1.8	1.5	1.7	1.8	2.1	1.7	2.0
Joplin .....	85.3	82.8	85.2	82.6	3.6	3.5	3.5	3.7	4.2	4.3	4.1	4.4
Kansas City .....	1,003.8	1,032.1	999.6	1,036.4	44.0	52.0	41.7	49.0	4.4	5.0	4.2	4.7
St. Joseph .....	52.2	51.3	52.6	51.2	2.5	3.1	2.8	3.1	4.9	6.0	5.4	6.1
St. Louis LMA .....	1,348.4	1,345.6	1,353.2	1,349.1	67.4	71.2	65.6	67.4	5.0	5.3	4.9	5.0
Springfield .....	172.2	174.0	173.1	176.4	6.5	7.1	6.3	7.1	3.7	4.1	3.6	4.0
<b>Montana</b> .....	464.8	466.2	464.6	469.3	26.4	24.7	26.8	26.1	5.7	5.3	5.8	5.6
Billings .....	71.5	72.5	71.8	74.6	2.6	2.8	2.9	3.1	3.7	3.8	4.1	4.2
Great Falls .....	37.0	37.5	37.2	37.4	2.0	1.8	2.1	1.9	5.4	4.7	5.8	5.0
Missoula .....	54.7	54.8	55.0	56.8	2.4	2.5	2.4	2.5	4.3	4.5	4.4	4.4

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			
	January		February		January		February		January		February	
	2001	2002	2001	2002P	2001	2002	2001	2002P	2001	2002	2001	2002P
<b>Nebraska</b> .....	914.6	943.1	918.7	948.2	31.2	36.2	31.7	36.1	3.4	3.8	3.4	3.8
Lincoln .....	143.2	144.6	144.7	147.0	4.1	5.2	4.1	5.2	2.9	3.6	2.9	3.6
Omaha .....	391.8	400.3	392.0	402.5	12.9	15.8	13.1	15.6	3.3	3.9	3.3	3.9
<b>Nevada</b> .....	1,000.1	1,044.4	1,008.7	1,050.0	48.9	70.9	48.0	66.2	4.9	6.8	4.8	6.3
Las Vegas .....	784.8	822.0	791.1	825.9	37.3	56.0	36.2	52.3	4.7	6.8	4.6	6.3
Reno .....	178.1	185.2	180.1	186.5	7.7	10.8	7.7	10.1	4.3	5.8	4.3	5.4
<b>New Hampshire</b> .....	685.1	704.4	684.6	702.1	23.1	31.4	23.1	28.8	3.4	4.5	3.4	4.1
Manchester .....	109.9	111.8	108.8	110.2	3.2	4.9	3.1	4.3	2.9	4.4	2.9	3.9
Nashua .....	107.1	111.1	107.1	110.7	3.6	6.3	3.6	5.8	3.4	5.7	3.4	5.3
Portsmouth-Rochester .....	128.2	133.9	128.5	133.5	3.9	5.3	3.8	4.6	3.1	3.9	3.0	3.4
<b>New Jersey</b> .....	4,130.8	4,226.7	4,134.7	4,244.7	166.9	222.7	157.2	233.6	4.0	5.3	3.8	5.5
Atlantic-Cape May .....	161.3	165.0	160.8	165.3	13.4	14.0	12.1	14.1	8.3	8.5	7.5	8.5
Bergen-Passaic .....	651.6	661.3	652.5	666.1	25.1	34.7	24.6	36.7	3.8	5.2	3.8	5.5
Jersey City .....	276.3	287.0	276.7	288.1	15.7	21.1	14.8	21.7	5.7	7.3	5.3	7.5
Middlesex-Somerset-Hunterdon .....	651.7	673.4	654.2	674.8	18.2	27.8	17.1	29.2	2.8	4.1	2.6	4.3
Monmouth-Ocean .....	512.6	533.1	512.8	533.3	20.5	27.3	19.2	28.3	4.0	5.1	3.7	5.3
Newark .....	1,012.3	1,025.6	1,012.6	1,033.3	38.8	55.3	36.9	58.1	3.8	5.4	3.6	5.6
Trenton .....	175.5	180.8	176.0	180.2	5.8	7.9	5.2	8.1	3.3	4.4	3.0	4.5
Vineland-Millville-Bridgeton .....	62.2	62.5	61.6	63.2	5.5	5.3	5.0	5.4	8.8	8.6	8.2	8.6
<b>New Mexico</b> .....	829.3	850.1	831.4	853.9	39.7	53.9	37.2	51.2	4.8	6.3	4.5	6.0
Albuquerque .....	368.4	378.9	369.9	381.5	10.8	19.6	10.1	18.9	2.9	5.2	2.7	4.9
Las Cruces .....	70.3	72.9	70.9	73.2	5.5	6.1	5.2	5.9	7.8	8.4	7.4	8.0
Santa Fe .....	73.5	74.6	74.1	75.6	1.7	2.4	1.6	2.1	2.3	3.2	2.2	2.8
<b>New York</b> .....	8,830.6	8,888.8	8,822.6	8,922.2	429.9	564.5	428.4	573.5	4.9	6.4	4.9	6.4
Albany-Schenectady-Troy .....	441.0	449.8	441.0	452.7	16.9	20.6	16.4	20.7	3.8	4.6	3.7	4.6
Binghamton .....	121.3	123.6	121.7	124.4	4.9	8.5	5.0	8.7	4.1	6.9	4.1	7.0
Buffalo-Niagara Falls .....	546.7	554.4	546.1	556.8	31.5	38.0	31.4	39.1	5.8	6.8	5.8	7.0
Dutchess County .....	119.9	121.6	120.0	122.9	4.0	5.4	3.8	5.8	3.3	4.5	3.2	4.7
Elmira .....	42.3	43.4	42.2	43.0	1.9	3.2	2.0	3.3	4.6	7.3	4.9	7.6
Glens Falls .....	56.9	57.3	55.9	57.0	3.4	4.0	3.4	4.1	6.0	7.0	6.0	7.2
Jamestown .....	63.0	63.9	63.5	64.7	3.7	4.7	3.9	4.9	5.8	7.3	6.1	7.6
Nassau-Suffolk .....	1,371.6	1,411.5	1,367.6	1,414.1	42.8	62.8	41.5	65.0	3.1	4.5	3.0	4.6
New York .....	4,177.3	4,142.4	4,178.1	4,155.2	220.8	291.6	222.9	293.3	5.3	7.0	5.3	7.1
New York City .....	3,543.5	3,496.8	3,546.4	3,508.6	200.9	263.9	203.1	264.9	5.7	7.5	5.7	7.6
Newburgh .....	174.5	177.8	173.2	177.5	6.5	8.9	6.7	9.2	3.7	5.0	3.9	5.2
Rochester .....	554.6	559.0	552.7	563.5	24.8	35.7	24.8	36.7	4.5	6.4	4.5	6.5
Syracuse .....	352.8	360.0	352.8	361.2	19.2	22.9	17.8	23.1	5.4	6.4	5.1	6.4
Utica-Rome .....	139.3	141.8	138.4	141.6	7.1	8.5	7.1	8.8	5.1	6.0	5.2	6.2
<b>North Carolina</b> .....	3,933.9	3,959.8	3,961.0	3,967.0	197.5	275.6	205.6	267.2	5.0	7.0	5.2	6.7
Asheville .....	111.4	110.2	111.3	110.9	5.0	5.2	4.5	5.2	4.5	4.8	4.1	4.7
Charlotte-Gastonia-Rock Hill .....	811.3	809.4	812.9	808.7	37.0	53.3	35.6	47.8	4.6	6.6	4.4	5.9
Fayetteville .....	120.2	117.8	120.5	118.2	6.2	7.8	6.7	7.6	5.1	6.7	5.6	6.4
Goldensboro .....	48.7	48.2	49.5	48.4	2.4	2.9	2.5	3.0	4.8	6.0	5.1	6.1
Greensboro-Winston-Salem-DH Point .....	643.2	640.0	646.4	641.8	25.2	38.5	27.4	39.2	3.9	6.0	4.2	6.1
Greenville .....	68.7	67.6	69.5	67.6	3.8	4.2	4.0	4.2	5.6	6.2	5.7	6.2
Hickory-Morganton-Lenoir .....	178.2	183.6	180.1	183.7	7.8	15.9	10.1	15.3	4.4	8.6	5.6	8.3
Jacksonville .....	47.8	48.3	48.3	48.3	2.2	2.7	2.4	2.7	4.7	5.7	5.1	5.5
Raleigh-Durham-Chapel Hill .....	624.5	656.8	631.3	661.0	14.3	30.9	16.0	31.0	2.3	4.7	2.5	4.7
Rocky Mount .....	66.2	66.7	66.9	66.7	4.4	6.7	4.7	6.9	6.7	10.0	7.1	10.3
Wilmington .....	114.5	115.1	115.1	115.1	6.1	8.1	5.4	7.5	5.3	7.1	4.7	6.6
<b>North Dakota</b> .....	329.6	330.1	331.7	331.6	12.4	13.5	11.6	11.6	3.8	4.1	3.5	3.5
Bismarck .....	52.6	53.1	52.8	53.7	1.9	2.0	1.7	1.7	3.6	3.7	3.2	3.1
Fargo-Moorhead .....	102.5	103.7	103.1	104.6	2.7	2.9	2.6	2.6	2.7	2.8	2.5	2.5
Grand Forks .....	51.5	51.8	52.7	52.2	2.1	2.1	2.0	2.0	4.2	4.1	3.9	3.9
<b>Ohio</b> .....	5,730.7	5,819.8	5,731.8	5,836.6	271.1	338.1	251.1	340.4	4.7	5.8	4.4	5.8
Akron .....	359.4	362.7	360.2	366.8	16.4	21.1	15.6	21.6	4.6	5.8	4.3	5.9
Canton-Massillon .....	200.5	206.4	200.5	207.5	9.4	11.5	9.2	12.2	4.7	5.6	4.6	5.9
Cincinnati .....	850.4	857.6	849.4	860.0	33.9	42.5	31.6	41.5	4.0	5.0	3.7	4.8
Cleveland-Lorain-Elyria .....	1,101.0	1,124.0	1,101.8	1,128.0	51.5	74.7	48.7	75.1	4.7	6.6	4.4	6.7
Columbus .....	856.9	871.2	858.7	872.3	23.5	34.4	22.5	36.4	2.7	4.0	2.6	4.2
Dayton-Springfield .....	474.2	479.2	473.5	480.2	24.5	26.1	19.5	26.3	5.2	5.4	4.1	5.5
Hamilton-Middletown .....	190.7	194.6	192.1	195.9	6.4	8.2	6.0	8.5	3.3	4.2	3.1	4.3
Lima .....	75.1	76.0	74.8	75.9	3.8	4.8	3.7	4.9	5.0	6.4	4.9	6.5
Mansfield .....	81.7	83.5	81.8	83.8	4.4	6.0	4.4	6.2	5.4	7.2	5.4	7.4
Steubenville-Weirton .....	53.6	54.3	54.4	54.6	3.4	3.2	2.7	3.2	6.3	6.0	5.1	5.9
Toledo .....	320.5	320.9	320.6	322.2	17.4	21.0	16.0	19.3	5.4	6.5	5.0	6.0
Youngstown-Warren .....	273.0	272.7	272.7	272.3	18.2	20.3	17.6	19.3	6.7	7.4	6.4	7.1

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			
	January		February		January		February		January		February	
	2001	2002	2001	2002 <sup>P</sup>	2001	2002	2001	2002 <sup>P</sup>	2001	2002	2001	2002 <sup>P</sup>
<b>Oklahoma</b> .....	1,622.2	1,667.7	1,638.2	1,681.8	54.4	77.6	62.3	77.3	3.4	4.7	3.8	4.6
Enid .....	25.7	25.8	25.8	25.9	0.7	0.8	0.8	0.7	2.5	3.1	3.2	2.8
Lawton .....	39.6	41.1	39.8	41.1	1.3	1.6	1.4	1.5	3.4	3.8	3.4	3.7
Oklahoma City .....	541.1	552.5	549.8	559.2	14.8	24.5	22.2	25.2	2.7	4.4	4.0	4.5
Tulsa .....	412.6	423.8	414.7	428.1	12.4	19.0	12.4	19.5	3.0	4.5	3.0	4.5
<b>Oregon</b> .....	1,781.7	1,783.4	1,781.3	1,790.1	104.8	161.9	114.0	165.6	5.9	9.1	6.4	9.3
Corvallis .....	39.3	39.3	40.4	39.8	1.2	1.6	1.2	1.7	2.9	4.1	3.0	4.3
Eugene-Springfield .....	165.4	164.7	165.9	165.0	10.7	13.7	11.3	14.0	6.4	8.3	6.8	8.5
Medford-Ashland .....	91.0	90.7	91.2	91.4	5.8	8.6	6.7	8.5	6.4	9.5	7.3	9.3
Portland-Vancouver .....	1,071.0	1,076.1	1,067.2	1,079.4	47.2	92.1	52.3	95.7	4.4	8.6	4.9	8.9
Salem .....	167.8	166.7	169.3	169.8	10.4	14.9	11.0	15.3	6.2	9.0	6.5	9.0
<b>Pennsylvania</b> .....	5,964.7	6,037.6	5,987.7	6,028.1	291.2	367.3	303.5	372.4	4.9	6.1	5.1	6.2
Allentown-Bethlehem-Easton .....	319.7	326.7	320.9	325.2	12.8	20.4	13.7	20.3	4.0	6.2	4.3	6.3
Altoona .....	62.5	62.6	62.9	62.5	3.8	4.4	4.3	4.6	6.1	7.1	6.9	7.4
Erie .....	138.7	141.0	139.5	141.8	8.4	11.4	8.7	12.0	6.0	8.1	6.2	8.4
Harrisburg-Lebanon-Carlisle .....	341.9	347.2	345.4	348.0	10.7	14.5	12.2	15.2	3.1	4.2	3.5	4.4
Johnstown .....	102.9	102.7	102.7	101.6	8.2	8.5	8.5	8.5	7.9	8.3	8.3	8.4
Lancaster .....	240.7	247.7	244.2	248.9	7.7	10.3	8.6	10.5	3.2	4.2	3.5	4.2
Philadelphia .....	2,494.0	2,531.8	2,497.0	2,525.3	103.4	132.1	105.6	138.5	4.1	5.2	4.2	5.5
Pittsburgh .....	1,158.5	1,162.4	1,159.8	1,161.6	55.7	67.5	55.7	67.8	4.8	5.8	4.8	5.8
Reading .....	183.0	187.8	183.4	188.0	8.4	12.2	8.9	12.9	4.6	6.5	4.9	6.8
Scranton-Wilkes-Barre-Hazleton .....	306.8	309.5	307.3	308.5	19.4	23.5	18.4	22.2	6.3	7.6	6.0	7.2
Sharon .....	57.1	56.8	57.7	57.0	3.4	3.5	3.4	3.4	6.0	6.2	6.0	6.0
State College .....	64.9	66.4	67.9	68.5	2.1	2.6	2.2	2.7	3.2	3.9	3.3	3.9
Williamsport .....	57.2	58.4	57.4	58.5	3.6	4.6	3.8	4.8	6.3	7.9	6.6	8.2
York .....	195.7	195.2	196.2	195.4	7.5	10.1	8.4	10.6	3.8	5.2	4.3	5.4
<b>Rhode Island</b> .....	499.2	502.7	501.7	505.6	25.6	29.5	28.4	27.4	5.1	5.9	5.7	5.4
Providence-Fall River-Warwick .....	571.0	577.5	573.3	580.4	29.9	34.9	32.0	32.6	5.2	6.0	5.6	5.6
<b>South Carolina</b> .....	1,929.4	1,965.4	1,943.7	1,978.3	94.9	115.7	98.1	115.6	4.9	5.9	5.0	5.8
Charleston-North Charleston .....	268.8	274.8	270.0	277.3	9.5	10.5	9.0	10.9	3.5	3.8	3.3	3.9
Columbia .....	271.1	273.5	272.7	275.6	8.5	9.1	7.8	9.1	3.1	3.3	2.9	3.3
Florence .....	62.6	62.7	62.5	63.0	3.8	3.9	3.6	3.9	6.1	6.2	5.7	6.2
Greenville-Spartanburg-Anderson .....	485.5	503.5	494.1	508.5	16.6	26.4	21.7	28.5	3.4	5.2	4.4	5.6
Myrtle Beach .....	99.2	101.0	99.8	102.1	7.3	7.2	5.8	6.0	7.4	7.1	5.8	5.9
Sumter .....	46.3	47.4	46.2	47.5	2.9	3.4	2.9	3.5	6.3	7.2	6.2	7.4
<b>South Dakota</b> .....	392.1	399.3	393.1	400.8	13.0	15.6	13.0	14.6	3.3	3.9	3.3	3.6
Rapid City .....	46.5	46.9	46.6	48.4	1.4	1.6	1.4	1.8	2.9	3.4	3.1	3.7
Sioux Falls .....	103.7	106.0	103.3	107.4	2.3	3.1	2.4	2.9	2.2	2.9	2.3	2.7
<b>Tennessee</b> .....	2,762.2	2,852.2	2,773.3	2,863.8	129.0	171.7	122.0	160.8	4.7	6.0	4.4	5.6
Chattanooga .....	228.5	235.9	229.8	236.1	6.6	9.1	6.5	8.2	2.9	3.9	2.8	3.5
Clarksville-Hopkinsville .....	87.5	91.5	88.1	92.0	4.4	5.5	4.3	5.0	5.0	6.0	4.9	5.5
Jackson .....	58.2	59.5	58.2	59.7	2.4	3.5	2.5	3.5	4.1	5.9	4.3	5.8
Johnson City-Kingsport-Bristol .....	219.4	227.5	220.9	229.4	10.3	13.4	9.5	13.4	4.7	5.9	4.3	5.8
Knoxville .....	350.5	365.5	351.6	364.7	14.2	17.7	13.6	16.0	4.0	4.8	3.9	4.4
Memphis .....	551.6	563.2	554.2	567.3	22.4	31.7	20.3	29.6	4.1	5.6	3.7	5.2
Nashville .....	652.2	674.7	657.7	678.7	20.9	28.2	20.8	27.4	3.2	4.2	3.2	4.0
<b>Texas</b> .....	10,290.5	10,577.4	10,294.9	10,545.0	443.8	639.4	428.1	606.9	4.3	6.0	4.2	5.8
Abilene .....	57.7	56.2	57.5	56.0	2.4	2.4	2.2	2.1	4.1	4.2	3.8	3.7
Amarillo .....	109.5	110.7	110.2	110.6	3.4	4.0	3.2	3.8	3.1	3.6	2.9	3.4
Austin-San Marcos .....	744.0	761.1	746.1	763.0	16.2	41.0	18.0	40.3	2.2	5.4	2.4	5.3
Beaumont-Port Arthur .....	178.8	177.9	177.5	176.6	13.6	13.9	12.5	12.6	7.6	7.8	7.0	7.1
Brazoria .....	104.7	109.6	104.7	109.6	6.2	6.9	5.6	6.6	6.0	6.3	5.3	6.0
Brownsville-Harlingen-San Benito .....	131.7	134.9	131.4	134.1	11.7	13.7	11.3	12.7	8.9	10.2	8.6	9.5
Bryan-College Station .....	74.0	75.8	78.2	78.7	1.2	1.3	1.2	1.2	1.7	1.7	1.5	1.5
Corpus Christi .....	173.7	175.1	173.9	174.0	9.9	10.4	9.2	9.3	5.7	6.0	5.3	5.3
Dallas .....	1,972.2	2,038.9	1,968.2	2,029.0	63.8	138.5	63.9	132.9	3.2	6.8	3.2	6.6
El Paso .....	283.8	284.3	281.8	283.1	23.1	23.8	22.1	23.7	8.1	8.4	7.8	8.4
Fort Worth-Arlington .....	909.7	942.4	912.1	941.4	30.4	53.9	30.1	53.2	3.3	5.7	3.3	5.7
Galveston-Texas City .....	115.8	118.6	115.5	117.7	6.5	8.0	5.8	7.2	5.6	6.7	5.0	6.1
Houston .....	2,158.3	2,221.4	2,160.8	2,217.4	81.7	118.3	77.2	112.8	3.8	5.3	3.6	5.1
Killeen-Temple .....	115.1	117.8	114.9	117.5	4.4	6.1	4.3	5.8	3.8	5.2	3.8	4.9
Laredo .....	74.8	76.8	74.8	76.8	5.7	6.0	5.7	5.6	7.7	7.8	7.6	7.3
Longview-Marshall .....	101.9	103.9	101.4	103.2	6.2	6.9	5.0	6.4	6.0	6.7	5.0	6.2
Lubbock .....	123.6	127.9	125.0	128.0	3.1	3.4	3.0	3.2	2.5	2.7	2.4	2.5
McAllen-Edinburg-Mission .....	210.7	217.0	210.5	213.4	32.8	30.8	31.6	26.6	15.6	14.2	15.0	12.5
Odessa-Midland .....	117.2	121.1	116.7	120.6	5.4	6.0	5.0	6.1	4.6	5.0	4.3	5.0
San Angelo .....	49.5	50.2	49.2	50.2	1.5	1.6	1.3	1.5	3.1	3.3	2.7	3.1
San Antonio .....	769.2	796.2	772.8	793.7	26.9	38.9	26.0	36.9	3.5	4.9	3.4	4.6
Sherman-Denison .....	49.6	49.9	49.7	49.5	1.9	3.8	1.8	3.4	3.8	7.6	3.7	6.9
Texarkana .....	55.0	55.7	54.9	55.4	2.7	2.8	2.5	2.6	4.8	5.0	4.5	4.7

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<sup>1</sup>Continued**

(Numbers in thousands)

State and area	Civilian labor force				Unemployed							
					Number				Percent of labor force			
	January		February		January		February		January		February	
	2001	2002	2001	2002 <sup>P</sup>	2001	2002	2001	2002 <sup>P</sup>	2001	2002	2001	2002 <sup>P</sup>
<b>Texas<sup>2</sup>Continued</b>												
Tyler .....	90.9	94.1	90.2	92.8	3.6	4.9	3.1	4.1	3.9	5.2	3.5	4.4
Victoria .....	43.4	44.1	43.3	44.2	1.6	2.1	1.5	2.0	3.6	4.8	3.6	4.6
Waco .....	99.7	101.0	100.1	101.2	3.9	4.5	3.6	4.4	3.9	4.5	3.6	4.3
Wichita Falls .....	62.1	63.9	62.1	63.6	2.0	2.8	2.0	2.4	3.3	4.4	3.2	3.7
<b>Utah</b> .....	1,102.3	1,137.2	1,100.2	1,141.8	40.5	60.4	44.4	65.6	3.7	5.3	4.0	5.7
Provo-Orem .....	171.3	174.9	170.9	176.7	4.9	9.5	5.6	10.6	2.8	5.4	3.3	6.0
Salt Lake City-Ogden .....	703.6	724.8	702.1	728.5	24.8	36.5	27.1	39.7	3.5	5.0	3.9	5.4
<b>Vermont</b> .....	330.6	342.3	332.5	344.7	13.3	16.0	14.2	15.9	4.0	4.7	4.3	4.6
Burlington .....	100.4	103.3	101.0	104.2	2.5	3.4	2.8	3.6	2.5	3.3	2.8	3.4
<b>Virginia</b> .....	3,597.8	3,723.2	3,615.8	3,737.4	92.1	164.0	98.2	158.5	2.6	4.4	2.7	4.2
Charlottesville .....	76.0	78.8	78.0	78.9	1.1	2.0	1.2	2.0	1.5	2.6	1.5	2.5
Danville .....	57.0	59.2	57.2	58.9	2.7	5.7	3.3	5.5	4.8	9.6	5.8	9.3
Lynchburg .....	104.4	107.9	104.7	108.7	3.5	6.7	3.3	6.5	3.4	6.2	3.1	6.0
Norfolk-Virginia Beach-Newport News .....	735.8	763.7	737.8	766.5	22.1	34.0	22.2	32.6	3.0	4.5	3.0	4.3
Richmond-Petersburg .....	520.0	538.3	521.9	539.3	11.0	22.0	11.4	21.1	2.1	4.1	2.2	3.9
Roanoke .....	127.4	132.0	127.7	132.2	2.6	4.6	2.8	4.5	2.0	3.5	2.2	3.4
<b>Washington</b> .....	3,008.3	3,009.3	3,006.2	3,029.6	186.9	249.7	202.2	241.0	6.2	8.3	6.7	8.0
Bellingham .....	79.7	80.7	79.6	80.7	5.9	6.5	6.0	5.9	7.3	8.0	7.5	7.3
Bremerton .....	93.0	95.5	92.5	95.8	5.4	6.7	5.8	6.3	5.8	7.0	6.3	6.6
Olympia .....	98.8	101.8	99.3	102.8	5.6	6.6	6.1	6.2	5.6	6.4	6.1	6.1
Richland-Kennewick-Pasco .....	91.2	94.7	91.3	96.3	9.0	8.6	8.2	7.8	9.9	9.1	9.0	8.1
Seattle-Bellevue-Everett .....	1,386.5	1,379.0	1,380.0	1,386.2	56.8	98.5	63.7	98.2	4.1	7.1	4.6	7.1
Spokane .....	209.9	208.1	211.1	209.6	14.7	18.3	16.4	17.6	7.0	8.8	7.8	8.4
Tacoma .....	331.0	334.0	330.8	338.4	18.9	26.6	21.1	26.4	5.7	8.0	6.4	7.8
Yakima .....	103.6	100.9	104.3	100.6	15.7	15.4	16.5	12.9	15.1	15.2	15.8	12.8
<b>West Virginia</b> .....	818.8	802.1	821.0	805.7	50.5	49.0	49.3	52.2	6.2	6.1	6.0	6.5
Charleston .....	136.5	131.6	136.4	131.9	6.3	6.3	6.1	6.6	4.6	4.8	4.5	5.0
Huntington-Ashland .....	137.0	136.9	137.0	136.4	8.8	9.5	8.8	9.0	6.4	6.9	6.4	6.6
Parkersburg-Marietta .....	77.4	75.4	76.9	76.5	4.0	4.0	3.8	4.4	5.2	5.3	5.0	5.7
Wheeling .....	73.0	73.3	73.5	73.9	4.0	4.3	4.1	4.3	5.5	5.9	5.6	5.8
<b>Wisconsin</b> .....	2,935.6	3,028.1	2,956.7	3,050.1	140.6	177.1	158.1	204.0	4.8	5.8	5.3	6.7
Appleton-Oshkosh-Neenah .....	225.5	231.9	226.0	231.2	7.9	12.1	9.1	13.9	3.5	5.2	4.0	6.0
Eau Claire .....	81.4	83.5	83.4	86.3	4.6	5.3	5.2	6.3	5.6	6.4	6.2	7.3
Green Bay .....	136.6	142.7	137.7	143.1	4.7	7.2	5.7	8.3	3.5	5.0	4.1	5.8
Janesville-Beloit .....	77.1	79.8	78.5	80.6	4.3	5.8	6.1	6.3	5.6	7.2	7.8	7.9
Kenosha .....	82.1	83.2	83.1	83.6	4.8	4.6	4.3	5.1	5.9	5.5	5.2	6.1
La Crosse .....	70.8	74.4	71.9	75.1	3.3	3.5	3.4	3.9	4.7	4.8	4.8	5.2
Madison .....	267.6	275.3	269.6	276.1	5.8	7.8	6.4	8.6	2.2	2.8	2.4	3.1
Milwaukee-Waukesha .....	808.6	824.8	811.3	830.9	34.6	45.7	37.0	52.1	4.3	5.5	4.6	6.3
Racine .....	91.5	94.1	91.2	94.5	5.7	7.2	6.0	8.0	6.2	7.6	6.6	8.5
Sheboygan .....	62.6	63.4	62.5	63.6	2.0	3.2	2.4	3.9	3.2	5.0	3.9	6.2
Wausau .....	74.0	76.5	74.6	77.2	3.7	4.2	4.6	5.1	4.9	5.5	6.1	6.6
<b>Wyoming</b> .....	263.5	265.6	265.8	267.3	12.6	13.3	13.0	12.9	4.8	5.0	4.9	4.8
Casper .....	34.6	35.5	35.2	35.6	1.7	1.8	1.7	1.6	4.9	5.1	4.8	4.6
Cheyenne .....	41.8	42.1	42.3	42.6	1.7	1.9	1.8	1.7	4.1	4.4	4.2	4.1
<b>Puerto Rico</b> .....	1,279.5	1,322.7	1,296.2	1,374.7	133.2	150.6	148.3	188.0	10.4	11.4	11.4	13.7
Aguadilla .....	45.5	46.7	46.1	49.3	7.7	8.2	8.3	10.3	16.8	17.5	18.1	20.9
Arecibo .....	51.0	51.6	51.5	54.3	5.7	8.0	6.5	10.3	11.3	15.5	12.5	19.0
Caguas .....	120.0	123.8	120.5	126.5	11.7	12.9	12.4	15.0	9.7	10.4	10.3	11.9
Mayaguez .....	86.3	90.4	87.5	93.4	11.4	13.0	11.8	14.3	13.2	14.4	13.4	15.3
Ponce .....	108.4	110.4	109.4	113.5	14.6	14.2	16.3	17.2	13.5	12.9	14.9	15.2
San Juan-Bayamon .....	709.6	735.4	718.8	763.7	58.2	67.0	66.3	86.4	8.2	9.1	9.2	11.3

<sup>1</sup> Not available.

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

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-1. Employment status of the civilian noninstitutional population by sex and age, seasonally adjusted**

(Numbers in thousands)

Employment status, sex, and age	1999				2000				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	206,876	207,432	208,044	208,660	208,914	209,377	209,941	210,566	211,029	211,533	212,138	212,758	213,210
Civilian labor force .....	138,820	139,173	139,507	140,036	140,656	140,877	140,697	141,257	141,749	141,549	141,700	142,291	141,868
Percent of population .....	67.1	67.1	67.1	67.1	67.3	67.3	67.0	67.1	67.2	66.9	66.8	66.9	66.5
Employed .....	132,901	133,238	133,581	134,292	134,995	135,246	134,987	135,649	135,804	135,221	134,839	134,308	133,894
Employment-population ratio <sup>2</sup> .....	64.2	64.2	64.2	64.4	64.6	64.6	64.3	64.4	64.4	63.9	63.6	63.1	62.8
Unemployed .....	5,919	5,935	5,926	5,744	5,661	5,631	5,710	5,609	5,945	6,328	6,860	7,983	7,975
Unemployment rate .....	4.3	4.3	4.2	4.1	4.0	4.0	4.1	4.0	4.2	4.5	4.8	5.6	5.6
<b>Men, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	99,280	99,565	99,867	100,177	100,334	100,569	100,852	101,170	101,430	101,688	101,997	102,318	102,544
Civilian labor force .....	74,254	74,401	74,573	74,857	75,184	75,159	75,192	75,479	75,581	75,602	75,705	76,009	75,637
Percent of population .....	74.8	74.7	74.7	74.7	74.9	74.7	74.6	74.6	74.5	74.3	74.2	74.3	73.8
Employed .....	71,194	71,308	71,481	71,833	72,254	72,243	72,228	72,469	72,370	72,138	71,992	71,673	71,290
Employment-population ratio <sup>2</sup> .....	71.7	71.6	71.6	71.7	72.0	71.8	71.6	71.6	71.4	70.9	70.6	70.0	69.5
Agriculture .....	2,444	2,466	2,379	2,443	2,469	2,421	2,469	2,381	2,283	2,284	2,275	2,287	2,333
Nonagricultural industries .....	68,750	68,842	69,102	69,390	69,785	69,822	69,759	70,088	70,087	69,854	69,717	69,385	68,957
Unemployed .....	3,060	3,094	3,091	3,024	2,930	2,917	2,964	3,010	3,211	3,463	3,713	4,336	4,347
Unemployment rate .....	4.1	4.2	4.1	4.0	3.9	3.9	3.9	4.0	4.2	4.6	4.9	5.7	5.7
Not in labor force .....	25,026	25,164	25,294	25,320	25,150	25,410	25,660	25,691	25,849	26,086	26,292	26,309	26,908
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	91,176	91,386	91,682	91,978	92,098	92,419	92,753	93,049	93,232	93,522	93,812	94,084	94,268
Civilian labor force .....	69,975	70,085	70,260	70,481	70,816	70,775	70,914	71,230	71,321	71,479	71,609	71,954	71,658
Percent of population .....	76.7	76.7	76.6	76.6	76.9	76.6	76.5	76.6	76.5	76.4	76.3	76.5	76.0
Employed .....	67,570	67,615	67,780	68,099	68,488	68,463	68,576	68,803	68,737	68,651	68,565	68,322	67,996
Employment-population ratio <sup>2</sup> .....	74.1	74.0	73.9	74.0	74.4	74.1	73.9	73.9	73.7	73.4	73.1	72.6	72.1
Agriculture .....	2,254	2,270	2,207	2,246	2,276	2,248	2,290	2,195	2,146	2,110	2,101	2,118	2,159
Nonagricultural industries .....	65,316	65,344	65,574	65,853	66,212	66,215	66,286	66,608	66,590	66,541	66,464	66,204	65,837
Unemployed .....	2,405	2,471	2,480	2,382	2,328	2,312	2,338	2,427	2,584	2,828	3,045	3,632	3,662
Unemployment rate .....	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.4	3.6	4.0	4.3	5.0	5.1
Not in labor force .....	21,201	21,300	21,422	21,497	21,282	21,645	21,839	21,820	21,911	22,043	22,202	22,130	22,610
<b>Women, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	107,596	107,866	108,177	108,484	108,580	108,808	109,090	109,396	109,599	109,845	110,141	110,441	110,665
Civilian labor force .....	64,566	64,772	64,934	65,179	65,472	65,718	65,505	65,779	66,168	66,547	66,995	67,282	66,232
Percent of population .....	60.0	60.0	60.0	60.1	60.3	60.4	60.0	60.1	60.4	60.0	59.9	60.0	59.8
Employed .....	61,707	61,930	62,100	62,459	62,741	63,003	62,759	63,180	63,434	63,082	62,848	62,635	62,604
Employment-population ratio <sup>2</sup> .....	57.4	57.4	57.4	57.6	57.8	57.9	57.5	57.8	57.9	57.4	57.1	56.7	56.6
Agriculture .....	844	863	845	848	886	910	854	838	872	851	846	914	882
Nonagricultural industries .....	60,863	61,067	61,255	61,612	61,855	62,093	61,904	62,342	62,562	62,232	62,002	61,721	61,722
Unemployed .....	2,859	2,842	2,834	2,720	2,731	2,715	2,746	2,599	2,735	2,865	3,147	3,647	3,628
Unemployment rate .....	4.4	4.4	4.4	4.2	4.2	4.1	4.2	4.0	4.1	4.3	4.8	5.5	5.5
Not in labor force .....	43,030	43,094	43,243	43,304	43,108	43,090	43,585	43,617	43,431	43,898	44,146	44,159	44,434
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	99,755	100,021	100,291	100,566	100,652	100,915	101,214	101,531	101,702	101,944	102,169	102,434	102,643
Civilian labor force .....	60,503	60,785	60,935	61,173	61,449	61,665	61,455	61,703	62,177	62,044	62,156	62,357	62,360
Percent of population .....	60.7	60.8	60.8	60.8	61.1	61.1	60.7	60.8	61.1	60.9	60.8	60.9	60.8
Employed .....	58,193	58,467	58,634	58,959	59,229	59,404	59,205	59,597	59,942	59,676	59,543	59,265	59,305
Employment-population ratio <sup>2</sup> .....	58.3	58.5	58.5	58.6	58.8	58.9	58.5	58.7	58.9	58.5	58.3	57.9	57.8
Agriculture .....	797	814	801	803	837	849	804	784	823	805	796	851	819
Nonagricultural industries .....	57,396	57,653	57,834	58,155	58,391	58,555	58,401	58,813	59,119	58,871	58,747	58,414	58,486
Unemployed .....	2,310	2,318	2,300	2,214	2,220	2,261	2,250	2,106	2,235	2,367	2,613	3,092	3,054
Unemployment rate .....	3.8	3.8	3.8	3.6	3.6	3.7	3.7	3.4	3.6	3.8	4.2	5.0	4.9
Not in labor force .....	39,252	39,236	39,356	39,393	39,203	39,250	39,759	39,828	39,525	39,900	40,014	40,077	40,283
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	15,945	16,025	16,071	16,117	16,164	16,043	15,974	15,986	16,095	16,067	16,156	16,240	16,298
Civilian labor force .....	8,342	8,303	8,312	8,382	8,391	8,438	8,328	8,324	8,251	8,026	7,935	7,980	7,851
Percent of population .....	52.3	51.8	51.7	52.0	51.9	52.6	52.1	52.1	51.3	50.0	49.1	49.1	48.2
Employed .....	7,138	7,157	7,167	7,235	7,278	7,379	7,206	7,249	7,125	6,893	6,732	6,721	6,592
Employment-population ratio <sup>2</sup> .....	44.8	44.7	44.6	44.9	45.0	46.0	45.1	45.3	44.3	42.9	41.7	41.4	40.4
Agriculture .....	237	244	217	241	242	234	229	239	185	220	224	232	237
Nonagricultural industries .....	6,902	6,912	6,949	6,994	7,036	7,145	6,976	7,010	6,940	6,674	6,508	6,489	6,355
Unemployed .....	1,204	1,146	1,146	1,147	1,113	1,059	1,122	1,075	1,126	1,133	1,203	1,259	1,258
Unemployment rate .....	14.4	13.8	13.8	13.7	13.3	12.5	13.5	12.9	13.6	14.1	15.2	15.8	16.0
Not in labor force .....	7,603	7,722	7,759	7,735	7,773	7,605	7,647	7,661	7,844	8,041	8,222	8,261	8,448

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

<sup>2</sup> Employment as a percent of the civilian noninstitutional population.

NOTE: Detail for the seasonally adjusted data shown in tables D-1 through

D-11 will not necessarily add to totals because of the independent seasonal adjustment of the various series.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-2. 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				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	172,494	172,862	173,280	173,705	173,893	174,202	174,592	175,026	175,329	175,658	176,071	176,493	176,787
Civilian labor force .....	116,129	116,381	116,639	116,933	117,490	117,563	117,532	117,748	118,145	117,891	118,024	118,492	118,130
Percent of population .....	67.3	67.3	67.3	67.3	67.6	67.5	67.3	67.3	67.4	67.1	67.0	67.1	66.8
Employed .....	111,814	111,991	112,349	112,839	113,382	113,509	113,378	113,671	113,815	113,254	113,021	112,639	112,265
Employment-population ratio <sup>2</sup> .....	64.8	64.8	64.8	65.0	65.2	65.2	64.9	64.9	64.5	64.2	63.8	63.5	63.5
Unemployed .....	4,315	4,390	4,290	4,094	4,108	4,054	4,154	4,077	4,329	4,636	5,003	5,852	5,865
Unemployment rate .....	3.7	3.8	3.7	3.5	3.5	3.4	3.5	3.5	3.7	3.9	4.2	4.9	5.0
<b>Men, 20 years and over</b>													
Civilian labor force .....	59,594	59,647	59,902	59,860	60,151	60,047	60,233	60,314	60,424	60,493	60,619	60,911	60,569
Percent of population .....	77.2	77.1	77.3	77.0	77.3	77.0	77.0	76.9	76.8	76.8	76.8	76.9	76.4
Employed .....	57,779	57,786	58,031	58,153	58,459	58,368	58,512	58,548	58,504	58,402	58,360	58,127	57,835
Employment-population ratio <sup>2</sup> .....	74.9	74.7	74.9	74.8	75.1	74.8	74.8	74.6	74.4	74.1	73.9	73.4	72.9
Unemployed .....	1,816	1,860	1,871	1,707	1,692	1,680	1,722	1,766	1,920	2,091	2,259	2,783	2,735
Unemployment rate .....	3.0	3.1	3.1	2.9	2.8	2.8	2.9	2.9	3.2	3.5	3.7	4.6	4.5
<b>Women, 20 years and over</b>													
Civilian labor force .....	49,509	49,721	49,699	49,959	50,233	50,403	50,245	50,408	50,758	50,605	50,663	50,827	50,945
Percent of population .....	59.9	60.0	59.9	60.0	60.3	60.4	60.1	60.1	60.4	60.2	60.1	60.2	60.2
Employed .....	47,876	48,036	48,101	48,411	48,655	48,797	48,622	48,896	49,152	48,889	48,811	48,666	48,756
Employment-population ratio <sup>2</sup> .....	57.9	58.0	57.9	58.2	58.4	58.5	58.1	58.3	58.5	58.1	57.9	57.6	57.6
Unemployed .....	1,633	1,684	1,598	1,548	1,578	1,606	1,623	1,513	1,606	1,716	1,852	2,161	2,190
Unemployment rate .....	3.3	3.4	3.2	3.1	3.1	3.2	3.2	3.0	3.2	3.4	3.7	4.3	4.3
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	7,026	7,014	7,037	7,114	7,106	7,113	7,054	7,025	6,963	6,793	6,742	6,754	6,615
Percent of population .....	55.6	55.3	55.3	55.8	55.8	56.0	55.5	55.3	54.8	53.2	52.6	52.6	51.5
Employed .....	6,159	6,168	6,217	6,275	6,268	6,344	6,245	6,227	6,159	5,963	5,850	5,846	5,674
Employment-population ratio <sup>2</sup> .....	48.7	48.6	48.8	49.3	49.3	49.9	49.2	49.1	48.5	46.7	45.7	45.5	44.1
Unemployed .....	866	846	820	839	838	769	810	798	803	830	893	908	941
Unemployment rate .....	12.3	12.1	11.7	11.8	11.8	10.8	11.5	11.4	11.5	12.2	13.2	13.4	14.2
Men .....	13.0	12.4	12.2	12.6	12.7	11.8	12.5	12.1	12.7	13.5	14.2	15.0	15.2
Women .....	11.6	11.7	11.1	10.9	10.8	9.7	10.4	10.6	10.3	10.9	12.2	11.8	13.3
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	24,697	24,799	24,906	25,018	25,076	25,162	25,260	25,374	25,412	25,502	25,604	25,719	25,812
Civilian labor force .....	16,231	16,281	16,452	16,504	16,603	16,584	16,521	16,700	16,721	16,687	16,744	16,756	16,758
Percent of population .....	65.7	65.7	66.1	66.0	66.2	65.9	65.4	65.8	65.8	65.4	65.4	65.1	64.9
Employed .....	14,940	15,028	15,089	15,175	15,321	15,306	15,252	15,460	15,378	15,315	15,295	15,102	15,073
Employment-population ratio <sup>2</sup> .....	60.5	60.6	60.6	60.7	61.1	60.8	60.4	60.9	60.5	60.1	59.7	58.7	58.4
Unemployed .....	1,291	1,253	1,363	1,329	1,282	1,278	1,269	1,239	1,343	1,372	1,449	1,654	1,685
Unemployment rate .....	8.0	7.7	8.3	8.1	7.7	7.7	7.7	7.4	8.0	8.2	8.7	9.9	10.1
<b>Men, 20 years and over</b>													
Civilian labor force .....	7,114	7,163	7,187	7,271	7,339	7,310	7,319	7,403	7,380	7,335	7,429	7,410	7,523
Percent of population .....	72.2	72.4	72.3	72.7	73.1	72.5	72.3	72.7	72.4	71.7	72.3	71.8	72.6
Employed .....	6,669	6,704	6,692	6,745	6,826	6,805	6,817	6,882	6,842	6,760	6,821	6,767	6,828
Employment-population ratio <sup>2</sup> .....	67.7	67.7	67.3	67.4	68.0	67.5	67.3	67.6	67.2	66.1	66.4	65.6	65.9
Unemployed .....	444	459	495	526	513	505	502	522	538	575	607	643	695
Unemployment rate .....	6.2	6.4	6.9	7.2	7.0	6.9	6.9	7.0	7.3	7.8	8.2	8.7	9.2
<b>Women, 20 years and over</b>													
Civilian labor force .....	8,114	8,184	8,315	8,286	8,311	8,308	8,237	8,313	8,363	8,408	8,419	8,426	8,319
Percent of population .....	65.6	65.9	66.7	66.1	66.1	65.9	65.0	65.3	65.5	65.7	65.5	65.3	64.2
Employed .....	7,553	7,636	7,719	7,749	7,769	7,770	7,724	7,834	7,831	7,876	7,832	7,708	7,602
Employment-population ratio <sup>2</sup> .....	61.1	61.5	61.9	61.8	61.8	61.6	61.0	61.5	61.4	61.5	60.9	59.7	58.7
Unemployed .....	560	548	596	537	541	538	512	480	532	532	587	718	717
Unemployment rate .....	6.9	6.7	7.2	6.5	6.5	6.5	6.2	5.8	6.4	6.3	7.0	8.5	8.6

See footnotes at end of table.

D-2. 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				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	1,004	934	950	947	953	966	966	983	978	944	896	921	916
Percent of population .....	40.6	37.7	38.3	38.2	38.5	39.1	39.2	39.9	39.7	38.1	36.1	36.9	36.7
Employed .....	717	688	678	681	726	731	711	745	705	679	642	627	643
Employment-population ratio <sup>2</sup> .....	29.0	27.8	27.3	27.4	29.3	29.6	28.8	30.3	28.6	27.4	25.8	25.2	25.8
Unemployed .....	287	246	272	266	227	234	255	238	273	265	254	293	273
Unemployment rate .....	28.6	26.4	28.6	28.1	23.9	24.3	26.4	24.2	27.9	28.1	28.4	31.9	29.8
Men .....	33.1	29.9	29.5	30.5	23.5	27.4	28.2	26.4	29.0	31.3	30.1	31.6	32.9
Women .....	24.2	23.0	27.8	25.7	24.2	21.1	24.8	22.2	26.9	25.1	26.6	32.1	26.4
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	21,355	21,549	21,752	21,945	22,107	22,293	22,488	22,685	22,829	23,023	23,222	23,416	23,603
Civilian labor force .....	14,480	14,561	14,737	14,896	15,230	15,323	15,360	15,566	15,667	15,663	15,784	15,967	15,969
Percent of population .....	67.8	67.6	67.7	67.9	68.9	68.7	68.3	68.6	68.6	68.0	68.0	68.2	67.7
Employed .....	13,543	13,579	13,775	13,994	14,344	14,463	14,474	14,697	14,708	14,665	14,777	14,776	14,770
Employment-population ratio <sup>2</sup> .....	63.4	63.0	63.3	63.8	64.9	64.9	64.4	64.8	64.4	63.7	63.6	63.1	62.6
Unemployed .....	936	982	961	902	886	860	887	869	959	997	1,007	1,191	1,199
Unemployment rate .....	6.5	6.7	6.5	6.1	5.8	5.6	5.8	5.6	6.1	6.4	6.4	7.5	7.5

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

<sup>2</sup> Employment as a percent of the civilian noninstitutional population.

NOTE: Detail for the above race and Hispanic-origin groups will not sum to

totals because data for the "other races" group are not presented and Hispanics are included in both the white and black population groups.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-3. Employment status of the civilian noninstitutional population 25 years and over by educational attainment, seasonally adjusted**

(Numbers in thousands)

Educational attainment	1999				2000				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>Less than a high school diploma</b>													
Civilian noninstitutional population <sup>1</sup> .....	28,485	28,268	28,389	28,206	27,631	28,131	28,180	27,825	27,571	28,394	27,542	27,548	27,785
Civilian labor force .....	12,266	11,942	12,124	12,103	11,949	11,905	12,327	12,033	12,069	12,183	12,022	12,123	12,157
Percent of population .....	43.1	42.2	42.7	42.9	43.2	42.3	43.7	43.2	43.8	42.9	43.6	44.0	43.8
Employed .....	11,428	11,127	11,281	11,332	11,196	11,122	11,550	11,256	11,228	11,357	11,148	11,126	11,165
Employment-population ratio .....	40.1	39.4	39.7	40.2	40.5	39.5	41.0	40.5	40.7	40.0	40.5	40.4	40.2
Unemployed .....	838	815	843	770	753	783	778	777	840	825	874	997	991
Unemployment rate .....	6.8	6.8	7.0	6.4	6.3	6.6	6.3	6.5	7.0	6.8	7.3	8.2	8.2
<b>High school graduates, no college<sup>2</sup></b>													
Civilian noninstitutional population <sup>1</sup> .....	57,448	57,946	57,292	57,551	57,757	57,781	57,090	57,609	57,790	57,337	57,286	57,380	57,432
Civilian labor force .....	37,297	37,431	37,190	37,428	37,412	37,278	36,859	37,159	37,207	36,950	36,966	36,829	36,710
Percent of population .....	64.9	64.6	64.9	65.0	64.8	64.5	64.6	64.5	64.4	64.4	64.5	64.2	63.9
Employed .....	35,995	36,063	35,866	36,180	36,139	35,994	35,573	35,860	35,805	35,514	35,391	35,044	34,766
Employment-population ratio .....	62.7	62.2	62.6	62.9	62.6	62.3	62.3	62.2	62.0	61.9	61.8	61.1	60.5
Unemployed .....	1,302	1,368	1,324	1,247	1,273	1,284	1,287	1,299	1,401	1,436	1,575	1,785	1,944
Unemployment rate .....	3.5	3.7	3.6	3.3	3.4	3.4	3.5	3.5	3.8	3.9	4.3	4.8	5.3
<b>Less than a bachelor's degree<sup>3</sup></b>													
Civilian noninstitutional population <sup>1</sup> .....	43,365	42,860	43,231	43,975	44,133	44,100	44,510	44,711	44,919	44,681	45,402	45,395	45,173
Civilian labor force .....	32,143	31,942	31,984	32,402	32,628	32,895	32,907	32,955	33,144	33,195	33,486	33,438	33,098
Percent of population .....	74.1	74.5	74.0	73.7	73.9	74.6	73.9	73.7	73.8	74.3	73.8	73.7	73.3
Employed .....	31,200	31,058	31,044	31,554	31,734	32,017	32,005	32,117	32,222	32,189	32,383	32,054	31,714
Employment-population ratio .....	71.9	72.5	71.8	71.8	71.9	72.6	71.9	71.8	71.7	72.0	71.3	70.6	70.2
Unemployed .....	943	884	940	848	894	878	902	838	922	1,006	1,104	1,384	1,384
Unemployment rate .....	2.9	2.8	2.9	2.6	2.7	2.7	2.7	2.5	2.8	3.0	3.3	4.1	4.2
<b>College graduates</b>													
Civilian noninstitutional population <sup>1</sup> .....	43,775	44,398	45,070	44,724	45,048	44,995	45,710	45,776	45,979	46,221	46,796	47,158	47,432
Civilian labor force .....	35,013	35,623	35,966	35,609	36,059	36,017	36,057	36,188	36,523	36,642	36,789	37,194	37,577
Percent of population .....	80.0	80.2	79.8	79.6	80.0	80.0	78.9	79.1	79.4	79.3	78.6	78.9	79.2
Employed .....	34,361	34,925	35,356	34,992	35,446	35,454	35,404	35,621	35,898	35,861	35,948	36,112	36,509
Employment-population ratio .....	78.5	78.7	78.4	78.2	78.7	78.8	77.5	77.8	78.1	77.6	76.8	76.6	77.0
Unemployed .....	651	698	610	617	613	563	652	567	625	781	840	1,082	1,068
Unemployment rate .....	1.9	2.0	1.7	1.7	1.7	1.6	1.8	1.6	1.7	2.1	2.3	2.9	2.8

<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.



**D-4. 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				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>EMPLOYED</b>													
Full-time workers .....	109,817	109,905	110,148	111,392	111,992	112,426	112,250	112,555	112,716	112,173	111,670	110,831	110,760
Men, 16 years and over .....	63,866	63,725	63,863	64,282	64,770	64,967	65,086	64,936	64,828	64,574	64,515	64,075	63,806
Men, 20 years and over .....	62,461	62,312	62,430	62,872	63,361	63,430	63,574	63,474	63,442	63,227	63,200	62,780	62,534
Women, 16 years and over .....	45,928	46,172	46,348	47,069	47,168	47,451	47,251	47,564	47,827	47,603	47,159	46,753	46,986
Women, 20 years and over .....	45,023	45,215	45,367	46,037	46,185	46,392	46,195	46,502	46,785	46,614	46,230	45,845	46,056
Both sexes, 16 to 19 years .....	2,333	2,378	2,351	2,483	2,446	2,605	2,482	2,579	2,489	2,332	2,240	2,207	2,170
Part-time workers .....	23,104	23,292	23,412	22,955	23,051	22,778	22,686	23,133	23,179	23,000	23,216	23,435	23,132
Men, 16 years and over .....	7,314	7,543	7,669	7,536	7,461	7,240	7,220	7,500	7,551	7,528	7,552	7,552	7,486
Men, 20 years and over .....	5,115	5,260	5,410	5,219	5,142	4,985	5,038	5,303	5,318	5,377	5,424	5,500	5,472
Women, 16 years and over .....	15,768	15,754	15,741	15,414	15,575	15,548	15,491	15,633	15,623	15,471	15,664	15,887	15,650
Women, 20 years and over .....	13,170	13,261	13,231	12,944	13,056	13,020	12,968	13,116	13,183	13,064	13,265	13,435	13,291
Both sexes, 16 to 19 years .....	4,818	4,770	4,771	4,792	4,853	4,773	4,680	4,714	4,678	4,559	4,527	4,499	4,369
<b>UNEMPLOYED</b>													
Looking for full-time work .....	4,699	4,700	4,722	4,552	4,488	4,491	4,529	4,492	4,764	5,108	5,628	6,578	6,745
Men, 16 years and over .....	2,517	2,546	2,599	2,523	2,404	2,433	2,489	2,529	2,705	2,903	3,127	3,690	4,032
Men, 20 years and over .....	2,215	2,237	2,275	2,159	2,123	2,100	2,124	2,207	2,366	2,594	2,823	3,357	3,407
Women, 16 years and over .....	2,136	2,164	2,125	2,061	2,031	2,071	2,052	1,996	2,060	2,187	2,463	2,794	2,944
Women, 20 years and over .....	1,894	1,918	1,882	1,796	1,774	1,826	1,849	1,735	1,842	1,958	2,182	2,555	2,619
Both sexes, 16 to 19 years .....	590	545	565	597	592	566	557	551	556	556	623	667	719
Looking for part-time work .....	1,218	1,255	1,189	1,185	1,172	1,165	1,172	1,103	1,182	1,236	1,237	1,375	1,232
Men, 16 years and over .....	505	567	488	510	490	500	480	486	525	543	539	583	536
Men, 20 years and over .....	194	241	199	220	212	215	211	212	226	231	228	263	262
Women, 16 years and over .....	714	693	698	669	687	665	686	617	661	695	695	778	708
Women, 20 years and over .....	416	409	420	404	445	451	405	357	392	422	436	513	437
Both sexes, 16 to 19 years .....	608	606	570	561	515	499	556	534	564	583	573	599	533
<b>UNEMPLOYMENT RATES<sup>1</sup></b>													
Full-time workers .....	4.1	4.1	4.1	3.9	3.9	3.8	3.9	3.8	4.1	4.4	4.8	5.6	5.7
Men, 16 years and over .....	3.8	3.8	3.9	3.8	3.6	3.6	3.7	3.7	4.0	4.3	4.6	5.4	5.9
Men, 20 years and over .....	3.4	3.5	3.5	3.3	3.2	3.2	3.2	3.4	3.6	3.9	4.3	5.1	5.2
Women, 16 years and over .....	4.4	4.5	4.4	4.2	4.1	4.2	4.2	4.0	4.1	4.4	5.0	5.6	5.9
Women, 20 years and over .....	4.0	4.1	4.0	3.8	3.7	3.8	3.8	3.6	3.8	4.0	4.5	5.3	5.4
Both sexes, 16 to 19 years .....	20.2	18.6	19.4	19.4	19.5	17.9	18.3	17.6	18.3	19.3	21.8	23.2	24.9
Part-time workers .....	5.0	5.1	4.8	4.9	4.8	4.9	4.9	4.5	4.9	5.1	5.1	5.5	5.1
Men, 16 years and over .....	6.5	7.0	6.0	6.3	6.2	6.5	6.2	6.1	6.5	6.7	6.7	7.2	6.7
Men, 20 years and over .....	3.7	4.4	3.6	4.0	4.0	4.1	4.0	3.8	4.1	4.1	4.0	4.6	4.6
Women, 16 years and over .....	4.3	4.2	4.2	4.2	4.2	4.1	4.2	3.8	4.1	4.3	4.3	4.7	4.3
Women, 20 years and over .....	3.1	3.0	3.1	3.0	3.3	3.3	3.0	2.6	2.9	3.1	3.2	3.7	3.2
Both sexes, 16 to 19 years .....	11.2	11.3	10.7	10.5	9.6	9.5	10.6	10.2	10.8	11.3	11.2	11.7	10.9

<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.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-5. Employed persons by marital status, occupation, class of worker, and part-time status, seasonally adjusted**

(In thousands)

Category	1999				2000				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>MARITAL STATUS</b>													
Total .....	132,901	133,238	133,581	134,292	134,995	135,246	134,987	135,649	135,804	135,221	134,839	134,308	133,894
Married men, spouse present .....	43,205	43,141	43,351	43,319	43,577	43,258	43,305	43,343	43,354	43,483	43,169	42,872	43,139
Married women, spouse present .....	33,163	33,475	33,458	33,738	33,788	33,793	33,539	33,733	33,966	33,619	33,620	33,255	33,477
Women who maintain families .....	8,137	8,091	8,274	8,402	8,253	8,338	8,482	8,463	8,305	8,342	8,387	8,348	8,378
<b>OCCUPATION</b>													
Managerial and professional specialty ..	39,826	40,571	40,809	40,676	40,743	40,852	40,923	41,046	41,684	41,872	41,826	41,918	41,847
Technical, sales, and administrative support .....	38,797	38,844	38,852	39,220	39,433	39,498	39,206	39,654	39,673	38,980	38,915	38,582	38,375
Service occupations .....	17,995	17,952	18,042	17,678	18,334	18,340	17,955	18,503	18,253	18,376	18,374	18,465	18,629
Precision production, craft, and repair ...	14,704	14,438	14,345	14,880	14,692	14,834	15,080	14,901	14,962	14,889	14,902	14,649	14,393
Operators, fabricators, and laborers .....	18,244	17,924	18,107	18,395	18,351	18,259	18,454	18,213	18,027	17,833	17,617	17,362	17,394
Farming, forestry, and fishing .....	3,396	3,478	3,422	3,402	3,514	3,422	3,383	3,294	3,289	3,221	3,217	3,301	3,346
<b>CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,918	1,928	1,927	2,002	2,025	2,042	2,052	2,006	1,908	1,886	1,844	1,881	1,891
Self-employed workers .....	1,329	1,363	1,251	1,250	1,288	1,239	1,233	1,181	1,230	1,207	1,256	1,293	1,289
Unpaid family workers .....	37	33	44	44	43	39	38	32	30	37	25	22	33
Nonagricultural industries:													
Wage and salary workers .....	120,788	121,018	121,416	122,123	122,863	123,086	122,855	123,689	123,937	123,335	123,025	122,471	122,487
Private industries .....	102,048	102,163	102,274	103,238	103,607	104,001	104,142	104,544	104,899	104,358	103,879	103,278	103,303
Private households .....	877	925	985	951	964	953	807	838	851	788	803	798	704
Other industries .....	101,171	101,237	101,289	102,287	102,643	103,048	103,335	103,706	104,048	103,570	103,076	102,481	102,599
Government .....	18,741	18,856	19,142	18,886	19,256	19,085	18,713	19,146	19,038	18,977	19,146	19,193	19,184
Self-employed workers .....	8,745	8,771	8,883	8,760	8,737	8,692	8,682	8,587	8,673	8,619	8,542	8,512	8,223
Unpaid family workers .....	110	75	94	96	86	92	104	125	123	104	103	88	91
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	3,478	3,416	3,316	3,199	3,164	3,193	3,174	3,230	3,262	3,438	3,703	4,267	4,066
Slack work or business conditions .....	2,031	1,990	1,929	1,907	1,858	1,887	1,976	1,995	2,014	2,200	2,362	2,863	2,675
Could only find part-time work .....	1,147	1,081	1,080	1,010	995	993	879	904	925	941	1,009	1,130	1,077
Part time for noneconomic reasons .....	18,573	18,830	19,010	18,627	18,830	18,536	18,581	18,878	18,794	18,605	18,874	18,590	18,406
Nonagricultural industries:													
Part time for economic reasons .....	3,311	3,240	3,151	3,037	3,012	3,056	3,026	3,090	3,124	3,302	3,562	4,119	3,875
Slack work or business conditions .....	1,933	1,878	1,820	1,795	1,768	1,798	1,880	1,900	1,931	2,109	2,280	2,765	2,556
Could only find part-time work .....	1,114	1,061	1,063	986	974	973	861	885	910	924	988	1,105	1,053
Part time for noneconomic reasons .....	18,005	18,241	18,448	18,073	18,263	17,981	18,020	18,307	18,287	18,110	18,333	18,011	17,869

<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.

D-6. Employed persons by age and sex, seasonally adjusted

(In thousands)

Age and sex	1999				2000				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over .....	132,901	133,238	133,581	134,292	134,995	135,246	134,987	135,649	135,804	135,221	134,839	134,308	133,894
16 to 24 years .....	19,915	19,981	20,138	20,230	20,450	20,571	20,585	20,794	20,621	20,199	20,099	19,973	19,735
16 to 19 years .....	7,138	7,157	7,167	7,235	7,278	7,379	7,206	7,249	7,125	6,893	6,732	6,721	6,592
16 to 17 years .....	2,781	2,778	2,801	2,813	2,827	2,810	2,722	2,752	2,663	2,617	2,505	2,505	2,425
18 to 19 years .....	4,353	4,380	4,360	4,424	4,445	4,565	4,481	4,502	4,477	4,269	4,226	4,218	4,164
20 to 24 years .....	12,776	12,824	12,972	12,995	13,172	13,191	13,379	13,545	13,496	13,306	13,367	13,252	13,143
25 years and over .....	113,007	113,210	113,496	114,039	114,565	114,615	114,470	114,832	115,202	114,959	114,816	114,311	114,190
25 to 54 years .....	96,059	96,007	96,183	96,709	97,016	96,959	96,704	97,015	97,132	96,716	96,497	95,741	95,266
55 years and over .....	16,956	17,160	17,346	17,332	17,542	17,627	17,808	17,814	18,075	18,212	18,344	18,560	18,935
Men, 16 years and over .....	71,194	71,308	71,481	71,833	72,254	72,243	72,228	72,469	72,370	72,138	71,992	71,673	71,290
16 to 24 years .....	10,323	10,320	10,476	10,547	10,721	10,741	10,663	10,775	10,618	10,395	10,403	10,209	10,093
16 to 19 years .....	3,624	3,693	3,701	3,734	3,766	3,780	3,652	3,666	3,634	3,487	3,427	3,351	3,294
16 to 17 years .....	1,410	1,431	1,441	1,468	1,479	1,437	1,360	1,345	1,331	1,309	1,240	1,240	1,155
18 to 19 years .....	2,215	2,269	2,249	2,262	2,288	2,343	2,283	2,320	2,325	2,175	2,180	2,111	2,147
20 to 24 years .....	6,699	6,627	6,775	6,813	6,955	6,961	7,011	7,109	6,984	6,907	6,976	6,858	6,799
25 years and over .....	60,884	60,958	61,052	61,257	61,549	61,466	61,616	61,664	61,768	61,708	61,645	61,432	61,217
25 to 54 years .....	51,481	51,405	51,452	51,656	51,854	51,764	51,811	51,878	51,880	51,716	51,648	51,279	50,972
55 years and over .....	9,420	9,518	9,613	9,599	9,709	9,670	9,829	9,778	9,919	9,955	10,007	10,144	10,269
Women, 16 years and over .....	61,707	61,930	62,100	62,459	62,741	63,003	62,759	63,180	63,434	63,082	62,848	62,635	62,604
16 to 24 years .....	9,592	9,660	9,662	9,683	9,729	9,830	9,922	10,019	10,003	9,804	9,696	9,764	9,642
16 to 19 years .....	3,514	3,464	3,466	3,501	3,512	3,600	3,554	3,583	3,491	3,406	3,305	3,370	3,298
16 to 17 years .....	1,371	1,347	1,360	1,345	1,348	1,374	1,362	1,406	1,332	1,308	1,266	1,265	1,270
18 to 19 years .....	2,138	2,112	2,111	2,162	2,157	2,223	2,198	2,181	2,152	2,094	2,046	2,107	2,017
20 to 24 years .....	6,078	6,197	6,196	6,182	6,217	6,230	6,368	6,436	6,512	6,398	6,392	6,394	6,344
25 years and over .....	52,123	52,252	52,445	52,782	53,016	53,149	52,853	53,168	53,433	53,251	53,171	52,879	52,973
25 to 54 years .....	44,577	44,602	44,732	45,053	45,162	45,195	44,893	45,137	45,252	45,000	44,849	44,461	44,294
55 years and over .....	7,536	7,642	7,733	7,733	7,833	7,957	7,979	8,036	8,156	8,257	8,337	8,416	8,666

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-7. Unemployed persons by age and sex, seasonally adjusted**

(In thousands)

Age and sex	1999				2000				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over .....	5,919	5,935	5,926	5,744	5,661	5,631	5,710	5,609	5,945	6,328	6,860	7,983	7,975
16 to 24 years .....	2,222	2,183	2,207	2,206	2,172	2,137	2,089	2,069	2,202	2,303	2,431	2,643	2,687
16 to 19 years .....	1,204	1,146	1,146	1,147	1,113	1,059	1,122	1,075	1,126	1,133	1,203	1,259	1,258
16 to 17 years .....	552	551	525	547	492	492	531	508	524	511	552	546	503
18 to 19 years .....	638	597	629	607	604	568	600	575	584	621	663	721	735
20 to 24 years .....	1,018	1,037	1,061	1,059	1,059	1,078	967	993	1,076	1,170	1,228	1,384	1,429
25 years and over .....	3,715	3,767	3,717	3,496	3,516	3,506	3,618	3,492	3,773	4,049	4,424	5,256	5,326
25 to 54 years .....	3,239	3,232	3,215	3,043	3,031	3,052	3,134	3,005	3,282	3,525	3,842	4,569	4,636
55 years and over .....	492	517	491	458	500	443	475	489	505	510	578	700	707
Men, 16 years and over .....	3,060	3,094	3,091	3,024	2,930	2,917	2,964	3,010	3,211	3,463	3,713	4,336	4,347
16 to 24 years .....	1,186	1,202	1,183	1,214	1,148	1,159	1,164	1,144	1,254	1,305	1,351	1,486	1,492
16 to 19 years .....	655	623	612	642	602	605	626	583	626	635	669	704	685
16 to 17 years .....	298	310	284	288	271	282	288	291	289	294	307	314	277
18 to 19 years .....	353	320	328	354	326	328	338	292	332	344	364	390	401
20 to 24 years .....	531	579	571	572	546	554	538	561	628	670	682	783	807
25 years and over .....	1,882	1,896	1,907	1,792	1,795	1,762	1,798	1,845	1,973	2,164	2,358	2,815	2,876
25 to 54 years .....	1,618	1,623	1,610	1,532	1,534	1,509	1,531	1,556	1,684	1,861	2,026	2,392	2,479
55 years and over .....	270	273	293	253	270	253	260	282	298	300	332	420	410
Women, 16 years and over .....	2,859	2,842	2,834	2,720	2,731	2,715	2,746	2,599	2,735	2,865	3,147	3,647	3,628
16 to 24 years .....	1,036	981	1,024	992	1,024	978	925	924	948	998	1,080	1,157	1,196
16 to 19 years .....	549	523	534	506	511	454	496	492	500	498	534	555	574
16 to 17 years .....	254	241	241	260	221	209	243	217	235	217	245	232	226
18 to 19 years .....	286	277	301	253	278	240	262	282	253	277	299	331	334
20 to 24 years .....	488	458	490	486	513	524	429	432	449	500	546	601	622
25 years and over .....	1,833	1,872	1,809	1,704	1,721	1,744	1,820	1,647	1,800	1,885	2,065	2,440	2,450
25 to 54 years .....	1,621	1,609	1,605	1,512	1,498	1,543	1,603	1,449	1,598	1,665	1,816	2,177	2,158
55 years and over .....	221	244	198	204	230	189	215	207	206	210	246	280	297

D-8. Unemployment rates by age and sex, seasonally adjusted

(Percent)

Age and sex	1999				2000				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
Total, 16 years and over .....	4.3	4.3	4.2	4.1	4.0	4.0	4.1	4.0	4.2	4.5	4.8	5.6	5.6
16 to 24 years .....	10.0	9.8	9.9	9.8	9.6	9.4	9.2	9.0	9.6	10.2	10.8	11.7	12.0
16 to 19 years .....	14.4	13.8	13.8	13.7	13.3	12.5	13.5	12.9	13.6	14.1	15.2	15.8	16.0
16 to 17 years .....	16.6	16.6	15.8	16.3	14.8	14.9	16.3	15.6	16.4	16.3	18.1	17.9	17.2
18 to 19 years .....	12.8	12.0	12.6	12.1	12.0	11.1	11.8	11.3	11.5	12.7	13.6	14.6	15.0
20 to 24 years .....	7.4	7.5	7.6	7.5	7.4	7.6	6.7	6.8	7.4	8.1	8.4	9.5	9.8
25 years and over .....	3.2	3.2	3.2	3.0	3.0	3.0	3.1	3.0	3.2	3.4	3.7	4.4	4.5
25 to 54 years .....	3.3	3.3	3.2	3.1	3.0	3.1	3.1	3.0	3.3	3.5	3.8	4.6	4.6
55 years and over .....	2.8	2.9	2.8	2.6	2.8	2.4	2.6	2.7	2.7	2.7	3.1	3.6	3.6
Men, 16 years and over .....	4.1	4.2	4.1	4.0	3.9	3.9	3.9	4.0	4.2	4.6	4.9	5.7	5.7
16 to 24 years .....	10.3	10.4	10.1	10.3	9.7	9.7	9.8	9.6	10.6	11.2	11.5	12.7	12.9
16 to 19 years .....	15.3	14.4	14.2	14.7	13.8	13.8	14.6	13.7	14.7	15.4	16.3	17.4	17.2
16 to 17 years .....	17.4	17.8	16.5	16.4	15.5	16.4	17.5	17.8	17.9	18.3	19.9	20.2	19.4
18 to 19 years .....	13.7	12.4	12.7	13.5	12.5	12.3	12.9	11.2	12.5	13.7	14.3	15.6	15.7
20 to 24 years .....	7.3	8.0	7.8	7.7	7.3	7.4	7.1	7.3	8.2	8.8	8.9	10.2	10.6
25 years and over .....	3.0	3.0	3.0	2.8	2.8	2.8	2.8	2.9	3.1	3.4	3.7	4.4	4.5
25 to 54 years .....	3.0	3.1	3.0	2.9	2.9	2.8	2.9	2.9	3.1	3.5	3.8	4.5	4.6
55 years and over .....	2.8	2.8	3.0	2.6	2.7	2.6	2.6	2.8	2.9	2.9	3.2	4.0	3.8
Women, 16 years and over .....	4.4	4.4	4.4	4.2	4.2	4.1	4.2	4.0	4.1	4.3	4.8	5.5	5.5
16 to 24 years .....	9.8	9.2	9.6	9.3	9.5	9.0	8.5	8.4	8.7	9.2	10.0	10.6	11.0
16 to 19 years .....	13.5	13.1	13.4	12.6	12.7	11.2	12.3	12.1	12.5	12.7	13.9	14.1	14.8
16 to 17 years .....	15.6	15.2	15.0	16.2	14.1	13.2	15.2	13.4	15.0	14.2	16.2	15.5	15.1
18 to 19 years .....	11.8	11.6	12.5	10.5	11.4	9.7	10.6	11.5	10.5	11.7	12.7	13.6	14.2
20 to 24 years .....	7.4	6.9	7.3	7.3	7.6	7.8	6.3	6.3	6.4	7.3	7.9	8.6	8.9
25 years and over .....	3.4	3.5	3.3	3.1	3.1	3.2	3.3	3.0	3.3	3.4	3.7	4.4	4.4
25 to 54 years .....	3.5	3.5	3.5	3.2	3.2	3.3	3.4	3.1	3.4	3.6	3.9	4.7	4.6
55 years and over .....	2.9	3.1	2.5	2.6	2.9	2.3	2.6	2.5	2.5	2.5	2.9	3.2	3.3

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-9. Unemployment rates by occupation, industry, and selected demographic characteristics, seasonally adjusted**

(Percent)

Category	1999				2000				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>CHARACTERISTIC</b>													
Total .....	4.3	4.3	4.2	4.1	4.0	4.0	4.1	4.0	4.2	4.5	4.8	5.6	5.6
Men, 20 years and over .....	3.4	3.5	3.5	3.4	3.3	3.3	3.3	3.4	3.6	4.0	4.3	5.0	5.1
Women, 20 years and over .....	3.8	3.8	3.8	3.6	3.6	3.7	3.7	3.4	3.6	3.8	4.2	5.0	4.9
Both sexes, 16 to 19 years .....	14.4	13.8	13.8	13.7	13.3	12.5	13.5	12.9	13.6	14.1	15.2	15.8	16.0
White .....	3.7	3.8	3.7	3.5	3.5	3.4	3.5	3.5	3.7	3.9	4.2	4.9	5.0
Black and other .....	7.1	6.8	7.1	7.0	6.8	6.8	6.7	6.4	7.0	7.2	7.8	8.8	9.0
Black .....	8.0	7.7	8.3	8.1	7.7	7.7	7.7	7.4	8.0	8.2	8.7	9.9	10.1
Hispanic origin .....	6.5	6.7	6.5	6.1	5.8	5.6	5.8	5.6	6.1	6.4	6.4	7.5	7.5
Married men, spouse present .....	2.2	2.3	2.2	2.2	2.0	1.9	2.1	2.1	2.3	2.5	2.7	3.3	3.4
Married women, spouse present .....	2.8	2.7	2.7	2.5	2.7	2.7	2.8	2.5	2.6	2.9	3.1	3.6	3.6
Women who maintain families .....	6.4	6.4	6.5	6.2	6.3	6.2	5.8	5.2	6.2	6.3	6.7	7.6	7.7
<b>OCCUPATION<sup>1</sup></b>													
Managerial and professional specialty .....	1.9	2.0	1.8	1.8	1.7	1.7	1.8	1.7	1.8	2.1	2.4	2.8	3.0
Technical, sales, and administrative support .....	3.8	3.6	3.7	3.5	3.6	3.5	3.7	3.5	3.6	3.9	4.3	5.0	5.1
Precision production, craft, and repair .....	3.9	4.2	4.2	3.8	3.9	3.5	3.4	3.5	3.7	4.4	4.7	5.7	5.9
Operators, fabricators, and laborers .....	6.0	6.3	6.4	6.3	6.1	6.3	6.4	6.3	7.1	7.4	7.6	8.9	9.0
Farming, forestry, and fishing .....	7.4	7.4	6.1	5.9	5.3	5.9	6.0	6.9	7.5	6.9	7.7	6.8	8.0
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers ...	4.3	4.4	4.3	4.2	4.2	4.1	4.1	4.0	4.4	4.6	5.1	6.0	6.0
Goods-producing industries .....	4.5	4.6	4.7	4.4	4.3	4.2	4.4	4.6	5.1	5.4	6.1	7.1	7.3
Mining .....	6.7	6.3	5.4	4.3	3.2	3.3	4.9	4.4	3.6	5.2	4.5	5.7	5.6
Construction .....	7.1	7.4	7.3	6.3	6.7	5.8	6.4	6.5	6.6	6.9	7.5	8.7	8.7
Manufacturing .....	3.6	3.6	3.8	3.6	3.4	3.7	3.6	3.8	4.5	4.8	5.5	6.4	6.8
Durable goods .....	3.3	3.3	3.8	3.5	3.0	3.7	3.3	3.5	4.3	4.7	5.5	6.9	7.3
Nondurable goods .....	4.0	3.9	3.6	3.8	4.2	3.7	4.1	4.2	4.7	4.9	5.4	5.6	5.9
Service-producing industries .....	4.2	4.3	4.2	4.1	4.1	4.0	4.0	3.8	4.1	4.4	4.7	5.6	5.5
Transportation and public utilities .....	2.9	3.0	3.1	3.2	3.3	2.9	3.2	2.8	3.0	3.9	3.7	6.1	5.8
Wholesale and retail trade .....	5.2	5.3	5.1	5.2	5.2	5.1	5.0	4.7	5.1	5.3	5.6	6.5	6.4
Finance, insurance, and real estate .....	2.2	2.5	2.4	2.3	2.5	2.4	2.2	2.1	2.4	2.5	2.9	3.1	2.7
Services .....	4.1	4.1	4.2	3.9	3.9	3.9	3.8	3.6	4.0	4.2	4.7	5.4	5.4
Government workers .....	2.2	2.4	2.1	2.0	2.0	2.1	2.2	2.1	2.0	2.1	2.1	2.4	2.6
Agricultural wage and salary workers .....	10.1	9.6	7.9	7.5	6.0	7.7	7.7	9.1	9.8	9.1	9.4	9.3	10.7

<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/or

irregular components, cannot be separated with sufficient precision.

**D-10. Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reason	1999				2000				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>NUMBER OF UNEMPLOYED</b>													
Job losers and persons who completed temporary jobs ..	2,685	2,652	2,635	2,495	2,537	2,380	2,531	2,508	2,871	3,134	3,442	4,430	4,317
On temporary layoff .....	858	844	865	817	794	841	876	881	980	1,023	1,068	1,184	1,099
Not on temporary layoff .....	1,827	1,808	1,770	1,677	1,743	1,539	1,655	1,628	1,891	2,111	2,374	3,246	3,218
Job leavers .....	744	814	780	802	776	767	783	772	810	800	829	879	873
Reentrants .....	2,024	2,027	1,988	1,984	1,985	2,029	1,906	1,899	1,910	1,913	2,071	2,224	2,310
New entrants .....	495	435	473	468	418	428	444	433	412	464	465	486	507
<b>PERCENT DISTRIBUTION</b>													
Job losers and persons who completed temporary jobs ..	45.1	44.7	44.8	43.4	44.4	42.5	44.7	44.7	47.8	49.7	50.6	55.2	53.9
On temporary layoff .....	14.4	14.2	14.7	14.2	13.9	15.0	15.5	15.7	16.3	16.2	15.7	14.8	13.7
Not on temporary layoff .....	30.7	30.5	30.1	29.2	30.5	27.5	29.2	29.0	31.5	33.4	34.9	40.5	40.2
Job leavers .....	12.5	13.7	13.3	13.9	13.6	13.7	13.8	13.8	13.5	12.7	12.2	11.0	10.9
Reentrants .....	34.0	34.2	33.8	34.5	34.7	36.2	33.6	33.8	31.8	30.3	30.4	27.7	28.9
New entrants .....	8.3	7.3	8.1	8.1	7.3	7.6	7.8	7.7	6.9	7.4	6.8	6.1	6.3
<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	1.8	1.8	1.7	1.8	1.8	2.0	2.2	2.4	3.1	3.0
Job leavers .....	.5	.6	.6	.6	.6	.5	.6	.5	.6	.6	.6	.6	.6
Reentrants .....	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.3	1.3	1.4	1.5	1.6	1.6
New entrants .....	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4

**D-11. Unemployed persons by duration of unemployment, seasonally adjusted**

(Numbers in thousands)

Duration	1999				2000				2001				2002
	I	II	III	IV	I	II	III	IV	I	II	III	IV	I
<b>NUMBER OF UNEMPLOYED</b>													
Less than 5 weeks .....	2,502	2,579	2,609	2,593	2,624	2,512	2,536	2,497	2,693	2,782	2,802	3,066	2,961
5 to 14 weeks .....	1,947	1,809	1,811	1,748	1,784	1,840	1,814	1,772	1,881	2,032	2,229	2,606	2,504
15 weeks and over .....	1,496	1,564	1,468	1,383	1,308	1,298	1,322	1,306	1,444	1,527	1,778	2,256	2,598
15 to 26 weeks .....	763	807	751	691	666	661	647	689	767	829	1,004	1,213	1,386
27 weeks and over .....	733	757	717	692	642	638	674	617	677	698	774	1,044	1,213
Average (mean) duration, in weeks .....	13.6	13.7	13.3	13.0	12.7	12.6	12.8	12.4	12.7	12.6	13.1	14.0	15.0
Median duration, in weeks .....	6.8	6.4	6.1	6.1	5.9	6.0	5.8	6.0	6.1	6.2	6.9	7.7	8.3
<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 .....	42.1	43.3	44.3	45.3	45.9	44.5	44.7	44.8	44.7	43.9	41.2	38.7	36.7
5 to 14 weeks .....	32.7	30.4	30.8	30.5	31.2	32.6	32.0	31.8	31.3	32.0	32.7	32.9	31.1
15 weeks and over .....	25.2	26.3	24.9	24.2	22.9	23.0	23.3	23.4	24.0	24.1	26.1	28.5	32.2
15 to 26 weeks .....	12.8	13.6	12.7	12.1	11.7	11.7	11.4	12.4	12.7	13.1	14.7	15.3	17.2
27 weeks and over .....	12.3	12.7	12.2	12.1	11.2	11.3	11.9	11.1	11.3	11.0	11.4	13.2	15.0

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-12. Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin**

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	2001	2002	2001	2002	2001	2002	2001	2002
<b>TOTAL</b>								
Civilian noninstitutional population .....	211,029	213,210	175,329	176,787	25,412	25,812	22,829	23,603
Civilian labor force .....	141,346	141,741	117,890	118,091	16,596	16,658	15,665	15,996
Percent of population .....	67.0	66.5	67.2	66.8	65.3	64.5	68.6	67.8
Employed .....	134,845	132,974	113,081	111,539	15,208	14,911	14,630	14,701
Agriculture .....	2,842	2,885	2,707	2,691	86	115	620	605
Nonagricultural industries .....	132,003	130,089	110,374	108,848	15,123	14,796	14,010	14,096
Unemployed .....	6,501	8,767	4,809	6,552	1,387	1,747	1,035	1,295
Unemployment rate .....	4.6	6.2	4.1	5.5	8.4	10.5	6.6	8.1
Not in labor force .....	69,683	71,469	57,439	58,696	8,816	9,154	7,164	7,607
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	101,430	102,544	85,131	85,891	11,398	11,589	11,262	11,628
Civilian labor force .....	75,178	75,445	63,706	63,741	7,795	7,951	9,029	9,108
Percent of population .....	74.1	73.6	74.8	74.2	68.4	68.6	80.2	78.3
Employed .....	71,481	70,412	60,888	59,880	7,083	7,054	8,448	8,391
Agriculture .....	2,022	2,055	1,923	1,891	72	100	531	496
Nonagricultural industries .....	69,459	68,356	58,965	57,990	7,012	6,954	7,917	7,895
Unemployed .....	3,697	5,033	2,818	3,861	711	898	581	717
Unemployment rate .....	4.9	6.7	4.4	6.1	9.1	11.3	6.4	7.9
Not in labor force .....	26,252	27,099	21,425	22,150	3,604	3,638	2,233	2,520
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	93,232	94,268	78,637	79,322	10,189	10,361	10,043	10,380
Civilian labor force .....	71,183	71,742	60,333	60,654	7,346	7,507	8,411	8,540
Percent of population .....	76.4	76.1	76.7	76.5	72.1	72.5	83.8	82.3
Employed .....	68,129	67,409	57,992	57,314	6,764	6,755	7,924	7,931
Agriculture .....	1,933	1,945	1,837	1,784	70	97	515	465
Nonagricultural industries .....	66,195	65,465	56,155	55,530	6,694	6,658	7,409	7,466
Unemployed .....	3,055	4,333	2,341	3,340	582	752	488	609
Unemployment rate .....	4.3	6.0	3.9	5.5	7.9	10.0	5.8	7.1
Not in labor force .....	22,048	22,526	18,303	18,668	2,843	2,854	1,632	1,840
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	109,599	110,665	90,198	90,896	14,013	14,224	11,567	11,975
Civilian labor force .....	66,168	66,296	54,185	54,350	8,801	8,707	6,636	6,888
Percent of population .....	60.4	59.9	60.1	59.8	62.8	61.2	57.4	57.5
Employed .....	63,364	62,562	52,193	51,659	8,125	7,857	6,182	6,310
Agriculture .....	820	830	784	801	14	15	89	109
Nonagricultural industries .....	62,544	61,732	51,408	50,858	8,111	7,842	6,093	6,201
Unemployed .....	2,804	3,734	1,992	2,691	676	850	454	578
Unemployment rate .....	4.2	5.6	3.7	5.0	7.7	9.8	6.8	8.4
Not in labor force .....	43,431	44,369	36,014	36,546	5,213	5,517	4,931	5,087
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	101,702	102,643	83,983	84,608	12,762	12,955	10,415	10,794
Civilian labor force .....	62,410	62,664	51,020	51,250	8,356	8,320	6,200	6,393
Percent of population .....	61.4	61.1	60.8	60.6	65.5	64.2	59.5	59.2
Employed .....	60,071	59,468	49,346	48,967	7,810	7,584	5,808	5,904
Agriculture .....	787	787	753	758	13	15	83	105
Nonagricultural industries .....	59,283	58,681	48,593	48,209	7,797	7,569	5,726	5,799
Unemployed .....	2,339	3,196	1,674	2,282	546	736	392	489
Unemployment rate .....	3.7	5.1	3.3	4.5	6.5	8.8	6.3	7.7
Not in labor force .....	39,293	39,979	32,963	33,359	4,405	4,635	4,215	4,401
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	16,095	16,298	12,709	12,856	2,461	2,496	2,372	2,429
Civilian labor force .....	7,752	7,335	6,536	6,187	893	831	1,054	1,063
Percent of population .....	48.2	45.0	51.4	48.1	36.3	33.3	44.4	43.8
Employed .....	6,645	6,096	5,743	5,258	634	572	898	866
Agriculture .....	121	153	117	150	3	2	22	35
Nonagricultural industries .....	6,524	5,943	5,625	5,108	631	570	876	831
Unemployed .....	1,107	1,239	794	930	259	259	156	197
Unemployment rate .....	14.3	16.9	12.1	15.0	29.0	31.2	14.8	18.5
Not in labor force .....	8,342	8,963	6,172	6,669	1,568	1,665	1,318	1,366

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.



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-13. Employment status of the Mexican, Puerto Rican, and Cuban-origin population by sex and age**

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	2001	2002	2001	2002	2001	2002	2001	2002
<b>TOTAL</b>								
Civilian noninstitutional population .....	22,829	23,603	14,746	15,206	2,064	2,091	1,022	1,049
Civilian labor force .....	15,665	15,996	10,260	10,426	1,287	1,272	608	588
Percent of population .....	68.6	67.8	69.6	68.6	62.4	60.8	59.5	56.1
Employed .....	14,630	14,701	9,537	9,561	1,194	1,154	582	545
Agriculture .....	620	605	555	539	18	5	11	3
Nonagricultural industries .....	14,010	14,096	8,982	9,022	1,177	1,149	571	542
Unemployed .....	1,035	1,295	723	864	93	119	26	44
Unemployment rate .....	6.6	8.1	7.0	8.3	7.2	9.3	4.3	7.4
Not in labor force .....	7,164	7,607	4,486	4,781	777	819	414	461
<b>Men, 16 years and over</b>								
Civilian noninstitutional population .....	11,262	11,628	7,473	7,647	907	950	498	510
Civilian labor force .....	9,029	9,108	6,132	6,106	633	657	349	317
Percent of population .....	80.2	78.3	82.1	79.9	69.8	69.2	70.0	62.1
Employed .....	8,448	8,391	5,709	5,617	583	589	334	296
Agriculture .....	531	496	481	443	16	3	9	3
Nonagricultural industries .....	7,917	7,895	5,228	5,174	567	586	325	293
Unemployed .....	581	717	423	489	49	68	14	20
Unemployment rate .....	6.4	7.9	6.9	8.0	7.8	10.3	4.1	6.5
Not in labor force .....	2,233	2,520	1,341	1,541	274	293	149	193
<b>Men, 20 years and over</b>								
Civilian noninstitutional population .....	10,043	10,380	6,622	6,787	826	846	463	485
Civilian labor force .....	8,411	8,540	5,675	5,702	600	609	332	307
Percent of population .....	83.8	82.3	85.7	84.0	72.7	71.9	71.6	63.2
Employed .....	7,924	7,931	5,328	5,288	557	557	319	289
Agriculture .....	515	465	466	412	16	3	9	3
Nonagricultural industries .....	7,409	7,466	4,862	4,876	541	554	311	286
Unemployed .....	488	609	347	414	43	52	13	18
Unemployment rate .....	5.8	7.1	6.1	7.3	7.2	8.5	3.8	5.7
Not in labor force .....	1,632	1,840	947	1,085	226	237	131	178
<b>Women, 16 years and over</b>								
Civilian noninstitutional population .....	11,567	11,975	7,273	7,560	1,157	1,141	524	540
Civilian labor force .....	6,636	6,888	4,128	4,319	655	615	259	272
Percent of population .....	57.4	57.5	56.8	57.1	56.6	53.9	49.5	50.3
Employed .....	6,182	6,310	3,828	3,944	611	564	248	249
Agriculture .....	89	109	74	96	2	2	2	-
Nonagricultural industries .....	6,093	6,201	3,754	3,848	609	563	245	248
Unemployed .....	454	578	300	375	44	51	12	23
Unemployment rate .....	6.8	8.4	7.3	8.7	6.7	8.3	4.5	8.5
Not in labor force .....	4,931	5,087	3,145	3,240	503	526	265	268
<b>Women, 20 years and over</b>								
Civilian noninstitutional population .....	10,415	10,794	6,472	6,759	1,062	1,026	489	507
Civilian labor force .....	6,200	6,393	3,811	3,970	629	564	246	252
Percent of population .....	59.5	59.2	58.9	58.7	59.3	55.0	50.4	49.7
Employed .....	5,808	5,904	3,562	3,654	587	523	235	233
Agriculture .....	83	105	68	92	2	2	2	-
Nonagricultural industries .....	5,726	5,799	3,495	3,562	585	522	232	232
Unemployed .....	392	489	249	316	43	41	12	19
Unemployment rate .....	6.3	7.7	6.5	8.0	6.8	7.2	4.8	7.7
Not in labor force .....	4,215	4,401	2,661	2,788	433	462	243	255
<b>Both sexes, 16 to 19 years</b>								
Civilian noninstitutional population .....	2,372	2,429	1,651	1,660	176	219	70	57
Civilian labor force .....	1,054	1,063	774	753	58	99	30	30
Percent of population .....	44.4	43.8	46.9	45.4	32.9	45.3	42.5	( <sup>2</sup> )
Employed .....	898	866	647	619	51	73	28	23
Agriculture .....	22	35	21	35	-	-	-	-
Nonagricultural industries .....	876	831	626	584	51	73	28	23
Unemployed .....	156	197	128	134	7	26	2	7
Unemployment rate .....	14.8	18.5	16.5	17.8	( <sup>2</sup> )	26.3	( <sup>2</sup> )	( <sup>2</sup> )
Not in labor force .....	1,318	1,366	877	907	118	120	40	27

<sup>1</sup> Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

<sup>2</sup> Data not shown where base is less than 60,000.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-14. Employed white, black, and Hispanic-origin workers by sex, occupation, class of worker, and full- or part-time status**

(Numbers in thousands)

Category	Total		White		Black		Hispanic origin	
	1 2001	1 2002	1 2001	1 2002	1 2001	1 2002	1 2001	1 2002
<b>SEX</b>								
Total (all civilian workers) .....	134,845	132,974	113,081	111,539	15,208	14,911	14,630	14,701
Men .....	71,481	70,412	60,888	59,880	7,083	7,054	8,448	8,391
Women .....	63,364	62,562	52,193	51,659	8,125	7,857	6,182	6,310
<b>OCCUPATION</b>								
Managerial and professional specialty .....	41,690	41,860	36,045	36,201	3,373	3,343	2,011	2,145
Executive, administrative, and managerial .....	20,162	20,304	17,625	17,892	1,612	1,502	1,080	1,185
Professional specialty .....	21,528	21,556	18,420	18,309	1,760	1,841	931	960
Technical, sales, and administrative support .....	39,739	38,465	33,327	32,348	4,549	4,332	3,575	3,536
Technicians and related support .....	4,492	4,351	3,654	3,624	537	405	355	333
Sales occupations .....	16,290	15,843	14,098	13,694	1,405	1,453	1,420	1,393
Administrative support, including clerical .....	18,957	18,271	15,574	15,030	2,607	2,475	1,800	1,810
Service occupations .....	18,183	18,561	13,893	14,216	3,244	3,287	3,096	3,173
Private household .....	771	654	613	537	112	78	248	208
Protective service .....	2,400	2,590	1,842	1,933	493	580	252	260
Service, except private household and protective .....	15,012	15,317	11,439	11,747	2,639	2,629	2,596	2,705
Precision production, craft, and repair .....	14,724	14,153	12,999	12,497	1,205	1,121	2,143	2,176
Mechanics and repairers .....	4,787	4,571	4,277	4,051	386	390	530	521
Construction trades .....	5,978	5,997	5,393	5,412	423	394	1,033	1,098
Other precision production, craft, and repair .....	3,959	3,585	3,329	3,034	397	337	580	557
Operators, fabricators, and laborers .....	17,628	16,998	14,119	13,558	2,714	2,686	3,151	3,018
Machine operators, assemblers, and inspectors .....	6,953	6,391	5,534	5,065	1,000	992	1,413	1,212
Transportation and material moving occupations .....	5,491	5,648	4,418	4,488	904	983	644	719
Handlers, equipment cleaners, helpers, and laborers .....	5,184	4,959	4,167	4,005	809	711	1,095	1,088
Construction laborers .....	904	961	784	833	100	99	261	318
Other handlers, equipment cleaners, helpers, and laborers .....	4,279	3,998	3,383	3,172	710	613	834	770
Farming, forestry, and fishing .....	2,880	2,937	2,697	2,719	124	143	654	654
<b>CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	1,678	1,661	1,574	1,530	70	87	561	533
Self-employed workers .....	1,140	1,198	1,110	1,137	15	28	59	72
Unpaid family workers .....	24	26	23	25	1	-	-	1
Nonagricultural industries:								
Wage and salary workers .....	123,327	121,890	102,671	101,545	14,609	14,267	13,413	13,413
Government .....	19,350	19,497	15,675	15,630	2,858	3,005	1,547	1,593
Private industries .....	103,977	102,392	86,996	85,915	11,751	11,263	11,865	11,820
Private households .....	856	709	661	574	137	93	267	215
Other industries .....	103,121	101,683	86,335	85,341	11,614	11,170	11,598	11,605
Self-employed workers .....	8,538	8,097	7,579	7,208	507	527	592	675
Unpaid family workers .....	139	102	124	94	7	2	6	8
<b>FULL- OR PART-TIME STATUS</b>								
Full-time workers .....	110,995	109,153	92,305	90,927	13,157	12,767	12,567	12,414
Part-time workers .....	23,850	23,821	20,776	20,612	2,051	2,144	2,064	2,287

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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-15. Employed Mexican, Puerto Rican, and Cuban-origin workers by sex, occupation, class of worker, and full- or part-time status**

(In thousands)

Category	Total Hispanic origin <sup>1</sup>		Mexican origin		Puerto Rican origin		Cuban origin	
	I 2001	I 2002	I 2001	I 2002	I 2001	I 2002	I 2001	I 2002
<b>SEX</b>								
Total (all civilian workers) .....	14,630	14,701	9,537	9,561	1,194	1,154	582	545
Men .....	8,448	8,391	5,709	5,617	583	589	334	296
Women .....	6,182	6,310	3,828	3,944	611	564	248	249
<b>OCCUPATION</b>								
Managerial and professional specialty .....	2,011	2,145	1,112	1,185	254	220	117	117
Executive, administrative, and managerial .....	1,080	1,185	616	687	137	106	60	64
Professional specialty .....	931	960	496	498	117	114	57	53
Technical, sales, and administrative support .....	3,575	3,536	2,158	2,127	378	363	197	192
Technicians and related support .....	355	333	198	185	34	32	34	23
Sales occupations .....	1,420	1,393	842	805	117	139	96	68
Administrative support, including clerical .....	1,800	1,810	1,117	1,137	226	191	68	100
Service occupations .....	3,096	3,173	1,946	1,984	233	246	83	98
Private household .....	248	208	139	94	5	4	2	4
Protective service .....	252	260	136	148	45	44	8	11
Service, except private household and protective .....	2,596	2,705	1,672	1,741	183	198	74	83
Precision production, craft, and repair .....	2,143	2,176	1,497	1,546	134	132	77	73
Mechanics and repairers .....	530	521	338	333	64	54	26	24
Construction trades .....	1,033	1,098	773	824	32	38	27	32
Other precision production, craft, and repair .....	580	557	386	388	38	39	24	18
Operators, fabricators, and laborers .....	3,151	3,018	2,223	2,145	179	182	101	60
Machine operators, assemblers, and inspectors .....	1,413	1,212	1,018	842	91	67	35	16
Transportation and material moving occupations .....	644	719	410	478	50	63	28	17
Handlers, equipment cleaners, helpers, and laborers .....	1,095	1,088	795	825	39	51	38	27
Construction laborers .....	261	318	213	255	7	5	3	18
Other handlers, equipment cleaners, helpers, and laborers .....	834	770	582	570	32	46	35	10
Farming, forestry, and fishing .....	654	654	600	575	16	12	7	4
<b>CLASS OF WORKER</b>								
Agriculture:								
Wage and salary workers .....	561	533	507	482	15	4	8	3
Self-employed workers .....	59	72	47	57	2	-	3	-
Unpaid family workers .....	-	1	-	-	-	1	-	-
Nonagricultural industries:								
Wage and salary workers .....	13,413	13,413	8,618	8,591	1,140	1,117	537	521
Government .....	1,547	1,593	1,021	1,034	191	170	55	64
Private industries .....	11,865	11,820	7,597	7,556	949	947	482	457
Private households .....	267	215	149	98	6	4	2	4
Other industries .....	11,598	11,605	7,448	7,459	943	942	481	452
Self-employed workers .....	592	675	361	428	37	32	34	20
Unpaid family workers .....	6	8	3	3	-	-	-	-
<b>FULL- OR PART-TIME STATUS</b>								
Full-time workers .....	12,567	12,414	8,209	8,098	1,028	958	500	447
Part time workers .....	2,064	2,287	1,329	1,463	167	196	82	97

<sup>1</sup> Includes persons of Central or South American origin and of other Hispanic origin, not shown separately.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-16. Employed persons by age, sex, race, and Hispanic origin**

(In thousands)

Age and sex	Total		White		Black		Hispanic origin	
	I 2001	I 2002	I 2001	I 2002	I 2001	I 2002	I 2001	I 2002
Total, 16 years and over .....	134,845	132,974	113,081	111,539	15,208	14,911	14,630	14,701
16 to 19 years .....	6,645	6,096	5,743	5,258	634	572	898	866
16 to 17 years .....	2,370	2,132	2,062	1,867	203	171	247	234
18 to 19 years .....	4,275	3,964	3,681	3,390	431	401	651	632
20 to 24 years .....	13,245	12,899	11,013	10,830	1,647	1,482	1,993	2,004
25 years and over .....	114,954	113,978	96,326	95,451	12,927	12,857	11,739	11,831
25 to 54 years .....	96,910	95,070	80,511	78,874	11,347	11,219	10,595	10,594
55 years and over .....	18,044	18,908	15,814	16,577	1,580	1,638	1,144	1,237
Men, 16 years and over .....	71,481	70,412	60,888	59,880	7,083	7,054	8,448	8,391
16 to 19 years .....	3,352	3,002	2,896	2,566	319	299	525	460
16 to 17 years .....	1,164	990	995	860	117	84	142	117
18 to 19 years .....	2,188	2,012	1,901	1,706	203	215	382	344
20 to 24 years .....	6,793	6,612	5,752	5,621	753	685	1,155	1,137
25 years and over .....	61,336	60,797	52,240	51,694	6,011	6,070	6,769	6,794
25 to 54 years .....	51,483	50,591	43,521	42,665	5,254	5,274	6,076	6,110
55 years and over .....	9,853	10,206	8,720	9,028	757	795	693	684
Women, 16 years and over .....	63,364	62,562	52,193	51,659	8,125	7,857	6,182	6,310
16 to 19 years .....	3,293	3,094	2,847	2,692	315	273	374	406
16 to 17 years .....	1,206	1,142	1,067	1,007	87	88	105	118
18 to 19 years .....	2,087	1,952	1,780	1,684	228	186	269	288
20 to 24 years .....	6,452	6,287	5,261	5,210	894	796	838	868
25 years and over .....	53,619	53,181	44,085	43,757	6,916	6,787	4,970	5,037
25 to 54 years .....	45,427	44,479	36,991	36,209	6,094	5,945	4,519	4,483
55 years and over .....	8,192	8,702	7,095	7,549	823	843	451	553

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.

**HOUSEHOLD DATA**  
**NOT SEASONALLY ADJUSTED**  
**QUARTERLY AVERAGES**

**D-17. Unemployment rates by age, sex, race, and Hispanic origin**

(Percent)

Age and sex	Total		White		Black		Hispanic origin	
	I 2001	I 2002	I 2001	I 2002	I 2001	I 2002	I 2001	I 2002
Total, 16 years and over .....	4.6	6.2	4.1	5.5	8.4	10.5	6.6	8.1
16 to 19 years .....	14.3	16.9	12.1	15.0	29.0	31.2	14.8	18.5
16 to 17 years .....	17.8	18.8	15.6	17.5	35.4	32.0	20.0	22.8
18 to 19 years .....	12.2	15.8	10.1	13.6	25.5	30.8	12.6	16.8
20 to 24 years .....	8.1	10.7	7.0	9.1	14.0	20.6	8.4	10.9
25 years and over .....	3.5	5.0	3.2	4.5	6.2	7.9	5.6	6.7
25 to 54 years .....	3.6	5.2	3.2	4.7	6.6	8.3	5.6	6.7
55 years and over .....	3.0	4.0	3.0	3.8	3.3	5.0	6.0	6.5
Men, 16 years and over .....	4.9	6.7	4.4	6.1	9.1	11.3	6.4	7.9
16 to 19 years .....	16.1	18.9	14.1	16.9	28.8	32.7	15.2	19.0
16 to 17 years .....	20.0	21.9	18.8	20.2	27.4	35.5	20.6	24.1
18 to 19 years .....	13.9	17.4	11.5	15.1	29.6	31.6	12.9	17.1
20 to 24 years .....	9.4	12.1	8.5	10.6	14.8	22.4	8.7	11.3
25 years and over .....	3.7	5.3	3.3	4.9	7.0	8.4	5.3	6.4
25 to 54 years .....	3.7	5.5	3.3	5.0	7.4	8.9	5.2	6.2
55 years and over .....	3.4	4.5	3.4	4.4	3.9	4.8	6.4	8.0
Women, 16 years and over .....	4.2	5.6	3.7	5.0	7.7	9.8	6.8	8.4
16 to 19 years .....	12.4	14.8	10.0	13.2	29.2	29.4	14.3	18.0
16 to 17 years .....	15.7	15.9	12.4	15.0	43.8	28.2	19.2	21.5
18 to 19 years .....	10.3	14.1	8.5	12.1	21.4	29.9	12.2	16.4
20 to 24 years .....	6.6	9.2	5.4	7.4	13.3	19.0	8.1	10.5
25 years and over .....	3.4	4.6	3.0	4.1	5.6	7.5	6.0	7.1
25 to 54 years .....	3.5	4.8	3.1	4.3	6.0	7.8	6.1	7.5
55 years and over .....	2.6	3.4	2.4	3.2	2.8	5.2	5.3	4.6

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-18. Unemployed persons by reason for unemployment, race, and Hispanic origin**

(Numbers in thousands)

Reasons	Total		White		Black		Hispanic origin	
	I 2001	I 2002	I 2001	I 2002	I 2001	I 2002	I 2001	I 2002
<b>NUMBER OF UNEMPLOYED</b>								
Total unemployed .....	6,501	8,767	4,809	6,552	1,387	1,747	1,035	1,295
Job losers and persons who completed temporary jobs .....	3,350	5,048	2,591	3,892	636	898	570	732
On temporary layoff .....	1,354	1,518	1,148	1,250	164	195	251	246
Not on temporary layoff .....	1,997	3,530	1,443	2,642	472	704	320	486
Permanent job losers .....	1,383	2,700	1,010	2,037	324	507	184	304
Persons who completed temporary jobs .....	614	830	432	605	147	197	135	182
Job leavers .....	829	894	624	737	156	118	96	111
Reentrants .....	1,974	2,387	1,371	1,632	505	616	290	350
New entrants .....	347	438	224	292	90	115	78	102
<b>PERCENT DISTRIBUTION</b>								
Job losers and persons who completed temporary jobs .....	51.5	57.6	53.9	59.4	45.8	51.4	55.1	56.5
On temporary layoff .....	20.8	17.3	23.9	19.1	11.8	11.1	24.2	19.0
Not on temporary layoff .....	30.7	40.3	30.0	40.3	34.0	40.3	30.9	37.6
Job leavers .....	12.8	10.2	13.0	11.2	11.3	6.8	9.3	8.5
Reentrants .....	30.4	27.2	28.5	24.9	36.4	35.2	28.1	27.0
New entrants .....	5.3	5.0	4.7	4.5	6.5	6.6	7.6	7.9
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>								
Job losers and persons who completed temporary jobs .....	2.4	3.6	2.2	3.3	3.8	5.4	3.6	4.6
Job leavers .....	.6	.6	.5	.6	.9	.7	.6	.7
Reentrants .....	1.4	1.7	1.2	1.4	3.0	3.7	1.9	2.2
New entrants .....	.2	.3	.2	.2	.5	.7	.5	.6

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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-19. Unemployed persons by duration of unemployment, race, and Hispanic origin**

(Numbers in thousands)

Duration	Total		White		Black		Hispanic origin	
	I 2001	I 2002	I 2001	I 2002	I 2001	I 2002	I 2001	I 2002
<b>NUMBER OF UNEMPLOYED</b>								
Total, 16 years and over .....	6,501	8,767	4,809	6,552	1,387	1,747	1,035	1,295
Less than 5 weeks .....	2,750	3,028	2,149	2,364	482	516	453	497
5 to 14 weeks .....	2,164	2,883	1,614	2,196	442	534	349	422
15 weeks and over .....	1,587	2,856	1,047	1,992	462	698	233	375
15 to 26 weeks .....	867	1,566	611	1,093	224	375	130	228
27 weeks and over .....	720	1,290	436	899	239	323	103	147
Average (mean) duration, in weeks .....	12.8	15.1	11.5	14.3	17.0	18.1	12.0	14.0
Median duration, in weeks .....	6.7	8.9	6.0	8.4	8.8	10.6	6.5	8.1
<b>PERCENT DISTRIBUTION</b>								
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	42.3	34.5	44.7	36.1	34.8	29.5	43.7	38.4
5 to 14 weeks .....	33.3	32.9	33.6	33.5	31.9	30.5	33.7	32.6
15 weeks and over .....	24.4	32.6	21.8	30.4	33.3	40.0	22.5	29.0
15 to 26 weeks .....	13.3	17.9	12.7	16.7	16.1	21.5	12.6	17.6
27 weeks and over .....	11.1	14.7	9.1	13.7	17.2	18.5	10.0	11.4

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.

HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES

D-20. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	I 2001	I 2002	I 2001	I 2002
<b>SEX AND AGE</b>				
Total, 16 years and over .....	99,054	97,165	\$592	\$614
Men, 16 years and over .....	55,382	54,188	668	688
16 to 24 years .....	6,195	5,640	384	410
25 years and over .....	49,187	48,548	718	734
Women, 16 years and over .....	43,673	42,977	508	535
16 to 24 years .....	4,831	4,521	358	375
25 years and over .....	38,842	38,456	535	574
<b>RACE, HISPANIC ORIGIN, AND SEX</b>				
White .....	81,758	80,357	610	629
Men .....	46,862	45,739	695	708
Women .....	34,896	34,618	520	549
Black .....	12,527	12,101	477	511
Men .....	5,899	5,820	505	538
Women .....	6,628	6,281	440	494
Hispanic origin .....	11,627	11,582	407	421
Men .....	7,083	7,067	424	456
Women .....	4,543	4,515	377	388

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.



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-21. Median weekly earnings of part-time wage and salary workers by selected characteristics**

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	I 2001	I 2002	I 2001	I 2002
<b>SEX AND AGE</b>				
Total, 16 years and over .....	21,431	21,658	\$175	\$179
Men, 16 years and over .....	6,799	6,957	163	170
16 to 24 years .....	3,696	3,731	129	143
25 years and over .....	3,103	3,226	221	219
Women, 16 years and over .....	14,632	14,701	181	184
16 to 24 years .....	4,752	4,700	127	133
25 years and over .....	9,880	10,001	214	215
<b>RACE, HISPANIC ORIGIN, AND SEX</b>				
White .....	18,488	18,564	175	180
Men .....	5,654	5,796	163	170
Women .....	12,835	12,767	182	186
Black .....	1,959	2,061	170	168
Men .....	737	754	151	168
Women .....	1,222	1,306	181	168
Hispanic origin .....	2,027	2,166	175	184
Men .....	716	716	174	190
Women .....	1,310	1,451	176	181

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.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED  
QUARTERLY AVERAGES**

**D-22. Median weekly earnings of full-time wage and salary workers by occupation and sex**

Occupation and sex	Number of workers (in thousands)		Median weekly earnings	
	I 2001	I 2002	I 2001	I 2002
<b>TOTAL</b>				
Managerial and professional specialty .....	31,990	32,099	\$853	\$887
Executive, administrative, and managerial .....	15,754	15,823	865	901
Professional specialty .....	16,236	16,276	844	875
Technical, sales, and administrative support .....	28,412	27,277	519	550
Technicians and related support .....	3,715	3,506	660	691
Sales occupations .....	10,239	9,745	579	603
Administrative support, including clerical .....	14,458	14,026	483	502
Service occupations .....	11,025	11,196	367	378
Private household .....	380	302	265	267
Protective service .....	2,101	2,314	613	665
Service, except private household and protective .....	8,544	8,580	330	347
Precision production, craft, and repair .....	12,120	11,407	622	644
Mechanics and repairers .....	4,143	3,994	654	679
Construction trades .....	4,405	4,228	603	623
Other precision production, craft, and repair .....	3,572	3,185	619	627
Operators, fabricators, and laborers .....	14,312	13,872	454	486
Machine operators, assemblers, and inspectors .....	6,220	5,608	446	485
Transportation and material moving occupations .....	4,108	4,376	556	574
Handlers, equipment cleaners, helpers, and laborers .....	3,984	3,888	390	400
Farming, forestry, and fishing .....	1,196	1,315	370	359
<b>Men</b>				
Managerial and professional specialty .....	16,179	15,843	1,029	1,053
Executive, administrative, and managerial .....	8,331	8,263	1,059	1,091
Professional specialty .....	7,848	7,580	1,009	1,021
Technical, sales, and administrative support .....	10,708	10,400	681	691
Technicians and related support .....	1,905	1,717	796	851
Sales occupations .....	5,617	5,426	725	727
Administrative support, including clerical .....	3,186	3,257	583	580
Service occupations .....	5,420	5,474	429	442
Private household .....	23	14	( <sup>1</sup> )	( <sup>1</sup> )
Protective service .....	1,755	1,881	\$639	\$721
Service, except private household and protective .....	3,642	3,579	366	372
Precision production, craft, and repair .....	11,016	10,479	643	656
Mechanics and repairers .....	3,921	3,781	661	683
Construction trades .....	4,324	4,154	605	623
Other precision production, craft, and repair .....	2,771	2,544	684	671
Operators, fabricators, and laborers .....	11,022	10,932	491	516
Machine operators, assemblers, and inspectors .....	4,030	3,776	504	532
Transportation and material moving occupations .....	3,731	4,046	576	585
Handlers, equipment cleaners, helpers, and laborers .....	3,261	3,111	405	411
Farming, forestry, and fishing .....	1,036	1,059	376	370
<b>Women</b>				
Managerial and professional specialty .....	15,811	16,255	731	760
Executive, administrative, and managerial .....	7,423	7,559	710	741
Professional specialty .....	8,387	8,696	745	774
Technical, sales, and administrative support .....	17,704	16,877	469	487
Technicians and related support .....	1,810	1,788	556	584
Sales occupations .....	4,622	4,320	423	445
Administrative support, including clerical .....	11,272	10,769	464	485
Service occupations .....	5,605	5,722	319	332
Private household .....	357	288	269	264
Protective service .....	346	433	483	470
Service, except private household and protective .....	4,902	5,000	317	328
Precision production, craft, and repair .....	1,104	928	466	495
Mechanics and repairers .....	222	213	556	591
Construction trades .....	81	74	( <sup>1</sup> )	( <sup>1</sup> )
Other precision production, craft, and repair .....	801	640	\$432	\$454
Operators, fabricators, and laborers .....	3,290	2,939	361	388
Machine operators, assemblers, and inspectors .....	2,190	1,832	368	393
Transportation and material moving occupations .....	377	330	412	440
Handlers, equipment cleaners, helpers, and laborers .....	723	777	317	363
Farming, forestry, and fishing .....	159	256	344	314

<sup>1</sup> Data not shown where base is less than 100,000.

# 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 60,000 households (beginning with July 2001 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 350,000 establishments employing about 39 million nonfarm wage and salary workers. The data relate to all workers, full or part time, who receive pay during the payroll period that includes the 12th of the month.

### RELATIONSHIP 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 that 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, because 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, or 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 or 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*, Bulletin 2239 (Bureau of Labor Statistics, 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 job-holders, who are counted more than once if they work on more than one farm during the reporting period. There also are 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 non-comparability 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 also are differences in the scope of the industries covered—for example, 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 also may 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 older. The inquiry relates to activity or status during the calendar week, Sunday through Saturday, that 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 60,000 occupied units are eligible for interview. Some 4,500 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 7 and 8 percent. In addition to the 60,000 occupied units, there are about 12,000 sample units in an average month that 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 (for example, 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 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, childcare 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 sometime 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 also is 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*, comprising (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 who were out of the labor force prior to beginning their job search; and (5) *New entrants*, persons who had 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 who 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, either had 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 for full-time work 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, childcare 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 are 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 his or her activity during the reference week, persons also are 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 lay-off 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.

**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 (for example, 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 their businesses were incorporated) who usually work full time on their sole or primary job.

**Median earnings.** These figures indicate the value that 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 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, on 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 to husbands and wives who are living apart because one or the other was employed elsewhere or was on duty with the Armed Forces, or for 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 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 been 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 "The Current Population Survey: Design and Methodology," Technical Paper 63RV (Washington, U.S. Census Bureau and Bureau of Labor Statistics, March 2002), available on the Internet at [www.bls.census.gov/cps/tp/tp63.htm](http://www.bls.census.gov/cps/tp/tp63.htm); "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 also have 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 for men; other categories were relatively unaffected.

- Beginning in 1960, the inclusion of Alaska and Hawaii resulted in increases of about 500,000 in the population and about 300,000 in the labor force. Four-fifths of the labor force 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 in 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 to 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 rationale for 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 rationale for the change and an indication of its effect on national estimates for 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 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 was increased 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 an indication of 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 estimation procedures 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 for 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 was increased by 325,000. Overall and subgroup unemployment rates and other percentages of labor market participation were not affected. An explanation of the changes and an indication of 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 more easily replicate 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, the differences resulting from the use of old and new composite weights 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 United States 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 force 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 an indication of 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 an indication of 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 more precisely determine the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employ-

ment 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 and of 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 based largely 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 traditionally is 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; the households 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 initially was selected to meet specific reliability criteria for the Nation, for each of the 50 States and the District of Columbia, and for the substate 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. In July 2001, the CPS sample was expanded to support the State Children's Health Insurance Program. For further information on the sample expansion, see "Expansion of the Current Population Survey Sample Effective July 2001" in the August 2001 issue of this publication. 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 July 2001, includes about 72,000 "assigned" housing units from 754 sample areas. Sufficient sample is allocated to maintain, at most, a 1.9-percent CV on national monthly estimates of unemployment level, assuming a 6-percent unemployment rate. 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. About 60,000 housing units are required in order to meet the national and State reliability criteria. Due to the national reliability criterion, estimates for several large States are substantially more reliable than the State design criterion requires. Annual average unemployment estimates for California, Florida, New York, and Texas, for example, carry a CV of less than 4 percent. In support of the State Children's Health Insurance Program, about 12,000 additional housing units are allocated to the District of Columbia and 31 States. (These are generally the States with the smallest samples after the 60,000 housing units are allocated to satisfy the national and State reliability criteria.)

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 72,000 housing units are assigned for data collection, of which about 60,000 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 60,000 housing units, about 7.5 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 112,000 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 hous-

ing 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 nonself-representing because it represents not only itself but the entire stratum. The probability of selecting a particular PSU in a nonself-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 (for example, most single-family homes, townhouses, condominiums, apartment units, and mobile homes). The group-quarters stratum contained housing units in which 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 sort-

ing 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 decennial 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 that 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 is common 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 data series 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 63RV, (Washington, U.S. Census Bureau and Bureau of Labor Statistics, March 2002), available on the Internet at [www.bls.census.gov/cps/tp/tp63.htm](http://www.bls.census.gov/cps/tp/tp63.htm). 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. A description of the sample expansion in support of the State Children's Health Insurance Program appears in "Expansion of the Current Population Survey Sample Effective July 2001" in the August 2001 issue of this publication and in Appendix J, "Changes to the Current Population Survey Sample in July 2001," of Technical Paper 63RV referenced above.

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

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
Apr. 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 June 2001 .....	754	46,250	3,750	10,000
July 2001 to present <sup>5</sup> .....	754	55,500	4,500	12,000

<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.

<sup>5</sup> Includes 12,000 assigned housing units in support of the State Children's Health Insurance Program.

## 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.

**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 7 to 8 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. Estimates 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 usually are also 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**

An estimate based on a sample survey has two types of error — sampling error and nonsampling error. The estimated standard errors provided in this publication are approximations of the true sampling errors. They 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. The effect of nonsampling error is small on estimates of relative change, such as month-to-month change; estimates of monthly levels tend to be affected to a greater degree.

Nonsampling errors in surveys can be attributed to many sources, for example, 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 of respondents 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 may be found in Appendix G, "Reinterview: Design and Methodology," of "The Current Population Survey: Design and Methodology," Technical Paper 63RV (Washington, U.S. Census Bureau and Bureau of Labor Statistics, March 2002), available on the Internet at [www.bls.census.gov/cps/tp/tp63.htm](http://www.bls.census.gov/cps/tp/tp63.htm).

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, because the level of the estimates varies by rotation group. A description appears in Barbara A. Bailar, "The Effects of Rotation Group Bias on Estimates from Panel Surveys," *Journal of the American Statistical Association*, March 1975, pp. 23-30.

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 is 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 characteristics different from those of interviewed persons in the same age-sex-race-origin group.

Additional information on nonsampling error in the CPS appears in Camilla Brooks and Barbara Bailar, "An Error Profile: Employment as Measured by the Current Population Survey," Statistical Policy Working Paper 3 (Washington, U.S. Department of Commerce, Office of Federal Statistical Policy and Standards, September 1978); Marvin Thompson and Gary Shapiro, "The Current Population Survey: An Overview," *Annals of Economic and Social Measurement*, Vol. 2, April 1973; and "The Current Population Survey: Design and Methodology," Technical Paper 63RV referenced above. The 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, an estimate made from each sample, and a suitable estimate of 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 1.645 standard errors below the estimate to 1.645 standard errors above the estimate would include the true population value.
3. Approximately 95 percent of the intervals from 1.96 standard errors below the estimate to 1.96 standard errors above the estimate would include the true population value.

These confidence interval statements are approximately true for the CPS. Although the estimating methods used in the CPS do not produce unbiased estimates, biases for most estimates are believed to be small. Methods for estimating standard errors reflect not only sampling errors but also some kinds of nonsampling error. Although both the estimates and the estimated standard errors depart from the theoretical

ideal, the departures are minor and have little impact on the confidence interval statements. When clarity is needed, an estimated confidence interval is specified to be "approximate," as is the estimated standard error used in the computation.

Tables 1-B through 1-D are provided so that approximate standard errors of estimates can be easily obtained. Tables 1-B and 1-C give approximate standard errors for estimated monthly levels and rates for selected employment status characteristics; the tables also provide approximate standard errors for consecutive month-to-month changes in the estimates. It is impractical to show approximate standard errors for all CPS estimates in this publication, so table 1-D provides parameters and factors that allow the user to calculate

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

Characteristic	Monthly level	Consecutive month-to-month change
<b>Total</b>		
Total, 16 years and over:		
Civilian labor force .....	267	174
Employed .....	273	177
Unemployed .....	131	166
Men, 20 years and over:		
Civilian labor force .....	184	120
Employed .....	196	128
Unemployed .....	83	106
Women, 20 years and over:		
Civilian labor force .....	209	136
Employed .....	215	140
Unemployed .....	77	98
Both sexes, 16 to 19 years:		
Civilian labor force .....	90	87
Employed .....	95	91
Unemployed .....	56	93
<b>Black</b>		
Total, 16 years and over:		
Civilian labor force .....	113	73
Employed .....	121	79
Unemployed .....	64	81
Men, 20 years and over:		
Civilian labor force .....	81	53
Employed .....	85	55
Unemployed .....	39	50
Women, 20 years and over:		
Civilian labor force .....	72	47
Employed .....	77	50
Unemployed .....	40	50
Both sexes, 16 to 19 years:		
Civilian labor force .....	42	40
Employed .....	39	38
Unemployed .....	28	46
<b>Hispanic origin</b>		
Total, 16 years and over:		
Civilian labor force .....	90	59
Employed .....	100	65
Unemployed .....	54	69



Table 1-C. Approximate standard errors for unemployment rates by major characteristics  
(In percent)

Characteristic	Monthly rate	Consecutive month-to-month change
Total .....	0.09	0.12
Men .....	.12	.16
Men, 20 years and over .....	.12	.15
Women .....	.13	.17
Women, 20 years and over .....	.13	.16
Both sexes, 16 to 19 years .....	.66	1.08
White .....	.10	.12
Black .....	.39	.49
Hispanic origin .....	.37	.47
Married men, spouse present .....	.12	.15
Married women, spouse present .....	.14	.18
Women who maintain families .....	.43	.54
<b>Occupation</b>		
Managerial and professional specialty .....	.12	.15
Executive, administrative, and managerial .....	.17	.21
Professional specialty .....	.16	.21
Technical, sales, and administrative support .....	.16	.21
Technicians and related support .....	.39	.49
Sales occupations .....	.27	.34
Administrative support, including clerical .....	.23	.29
Service occupations .....	.29	.37
Private household .....	1.51	1.92
Protective service .....	.58	.74
Service, except private household and protective .....	.33	.42
Precision production, craft, and repair .....	.28	.35
Mechanics and repairers .....	.40	.50
Construction trades .....	.50	.64
Other precision production, craft, and repair .....	.50	.63
Operators, fabricators, and laborers .....	.30	.38
Machine operators, assemblers, and inspectors .....	.45	.57
Transportation and material moving occupations .....	.45	.58
Handlers, equipment cleaners, helpers, and laborers .....	.66	.84
Construction laborers .....	1.80	2.29
Other handlers, equipment cleaners, helpers, and laborers .....	.69	.88
Farming, forestry, and fishing .....	.72	.91
<b>Industry</b>		
Nonagricultural private wage and salary workers .....	.11	.14
Goods-producing industries .....	.22	.27
Mining .....	1.67	2.12
Construction .....	.51	.65
Manufacturing .....	.23	.29
Durable goods .....	.29	.36
Nondurable goods .....	.38	.48
Service-producing industries .....	.12	.16
Transportation, communications, and public utilities .....	.34	.43
Wholesale and retail trade .....	.23	.30
Finance, insurance, and real estate .....	.29	.37
Services .....	.18	.23
Government workers .....	.18	.23
Agricultural wage and salary workers .....	1.07	1.36

approximate standard errors for a wide range of estimated levels, rates, and percentages, and also changes over time. The parameters and factors are used in formulas that are commonly called *generalized variance functions*.

The approximate standard errors provided in this publication are based on the sample design and estimation procedures as of 1996, and reflect the population levels and sample size as of that year. Standard errors for years prior to 1996 may be roughly approximated by applying these adjustments to the standard errors presented here. (More accurate standard error estimates for historical CPS data may be found in previous issues of this publication.)

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.

**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, occupational, and industrial categories. For characteristics not given in tables 1-B and 1-C, refer to table 1-D.

**Illustration.** Suppose that, for a given month, the number of women age 20 years and over in the civilian labor force is estimated to be 60,000,000. For this characteristic, the approximate standard error of 209,000 is given in table 1-B in the row "Women, 20 years and over; Civilian labor force." To calculate an approximate 90-percent confidence interval, multiply the standard error of 209,000 by the factor 1.645 to obtain 344,000. This number is subtracted from and then added to 60,000,000 to obtain an approximate 90-percent confidence interval: 59,656,000 to 60,344,000. Concluding that the true civilian labor force level lies within an interval calculated in this way would be correct for roughly 90 percent of all possible samples that could have been selected for the CPS.

**Use of table 1-D.** This table gives *a* and *b* parameters that can be used with formulas to calculate approximate monthly standard errors for a wide range of estimated levels, proportions, and rates. Factors are provided to convert monthly measures into approximate standard errors of estimates for other periods (quarterly and yearly averages) and approximate standard errors for changes over time (consecutive monthly changes, changes in consecutive quarterly and yearly averages, and changes in monthly estimates 1 year apart).

The standard errors for estimated changes in level from one month to the next, one year to the next, etc., depend more on the monthly levels for characteristics than on the size of the changes. Likewise, the standard errors for changes in rates (or percentages) depend more on the monthly rates (or percentages) than on the size of the changes. Accordingly, the factors presented in table 1-D are applied to the monthly standard error approximations for levels, percentages, or rates; the magnitudes of the changes do not come into play. Factors are not given for estimated changes between nonconsecutive months (except for changes of monthly estimates 1 year apart); however, the standard errors may be assumed to be higher than the standard errors for consecutive monthly changes.

**Standard errors of estimated levels using table 1-D.** The approximate standard error  $se(x)$  of  $x$ , an estimated monthly level, can be obtained using the formula below, where  $a$  and  $b$  are the parameters from table 1-D associated with a particular characteristic.

$$se(x) = \sqrt{ax^2 + bx}$$

**Illustration.** Assume that, in a given a month, there are an estimated 3 million unemployed men. Obtain the appropriate  $a$  and  $b$  parameters from table 1-D (Total or white; Men; Unemployed). Use the formula for  $se(x)$  to compute an approximate standard error on the estimate of  $x = 3,000,000$ .

$$a = -0.0000348 \quad b = 2927.43$$

$$se(3,000,000) = \sqrt{-0.0000348(3,000,000)^2 + 2927.43(3,000,000)} \approx 92,000$$

**Procedure for using table 1-D factors for levels.** Table 1-D gives factors that can be used to compute approximate standard errors of levels for other periods or for changes over time. For each characteristic, factors  $f$  are given for:

- Consecutive month-to-month changes
- Changes in monthly estimates 1 year apart
- Quarterly averages
- Changes in consecutive quarterly averages
- Yearly averages
- Changes in consecutive yearly averages

For a given characteristic, the table 1-D factor is used in the following formula, which also uses the  $a$  and  $b$  parameters from the same line of the table. A three-step procedure for using the formula is given. The  $f$  in the formula is frequently called an *adjustment factor*, because it appears to adjust a monthly standard error  $se(x)$ . However, the  $x$  in the formula is not a monthly level, but an average of several

monthly levels (see examples listed under Step 1, below).

$$se(x, f) = f * se(x) = f * \sqrt{ax^2 + bx}$$

where  $x$  is an average of monthly levels over a designated period.

Step 1. Average monthly levels appropriately in order to obtain  $x$ . Levels for 3 months are averaged for quarterly averages, and those for 12 months are averaged for yearly averages. For changes in consecutive averages, average over the 2 months, 2 quarters, or 2 years involved. For changes in monthly estimates 1 year apart, average the 2 months involved.

Step 2. Calculate an approximate standard error  $se(x)$ , treating the average  $x$  from step 1 as if it were an estimate of level for a single month. Obtain parameters  $a$  and  $b$  from table 1-D. (Note that, for some characteristics, an approximate standard error of level could instead be obtained from table 1-B and used in place of  $se(x)$  in the formula.)

Step 3. Determine the standard error  $se(x, f)$  on the average level or on the change in level. Multiply the result from step 2 by the appropriate factor  $f$ . The  $a$  and  $b$  parameters used in step 2 and the factor  $f$  used in this step come from the same line in table 1-D.

**Illustration of a standard error computation for consecutive month change in level.** Continuing the previous example, suppose that in the next month the estimated number of unemployed men increases by 150,000, from 3,000,000 to 3,150,000.

Step 1. The average of the two monthly levels is  $x = 3,075,000$ .

Step 2. Apply the  $a$  and  $b$  parameters from table 1-D (Total or white; Men; Unemployed) to the average  $x$ , treating it like an estimate for a single month.

$$a = -0.0000348 \quad b = 2927.43$$

$$se(3,075,000) = \sqrt{-0.0000348(3,075,000)^2 + 2927.43(3,075,000)} \approx 93,000$$

Step 3. Obtain  $f = 1.27$  from the same row of table 1-D in the column "Consecutive month-to-month change," and multiply the factor by the result from step 2.

$$se(150,000) = f * se(3,075,000) = 1.27 * 93,000 \approx 118,000$$

For an approximate 90-percent confidence interval, compute  $1.645 * 118,000 \approx 194,000$ . Subtract the number from and add the number to 150,000 to obtain an interval

of -44,000 to 344,000. This is an approximate 90-percent confidence interval for the true change, and since this interval includes zero, one cannot assert at this level of confidence that any real change has occurred in the unemployment level. The result also can be expressed by saying that the apparent change of 150,000 is not significant at a 90-percent confidence level.

**Illustration of a standard error computation for quarterly average level.** Suppose that an approximate standard error is desired for a quarterly average of the black employment level. Suppose that the estimated employment levels for the 3 months making up the quarter are 14,900,000, 15,000,000, and 15,100,000.

Step 1. The average of the three monthly levels is  $x = 15,000,000$ .

Step 2. Apply the  $a$  and  $b$  parameters from table 1-D (Black; Total; Civilian labor force, employed, and not in labor force) to the average  $x$ , treating it like an estimate for a single month.

$$a = -0.0001541 \quad b = 3295.99$$

$$se(15,000,000) = \sqrt{-0.0001541(15,000,000)^2 + 3295.99(15,000,000)} \approx 122,000$$

Step 3. Obtain  $f = .86$  from the same row of table 1-D in the column "Quarterly averages," and multiply the factor by the result from step 2.

$$se(15,000,000) = .86 * 122,000 \approx 105,000$$

**Illustration of a standard error computation for change in quarterly level.** Continuing the example, suppose that, in the next quarter, the estimated average employment level for blacks is 15,400,000, based on monthly levels of 15,300,000, 15,400,000, and 15,500,000. This is an estimated increase of 400,000 over the previous quarter.

Step 1. The average of the two quarterly levels is  $x = 15,200,000$ .

Step 2. Apply the  $a$  and  $b$  parameters from table 1-D (Black; Total; Civilian labor force, employed, and not in labor force) to the average  $x$ , treating it like an estimate for a single month.

$$a = -0.0001541 \quad b = 3295.99$$

$$se(15,200,000) = \sqrt{-0.0001541(15,200,000)^2 + 3295.99(15,200,000)} \approx 120,000$$

Step 3. Obtain  $f = .78$  from the same row of table 1-D in the column "Change in consecutive quarterly averages," and multiply the factor by the result from step 2.

$$se(400,000) = .78 * se(15,200,000) = .78 * 120,000 \approx 94,000$$

For an approximate 95-percent confidence interval, compute  $1.96 * 94,000 \approx 184,000$ . Subtract the number from and

add the number to 400,000 to obtain an interval of 216,000 to 584,000. The interval excludes zero. Another way of stating this is to observe that the estimated change of 400,000 clearly exceeds 1.96 standard errors, or 184,000. One can conclude from these data that the change in quarterly averages is significant at a 95-percent confidence level.

**Standard errors of estimated rates and percentages using table 1-D.** As shown in the formula below, the approximate standard error  $se(p, y)$  of an estimated rate or percentage  $p$  depends, in part, upon the number of persons  $y$  in its base or denominator. Generally, rates and percentages are not published unless the monthly base is greater than 75,000 persons, the quarterly average base is greater than 60,000 persons, or the yearly average base is greater than 35,000 persons. The  $b$  parameter is obtained from table 1-D. When the base  $y$  and the numerator of  $p$  are from different categories within the table, use the  $b$  parameter from table 1-D relevant to the numerator of the rate or percentage.

$$se(p, y) = \sqrt{\frac{b}{y} p(100 - p)}$$

Note that  $se(p, y)$  is in percent.

**Illustration.** For a given month, suppose  $y = 6,200,000$  women 20 to 24 years of age are estimated to be employed. Of this total, 2,000,000, or  $p = 32$  percent, are classified as part-time workers. Obtain the parameter  $b = 3005.06$  from the table 1-D row (Employment; Part-time workers) that is relevant to the numerator of the percentage. Apply the formula to obtain:

$$se(p, y) = \sqrt{\frac{3005.06}{6,200,000} (32)(100 - 32)} \approx 1.0 \text{ percent}$$

For an approximate 95-percent confidence interval, compute  $1.96 * 1.0$  percent, and round the result to 2 percent. Subtract this from and add this to the estimate of  $p = 32$  percent to obtain an interval of 30 percent to 34 percent.

**Procedure for using table 1-D factors for rates and percentages.** Table 1-D factors can be used to compute approximate standard errors on rates and percentages for other periods or for changes over time. As for levels, there are three steps in the procedure for using the formula.

$$se(p, y, f) = f * se(p, y) = f * \sqrt{\frac{b}{y} p(100 - p)}$$

where  $p$  and  $y$  are averages of monthly estimates over a designated period. Note that  $se(p, y, f)$  is in percent.

Step 1. Appropriately average estimates of monthly rates or percentages to obtain  $p$ , and also average estimates of

monthly levels to obtain  $y$ . Rates for 3 months are averaged for quarterly averages, and those for 12 months are averaged for yearly averages. For changes in consecutive averages, average over the 2 months, 2 quarters, or 2 years involved. For changes in monthly estimates 1 year apart, average the 2 months involved.

Step 2. Calculate an approximate standard error  $se(p, y)$ , treating the averages  $p$  and  $y$  from step 1 as if they were estimates for a single month. Obtain the  $b$  parameter from the table 1-D row that describes the numerator of the rate or percentage. (Note that, for some characteristics, an approximate standard error could instead be obtained from table 1-C and used in place of  $se(p, y)$  in the formula.)

Step 3. Determine the standard error  $se(p, y, f)$  on the average level or on the change in level. Multiply the result from step 2 by the appropriate factor  $f$ . The  $b$  parameter used in step 2 and the factor  $f$  used in this step come from the same line in table 1-D.

**Illustration of a standard error computation for consecutive month change in percentage.** Continuing the previous example, suppose that, in the next month, 6,300,000 women 20 to 24 years of age are reported employed, and that 2,150,000, or 34 percent, are part-time workers.

Step 1. The month-to-month change is 2 percent = 34 percent - 32 percent. The average of the two monthly percentages of 32 percent and 34 percent is needed ( $p = 33$  percent), as is the average of the two bases of 6,200,000 and 6,300,000 ( $y = 6,250,000$ ).

Step 2. Apply the  $b = 3005.06$  parameter from table 1-D (Employment; Part-time workers) to the averaged  $p$  and  $y$ , treating the averages like estimates for a single month.

$$se(p, y) = \sqrt{\frac{3005.06}{6,250,000} (33)(100 - 33)} \approx 1.0 \text{ percent}$$

Step 3. Obtain  $f = .65$  from the same row of table 1-D in the column "Consecutive month-to-month change," and multiply the factor by the result from step 2.

$$se(2\%) = .65 * 1.0 \text{ percent} = .65 \text{ percent}$$

For an approximate 95-percent confidence interval, compute  $1.96 * .65$  percent, and round the result to 1.3 percent. Subtract this from and add this to the 2-percent estimate of change to obtain an interval of 0.7 percent to 3.3 percent. Because this interval excludes zero, it can be concluded at a 95-percent confidence level that the change is significant.

Table 1-D. Parameters and factors for computation of approximate standard errors for estimates of monthly levels

Characteristic	Parameters		Factors					
	a	b	Consecutive month-to-month change	Year-to-year change of monthly estimates	Quarterly averages	Change in consecutive quarterly averages	Yearly averages	Change in consecutive yearly averages
<b>Total or white</b>								
Total:								
Civilian labor force, employed, and not in labor force .....	-0.0000077	1586.29	0.65	1.22	0.87	0.77	0.68	0.81
Unemployed .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
Men:								
Civilian labor force, employed, and not in labor force .....	- .0000348	2927.43	.65	1.23	.86	.79	.66	.80
Unemployed .....	- .0000348	2927.43	1.27	1.39	.72	.91	.43	.57
Women:								
Civilian labor force, employed, and not in labor force .....	- .0000325	2693.27	.65	1.22	.87	.78	.67	.81
Unemployed .....	- .0000325	2693.27	1.27	1.39	.71	.90	.41	.55
Both sexes, 16 to 19 years:								
Civilian labor force, employed, and not in labor force .....	- .0002436	3005.06	.96	1.32	.81	.87	.55	.71
Unemployed .....	- .0002436	3005.06	1.65	1.37	.68	.88	.40	.53
<b>Black</b>								
Total:								
Civilian labor force, employed, and not in labor force .....	- .0001541	3295.99	.65	1.22	.86	.78	.66	.80
Unemployed .....	- .0001541	3295.99	1.28	1.38	.73	.90	.43	.58
Men:								
Civilian labor force, employed, and not in labor force .....	- .0003361	3332.28	.65	1.25	.84	.82	.62	.76
Unemployed .....	- .0003361	3332.28	1.27	1.37	.73	.91	.43	.58
Women:								
Civilian labor force, employed, and not in labor force .....	- .0002821	2944.26	.65	1.27	.84	.80	.64	.78
Unemployed .....	- .0002821	2944.26	1.27	1.39	.71	.90	.41	.56
Both sexes, 16 to 19 years:								
Civilian labor force, employed, and not in labor force .....	- .0015306	3295.99	.96	1.33	.80	.85	.56	.70
Unemployed .....	- .0015306	3295.99	1.65	1.37	.68	.86	.41	.52
<b>Hispanic origin</b>								
Total:								
Civilian labor force, employed, and not in labor force .....	- .0001868	3295.99	.65	1.20	.86	.82	.65	.78
Unemployed .....	- .0001868	3295.99	1.28	1.38	.71	.90	.42	.56
Men:								
Civilian labor force, employed, and not in labor force .....	- .0003630	3332.28	.65	1.26	.84	.82	.62	.76
Unemployed .....	- .0003630	3332.28	1.29	1.38	.71	.90	.41	.55
Women:								
Civilian labor force, employed, and not in labor force .....	- .0003800	2944.26	.65	1.21	.86	.84	.63	.76
Unemployed .....	- .0003800	2944.26	1.27	1.38	.71	.89	.41	.55
Both sexes, 16 to 19 years:								
Civilian labor force, employed, and not in labor force .....	- .0018224	3295.99	.96	1.34	.81	.84	.58	.73
Unemployed .....	- .0018224	3295.99	1.65	1.42	.70	.89	.41	.55

Table 1-D. Parameters and factors for computation of approximate standard errors for estimates of monthly levels—Continued

Characteristic	Parameters		Factors					
	a	b	Consecutive month-to-month change	Year-to-year change of monthly estimates	Quarterly averages	Change in consecutive quarterly averages	Yearly averages	Change in consecutive yearly averages
<b>Employment</b>								
Educational attainment .....	-0.0000174	3005.06	0.65	1.11	0.87	0.92	0.61	0.74
Marital status, men .....	- .0000348	2927.43	.65	1.15	.86	.93	.59	.72
Marital status, women .....	- .0000325	2693.27	.65	1.18	.85	.94	.57	.72
Women who maintain families ..	- .0000325	2693.27	.65	1.18	.85	.94	.57	.72
Mining and manufacturing .....	- .0000174	3005.06	.37	.98	.91	.78	.74	.84
Other industries and occupations .....	- .0000174	3005.06	.65	1.25	.85	.97	.55	.70
Agriculture:								
Total .....	.0013447	2989.22	.62	1.22	.84	.91	.57	.72
Wage and salary workers .....	.0013447	2989.22	.62	1.22	.84	.91	.57	.72
Self-employed workers .....	.0013447	2989.22	.65	.92	.91	.80	.73	.82
Unpaid family workers .....	.0013447	2989.22	.65	1.21	.80	.96	.49	.61
Nonagricultural industries:								
Total .....	- .0000174	3005.06	.65	1.15	.88	.75	.71	.83
Wage and salary workers .....	- .0000174	3005.06	.65	1.13	.88	.84	.67	.79
Self-employed workers .....	- .0000174	3005.06	.65	1.15	.87	.96	.58	.71
Unpaid family workers .....	- .0000174	3005.06	.65	1.26	.81	.95	.50	.65
Full-time workers .....	- .0000174	3005.06	.65	1.17	.85	.92	.59	.72
Part-time workers .....	- .0000174	3005.06	.65	1.27	.81	.89	.55	.69
Multiple jobholders .....	- .0000174	3005.06	1.27	1.29	.78	.91	.50	.64
<b>At work</b>								
Total and nonagricultural industries:								
Total .....	- .0000174	3005.06	.65	1.21	.84	.77	.66	.79
1 to 4 and 5 to 14 hours .....	- .0000174	3005.06	1.65	1.36	.67	.86	.38	.51
15 to 29 hours .....	- .0000174	3005.06	1.27	1.33	.73	.88	.45	.58
30 to 34 or 35 to 39 hours .....	- .0000174	3005.06	1.65	1.34	.67	.86	.39	.51
1 to 34 or 40 hours .....	- .0000174	3005.06	1.27	1.30	.76	.87	.51	.64
41 to 48 or 49 to 59 hours .....	- .0000174	3005.06	1.65	1.34	.71	.86	.45	.57
35+, 41+, or 60+ hours .....	- .0000174	3005.06	1.27	1.25	.78	.86	.53	.65
Part time for economic reasons ..	- .0000174	3005.06	1.47	1.37	.67	.87	.39	.52
Part time for noneconomic reasons .....	- .0000174	3005.06	1.27	1.29	.74	.85	.49	.62
<b>Unemployment</b>								
Educational attainment .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
Marital status, men .....	- .0000348	2927.43	1.27	1.39	.72	.91	.43	.57
Marital status, women .....	- .0000325	2693.27	1.27	1.39	.71	.90	.41	.55
Women who maintain families ..	- .0000325	2693.27	1.27	1.39	.71	.90	.41	.55
Industries and occupations .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
Full-time workers .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
Part-time workers .....	- .0000174	3005.06	1.65	1.40	.69	.88	.40	.53
Less than 5 weeks .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
5 to 14 weeks .....	- .0000174	3005.06	1.65	1.37	.66	.88	.35	.50
15 to 26 weeks .....	- .0000174	3005.06	1.65	1.39	.67	.89	.36	.50
15+ or 27+ weeks .....	- .0000174	3005.06	1.27	1.42	.75	.93	.44	.60
All reasons for unemployment, except temporary layoff .....	- .0000174	3005.06	1.27	1.38	.72	.91	.42	.57
On temporary layoff .....	- .0000174	3005.06	1.65	1.35	.68	.87	.40	.53
<b>Not in the labor force</b>								
Total .....	- .0000077	1586.29	.65	1.22	.87	.77	.68	.81
Persons who currently want a job and discouraged workers .....	- .0000174	3005.06	1.65	1.41	.63	.83	.36	.48

# Establishment Data ("B" tables)

## DATA 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 350,000 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://www.bls.gov>, the BLS Internet site.

Each month, BLS and the State agencies collect data on employment, payrolls, and paid hours from a sample of establishments. Data are collected by touchtone data entry (TDE) from most respondents. Under the TDE system, the respondent uses a touchtone telephone to call a toll-free number and activate an interview session. The questionnaire resides on the computer in the form of prerecorded questions that are read to the respondent. The respondent enters numeric responses by pressing the touchtone phone buttons. Each answer is read back for respondent verification.

For establishments that do not use TDE, data are collected mostly by mail, FAX, or Electronic Data Interchange (EDI), or on magnetic tape or computer diskette. Computer-assisted telephone interviewing (CATI) is used for a small number of respondents (5 percent). BLS is also pilot testing reporting via the World Wide Web. Chart 1 shows the percentages of the establishments using different data collection methods.

All reports 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. The State agencies forward the data to BLS-Washington. They also use the data 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 that may have been missed in the initial State editing; the edited data are used to prepare national estimates.

## CONCEPTS

### Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity, as determined from information on annual sales volume. Since January 1980, this information has been 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), U.S. Office of Management and Budget.

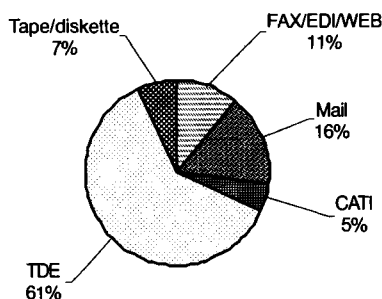
### Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period that includes the 12th day of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions, either full- or part-time, on the last day of the calendar month or the last day of the last full pay period of the calendar month. Intermittent Federal Government workers are counted if they performed any service during the month. Agencies are required to consistently report employment data on either a calendar month basis or pay period basis. The only exception to this rule occurs at the end of the fiscal year when all agencies are required to report data as of September 30th.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farmworkers, 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, the Defense Intelligence Agency, and the National Security Agency, also are excluded.

Persons on establishment payrolls who are on paid sick leave (for cases in which pay is received directly from the firm), on paid holiday, or 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, or on strike for the entire period, or who were hired but have not yet reported during the period.

Chart 1: Distribution of CES sample by collection mode



**Indexes of diffusion of employment change.** These indexes measure the dispersion among industries of the change in employment over the specified timespan. The overall indexes are calculated from 353 seasonally adjusted employment series (3-digit industries) covering all nonfarm payroll employment in the private sector. The manufacturing diffusion indexes are based on 136 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 timespan. 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 indicating 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—that is, 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 commonly are interpreted as showing the percent of components that increased over the timespan, 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 (for example, 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, and so forth, engaged in new work, alterations, demolition, repair, maintenance, and the like, whether work-

ing at the site of construction or 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-supervisor 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 that includes the 12th day of the month. The payroll is reported before deductions of any kind, such as those for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, and vacation, and for 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 (such as 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, and so forth, paid by the employer) also are excluded.

**Hours.** These are the hours paid for during the pay period that includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays and 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 that included the 12th of the month. Weekend 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 figures 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.** Overtime hours represent that portion of average weekly hours that 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 in which 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; 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 because 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, 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 pay, late-shift premiums, 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 com-

panies) 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. Multiplying average weekly hours by average hourly earnings yields average weekly 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 workforce. 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

**[NOTE: This section and the next apply to all industries except those in the mining, construction, manufacturing, and wholesale trade major industry divisions. (See the section on CES sample redesign for information on those industries.)]**

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 basic estimating cell and summed to create aggregate-level employment estimates.

## Benchmarks

For the establishment survey, annual benchmarks are constructed 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 99 percent of private employment within the scope of the establishment survey is covered by UI. A benchmark for the remaining 1 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 estimate, ten-twelfths to the January estimate, and so on, back to the previous April estimate, which receives 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 also are 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 (such as number of production workers and average hourly earnings) also are recalculated. New seasonal adjustment factors are calculated and all data series for the previous 5 years are re-seasonally adjusted before full publication of all revised data in June of each year.

## Monthly estimation

Estimates are derived from a sample of approximately 350,000 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 account for new business births during the month.

**Stratification.** The sample is stratified into basic estimating

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 also is 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 that 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 also are shown in table 2-A.

**Model-based adjustment.** Except for the goods-producing and wholesale trade divisions, 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 lag of several months between an establishment's opening for business and its appearing on the UI universe frame and being available for sampling. Nonsampling methods must be used to capture the portion of employment growth accounted for by new firms; otherwise, substantial underestimation of total employment levels would occur. Formal bias adjustment procedures have been used in 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 1980s indicated that bias requirements were strongly correlated with current employment growth or decline. Based

**Table 2-A. Summary of methods for computing industry statistics on employment, hours, and earnings for the non-probability-based and the probability-based sample estimates**

Employment, hours, and earnings	Non-probability sample	Probability sample	Both samples	
	Basic estimating cell (industry, region, size, or region/size cell)	Basic estimating cell (industry, 4-digit published level)	Aggregate industry level (division and, where stratified, industry)	Annual average 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 that reported for both months. <sup>1</sup>	All-employee estimate for previous month multiplied by weighted ratio of all employees in current month to all employees in previous month, for sample establishments, which reported for both months. <sup>2</sup>	Sum of all-employee estimates for component cells.	Sum of monthly estimates divided by 12.
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>3</sup>	All-employee estimate for current month multiplied by (1) the ratio of the sum of the weighted production or nonsupervisory workers and the sum of the weighted all employees for the current month and the sum of the weighted production or nonsupervisory workers and the sum of the weighted all employees for the previous month that is applied to the previous month's production or nonsupervisory worker ratio, (2) the ratio of the sum of the weighted women workers and the sum of the weighted all employees for the current month and the sum of the weighted women workers and the sum of the weighted all employees for the previous month that is applied to the previous month's women worker ratio.	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.	Sum of monthly estimates divided by 12.
Average weekly hours	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers. <sup>3</sup>	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers. <sup>4</sup>	Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells.	Annual total of aggregate hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of employment.
Average weekly overtime hours	Production worker overtime hours divided by number of production workers. <sup>3</sup>	Production worker overtime hours divided by number of production workers. <sup>4</sup>	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.	Annual total of aggregate overtime hours (production or nonsupervisory worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.
Average hourly earnings	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours. <sup>3</sup>	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours. <sup>4</sup>	Average, weighted by aggregate hours, of the average hourly earnings for component cells.	Annual total of aggregate payrolls (production or nonsupervisory worker employment multiplied by weekly hours and hourly earnings) divided by annual aggregate hours.

See footnotes at end of table.

Table 2-A. Summary of methods for computing industry statistics on employment, hours, and earnings for the non-probability-based and the probability-based sample estimates—Continued

Employment, hours, and earnings	Non-probability sample	Probability sample	Both samples	
	Basic estimating cell (industry, region, size, or region/size cell)	Basic estimating cell (industry, 4-digit published level)	Aggregate industry level (division and, where stratified, industry)	Annual average data
Average weekly earnings	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly 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 adjustment factors that compensate for the underrepresentation of newly formed enterprises and other sources of bias in the sample.

<sup>2</sup> The estimates are computed by applying a unique monthly birth/death model component that estimates the residual net birth/death employment not accounted for by the sample.

<sup>3</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 characteristics 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.

<sup>4</sup> A weighted link relative estimator is used to move average weekly hours, average overtime hours, and average hourly earnings forward from the point at which the probability-based sample estimates are introduced. For average weekly hours, this ratio is weighted hours divided by weighted production/nonsupervisory workers. For average hourly earnings, this ratio is weighted payroll divided by weighted hours. This will effectively preserve the true month-to-month sample movement if the new probability sample has different levels than the current sample.

on this research, a revised method was developed that uses 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 used for the production of national estimates since 1983.

The current model still has limitations on 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. For this reason, the current quarterly outputs from the model are subject to intervention analysis and adjustments can be made to model results prior to the establishment of final bias levels for a quarter. Review for purposes of intervention analysis is done primarily in terms of detection of outlier (abnormally high or low) values, and by comparison of CES sample and bias trends with the most recent quarterly observations of UI universe counts.

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. Follow-up with nonrespondents may reveal an out-of-business firm, but this information often is received too late to incorporate into monthly estimates, 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, a 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 the total model-based adjustments for the past decade. The table displays the average monthly “model adjustment added” and the average monthly “model adjustment required” with the benchmark revisions for each year. Model adjustment added shows the average amount of model adjustment that was added each month over the course of an interbenchmark period. Prior to 2000, the model adjustment was the bias adjustment. Beginning with 2000, the model adjustment included a net birth/death total in addition to the bias. For example, the bias added for 2000 is listed as 153,000; this represents the average of the bias and the net birth/death adjustment made each month over the period April 1999 through March 2000. (See the section on “Redesign methodology” for more information.)

Model adjustment required is computed retrospectively, after the March benchmark for a given year is known. Adjustment required figures are calculated by taking the difference between a March estimate derived purely from the sample (that is, a series calculated without bias adjustment) and the March benchmark. Dividing this figure by 12 gives the average monthly model adjustment required figure. The adjustment required is thus defined as the amount of model adjustment that would have achieved a zero benchmark error. The difference between the total model adjustment required and the total model adjustment added is then, by definition, approximately the benchmark revision amount, for any given year. Also provided in table 2-B are the March-to-March changes. As discussed above, the over-the-year changes indicate correlation with the model adjustment added and model adjustment 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 large enough 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 was begun over 50 years ago, predates the introduction of probability sampling methods and has operated as a quota sample since its inception. Quota sampling is different from probability sampling in that it requires a fixed number of units, but they need not have been drawn in a random selection process.

The sampling plan used in the establishment survey is a form of sampling with probability proportionate to size, known as "sampling proportionate to average size of establishment." This design results in an optimum allocation of the sample 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 variance 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 establishment survey design, large establishments fall into certainty strata for sample selection. The size of the sample for the various industries is determined empirically based on 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 accounted for by 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 that can be handled with available resources, these industries are sampled with a smaller proportion of total universe coverage than is the case for most manufacturing industries.

### Coverage

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. The magnitude of sampling error, or variance, is directly related to the size of the sample and the percentage of universe cov-

Table 2-B. March employment benchmarks and model adjustments for total private industries, March 1990-2000  
(In thousands)

Year	Benchmark		Average monthly model adjustment		Over-the-year employment change <sup>5</sup>
	Employment <sup>1</sup>	Revision <sup>2</sup>	Added <sup>3</sup>	Required <sup>4</sup>	
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
1999 .....	106,627	242	150	170	2,662
2000 <sup>6</sup> .....	109,432	352	153	183	2,805

<sup>1</sup> Universe counts for March of each year are used to make annual benchmark adjustments to the employment estimates. About 97 percent of the benchmark employment is from unemployment insurance administrative records, and the remaining 3 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 model adjustment each month over the course of an inter-benchmark period, that is, 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 model adjustment, converted to a monthly amount by dividing by 12.

<sup>5</sup> March-to-March changes in the benchmark employment level.

<sup>6</sup> Wholesale trade uses the net birth/death model.

NOTE: Data in this table exclude government employment because there is no bias adjustment for this sector.

erage achieved by the sample. The establishment survey sample covers nearly 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 and 2-E.

**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, for which only sampling error can be estimated, the CES yields 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, it actually represents the difference between two independent estimates derived from separate survey processes (specifically, 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 absolute revisions ranging from less than 0.05 percent to 0.7 percent. Table 2-D shows the most cur-

rent 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 indication of the accuracy of the estimates; the larger the value, the further the estimate was from the final benchmark level.

**Revisions between preliminary and final data.** First preliminary estimates of employment, hours, and earnings, based on less than the total sample, are published immediately 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-E 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 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.

Table 2-C. Employment benchmarks and approximate coverage of BLS employment and payrolls sample, March 2000

Industry	Employment benchmarks (thousands)	Sample coverage		
		Number of establishments <sup>1</sup>	Employees	
			Number (thousands)	Percent of benchmarks
Total .....	130,492	242,854	38,925	30
Mining .....	525	1,229	127	24
Construction .....	6,325	23,023	1,024	16
Manufacturing .....	18,441	22,069	5,801	32
Transportation and public utilities .....	6,929	<sup>2</sup> 14,259	2,041	29
Wholesale trade .....	6,960	8,540	517	7
Retail trade .....	22,829	54,341	4,867	21
Finance, insurance, and real estate .....	7,528	19,514	1,858	25
Services .....	39,895	65,402	7,430	19
Government:				
Federal .....	2,808	<sup>3</sup> 7,077	2,808	100
State .....	4,902	7,545	3,775	77
Local .....	13,350	19,855	8,677	65

<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. A small sample is used to estimate hours and earnings data.

<sup>3</sup> Total Federal employment counts by agency for use in national estimates are provided to BLS by the U.S. 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 60 percent of employment in Federal establishments.

## CES sample redesign

In June 1995, BLS announced plans for a comprehensive sample redesign of its monthly payroll survey. The initial research phase for the CES sample redesign was completed in 1997, and BLS launched a production test of the new sample design at that time. The production test phase concluded in June 2000, when the first estimates from the new design, for the wholesale trade industry, were published with the 1999 benchmark revisions. With the 2000 benchmark revisions, estimates for the mining, construction, and manufacturing industries were published under the new design for the first time. Redesigned samples for the remaining industry divisions will be phased in with the next two benchmark releases.

**Original sample design limitations.** The original CES survey is based on a quota sample, the inception of which, over 50 years ago, predated the introduction of probability sampling as the internationally recognized standard for sample surveys. Quota samples are known to be at risk for potentially significant biases. Introducing a probability-based sample for CES ensures a proper representation of the universe of nonfarm business establishments through randomized selection techniques and the regular rotation of sample members.

In addition, the CES sample redesign addresses a second critical limitation of the current CES sample, which is a lack of timely sample-based representation of employment from new business births. Procedures have been developed for regular sample updates that will ensure better representation of new units in the CES sample. Time series modeling techniques are being used to estimate the residual portion of birth

Table 2-D. Current (March 2000) and historical benchmark revisions

(Numbers in thousands)

Industry	March 2000 benchmark revision		Ten-year average mean percent revision	
	Level	Percent	Actual	Absolute
Total .....	468	0.4	0.2	0.3
Total private .....	352	.3	.2	.4
Goods-producing .....	70	.3	.5	.7
Mining .....	0	0	.6	1.1
Metal mining .....	-4	-10.0	-2.0	3.2
Coal mining .....	-1	-1.3	0	2.3
Oil and gas extraction .....	2	.7	1.3	1.8
Nonmetallic minerals, except fuels .....	2	1.9	.6	1.6
Construction .....	37	.6	.4	1.2
General building contractors .....	24	1.6	.2	2.2
Heavy construction, except building .....	16	2.0	1.6	1.8
Special trade contractors .....	-2	(')	.2	1.1
Manufacturing .....	33	.2	.5	.6
Durable goods .....	32	.3	.6	.8
Lumber and wood products .....	6	.7	.6	1.5
Furniture and fixtures .....	2	.4	.8	1.2
Stone, clay, and glass products .....	15	2.6	.5	1.0
Primary metal industries .....	3	.4	.3	.8
Blast furnaces and basic steel products .....	0	0	.5	.9
Fabricated metal products .....	6	.4	.5	.8
Industrial machinery and equipment .....	-10	-.5	.6	.9
Computer and office equipment .....	-4	-1.1	.6	1.5
Electronic and other electrical equipment .....	9	.5	.4	.7
Electronic components and accessories .....	13	2.0	.7	1.3
Transportation equipment .....	7	.4	1.0	1.1
Motor vehicles and equipment .....	0	0	1.2	1.3
Aircraft and parts .....	5	1.1	.6	1.1
Instruments and related products .....	-3	-.4	.6	1.3
Miscellaneous manufacturing industries .....	-3	-.8	.9	1.4
Nondurable goods .....	1	(')	.3	.5
Food and kindred products .....	19	1.1	.2	.9
Tobacco products .....	1	2.9	.5	2.4
Textile mill products .....	-11	-2.1	(')	1.0
Apparel and other textile products .....	-12	-1.8	.3	1.3
Paper and allied products .....	-2	-.3	.4	.8
Printing and publishing .....	-2	-.1	.1	.5
Chemicals and allied products .....	7	.7	.2	.8
Petroleum and coal products .....	-3	-2.4	.3	1.7
Rubber and miscellaneous plastics products .....	7	.7	.6	.9
Leather and leather products .....	-3	-4.2	0	2.2
Service-producing .....	398	.4	.1	.3
Transportation and public utilities .....	28	.4	.1	.8
Transportation .....	6	.1	(')	1.0
Railroad transportation .....	15	6.4	-.1	1.3
Local and interurban passenger transit .....	-22	-4.5	-.9	2.4
Trucking and warehousing .....	17	.9	-1.1	2.6
Water transportation .....	-5	-2.7	.8	3.6
Transportation by air .....	-1	-.1	2.5	4.0
Pipelines, except natural gas .....	2	14.3	1.2	5.0
Transportation services .....	-1	-.2	-.3	2.1
Communications and public utilities .....	22	.9	.2	1.1
Communications .....	27	1.7	.4	1.7
Electric, gas, and sanitary services .....	-6	-.7	-.1	.7
Wholesale trade .....	-41	-.6	-.3	.9
Durable goods .....	-7	-.2	-.1	.9
Nondurable goods .....	-34	-1.2	-.6	1.1

See footnotes at end of table.

Table 2-D. Current (March 2000) and historical benchmark revisions—Continued

(Numbers in thousands)

Industry	March 2000 benchmark revision		Ten-year average mean percent revision	
	Level	Percent	Actual	Absolute
Retail trade .....	247	1.1	.5	.7
Building materials and garden supplies .....	-4	-.4	-.4	1.1
General merchandise stores .....	85	3.1	1.7	2.7
Department stores .....	89	3.7	1.9	3.1
Food stores .....	6	.2	( <sup>1</sup> )	.5
Automotive dealers and service stations .....	-2	-.1	-.9	.9
New and used car dealers .....	4	.4	.8	.9
Apparel and accessory stores .....	-8	-.7	.4	1.3
Furniture and home furnishings stores .....	17	1.5	-.7	1.3
Eating and drinking places .....	122	1.5	1.1	1.4
Miscellaneous retail establishments .....	29	1.0	.1	1.0
Finance, insurance, and real estate .....	-43	-.6	-.1	1.1
Finance .....	-8	-.2	-.5	1.2
Depository institutions .....	-17	-.8	-.9	1.3
Commercial banks .....	-26	-1.8	-.7	1.1
Savings institutions .....	9	3.6	-2.8	6.1
Nondepository institutions .....	-4	-.6	1.7	2.8
Mortgage bankers and brokers .....	-13	-4.1	1.5	5.5
Security and commodity brokers .....	3	.4	.4	1.0
Holding and other investment offices .....	8	3.2	-3.8	5.1
Insurance .....	-11	-.5	.4	1.3
Insurance carriers .....	-2	-.1	.6	1.4
Insurance agents, brokers, and services .....	-10	-1.3	.1	1.1
Real estate .....	-24	-1.6	-.3	1.3
Services <sup>2</sup> .....	91	.2	.1	.5
Agricultural services .....	2	.3	1.0	1.2
Hotels and other lodging places .....	1	.1	.7	1.2
Personal services .....	-24	-1.8	.5	1.3
Business services .....	107	1.1	.4	1.5
Services to buildings .....	-6	-.6	.1	1.1
Personnel supply services .....	48	1.3	1.0	2.5
Help supply services .....	64	1.9	1.7	2.5
Computer and data processing services .....	143	6.9	2.3	3.3
Auto repair, services, and parking .....	40	3.2	-.8	1.8
Miscellaneous repair services .....	-18	-4.9	-2.8	5.2
Motion pictures .....	-35	-5.9	-2.3	4.0
Amusement and recreation services .....	-27	-1.7	-.2	3.1
Health services .....	-41	-.4	-.3	.5
Offices and clinics of medical doctors .....	-5	-.3	-.3	1.0
Nursing and personal care facilities .....	5	.3	( <sup>1</sup> )	.7
Hospitals .....	-29	-.7	-.5	.6
Home health care services .....	2	.3	1.0	2.3
Legal services .....	-2	-.2	-.7	.8
Educational services .....	-29	-1.2	.6	2.1
Social services .....	-54	-1.9	-.3	1.4
Child day care services .....	-47	-6.5	-1.0	5.5
Residential care .....	-14	-1.8	-.5	1.4
Museums and botanical and zoological gardens .....	5	5.0	1.8	2.3
Membership organizations .....	34	1.4	1.9	2.4
Engineering and management services .....	5	.1	-1.0	1.5
Engineering and architectural services .....	13	1.3	-.2	1.2
Management and public relations .....	-14	-1.3	-2.2	3.1
Services, nec .....	-2	-3.9	-.2	3.8
Government .....	116	.6	( <sup>1</sup> )	.3
Federal .....	0	0	0	0
Federal, except Postal Service .....	0	0	0	0
State .....	43	.9	.1	.6
Education .....	48	2.2	.2	1.2
Other State government .....	-6	-.2	( <sup>1</sup> )	.5
Local .....	73	.5	( <sup>1</sup> )	.3
Education .....	53	.7	( <sup>1</sup> )	.4
Other local government .....	19	.3	.1	.4

<sup>1</sup> Less than 0.05 percent.<sup>2</sup> Includes other industries, not shown separately.

NOTE: Nec is an abbreviation for "not elsewhere classified" and designates broad categories of industries that cannot be more specifically identified.



Table 2-E. Errors of preliminary employment estimates

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Absolute
Total .....	42,300	0	0
Total private .....	35,400	0	0
Goods-producing .....	10,400	0	0
Mining .....	1,700	0	.3
Metal mining .....	400	-.1	.6
Coal mining .....	700	.1	.6
Oil and gas extraction .....	1,400	0	.4
Nonmetallic minerals, except fuels .....	400	.1	.3
Construction .....	6,600	0	.1
General building contractors .....	3,400	.1	.2
Heavy construction, except building .....	3,200	.1	.3
Special trade contractors .....	4,200	0	.1
Manufacturing .....	10,600	0	0
Durable goods .....	7,500	0	0
Lumber and wood products .....	1,600	0	.2
Furniture and fixtures .....	1,000	0	.2
Stone, clay, and glass products .....	1,200	0	.2
Primary metal industries .....	1,600	0	.2
Blast furnaces and basic steel products .....	1,200	-.1	.4
Fabricated metal products .....	2,000	0	.1
Industrial machinery and equipment .....	2,700	0	.1
Computer and office equipment .....	2,000	.3	.4
Electronic and other electrical equipment .....	2,100	0	.1
Electronic components and accessories .....	1,600	0	.2
Transportation equipment .....	5,700	0	.2
Motor vehicles and equipment .....	4,600	0	.3
Aircraft and parts .....	1,600	-.1	.2
Instruments and related products .....	1,300	0	.1
Miscellaneous manufacturing .....	800	0	.2
Nondurable goods .....	4,900	0	.1
Food and kindred products .....	2,900	0	.1
Tobacco products .....	600	.9	1.2
Textile mill products .....	1,100	0	.2
Apparel and other textile products .....	2,600	.2	.3
Paper and allied products .....	1,200	0	.1
Printing and publishing .....	1,500	0	.1
Chemicals and allied products .....	1,600	-.1	.1
Petroleum and coal products .....	800	-.1	.4
Rubber and miscellaneous plastics products .....	1,200	0	.1
Leather and leather products .....	400	0	.3
Service-producing .....	49,000	0	0
Transportation and public utilities .....	8,700	0	.1
Transportation .....	8,300	-.1	.1
Railroad transportation .....	2,100	-.2	.7
Local and interurban passenger transit .....	2,600	-.2	.4
Trucking and warehousing .....	4,900	-.1	.2
Water transportation .....	1,500	-.1	.7
Transportation by air .....	6,800	0	.4
Pipelines, except natural gas .....	100	-.3	.7
Transportation services .....	1,400	-.1	.2
Communications and public utilities .....	3,700	.1	.1
Communications .....	3,200	.1	.2
Electric, gas, and sanitary services .....	1,300	0	.1
Wholesale trade .....	7,200	.1	.1
Durable goods .....	4,400	.1	.1
Nondurable goods .....	4,700	0	.1

See footnotes at end of table.

Table 2-E. Errors of preliminary employment estimates—Continued

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Absolute
Retail trade .....	27,600	0	.1
Building materials and garden supplies .....	2,800	.1	.2
General merchandise stores .....	19,200	0	.5
Department stores .....	18,900	-.1	.6
Food stores .....	5,300	0	.1
Automotive dealers and service stations .....	2,900	-.1	.1
New and used car dealers .....	1,100	-.1	.1
Apparel and accessory stores .....	5,200	.2	.4
Furniture and home furnishings stores .....	2,300	0	.2
Eating and drinking places .....	10,000	0	.1
Miscellaneous retail establishments .....	8,200	.2	.2
Finance, insurance, and real estate .....	5,700	0	.1
Finance .....	4,500	0	.1
Depository institutions .....	3,100	-.1	.1
Commercial banks .....	2,800	-.1	.1
Savings institutions .....	700	-.1	.2
Nondepository institutions .....	2,000	0	.2
Mortgage bankers and brokers .....	1,500	0	.4
Security and commodity brokers .....	1,100	0	.1
Holding and other investment offices .....	1,700	-.1	.6
Insurance .....	2,600	0	.1
Insurance carriers .....	2,300	0	.1
Insurance agents, brokers, and service .....	1,300	.1	.1
Real estate .....	2,300	0	.1
Services <sup>2</sup> .....	30,200	0	.1
Agricultural services .....	3,400	.1	.3
Hotels and other lodging places .....	6,300	0	.3
Personal services .....	6,100	-.1	.3
Business services .....	14,700	0	.1
Services to buildings .....	2,500	0	.2
Personnel supply services .....	11,700	0	.3
Help supply services .....	11,100	0	.3
Computer and data processing services .....	3,100	0	.2
Auto repair, services, and parking .....	1,900	0	.1
Miscellaneous repair services .....	1,000	0	.2
Motion pictures .....	5,800	.2	.8
Amusement and recreation services .....	9,200	.1	.4
Health services .....	5,100	0	0
Offices and clinics of medical doctors .....	2,300	0	.1
Nursing and personal care facilities .....	1,500	0	.1
Hospitals .....	3,300	0	.1
Home health care services .....	1,800	.1	.2
Legal services .....	1,400	0	.1
Educational services .....	12,400	.1	.5
Social services .....	9,200	.1	.2
Child day care services .....	4,300	.2	.5
Residential care .....	1,300	0	.1
Museums and botanical and zoological gardens .....	500	0	.4
Membership organizations .....	3,300	0	.1
Engineering and management services .....	5,100	0	.1
Engineering and architectural services .....	2,000	-.1	.2
Management and public relations .....	3,500	.1	.3
Services, nec .....	500	-.1	.8
Government .....	22,100	0	.1
Federal .....	12,400	0	.3
Federal, except Postal Service .....	10,100	.1	.3
State .....	12,000	0	.2
Education .....	10,600	.1	.5
Other State government .....	4,500	0	.1
Local .....	16,900	0	.1
Education .....	14,700	0	.2
Other local government .....	8,700	.1	.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: Nec is an abbreviation for "not elsewhere classified" and designates broad categories of industries that cannot be more specifically identified. Errors are based on differences from January 1996 through December 2000.

employment not accounted for through the improved sampling techniques. Introduction of a probability-based sample for the CES survey allows for the publication of sampling errors and confidence intervals, standard survey accuracy measures not directly applicable to the current nonprobability design. Overall accuracy of the survey employment estimates, however, is still best measured by the magnitude of annual benchmark revisions, as they encompass the total estimation error associated with the CES employment series.

**The new CES sample design.** The new design is a stratified, simple random sample of worksites, clustered by UI account number. The UI account number is a major identifier on the BLS longitudinal database of employer records, which serves as both the sampling frame and the benchmark source for the CES employment estimates. The sample strata, or subpopulations, are defined by State, industry, and employment size, yielding a State-based design. The sampling rates for each stratum are determined through a method known as optimum allocation, which distributes a fixed number of sample units across a set of strata to minimize the overall variance, or sampling error, on the primary estimate of interest. The total nonfarm employment level is the primary estimate of interest, and the new design gives top priority to measuring it as precisely as possible, or, in other words, minimizing the statistical error around the statewide total nonfarm employment estimates.

For the CES redesign, the number of sample units drawn was fixed to the approximate size of the original CES sample, which is the sample size supported by current program resources. This sample size makes possible the publication of considerable industry and geographic detail within a State, and provides for highly reliable national CES estimates at the total nonfarm and detailed industry levels.

**Frame and sample selection.** The Longitudinal Data Base (LDB) is the universe from which BLS draws the CES sample. The LDB contains data on approximately 7.5 million U.S. business establishments, representing nearly all nonfarm elements of the U.S. economy. The ES-202 program collects these data from employers, on a quarterly basis, in cooperation with State Employment Security Agencies (SESAs). The LDB contains employment and wage information from employers, as well as name, address, and location information. It also contains identification information such as Unemployment Insurance (UI) Account Number, Reporting Unit Number, and LDB Number.

The LDB consists of all employers covered under the Unemployment Insurance Tax System. That system covers 97 percent of all employers in the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands. There are a few sections of the economy that are not covered, including the self-employed, small family businesses, railroads, charitable organizations, small agricultural employers, and elected officials. Data for employers generally are reported

at the worksite level. Employers who have multiple establishments within a State usually report data for each individual establishment. The LDB tracks establishments over time and links them from quarter to quarter.

Permanent Random Numbers (PRNs) have been assigned to all UI accounts on the sampling frame. As new units appear on the frame, random numbers are assigned to those units as well. As records are linked across time, the PRN is carried forward in the linkage.

The probability sample is stratified by State, industry, and size. Stratification groups population members together for the purpose of sample allocation and selection. The strata, or groups, are composed of homogeneous units. With 11 industries and 8 size classes, there are 88 total allocation cells per State. The sampling rate for each stratum is determined through a method known as optimum allocation. Optimum allocation minimizes variance at a fixed cost or minimizes cost for a fixed variance. Under the CES probability design, a fixed number of sample units for each State is distributed across the allocation strata in such a way as to minimize the overall variance, or sampling error, of the total State employment level. The number of sample units in the CES probability sample is fixed to the approximate size of the existing nonprobability CES survey. The optimum allocation formula will place more sample in cells for which data cost less to collect, cells that have more units, and cells that have a larger variance. When compared with the quota sample, there are fewer units selected in manufacturing and more units selected in services.

During the first quarter of each year, a new sample is drawn from the LDB. Annual sample selection helps keep the CES survey current with respect to employment from business births and business deaths. In addition, the updated universe files provide the most recent information on industry, size, and metropolitan area designation.

After all out-of-scope records are removed, the sampling frame is sorted into allocation cells. Within each allocation cell, units are sorted by MSA and by the size of the MSA, which is the number of UI accounts in that MSA. As the sampling rate is uniform across the entire allocation cell, implicit stratification by MSA ensures that a proportional number of units are sampled from each MSA. Some MSAs may have too few UI accounts in the allocation cell; these MSAs are collapsed and treated as a single MSA. Within each selection cell, the units are sorted by PRN, and units are selected according to the specified sample selection rate. The number of units selected randomly from each selection cell is equal to the product of the sample selection rate and the number of eligible units in the cell, plus any carryover from the prior selection cell. The result is rounded to the nearest whole number. Carryover is defined as the amount that is rounded up or down to the nearest whole number.

Once the sample is drawn, sample selection weights are calculated based on the number of UI accounts actually selected within each allocation cell. The sample selection weight is approximately equal to the inverse of the probability of

selection, or the inverse of the sampling rate. It is computed as:

$$\text{Sample selection weight} = N_h / n_h$$

where:

$N_h$  = the number of noncertainty UI accounts within the allocation cell that are eligible for sample selection

$n_h$  = the number of noncertainty UI accounts selected within the allocation cell

To further reduce enrollment workload caused by the annual update of the sample, BLS has established a "swapping" procedure in which sample members selected in the previous year are used in lieu of new sample members. As a result of the swap procedure, the amount of sample overlap from year to year is increased. A sample is selected from the first-quarter frame using the random sampling procedures. If a new sample member is selected during random sampling, a check is made for a previously selected unit that was not selected in the new sample. The previously selected unit must be within the same State, industry, and size class and must have the same PRN date as the originally selected unit. Newly selected units are replaced until all suitable replacements are exhausted. The units are generally available for swapping due to changes in the MSA, SIC, and size of units.

As a result of the swap procedure, approximately 90 percent of the Current Employment Statistics Sample Redesign (CES-R) sample overlaps from one year to the next. Before the swap procedure was implemented, approximately 35,000 new UI accounts were selected each year during the annual update. With the swap procedure, this number is reduced by as much as 40 percent, or 15,000 units.

Due to the dynamic economy, there is a constant cycle of business births and deaths. A semiannual update is performed during the third quarter of each year. This update selects units from the population of births and other units not previously eligible for selection, and includes them as part of the sample. Updated location, contact, and administrative information is provided for all establishments that were selected in the annual sample selection.

**Sample enrollment activities.** The primary enrollment of new establishments for the CES-R is taking place in BLS Data Collection Centers (DCCs) located in Atlanta, Kansas City, and Dallas, and in the Electronic Data Interchange (EDI) Center in Chicago. Once the sample has been sent to the DCCs, interviewers enroll the selected establishments. While the UI account represents the sample unit, interviewers are responsible for tracking and collecting the data for the individual establishments, regardless of the current UI configuration associated with the establishments.

In the case of large, multiple-worksite UI accounts, it is sometimes necessary to subsample employers. This occurs when:

- the company cannot report for all worksites from a central location;
- the company cannot provide an aggregate report for the entire UI account;
- there are too many individual worksites to make it practical to contact each of them.

With subsampling of a smaller number of worksites, both interviewer workload and respondent burden are reduced without significantly reducing the accuracy of the estimates, but this technique will result in a small increase in variance. In the event that a UI account is subsampled, weight adjustments are made to reflect each of the worksites' probability of selection.

**Estimation.** Under the new methodology, CES uses a matched sample concept and weighted link relative estimator to produce employment, hours, and earnings estimates. Consistent with the historical CES definition, a matched sample is defined to be all sample members that have reported data for the reference month and the month prior. A slight adjustment to the above matched definition is made to exclude from the matched sample any sample unit that reports that it is out-of-business. The reasoning behind this handling is described later in the section on estimation of business births and deaths.

The estimator for employment and that for hours and earnings uses the sample trend in the cell to move the previous level or ratio to the current-month estimated level or ratio. In the case of all employees, an additive model-based component is applied as well. This component also is described in the business birth and death estimation section.

The basic formula for estimating employment is:

$$\hat{AE}_c = \left( \hat{AE}_p \times \frac{\sum_i (w_i \times ae_{c,i})}{\sum_i (w_i \times ae_{p,i})} \right) + (\text{net birth/death model})$$

where:

- $i$  = matched sample unit;
- $w_i$  = weight associated with the CES report;
- $ae_{c,i}$  = current-month reported all employees;
- $ae_{p,i}$  = previous-month reported all employees;
- $\hat{AE}_c$  = current-month estimated all employees; and
- $\hat{AE}_p$  = previous-month estimated all employees.

The basic form for the estimator used to develop the current-month production workers series is:

$$\hat{PW}_c = \left( \hat{AE}_c \times \hat{PWRATIO}_c \right), \text{ and}$$

$$\hat{PWRATIO}_c = \hat{PWRATIO}_p \times \frac{\left( \frac{\sum_i w_i \times pw_{c,i}}{\sum_i w_i \times ae_{c,i}} \right)}{\left( \frac{\sum_i w_i \times pw_{p,i}}{\sum_i w_i \times ae_{p,i}} \right)};$$

where:

- $i$  = matched sample unit;
- $w_i$  = weight associated with the CES report;
- $\hat{PW}_c$  = current-month estimated production workers;
- $\hat{PWRATIO}_c$  = current-month production-worker-to-all-employee ratio;
- $\hat{PWRATIO}_p$  = previous-month production-worker-to-all-employee ratio;
- $pw_{c,i}$  = current-month reported production workers;
- $pw_{p,i}$  = previous-month reported production workers;
- $ae_{c,i}$  = current-month reported all employees;
- $ae_{p,i}$  = previous-month reported all employees; and
- $\hat{AE}_c$  = current-month estimated all employees.

Estimation of the series for women workers is identical to that described for production workers, with the appropriate substitution of women worker values for the production worker values in the previous formulas.

The same basic form of the estimator holds for all data types. The basic estimators of average weekly hours and average hourly earnings are:

$$\hat{AWH}_c = \hat{AWH}_p \times \frac{\left( \frac{\sum_i w_i \times wh_{c,i}}{\sum_i w_i \times pw_{c,i}} \right)}{\left( \frac{\sum_i w_i \times wh_{p,i}}{\sum_i w_i \times pw_{p,i}} \right)},$$

and

$$\hat{AHE}_c = \hat{AHE}_p \times \frac{\left( \frac{\sum_i w_i \times pr_{c,i}}{\sum_i w_i \times wh_{c,i}} \right)}{\left( \frac{\sum_i w_i \times pr_{p,i}}{\sum_i w_i \times wh_{p,i}} \right)};$$

where:

- $i$  = matched sample unit;
- $w_i$  = weight associated with the CES report;
- $\hat{AWH}_c$  = current-month estimated average weekly hours;
- $\hat{AWH}_p$  = previous-month estimated average weekly hours;
- $wh_{c,i}$  = current-month reported weekly hours;
- $wh_{p,i}$  = previous-month reported weekly hours;
- $pw_{c,i}$  = current-month reported production workers;
- $pw_{p,i}$  = previous-month reported production workers;
- $\hat{AHE}_c$  = current-month estimated average hourly earnings;
- $\hat{AHE}_p$  = previous-month estimated average hourly earnings;
- $\hat{WH}_c$  = current-month estimated weekly man hours;
- $\hat{WH}_p$  = previous-month estimated average man hours;
- $pr_{c,i}$  = current-month reported weekly payroll; and
- $pr_{p,i}$  = previous-month reported weekly payroll.

Estimation of overtime hours is identical to that described for weekly hours, with the appropriate substitution of overtime hours values for the weekly hours values in the previous formula.

**Benchmarking.** Annual benchmark adjustment that revises 2 years of data continues under the redesign, but with slight modification to the process. Under the original CES procedures, when national series are benchmarked, sample links derived from the final (or third) set of monthly estimates are applied to the March benchmark level to re-estimate 1 year forward from the new benchmark levels. The year prior to the benchmark is adjusted by a simple wedge-back procedure that distributes the benchmark error in equal increments across the 11 months preceding the March benchmark.

For initial implementation of the redesign estimates for mining, manufacturing, and wholesale trade, the estimates for both the year prior to and the year following the March benchmark month were revised to incorporate sample-based estimates calculated from the new sample and estimators. Thus, there is more revision in the benchmark period under the redesign than experienced previously for all data types. In particular, basic cell-level hours and earnings estimates, which have no benchmark revision under current procedures, are subject to change.

The construction series are revised for the year following the benchmark. The year prior to the benchmark was revised using the quota sample estimate. As sample enrollment for the construction industries was not completed until the end of the second quarter, it was not feasible to use the new methodology for the wedge period.

**Business birth and death estimation.** In a dynamic economy, firms are continually going out-of-business while, at the same time, new businesses are opening. These two normal occurrences offset each other to some extent. That is, firms that are born replace firms that die. CES uses this fact to account for a large proportion of the employment associated with business births. This is accomplished by excluding such units from the matched sample definition. Effectively, business deaths are not included in the sample-based link portion of the estimate, and the implicit imputation of their previous month's employment is assumed to offset a portion of the employment associated with births.

There is an operational advantage associated with this approach as well. Most firms will not report that they have gone out-of-business; rather, they simply cease reporting and are excluded from the link, as are all other nonrespondents. As a result, extensive follow-up with monthly nonrespondents to determine whether a company is out-of-business or simply did not respond is not required.

Employment associated with business births will not exactly equal that associated with business deaths. The amount by which it differs varies by month and by industry. As a result, the residual component of the birth/death offset must be accounted for by using a model-based approach.

With any model-based approach, it is desirable to have 5 or more years of history to use in developing the models. Due to the absence of reliable counts of monthly business births and deaths, development of an appropriate birth/death residual series assumed the following form:

$$\text{Birth/death residual} = \text{Population} - \text{Sample-based estimate} + \text{Error}$$

Simulated monthly probability estimates over a 7-year period were created and compared with population employment levels. Moving from a simulated benchmark, the differences between the series across time represent a cumulative birth/death component. Those residuals are converted to month-to-month differences and used as input series to the modeling process.

Models are fit using X-12 ARIMA (Auto-Regressive Integrated Moving Average). Outliers, level shifts, and temporary ramps are automatically identified. Seven models are tested, and the model exhibiting the lowest average forecast error is selected for each series.

**Difference between the birth/death model and bias adjustment.** Table 2-F compares the level of bias adjustment applied in the previously published CES series with the net birth/death adjustment used in the redesign series in mining, construction, and manufacturing. Over the course of the "post-benchmark year" from April 2000 to March 2001, the cumulative bias adjustment added 246,000 to the mining, construction, and manufacturing employment level, while the net birth/death model added 154,000 overall. Note that the latter model has greater variability from month to month, including months

with a negative adjustment. This mainly reflects the seasonal pattern of the net birth/death series observed in the historical UI universe data series.

The net birth/death models will replace the bias adjustment modeling currently used for the CES program as estimates for each major industry division are phased in for official publication. The ARIMA model component is updated and reviewed on a quarterly basis, as are the current bias adjustments. However, the net birth/death model component figures are unique to each month, unlike the bias adjustments, which are identical for all 3 months of a given quarter.

An important conceptual and empirical distinction between current bias adjustment and new net birth/death models involves the elements that the models are designed to identify. Although the primary purpose of the existing bias adjustment process is to account for new business birth employment, it also adjusts for other elements of nonsampling error, or bias, in the current CES estimate because the primary input to the model is total estimation error. Sampling bias can be significant in the existing sample because of its quota design, and the bias component is therefore relatively large. In contrast, the net birth/death models estimate only the residual component not measurable by the sample; the models do not attempt to correct for deficiencies in sample design. Therefore, the net birth/death model component in the redesign series is expected to be significantly smaller than the bias adjustment component in the current CES estimates.

The most significant potential drawback to a model-based approach is that time series modeling assumes a predictable continuation of historical patterns and relationships. Therefore, a model-based approach is likely to have some difficulty producing reliable estimates at economic turning points or during periods in which there are sudden changes in trend. In sum, accurate estimation of the business birth component of total nonfarm employment will continue to be the most difficult issue in CES employment estimation.

**Variance estimation for the CES redesign estimates.** A probability-based sample allows for the calculation and publication of sampling variances and confidence intervals—standard survey accuracy measures not directly applicable to the current nonprobability design. The estimation of sample variance for the survey is accomplished through use of the method of Balanced Half Samples (BHS). This replication technique uses half samples of the original sample and calculates estimates using those subsamples. The sample variance is calculated by measuring the variability of the subsample estimates. The weighted link estimator is used to calculate both estimates and variances. The sample units in each cell—where a cell is based on State, industry, and size classification—are divided into two random groups. The basic BHS method is applied to both groups. The subdivision of the cells is done systematically, in the same order as the initial sample selection. Weights for units in the half sample are multiplied by a factor of  $1 + \gamma$  where weights for units not in the half sample are multiplied by a factor of  $1 - \gamma$ . Estimates from these sub-

groups are calculated using the estimation formula described previously.

The formula used to calculate CES variances is as follows:

$$v_k^*(\hat{\theta}) = \frac{1}{\gamma^2 k} \sum_{a=1}^k \left( \hat{\theta}_a^+ - \hat{\theta} \right)^2,$$

where:

$\hat{\theta}_a^+ = \theta(\hat{Y}_a^+, \hat{X}_a^+, \dots)$  is the half-sample estimator;

$\gamma = 1/2$ ;

$k$  = number of half-samples; and

$\hat{\theta}$  = original full sample estimates

**Appropriate uses of sampling variances in CES.** Variance statistics are useful for comparison purposes, but they do have some limitations. Variances reflect the error component of the estimates that is due to surveying only a subset of the population, rather than conducting a complete count of the entire population. However, they do not reflect nonsampling error, such as response errors, and bias due to nonresponse. The overall performance of the program (calculating all-employee estimates) will still be measured in terms of the benchmark revisions. Variances for items not benchmarked—that is, average hourly earnings and average weekly hours—can serve as a more meaningful measure of their error now with a representative probability sample. The variances of the over-the-month change estimates are very useful in determining when changes are significant at some level of confidence.

**Sampling errors for probability-based industries.** The sampling errors shown for the goods-producing and wholesale trade industries have been calculated for estimates that follow the benchmark employment revision by a period of 12 to 24 months. Since the error estimates generally increase as a function of time after the month of benchmark revision, this period was determined to be the period of greatest interest for the estimates. For example, the May 2001 estimates follow the benchmark revision (March 2000) by 14 months. The errors are presented as median values of the observed error estimates. These estimates have been estimated using the method of Balanced Half Samples with the probability sample data and sample weights assigned at the time of sample selection.

**Illustration of the use of table 2-G.** Table 2-G provides a reference for relative standard errors of three major series developed from the CES—estimates of the numbers of all employees (AE), of average hourly earnings (AHE), and of average weekly hours (AWH) within the same industry. The standard errors of differences between estimates in two non-overlapping industries are calculated as:

$$S \text{ difference} = \sqrt{s_1^2 + s_2^2}$$

since the two estimates are independent.

The errors are presented as relative standard errors (standard error divided by the estimate and expressed as a percent). Multiplying the relative standard error by its estimated value gives the estimate of the standard error.

Suppose that the level of all employees for wholesale trade in a given month is estimated at 7,054,000. The approximate relative standard error of this estimate (0.54 percent) is provided in table 2-G. A 90-percent confidence interval would then be the interval:

$$\begin{aligned} &7,054,000 \pm (1.645 * .0054 * 7,054,000) \\ &= 7,054,000 \pm 62,660 \\ &= 7,116,660 \text{ to } 6,991,340 \end{aligned}$$

**Illustration of the use of table 2-H.** Table 2-H provides a reference for the standard errors of 1-, 3-, and 12-month changes in AE, AHE, and AWH. The errors are presented as standard errors of the changes.

Suppose that the over-the-month change in AHE from January to February for the stone, clay, and glass products industry within manufacturing is \$0.11. The standard error for a 1-month change for this industry from the table is \$0.06. The interval estimate of the over-the-month change in AHE that will include the true over-the-month change with 90-percent confidence is calculated:

$$\begin{aligned} &\$0.11 \pm (1.645 * \$0.06) \\ &= \$0.11 \pm \$0.10 \\ &= \$0.01 \text{ to } \$0.21 \end{aligned}$$

The true value of the over-the-month change is in the interval \$0.01 to \$0.21. Because this interval does not include \$0.00 (no change), the change of \$0.11 shown is significant at the 90-percent confidence level. Alternatively, the estimated change of \$0.11 exceeds \$0.10 (1.645 \* \$0.06); therefore, one could conclude from these data that the change is significant at the 90-percent confidence level.

## 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 or vice versa. Because each State series is subject to larger sampling and nonsampling errors than is 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-F. **Bias adjustment effects for published series versus net birth/death model effects for the mining, construction, and manufacturing industries**

(In thousands)

Year and month	Mining		Construction		Manufacturing	
	Bias adjustment for published series	Net birth/death adjustment for the post-benchmark period	Bias adjustment for published series	Net birth/death adjustment for the post-benchmark period	Bias adjustment for published series	Net birth/death adjustment for the post-benchmark period
Monthly amount						
<b>2000:</b>						
April .....	0	0	12	44	8	1
May .....	0	1	12	46	8	17
June .....	0	0	12	32	8	11
July .....	0	0	12	14	7	1
August .....	0	1	12	17	7	12
September .....	0	1	12	11	7	8
October .....	0	0	14	10	9	-4
November .....	0	0	14	-13	9	3
December .....	0	0	14	-16	9	3
<b>2001:</b>						
January .....	0	-7	13	-85	7	-22
February .....	0	0	13	13	7	10
March .....	0	0	13	31	7	14
<b>Cumulative total .....</b>	<b>0</b>	<b>-4</b>	<b>153</b>	<b>104</b>	<b>93</b>	<b>54</b>



Table 2-G. Relative standard error for estimates of employment, hours, and earnings in selected industries  
(In percent)

Industry	Relative standard error		
	All employees	Average weekly hours	Average hourly earnings
Mining .....	1.90	2.50	2.06
Metal mining .....	3.56	3.74	3.06
Coal mining .....	3.79	3.45	2.54
Oil and gas extraction .....	2.37	3.96	3.61
Nonmetallic minerals, except fuels .....	3.06	1.75	1.98
Construction .....	.63	.74	.65
General building contractors .....	1.13	1.31	1.26
Heavy construction, except building .....	1.66	1.70	1.31
Special trade contractors .....	.82	1.11	.85
Manufacturing .....	.24	.27	.24
Durable goods .....	.32	.37	.30
Lumber and wood products .....	.95	1.28	.71
Furniture and fixtures .....	.95	1.49	1.13
Stone, clay, and glass products .....	1.08	2.06	1.22
Primary metal industries .....	.87	1.49	.93
Blast furnaces and basic steel products .....	1.30	3.03	1.68
Fabricated metal products .....	.73	1.00	.76
Industrial machinery and equipment .....	.62	.80	.70
Computer and office equipment .....	1.91	5.69	3.82
Electronic and other electrical equipment .....	.81	1.05	1.08
Electronic components and accessories .....	1.30	1.09	2.20
Transportation equipment .....	1.12	.98	.87
Motor vehicles and equipment .....	1.75	1.32	1.32
Aircraft and parts .....	1.42	1.49	1.81
Instruments and related products .....	1.06	1.52	.89
Miscellaneous manufacturing .....	1.47	1.72	1.79
Nondurable goods .....	.39	.48	.38
Food and kindred products .....	.92	.92	.91
Tobacco products .....	3.19	2.87	3.82
Textile mill products .....	1.11	1.79	1.26
Apparel and other textile products .....	1.88	1.95	1.34
Paper and allied products .....	.87	1.03	.76
Printing and publishing .....	.72	1.03	1.21
Chemicals and allied products .....	.85	1.18	1.40
Petroleum and coal products .....	1.82	4.73	2.62
Rubber and miscellaneous plastics products .....	.68	1.08	.70
Leather and leather products .....	3.82	3.03	1.46
Wholesale trade .....	.54	.73	.80
Durable goods .....	.55	.70	.95
Nondurable goods .....	.92	1.40	1.37

Table 2-H. Standard error for change in levels estimates of employment, hours, and earnings in selected industries

Industry	Standard error 1-month change			Standard error 3-month change			Standard error 12-month change		
	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings	All em- ployees	Average weekly hours	Average hourly earnings
Mining .....	2,375	0.36	0.11	4,320	0.48	0.15	6,972	0.76	0.28
Metal mining .....	326	.39	.10	619	.75	.16	1,098	1.31	.34
Coal mining .....	476	.44	.13	833	.63	.18	1,961	1.27	.42
Oil and gas extraction .....	2,110	.61	.20	3,805	.79	.26	5,718	1.17	.47
Nonmetallic minerals, except fuels .....	754	.40	.09	1,689	.52	.14	2,608	.65	.24
Construction .....	11,731	.10	.04	19,046	.15	.06	29,060	.27	.10
General building contractors .....	5,745	.20	.08	9,008	.25	.10	14,865	.35	.17
Heavy construction, except building .....	4,347	.29	.09	6,941	.38	.14	9,848	.57	.23
Special trade contractors .....	9,671	.13	.05	16,126	.18	.07	24,619	.38	.12
Manufacturing .....	13,086	.05	.02	18,795	.07	.02	38,622	.10	.03
Durable goods .....	10,138	.07	.02	14,892	.09	.03	28,805	.12	.04
Lumber and wood products .....	2,599	.21	.04	4,316	.27	.05	6,432	.40	.07
Furniture and fixtures .....	1,823	.22	.04	2,800	.28	.06	4,432	.39	.10
Stone, clay, and glass products .....	1,882	.33	.06	3,296	.40	.08	5,213	.64	.15
Primary metal industries .....	1,642	.22	.07	2,703	.26	.09	5,288	.33	.12
Blast furnaces and basic steel products .....	831	.36	.18	1,325	.45	.23	2,916	.70	.27
Fabricated metal products .....	2,875	.14	.04	4,744	.19	.05	9,727	.33	.08
Industrial machinery and equipment .....	3,728	.13	.03	5,928	.18	.05	9,460	.24	.10
Computer and office equipment .....	1,659	.43	.13	3,295	.56	.27	5,566	1.43	.66
Electronic and other electrical equipment .....	3,224	.17	.05	5,161	.23	.07	11,287	.49	.12
Electronic components and accessories .....	1,662	.29	.11	3,692	.33	.15	7,364	.51	.25
Transportation equipment .....	5,823	.23	.08	7,914	.34	.12	14,799	.37	.13
Motor vehicles and equipment .....	5,877	.32	.11	7,812	.53	.18	14,953	.54	.20
Aircraft and parts .....	992	.29	.09	1,893	.35	.12	4,850	.56	.27
Instruments and related products .....	1,731	.25	.06	3,492	.35	.07	6,795	.50	.11
Miscellaneous manufacturing .....	1,629	.26	.07	2,593	.31	.11	4,192	.44	.16
Nondurable goods .....	7,290	.08	.02	11,710	.10	.03	20,172	.17	.04
Food and kindred products .....	4,972	.18	.04	8,401	.23	.05	10,307	.33	.10
Tobacco product .....	514	.48	.25	1,064	.44	.54	1,505	.90	.45
Textile mill products .....	1,425	.21	.04	2,092	.29	.04	3,618	.50	.11
Apparel and other textile products .....	2,687	.25	.04	4,684	.34	.06	7,557	.58	.10
Paper and allied products .....	1,375	.21	.05	2,327	.24	.07	5,310	.38	.12
Printing and publishing .....	2,889	.17	.05	4,591	.23	.07	8,240	.34	.12
Chemicals and allied products .....	2,013	.22	.08	4,040	.30	.11	8,130	.49	.17
Petroleum and coal products .....	878	.79	.22	1,403	1.33	.32	2,310	1.90	.53
Rubber and miscellaneous plastics products .....	2,166	.17	.04	3,594	.22	.05	5,605	.34	.08
Leather and leather products .....	627	.41	.08	1,167	.58	.12	2,357	.90	.18
Wholesale trade .....	9,548	.10	.04	15,513	.13	.06	29,903	.23	.10
Durable goods .....	6,629	.11	.06	11,247	.13	.08	19,165	.23	.13
Nondurable goods .....	6,211	.15	.05	9,929	.21	.07	19,307	.41	.15

# 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 substate areas**

Monthly labor force, employment, and unemployment estimates for two large substate 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.

**Substate 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 substate 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, substate 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 nonseasonal 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 were carried back only to 1994 through 1998, when the standard 5-year revision period was reinstated.

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 this month has a 5-week interval between the February and March surveys only every 29 years.

Effective with the release of the March 1997 benchmark, seasonally adjusted series for 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. 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, is 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 2001, new seasonal adjustment factors for March-October 2001, and a description of the current seasonal adjustment procedure appear in the June 2001 issue of *Employment and Earnings*. Revised factors for the September 2001-April 2002 period will appear in the December 2001 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 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**

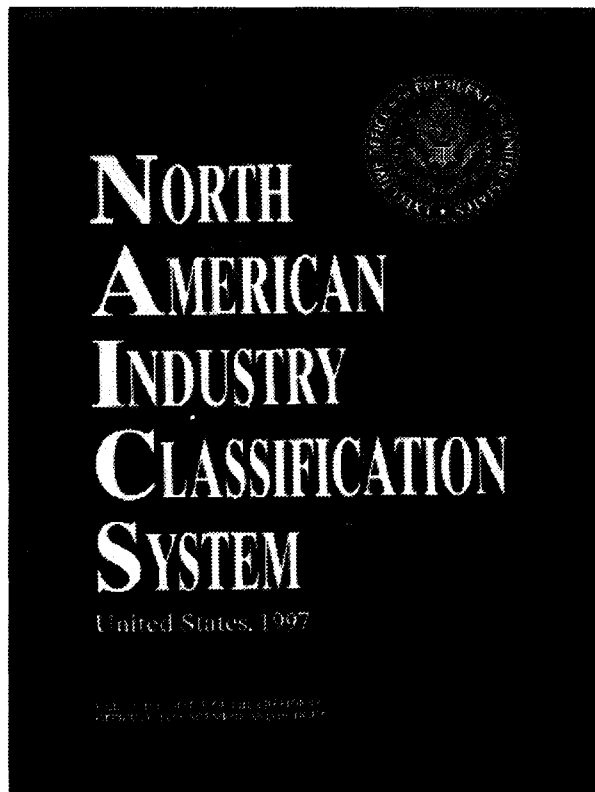
Beginning in 1992, BLS introduced publication of seasonally adjusted labor force data for the census regions and divisions, the 50 States, and the District of Columbia (tables C-1 and C-2). Beginning in 1998, regional aggregations are

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.

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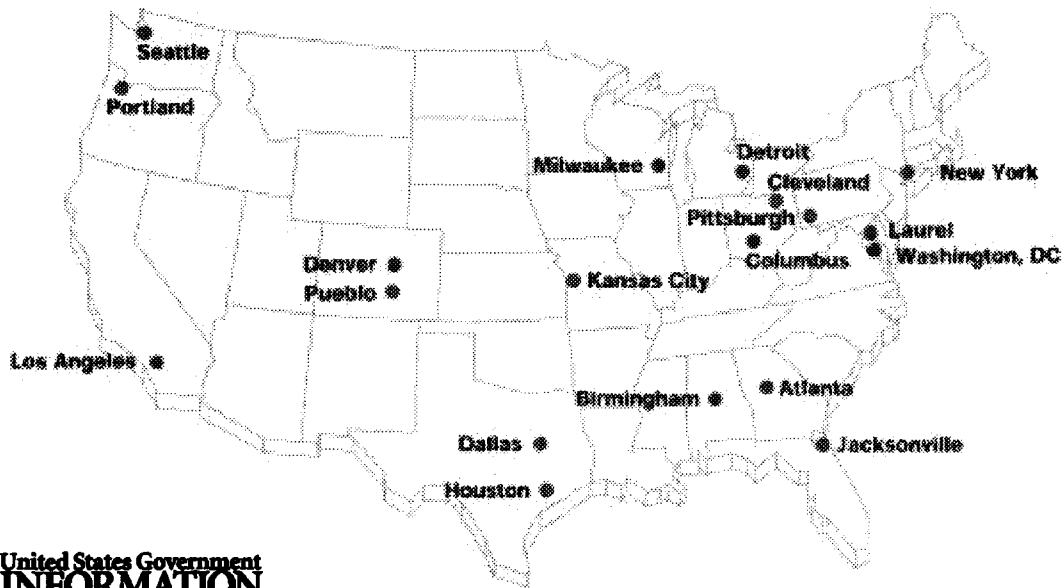
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