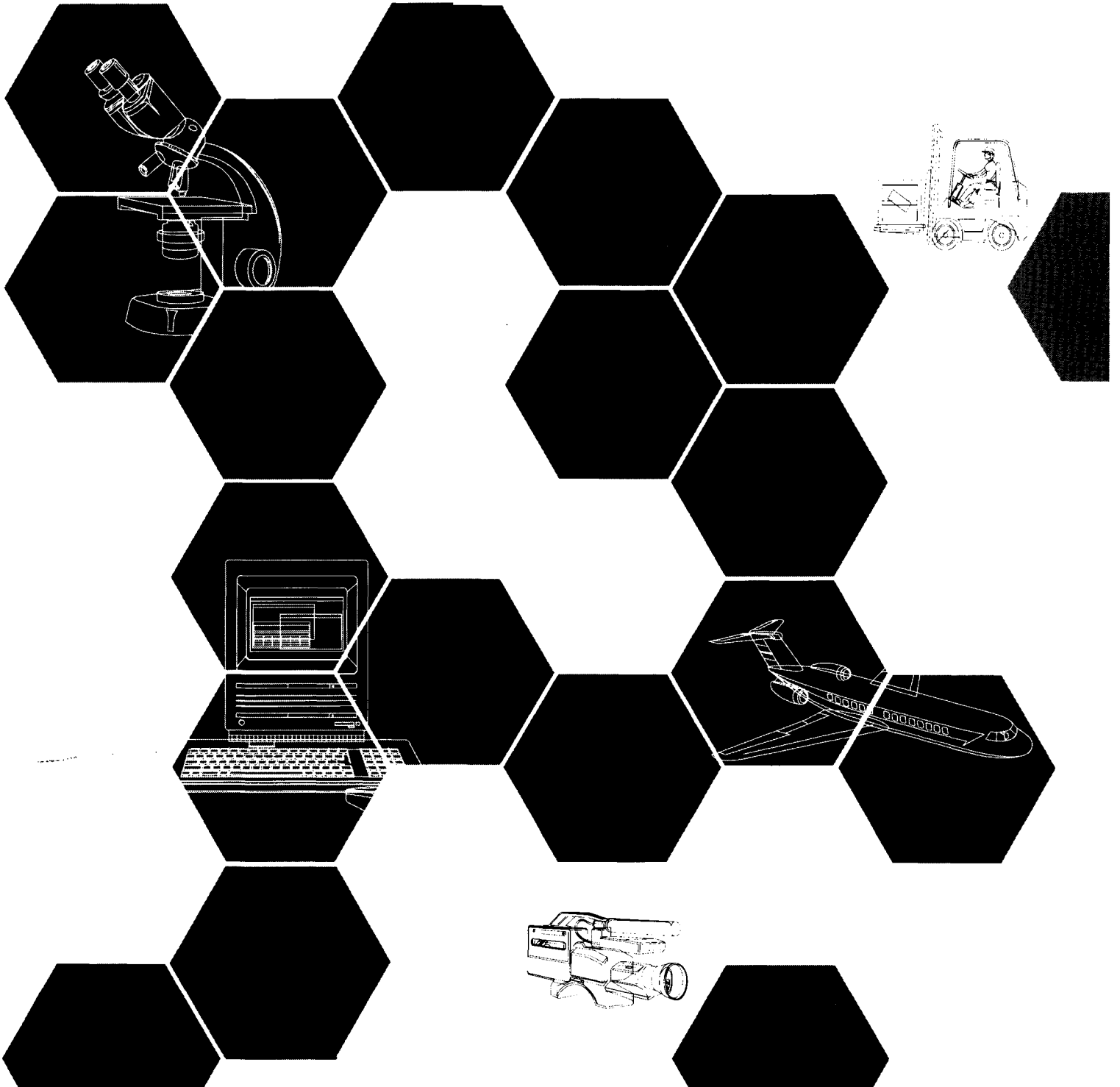




# EMPLOYMENT AND EARNINGS

U.S. Department of Labor  
Bureau of Labor Statistics  
February 1995



# Monthly Household Data

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# Employment and Unemployment Developments, January 1995

Unemployment rose in January and nonfarm payroll job growth slowed. After declining markedly during 1994, the Nation's jobless rate rose by 0.3 percentage point to 5.7 percent.

The number of nonfarm payroll jobs (as measured by the survey of employers) increased by 134,000 in January, after having risen by nearly 750,000 in the prior 2 months. Total employment (as measured by the survey of households) was little changed over the month.

## Unemployment

The number of unemployed persons increased by 343,000 to 7.5 million in January, and the unemployment rate rose by 0.3 percentage point to 5.7 percent, after seasonal adjustment. Unemployment had been on a downward trend in 1994; the level had declined by 1.6 million, and the jobless rate had fallen by 1.3 percentage points, from 6.7 percent in January to 5.4 percent in December. (See table A-3.)

Among the major worker groups, adult men accounted for much of the January increase in unemployment; their jobless rate was up by 0.3 percentage point over the month to 5.0 percent. The rate for adult women (4.9 percent) rose slightly, while that for teenagers (16.7 percent) was little changed from the prior month. The rate for Hispanics rose to 10.2 percent in January, equaling that for blacks for the first time (Hispanic data first became available in 1973). The rate for whites, at 4.9 percent, changed little from the December figure. (See tables A-3 and A-4.)

The rise in joblessness reflected primarily an increase in the number of newly unemployed persons (less than 5 weeks duration). Their number rose by 350,000 over the month to 2.9 million. There also was an increase in the number of unemployed persons on temporary layoff—those expecting to be recalled to their jobs. At 1.1 million in January, the number of such workers was up by 131,000 from the prior month. (See tables A-12 and A-11.)

The number of persons working part time for economic reasons—sometimes referred to as the partially unemployed—increased by 271,000 over the month to 4.7 million. (See table A-6.)

## Total employment and the labor force

The number of employed persons was about unchanged over the month, at 124.6 million (seasonally adjusted). That measure had increased substantially during the last half of

1994. The employment-population ratio—the proportion of the working-age population with jobs—was 63.0 percent for the third consecutive month. (See table A-3.) A total of 7.2 million workers (not seasonally adjusted), or 5.8 percent of all employed persons, held two or more jobs in January (table A-35).

At 132.1 million, the number of persons in the labor force rose by 411,000 over the month. The labor force participation rate was up by 0.2 percentage point to 66.8 percent. Compared with a year ago, the labor force has risen by 1.5 million. (See table A-3.)

## Persons not in the labor force

The number of persons with a marginal attachment to the labor force—those who wanted and were available for work, but were no longer actively looking for jobs after having searched sometime in the past 12 months—was 1.8 million (not seasonally adjusted) in January. Of that number, those who were not looking because they believed their prospects for finding jobs were poor—discouraged workers—totaled 440,000. (See table A-34.)

## Industry payroll employment

Total nonfarm payroll employment rose by 134,000 in January, seasonally adjusted, following generally larger gains throughout 1994. Manufacturing continued to add jobs at a brisk pace, but job growth in services and retail trade was considerably slower than in recent months. (See table B-3.)

Manufacturing employment continued its upward trend in January with a seasonally adjusted increase of 39,000. Gains were concentrated in motor vehicles, fabricated metals, industrial machinery, and rubber and plastics. These industries, along with electronic equipment, have accounted for the bulk of the manufacturing job growth in the past several months. The large increase in automobile jobs (16,000) reflected continued production in factories that typically shut down at the beginning of the year to adjust inventories. Employment growth of 27,000 in the construction industry in January was boosted by relatively mild temperatures across the Nation.

Services employment increased by 53,000 in January, the smallest monthly gain in nearly 2 years. Business services had its smallest rise since last spring, despite another gain in its personnel supply component. Health services,

where growth has been limited by the drive for cost containment, also had relatively weak growth for the month. Weather-related job declines occurred in amusement and recreation services, where the lack of snow affected the ski industry, and in agricultural services, which suffered from the flooding in California. On the positive side, there was continued strength in social services, engineering and management services, auto repair, and motion pictures.

Retail trade employment was virtually unchanged in January, following substantial gains in the prior 4 months. Sizeable declines in general merchandise stores and eating and drinking places in January partially countered large increases experienced by these industries at the end of 1994. Jobs in the transportation and public utilities industry rose by 15,000 in January, as growth continued in trucking and warehousing. Wholesale trade employment increased by 16,000, continuing its pace of job growth set over the past year. In contrast, government employment decreased by 32,000 over the month. Most of this drop was in Federal employment, reflecting continued downsizing, as well as the dismissal of a large number of workers from the Postal Service who had been hired for the holiday season.

### Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls increased by 0.3 hour in January to 34.9 hours, seasonally adjusted. The workweek for manufacturing workers was unchanged over the month at 42.2 hours, while factory overtime edged up 0.1 hour to a new high of 4.9 hours. The index of aggregate weekly hours of private production or nonsupervisory workers on nonfarm payrolls increased 1.0 percent to 132.3 (1982=100). The manufacturing index rose by 0.3 percent to 107.5, as a result of the increase in employment. (See tables B-8 and B-9.)

### Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers rose 7 cents in January to \$11.32, seasonally adjusted. Similar large increases last January and again in October were followed by 2 months of no (net) change. Average weekly earnings in January climbed 1.5 percent to \$395.07. Over the year, hourly earnings rose by 2.7 percent and weekly earnings by 3.0 percent. (See tables B-11 and B-15.)

### Planned Changes in State and Area Estimates

Beginning with the release of data for January 1995 in March, estimates for State labor force data will be revised to reflect the implementation of updated inputs to the regression models and the introduction of revised 1990 census-based population controls. The new inputs affect data for the 39 nondirect-use States and the District of Columbia. (More information on the regression models is available from the Bureau of Labor Statistics, Division of Local Area Unemployment Statistics, 202-606-6405.) Monthly historical series from 1990 through 1994 will be replaced with reestimated series. These series also will be reseasonally adjusted based on recomputed seasonal adjustment factors. The introduction of revised 1990 census-based population figures affects data for all States from 1990 forward. Sub-State data also will be affected since they are controlled to State totals.

All nonfarm payroll employment estimates will be adjusted to March 1994 benchmark levels. These revisions will affect data from April 1994 forward. Seasonally adjusted employment data from January 1990 forward will be revised to incorporate the recomputation of seasonal adjustment factors.

Publication of data for nine new metropolitan areas will be introduced in tables B-14 and C-3.

### Scheduled Release Dates

Employment and unemployment data are scheduled for initial release on the following dates:

<i>Reference month</i>	<i>Release date</i>	<i>Reference month</i>	<i>Release date</i>
February	March 10	May	June 2
March	April 7	June	July 7
April	May 5	July	August 4

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

(Numbers in thousands)

Category	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Labor force status													
Civilian noninstitutional population .....	195,953	196,090	196,213	196,363	196,510	196,693	196,859	197,043	197,248	197,430	197,607	197,765	197,753
Civilian labor force .....	130,643	130,784	130,706	130,787	130,699	130,538	130,774	131,086	131,291	131,646	131,718	131,725	132,136
Percent of population .....	66.7	66.7	66.6	66.6	66.5	66.4	66.4	66.5	66.6	66.7	66.7	66.6	66.8
Employed .....	121,903	122,208	122,160	122,402	122,703	122,635	122,781	123,197	123,644	124,141	124,403	124,570	124,639
Percent of population .....	62.2	62.3	62.3	62.3	62.4	62.3	62.4	62.5	62.7	62.9	63.0	63.0	63.0
Unemployed .....	8,740	8,576	8,546	8,385	7,996	7,903	7,993	7,889	7,647	7,505	7,315	7,155	7,498
Not in labor force .....	65,310	65,306	65,507	65,576	65,811	66,155	66,085	65,957	65,957	65,784	65,889	66,040	65,617
Unemployment rates													
All workers .....	6.7	6.6	6.5	6.4	6.1	6.1	6.1	6.0	5.8	5.7	5.6	5.4	5.7
Men, 20 years and over .....	6.1	6.0	5.8	5.7	5.4	5.3	5.5	5.3	5.1	5.0	4.9	4.7	5.0
Women, 20 years and over .....	5.9	5.7	5.9	5.6	5.4	5.4	5.3	5.3	5.2	5.0	5.0	4.7	4.9
Both sexes, 16 to 19 years .....	18.5	18.2	18.0	19.2	18.1	17.1	17.7	17.5	17.2	17.1	15.8	17.2	16.7
White .....	5.8	5.7	5.6	5.6	5.3	5.3	5.3	5.2	5.1	5.0	4.8	4.8	4.9
Black .....	13.0	12.7	12.4	11.9	11.7	11.3	11.2	11.3	10.7	11.1	10.5	9.8	10.2
Hispanic origin .....	10.5	10.1	10.1	10.7	9.9	10.2	10.0	10.1	9.9	9.4	8.8	9.2	10.2

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

(Numbers in thousands)

Industry	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>	Jan. <sup>P</sup>
Employment													
Total .....	111,711	111,919	112,298	112,699	112,951	113,334	113,624	113,914	114,186	114,348	114,882	115,092	115,226
Total private .....	92,810	93,003	93,357	93,718	93,937	94,316	94,601	94,827	95,035	95,228	95,692	95,929	96,095
Goods-producing industries .....	23,328	23,327	23,395	23,506	23,519	23,576	23,590	23,640	23,673	23,715	23,827	23,858	23,927
Mining .....	616	612	609	606	603	605	601	603	605	599	600	596	599
Construction .....	4,744	4,745	4,806	4,893	4,907	4,927	4,944	4,942	4,972	4,974	5,044	5,044	5,071
Manufacturing .....	17,968	17,970	17,980	18,007	18,009	18,044	18,045	18,095	18,096	18,142	18,183	18,218	18,257
Service-producing industries .....	88,383	88,592	88,903	89,193	89,432	89,758	90,034	90,274	90,513	90,633	91,055	91,234	91,299
Transportation and public utilities .....	5,793	5,803	5,816	5,759	5,843	5,849	5,857	5,866	5,865	5,867	5,888	5,915	5,930
Wholesale trade .....	5,990	6,003	6,013	6,028	6,037	6,049	6,053	6,079	6,095	6,106	6,117	6,132	6,148
Retail trade .....	19,924	19,965	20,026	20,137	20,153	20,279	20,386	20,405	20,470	20,523	20,655	20,736	20,748
Finance, insurance, and real estate .....	6,771	6,776	6,781	6,791	6,787	6,798	6,801	6,794	6,786	6,786	6,791	6,791	6,792
Services .....	31,004	31,129	31,326	31,497	31,598	31,765	31,918	32,036	32,138	32,231	32,414	32,497	32,550
Government .....	18,901	18,916	18,941	18,981	19,014	19,018	19,023	19,087	19,151	19,120	19,190	19,163	19,131
Over-the-month change													
Total .....	101	208	379	401	252	383	290	290	272	162	534	210	134
Total private .....	118	193	354	361	219	379	285	226	208	193	464	237	166
Goods-producing industries .....	30	-1	68	111	13	57	14	50	33	42	112	31	69
Mining .....	-2	-4	-3	-3	-3	2	-4	2	2	-6	1	-4	3
Construction .....	6	1	61	87	14	20	17	-2	30	2	70	0	27
Manufacturing .....	26	2	10	27	2	35	1	50	1	46	41	35	39
Service-producing industries .....	71	209	311	290	239	326	276	240	239	120	422	179	65
Transportation and public utilities .....	1	10	13	-57	84	6	8	9	-1	2	21	27	15
Wholesale trade .....	14	13	10	15	9	12	4	26	16	11	11	15	16
Retail trade .....	-7	41	61	111	16	126	107	19	65	53	132	81	12
Finance, insurance, and real estate .....	2	5	5	10	-4	11	-1	4	-7	-8	5	0	1
Services .....	78	125	197	171	101	167	153	118	102	93	183	83	53
Government .....	-17	15	25	40	33	4	5	64	64	-31	70	-27	-32
Hours of work <sup>1</sup>													
Total private .....	34.8	34.3	34.6	34.7	34.8	34.6	34.6	34.4	34.6	34.9	34.6	34.6	34.9
Manufacturing .....	41.7	41.3	42.1	42.2	42.1	42.0	42.0	42.0	42.0	42.1	42.1	42.2	42.2
Overtime .....	4.5	4.5	4.7	4.8	4.7	4.7	4.6	4.6	4.7	4.7	4.8	4.8	4.9
Indexes of aggregate weekly hours (1982=100) <sup>1</sup>													
Total private .....	127.1	125.6	127.3	128.2	129.1	128.8	129.3	128.9	129.7	131.1	130.7	131.0	132.3
Manufacturing .....	103.7	102.8	104.9	105.4	105.1	105.3	105.2	105.7	105.8	106.4	106.9	107.2	107.5
Earnings <sup>1</sup>													
Average hourly earnings, total private:													
Current dollars .....	\$11.02	\$11.03	\$11.02	\$11.05	\$11.09	\$11.08	\$11.11	\$11.13	\$11.17	\$11.25	\$11.23	\$11.25	\$11.32
Constant (1982) dollars <sup>2</sup> .....	7.43	7.42	7.39	7.40	7.42	7.39	7.38	7.36	7.38	7.43	7.39	7.39	N.A.
Average weekly earnings, total private .....	383.50	378.33	381.29	383.44	385.93	383.37	384.41	382.87	386.48	392.63	388.56	389.25	\$395.07

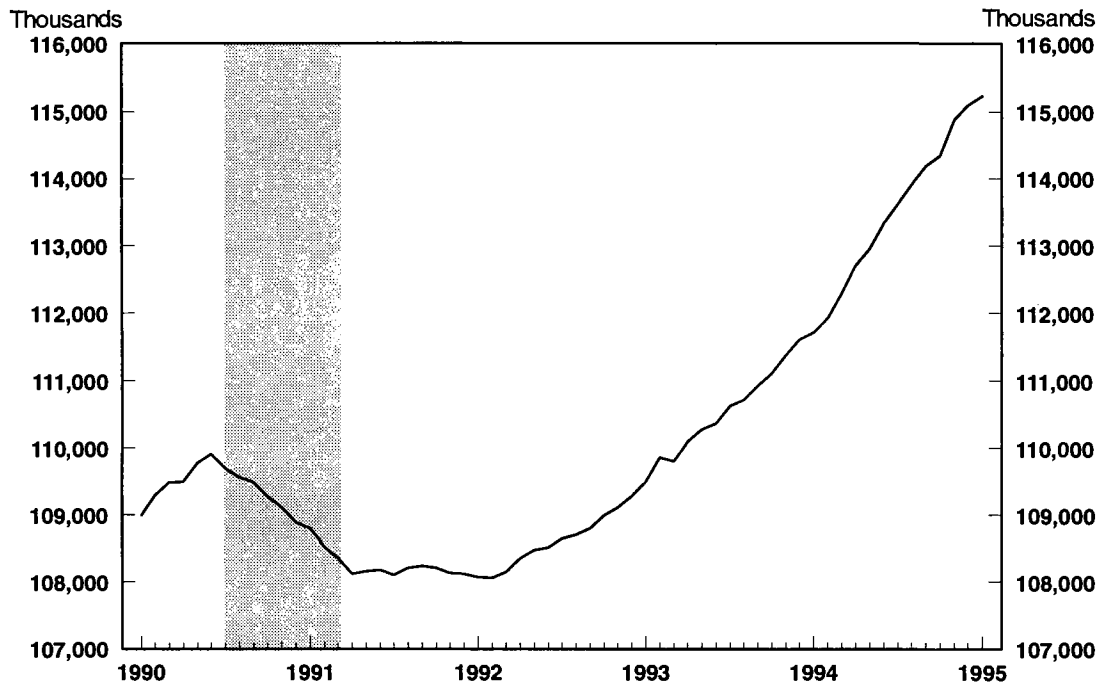
<sup>1</sup> Data relate to private production or nonsupervisory workers.

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

N.A. = not available.

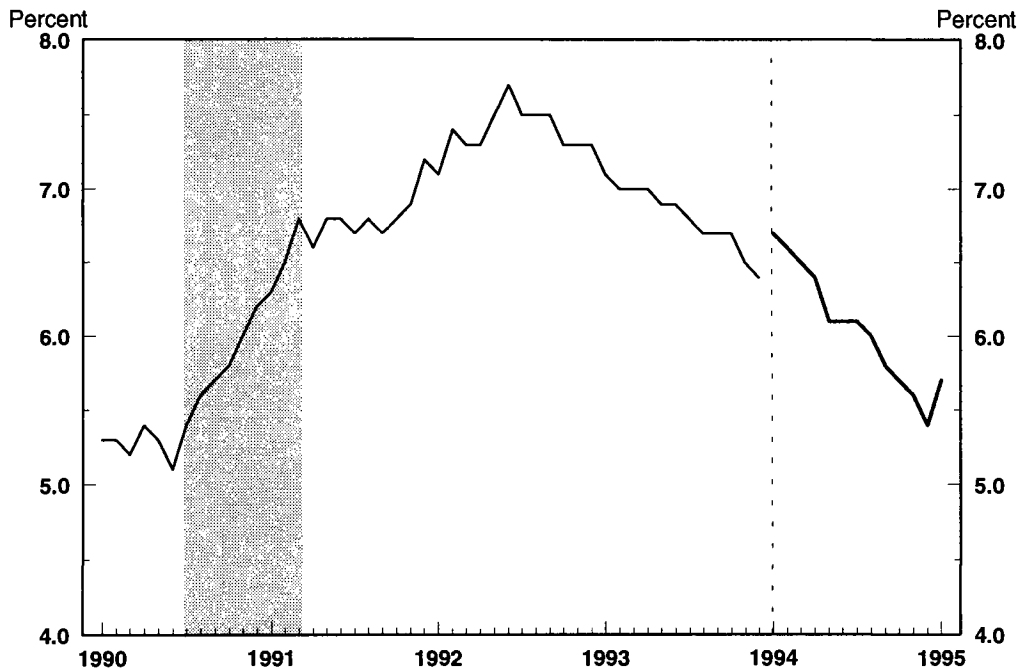
<sup>P</sup> = preliminary.

**Chart 1. Nonfarm payroll employment, seasonally adjusted, 1990-95**



NOTE: Shaded area represents recession.

**Chart 2. Unemployment rate, seasonally adjusted, 1990-95**



NOTE: Shaded area represents recession. Household data beginning in January 1994 reflect: 1) The introduction of the results of a major redesign of the Current Population Survey questionnaire and collection methodology, and 2) the introduction of population controls based on the 1990 census, adjusted for the estimated population undercount, and are not directly comparable with data for prior years.



**HOUSEHOLD DATA  
HISTORICAL**

**A-1. Employment status of the civilian noninstitutional population 16 years and over, 1961 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										
1961 .....	118,771	70,459	59.3	65,746	55.4	5,200	60,546	4,714	6.7	48,312
1962 <sup>1</sup> .....	120,153	70,614	58.8	66,702	55.5	4,944	61,759	3,911	5.5	49,539
1963 .....	122,416	71,833	58.7	67,762	55.4	4,687	63,076	4,070	5.7	50,583
1964 .....	124,485	73,091	58.7	69,305	55.7	4,523	64,782	3,786	5.2	51,394
1965 .....	126,513	74,455	58.9	71,088	56.2	4,361	66,726	3,366	4.5	52,058
1966 .....	128,058	75,770	59.2	72,895	56.9	3,979	68,915	2,875	3.8	52,288
1967 .....	129,874	77,347	59.6	74,372	57.3	3,844	70,527	2,975	3.8	52,527
1968 .....	132,028	78,737	59.6	75,920	57.5	3,817	72,103	2,817	3.6	53,291
1969 .....	134,335	80,734	60.1	77,902	58.0	3,606	74,296	2,832	3.5	53,602
1970 .....	137,085	82,771	60.4	78,678	57.4	3,463	75,215	4,093	4.9	54,315
1971 .....	140,216	84,382	60.2	79,367	56.6	3,394	75,972	5,016	5.9	55,834
1972 <sup>1</sup> .....	144,126	87,034	60.4	82,153	57.0	3,484	78,669	4,882	5.6	57,091
1973 <sup>1</sup> .....	147,096	89,429	60.8	85,064	57.8	3,470	81,594	4,365	4.9	57,667
1974 .....	150,120	91,949	61.3	86,794	57.8	3,515	83,279	5,156	5.6	58,171
1975 .....	153,153	93,775	61.2	85,846	56.1	3,408	82,438	7,929	8.5	59,377
1976 .....	156,150	96,158	61.6	88,752	56.8	3,331	85,421	7,406	7.7	59,991
1977 .....	159,033	99,009	62.3	92,017	57.9	3,283	88,734	6,991	7.1	60,025
1978 <sup>1</sup> .....	161,910	102,251	63.2	96,048	59.3	3,387	92,661	6,202	6.1	59,659
1979 .....	164,863	104,962	63.7	98,824	59.9	3,347	95,477	6,137	5.8	59,900
1980 .....	167,745	106,940	63.8	99,303	59.2	3,364	95,938	7,637	7.1	60,806
1981 .....	170,130	108,670	63.9	100,397	59.0	3,368	97,030	8,273	7.6	61,460
1982 .....	172,271	110,204	64.0	99,526	57.8	3,401	96,125	10,678	9.7	62,067
1983 .....	174,215	111,550	64.0	100,834	57.9	3,383	97,450	10,717	9.6	62,665
1984 .....	176,383	113,544	64.4	105,005	59.5	3,321	101,685	8,539	7.5	62,839
1985 .....	178,206	115,461	64.8	107,150	60.1	3,179	103,971	8,312	7.2	62,744
1986 <sup>1</sup> .....	180,587	117,834	65.3	109,597	60.7	3,163	106,434	8,237	7.0	62,752
1987 .....	182,753	119,865	65.6	112,440	61.5	3,208	109,232	7,425	6.2	62,888
1988 .....	184,613	121,669	65.9	114,968	62.3	3,169	111,800	6,701	5.5	62,944
1989 .....	186,393	123,869	66.5	117,342	63.0	3,199	114,142	6,528	5.3	62,523
1990 .....	188,049	124,787	66.4	117,914	62.7	3,186	114,728	6,874	5.5	63,262
1991 .....	189,765	125,303	66.0	116,877	61.6	3,233	113,644	8,426	6.7	64,462
1992 .....	191,576	126,982	66.3	117,598	61.4	3,207	114,391	9,384	7.4	64,593
1993 .....	193,550	128,040	66.2	119,306	61.6	3,074	116,232	8,734	6.8	65,509
1994 <sup>2</sup> .....	196,814	131,056	66.6	123,060	62.5	3,409	119,651	7,996	6.1	65,758
Monthly data, seasonally adjusted <sup>3</sup>										
<b>1994:</b>										
January .....	195,953	130,643	66.7	121,903	62.2	3,328	118,575	8,740	6.7	65,310
February .....	196,090	130,784	66.7	122,208	62.3	3,368	118,840	8,576	6.6	65,306
March .....	196,213	130,706	66.6	122,160	62.3	3,396	118,764	8,546	6.5	65,507
April .....	196,363	130,787	66.6	122,402	62.3	3,438	118,964	8,385	6.4	65,576
May .....	196,510	130,699	66.5	122,703	62.4	3,413	119,290	7,996	6.1	65,811
June .....	196,693	130,538	66.4	122,635	62.3	3,294	119,341	7,903	6.1	66,155
July .....	196,859	130,774	66.4	122,781	62.4	3,333	119,448	7,993	6.1	66,085
August .....	197,043	131,086	66.5	123,197	62.5	3,436	119,761	7,889	6.0	65,957
September .....	197,248	131,291	66.6	123,644	62.7	3,411	120,233	7,647	5.8	65,957
October .....	197,430	131,646	66.7	124,141	62.9	3,494	120,647	7,505	5.7	65,784
November .....	197,607	131,718	66.7	124,403	63.0	3,500	120,903	7,315	5.6	65,889
December .....	197,765	131,725	66.6	124,570	63.0	3,532	121,038	7,155	5.4	66,040
<b>1995:</b>										
January .....	197,753	132,136	66.8	124,639	63.0	3,575	121,064	7,498	5.7	65,617

<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> Data, beginning in 1994, are not directly comparable with data for 1993 and earlier years because of the introduction of a major redesign of the Current Population Survey (household survey) questionnaire and

collection methodology and the introduction of 1990 census-based population controls, adjusted for the estimated undercount. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of this publication.

<sup>3</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, 1984 to date**

(Numbers in thousands)

Sex, 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	
<b>Annual averages</b>										
<b>MEN</b>										
1984	83,605	63,835	76.4	59,091	70.7	2,668	56,423	4,744	7.4	19,771
1985	84,469	64,411	76.3	59,891	70.9	2,535	57,356	4,521	7.0	20,058
1986 <sup>1</sup>	85,798	65,422	76.3	60,892	71.0	2,511	58,381	4,530	6.9	20,376
1987	86,899	66,207	76.2	62,107	71.5	2,543	59,564	4,101	6.2	20,692
1988	87,857	66,927	76.2	63,273	72.0	2,493	60,780	3,655	5.5	20,930
1989	88,762	67,840	76.4	64,315	72.5	2,513	61,802	3,525	5.2	20,923
1990	89,650	68,234	76.1	64,435	71.9	2,507	61,928	3,799	5.6	21,417
1991	90,552	68,411	75.5	63,593	70.2	2,552	61,041	4,817	7.0	22,141
1992	91,541	69,184	75.6	63,805	69.7	2,534	61,270	5,380	7.8	22,356
1993	92,620	69,633	75.2	64,700	69.9	2,438	62,263	4,932	7.1	22,987
1994 <sup>2</sup>	94,355	70,817	75.1	66,450	70.4	2,554	63,896	4,367	6.2	23,538
<b>Monthly data, seasonally adjusted<sup>3</sup></b>										
<b>1994:</b>										
January	93,909	70,709	75.3	65,846	70.1	2,532	63,314	4,863	6.9	23,200
February	93,982	70,639	75.2	65,887	70.1	2,545	63,342	4,752	6.7	23,343
March	94,042	70,607	75.1	65,981	70.2	2,569	63,412	4,626	6.6	23,435
April	94,119	70,625	75.0	66,058	70.2	2,553	63,505	4,567	6.5	23,494
May	94,196	70,545	74.9	66,197	70.3	2,570	63,627	4,348	6.2	23,651
June	94,294	70,521	74.8	66,255	70.3	2,511	63,744	4,266	6.0	23,773
July	94,377	70,655	74.9	66,226	70.2	2,507	63,719	4,429	6.3	23,722
August	94,469	70,741	74.9	66,458	70.3	2,578	63,880	4,283	6.1	23,728
September	94,576	70,791	74.9	66,682	70.5	2,515	64,167	4,109	5.8	23,785
October	94,671	71,133	75.1	67,059	70.8	2,584	64,475	4,074	5.7	23,538
November	94,768	71,168	75.1	67,244	71.0	2,599	64,645	3,924	5.5	23,600
December	94,851	71,379	75.3	67,483	71.1	2,607	64,876	3,896	5.5	23,472
<b>1995:</b>										
January	94,749	71,476	75.4	67,386	71.1	2,648	64,738	4,090	5.7	23,273
<b>Annual averages</b>										
<b>WOMEN</b>										
1984	92,778	49,709	53.6	45,915	49.5	653	45,262	3,794	7.6	43,068
1985	93,736	51,050	54.5	47,259	50.4	644	46,615	3,791	7.4	42,686
1986 <sup>1</sup>	94,789	52,413	55.3	48,706	51.4	652	48,054	3,707	7.1	42,376
1987	95,853	53,658	56.0	50,334	52.5	666	49,668	3,324	6.2	42,195
1988	96,756	54,742	56.6	51,696	53.4	676	51,020	3,046	5.6	42,014
1989	97,630	56,030	57.4	53,027	54.3	687	52,341	3,003	5.4	41,601
1990	98,399	56,554	57.5	53,479	54.3	679	52,800	3,075	5.4	41,845
1991	99,214	56,893	57.3	53,284	53.7	682	52,602	3,609	6.3	42,321
1992	100,035	57,798	57.8	53,793	53.8	673	53,121	4,005	6.9	42,237
1993	100,930	58,407	57.9	54,606	54.1	636	53,970	3,801	6.5	42,522
1994 <sup>2</sup>	102,460	60,239	58.8	56,610	55.3	855	55,755	3,629	6.0	42,221
<b>Monthly data, seasonally adjusted<sup>3</sup></b>										
<b>1994:</b>										
January	102,044	59,934	58.7	56,057	54.9	796	55,261	3,877	6.5	42,110
February	102,107	60,145	58.9	56,321	55.2	823	55,498	3,824	6.4	41,962
March	102,171	60,099	58.8	56,179	55.0	827	55,352	3,920	6.5	42,072
April	102,244	60,162	58.8	56,344	55.1	885	55,459	3,818	6.3	42,082
May	102,314	60,154	58.8	56,506	55.2	843	55,663	3,648	6.1	42,160
June	102,399	60,017	58.6	56,380	55.1	783	55,597	3,637	6.1	42,382
July	102,482	60,119	58.7	56,555	55.2	826	55,729	3,564	5.9	42,363
August	102,575	60,345	58.8	56,739	55.3	858	55,881	3,606	6.0	42,230
September	102,672	60,500	58.9	56,962	55.5	896	56,066	3,538	5.8	42,172
October	102,758	60,513	58.9	57,082	55.5	910	56,172	3,431	5.7	42,245
November	102,839	60,550	58.9	57,159	55.6	901	56,258	3,391	5.6	42,289
December	102,913	60,346	58.6	57,087	55.5	925	56,162	3,259	5.4	42,567
<b>1995:</b>										
January	103,004	60,660	58.9	57,252	55.6	927	56,325	3,408	5.6	42,344

<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> Data, beginning in 1994, are not directly comparable with data for 1993 and earlier years because of the introduction of a major redesign of the Current Population Survey

(household survey) questionnaire and collection methodology and the introduction of 1990 census-based population controls, adjusted for the estimated undercount. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of this publication.

<sup>3</sup> The population figures are not adjusted for seasonal variation.

HOUSEHOLD DATA  
SEASONALLY ADJUSTED

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

(Numbers in thousands)

Employment status, sex, and age	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	195,953	196,090	196,213	196,363	196,510	196,693	196,859	197,043	197,248	197,430	197,607	197,765	197,753
Civilian labor force .....	130,643	130,784	130,706	130,787	130,699	130,538	130,774	131,086	131,291	131,646	131,718	131,725	132,136
Percent of population .....	66.7	66.7	66.6	66.6	66.5	66.4	66.4	66.5	66.6	66.7	66.7	66.6	66.8
Employed .....	121,903	122,208	122,160	122,402	122,703	122,635	122,781	123,197	123,644	124,141	124,403	124,570	124,539
Employment-population ratio .....	62.2	62.3	62.3	62.3	62.4	62.3	62.4	62.5	62.7	62.9	63.0	63.0	63.0
Unemployed .....	8,740	8,576	8,546	8,385	7,996	7,903	7,993	7,889	7,647	7,505	7,315	7,155	7,498
Unemployment rate .....	6.7	6.6	6.5	6.4	6.1	6.1	6.1	6.0	5.8	5.7	5.6	5.4	5.7
<b>Men, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	93,909	93,982	94,042	94,119	94,196	94,294	94,377	94,469	94,576	94,671	94,768	94,851	94,749
Civilian labor force .....	70,709	70,639	70,607	70,625	70,545	70,521	70,655	70,741	70,791	71,133	71,168	71,379	71,476
Percent of population .....	75.3	75.2	75.1	75.0	74.9	74.8	74.9	74.9	74.9	75.1	75.1	75.3	75.4
Employed .....	65,846	65,887	65,981	66,058	66,197	66,255	66,226	66,458	66,682	67,059	67,244	67,483	67,386
Employment-population ratio .....	70.1	70.1	70.2	70.2	70.3	70.3	70.2	70.3	70.5	70.8	71.0	71.1	71.1
Agriculture .....	2,532	2,545	2,569	2,553	2,570	2,511	2,507	2,578	2,515	2,584	2,599	2,607	2,648
Nonagricultural industries .....	63,314	63,342	63,412	63,505	63,627	63,744	63,719	63,880	64,167	64,475	64,645	64,876	64,738
Unemployed .....	4,863	4,752	4,626	4,567	4,348	4,266	4,429	4,283	4,109	4,074	3,924	3,896	4,090
Unemployment rate .....	6.9	6.7	6.6	6.5	6.2	6.0	6.3	6.1	5.8	5.7	5.5	5.5	5.7
Not in labor force .....	23,200	23,343	23,435	23,494	23,651	23,773	23,722	23,728	23,785	23,538	23,600	23,472	23,273
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	86,778	86,820	86,901	86,946	87,000	87,095	87,123	87,248	87,321	87,439	87,529	87,617	87,528
Civilian labor force .....	66,800	66,753	66,748	66,741	66,652	66,602	66,747	66,817	66,909	67,177	67,345	67,450	67,539
Percent of population .....	77.0	76.9	76.8	76.8	76.6	76.5	76.6	76.6	76.6	76.8	76.9	77.0	77.2
Employed .....	62,745	62,767	62,877	62,959	63,080	63,043	63,076	63,271	63,517	63,820	64,051	64,281	64,133
Employment-population ratio .....	72.3	72.3	72.4	72.4	72.5	72.4	72.4	72.5	72.7	73.0	73.2	73.4	73.3
Agriculture .....	2,338	2,339	2,357	2,362	2,384	2,334	2,314	2,377	2,293	2,329	2,377	2,410	2,390
Nonagricultural industries .....	60,407	60,428	60,520	60,597	60,696	60,709	60,762	60,894	61,224	61,491	61,674	61,871	61,742
Unemployed .....	4,055	3,986	3,871	3,782	3,572	3,559	3,671	3,546	3,392	3,357	3,294	3,169	3,406
Unemployment rate .....	6.1	6.0	5.8	5.7	5.4	5.3	5.5	5.3	5.1	5.0	4.9	4.7	5.0
Not in labor force .....	19,978	20,067	20,153	20,205	20,348	20,493	20,376	20,431	20,412	20,262	20,184	20,167	19,990
<b>Women, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	102,044	102,107	102,171	102,244	102,314	102,399	102,482	102,575	102,672	102,758	102,839	102,913	103,004
Civilian labor force .....	59,934	60,145	60,099	60,162	60,154	60,017	60,119	60,345	60,500	60,513	60,550	60,346	60,660
Percent of population .....	58.7	58.9	58.8	58.8	58.8	58.6	58.7	58.8	58.9	58.9	58.9	58.6	58.9
Employed .....	56,057	56,321	56,179	56,344	56,506	56,380	56,555	56,739	56,962	57,082	57,159	57,087	57,252
Employment-population ratio .....	54.9	55.2	55.0	55.1	55.2	55.1	55.2	55.3	55.5	55.5	55.6	55.5	55.6
Agriculture .....	796	823	827	885	843	783	826	858	896	910	901	925	927
Nonagricultural industries .....	55,261	55,498	55,352	55,459	55,663	55,597	55,729	55,881	56,066	56,172	56,258	56,162	56,325
Unemployed .....	3,877	3,824	3,920	3,818	3,648	3,637	3,564	3,606	3,538	3,431	3,391	3,259	3,408
Unemployment rate .....	6.5	6.4	6.5	6.3	6.1	6.1	5.9	6.0	5.8	5.7	5.6	5.4	5.6
Not in labor force .....	42,110	41,962	42,072	42,082	42,160	42,382	42,363	42,230	42,172	42,245	42,289	42,567	42,344
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	95,109	95,159	95,225	95,282	95,329	95,407	95,469	95,544	95,658	95,729	95,821	95,873	95,961
Civilian labor force .....	56,373	56,592	56,511	56,466	56,545	56,384	56,536	56,747	57,031	56,951	56,964	56,725	56,951
Percent of population .....	59.3	59.5	59.3	59.3	59.3	59.3	59.2	59.4	59.6	59.5	59.5	59.2	59.3
Employed .....	53,067	53,355	53,176	53,318	53,481	53,328	53,541	53,722	54,044	54,090	54,129	54,037	54,134
Employment-population ratio .....	55.8	56.1	55.8	56.0	56.1	55.9	56.1	56.2	56.5	56.5	56.5	56.4	56.4
Agriculture .....	751	769	775	833	789	739	790	815	847	863	850	882	877
Nonagricultural industries .....	52,316	52,586	52,401	52,485	52,692	52,589	52,751	52,907	53,197	53,227	53,279	53,155	53,257
Unemployed .....	3,306	3,237	3,335	3,148	3,064	3,056	2,995	3,025	2,987	2,861	2,855	2,688	2,817
Unemployment rate .....	5.9	5.7	5.9	5.6	5.4	5.4	5.3	5.3	5.2	5.0	5.0	4.7	4.9
Not in labor force .....	38,736	38,567	38,714	38,816	38,784	39,023	38,933	38,797	38,627	38,778	38,837	39,148	39,010
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	14,066	14,111	14,087	14,135	14,181	14,191	14,267	14,251	14,269	14,261	14,257	14,274	14,263
Civilian labor force .....	7,470	7,439	7,447	7,580	7,502	7,552	7,491	7,522	7,351	7,518	7,389	7,550	7,646
Percent of population .....	53.1	52.7	52.9	53.6	52.9	53.2	52.5	52.8	51.5	52.7	51.8	52.9	53.6
Employed .....	6,091	6,086	6,107	6,125	6,142	6,264	6,164	6,204	6,083	6,231	6,223	6,252	6,372
Employment-population ratio .....	43.3	43.1	43.4	43.3	43.3	44.1	43.2	43.5	42.6	43.7	43.6	43.8	44.7
Agriculture .....	239	260	264	243	240	221	229	244	271	302	273	240	308
Nonagricultural industries .....	5,852	5,826	5,843	5,882	5,902	6,043	5,935	5,960	5,812	5,929	5,950	6,012	6,064
Unemployed .....	1,379	1,353	1,340	1,455	1,360	1,288	1,327	1,318	1,268	1,287	1,166	1,298	1,274
Unemployment rate .....	18.5	18.2	18.0	19.2	18.1	17.1	17.7	17.5	17.2	17.1	15.8	17.2	16.7
Not in labor force .....	6,596	6,672	6,640	6,555	6,679	6,639	6,776	6,729	6,918	6,743	6,868	6,724	6,617

<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-12 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	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	165,014	165,096	165,168	165,259	165,351	165,472	165,576	165,696	165,832	165,954	166,072	166,175	166,361
Civilian labor force .....	110,669	110,896	110,641	110,809	110,829	110,523	110,911	111,186	111,381	111,555	111,637	111,715	111,876
Percent of population .....	67.1	67.2	67.0	67.1	67.0	66.8	67.0	67.1	67.2	67.2	67.2	67.2	67.2
Employed .....	104,268	104,612	104,412	104,591	104,978	104,687	105,006	105,401	105,740	106,010	106,242	106,352	106,366
Employment-population ratio .....	63.2	63.4	63.2	63.3	63.5	63.3	63.4	63.6	63.8	63.9	64.0	64.0	63.9
Unemployed .....	6,401	6,284	6,229	6,218	5,851	5,836	5,905	5,785	5,641	5,545	5,395	5,363	5,510
Unemployment rate .....	5.8	5.7	5.6	5.6	5.3	5.3	5.3	5.2	5.1	5.0	4.8	4.8	4.9
<b>Men, 20 years and over</b>													
Civilian labor force .....	57,314	57,272	57,227	57,228	57,124	57,156	57,326	57,387	57,478	57,615	57,726	57,836	57,848
Percent of population .....	77.4	77.3	77.2	77.2	77.0	77.0	77.1	77.2	77.2	77.3	77.4	77.5	77.5
Employed .....	54,307	54,293	54,301	54,356	54,448	54,463	54,566	54,734	54,926	55,061	55,242	55,384	55,289
Employment-population ratio .....	73.3	73.3	73.3	73.3	73.4	73.3	73.4	73.6	73.8	73.9	74.1	74.2	74.1
Unemployed .....	3,007	2,979	2,926	2,872	2,676	2,693	2,760	2,653	2,552	2,554	2,484	2,452	2,559
Unemployment rate .....	5.2	5.2	5.1	5.0	4.7	4.7	4.8	4.6	4.4	4.4	4.3	4.2	4.4
<b>Women, 20 years and over</b>													
Civilian labor force .....	47,027	47,292	47,073	47,067	47,286	46,973	47,227	47,403	47,737	47,614	47,631	47,440	47,443
Percent of population .....	59.0	59.3	59.0	58.9	59.2	58.8	59.0	59.2	59.6	59.4	59.4	59.1	59.0
Employed .....	44,656	44,983	44,756	44,837	45,103	44,747	45,016	45,204	45,560	45,535	45,569	45,475	45,419
Employment-population ratio .....	56.0	56.4	56.1	56.1	56.5	56.0	56.3	56.5	56.9	56.8	56.8	56.7	56.5
Unemployed .....	2,371	2,309	2,317	2,230	2,183	2,226	2,211	2,199	2,177	2,079	2,062	1,965	2,024
Unemployment rate .....	5.0	4.9	4.9	4.7	4.6	4.7	4.7	4.6	4.6	4.4	4.3	4.1	4.3
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	6,328	6,332	6,341	6,514	6,419	6,394	6,358	6,396	6,166	6,326	6,280	6,439	6,586
Percent of population .....	56.6	56.5	56.5	58.0	57.1	56.8	56.3	56.6	54.6	56.0	55.5	56.9	58.1
Employed .....	5,305	5,336	5,355	5,398	5,427	5,477	5,424	5,463	5,254	5,414	5,431	5,493	5,658
Employment-population ratio .....	47.4	47.6	47.7	48.0	48.3	48.6	48.1	48.4	46.5	47.9	48.0	48.5	49.9
Unemployed .....	1,023	996	986	1,116	992	917	934	933	912	912	849	946	928
Unemployment rate .....	16.2	15.7	15.5	17.1	15.5	14.3	14.7	14.6	14.8	14.4	13.5	14.7	14.1
Men .....	18.0	16.9	16.8	18.3	17.0	15.1	16.1	15.4	16.2	15.2	14.3	16.0	15.0
Women .....	14.1	14.4	14.2	15.9	13.7	13.6	13.1	13.7	13.3	13.5	12.6	13.2	13.1
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	22,723	22,751	22,774	22,799	22,824	22,855	22,883	22,917	22,955	22,990	23,023	23,052	23,089
Civilian labor force .....	14,423	14,462	14,525	14,507	14,510	14,481	14,380	14,429	14,477	14,649	14,578	14,541	14,697
Percent of population .....	63.5	63.6	63.8	63.6	63.6	63.4	62.8	63.0	63.1	63.7	63.3	63.1	63.7
Employed .....	12,544	12,624	12,718	12,775	12,810	12,838	12,767	12,795	12,927	13,022	13,054	13,119	13,192
Employment-population ratio .....	55.2	55.5	55.8	56.0	56.1	56.2	55.8	55.8	56.3	56.6	56.7	56.9	57.1
Unemployed .....	1,879	1,838	1,807	1,732	1,700	1,643	1,613	1,634	1,550	1,627	1,524	1,422	1,505
Unemployment rate .....	13.0	12.7	12.4	11.9	11.7	11.3	11.2	11.3	10.7	11.1	10.5	9.8	10.2
<b>Men, 20 years and over</b>													
Civilian labor force .....	6,585	6,654	6,612	6,631	6,709	6,600	6,561	6,570	6,637	6,706	6,702	6,722	6,796
Percent of population .....	72.3	73.0	72.4	72.6	73.3	72.0	71.7	71.5	72.1	72.7	72.6	72.7	73.6
Employed .....	5,780	5,869	5,922	5,936	6,017	5,939	5,880	5,898	5,989	6,069	6,085	6,165	6,172
Employment-population ratio .....	63.5	64.4	64.9	65.0	65.8	64.8	64.2	64.2	65.1	65.8	65.9	66.7	66.8
Unemployed .....	805	785	690	695	692	661	681	672	648	637	617	557	624
Unemployment rate .....	12.2	11.8	10.4	10.5	10.3	10.0	10.4	10.2	9.8	9.5	9.2	8.3	9.2
<b>Women, 20 years and over</b>													
Civilian labor force .....	6,949	6,980	7,077	7,030	6,997	7,017	6,954	7,012	7,001	7,033	7,012	7,002	7,127
Percent of population .....	60.8	61.0	61.8	61.3	61.0	61.1	60.5	60.9	60.7	60.9	60.7	60.5	61.4
Employed .....	6,167	6,218	6,249	6,293	6,296	6,347	6,345	6,356	6,368	6,384	6,390	6,420	6,521
Employment-population ratio .....	54.0	54.4	54.6	54.9	54.9	55.3	55.2	55.2	55.2	55.3	55.3	55.5	56.2
Unemployed .....	782	762	828	737	701	670	609	656	633	649	622	582	606
Unemployment rate .....	11.3	10.9	11.7	10.5	10.0	9.5	8.8	9.4	9.0	9.2	8.9	8.3	8.5

See footnotes at end of table.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	889	828	836	846	804	864	865	847	839	910	864	817	773
Percent of population .....	40.5	37.7	38.1	38.5	36.5	39.2	38.7	38.3	37.8	40.9	38.8	36.6	34.6
Employed .....	597	537	547	546	497	552	542	541	570	569	579	534	499
Employment-population ratio .....	27.2	24.5	24.9	24.8	22.6	25.0	24.3	24.5	25.7	25.6	26.0	23.9	22.3
Unemployed .....	292	291	289	300	307	312	323	306	269	341	285	283	275
Unemployment rate .....	32.8	35.1	34.6	35.5	38.2	36.1	37.3	36.1	32.1	37.5	33.0	34.6	35.5
Men .....	39.3	39.9	38.6	39.7	40.9	39.3	41.4	39.9	30.8	35.9	32.0	34.3	34.0
Women .....	26.7	30.2	30.3	31.0	35.0	32.6	32.7	31.9	33.4	39.1	34.1	35.0	37.1
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	17,849	17,896	17,942	17,993	18,041	18,092	18,143	18,193	18,244	18,291	18,339	18,385	18,368
Civilian labor force .....	11,702	11,781	11,811	11,873	11,916	11,896	11,956	12,002	11,997	12,222	12,324	12,224	12,036
Percent of population .....	65.6	65.8	65.8	66.0	66.0	65.8	65.9	66.0	65.8	66.8	67.2	66.5	65.5
Employed .....	10,469	10,589	10,614	10,601	10,735	10,682	10,760	10,786	10,806	11,074	11,236	11,105	10,811
Employment-population ratio .....	58.7	59.2	59.2	58.9	59.5	59.0	59.3	59.3	59.2	60.5	61.3	60.4	58.9
Unemployed .....	1,233	1,192	1,197	1,272	1,181	1,214	1,196	1,216	1,191	1,148	1,088	1,119	1,224
Unemployment rate .....	10.5	10.1	10.1	10.7	9.9	10.2	10.0	10.1	9.9	9.4	8.8	9.2	10.2

<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. 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	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>EMPLOYED</b>													
Full-time workers .....	98,071	98,497	98,488	99,208	99,576	99,389	99,781	100,240	100,703	100,913	101,030	101,213	101,099
Men, 16 years and over .....	57,775	57,973	58,271	58,455	58,580	58,696	58,808	59,054	59,175	59,501	59,677	60,032	59,833
Men, 20 years and over .....	56,688	56,901	57,224	57,446	57,476	57,508	57,600	57,864	58,061	58,332	58,524	58,841	58,632
Women, 16 years and over .....	40,357	40,540	40,182	40,681	40,994	40,727	41,035	41,236	41,566	41,425	41,355	41,152	41,281
Women, 20 years and over .....	39,569	39,763	39,442	39,903	40,241	39,920	40,300	40,484	40,822	40,687	40,593	40,409	40,538
Both sexes, 16 to 19 years .....	1,814	1,833	1,822	1,859	1,859	1,961	1,881	1,892	1,820	1,894	1,913	1,963	1,929
Part-time workers .....	23,817	23,495	23,555	23,093	23,167	23,135	22,967	22,957	23,106	23,243	23,495	23,447	23,544
Men, 16 years and over .....	8,147	7,853	7,558	7,526	7,566	7,488	7,396	7,431	7,560	7,617	7,677	7,592	7,604
Men, 20 years and over .....	6,068	5,741	5,565	5,446	5,557	5,494	5,432	5,421	5,542	5,534	5,620	5,579	5,538
Women, 16 years and over .....	15,683	15,697	15,940	15,638	15,594	15,634	15,538	15,532	15,461	15,683	15,830	15,878	15,937
Women, 20 years and over .....	13,488	13,505	13,716	13,397	13,326	13,350	13,241	13,247	13,289	13,421	13,575	13,583	13,566
Both sexes, 16 to 19 years .....	4,261	4,249	4,274	4,250	4,284	4,291	4,294	4,289	4,275	4,288	4,300	4,285	4,440
<b>UNEMPLOYED</b>													
Looking for full-time work .....	7,163	7,029	6,971	6,824	6,438	6,466	6,521	6,378	6,257	6,168	5,987	5,677	5,938
Men, 16 years and over .....	4,152	4,028	3,927	3,910	3,744	3,734	3,776	3,701	3,613	3,562	3,458	3,311	3,270
Men, 20 years and over .....	3,737	3,690	3,568	3,519	3,303	3,298	3,392	3,269	3,150	3,146	3,031	2,933	3,066
Women, 16 years and over .....	3,020	2,955	3,000	2,885	2,756	2,772	2,730	2,718	2,744	2,642	2,591	2,417	2,538
Women, 20 years and over .....	2,769	2,699	2,785	2,578	2,501	2,493	2,456	2,463	2,474	2,391	2,345	2,103	2,290
Both sexes, 16 to 19 years .....	657	640	618	727	634	675	673	646	633	631	611	641	582
Looking for part-time work .....	1,572	1,513	1,594	1,535	1,527	1,446	1,477	1,519	1,411	1,380	1,342	1,478	1,548
Men, 16 years and over .....	665	649	676	630	644	611	621	628	593	590	563	608	649
Men, 20 years and over .....	272	277	310	245	266	269	285	283	254	221	271	273	298
Women, 16 years and over .....	888	862	892	904	868	855	845	909	814	823	828	836	878
Women, 20 years and over .....	575	530	560	563	548	562	541	562	523	499	509	540	553
Both sexes, 16 to 19 years .....	725	706	724	727	713	615	651	674	634	660	562	665	697
<b>UNEMPLOYMENT RATES<sup>1</sup></b>													
Full-time workers .....	6.8	6.7	6.6	6.4	6.1	6.1	6.1	6.0	5.8	5.8	5.6	5.3	5.5
Men, 16 years and over .....	6.7	6.5	6.3	6.3	6.0	6.0	6.0	5.9	5.8	5.6	5.5	5.2	5.2
Men, 20 years and over .....	6.2	6.1	5.9	5.8	5.4	5.4	5.6	5.3	5.1	5.1	4.9	4.7	5.0
Women, 16 years and over .....	7.0	6.8	6.9	6.6	6.3	6.4	6.2	6.2	6.2	6.0	5.9	5.5	5.8
Women, 20 years and over .....	6.5	6.4	6.6	6.1	5.9	5.9	5.7	5.7	5.7	5.6	5.5	4.9	5.3
Both sexes, 16 to 19 years .....	26.6	25.9	25.3	28.1	25.4	25.6	26.4	25.5	25.8	25.0	24.2	24.6	23.2
Part-time workers .....	6.2	6.1	6.3	6.2	6.2	5.9	6.0	6.2	5.8	5.6	5.4	5.9	6.2
Men, 16 years and over .....	7.5	7.6	8.2	7.7	7.8	7.5	7.7	7.8	7.3	7.2	6.8	7.4	7.9
Men, 20 years and over .....	4.3	4.6	5.3	4.3	4.6	4.7	5.0	5.0	4.4	3.8	4.6	4.7	5.1
Women, 16 years and over .....	5.4	5.2	5.3	5.5	5.3	5.2	5.2	5.5	5.0	5.0	5.0	5.0	5.2
Women, 20 years and over .....	4.1	3.8	3.9	4.0	3.9	4.0	3.9	4.1	3.8	3.6	3.6	3.8	3.9
Both sexes, 16 to 19 years .....	14.5	14.2	14.5	14.6	14.3	12.5	13.2	13.6	12.9	13.3	11.6	13.4	13.6

<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-6. Employed persons by marital status, occupation, class of worker, and part-time status, seasonally adjusted**

(In thousands)

Category	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>MARITAL STATUS</b>													
Total .....	121,903	122,208	122,160	122,402	122,703	122,635	122,781	123,197	123,644	124,141	124,403	124,570	124,639
Married men, spouse present .....	41,405	41,332	41,329	41,357	41,330	41,313	41,281	41,487	41,557	41,511	41,530	41,608	41,601
Married women, spouse present .....	31,496	31,514	31,331	31,382	31,372	31,193	31,462	31,593	31,905	31,764	31,775	31,723	31,705
Women who maintain families .....	6,884	7,073	7,274	7,096	7,061	7,008	7,016	6,974	7,029	7,098	7,141	7,074	7,199
<b>OCCUPATION</b>													
Managerial and professional specialty .....	33,023	33,168	33,225	33,477	34,063	33,854	33,893	33,975	34,242	34,275	34,382	34,576	34,423
Technical, sales, and administrative support .....	37,179	37,089	37,083	36,972	36,843	36,985	37,239	37,373	37,635	37,669	37,767	37,797	37,267
Service occupations .....	16,925	17,006	17,015	17,000	16,920	16,964	16,924	16,866	16,749	17,062	16,893	16,704	17,012
Precision production, craft, and repair .....	13,508	13,560	13,561	13,264	13,525	13,375	13,408	13,454	13,452	13,467	13,615	13,677	13,784
Operators, fabricators, and laborers .....	17,646	17,679	17,547	17,817	17,901	17,892	17,839	17,975	18,023	18,122	18,056	18,030	18,212
Farming, forestry, and fishing .....	3,581	3,627	3,619	3,649	3,615	3,474	3,535	3,642	3,632	3,655	3,727	3,839	3,881
<b>CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,661	1,687	1,713	1,695	1,736	1,675	1,669	1,728	1,712	1,764	1,767	1,738	1,866
Self-employed workers .....	1,596	1,632	1,644	1,707	1,637	1,584	1,619	1,654	1,630	1,652	1,677	1,714	1,663
Unpaid family workers .....	71	51	43	45	43	46	50	50	63	43	48	49	35
Nonagricultural industries:													
Wage and salary workers .....	109,406	109,525	109,491	109,828	110,164	110,215	110,345	110,576	111,100	111,686	111,770	111,960	111,987
Private industries .....	91,214	91,330	91,069	91,485	91,786	91,921	92,064	92,351	92,794	93,485	93,413	93,620	93,692
Private households .....	944	1,046	1,000	1,003	978	966	940	881	903	935	999	1,023	1,075
Other industries .....	90,270	90,284	90,069	90,482	90,808	90,955	91,124	91,470	91,891	92,550	92,414	92,597	92,617
Government .....	18,192	18,195	18,422	18,343	18,378	18,294	18,281	18,225	18,306	18,201	18,357	18,340	18,295
Self-employed workers .....	9,050	9,171	9,093	9,010	9,049	8,964	8,962	9,021	8,989	8,878	8,915	8,959	9,039
Unpaid family workers .....	137	140	125	133	129	148	140	131	134	131	120	121	95
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	5,059	4,733	4,951	4,779	4,792	4,766	4,467	4,348	4,333	4,411	4,411	4,422	4,693
Slack work or business conditions .....	2,547	2,333	2,516	2,418	2,503	2,464	2,431	2,396	2,404	2,394	2,394	2,384	2,504
Could only find part-time work .....	2,140	2,042	2,097	2,043	1,981	1,927	1,698	1,618	1,697	1,791	1,736	1,734	1,777
Part time for noneconomic reasons .....	17,629	17,615	17,527	17,417	17,441	17,452	17,922	17,955	17,609	17,644	17,756	17,576	17,940
Nonagricultural industries:													
Part time for economic reasons .....	4,748	4,479	4,706	4,583	4,583	4,510	4,273	4,173	4,154	4,226	4,246	4,254	4,430
Slack work or business conditions .....	2,418	2,201	2,392	2,298	2,386	2,349	2,318	2,272	2,290	2,257	2,282	2,272	2,359
Could only find part-time work .....	2,055	1,984	2,043	2,007	1,942	1,883	1,661	1,583	1,646	1,756	1,689	1,690	1,737
Part time for noneconomic reasons .....	17,005	17,031	16,952	16,620	16,841	16,909	17,308	17,314	16,982	16,992	17,101	16,917	17,307

<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-7. Employed persons by age and sex, seasonally adjusted**

(In thousands)

Age and sex	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over .....	121,903	122,208	122,160	122,402	122,703	122,635	122,781	123,197	123,644	124,141	124,403	124,570	124,639
16 to 24 years .....	18,647	18,858	18,777	18,808	18,924	19,074	18,842	18,951	18,872	19,102	19,053	19,157	19,174
16 to 19 years .....	6,091	6,086	6,107	6,125	6,142	6,264	6,164	6,204	6,083	6,231	6,223	6,252	6,372
16 to 17 years .....	2,422	2,382	2,410	2,438	2,489	2,518	2,514	2,566	2,550	2,636	2,601	2,588	2,533
18 to 19 years .....	3,668	3,691	3,677	3,690	3,665	3,730	3,656	3,657	3,551	3,569	3,612	3,653	3,809
20 to 24 years .....	12,556	12,772	12,670	12,683	12,782	12,810	12,678	12,747	12,789	12,871	12,830	12,905	12,803
25 years and over .....	103,255	103,382	103,392	103,549	103,792	103,511	103,908	104,262	104,814	105,031	105,340	105,434	105,471
25 to 54 years .....	88,263	88,476	88,667	88,695	88,929	88,685	89,041	89,408	89,869	90,029	90,348	90,380	90,331
55 years and over .....	14,966	14,826	14,721	14,741	14,923	14,822	14,808	14,912	14,956	15,020	15,111	15,083	15,109
Men, 16 years and over .....	65,846	65,887	65,981	66,058	66,197	66,255	66,226	66,458	66,682	67,059	67,244	67,483	67,386
16 to 24 years .....	9,690	9,886	9,791	9,820	9,905	9,975	9,857	9,955	9,985	10,110	10,052	10,115	10,024
16 to 19 years .....	3,101	3,120	3,104	3,099	3,117	3,212	3,150	3,187	3,165	3,239	3,193	3,202	3,254
16 to 17 years .....	1,219	1,210	1,212	1,246	1,259	1,270	1,294	1,301	1,335	1,390	1,369	1,350	1,283
18 to 19 years .....	1,885	1,904	1,878	1,858	1,861	1,923	1,867	1,903	1,837	1,834	1,821	1,845	1,946
20 to 24 years .....	6,589	6,766	6,687	6,721	6,788	6,763	6,707	6,768	6,820	6,871	6,859	6,913	6,771
25 years and over .....	56,111	56,074	56,177	56,209	56,291	56,270	56,348	56,526	56,691	56,969	57,187	57,388	57,339
25 to 54 years .....	47,874	47,912	48,101	48,052	48,153	48,105	48,108	48,268	48,468	48,647	48,857	48,945	48,926
55 years and over .....	8,274	8,112	8,105	8,106	8,142	8,152	8,162	8,249	8,278	8,332	8,402	8,435	8,429
Women, 16 years and over .....	56,057	56,321	56,179	56,344	56,506	56,380	56,555	56,739	56,962	57,082	57,159	57,087	57,252
16 to 24 years .....	8,957	8,972	8,986	8,988	9,019	9,099	8,985	8,996	8,887	8,992	9,001	9,042	9,150
16 to 19 years .....	2,990	2,966	3,003	3,026	3,025	3,052	3,014	3,017	2,918	2,992	3,030	3,050	3,118
16 to 17 years .....	1,203	1,172	1,198	1,192	1,230	1,248	1,220	1,265	1,215	1,246	1,232	1,238	1,250
18 to 19 years .....	1,783	1,787	1,799	1,832	1,804	1,807	1,789	1,754	1,714	1,735	1,791	1,808	1,863
20 to 24 years .....	5,967	6,006	5,983	5,962	5,994	6,047	5,971	5,979	5,969	6,000	5,971	5,992	6,032
25 years and over .....	47,144	47,308	47,215	47,340	47,501	47,241	47,560	47,736	48,123	48,062	48,153	48,046	48,131
25 to 54 years .....	40,389	40,564	40,566	40,643	40,776	40,580	40,933	41,140	41,401	41,382	41,491	41,435	41,405
55 years and over .....	6,692	6,714	6,616	6,635	6,781	6,670	6,646	6,663	6,678	6,688	6,709	6,648	6,680

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

(In thousands)

Age and sex	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over .....	8,740	8,576	8,546	8,385	7,996	7,903	7,993	7,889	7,647	7,505	7,315	7,155	7,498
16 to 24 years .....	2,899	2,795	2,823	2,864	2,718	2,640	2,696	2,720	2,598	2,564	2,450	2,513	2,464
16 to 19 years .....	1,379	1,353	1,340	1,455	1,360	1,288	1,327	1,318	1,268	1,287	1,166	1,298	1,274
16 to 17 years .....	655	657	602	751	639	633	642	636	592	572	539	573	633
18 to 19 years .....	707	687	718	730	716	681	679	678	674	721	624	728	629
20 to 24 years .....	1,520	1,442	1,483	1,409	1,358	1,352	1,369	1,402	1,330	1,277	1,284	1,215	1,190
25 years and over .....	5,786	5,725	5,669	5,488	5,272	5,261	5,278	5,197	5,084	4,992	4,926	4,717	4,971
25 to 54 years .....	5,083	5,062	4,974	4,848	4,624	4,598	4,629	4,538	4,528	4,435	4,297	4,130	4,365
55 years and over .....	700	675	702	655	647	619	646	646	583	610	615	539	606
Men, 16 years and over .....	4,863	4,752	4,626	4,567	4,348	4,266	4,429	4,283	4,109	4,074	3,924	3,896	4,090
16 to 24 years .....	1,656	1,574	1,579	1,574	1,540	1,450	1,529	1,529	1,437	1,431	1,346	1,411	1,366
16 to 19 years .....	808	766	755	785	776	707	758	737	717	717	630	727	684
16 to 17 years .....	377	353	351	413	364	350	342	340	322	309	271	313	338
18 to 19 years .....	412	398	397	408	408	383	409	392	390	406	361	411	329
20 to 24 years .....	848	808	824	789	764	743	771	792	720	714	716	684	682
25 years and over .....	3,151	3,140	3,016	2,969	2,797	2,810	2,880	2,782	2,696	2,682	2,626	2,551	2,672
25 to 54 years .....	2,779	2,763	2,654	2,581	2,414	2,424	2,488	2,408	2,359	2,343	2,249	2,217	2,352
55 years and over .....	404	404	387	382	375	355	389	363	336	352	349	306	347
Women, 16 years and over .....	3,877	3,824	3,920	3,818	3,648	3,637	3,564	3,606	3,538	3,431	3,391	3,259	3,408
16 to 24 years .....	1,243	1,221	1,244	1,290	1,178	1,190	1,167	1,191	1,161	1,133	1,104	1,102	1,098
16 to 19 years .....	571	587	585	670	584	581	569	581	551	570	536	571	591
16 to 17 years .....	278	304	251	338	275	283	300	296	270	263	268	260	294
18 to 19 years .....	295	289	321	322	308	298	270	286	284	315	263	317	300
20 to 24 years .....	672	634	659	620	594	609	598	610	610	563	568	531	508
25 years and over .....	2,635	2,585	2,653	2,519	2,475	2,451	2,398	2,415	2,388	2,310	2,300	2,166	2,299
25 to 54 years .....	2,304	2,299	2,320	2,267	2,210	2,174	2,141	2,130	2,169	2,092	2,048	1,913	2,014
55 years and over .....	296	271	315	273	272	264	257	283	247	258	266	233	259



A-9. Unemployment rates by age and sex, seasonally adjusted

Age and sex	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
Total, 16 years and over .....	6.7	6.6	6.5	6.4	6.1	6.1	6.1	6.0	5.8	5.7	5.6	5.4	5.7
16 to 24 years .....	13.5	12.9	13.1	13.2	12.6	12.2	12.5	12.6	12.1	11.8	11.4	11.6	11.4
16 to 19 years .....	18.5	18.2	18.0	19.2	18.1	17.1	17.7	17.5	17.2	17.1	15.8	17.2	16.7
16 to 17 years .....	21.3	21.6	20.0	23.5	20.4	20.1	20.3	19.9	18.8	17.8	17.2	18.1	20.0
18 to 19 years .....	16.2	15.7	16.3	16.5	16.3	15.4	15.7	15.6	16.0	16.8	14.7	16.6	14.2
20 to 24 years .....	10.8	10.1	10.5	10.0	9.6	9.5	9.7	9.9	9.4	9.0	9.1	8.6	8.5
25 years and over .....	5.3	5.2	5.2	5.0	4.8	4.8	4.8	4.7	4.6	4.5	4.5	4.3	4.5
25 to 54 years .....	5.4	5.4	5.3	5.2	4.9	4.9	4.9	4.8	4.8	4.7	4.5	4.4	4.6
55 years and over .....	4.5	4.4	4.6	4.3	4.2	4.0	4.2	4.2	3.8	3.9	3.9	3.5	3.9
Men, 16 years and over .....	6.9	6.7	6.6	6.5	6.2	6.0	6.3	6.1	5.8	5.7	5.5	5.5	5.7
16 to 24 years .....	14.6	13.7	13.9	13.8	13.5	12.7	13.4	13.3	12.6	12.4	11.8	12.2	12.0
16 to 19 years .....	20.7	19.7	19.6	20.2	19.9	18.0	19.4	18.8	18.5	18.1	16.5	18.5	17.4
16 to 17 years .....	23.6	22.6	22.5	24.9	22.4	21.6	20.9	20.7	19.4	18.2	16.5	18.8	20.9
18 to 19 years .....	17.9	17.3	17.5	18.0	18.0	16.6	18.0	17.1	17.5	18.1	16.5	18.2	14.5
20 to 24 years .....	11.4	10.7	11.0	10.5	10.1	9.9	10.3	10.5	9.5	9.4	9.5	9.0	9.1
25 years and over .....	5.3	5.3	5.1	5.0	4.7	4.8	4.9	4.7	4.5	4.5	4.4	4.3	4.5
25 to 54 years .....	5.5	5.5	5.2	5.1	4.8	4.8	4.9	4.8	4.6	4.6	4.4	4.3	4.6
55 years and over .....	4.7	4.7	4.6	4.5	4.4	4.2	4.5	4.2	3.9	4.1	4.0	3.5	4.0
Women, 16 years and over .....	6.5	6.4	6.5	6.3	6.1	6.1	5.9	6.0	5.8	5.7	5.6	5.4	5.6
16 to 24 years .....	12.2	12.0	12.2	12.6	11.6	11.6	11.5	11.7	11.6	11.2	10.9	10.9	10.7
16 to 19 years .....	16.0	16.5	16.3	18.1	16.2	16.0	15.9	16.1	15.9	16.0	15.0	15.8	15.9
16 to 17 years .....	18.8	20.6	17.3	22.1	18.3	18.5	19.7	19.0	18.2	17.4	17.9	17.4	19.1
18 to 19 years .....	14.2	13.9	15.1	14.9	14.6	14.2	13.1	14.0	14.2	15.4	12.8	14.9	13.9
20 to 24 years .....	10.1	9.5	9.9	9.4	9.0	9.1	9.1	9.3	9.3	8.6	8.7	8.1	7.8
25 years and over .....	5.3	5.2	5.3	5.1	5.0	4.9	4.8	4.8	4.7	4.6	4.6	4.3	4.6
25 to 54 years .....	5.4	5.4	5.4	5.3	5.1	5.1	5.0	4.9	5.0	4.8	4.7	4.4	4.6
55 years and over .....	4.2	3.9	4.5	4.0	3.9	3.8	3.7	4.1	3.6	3.7	3.8	3.4	3.7

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-10. Unemployment rates by occupation, industry, and selected demographic characteristics, seasonally adjusted**

Category	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>CHARACTERISTIC</b>													
Total .....	6.7	6.6	6.5	6.4	6.1	6.1	6.1	6.0	5.8	5.7	5.6	5.4	5.7
Men, 20 years and over .....	6.1	6.0	5.8	5.7	5.4	5.3	5.5	5.3	5.1	5.0	4.9	4.7	5.0
Women, 20 years and over .....	5.9	5.7	5.9	5.6	5.4	5.4	5.3	5.3	5.2	5.0	5.0	4.7	4.9
Both sexes, 16 to 19 years .....	18.5	18.2	18.0	19.2	18.1	17.1	17.7	17.5	17.2	17.1	15.8	17.2	16.7
White .....	5.8	5.7	5.6	5.6	5.3	5.3	5.3	5.2	5.1	5.0	4.8	4.8	4.9
Black and other .....	11.4	11.3	11.3	10.8	10.6	10.4	10.3	10.6	10.2	10.4	9.8	9.2	9.5
Black .....	13.0	12.7	12.4	11.9	11.7	11.3	11.2	11.3	10.7	11.1	10.5	9.8	10.2
Hispanic origin .....	10.5	10.1	10.1	10.7	9.9	10.2	10.0	10.1	9.9	9.4	8.8	9.2	10.2
Married men, spouse present .....	4.2	4.3	4.1	3.9	3.7	3.6	3.6	3.5	3.4	3.3	3.2	3.2	3.4
Married women, spouse present .....	4.4	4.3	4.4	4.2	4.1	4.2	4.0	4.1	4.0	4.0	3.9	3.7	3.7
Women who maintain families .....	9.3	9.5	9.4	9.1	8.9	8.8	7.9	8.8	8.9	8.9	8.7	8.8	8.9
<b>OCCUPATION<sup>1</sup></b>													
Managerial and professional specialty .....	2.8	2.8	2.7	2.6	2.4	3.0	2.7	2.6	2.5	2.5	2.4	2.3	2.3
Technical, sales, and administrative support .....	5.4	5.4	5.6	5.3	5.2	5.1	4.8	4.9	4.7	4.5	4.6	4.3	4.6
Precision production, craft, and repair .....	7.0	6.9	6.9	6.7	6.5	6.2	5.9	6.1	6.0	5.8	5.6	5.7	5.8
Operators, fabricators, and laborers .....	9.9	9.5	9.1	9.8	8.9	8.6	9.3	8.8	8.4	8.5	8.3	8.2	8.2
Farming, forestry, and fishing .....	8.5	8.7	10.1	8.2	7.7	7.1	9.4	8.6	8.2	8.4	7.5	7.8	7.8
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	7.0	6.8	6.7	6.6	6.4	6.3	6.3	6.1	6.0	5.9	5.9	5.6	5.7
Goods-producing industries .....	7.8	7.6	7.6	7.3	6.9	6.9	6.8	6.5	6.5	6.4	6.3	6.2	6.4
Mining .....	6.0	4.2	6.3	6.6	6.0	6.1	6.0	5.0	5.1	4.7	4.5	3.9	5.1
Construction .....	13.6	13.2	13.0	12.4	11.7	11.7	11.1	10.7	10.7	10.7	10.7	10.9	11.7
Manufacturing .....	6.2	6.1	6.1	5.8	5.6	5.5	5.6	5.3	5.3	5.1	5.1	4.9	4.7
Durable goods .....	5.5	5.5	5.6	5.5	5.3	5.2	5.5	5.3	5.3	4.8	4.3	4.6	4.2
Nondurable goods .....	7.1	6.9	6.7	6.3	5.9	5.9	5.8	5.3	5.4	5.6	6.0	5.4	5.4
Service-producing industries .....	6.7	6.5	6.4	6.3	6.1	6.0	6.1	6.0	5.8	5.7	5.7	5.4	5.4
Transportation and public utilities .....	5.4	5.2	4.9	5.3	4.9	4.9	5.1	4.8	4.5	4.4	4.6	4.2	4.7
Wholesale and retail trade .....	8.1	8.0	7.8	7.6	7.4	7.2	7.5	7.4	7.0	7.2	7.0	6.7	6.6
Finance, insurance, and real estate .....	3.8	3.7	3.1	3.5	3.6	3.7	3.7	3.7	4.3	3.4	3.6	2.9	2.9
Services .....	6.5	6.3	6.3	6.2	6.0	5.9	5.9	5.7	5.5	5.3	5.4	5.2	5.2
Government workers .....	3.8	3.3	3.8	3.6	3.5	3.7	3.4	3.6	3.2	3.2	2.7	3.1	3.2
Agricultural wage and salary workers .....	12.9	12.9	13.5	10.8	8.8	8.6	12.1	11.1	11.1	10.3	10.4	11.1	10.7

<sup>1</sup> Seasonally adjusted data for service occupations are not available because the seasonal components are small relative to the trend-cycle and/or

irregular components and consequently cannot be separated with sufficient precision.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

**A-11. Unemployed persons by reason for unemployment, seasonally adjusted**

(Numbers in thousands)

Reasons for unemployment	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>NUMBER OF UNEMPLOYED</b>													
Job losers and persons who completed temporary jobs .....	4,395	4,163	4,068	3,880	3,640	3,734	3,863	3,706	3,574	3,513	3,495	3,442	3,658
On temporary layoff .....	1,149	1,091	1,011	979	811	931	1,031	1,012	824	848	881	930	1,061
Not on temporary layoff .....	3,246	3,072	3,057	2,901	2,829	2,803	2,832	2,694	2,750	2,665	2,614	2,512	2,598
Job leavers .....	817	852	823	810	796	788	770	786	874	755	710	704	694
Reentrants .....	2,824	2,936	2,989	3,164	2,863	2,785	2,766	2,758	2,620	2,626	2,575	2,525	2,488
New entrants .....	644	636	630	679	611	498	594	621	600	614	578	555	597
<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
Job losers and persons who completed temporary jobs .....	50.6	48.5	47.8	45.5	46.0	47.8	48.3	47.1	46.6	46.8	47.5	47.6	49.2
On temporary layoff .....	13.2	12.7	11.9	11.5	10.3	11.9	12.9	12.9	10.7	11.3	12.0	12.9	14.3
Not on temporary layoff .....	37.4	35.8	35.9	34.0	35.8	35.9	35.4	34.2	35.9	35.5	35.5	34.8	34.9
Job leavers .....	9.4	9.9	9.7	9.5	10.1	10.1	9.6	10.0	11.4	10.1	9.6	9.7	9.3
Reentrants .....	32.5	34.2	35.1	37.1	36.2	35.7	34.6	35.0	34.2	35.0	35.0	34.9	33.4
New entrants .....	7.4	7.4	7.4	8.0	7.7	6.4	7.4	7.9	7.8	8.2	7.9	7.7	8.0
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers and persons who completed temporary jobs .....	3.4	3.2	3.1	3.0	2.8	2.9	3.0	2.8	2.7	2.7	2.7	2.6	2.8
Job leavers .....	.6	.7	.6	.6	.6	.6	.6	.6	.7	.6	.5	.5	.5
Reentrants .....	2.2	2.2	2.3	2.4	2.2	2.1	2.1	2.0	2.0	2.0	2.0	1.9	1.9
New entrants .....	.5	.5	.5	.5	.5	.4	.5	.5	.5	.5	.4	.4	.5

**A-12. Unemployed persons by duration of unemployment, seasonally adjusted**

(Numbers in thousands)

Duration	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>NUMBER OF UNEMPLOYED</b>													
Less than 5 weeks .....	3,319	2,677	2,749	2,772	2,651	2,754	2,768	2,655	2,675	2,434	2,599	2,587	2,937
5 to 14 weeks .....	2,351	2,670	2,574	2,482	2,461	2,452	2,365	2,572	2,294	2,256	2,163	2,149	2,122
15 weeks and over .....	3,046	3,066	3,056	2,972	2,853	2,740	2,823	2,773	2,768	2,934	2,661	2,456	2,386
15 to 26 weeks .....	1,308	1,318	1,264	1,237	1,160	1,193	1,234	1,198	1,213	1,344	1,187	1,088	1,033
27 weeks and over .....	1,738	1,748	1,792	1,735	1,693	1,547	1,589	1,575	1,555	1,590	1,474	1,368	1,353
Average (mean) duration, in weeks .....	18.4	18.8	19.2	19.1	19.4	18.4	19.0	18.9	18.8	19.3	18.2	17.8	16.7
Median duration, in weeks .....	8.5	8.9	9.1	9.2	9.2	9.1	9.2	9.2	9.5	10.1	9.1	8.7	7.9
<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 .....	38.1	31.8	32.8	33.7	33.3	34.7	34.8	33.2	34.6	31.9	35.0	36.0	39.4
5 to 14 weeks .....	27.0	31.7	30.7	30.2	30.9	30.9	29.7	32.1	29.6	29.6	29.1	29.9	28.5
15 weeks and over .....	34.9	36.4	36.5	36.1	35.8	34.5	35.5	34.7	35.8	38.5	35.8	34.1	32.0
15 to 26 weeks .....	15.0	15.7	15.1	15.0	14.6	15.0	15.5	15.0	15.7	17.6	16.0	15.1	13.9
27 weeks and over .....	19.9	20.8	21.4	21.1	21.3	19.5	20.0	19.7	20.1	20.9	19.9	19.0	18.2

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-13. Employment status of the civilian noninstitutional population by age, sex, and race**

(Numbers in thousands)

Age, sex, and race	January 1995									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		Not in labor force
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
<b>TOTAL</b>										
16 years and over .....	197,753	130,698	66.1	122,597	62.0	3,087	119,510	8,101	6.2	67,055
16 to 19 years .....	14,263	6,957	48.8	5,758	40.4	179	5,579	1,199	17.2	7,306
16 to 17 years .....	7,322	2,820	38.5	2,245	30.7	93	2,152	575	20.4	4,503
18 to 19 years .....	6,941	4,138	59.6	3,513	50.6	86	3,426	625	15.1	2,803
20 to 24 years .....	18,141	13,678	75.4	12,353	68.1	226	12,127	1,324	9.7	4,463
25 to 54 years .....	113,389	94,462	83.3	89,554	79.0	1,985	87,569	4,909	5.2	18,926
25 to 34 years .....	41,045	34,220	83.4	31,973	77.9	715	31,258	2,247	6.6	6,825
25 to 29 years .....	19,158	15,916	83.1	14,767	77.1	350	14,417	1,149	7.2	3,242
30 to 34 years .....	21,887	18,304	83.6	17,206	78.6	365	16,841	1,098	6.0	3,583
35 to 44 years .....	41,922	35,481	84.6	33,731	80.5	766	32,965	1,750	4.9	6,441
35 to 39 years .....	21,964	18,521	84.3	17,520	79.8	363	17,157	1,001	5.4	3,442
40 to 44 years .....	19,958	16,959	85.0	16,211	81.2	402	15,808	749	4.4	2,999
45 to 54 years .....	30,421	24,761	81.4	23,850	78.4	504	23,346	911	3.7	5,660
45 to 49 years .....	17,100	14,361	84.0	13,822	80.8	277	13,545	539	3.8	2,739
50 to 54 years .....	13,321	10,400	78.1	10,028	75.3	227	9,801	372	3.6	2,921
55 to 64 years .....	20,675	11,823	57.2	11,329	54.8	371	10,958	494	4.2	8,852
55 to 59 years .....	10,804	7,401	68.5	7,116	65.9	179	6,937	286	3.9	3,403
60 to 64 years .....	9,871	4,421	44.8	4,213	42.7	193	4,021	208	4.7	5,449
65 years and over .....	31,286	3,778	12.1	3,603	11.5	326	3,277	175	4.6	27,507
65 to 69 years .....	9,640	2,103	21.8	2,001	20.8	131	1,871	102	4.8	7,537
70 to 74 years .....	8,607	1,052	12.2	998	11.6	118	880	54	5.1	7,555
75 years and over .....	13,039	623	4.8	604	4.6	77	527	19	3.1	12,416
<b>Men</b>										
16 years and over .....	94,749	70,597	74.5	65,966	69.6	2,294	63,672	4,631	6.6	24,152
16 to 19 years .....	7,221	3,553	49.2	2,880	39.9	148	2,732	673	18.9	3,668
16 to 17 years .....	3,740	1,419	37.9	1,098	29.4	74	1,024	321	22.6	2,321
18 to 19 years .....	3,481	2,134	61.3	1,782	51.2	75	1,707	352	16.5	1,348
20 to 24 years .....	8,954	7,283	81.3	6,472	72.3	179	6,293	811	11.1	1,671
25 to 54 years .....	55,714	51,045	91.6	48,280	86.7	1,444	46,836	2,764	5.4	4,670
25 to 34 years .....	20,221	18,796	93.0	17,560	86.8	536	17,024	1,236	6.6	1,425
25 to 29 years .....	9,430	8,692	92.2	8,061	85.5	261	7,801	631	7.3	737
30 to 34 years .....	10,791	10,103	93.6	9,498	88.0	275	9,223	605	6.0	668
35 to 44 years .....	20,653	19,111	92.5	18,084	87.6	556	17,528	1,027	5.4	1,542
35 to 39 years .....	10,827	10,018	92.5	9,431	87.1	256	9,174	587	5.9	810
40 to 44 years .....	9,826	9,093	92.5	8,653	88.1	300	8,353	440	4.8	733
45 to 54 years .....	14,840	13,138	88.5	12,637	85.2	353	12,284	501	3.8	1,702
45 to 49 years .....	8,375	7,565	90.3	7,288	87.0	202	7,087	277	3.7	810
50 to 54 years .....	6,465	5,573	86.2	5,349	82.7	151	5,198	224	4.0	892
55 to 64 years .....	9,832	6,492	66.0	6,221	63.3	268	5,953	271	4.2	3,340
55 to 59 years .....	5,174	4,049	78.3	3,877	74.9	131	3,746	172	4.2	1,125
60 to 64 years .....	4,657	2,443	52.4	2,344	50.3	137	2,207	99	4.0	2,215
65 years and over .....	13,028	2,225	17.1	2,112	16.2	255	1,857	112	5.1	10,804
65 to 69 years .....	4,358	1,182	27.1	1,120	25.7	106	1,014	62	5.2	3,177
70 to 74 years .....	3,757	661	17.6	624	16.6	95	529	38	5.7	3,096
75 years and over .....	4,912	381	7.8	368	7.5	54	314	13	3.4	4,531
<b>Women</b>										
16 years and over .....	103,004	60,102	58.3	56,631	55.0	793	55,838	3,470	5.8	42,902
16 to 19 years .....	7,043	3,405	48.3	2,878	40.9	31	2,847	527	15.5	3,638
16 to 17 years .....	3,583	1,401	39.1	1,147	32.0	19	1,128	253	18.1	2,182
18 to 19 years .....	3,460	2,004	57.9	1,731	50.0	12	1,719	273	13.6	1,456
20 to 24 years .....	9,186	6,395	69.6	5,881	64.0	47	5,834	514	8.0	2,791
25 to 54 years .....	57,675	43,418	75.3	41,273	71.6	540	40,733	2,144	4.9	14,257
25 to 34 years .....	20,825	15,425	74.1	14,413	69.2	179	14,234	1,011	6.6	5,400
25 to 29 years .....	9,729	7,224	74.3	6,705	68.9	89	6,616	518	7.2	2,505
30 to 34 years .....	11,096	8,201	73.9	7,708	69.5	90	7,618	493	6.0	2,895
35 to 44 years .....	21,269	16,370	77.0	15,647	73.6	210	15,437	723	4.4	4,899
35 to 39 years .....	11,136	8,504	76.4	8,089	72.6	107	7,982	415	4.9	2,632
40 to 44 years .....	10,132	7,866	77.6	7,557	74.6	103	7,455	309	3.9	2,266
45 to 54 years .....	15,581	11,623	74.6	11,213	72.0	151	11,062	410	3.5	3,958
45 to 49 years .....	8,725	6,796	77.9	6,534	74.9	75	6,458	262	3.9	1,929
50 to 54 years .....	6,856	4,827	70.4	4,679	68.2	76	4,603	148	3.1	2,029
55 to 64 years .....	10,843	5,331	49.2	5,108	47.1	103	5,004	223	4.2	5,512
55 to 59 years .....	5,630	3,352	59.5	3,239	57.5	47	3,191	114	3.4	2,278
60 to 64 years .....	5,213	1,979	38.0	1,869	35.9	56	1,813	110	5.5	3,235
65 years and over .....	18,257	1,554	8.5	1,491	8.2	72	1,420	62	4.0	16,704
65 to 69 years .....	5,282	921	17.4	881	16.7	25	856	40	4.3	4,360
70 to 74 years .....	4,849	390	8.0	374	7.7	24	351	16	4.1	4,459
75 years and over .....	8,126	242	3.0	236	2.9	23	213	6	2.6	7,884

A-13. Employment status of the civilian noninstitutional population by age, sex, and race—Continued

(Numbers in thousands)

Age, sex, and race	Civilian noninstitutional population	January 1995								
		Civilian labor force							Unemployed	Not in labor force
		Total	Percent of population	Employed				Number		
Total	Percent of population			Agriculture	Nonagricultural industries					
<b>WHITE</b>										
16 years and over .....	166,361	110,848	66.6	104,718	62.9	2,882	101,836	6,129	5.5	55,514
16 to 19 years .....	11,339	6,026	53.1	5,112	45.1	174	4,938	914	15.2	5,313
16 to 17 years .....	5,770	2,455	42.5	1,990	34.5	93	1,897	465	18.9	3,315
18 to 19 years .....	5,569	3,571	64.1	3,122	56.1	81	3,041	449	12.6	1,998
20 to 24 years .....	14,536	11,285	77.6	10,301	70.9	198	10,103	985	8.7	3,251
25 to 54 years .....	94,494	79,728	84.4	76,074	80.5	1,841	74,233	3,654	4.6	14,766
25 to 34 years .....	33,598	28,408	84.6	26,791	79.7	679	26,112	1,617	5.7	5,190
25 to 29 years .....	15,513	13,112	84.5	12,291	79.2	336	11,954	821	6.3	2,401
30 to 34 years .....	18,084	15,296	84.6	14,500	80.2	342	14,158	796	5.2	2,788
35 to 44 years .....	34,935	29,872	85.5	28,575	81.8	699	27,876	1,297	4.3	5,062
35 to 39 years .....	18,215	15,488	85.0	14,763	81.0	332	14,431	725	4.7	2,727
40 to 44 years .....	16,719	14,384	86.0	13,812	82.6	367	13,445	572	4.0	2,335
45 to 54 years .....	25,962	21,448	82.6	20,708	79.8	463	20,245	740	3.4	4,514
45 to 49 years .....	14,524	12,359	85.1	11,927	82.1	260	11,667	432	3.5	2,165
50 to 54 years .....	11,438	9,089	79.5	8,781	76.8	203	8,578	308	3.4	2,349
55 to 64 years .....	17,948	10,381	57.8	9,947	55.4	360	9,587	434	4.2	7,567
55 to 59 years .....	9,341	6,479	69.4	6,221	66.6	175	6,047	258	4.0	2,862
60 to 64 years .....	8,607	3,902	45.3	3,726	43.3	186	3,540	176	4.5	4,705
65 years and over .....	28,044	3,427	12.2	3,284	11.7	309	2,975	143	4.2	24,617
65 to 69 years .....	8,573	1,926	22.5	1,842	21.5	126	1,716	83	4.3	6,647
70 to 74 years .....	7,680	947	12.3	899	11.7	105	794	48	5.1	6,733
75 years and over .....	11,791	555	4.7	543	4.6	78	465	12	2.1	11,236
<b>Men</b>										
16 years and over .....	80,432	60,609	75.4	57,018	70.9	2,108	54,910	3,591	5.9	19,823
16 to 19 years .....	5,784	3,089	53.4	2,559	44.2	143	2,416	530	17.2	2,695
16 to 17 years .....	2,967	1,238	41.7	978	32.9	74	904	260	21.0	1,729
18 to 19 years .....	2,816	1,851	65.7	1,581	56.1	69	1,512	270	14.6	966
20 to 24 years .....	7,272	6,071	83.5	5,458	75.1	155	5,304	613	10.1	1,201
25 to 54 years .....	46,997	43,660	92.9	41,538	88.4	1,316	40,223	2,122	4.9	3,337
25 to 34 years .....	16,777	15,802	94.2	14,870	88.6	501	14,369	931	5.9	975
25 to 29 years .....	7,740	7,250	93.7	6,774	87.5	248	6,526	476	6.6	490
30 to 34 years .....	9,038	8,552	94.6	8,096	89.6	253	7,843	455	5.3	486
35 to 44 years .....	17,420	16,329	93.7	15,553	89.3	495	15,058	776	4.8	1,091
35 to 39 years .....	9,096	8,520	93.7	8,078	88.8	229	7,849	442	5.2	575
40 to 44 years .....	8,325	7,809	93.8	7,475	89.8	265	7,209	334	4.3	516
45 to 54 years .....	12,800	11,530	90.1	11,115	86.8	320	10,795	415	3.6	1,270
45 to 49 years .....	7,189	6,596	91.8	6,371	88.6	187	6,183	226	3.4	592
50 to 54 years .....	5,611	4,933	87.9	4,745	84.6	132	4,612	189	3.8	678
55 to 64 years .....	8,630	5,771	66.9	5,531	64.1	257	5,274	240	4.2	2,859
55 to 59 years .....	4,530	3,583	79.1	3,428	75.7	127	3,301	155	4.3	948
60 to 64 years .....	4,100	2,188	53.4	2,103	51.3	130	1,973	85	3.9	1,912
65 years and over .....	11,749	2,017	17.2	1,932	16.4	238	1,694	85	4.2	9,731
65 to 69 years .....	3,921	1,079	27.5	1,034	26.4	102	932	45	4.2	2,842
70 to 74 years .....	3,372	595	17.6	560	16.6	81	479	35	5.9	2,777
75 years and over .....	4,456	344	7.7	338	7.6	55	283	5	1.6	4,113
<b>Women</b>										
16 years and over .....	85,929	50,239	58.5	47,700	55.5	774	46,926	2,539	5.1	35,690
16 to 19 years .....	5,555	2,937	52.9	2,553	46.0	31	2,523	384	13.1	2,618
16 to 17 years .....	2,802	1,217	43.4	1,012	36.1	19	993	204	16.8	1,585
18 to 19 years .....	2,752	1,720	62.5	1,541	56.0	12	1,529	179	10.4	1,032
20 to 24 years .....	7,264	5,214	71.8	4,842	66.7	43	4,799	372	7.1	2,050
25 to 54 years .....	47,498	36,068	75.9	34,536	72.7	526	34,011	1,532	4.2	11,430
25 to 34 years .....	16,820	12,606	74.9	11,921	70.9	177	11,744	685	5.4	4,214
25 to 29 years .....	7,774	5,862	75.4	5,517	71.0	88	5,429	345	5.9	1,912
30 to 34 years .....	9,047	6,744	74.5	6,404	70.8	89	6,315	340	5.0	2,302
35 to 44 years .....	17,514	13,543	77.3	13,022	74.4	204	12,818	521	3.8	3,971
35 to 39 years .....	9,120	6,968	76.4	6,685	73.3	103	6,582	283	4.1	2,152
40 to 44 years .....	8,395	6,576	78.3	6,338	75.5	102	6,236	238	3.6	1,819
45 to 54 years .....	13,163	9,918	75.4	9,593	72.9	144	9,450	325	3.3	3,244
45 to 49 years .....	7,335	5,763	78.6	5,557	75.8	73	5,484	206	3.6	1,573
50 to 54 years .....	5,827	4,156	71.3	4,037	69.3	71	3,966	119	2.9	1,672
55 to 64 years .....	9,318	4,610	49.5	4,416	47.4	103	4,313	194	4.2	4,708
55 to 59 years .....	4,811	2,897	60.2	2,793	58.1	47	2,746	104	3.6	1,914
60 to 64 years .....	4,507	1,713	38.0	1,623	36.0	56	1,567	90	5.3	2,794
65 years and over .....	16,295	1,410	8.7	1,352	8.3	71	1,281	58	4.1	14,885
65 to 69 years .....	4,652	847	18.2	808	17.4	25	784	39	4.5	3,805
70 to 74 years .....	4,308	352	8.2	339	7.9	24	315	13	3.8	3,957
75 years and over .....	7,335	211	2.9	205	2.8	23	182	6	3.0	7,124

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-13. Employment status of the civilian noninstitutional population by age, sex, and race—Continued**

(Numbers in thousands)

Age, sex, and race	Civilian noninstitutional population	January 1995								Not in labor force
		Civilian labor force						Unemployed		
		Total	Percent of population	Employed		Number	Percent of labor force			
Total	Percent of population			Agri-culture	Nonagri-cultural industries					
<b>BLACK</b>										
16 years and over .....	23,089	14,420	62.5	12,893	55.8	96	12,797	1,527	10.6	8,669
16 to 19 years .....	2,238	683	30.5	458	20.5	-	458	226	33.0	1,555
16 to 17 years .....	1,193	257	21.6	178	14.9	-	178	80	30.9	936
18 to 19 years .....	1,045	426	40.8	280	26.8	-	280	146	34.3	619
20 to 24 years .....	2,579	1,733	67.2	1,452	56.3	3	1,449	281	16.2	846
25 to 54 years .....	13,653	10,658	78.1	9,700	71.0	71	9,629	958	9.0	2,995
25 to 34 years .....	5,369	4,228	78.7	3,732	69.5	22	3,710	496	11.7	1,141
25 to 29 years .....	2,567	2,023	78.8	1,758	68.5	8	1,750	264	13.1	545
30 to 34 years .....	2,802	2,205	78.7	1,973	70.4	14	1,960	232	10.5	597
35 to 44 years .....	5,121	4,128	80.6	3,787	74.0	32	3,755	341	8.3	993
35 to 39 years .....	2,749	2,258	82.2	2,048	74.5	17	2,030	211	9.3	491
40 to 44 years .....	2,372	1,870	78.8	1,739	73.3	14	1,725	130	7.0	502
45 to 54 years .....	3,163	2,302	72.8	2,181	69.0	17	2,164	121	5.3	861
45 to 49 years .....	1,826	1,411	77.3	1,335	73.1	9	1,326	76	5.4	414
50 to 54 years .....	1,337	890	66.6	845	63.2	8	838	45	5.0	447
55 to 64 years .....	2,065	1,064	51.6	1,025	49.7	10	1,015	39	3.7	1,000
55 to 59 years .....	1,101	681	61.8	664	60.3	3	660	17	2.5	420
60 to 64 years .....	964	384	39.8	362	37.5	7	355	22	5.7	590
65 years and over .....	2,554	282	11.0	258	10.1	13	245	23	8.3	2,273
65 to 69 years .....	824	144	17.4	126	15.3	-	126	17	12.1	681
70 to 74 years .....	717	91	12.7	88	12.3	13	76	3	2.9	626
75 years and over .....	1,013	47	4.6	44	4.3	-	44	3	( <sup>1</sup> )	966
<b>Men</b>										
16 years and over .....	10,336	7,020	67.9	6,229	60.3	88	6,141	791	11.3	3,316
16 to 19 years .....	1,098	340	31.0	230	20.9	-	230	110	32.5	758
16 to 17 years .....	589	127	21.6	87	14.9	-	88	40	31.2	462
18 to 19 years .....	510	213	41.8	142	27.9	-	142	71	33.2	297
20 to 24 years .....	1,174	860	73.3	696	59.3	2	694	164	19.0	314
25 to 54 years .....	6,170	5,137	83.3	4,661	75.5	64	4,597	476	9.3	1,033
25 to 34 years .....	2,408	2,087	86.7	1,860	77.2	21	1,839	227	10.9	321
25 to 29 years .....	1,146	988	86.2	865	75.5	7	858	122	12.4	159
30 to 34 years .....	1,262	1,099	87.1	994	78.8	14	980	105	9.6	162
35 to 44 years .....	2,337	1,982	84.8	1,795	76.8	28	1,767	188	9.5	354
35 to 39 years .....	1,258	1,077	85.6	968	77.0	14	954	109	10.1	181
40 to 44 years .....	1,079	905	83.9	825	76.6	14	812	79	8.7	174
45 to 54 years .....	1,426	1,068	74.9	1,007	70.6	15	991	61	5.7	358
45 to 49 years .....	829	654	78.8	618	74.5	7	610	36	5.5	175
50 to 54 years .....	597	414	69.4	389	65.2	28	381	25	6.0	183
55 to 64 years .....	894	519	58.0	497	55.5	10	487	22	4.3	376
55 to 59 years .....	481	339	70.5	328	68.1	3	325	11	3.3	142
60 to 64 years .....	413	180	43.5	169	40.9	7	162	11	6.0	234
65 years and over .....	999	164	16.4	145	14.5	13	132	19	11.5	835
65 to 69 years .....	338	81	23.9	65	19.3	-	65	16	19.5	257
70 to 74 years .....	309	61	19.6	61	19.6	13	48	-	( <sup>1</sup> )	249
75 years and over .....	351	23	6.4	19	5.5	-	19	3	( <sup>1</sup> )	329
<b>Women</b>										
16 years and over .....	12,753	7,400	58.0	6,664	52.3	8	6,656	735	9.9	5,353
16 to 19 years .....	1,139	343	30.1	228	20.0	-	228	115	33.6	796
16 to 17 years .....	604	130	21.5	90	14.9	-	90	40	30.7	474
18 to 19 years .....	535	213	39.8	138	25.8	-	138	75	35.3	322
20 to 24 years .....	1,405	873	62.1	756	53.8	-	755	117	13.4	532
25 to 54 years .....	7,483	5,521	73.8	5,039	67.3	7	5,032	482	8.7	1,962
25 to 34 years .....	2,961	2,141	72.3	1,872	63.2	1	1,871	269	12.5	820
25 to 29 years .....	1,421	1,035	72.8	893	62.8	1	892	142	13.7	386
30 to 34 years .....	1,540	1,106	71.8	979	63.6	-	979	127	11.4	434
35 to 44 years .....	2,785	2,146	77.1	1,993	71.6	4	1,989	153	7.1	639
35 to 39 years .....	1,491	1,181	79.2	1,080	72.4	4	1,076	102	8.6	310
40 to 44 years .....	1,294	965	74.6	913	70.6	1	913	52	5.4	329
45 to 54 years .....	1,737	1,234	71.0	1,174	67.6	2	1,172	60	4.9	503
45 to 49 years .....	997	758	76.0	718	72.0	2	716	40	5.3	239
50 to 54 years .....	740	476	64.3	456	61.7	-	456	20	4.2	264
55 to 64 years .....	1,170	546	46.6	529	45.2	-	528	17	3.1	625
55 to 59 years .....	619	341	55.1	336	54.2	-	336	6	1.6	278
60 to 64 years .....	551	204	37.1	193	35.0	-	193	11	5.5	347
65 years and over .....	1,556	118	7.6	113	7.3	-	113	5	3.8	1,438
65 to 69 years .....	486	63	12.9	61	12.5	-	61	2	( <sup>1</sup> )	423
70 to 74 years .....	408	31	7.5	28	6.8	-	28	3	( <sup>1</sup> )	377
75 years and over .....	662	24	3.7	24	3.7	-	24	-	( <sup>1</sup> )	638

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

**A-14. 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	
	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995
<b>TOTAL</b>								
Civilian noninstitutional population .....	195,953	197,753	86,778	87,528	95,109	95,961	14,066	14,263
Civilian labor force .....	129,393	130,698	66,412	67,044	56,177	56,697	6,804	6,957
Percent of population .....	66.0	66.1	76.5	76.6	59.1	59.1	48.4	48.8
Employed .....	119,901	122,597	61,678	63,086	52,715	53,753	5,507	5,758
Agriculture .....	2,892	3,087	2,096	2,146	654	762	142	179
Nonagricultural industries .....	117,009	119,510	59,583	60,940	52,061	52,991	5,365	5,579
Unemployed .....	9,492	8,101	4,733	3,958	3,462	2,944	1,297	1,199
Unemployment rate .....	7.3	6.2	7.1	5.9	6.2	5.2	19.1	17.2
Not in labor force .....	66,561	67,055	20,366	20,484	38,933	39,264	7,262	7,306
<b>White</b>								
Civilian noninstitutional population .....	165,014	166,361	74,062	74,648	79,769	80,374	11,183	11,339
Civilian labor force .....	109,750	110,848	57,059	57,520	46,928	47,302	5,763	6,026
Percent of population .....	66.5	66.6	77.0	77.1	58.8	58.9	51.5	53.1
Employed .....	102,628	104,718	53,458	54,460	44,408	45,147	4,762	5,112
Agriculture .....	2,715	2,882	1,944	1,965	629	743	141	174
Nonagricultural industries .....	99,914	101,836	51,514	52,495	43,779	44,403	4,621	4,938
Unemployed .....	7,122	6,129	3,602	3,060	2,520	2,155	1,000	914
Unemployment rate .....	6.5	5.5	6.3	5.3	5.4	4.6	17.4	15.2
Not in labor force .....	55,264	55,514	17,003	17,128	32,841	33,073	5,420	5,313
<b>Black</b>								
Civilian noninstitutional population .....	22,723	23,089	9,105	9,238	11,424	11,613	2,194	2,238
Civilian labor force .....	14,197	14,420	6,501	6,680	6,896	7,057	800	683
Percent of population .....	62.5	62.5	71.4	72.3	60.4	60.8	36.4	30.5
Employed .....	12,274	12,893	5,621	5,999	6,097	6,436	556	458
Agriculture .....	103	96	89	89	14	8	-	-
Nonagricultural industries .....	12,171	12,797	5,532	5,910	6,083	6,428	556	458
Unemployed .....	1,923	1,527	880	681	800	620	243	226
Unemployment rate .....	13.5	10.6	13.5	10.2	11.6	8.8	30.4	33.0
Not in labor force .....	8,526	8,669	2,604	2,558	4,528	4,557	1,395	1,555

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-15. 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	January 1995									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	
<b>TOTAL ENROLLED</b>										
Total, 16 to 24 years .....	16,732	8,054	48.1	7,065	1,289	5,777	989	173	816	12.3
16 to 19 years .....	11,252	4,807	42.7	4,048	339	3,709	759	92	667	15.8
20 to 24 years .....	5,480	3,247	59.3	3,017	950	2,067	230	80	150	7.1
High school .....	8,695	3,380	38.9	2,774	126	2,648	607	73	534	17.9
College .....	8,037	4,674	58.2	4,292	1,163	3,128	383	100	283	8.2
Full-time students .....	6,755	3,560	52.7	3,253	523	2,730	307	61	246	8.6
Part-time students .....	1,282	1,114	86.9	1,039	641	398	75	39	37	6.8
Men, 16 to 24 years .....	8,347	3,899	46.7	3,332	669	2,663	567	107	461	14.5
16 to 19 years .....	5,694	2,319	40.7	1,893	184	1,709	426	52	374	18.4
20 to 24 years .....	2,653	1,580	59.6	1,439	485	953	142	54	87	9.0
High school .....	4,559	1,738	38.1	1,379	75	1,304	359	46	314	20.7
College .....	3,788	2,161	57.1	1,953	594	1,359	208	61	147	9.6
Full-time students .....	3,213	1,637	51.0	1,476	271	1,205	161	38	123	9.9
Part-time students .....	576	524	91.1	477	323	154	47	23	24	9.0
Women, 16 to 24 years .....	8,386	4,155	49.6	3,733	619	3,114	422	66	356	10.1
16 to 19 years .....	5,559	2,488	44.8	2,155	155	2,000	333	40	293	13.4
20 to 24 years .....	2,827	1,667	59.0	1,579	465	1,114	88	26	63	5.3
High school .....	4,137	1,642	39.7	1,395	50	1,345	247	27	220	15.1
College .....	4,249	2,513	59.1	2,339	569	1,769	174	39	136	6.9
Full-time students .....	3,542	1,923	54.3	1,777	251	1,526	146	23	123	7.6
Part-time students .....	706	590	83.5	561	318	244	28	15	13	4.8
<b>White</b>										
Total, 16 to 24 years .....	13,282	6,933	52.2	6,157	1,094	5,063	776	114	662	11.2
16 to 19 years .....	8,888	4,193	47.2	3,587	301	3,286	606	66	539	14.4
20 to 24 years .....	4,394	2,740	62.4	2,570	793	1,777	171	48	123	6.2
Men .....	6,712	3,385	50.4	2,929	592	2,337	456	79	377	13.5
Women .....	6,570	3,548	54.0	3,228	502	2,726	320	35	285	9.0
High school .....	6,734	2,920	43.4	2,429	97	2,332	491	49	441	16.8
College .....	6,547	4,013	61.3	3,728	996	2,731	285	64	221	7.1
Full-time students .....	5,530	3,120	56.4	2,880	462	2,419	240	43	197	7.7
Part-time students .....	1,017	893	87.7	847	535	312	46	21	24	5.1
<b>Black</b>										
Total, 16 to 24 years .....	2,460	748	30.4	596	140	456	152	40	112	20.3
16 to 19 years .....	1,808	449	24.8	331	27	304	118	24	95	26.4
20 to 24 years .....	652	299	45.9	266	114	152	33	17	17	11.2
Men .....	1,111	318	28.6	247	45	202	71	15	56	22.3
Women .....	1,349	430	31.9	349	95	254	81	25	56	18.8
High school .....	1,533	335	21.8	249	14	235	86	16	70	25.7
College .....	927	413	44.6	347	127	221	66	24	42	15.9
Full-time students .....	732	245	33.4	205	46	160	40	10	30	16.2
Part-time students .....	195	168	86.4	142	81	61	26	14	12	15.5
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	1,723	674	39.1	524	117	407	150	28	122	22.2
16 to 19 years .....	1,275	418	32.8	287	28	259	131	24	107	31.3
20 to 24 years .....	449	256	57.1	237	89	148	19	4	15	7.5
Men .....	891	331	37.2	250	63	187	82	17	65	24.6
Women .....	832	343	41.2	274	54	221	68	11	57	19.9
High school .....	1,090	295	27.0	186	6	180	108	16	93	36.8
College .....	633	379	59.9	338	111	227	42	12	29	10.9
Full-time students .....	458	238	51.9	201	28	173	37	12	25	15.4
Part-time students .....	175	142	81.0	137	83	54	5	-	5	3.4

See footnotes at end of table.



**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-15. 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	January 1995									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed			Unemployed			Percent of labor force
				Total	Full time	Part time	Total	Looking for full-time work	Looking for part-time work	
<b>TOTAL NOT ENROLLED</b>										
Total, 16 to 24 years .....	15,671	12,581	80.3	11,046	9,034	2,011	1,535	1,375	160	12.2
16 to 19 years .....	3,011	2,150	71.4	1,710	1,126	584	440	368	72	20.5
20 to 24 years .....	12,660	10,430	82.4	9,336	7,909	1,427	1,095	1,007	88	10.5
Less than a high school diploma .....	3,934	2,496	63.5	1,941	1,437	504	555	484	71	22.2
High school graduates, no college .....	6,581	5,409	82.2	4,742	3,894	848	667	616	52	12.3
Less than a bachelor's degree .....	3,664	3,266	89.1	3,034	2,498	537	232	206	26	7.1
College graduates .....	1,492	1,409	94.4	1,328	1,205	122	81	70	11	5.7
<b>Men, 16 to 24 years .....</b>	<b>7,828</b>	<b>6,936</b>	<b>88.6</b>	<b>6,020</b>	<b>5,268</b>	<b>752</b>	<b>916</b>	<b>854</b>	<b>62</b>	<b>13.2</b>
16 to 19 years .....	1,527	1,233	80.8	986	732	254	247	219	28	20.0
20 to 24 years .....	6,301	5,703	90.5	5,034	4,536	498	669	635	34	11.7
Less than a high school diploma .....	2,103	1,671	79.5	1,318	1,071	247	353	323	30	21.1
High school graduates, no college .....	3,388	3,085	91.1	2,680	2,392	287	406	387	18	13.2
Less than a bachelor's degree .....	1,684	1,559	92.6	1,447	1,276	171	113	106	7	7.2
College graduates .....	653	620	95.0	576	529	47	44	38	7	7.1
<b>Women, 16 to 24 years .....</b>	<b>7,843</b>	<b>5,644</b>	<b>72.0</b>	<b>5,026</b>	<b>3,766</b>	<b>1,259</b>	<b>619</b>	<b>521</b>	<b>98</b>	<b>11.0</b>
16 to 19 years .....	1,484	917	61.8	723	393	330	193	149	44	21.1
20 to 24 years .....	6,360	4,728	74.3	4,302	3,373	929	426	372	54	9.0
Less than a high school diploma .....	1,830	825	45.1	624	366	257	201	161	41	24.4
High school graduates, no college .....	3,193	2,324	72.8	2,062	1,502	561	262	228	33	11.3
Less than a bachelor's degree .....	1,980	1,707	86.2	1,588	1,222	366	119	100	19	7.0
College graduates .....	839	788	93.9	752	677	75	37	32	5	4.6
<b>White</b>										
Total, 16 to 24 years .....	12,593	10,379	82.4	9,256	7,605	1,651	1,122	1,003	120	10.8
16 to 19 years .....	2,451	1,833	74.8	1,525	1,020	506	308	263	46	16.8
20 to 24 years .....	10,142	8,545	84.3	7,731	6,585	1,146	814	740	74	9.5
Men .....	6,344	5,776	91.0	5,088	4,487	602	688	637	51	11.9
Women .....	6,249	4,603	73.7	4,168	3,118	1,050	435	366	69	9.4
Less than a high school diploma .....	3,019	2,008	66.5	1,584	1,186	397	424	369	55	21.1
High school graduates, no college .....	5,304	4,458	84.0	4,004	3,311	692	454	419	35	10.2
Less than a bachelor's degree .....	2,957	2,657	89.9	2,486	2,036	451	171	152	18	6.4
College graduates .....	1,313	1,257	95.7	1,182	1,072	111	74	63	11	5.9
<b>Black</b>										
Total, 16 to 24 years .....	2,357	1,668	70.8	1,314	1,048	266	355	329	26	21.3
16 to 19 years .....	430	234	54.6	127	73	54	107	94	14	45.7
20 to 24 years .....	1,927	1,434	74.4	1,186	975	211	247	235	12	17.3
Men .....	1,162	882	76.0	679	559	120	203	193	10	23.0
Women .....	1,195	786	65.7	634	489	146	151	135	16	19.3
Less than a high school diploma .....	660	332	50.4	226	156	70	106	102	5	31.9
High school graduates, no college .....	1,055	778	73.7	585	463	121	193	176	17	24.8
Less than a bachelor's degree .....	537	464	86.3	409	339	70	55	50	4	11.8
College graduates .....	105	94	89.9	93	89	4	1	1	-	8
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	2,623	1,890	72.1	1,585	1,275	310	305	253	52	16.2
16 to 19 years .....	572	364	63.6	273	182	90	91	60	31	25.1
20 to 24 years .....	2,051	1,526	74.4	1,312	1,093	220	214	193	21	14.0
Men .....	1,373	1,202	87.6	1,012	886	126	191	168	23	15.9
Women .....	1,250	688	55.0	573	389	184	115	85	29	16.7
Less than a high school diploma .....	1,339	860	64.3	691	532	159	170	135	35	19.7
High school graduates, no college .....	839	633	75.4	544	448	96	89	80	10	14.1
Less than a bachelor's degree .....	389	346	89.0	310	257	53	36	32	4	10.5
College graduates .....	55	51	( <sup>1</sup> )	41	39	2	10	6	4	( <sup>1</sup> )

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

NOTE: In the summer months, the educational attainment levels of youth not enrolled in school are increased by the temporary movement of high school and college students into that group. Detail for the above race and Hispanic-origin

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-16. Employed and unemployed full- and part-time workers by age, sex, and race**

(In thousands)

Age, sex, and race	January 1995									
	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 .....	99,056	86,981	8,981	3,094	23,541	3,300	18,804	1,438	6,400	1,701
16 to 19 years .....	1,464	1,212	204	48	4,294	328	3,794	171	460	739
16 to 17 years .....	133	103	23	7	2,112	46	1,987	79	89	485
18 to 19 years .....	1,331	1,108	182	41	2,181	282	1,807	92	371	254
20 years and over .....	97,591	85,769	8,776	3,046	19,248	2,972	15,009	1,267	5,940	962
20 to 24 years .....	8,859	7,704	928	228	3,494	634	2,662	198	1,087	237
25 years and over .....	88,733	78,065	7,849	2,818	15,753	2,337	12,348	1,069	4,853	724
25 to 54 years .....	78,109	68,928	6,851	2,331	11,444	2,028	8,703	713	4,385	524
55 years and over .....	10,623	9,138	998	487	4,309	309	3,645	356	468	201
<b>Men, 16 years and over</b> .....	58,376	51,834	4,810	1,732	7,590	1,405	5,704	482	3,873	757
16 to 19 years .....	916	761	129	27	1,963	146	1,733	85	271	402
20 years and over .....	57,459	51,073	4,682	1,705	5,627	1,259	3,971	397	3,602	356
20 to 24 years .....	5,021	4,358	545	118	1,451	275	1,104	72	689	121
25 years and over .....	52,438	46,715	4,137	1,587	4,176	984	2,867	325	2,913	234
25 to 54 years .....	45,902	41,066	3,570	1,266	2,379	844	1,371	164	2,621	143
55 years and over .....	6,536	5,649	567	320	1,797	140	1,496	161	292	92
<b>Women, 16 years and over</b> .....	40,680	35,147	4,171	1,363	15,951	1,895	13,099	957	2,527	944
16 to 19 years .....	548	451	76	21	2,330	182	2,061	86	189	338
20 years and over .....	40,132	34,696	4,095	1,341	13,621	1,713	11,038	870	2,338	606
20 to 24 years .....	3,838	3,346	383	109	2,043	359	1,557	126	398	116
25 years and over .....	36,294	31,350	3,712	1,232	11,578	1,353	9,481	744	1,940	490
25 to 54 years .....	32,208	27,862	3,281	1,065	9,066	1,184	7,332	550	1,764	381
55 years and over .....	4,087	3,488	431	167	2,512	169	2,149	194	176	109
<b>White</b>										
<b>Men, 16 years and over</b> .....	50,458	44,909	4,053	1,497	6,560	1,122	5,015	423	2,975	615
16 to 19 years .....	825	682	117	25	1,734	127	1,532	75	201	329
20 years and over .....	49,633	44,226	3,935	1,472	4,826	994	3,484	348	2,774	287
20 to 24 years .....	4,254	3,702	442	109	1,205	195	942	67	514	99
25 years and over .....	45,380	40,525	3,493	1,362	3,621	799	2,541	280	2,260	188
25 to 54 years .....	39,561	35,511	2,984	1,066	1,977	682	1,157	139	2,009	113
55 years and over .....	5,819	5,013	509	296	1,644	118	1,385	141	250	75
<b>Women, 16 years and over</b> .....	33,637	29,014	3,506	1,117	14,063	1,474	11,738	851	1,753	786
16 to 19 years .....	495	413	62	21	2,058	150	1,831	78	127	256
20 years and over .....	33,142	28,601	3,444	1,097	12,005	1,325	9,907	773	1,626	530
20 to 24 years .....	3,125	2,730	311	84	1,717	292	1,327	98	274	98
25 years and over .....	30,017	25,871	3,133	1,012	10,287	1,032	8,580	675	1,352	432
25 to 54 years .....	26,502	22,889	2,751	862	8,035	902	6,635	498	1,206	325
55 years and over .....	3,515	2,982	383	151	2,253	131	1,945	177	145	107
<b>Black</b>										
<b>Men, 16 years and over</b> .....	5,526	4,842	532	151	703	202	459	43	692	99
16 to 19 years .....	61	58	3	-	169	15	150	4	61	49
20 years and over .....	5,465	4,784	529	152	534	186	308	39	631	50
20 to 24 years .....	544	470	71	3	152	60	87	4	147	17
25 years and over .....	4,921	4,314	458	149	382	126	221	35	484	33
25 to 54 years .....	4,405	3,860	412	134	256	110	131	14	457	19
55 years and over .....	516	454	46	15	126	16	90	20	27	14
<b>Women, 16 years and over</b> .....	5,332	4,634	505	192	1,333	315	948	69	621	115
16 to 19 years .....	39	26	12	1	189	29	157	3	56	59
20 years and over .....	5,293	4,608	493	191	1,144	286	792	65	565	55
20 to 24 years .....	545	470	50	25	211	50	141	20	105	12
25 years and over .....	4,748	4,138	444	166	932	236	651	45	460	43
25 to 54 years .....	4,325	3,768	405	151	714	210	471	33	441	41
55 years and over .....	424	371	38	15	218	26	180	12	19	2

<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 are also 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-17. 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	
	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995
<b>Total</b> .....	<b>119,901</b>	<b>122,597</b>	<b>64,434</b>	<b>65,966</b>	<b>61,678</b>	<b>63,086</b>	<b>55,467</b>	<b>56,631</b>	<b>52,715</b>	<b>53,753</b>
<b>Managerial and professional specialty</b> .....	<b>33,125</b>	<b>34,507</b>	<b>17,097</b>	<b>17,899</b>	<b>17,011</b>	<b>17,805</b>	<b>16,028</b>	<b>16,608</b>	<b>15,904</b>	<b>16,476</b>
Executive, administrative, and managerial .....	15,488	16,780	8,751	9,514	8,704	9,480	6,737	7,266	6,703	7,219
Officials and administrators, public administration .....	733	736	381	371	380	371	352	365	352	365
Other executive, administrative, and managerial .....	10,607	11,682	6,511	7,143	6,465	7,109	4,097	4,540	4,070	4,502
Management-related occupations .....	4,127	4,362	1,844	2,001	1,843	2,000	2,284	2,361	2,276	2,353
<b>Professional specialty</b> .....	<b>17,638</b>	<b>17,727</b>	<b>8,346</b>	<b>8,385</b>	<b>8,307</b>	<b>8,325</b>	<b>9,292</b>	<b>9,343</b>	<b>9,201</b>	<b>9,257</b>
Engineers .....	1,818	1,831	1,676	1,653	1,669	1,653	142	179	142	179
Mathematical and computer scientists .....	1,250	1,195	819	831	819	831	431	364	431	364
Natural scientists .....	520	464	367	322	367	322	154	143	154	143
Health diagnosing occupations .....	933	971	741	772	741	772	192	199	192	198
Health assessment and treating occupations .....	2,730	2,657	370	361	368	361	2,360	2,296	2,355	2,293
Teachers, college and university .....	785	860	459	480	459	476	326	380	319	377
Teachers, except college and university .....	4,591	4,551	1,165	1,197	1,153	1,180	3,426	3,354	3,387	3,300
Lawyers and judges .....	826	919	660	723	660	723	166	195	166	195
Other professional specialty occupations .....	4,184	4,278	2,089	2,047	2,072	2,007	2,096	2,232	2,055	2,206
<b>Technical, sales, and administrative support</b> .....	<b>37,037</b>	<b>37,155</b>	<b>13,349</b>	<b>13,281</b>	<b>12,661</b>	<b>12,692</b>	<b>23,688</b>	<b>23,875</b>	<b>22,292</b>	<b>22,398</b>
Technicians and related support .....	3,931	3,821	1,928	1,880	1,907	1,867	2,003	1,941	1,985	1,923
Health technologists and technicians .....	1,596	1,624	313	312	311	311	1,284	1,312	1,273	1,298
Engineering and science technicians .....	1,140	1,153	865	914	848	905	275	239	274	239
Technicians, except health, engineering, and science .....	1,195	1,044	750	654	748	651	444	390	438	387
Sales occupations .....	14,449	14,903	7,434	7,511	7,012	7,120	7,015	7,392	6,086	6,423
Supervisors and proprietors .....	4,239	4,431	2,653	2,729	2,630	2,708	1,585	1,702	1,562	1,684
Sales representatives, finance and business services .....	2,218	2,422	1,367	1,398	1,348	1,386	851	1,024	838	1,001
Sales representatives, commodities, except retail .....	1,470	1,456	1,148	1,152	1,139	1,143	322	304	319	301
Sales workers, retail and personal services .....	6,445	6,488	2,218	2,192	1,848	1,843	4,228	4,296	3,340	3,374
Sales-related occupations .....	76	107	47	40	47	40	29	67	26	63
Administrative support, including clerical .....	18,657	18,431	3,987	3,890	3,742	3,704	14,670	14,542	14,221	14,052
Supervisors .....	819	816	353	331	353	326	466	485	466	480
Computer equipment operators .....	564	546	206	224	198	201	359	323	354	321
Secretaries, stenographers, and typists .....	4,110	4,064	67	71	61	63	4,043	3,992	3,949	3,909
Financial records processing .....	2,327	2,308	213	175	202	170	2,114	2,133	2,088	2,103
Mail and message distributing .....	969	1,010	587	592	572	572	382	418	369	403
Other administrative support, including clerical .....	9,868	9,687	2,561	2,497	2,355	2,372	7,307	7,191	6,995	6,836
<b>Service occupations</b> .....	<b>16,578</b>	<b>16,672</b>	<b>6,817</b>	<b>6,632</b>	<b>5,928</b>	<b>5,709</b>	<b>9,760</b>	<b>10,040</b>	<b>8,753</b>	<b>8,970</b>
Private household .....	757	838	30	27	28	24	727	811	624	718
Protective service .....	2,143	2,217	1,777	1,837	1,734	1,802	367	380	351	362
Service, except private household and protective .....	13,678	13,616	5,011	4,768	4,166	3,883	8,667	8,848	7,779	7,890
Food service .....	6,025	5,810	2,579	2,447	1,928	1,745	3,446	3,363	2,850	2,704
Health service .....	2,097	2,271	304	253	294	242	1,793	2,018	1,726	1,922
Cleaning and building service .....	2,796	2,816	1,580	1,549	1,464	1,443	1,216	1,266	1,160	1,209
Personal service .....	2,760	2,720	549	518	480	453	2,211	2,201	2,043	2,056
<b>Precision production, craft, and repair</b> .....	<b>13,129</b>	<b>13,398</b>	<b>11,932</b>	<b>12,173</b>	<b>11,733</b>	<b>11,939</b>	<b>1,197</b>	<b>1,225</b>	<b>1,172</b>	<b>1,203</b>
Mechanics and repairers .....	4,430	4,296	4,253	4,114	4,184	4,028	177	182	176	181
Construction trades .....	4,648	4,974	4,548	4,852	4,455	4,756	100	122	97	119
Other precision production, craft, and repair .....	4,052	4,128	3,132	3,207	3,093	3,155	920	920	898	904
<b>Operators, fabricators, and laborers</b> .....	<b>17,067</b>	<b>17,644</b>	<b>12,793</b>	<b>13,406</b>	<b>12,019</b>	<b>12,530</b>	<b>4,274</b>	<b>4,238</b>	<b>4,101</b>	<b>4,089</b>
Machine operators, assemblers, and inspectors .....	7,507	7,694	4,612	4,795	4,475	4,648	2,895	2,900	2,822	2,841
Transportation and material moving occupations .....	5,028	5,077	4,535	4,585	4,450	4,500	493	492	490	480
Motor vehicle operators .....	3,854	3,827	3,403	3,404	3,331	3,341	451	422	448	413
Other transportation and material moving occupations .....	1,175	1,250	1,132	1,180	1,119	1,159	42	70	42	67
Handlers, equipment cleaners, helpers, and laborers .....	4,532	4,873	3,646	4,027	3,094	3,382	886	846	788	768
Construction laborers .....	531	647	521	621	479	574	10	26	10	26
Other handlers, equipment cleaners, helpers, and laborers .....	4,001	4,226	3,125	3,406	2,614	2,808	876	820	778	742
<b>Farming, forestry, and fishing</b> .....	<b>2,964</b>	<b>3,221</b>	<b>2,445</b>	<b>2,576</b>	<b>2,326</b>	<b>2,412</b>	<b>519</b>	<b>646</b>	<b>494</b>	<b>616</b>
Farm operators and managers .....	1,327	1,439	1,052	1,080	1,024	1,045	275	359	269	352
Other farming, forestry, and fishing occupations .....	1,637	1,782	1,394	1,496	1,303	1,367	244	286	225	265

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-18. Employed persons by occupation, race, and sex**

(Percent distribution)

Occupation and race	Total		Men		Women	
	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	119,901	122,597	64,434	65,966	55,467	56,631
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	27.6	28.1	26.5	27.1	28.9	29.3
Executive, administrative, and managerial .....	12.9	13.7	13.6	14.4	12.1	12.8
Professional specialty .....	14.7	14.5	13.0	12.7	16.8	16.5
Technical, sales, and administrative support .....	30.9	30.3	20.7	20.1	42.7	42.2
Technicians and related support .....	3.3	3.1	3.0	2.9	3.6	3.4
Sales occupations .....	12.1	12.2	11.5	11.4	12.6	13.1
Administrative support, including clerical .....	15.6	15.0	6.2	5.9	26.4	25.7
Service occupations .....	13.8	13.6	10.6	10.1	17.6	17.7
Private household .....	.6	.7	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.4
Protective service .....	1.8	1.8	2.8	2.8	.7	.7
Service, except private household and protective .....	11.4	11.1	7.8	7.2	15.6	15.6
Precision production, craft, and repair .....	11.0	10.9	18.5	18.5	2.2	2.2
Operators, fabricators, and laborers .....	14.2	14.4	19.9	20.3	7.7	7.5
Machine operators, assemblers, and inspectors .....	6.3	6.3	7.2	7.3	5.2	5.1
Transportation and material moving occupations .....	4.2	4.1	7.0	6.9	.9	.9
Handlers, equipment cleaners, helpers, and laborers .....	3.8	4.0	5.7	6.1	1.6	1.5
Farming, forestry, and fishing .....	2.5	2.6	3.8	3.9	.9	1.1
<b>White</b>						
Total, 16 years and over (thousands) .....	102,628	104,718	55,878	57,018	46,750	47,700
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	28.6	29.2	27.5	28.3	30.0	30.4
Executive, administrative, and managerial .....	13.5	14.4	14.2	15.2	12.6	13.4
Professional specialty .....	15.2	14.9	13.4	13.1	17.4	17.0
Technical, sales, and administrative support .....	31.3	30.6	21.1	20.3	43.5	43.0
Technicians and related support .....	3.3	3.1	3.0	2.8	3.7	3.4
Sales occupations .....	12.6	12.7	12.2	11.9	13.0	13.5
Administrative support, including clerical .....	15.4	14.9	5.9	5.6	26.8	26.1
Service occupations .....	12.5	12.3	9.4	8.9	16.3	16.5
Private household .....	.6	.6	( <sup>1</sup> )	( <sup>1</sup> )	1.2	1.3
Protective service .....	1.6	1.6	2.5	2.5	.5	.6
Service, except private household and protective .....	10.3	10.1	6.8	6.3	14.5	14.7
Precision production, craft, and repair .....	11.3	11.4	19.1	19.3	2.0	2.1
Operators, fabricators, and laborers .....	13.5	13.5	18.8	19.1	7.2	6.7
Machine operators, assemblers, and inspectors .....	5.9	5.8	6.8	6.9	4.8	4.5
Transportation and material moving occupations .....	4.1	4.0	6.7	6.6	.9	.8
Handlers, equipment cleaners, helpers, and laborers .....	3.6	3.7	5.3	5.6	1.5	1.4
Farming, forestry, and fishing .....	2.7	2.8	4.1	4.1	1.1	1.3
<b>Black</b>						
Total, 16 years and over (thousands) .....	12,274	12,893	5,853	6,229	6,421	6,664
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	18.5	19.4	16.3	16.8	20.5	21.7
Executive, administrative, and managerial .....	8.5	9.0	8.8	8.8	8.3	9.2
Professional specialty .....	10.0	10.4	7.6	8.0	12.1	12.5
Technical, sales, and administrative support .....	28.2	28.5	17.0	18.4	38.4	37.9
Technicians and related support .....	3.0	3.2	2.9	3.0	3.1	3.4
Sales occupations .....	8.2	8.7	6.0	7.1	10.1	10.2
Administrative support, including clerical .....	17.0	16.6	8.0	8.3	25.2	24.3
Service occupations .....	23.7	22.5	19.6	18.7	27.4	26.1
Private household .....	1.2	1.3	-	.1	2.2	2.4
Protective service .....	3.4	3.6	5.3	5.7	1.7	1.6
Service, except private household and protective .....	19.1	17.7	14.3	13.0	23.6	22.0
Precision production, craft, and repair .....	8.5	7.3	14.9	12.7	2.7	2.2
Operators, fabricators, and laborers .....	20.0	21.3	30.2	31.6	10.7	11.8
Machine operators, assemblers, and inspectors .....	8.7	9.4	9.9	10.4	7.5	8.5
Transportation and material moving occupations .....	5.5	5.6	10.4	10.2	1.0	1.3
Handlers, equipment cleaners, helpers, and laborers .....	5.9	6.3	9.9	10.9	2.2	2.0
Farming, forestry, and fishing .....	1.0	1.0	1.9	1.8	.2	.2

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

A-19. Employed persons by industry and occupation

(In thousands)

Industry	January 1995												
	Total employed	Managerial and professional specialty		Technical, sales, and administrative support			Service occupations		Precision production, craft, and repair	Operators, fabricators, and laborers			Farming, forestry, and fishing
		Executive, administrative, and managerial	Professional specialty	Technicians and related support	Sales	Administrative support, including clerical	Private household	Other service <sup>1</sup>		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture .....	3,087	88	89	41	14	136	-	10	29	17	36	12	2,616
Mining .....	697	101	74	30	7	61	-	2	256	25	119	21	2
Construction .....	7,241	1,028	139	55	51	438	-	27	4,264	84	425	708	21
Manufacturing .....	20,113	2,671	1,752	637	725	2,160	-	275	3,859	6,164	723	1,044	103
Durable goods .....	11,662	1,612	1,082	418	298	1,198	-	147	2,686	3,217	424	488	92
Nondurable goods .....	8,451	1,059	670	220	427	963	-	127	1,172	2,947	299	556	11
Transportation and public utilities .....	8,671	1,095	491	303	239	2,369	-	257	1,186	109	2,081	534	9
Wholesale and retail trade .....	25,936	2,318	477	174	10,775	2,268	-	4,903	1,424	414	1,084	2,006	94
Wholesale trade .....	4,865	583	110	47	1,869	780	-	28	304	194	485	409	56
Retail trade .....	21,070	1,735	366	127	8,906	1,488	-	4,875	1,120	220	599	1,597	38
Finance, insurance, and real estate .....	7,988	2,241	253	163	1,991	2,789	-	269	184	11	16	25	46
Services .....	42,947	5,834	13,595	2,210	1,078	6,737	838	8,507	1,960	846	540	490	312
Private households .....	961	5	14	1	-	8	838	65	5	2	-	8	15
Other service industries .....	41,986	5,829	13,581	2,208	1,078	6,730	-	8,441	1,955	843	540	482	297
Professional services .....	29,521	3,718	12,160	1,924	214	5,096	-	5,272	448	224	299	99	68
Public administration .....	5,917	1,404	858	209	23	1,473	-	1,583	237	25	52	34	20

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-20. Employed persons in agriculture and nonagricultural industries by age, sex, and class of worker**

(In thousands)

Age and sex	January 1995									
	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 .....	1,523	1,533	31	110,646	92,315	959	91,355	18,331	8,768	96
16 to 19 years .....	126	38	15	5,463	5,220	104	5,116	244	109	6
16 to 17 years .....	56	27	10	2,092	2,023	70	1,953	69	59	1
18 to 19 years .....	70	11	5	3,371	3,196	34	3,163	174	51	5
20 to 24 years .....	182	38	6	11,872	10,859	96	10,763	1,012	251	5
25 to 34 years .....	467	246	2	29,545	25,508	206	25,302	4,037	1,706	8
35 to 44 years .....	340	423	3	30,300	24,633	229	24,404	5,667	2,643	21
45 to 54 years .....	227	274	3	21,114	16,187	124	16,063	4,926	2,202	31
55 to 64 years .....	118	251	2	9,725	7,754	132	7,622	1,971	1,213	20
65 years and over .....	62	265	-	2,628	2,153	68	2,086	475	644	5
<b>Men, 16 years and over .....</b>	<b>1,178</b>	<b>1,099</b>	<b>17</b>	<b>58,275</b>	<b>50,107</b>	<b>61</b>	<b>50,046</b>	<b>8,169</b>	<b>5,374</b>	<b>22</b>
16 to 19 years .....	110	28	10	2,663	2,580	7	2,572	83	64	-
16 to 17 years .....	49	18	7	990	968	4	964	22	33	1
18 to 19 years .....	62	10	3	1,672	1,612	4	1,608	61	30	-
20 to 24 years .....	147	27	5	6,142	5,719	5	5,714	423	150	1
25 to 34 years .....	352	183	1	16,019	14,155	12	14,143	1,864	1,005	-
35 to 44 years .....	250	305	-	15,876	13,441	7	13,434	2,435	1,651	1
45 to 54 years .....	179	174	-	10,976	8,756	8	8,749	2,220	1,302	6
55 to 64 years .....	90	177	1	5,173	4,261	17	4,243	913	775	5
65 years and over .....	49	205	-	1,427	1,196	4	1,191	231	428	2
<b>Women, 16 years and over .....</b>	<b>345</b>	<b>434</b>	<b>14</b>	<b>52,371</b>	<b>42,208</b>	<b>899</b>	<b>41,309</b>	<b>10,163</b>	<b>3,394</b>	<b>74</b>
16 to 19 years .....	16	10	4	2,801	2,640	97	2,543	161	46	1
16 to 17 years .....	8	9	-	1,102	1,055	67	989	47	25	1
18 to 19 years .....	9	1	2	1,699	1,585	30	1,554	114	20	-
20 to 24 years .....	35	11	1	5,730	5,141	91	5,049	589	101	3
25 to 34 years .....	115	63	1	13,526	11,353	194	11,159	2,173	701	7
35 to 44 years .....	90	117	2	14,424	11,192	222	10,970	3,232	993	20
45 to 54 years .....	48	100	4	10,137	7,431	116	7,315	2,706	900	25
55 to 64 years .....	28	74	2	4,551	3,493	115	3,379	1,058	438	15
65 years and over .....	12	59	-	1,201	958	63	894	244	215	3

**A-21. Persons at work in agriculture and nonagriculture industries by hours of work**

Hours of work	January 1995					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	118,065	2,751	115,314	100.0	100.0	100.0
1 to 34 hours .....	30,271	1,100	29,170	25.6	40.0	25.3
1 to 4 hours .....	1,279	84	1,195	1.1	3.1	1.0
5 to 14 hours .....	5,150	254	4,896	4.4	9.2	4.2
15 to 29 hours .....	14,936	494	14,443	12.7	18.0	12.5
30 to 34 hours .....	8,905	269	8,636	7.5	9.8	7.5
35 hours and over .....	87,794	1,651	86,144	74.4	60.0	74.7
35 to 39 hours .....	8,593	170	8,423	7.3	6.2	7.3
40 hours .....	42,385	502	41,883	35.9	18.3	36.3
41 hours and over .....	36,816	978	35,838	31.2	35.6	31.1
41 to 48 hours .....	14,337	230	14,108	12.1	8.3	12.2
49 to 59 hours .....	13,554	287	13,267	11.5	10.4	11.5
60 hours and over .....	8,925	462	8,463	7.6	16.8	7.3
Average hours, total at work .....	38.9	37.9	39.0	-	-	-
Average hours, persons who usually work full time .....	43.2	44.9	43.2	-	-	-

NOTE: Detail on persons at work in tables A-21 through A-25 may not sum to the totals shown because of minor editing problems associated with the redesign survey.

**A-22. 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	January 1995					
	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 .....	30,271	8,981	21,290	29,170	8,565	20,606
Economic reasons .....	4,848	1,731	3,117	4,620	1,599	3,022
Slack work or business conditions .....	2,795	1,444	1,351	2,638	1,341	1,297
Could only find part-time work .....	1,704	-	1,704	1,677	-	1,677
Seasonal work .....	175	113	62	134	85	48
Job started or ended during week .....	174	174	-	173	173	-
Noneconomic reasons .....	25,423	7,250	18,173	24,550	6,966	17,584
Child-care problems .....	737	71	666	730	69	660
Other family or personal obligations .....	5,751	757	4,994	5,580	742	4,838
Health or medical limitations .....	677	-	677	638	-	638
In school or training .....	6,255	60	6,195	6,134	59	6,075
Retired or Social Security limit on earnings .....	1,900	-	1,900	1,752	-	1,752
Vacation or personal day .....	1,843	1,843	-	1,828	1,828	-
Holiday, legal or religious .....	335	335	-	331	331	-
Weather-related curtailment .....	830	830	-	663	663	-
All other reasons .....	7,096	3,355	3,741	6,894	3,273	3,621
Average hours:						
Economic reasons .....	22.6	23.8	21.9	22.7	23.9	22.0
Other reasons .....	21.1	25.6	19.3	21.2	25.7	19.4

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-23. 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	January 1995							
	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 .....	115,314	29,170	4,620	6,966	17,584	86,144	39.0	43.2
Wage and salary workers .....	107,171	26,242	4,064	6,444	15,735	80,929	39.0	43.0
Mining .....	666	48	12	24	12	619	47.7	48.1
Construction .....	5,498	1,168	347	562	259	4,330	39.6	41.1
Manufacturing .....	19,185	2,177	393	1,097	687	17,008	42.5	43.4
Durable goods .....	11,140	1,069	163	627	279	10,071	43.3	43.9
Nondurable goods .....	8,045	1,108	229	470	408	6,937	41.4	42.7
Transportation and public utilities .....	8,025	1,187	215	445	527	6,839	42.5	44.3
Wholesale and retail trade .....	23,474	8,372	1,459	951	5,962	15,101	36.4	43.5
Finance, insurance, and real estate .....	7,220	1,273	102	417	754	5,946	40.1	42.7
Service industries .....	37,367	11,165	1,493	2,409	7,263	26,202	37.5	42.6
Private households .....	930	528	101	28	399	401	27.9	41.9
All other industries .....	36,437	10,637	1,393	2,381	6,864	25,800	37.7	42.6
Public administration .....	5,736	852	42	540	271	4,884	40.6	41.8
Self-employed workers .....	8,047	2,875	557	520	1,799	5,172	38.3	45.6
Unpaid family workers .....	96	53	-	2	51	43	36.9	(')

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



**A-24. Persons at work in nonagricultural industries by age, sex, race, marital status, and usual full- or part-time status**

(Numbers in thousands)

Industry and class of worker	January 1995							
	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 .....	115,314	29,170	4,620	6,966	17,584	86,144	39.0	43.2
16 to 19 years .....	5,377	4,137	352	152	3,633	1,240	22.8	39.0
16 to 17 years .....	2,076	1,959	47	16	1,896	117	16.2	36.6
18 to 19 years .....	3,301	2,178	305	136	1,738	1,123	26.9	39.2
20 years and over .....	109,937	25,033	4,268	6,814	13,951	84,904	39.8	43.2
20 to 24 years .....	11,733	3,974	846	625	2,502	7,759	35.9	41.5
25 years and over .....	98,204	21,059	3,422	6,189	11,448	77,145	40.2	43.4
25 to 54 years .....	84,714	16,586	2,992	5,427	8,167	68,128	40.8	43.5
55 years and over .....	13,490	4,473	430	762	3,282	9,017	36.5	42.9
Men, 16 years and over .....	61,682	10,934	2,206	3,511	5,217	50,748	41.9	44.6
16 to 19 years .....	2,637	1,885	167	90	1,629	751	24.6	39.1
16 to 17 years .....	982	915	36	11	868	67	17.4	35.6
18 to 19 years .....	1,655	971	131	79	761	684	29.0	39.4
20 years and over .....	59,045	9,048	2,039	3,422	3,588	49,997	42.7	44.6
20 to 24 years .....	6,131	1,794	429	325	1,040	4,337	37.6	42.3
25 years and over .....	52,914	7,254	1,610	3,097	2,548	45,660	43.3	44.9
25 to 54 years .....	45,521	5,339	1,402	2,692	1,245	40,182	44.0	45.0
55 years and over .....	7,393	1,915	208	405	1,302	5,478	39.1	44.1
Women, 16 years and over .....	53,632	18,237	2,414	3,455	12,367	35,395	35.6	41.2
16 to 19 years .....	2,740	2,252	185	62	2,005	489	21.0	38.7
16 to 17 years .....	1,094	1,045	11	5	1,028	49	15.2	( <sup>1</sup> )
18 to 19 years .....	1,646	1,207	174	57	977	439	24.8	38.8
20 years and over .....	50,892	15,985	2,229	3,392	10,363	34,907	36.3	41.2
20 to 24 years .....	5,601	2,180	417	301	1,462	3,422	34.1	40.4
25 years and over .....	45,290	13,805	1,812	3,092	8,901	31,485	36.6	41.3
25 to 54 years .....	39,193	11,247	1,590	2,736	6,922	27,946	37.2	41.4
55 years and over .....	6,097	2,558	223	356	1,979	3,540	33.2	41.0
<b>Race</b>								
White, 16 years and over .....	98,260	25,178	3,749	5,823	15,607	73,081	39.1	43.4
Men .....	53,192	9,314	1,828	2,930	4,555	43,878	42.2	44.9
Women .....	45,068	15,865	1,920	2,892	11,052	29,203	35.4	41.3
Black, 16 years and over .....	12,357	2,853	638	852	1,364	9,503	38.1	41.2
Men .....	5,961	1,137	279	414	444	4,824	39.7	41.9
Women .....	6,395	1,716	359	437	919	4,679	36.6	40.4
<b>Marital status</b>								
Men, 16 years and over:								
Married, spouse present .....	38,596	5,007	1,030	2,224	1,753	33,590	43.8	45.2
Widowed, divorced, or separated .....	6,900	1,099	295	416	388	5,801	42.2	44.2
Single (never married) .....	16,185	4,828	880	871	3,076	11,357	37.4	42.8
Women, 16 years and over:								
Married, spouse present .....	29,713	9,996	1,050	1,926	7,020	19,717	35.7	41.1
Widowed, divorced, or separated .....	10,787	2,892	549	748	1,595	7,896	37.6	41.6
Single (never married) .....	13,132	5,349	815	781	3,753	7,783	33.6	41.1

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

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-25. Persons at work in nonfarm occupations by sex and usual full- or part-time status**

(Numbers in thousands)

Occupation and sex	January 1995							
	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> .....	115,200	29,158	4,612	6,954	17,592	86,042	39.0	43.2
Managerial and professional specialty .....	33,335	6,084	684	1,932	3,468	27,251	42.0	45.0
Executive, administrative, and managerial .....	16,270	2,139	259	823	1,058	14,132	44.0	45.8
Professional specialty .....	17,064	3,945	426	1,109	2,410	13,119	40.2	44.2
Technical, sales, and administrative support .....	35,952	10,344	1,220	2,137	6,987	25,608	37.4	42.4
Technicians and related support .....	3,689	791	74	289	428	2,899	39.5	42.0
Sales occupations .....	14,411	4,436	683	571	3,182	9,975	38.5	45.0
Administrative support, including clerical .....	17,851	5,117	464	1,277	3,376	12,734	36.1	40.4
Service occupations .....	16,031	6,956	1,201	831	4,924	9,075	33.3	41.4
Private household .....	816	471	96	22	353	345	27.6	42.1
Protective service .....	2,143	343	29	122	192	1,800	41.6	44.3
Service, except private household and protective .....	13,072	6,142	1,076	687	4,379	6,930	32.3	40.7
Precision production, craft, and repair .....	12,908	1,992	552	975	466	10,916	41.4	42.6
Operators, fabricators, and laborers .....	16,975	3,782	955	1,079	1,748	13,192	39.7	42.6
Machine operators, assemblers, and inspectors .....	7,403	1,160	307	480	373	6,243	40.6	41.8
Transportation and material moving occupations .....	4,863	964	255	265	444	3,899	42.6	45.6
Handlers, equipment cleaners, helpers, and laborers .....	4,709	1,659	394	334	931	3,050	35.3	40.4
Men, 16 years and over <sup>1</sup> .....	61,429	10,853	2,205	3,498	5,150	50,576	41.9	44.6
Managerial and professional specialty .....	17,391	2,098	305	861	932	15,294	45.1	46.9
Executive, administrative, and managerial .....	9,243	893	149	405	339	8,350	46.2	47.5
Professional specialty .....	8,148	1,204	155	456	593	6,944	43.8	46.3
Technical, sales, and administrative support .....	12,972	2,334	297	659	1,378	10,638	42.0	45.1
Technicians and related support .....	1,828	251	26	129	96	1,576	42.1	43.4
Sales occupations .....	7,362	1,306	195	262	850	6,056	43.4	47.1
Administrative support, including clerical .....	3,782	777	76	268	432	3,006	39.1	42.1
Service occupations .....	6,390	1,999	398	304	1,297	4,391	36.7	42.6
Private household .....	27	19	4	-	15	8	( <sup>2</sup> )	( <sup>2</sup> )
Protective service .....	1,780	234	16	105	112	1,547	42.8	44.5
Service, except private household and protective .....	4,582	1,746	377	199	1,170	2,836	34.5	41.5
Precision production, craft, and repair .....	11,742	1,780	518	905	356	9,962	41.7	42.8
Operators, fabricators, and laborers .....	12,933	2,642	687	769	1,186	10,291	40.5	43.2
Machine operators, assemblers, and inspectors .....	4,630	554	154	238	162	4,077	41.8	42.6
Transportation and material moving occupations .....	4,401	754	208	246	300	3,646	43.5	45.9
Handlers, equipment cleaners, helpers, and laborers .....	3,902	1,334	325	285	725	2,568	35.5	40.5
Women, 16 years and over <sup>1</sup> .....	53,771	18,305	2,407	3,456	12,442	35,466	35.5	41.2
Managerial and professional specialty .....	15,943	3,986	380	1,071	2,536	11,957	38.7	42.7
Executive, administrative, and managerial .....	7,027	1,246	109	418	719	5,782	41.0	43.5
Professional specialty .....	8,916	2,741	270	653	1,817	6,175	36.9	41.9
Technical, sales, and administrative support .....	22,979	8,009	923	1,478	5,608	14,970	34.8	40.5
Technicians and related support .....	1,862	539	48	160	331	1,322	37.0	40.4
Sales occupations .....	7,049	3,130	488	309	2,333	3,919	33.4	41.9
Administrative support, including clerical .....	14,069	4,340	388	1,008	2,944	9,729	35.3	39.9
Service occupations .....	9,641	4,957	803	527	3,627	4,684	31.0	40.4
Private household .....	789	452	92	21	338	337	27.9	42.0
Protective service .....	362	109	12	17	79	253	35.9	42.8
Service, except private household and protective .....	8,490	4,396	698	489	3,209	4,094	31.1	40.1
Precision production, craft, and repair .....	1,166	212	33	69	109	953	38.6	41.0
Operators, fabricators, and laborers .....	4,042	1,140	268	310	562	2,902	37.1	40.4
Machine operators, assemblers, and inspectors .....	2,773	606	153	242	211	2,167	38.6	40.4
Transportation and material moving occupations .....	462	209	46	19	144	253	33.6	40.9
Handlers, equipment cleaners, helpers, and laborers .....	807	324	69	49	207	482	34.2	39.9

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

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

**A-26. 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	
	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995
Total, 16 years and over .....	5,526	4,631	7.9	6.6	3,966	3,470	6.7	5.8
Married, spouse present .....	2,149	1,729	5.0	4.0	1,570	1,304	4.8	4.0
Widowed, divorced, or separated .....	686	709	9.0	8.7	883	808	7.6	6.7
Single (never married) .....	2,690	2,192	14.0	11.2	1,512	1,358	10.2	9.0
White, 16 years and over .....	4,216	3,591	7.0	5.9	2,907	2,539	5.9	5.1
Married, spouse present .....	1,767	1,438	4.6	3.8	1,300	1,085	4.5	3.7
Widowed, divorced, or separated .....	501	531	7.9	7.8	653	593	7.1	6.2
Single (never married) .....	1,948	1,621	12.5	10.2	952	861	8.4	7.4
Black, 16 years and over .....	1,027	791	14.9	11.3	896	735	12.2	9.9
Married, spouse present .....	255	191	7.9	5.9	184	130	7.7	5.3
Widowed, divorced, or separated .....	143	137	14.3	12.3	202	172	9.8	8.0
Single (never married) .....	629	464	23.6	17.2	510	434	17.7	15.5
Total, 25 years and over .....	3,724	3,147	6.3	5.3	2,786	2,430	5.6	4.8
Married, spouse present .....	1,996	1,609	4.8	3.9	1,378	1,177	4.4	3.8
Widowed, divorced, or separated .....	645	686	8.6	8.6	817	751	7.3	6.4
Single (never married) .....	1,082	852	10.7	8.2	590	503	8.0	6.8
White, 25 years and over .....	2,870	2,447	5.6	4.8	2,050	1,784	4.9	4.2
Married, spouse present .....	1,641	1,338	4.5	3.7	1,130	981	4.1	3.6
Widowed, divorced, or separated .....	460	518	7.5	7.8	596	541	6.7	5.8
Single (never married) .....	769	592	9.5	7.2	324	261	6.1	4.9
Black, 25 years and over .....	634	517	11.2	8.9	610	503	10.1	8.1
Married, spouse present .....	231	173	7.4	5.6	167	114	7.3	4.9
Widowed, divorced, or separated .....	142	130	14.5	11.9	195	169	9.7	8.0
Single (never married) .....	261	214	16.8	13.2	248	220	14.3	12.6

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-27. Unemployed persons by occupation and sex**

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995
Total, 16 years and over <sup>1</sup> .....	9,492	8,101	7.3	6.2	7.9	6.6	6.7	5.8
Managerial and professional specialty .....	1,012	850	3.0	2.4	2.9	2.2	3.0	2.6
Executive, administrative, and managerial .....	558	390	3.5	2.3	3.3	2.1	3.7	2.5
Professional specialty .....	454	460	2.5	2.5	2.5	2.4	2.5	2.7
Technical, sales, and administrative support .....	2,260	1,922	5.7	4.9	5.1	4.8	6.1	5.0
Technicians and related support .....	144	109	3.5	2.8	2.8	2.5	4.3	3.0
Sales occupations .....	1,077	904	6.9	5.7	5.5	4.6	8.4	6.8
Administrative support, including clerical .....	1,038	909	5.3	4.7	5.6	6.2	5.2	4.3
Service occupations .....	1,697	1,382	9.3	7.7	10.0	7.7	8.8	7.6
Private household .....	81	103	9.7	10.9	( <sup>2</sup> )	( <sup>2</sup> )	8.6	10.3
Protective service .....	120	94	5.3	4.1	4.9	3.4	7.2	7.5
Service, except private household and protective .....	1,496	1,185	9.9	8.0	11.5	9.1	8.9	7.4
Precision production, craft, and repair .....	1,252	1,056	8.7	7.3	8.8	7.4	8.1	5.9
Mechanics and repairers .....	251	208	5.4	4.6	5.4	4.6	3.5	4.0
Construction trades .....	754	625	14.0	11.2	13.6	11.4	26.6	.3
Other precision production, craft, and repair .....	246	222	5.7	5.1	5.5	4.5	6.4	7.1
Operators, fabricators, and laborers .....	2,262	1,946	11.7	9.9	11.9	9.9	11.1	10.1
Machine operators, assemblers, and inspectors .....	800	704	9.6	8.4	8.8	7.1	10.9	10.5
Transportation and material moving occupations .....	531	408	9.6	7.4	10.0	7.7	5.6	5.2
Handlers, equipment cleaners, helpers, and laborers .....	931	834	17.0	14.6	17.7	15.2	14.2	11.7
Construction laborers .....	220	238	29.3	26.9	28.5	26.7	( <sup>2</sup> )	( <sup>2</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	711	596	15.1	12.4	15.6	12.7	13.4	10.9
Farming, forestry, and fishing .....	412	404	12.2	11.1	12.2	10.8	12.4	12.4
No previous work experience .....	538	485	-	-	-	-	-	-
16 to 19 years .....	377	300	-	-	-	-	-	-
20 to 24 years .....	80	94	-	-	-	-	-	-
25 years and over .....	80	92	-	-	-	-	-	-

<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.

**A-28. Unemployed persons by industry and sex**

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995
Total, 16 years and over .....	9,492	8,101	7.3	6.2	7.9	6.6	6.7	5.8
Nonagricultural private wage and salary workers .....	7,682	6,369	7.9	6.5	8.4	6.8	7.3	6.0
Mining .....	48	43	7.1	6.0	8.1	6.6	1.7	2.2
Construction .....	1,057	1,012	18.5	16.2	18.8	16.8	15.3	9.6
Manufacturing .....	1,405	1,064	6.8	5.2	6.3	4.6	7.7	6.4
Durable goods .....	732	537	6.0	4.5	6.1	4.2	5.8	5.5
Lumber and wood products .....	56	50	8.7	6.5	9.3	6.9	6.1	4.3
Furniture and fixtures .....	42	21	5.5	3.2	6.3	2.3	3.5	5.1
Stone, clay, and glass products .....	48	23	8.0	4.1	8.4	3.8	6.3	5.1
Primary metal industries .....	31	19	4.3	2.5	4.0	1.9	6.6	5.7
Fabricated metal products .....	78	76	6.1	5.6	6.8	5.8	2.9	4.7
Machinery and computing equipment .....	129	95	5.3	4.0	5.3	3.6	5.5	5.5
Electrical machinery, equipment, and supplies .....	92	73	4.9	4.2	4.5	3.6	5.4	5.0
Transportation equipment .....	158	99	6.5	4.3	6.3	3.4	7.2	7.6
Automobiles .....	69	52	5.4	4.1	5.6	2.7	4.5	8.3
Other transportation equipment .....	89	47	7.7	4.7	7.0	4.2	10.4	6.6
Professional and photographic equipment .....	32	28	4.2	3.7	4.6	4.3	3.6	2.8
Other durable goods industries .....	65	53	10.6	8.7	9.8	9.6	11.7	7.3
Nondurable goods .....	673	527	7.8	6.0	6.7	5.2	9.5	7.3
Food and kindred products .....	207	102	11.9	6.2	9.6	5.1	16.1	8.5
Textile mill products .....	46	64	6.9	8.4	4.5	8.2	10.2	8.8
Apparel and other textile products .....	138	130	12.7	11.5	11.4	11.9	13.3	11.3
Paper and allied products .....	25	28	3.7	3.7	3.4	3.5	4.7	4.6
Printing and publishing .....	118	98	6.4	5.1	6.6	5.3	6.1	4.9
Chemicals and allied products .....	59	49	4.3	3.6	3.9	3.3	5.2	4.3
Rubber and miscellaneous plastics products .....	43	44	5.4	5.3	6.0	4.6	4.0	6.9
Other nondurable goods industries .....	36	12	9.2	3.5	9.9	3.7	8.2	3.2
Transportation and public utilities .....	417	388	6.1	5.4	6.5	5.9	5.1	4.3
Transportation .....	321	293	7.4	6.6	8.0	7.3	5.8	4.5
Communications and other public utilities .....	96	95	3.8	3.5	3.5	3.1	4.4	4.2
Wholesale and retail trade .....	2,273	1,890	8.8	7.3	8.6	6.6	9.1	8.0
Wholesale trade .....	287	258	6.5	5.4	5.7	4.4	8.5	7.8
Retail trade .....	1,986	1,632	9.3	7.7	9.5	7.3	9.2	8.0
Finance, insurance, and real estate .....	288	221	3.9	3.0	4.1	2.8	3.8	3.2
Service industries .....	2,193	1,750	7.2	5.7	7.7	6.2	6.8	5.4
Professional services .....	881	662	4.8	3.5	4.0	3.3	5.1	3.6
Other service industries .....	1,312	1,088	10.8	9.1	11.0	8.9	10.7	9.4
Agricultural wage and salary workers .....	308	286	18.5	15.8	19.3	15.5	15.7	16.8
Government, self-employed, and unpaid family workers .....	964	961	3.3	3.2	3.6	3.6	2.9	2.8
No previous work experience .....	538	485	-	-	-	-	-	-

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**Table A-29. 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	
	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	9,492	8,101	4,733	3,958	3,462	2,944	1,297	1,199	7,122	6,129	1,923	1,527
Job losers and persons who completed temporary jobs .....	5,215	4,350	3,223	2,681	1,728	1,407	263	262	4,095	3,416	897	702
On temporary layoff .....	1,652	1,539	990	977	542	444	121	118	1,393	1,270	205	172
Not on temporary layoff .....	3,563	2,810	2,234	1,704	1,187	963	143	144	2,702	2,146	692	530
Permanent job losers .....	2,617	1,995	1,637	1,222	894	693	86	79	2,035	1,570	445	339
Persons who completed temporary jobs .....	946	816	596	481	293	270	56	65	668	576	247	191
Job leavers .....	804	686	368	344	368	276	67	66	636	548	136	105
Reentrants .....	2,942	2,580	1,081	873	1,269	1,135	591	572	2,039	1,823	746	616
New entrants .....	532	485	61	59	95	127	375	300	352	343	144	104
<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
Job losers and persons who completed temporary jobs .....	54.9	53.7	68.1	67.7	49.9	47.8	20.3	21.8	57.5	55.7	46.6	46.0
On temporary layoff .....	17.4	19.0	20.9	24.7	15.7	15.1	9.3	9.9	19.6	20.7	10.7	11.3
Not on temporary layoff .....	37.5	34.7	47.2	43.0	34.3	32.7	11.0	12.0	37.9	35.0	36.0	34.7
Job leavers .....	8.5	8.5	7.8	8.7	10.6	9.4	5.2	5.5	8.9	8.9	7.1	6.9
Reentrants .....	31.0	31.8	22.8	22.1	36.7	38.5	45.6	47.7	28.6	29.7	38.8	40.3
New entrants .....	5.6	6.0	1.3	1.5	2.8	4.3	28.9	25.0	4.9	5.6	7.5	6.8
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers and persons who completed temporary jobs .....	4.0	3.3	4.9	4.0	3.1	2.5	3.9	3.8	3.7	3.1	6.3	4.9
Job leavers .....	.6	.5	.6	.5	.7	.5	1.0	1.0	.6	.5	1.0	.7
Reentrants .....	2.3	2.0	1.6	1.3	2.3	2.0	8.7	8.2	1.9	1.6	5.3	4.3
New entrants .....	.4	.4	.1	.1	.2	.2	5.5	4.3	.3	.3	1.0	.7

A-30. Unemployed persons by reason for unemployment, sex, age, and duration of unemployment

(Percent distribution)

Reason, sex, and age	January 1995						
	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 .....	8,101	100.0	40.8	28.0	31.2	14.1	17.1
Job losers and persons who completed temporary jobs .....	4,350	100.0	43.2	29.2	27.6	13.2	14.4
On temporary layoff .....	1,539	100.0	61.4	29.9	8.7	5.7	3.0
Not on temporary layoff .....	2,810	100.0	33.3	28.8	37.9	17.3	20.6
Permanent job losers .....	1,995	100.0	29.9	27.8	42.3	18.1	24.2
Persons who completed temporary jobs .....	816	100.0	41.7	31.4	27.0	15.2	11.7
Job leavers .....	686	100.0	40.3	29.0	30.7	14.7	16.0
Reentrants .....	2,580	100.0	38.7	25.6	35.7	15.2	20.5
New entrants .....	485	100.0	31.4	27.8	40.8	15.6	25.3
Men, 20 years and over .....	3,958	100.0	38.5	28.6	32.9	13.5	19.4
Job losers and persons who completed temporary jobs .....	2,681	100.0	40.6	30.5	28.9	12.4	16.4
On temporary layoff .....	977	100.0	56.0	34.8	9.3	5.5	3.8
Not on temporary layoff .....	1,704	100.0	31.8	28.1	40.1	16.4	23.7
Permanent job losers .....	1,222	100.0	29.5	25.8	44.7	17.3	27.4
Persons who completed temporary jobs .....	481	100.0	37.7	33.9	28.4	14.1	14.3
Job leavers .....	344	100.0	36.8	30.3	32.9	13.8	19.1
Reentrants .....	873	100.0	34.8	22.0	43.3	16.1	27.1
New entrants .....	59	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Women, 20 years and over .....	2,944	100.0	41.1	26.8	32.1	14.8	17.3
Job losers and persons who completed temporary jobs .....	1,407	100.0	44.5	26.7	28.8	16.0	12.8
On temporary layoff .....	444	100.0	67.9	23.0	9.1	7.2	1.9
Not on temporary layoff .....	963	100.0	33.7	28.4	37.9	20.0	17.9
Permanent job losers .....	693	100.0	29.0	29.8	41.2	20.2	20.9
Persons who completed temporary jobs .....	270	100.0	45.9	24.7	29.5	19.4	10.1
Job leavers .....	276	100.0	40.2	30.5	29.4	14.8	14.5
Reentrants .....	1,135	100.0	37.9	26.5	35.6	13.8	21.8
New entrants .....	127	100.0	33.8	23.9	42.3	10.9	31.4
Both sexes, 16 to 19 years .....	1,199	100.0	47.7	28.6	23.7	14.3	9.4
Job losers and persons who completed temporary jobs .....	262	100.0	63.0	29.3	7.6	6.2	1.4
On temporary layoff .....	118	100.0	82.0	15.2	2.7	2.2	.5
Not on temporary layoff .....	144	100.0	47.4	40.9	11.7	9.5	2.2
Permanent job losers .....	79	100.0	42.5	41.1	16.4	12.4	3.9
Persons who completed temporary jobs .....	65	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Job leavers .....	66	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Reentrants .....	572	100.0	46.1	29.5	24.4	16.5	7.9
New entrants .....	300	100.0	34.9	29.0	36.1	16.2	19.9

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

A-31. 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	
	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995
Total, 16 years and over .....	9,492	8,101	100.0	100.0	7,766	6,400	100.0	100.0
Less than 5 weeks .....	3,731	3,307	39.3	40.8	2,687	2,373	34.6	37.1
5 to 14 weeks .....	2,509	2,265	26.4	28.0	2,167	1,843	27.9	28.8
5 to 10 weeks .....	1,655	1,593	17.4	19.7	1,416	1,280	18.2	20.0
11 to 14 weeks .....	854	672	9.0	8.3	752	562	9.7	8.8
15 weeks and over .....	3,251	2,529	34.3	31.2	2,912	2,185	37.5	34.1
15 to 26 weeks .....	1,463	1,143	15.4	14.1	1,245	943	16.0	14.7
27 weeks and over .....	1,788	1,387	18.8	17.1	1,667	1,242	21.5	19.4
27 to 51 weeks .....	582	588	6.1	7.3	545	523	7.0	8.2
52 weeks and over .....	1,207	798	12.7	9.9	1,123	719	14.5	11.2
Average (mean) duration, in weeks .....	18.1	16.5	-	-	19.9	18.0	-	-
Median duration, in weeks .....	8.4	7.7	-	-	9.7	8.7	-	-

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-32. Unemployed persons by age, sex, race, marital status, and duration of unemployment**

Sex, age, race, and marital status	January 1995							Weeks	
	Thousands of persons						Average (mean) duration		
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over					
				Total	15 to 26 weeks	27 weeks and over			
<b>TOTAL</b>									
Total, 16 years and over .....	8,101	3,307	2,265	2,529	1,143	1,387	16.5	7.7	
16 to 19 years .....	1,199	573	343	284	172	112	11.5	5.3	
20 to 24 years .....	1,324	650	355	319	177	142	11.9	4.8	
25 to 34 years .....	2,247	932	627	688	314	374	16.0	7.8	
35 to 44 years .....	1,750	630	511	609	231	378	18.9	9.0	
45 to 54 years .....	911	262	278	372	157	215	22.0	10.4	
55 to 64 years .....	494	191	107	196	76	120	22.3	9.4	
65 years and over .....	175	70	44	60	16	45	20.8	7.8	
<b>Men, 16 years and over</b> .....	<b>4,631</b>	<b>1,817</b>	<b>1,356</b>	<b>1,458</b>	<b>630</b>	<b>828</b>	<b>16.9</b>	<b>7.9</b>	
16 to 19 years .....	673	292	224	157	95	62	11.4	6.2	
20 to 24 years .....	811	393	229	189	104	85	11.9	4.9	
25 to 34 years .....	1,236	488	354	394	170	224	16.9	8.1	
35 to 44 years .....	1,027	389	285	353	132	221	18.5	8.4	
45 to 54 years .....	501	120	185	196	78	118	23.1	10.5	
55 to 64 years .....	271	97	52	122	41	81	25.0	12.1	
65 years and over .....	112	38	27	47	10	37	25.0	9.5	
<b>Women, 16 years and over</b> .....	<b>3,470</b>	<b>1,490</b>	<b>909</b>	<b>1,071</b>	<b>513</b>	<b>558</b>	<b>15.9</b>	<b>7.5</b>	
16 to 19 years .....	527	280	119	127	77	50	11.8	4.2	
20 to 24 years .....	514	258	126	130	73	57	11.8	4.5	
25 to 34 years .....	1,011	444	273	294	144	150	14.9	7.4	
35 to 44 years .....	723	241	226	256	99	157	19.6	9.9	
45 to 54 years .....	410	142	93	176	79	97	20.8	10.2	
55 to 64 years .....	223	94	55	74	36	38	19.0	7.9	
65 years and over .....	62	32	17	13	5	8	( <sup>1</sup> )	( <sup>1</sup> )	
<b>Race</b>									
White, 16 years and over .....	6,129	2,616	1,715	1,798	836	963	15.4	7.2	
Men .....	3,591	1,451	1,063	1,077	473	604	16.2	7.5	
Women .....	2,539	1,165	652	722	363	358	14.2	6.7	
Black, 16 years and over .....	1,527	549	390	587	231	356	20.2	9.7	
Men .....	791	293	199	300	115	185	19.4	9.3	
Women .....	735	257	192	287	116	172	20.9	10.2	
<b>Marital status</b>									
Men, 16 years and over:									
Married, spouse present .....	1,729	629	540	560	237	323	17.2	8.3	
Widowed, divorced, or separated .....	709	280	189	241	95	146	18.5	8.3	
Single (never married) .....	2,192	908	627	657	298	359	16.2	7.2	
Women, 16 years and over:									
Married, spouse present .....	1,304	552	358	394	205	188	15.1	7.5	
Widowed, divorced, or separated .....	808	303	228	278	110	168	19.1	9.2	
Single (never married) .....	1,358	636	323	400	198	202	14.7	6.2	

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



**A-33. Unemployed persons by occupation, industry, and duration of unemployment**

Occupation and industry	January 1995							Average (mean) duration	Median duration
	Thousands of persons								
	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 .....	850	311	196	343	153	190	19.9	9.3	
Technical, sales, and administrative support .....	1,922	883	428	611	304	307	15.9	6.9	
Service occupations .....	1,382	560	427	395	166	229	16.5	7.8	
Precision production, craft, and repair .....	1,056	432	300	324	152	172	15.3	7.8	
Operators, fabricators, and laborers .....	1,946	829	591	527	238	289	15.3	6.9	
Farming, forestry, and fishing .....	404	129	169	106	44	62	15.9	8.6	
<b>INDUSTRY<sup>1</sup></b>									
Agriculture .....	286	114	111	61	23	38	14.1	7.5	
Construction .....	1,050	472	329	249	125	124	13.4	6.2	
Manufacturing .....	1,084	393	305	387	186	201	17.8	8.7	
Durable goods .....	542	210	134	197	85	112	18.2	8.5	
Nondurable goods .....	542	182	170	189	101	88	17.5	8.8	
Transportation and public utilities .....	432	178	92	161	71	90	17.8	8.5	
Wholesale and retail trade .....	1,910	870	486	554	242	312	15.5	6.9	
Finance, insurance, and real estate .....	239	85	91	63	34	29	15.7	8.9	
Services .....	2,022	826	566	630	295	334	16.2	7.6	
Public administration .....	136	40	30	65	33	33	25.5	10.4	
No previous work experience .....	485	152	135	198	75	123	19.5	10.1	

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

**A-34. Persons not in the labor force by desire and availability for work, age, and sex**

(In thousands)

Category	January 1995					
	Total	Age			Sex	
		16 to 24 years	25 to 54 years	55 years and over	Men	Women
Total not in the labor force .....	67,055	11,769	18,926	36,359	24,152	42,902
Do not want a job now <sup>1</sup> .....	61,056	9,677	15,997	35,381	21,745	39,310
Want a job <sup>1</sup> .....	5,999	2,092	2,929	978	2,407	3,592
Did not search for work in previous year .....	3,521	1,170	1,623	728	1,321	2,200
Searched for work in previous year <sup>2</sup> .....	2,478	921	1,306	250	1,086	1,392
Not available to work now .....	695	311	341	43	265	430
Available to work now .....	1,783	611	965	207	821	962
Reason not currently looking:						
Discouragement over job prospects <sup>3</sup> .....	440	104	273	63	248	192
Reasons other than discouragement .....	1,343	506	692	144	573	770
Family responsibilities .....	204	29	160	15	31	173
In school or training .....	267	209	58	-	145	122
Ill health or disability .....	134	22	90	22	58	76
Other <sup>4</sup> .....	738	247	384	107	339	399

<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 non participation was not ascertained.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**A-35. Multiple jobholders by selected demographic and economic characteristics**

(Numbers in thousands)

Characteristic	January 1995					
	Both sexes		Men		Women	
	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>	Number	Rate <sup>1</sup>
<b>AGE</b>						
Total, 16 years and over <sup>2</sup> .....	7,156	5.8	3,855	5.8	3,301	5.8
16 to 19 years .....	264	4.6	104	3.6	160	5.5
20 years and over .....	6,892	5.9	3,750	5.9	3,142	5.8
20 to 24 years .....	812	6.6	399	6.2	413	7.0
25 years and over .....	6,080	5.8	3,352	5.9	2,728	5.7
25 to 54 years .....	5,449	6.1	2,975	6.2	2,474	6.0
55 years and over .....	631	4.2	377	4.5	254	3.8
55 to 64 years .....	503	4.4	287	4.6	216	4.2
65 years and over .....	128	3.6	90	4.3	38	2.6
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	6,297	6.0	3,431	6.0	2,866	6.0
Black .....	626	4.9	302	4.8	324	4.9
Hispanic origin .....	398	3.8	251	3.9	148	3.5
<b>MARITAL STATUS</b>						
Married, spouse present .....	4,117	5.7	2,521	6.1	1,596	5.1
Widowed, divorced, or separated .....	1,139	6.1	379	5.1	760	6.7
Single (never married) .....	1,900	6.1	955	5.5	945	6.9
<b>FULL- OR PART-TIME STATUS</b>						
Primary job full time, secondary job part time .....	4,288	-	2,616	-	1,673	-
Primary and secondary jobs both part time .....	1,533	-	456	-	1,077	-
Primary and secondary jobs both full time .....	233	-	176	-	57	-
Hours vary on primary or secondary job .....	1,074	-	596	-	478	-

<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.

**A-36. Employment status of male Vietnam-era veterans and nonveterans by age**

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Jan. 1994	Jan. 1995	Total		Employed		Unemployed			
			Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995	Number		Percent of labor force	
							Jan. 1994	Jan. 1995	Jan. 1994	Jan. 1995
<b>VIETNAM-ERA VETERANS</b>										
Total, 40 years and over .....	7,374	7,528	6,477	6,528	6,162	6,265	315	263	4.9	4.0
40 to 54 years .....	6,507	6,555	5,962	6,006	5,661	5,764	301	242	5.1	4.0
40 to 44 years .....	1,957	1,635	1,792	1,504	1,675	1,427	117	77	6.5	5.1
45 to 49 years .....	3,181	3,248	2,952	2,992	2,835	2,881	117	111	3.9	3.7
50 to 54 years .....	1,369	1,671	1,218	1,510	1,150	1,456	68	54	5.6	3.6
55 years and over .....	867	973	515	522	501	501	14	21	2.8	4.0
<b>NONVETERANS</b>										
Total, 40 to 54 years .....	15,788	16,721	14,212	15,033	13,428	14,390	784	643	5.5	4.3
40 to 44 years .....	7,311	7,830	6,735	7,267	6,349	6,917	387	350	5.7	4.8
45 to 49 years .....	4,601	4,933	4,114	4,411	3,903	4,251	211	160	5.1	3.6
50 to 54 years .....	3,877	3,959	3,363	3,354	3,177	3,222	186	132	5.5	3.9

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans

are men who have never served in the Armed Forces.

**ESTABLISHMENT DATA  
HISTORICAL EMPLOYMENT**

**B-1. Employees on nonfarm payrolls by major industry, 1944 to date**

(In thousands)

Year and month	Total	Total private	Goods-producing				Service-producing						Government		
			Total	Mining	Construction	Manufacturing	Total	Transportation and public utilities	Wholesale trade	Retail trade	Finance, insurance, and real estate	Services	Federal	State	Local
Annual averages															
1944	41,864	35,822	19,328	892	1,108	17,328	22,536	3,829	1,851	5,208	1,461	4,145	2,928	( <sup>1</sup> )	( <sup>1</sup> )
1945	40,374	34,431	17,507	836	1,147	15,524	22,869	3,906	1,955	5,359	1,481	4,222	2,808	( <sup>1</sup> )	( <sup>1</sup> )
1946	41,652	36,056	17,248	862	1,683	14,703	24,404	4,061	2,298	6,077	1,675	4,697	2,254	( <sup>1</sup> )	( <sup>1</sup> )
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,166	2,478	6,477	1,728	5,025	1,892	( <sup>1</sup> )	( <sup>1</sup> )
1948	44,866	39,216	18,774	994	2,198	15,582	26,092	4,189	2,612	6,659	1,800	5,181	1,863	( <sup>1</sup> )	( <sup>1</sup> )
1949	43,754	37,897	17,565	930	2,194	14,441	26,189	4,001	2,610	6,654	1,828	5,239	1,908	( <sup>1</sup> )	( <sup>1</sup> )
1950	45,197	39,170	18,506	901	2,364	15,241	26,691	4,034	2,643	6,743	1,888	5,356	1,928	( <sup>1</sup> )	( <sup>1</sup> )
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	( <sup>1</sup> )	( <sup>1</sup> )
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	( <sup>1</sup> )	( <sup>1</sup> )
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	( <sup>1</sup> )	( <sup>1</sup> )
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	( <sup>1</sup> )	( <sup>1</sup> )
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	4,230
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	20,641	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	20,450	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	56,300	4,582	4,562	13,193	4,271	14,551	2,733	3,273	8,865
1977	82,471	67,344	24,346	813	3,851	19,682	58,125	4,713	4,723	13,792	4,467	15,302	2,727	3,377	9,023
1978	86,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,985	14,556	4,724	16,252	2,753	3,474	9,446
1979	89,823	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	105,210	87,824	25,125	713	5,098	19,314	80,066	5,514	6,030	19,023	6,630	25,504	2,971	4,076	10,339
1989	107,895	90,117	25,254	692	5,171	19,391	82,642	5,625	6,187	19,475	6,668	26,907	2,988	4,182	10,609
1990	109,419	91,115	24,905	709	5,120	19,076	84,514	5,793	6,173	19,601	6,709	27,934	3,085	4,305	10,914
1991	108,256	89,854	23,745	689	4,650	18,406	84,511	5,762	6,081	19,284	6,646	28,336	2,966	4,355	11,081
1992	108,604	89,959	23,231	635	4,492	18,104	85,373	5,721	5,997	19,356	6,602	29,052	2,969	4,408	11,267
1993	110,525	91,708	23,256	611	4,642	18,003	87,269	5,787	5,958	19,717	6,712	30,278	2,915	4,484	11,417
1994 <sup>3</sup>	113,427	94,386	23,583	605	4,916	18,063	89,844	5,843	6,059	20,309	6,789	31,803	2,870	4,553	11,618
Monthly data, seasonally adjusted															
<b>1994:</b>															
January	111,711	92,810	23,328	616	4,744	17,968	88,383	5,793	5,990	19,924	6,771	31,004	2,893	4,492	11,516
February	111,919	93,003	23,327	612	4,745	17,970	88,592	5,803	6,003	19,965	6,776	31,129	2,892	4,511	11,513
March	112,298	93,357	23,395	609	4,806	17,980	88,903	5,816	6,013	20,026	6,781	31,326	2,884	4,520	11,537
April	112,699	93,718	23,506	606	4,893	18,007	89,193	5,759	6,028	20,137	6,791	31,497	2,882	4,534	11,565
May	112,951	93,937	23,519	603	4,907	18,009	89,432	5,843	6,037	20,153	6,787	31,598	2,870	4,533	11,611
June	113,334	94,316	23,576	605	4,927	18,044	89,758	5,849	6,049	20,279	6,798	31,765	2,859	4,539	11,620
July	113,624	94,601	23,590	601	4,944	18,045	90,034	5,857	6,053	20,386	6,797	31,918	2,859	4,568	11,596
August	113,914	94,827	23,640	603	4,942	18,095	90,274	5,866	6,079	20,405	6,801	32,036	2,858	4,585	11,644
September	114,186	95,035	23,673	605	4,972	18,096	90,513	5,865	6,095	20,470	6,794	32,138	2,863	4,593	11,695
October	114,348	95,228	23,715	599	4,974	18,142	90,633	5,867	6,106	20,523	6,786	32,231	2,858	4,581	11,681
November	114,882	95,692	23,827	600	5,044	18,183	91,055	5,888	6,117	20,655	6,791	32,414	2,854	4,586	11,750
December <sup>4</sup>	115,092	95,929	23,858	596	5,044	18,218	91,234	5,915	6,132	20,736	6,791	32,497	2,869	4,590	11,704
<b>1995:</b>															
January <sup>5</sup>	115,226	96,095	23,927	599	5,071	18,257	91,299	5,930	6,148	20,748	6,792	32,550	2,841	4,581	11,709

<sup>1</sup> Not available.

<sup>2</sup> Data include Alaska and Hawaii beginning in 1959. This inclusion resulted in an increase of 212,000 (0.4 percent) in the nonfarm total for the March 1959 benchmark month.

<sup>3</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1993 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1993) and all seasonally adjusted data (beginning January 1990) are subject to revision.

**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
Annual averages									
1964 .....	38.7	\$2.36	\$91.33	41.9	\$2.81	\$117.74	37.2	\$3.55	\$132.06
1965 .....	38.8	2.46	95.45	42.3	2.92	123.52	37.4	3.70	138.38
1966 .....	38.6	2.56	98.82	42.7	3.05	130.24	37.6	3.89	146.26
1967 .....	38.0	2.68	101.84	42.6	3.19	135.89	37.7	4.11	154.95
1968 .....	37.8	2.85	107.73	42.6	3.35	142.71	37.3	4.41	164.49
1969 .....	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970 .....	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971 .....	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972 .....	37.0	3.70	136.90	42.6	4.44	189.14	36.5	6.06	221.19
1973 .....	36.9	3.94	145.39	42.4	4.75	201.40	36.8	6.41	235.89
1974 .....	36.5	4.24	154.76	41.9	5.23	219.14	36.6	6.81	249.25
1975 .....	36.1	4.53	163.53	41.9	5.95	249.31	36.4	7.31	266.08
1976 .....	36.1	4.86	175.45	42.4	6.46	273.90	36.8	7.71	283.73
1977 .....	36.0	5.25	189.00	43.4	6.94	301.20	36.5	8.10	295.65
1978 .....	35.8	5.69	203.70	43.4	7.67	332.88	36.8	8.66	318.69
1979 .....	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980 .....	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981 .....	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982 .....	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983 .....	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984 .....	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985 .....	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.32	464.46
1986 .....	34.8	8.76	304.85	42.2	12.46	525.81	37.4	12.48	466.75
1987 .....	34.8	8.98	312.50	42.4	12.54	531.70	37.8	12.71	480.44
1988 .....	34.7	9.28	322.02	42.3	12.80	541.44	37.9	13.08	495.73
1989 .....	34.6	9.66	334.24	43.0	13.26	570.18	37.9	13.54	513.17
1990 .....	34.5	10.01	345.35	44.1	13.68	603.29	38.2	13.77	526.01
1991 .....	34.3	10.32	353.98	44.4	14.19	630.04	38.1	14.00	533.40
1992 .....	34.4	10.57	363.61	43.9	14.54	638.31	38.0	14.15	537.70
1993 .....	34.5	10.83	373.64	44.3	14.60	646.78	38.4	14.37	551.81
1994 <sup>p</sup> .....	34.6	11.12	384.75	44.7	14.89	665.58	38.8	14.69	569.97
Monthly data, not seasonally adjusted									
<b>1994:</b>									
January .....	34.3	\$11.06	\$379.36	44.1	\$15.06	\$664.15	37.0	\$14.41	\$533.17
February .....	34.0	11.06	376.04	43.7	14.92	652.00	36.1	14.45	521.65
March .....	34.4	11.04	379.78	44.0	14.84	652.96	38.1	14.44	550.16
April .....	34.5	11.07	381.92	44.5	14.96	665.72	38.3	14.49	554.97
May .....	34.8	11.09	385.93	44.4	14.83	658.45	39.7	14.59	579.22
June .....	34.8	11.03	383.84	44.8	14.73	659.90	39.6	14.57	576.97
July .....	34.9	11.04	385.30	44.9	14.73	661.38	39.7	14.72	584.38
August .....	34.9	11.04	385.30	45.1	14.69	662.52	39.7	14.76	585.97
September .....	34.7	11.21	388.99	45.4	14.93	677.82	39.9	14.94	596.11
October .....	34.9	11.26	392.97	45.2	14.91	673.93	39.5	15.03	593.69
November .....	34.5	11.26	388.47	45.4	14.97	679.64	38.4	14.85	570.24
December <sup>p</sup> .....	34.8	11.27	392.20	45.1	15.10	681.01	38.7	14.80	572.76
<b>1995:</b>									
January <sup>p</sup> .....	34.4	11.37	391.13	44.7	15.24	681.23	37.8	14.66	554.15

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	38.8	12.26	475.69	38.1	9.98	380.24
1989 .....	41.0	10.48	10.02	429.68	38.9	12.60	490.14	38.0	10.39	394.82
1990 .....	40.8	10.83	10.37	441.86	38.9	12.97	504.53	38.1	10.79	411.10
1991 .....	40.7	11.18	10.71	455.03	38.7	13.22	511.61	38.1	11.15	424.82
1992 .....	41.0	11.46	10.95	469.86	38.9	13.45	523.21	38.2	11.39	435.10
1993 .....	41.4	11.74	11.18	486.04	39.6	13.63	539.75	38.2	11.73	448.09
1994 <sup>p</sup> .....	42.0	12.06	11.42	506.52	39.9	13.88	553.81	38.3	12.01	459.98
	Monthly data, not seasonally adjusted									
<b>1994:</b>										
January .....	41.5	\$11.96	\$11.38	\$496.34	39.6	\$13.83	\$547.67	38.2	\$11.95	\$456.49
February .....	40.9	12.00	11.42	490.80	39.4	13.85	545.69	37.9	11.93	452.15
March .....	41.9	11.99	11.38	502.38	39.5	13.80	545.10	38.1	11.87	452.25
April .....	42.0	12.01	11.39	504.42	39.9	13.78	549.82	38.3	11.99	459.22
May .....	42.0	12.01	11.39	504.42	40.0	13.76	550.40	38.6	11.98	462.43
June .....	42.2	12.03	11.39	507.67	40.1	13.72	550.17	38.5	11.94	459.69
July .....	41.6	12.04	11.42	500.86	40.3	13.84	557.75	38.4	12.00	460.80
August .....	42.0	12.01	11.35	504.42	40.2	13.86	557.17	38.3	11.96	458.07
September .....	42.4	12.14	11.45	514.74	40.1	13.93	558.59	38.4	12.05	462.72
October .....	42.3	12.10	11.44	511.83	40.2	14.03	564.01	38.7	12.15	470.21
November .....	42.5	12.17	11.50	517.23	39.8	14.09	560.78	38.3	12.11	463.81
December <sup>p</sup> .....	42.9	12.26	11.57	525.95	39.7	14.09	559.37	38.4	12.16	466.94
<b>1995:</b>										
January <sup>p</sup> .....	41.9	12.25	11.62	513.28	39.5	14.18	560.11	38.2	12.25	467.95

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
Annual averages									
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	10.79	350.68
1994 <sup>p</sup> .....	28.9	7.49	216.46	35.8	11.83	423.51	32.5	11.07	359.78
Monthly data, not seasonally adjusted									
<b>1994:</b>									
January .....	28.2	\$7.45	\$210.09	36.4	\$11.79	\$429.16	32.5	\$11.06	\$359.45
February .....	28.1	7.45	209.35	35.8	11.77	421.37	32.2	11.05	355.81
March .....	28.5	7.45	212.33	35.6	11.75	418.30	32.3	11.02	355.95
April .....	28.7	7.47	214.39	35.7	11.81	421.62	32.4	11.01	356.72
May .....	28.9	7.47	215.88	36.1	11.84	427.42	32.7	11.03	360.68
June .....	29.3	7.45	218.29	35.5	11.67	414.29	32.5	10.92	354.90
July .....	29.7	7.44	220.97	35.7	11.72	418.40	32.8	10.92	358.18
August .....	29.7	7.43	220.67	35.5	11.73	416.42	32.7	10.92	357.08
September .....	28.9	7.54	217.91	35.4	11.85	419.49	32.4	11.13	360.61
October .....	29.1	7.57	220.29	36.2	12.02	435.12	32.8	11.22	368.02
November .....	28.7	7.57	217.26	35.5	11.97	424.94	32.4	11.23	363.85
December <sup>p</sup> .....	29.3	7.59	222.39	35.7	12.02	429.11	32.4	11.30	366.12
<b>1995:</b>									
January <sup>p</sup> .....	28.4	7.66	217.54	36.4	12.19	443.72	32.4	11.43	370.33

<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 1993 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1993 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	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>	Jan. <sup>P</sup>
<b>Total</b> .....	111,711	111,919	112,298	112,699	112,951	113,334	113,624	113,914	114,186	114,348	114,882	115,092	115,226
<b>Total private</b> .....	92,810	93,003	93,357	93,718	93,937	94,316	94,601	94,827	95,035	95,228	95,692	95,929	96,095
<b>Goods-producing</b> .....	23,328	23,327	23,395	23,506	23,519	23,576	23,590	23,640	23,673	23,715	23,827	23,858	23,927
<b>Mining</b> <sup>1</sup> .....	616	612	609	606	603	605	601	603	605	599	600	596	599
Metal mining .....	50	50	50	50	50	50	51	52	51	51	52	52	52
Oil and gas extraction .....	349	346	344	342	338	339	335	336	341	335	332	329	331
Nonmetallic minerals, except fuels .....	102	101	100	100	101	101	101	101	101	101	102	102	104
<b>Construction</b> .....	4,744	4,745	4,806	4,893	4,907	4,927	4,944	4,942	4,972	4,974	5,044	5,044	5,071
General building contractors .....	1,139	1,134	1,152	1,163	1,161	1,165	1,161	1,166	1,172	1,180	1,194	1,197	1,201
Heavy construction, except building .....	713	709	710	725	723	725	733	725	727	716	727	722	729
Special trade contractors .....	2,892	2,902	2,944	3,005	3,023	3,037	3,050	3,051	3,073	3,078	3,123	3,125	3,141
<b>Manufacturing</b> .....	17,968	17,970	17,980	18,007	18,009	18,044	18,045	18,095	18,096	18,142	18,183	18,218	18,257
<b>Durable goods</b> .....	10,182	10,182	10,190	10,216	10,217	10,253	10,249	10,290	10,306	10,335	10,371	10,400	10,426
Lumber and wood products .....	723	723	723	726	726	730	732	734	735	737	743	745	748
Furniture and fixtures .....	492	492	493	493	495	496	500	496	496	497	500	501	502
Stone, clay, and glass products .....	521	521	523	529	528	529	530	531	531	533	535	536	539
Primary metal industries .....	679	680	680	678	679	684	686	686	690	695	699	701	702
Blast furnaces and basic steel products .....	238	236	235	231	230	234	234	232	233	235	235	235	235
Fabricated metal products .....	1,345	1,345	1,348	1,353	1,357	1,365	1,368	1,373	1,373	1,381	1,388	1,397	1,407
Industrial machinery and equipment .....	1,922	1,925	1,927	1,938	1,940	1,947	1,942	1,952	1,956	1,957	1,963	1,967	1,978
Electronic and other electrical equipment .....	1,524	1,528	1,535	1,542	1,540	1,550	1,551	1,561	1,567	1,567	1,574	1,583	1,583
Transportation equipment .....	1,730	1,726	1,723	1,719	1,718	1,724	1,712	1,727	1,731	1,741	1,741	1,743	1,745
Motor vehicles and equipment .....	874	868	867	870	868	876	875	893	898	909	911	914	930
Aircraft and parts .....	502	496	491	486	484	480	475	472	468	467	464	462	457
Instruments and related products .....	871	868	864	861	858	853	849	850	848	845	846	844	840
Miscellaneous manufacturing .....	375	374	374	377	376	375	379	380	379	382	382	383	382
<b>Nondurable goods</b> .....	7,786	7,788	7,790	7,791	7,792	7,791	7,796	7,805	7,790	7,807	7,812	7,818	7,831
Food and kindred products .....	1,667	1,672	1,670	1,667	1,665	1,666	1,668	1,666	1,661	1,662	1,670	1,669	1,675
Tobacco products .....	41	40	41	41	40	39	38	40	38	39	38	38	38
Textile mill products .....	672	673	674	673	671	671	672	672	669	672	674	672	670
Apparel and other textile products .....	956	954	956	955	958	957	954	958	957	956	948	945	940
Paper and allied products .....	686	685	684	684	684	683	684	683	680	684	685	686	688
Printing and publishing .....	1,517	1,518	1,521	1,523	1,524	1,528	1,531	1,535	1,533	1,537	1,538	1,543	1,543
Chemicals and allied products .....	1,065	1,062	1,059	1,057	1,056	1,054	1,053	1,050	1,049	1,049	1,046	1,047	1,048
Petroleum and coal products .....	148	148	147	148	148	147	147	149	149	149	149	149	149
Rubber and misc. plastics products .....	917	920	922	927	931	932	935	938	941	946	951	955	965
Leather and leather products .....	117	116	116	116	115	114	114	114	113	113	113	114	115
<b>Service-producing</b> .....	88,383	88,592	88,903	89,193	89,432	89,758	90,034	90,274	90,513	90,633	91,055	91,234	91,299
<b>Transportation and public utilities</b> .....	5,793	5,803	5,816	5,759	5,843	5,849	5,857	5,866	5,865	5,867	5,888	5,915	5,930
Transportation .....	3,611	3,622	3,638	3,582	3,664	3,677	3,687	3,691	3,694	3,694	3,712	3,738	3,757
Railroad transportation .....	247	248	248	246	243	246	245	241	245	245	248	247	245
Local and interurban passenger transit .....	377	380	382	386	383	389	391	397	390	390	393	396	398
Trucking and warehousing .....	1,705	1,711	1,721	1,665	1,753	1,764	1,768	1,772	1,775	1,773	1,782	1,795	1,805
Water transportation .....	165	166	168	166	169	166	169	165	167	166	165	165	169
Transportation by air .....	739	739	739	738	733	729	728	729	729	730	732	740	741
Pipelines, except natural gas .....	18	18	18	18	18	18	17	18	18	18	18	17	17
Transportation services .....	360	360	362	363	365	365	369	369	370	372	374	378	382
Communications and public utilities .....	2,182	2,181	2,178	2,177	2,179	2,172	2,170	2,175	2,171	2,173	2,176	2,177	2,173
Communications .....	1,249	1,249	1,248	1,250	1,254	1,253	1,254	1,261	1,257	1,260	1,261	1,264	1,265
Electric, gas, and sanitary services .....	933	932	930	927	925	919	916	914	914	913	915	913	908

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	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>	Jan. <sup>P</sup>
<b>Wholesale trade</b> .....	5,990	6,003	6,013	6,028	6,037	6,049	6,053	6,079	6,095	6,106	6,117	6,132	6,148
Durable goods .....	3,424	3,430	3,434	3,445	3,449	3,457	3,461	3,471	3,476	3,484	3,493	3,503	3,515
Nondurable goods .....	2,566	2,573	2,579	2,583	2,588	2,592	2,592	2,608	2,619	2,622	2,624	2,629	2,633
<b>Retail trade</b> .....	19,924	19,965	20,026	20,137	20,153	20,279	20,386	20,405	20,470	20,523	20,655	20,736	20,748
Building materials and garden supplies .....	808	812	818	829	833	838	842	844	848	852	859	863	873
General merchandise stores .....	2,421	2,433	2,432	2,442	2,438	2,443	2,457	2,476	2,484	2,506	2,557	2,549	2,524
Food stores .....	3,215	3,223	3,232	3,229	3,240	3,234	3,247	3,254	3,248	3,252	3,267	3,288	3,292
Automotive dealers and service stations .....	2,084	2,101	2,117	2,132	2,139	2,143	2,145	2,159	2,171	2,180	2,194	2,204	2,218
Apparel and accessory stores .....	1,146	1,148	1,154	1,146	1,144	1,145	1,149	1,148	1,154	1,158	1,152	1,148	1,150
Furniture and home furnishings stores .....	855	862	866	876	879	885	897	905	914	925	936	936	948
Eating and drinking places .....	6,928	6,915	6,928	6,995	6,993	7,084	7,129	7,105	7,111	7,115	7,148	7,209	7,200
Miscellaneous retail establishments .....	2,467	2,471	2,479	2,488	2,487	2,507	2,520	2,514	2,540	2,535	2,542	2,539	2,543
<b>Finance, insurance, and real estate</b> .....	6,771	6,776	6,781	6,791	6,787	6,798	6,797	6,801	6,794	6,786	6,791	6,791	6,792
Finance .....	3,252	3,254	3,256	3,259	3,257	3,263	3,261	3,259	3,251	3,246	3,246	3,245	3,243
Depository institutions .....	2,057	2,050	2,044	2,042	2,039	2,041	2,042	2,040	2,036	2,037	2,036	2,033	2,029
Nondepository institutions .....	477	483	486	487	486	484	480	476	472	466	462	459	458
Security and commodity brokers .....	489	492	496	499	501	505	506	508	508	507	511	513	515
Holding and other investment offices .....	229	229	230	231	231	233	233	235	235	236	237	240	241
Insurance .....	2,187	2,186	2,185	2,189	2,185	2,184	2,182	2,180	2,178	2,177	2,175	2,172	2,168
Insurance carriers .....	1,525	1,525	1,524	1,527	1,522	1,521	1,517	1,515	1,512	1,509	1,506	1,502	1,497
Insurance agents, brokers, and service .....	662	661	661	662	663	663	665	665	666	668	669	670	671
Real estate .....	1,332	1,336	1,340	1,343	1,345	1,351	1,354	1,362	1,365	1,363	1,370	1,374	1,381
<b>Services<sup>1</sup></b> .....	31,004	31,129	31,326	31,497	31,598	31,765	31,918	32,036	32,138	32,231	32,414	32,497	32,550
Agricultural services .....	539	530	528	537	548	551	554	559	561	564	569	571	558
Hotels and other lodging places .....	1,602	1,599	1,608	1,608	1,609	1,626	1,627	1,619	1,609	1,594	1,588	1,596	1,597
Personal services .....	1,149	1,143	1,138	1,137	1,129	1,133	1,134	1,139	1,138	1,138	1,135	1,130	1,143
Business services .....	6,092	6,161	6,244	6,318	6,341	6,416	6,488	6,538	6,593	6,626	6,733	6,770	6,790
Personnel supply services .....	2,130	2,173	2,230	2,282	2,286	2,334	2,375	2,388	2,418	2,425	2,498	2,518	2,547
Auto repair, services, and parking .....	992	1,002	1,017	1,026	1,029	1,041	1,045	1,058	1,065	1,073	1,083	1,091	1,097
Miscellaneous repair services .....	373	375	375	377	379	380	381	382	382	384	387	388	390
Motion pictures .....	435	443	450	465	472	474	482	493	502	515	530	533	545
Amusement and recreation services .....	1,251	1,252	1,271	1,275	1,282	1,287	1,278	1,266	1,254	1,272	1,272	1,261	1,240
Health services .....	8,909	8,922	8,959	8,985	8,998	9,025	9,043	9,076	9,084	9,106	9,118	9,144	9,159
Hospitals .....	3,788	3,787	3,791	3,794	3,794	3,787	3,787	3,790	3,791	3,790	3,790	3,795	3,796
Legal services .....	937	939	940	941	942	938	941	942	946	945	949	950	951
Educational services .....	1,710	1,720	1,730	1,733	1,744	1,741	1,747	1,747	1,761	1,761	1,770	1,771	1,765
Social services .....	2,162	2,175	2,190	2,205	2,224	2,242	2,267	2,285	2,296	2,300	2,313	2,324	2,336
Museums and botanical and zoological gardens .....	77	78	78	79	79	79	80	80	79	79	80	80	80
Membership organizations .....	2,042	2,041	2,044	2,047	2,051	2,055	2,056	2,056	2,062	2,064	2,065	2,058	2,058
Engineering and management services .....	2,560	2,575	2,580	2,590	2,597	2,603	2,620	2,621	2,632	2,635	2,647	2,655	2,665
<b>Government</b> .....	18,901	18,916	18,941	18,981	19,014	19,018	19,023	19,087	19,151	19,120	19,190	19,163	19,131
Federal .....	2,893	2,892	2,884	2,882	2,870	2,859	2,859	2,858	2,863	2,858	2,854	2,869	2,841
State .....	4,492	4,511	4,520	4,534	4,533	4,539	4,568	4,585	4,593	4,581	4,586	4,590	4,581
Education .....	1,824	1,838	1,846	1,850	1,849	1,850	1,876	1,886	1,890	1,875	1,878	1,880	1,871
Other State government .....	2,668	2,673	2,674	2,684	2,684	2,689	2,692	2,699	2,703	2,706	2,708	2,710	2,710
Local .....	11,516	11,513	11,537	11,565	11,611	11,620	11,596	11,644	11,695	11,681	11,750	11,704	11,709
Education .....	6,404	6,392	6,410	6,436	6,445	6,461	6,478	6,536	6,547	6,532	6,531	6,539	6,555
Other local government .....	5,112	5,121	5,127	5,129	5,166	5,159	5,118	5,108	5,148	5,149	5,219	5,165	5,154

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

<sup>P</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from

March 1993 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1990 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	1993		1994										
	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<b>Total</b> .....	53,843	53,969	53,981	54,097	54,246	54,477	54,653	54,808	54,887	55,066	55,205	55,281	55,560
<b>Total private</b> .....	43,616	43,713	43,730	43,828	43,959	44,160	44,280	44,464	44,573	44,689	44,788	44,869	45,073
<b>Goods-producing</b> .....	6,482	6,480	6,475	6,482	6,490	6,506	6,515	6,530	6,527	6,558	6,561	6,576	6,586
<b>Mining</b> .....	88	89	87	86	87	86	86	86	85	86	86	85	84
<b>Construction</b> .....	524	525	526	528	532	539	539	543	544	547	553	555	560
<b>Manufacturing</b> .....	5,870	5,866	5,862	5,868	5,871	5,881	5,890	5,901	5,898	5,925	5,922	5,936	5,942
<b>Durable goods</b> .....	2,681	2,683	2,685	2,688	2,691	2,700	2,705	2,713	2,708	2,728	2,731	2,740	2,749
Lumber and wood products .....	116	117	117	118	117	119	119	120	121	122	122	124	124
Furniture and fixtures .....	148	149	149	150	150	150	151	152	154	153	154	155	156
Stone, clay, and glass products .....	102	102	103	103	103	104	103	102	103	103	103	104	103
Primary metal industries .....	92	92	93	93	94	93	95	95	95	96	97	97	99
Fabricated metal products .....	294	294	296	296	297	298	299	301	301	303	303	305	307
Industrial machinery and equipment .....	413	413	413	414	416	418	420	424	421	426	426	426	426
Electronic and other electrical equipment .....	642	643	642	644	645	649	649	652	650	656	657	659	660
Transportation equipment .....	347	348	348	349	349	348	348	349	343	351	351	352	355
Instruments and related products .....	358	356	355	354	353	352	352	350	349	347	347	346	347
Miscellaneous manufacturing .....	169	169	169	167	167	169	169	168	171	171	171	172	172
<b>Nondurable goods</b> .....	3,189	3,183	3,177	3,180	3,180	3,181	3,185	3,188	3,190	3,197	3,191	3,196	3,193
Food and kindred products .....	542	540	538	541	543	541	541	542	544	544	538	541	545
Tobacco products .....	14	14	13	13	13	13	13	12	12	13	12	12	12
Textile mill products .....	318	318	319	319	319	318	317	317	317	318	316	317	317
Apparel and other textile products .....	743	737	733	732	732	732	733	732	729	732	732	730	723
Paper and allied products .....	167	167	167	166	165	165	164	165	165	164	164	165	165
Printing and publishing .....	672	673	673	674	676	677	678	682	683	686	685	688	687
Chemicals and allied products .....	336	337	335	334	332	332	334	333	333	332	331	331	331
Petroleum and coal products .....	24	24	24	24	24	24	25	24	25	25	26	25	25
Rubber and misc. plastics products .....	308	308	310	312	312	315	316	317	318	320	323	324	325
Leather and leather products .....	65	65	65	65	64	64	64	64	64	63	64	63	63
<b>Service-producing</b> .....	47,361	47,489	47,506	47,615	47,756	47,971	48,138	48,278	48,360	48,508	48,644	48,705	48,974
<b>Transportation and public utilities</b> .....	1,705	1,701	1,697	1,698	1,700	1,699	1,709	1,708	1,713	1,720	1,718	1,723	1,731
<b>Wholesale trade</b> .....	1,824	1,825	1,831	1,834	1,839	1,846	1,850	1,852	1,853	1,862	1,870	1,872	1,876
<b>Retail trade</b> .....	10,484	10,512	10,513	10,533	10,554	10,601	10,635	10,691	10,755	10,766	10,797	10,815	10,879
<b>Finance, insurance, and real estate</b> .....	4,278	4,285	4,281	4,284	4,288	4,293	4,291	4,299	4,295	4,291	4,280	4,276	4,279
<b>Services</b> .....	18,843	18,910	18,933	18,997	19,088	19,215	19,280	19,384	19,430	19,492	19,562	19,607	19,722
<b>Government</b> .....	10,227	10,256	10,251	10,269	10,287	10,317	10,373	10,344	10,314	10,377	10,417	10,412	10,487
Federal .....	1,204	1,210	1,203	1,205	1,203	1,203	1,198	1,192	1,190	1,193	1,196	1,194	1,191
State .....	2,255	2,259	2,246	2,259	2,267	2,273	2,277	2,258	2,282	2,289	2,299	2,298	2,298
Local .....	6,768	6,787	6,802	6,805	6,817	6,841	6,898	6,894	6,842	6,895	6,922	6,920	6,998

NOTE: Establishment survey estimates are currently projected from March 1993 benchmark levels. When more recent benchmark data are introduced,

all seasonally adjusted data from January 1990 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	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>p</sup>	Jan. <sup>p</sup>
<b>Total private</b> .....	75,588	75,783	76,129	76,487	76,690	77,028	77,233	77,439	77,625	77,793	78,183	78,385	78,509
<b>Goods-producing</b> .....	16,408	16,430	16,507	16,615	16,615	16,674	16,689	16,729	16,759	16,802	16,907	16,950	16,999
<b>Mining</b> .....	433	432	430	428	427	431	430	433	434	433	430	428	433
<b>Construction</b> .....	3,655	3,657	3,719	3,796	3,796	3,814	3,828	3,818	3,840	3,842	3,902	3,907	3,928
<b>Manufacturing</b> .....	12,320	12,341	12,358	12,391	12,392	12,429	12,431	12,478	12,485	12,527	12,575	12,615	12,638
<b>Durable goods</b> .....	6,869	6,881	6,892	6,924	6,930	6,966	6,969	7,007	7,021	7,054	7,094	7,124	7,133
Lumber and wood products .....	597	597	597	600	601	603	604	606	606	609	614	616	616
Furniture and fixtures .....	389	389	391	390	392	393	395	394	394	394	397	398	398
Stone, clay, and glass products .....	402	402	404	409	408	409	410	410	409	411	414	415	417
Primary metal industries .....	519	521	521	520	521	526	528	529	533	538	541	544	542
Blast furnaces and basic steel products .....	181	180	179	175	175	177	178	177	178	179	180	180	179
Fabricated metal products .....	998	1,000	1,004	1,009	1,012	1,020	1,021	1,026	1,026	1,035	1,042	1,049	1,058
Industrial machinery and equipment .....	1,179	1,185	1,187	1,197	1,200	1,207	1,209	1,216	1,221	1,226	1,230	1,233	1,239
Electronic and other electrical equipment .....	976	980	982	991	990	998	997	1,007	1,012	1,011	1,019	1,029	1,026
Transportation equipment .....	1,117	1,116	1,115	1,117	1,118	1,124	1,117	1,132	1,136	1,146	1,151	1,154	1,151
Motor vehicles and equipment .....	670	669	667	672	669	677	675	693	697	706	709	712	718
Instruments and related products .....	425	425	424	423	421	418	417	415	415	413	414	415	414
Miscellaneous manufacturing .....	267	266	267	268	267	268	271	272	269	271	272	271	272
<b>Nondurable goods</b> .....	5,451	5,460	5,466	5,467	5,462	5,463	5,462	5,471	5,464	5,473	5,481	5,491	5,505
Food and kindred products .....	1,221	1,226	1,229	1,224	1,222	1,219	1,221	1,221	1,217	1,215	1,225	1,226	1,233
Tobacco products .....	31	30	31	31	31	30	29	31	30	30	29	30	30
Textile mill products .....	572	573	574	572	571	571	569	570	567	569	571	570	569
Apparel and other textile products .....	800	799	801	801	801	800	797	800	800	801	793	791	787
Paper and allied products .....	518	518	517	518	518	518	518	518	516	518	520	519	523
Printing and publishing .....	835	836	837	838	835	839	841	843	842	844	843	847	846
Chemicals and allied products .....	575	575	573	574	573	574	573	570	573	574	574	574	581
Petroleum and coal products .....	96	95	95	96	96	96	96	97	96	97	97	96	94
Rubber and misc. plastics products .....	710	715	717	720	724	725	728	730	733	736	740	745	751
Leather and leather products .....	93	93	92	93	91	91	90	91	90	89	89	91	91
<b>Service-producing</b> .....	59,180	59,353	59,622	59,872	60,075	60,354	60,544	60,710	60,866	60,991	61,276	61,435	61,510
<b>Transportation and public utilities</b> .....	4,845	4,855	4,870	4,816	4,897	4,899	4,899	4,902	4,906	4,911	4,923	4,955	4,963
<b>Wholesale trade</b> .....	4,832	4,842	4,853	4,864	4,867	4,883	4,882	4,911	4,921	4,927	4,938	4,956	4,972
<b>Retail trade</b> .....	17,527	17,565	17,632	17,714	17,737	17,836	17,933	17,947	17,996	18,044	18,151	18,192	18,225
<b>Finance, insurance, and real estate</b> .....	4,932	4,936	4,943	4,949	4,945	4,955	4,952	4,953	4,946	4,937	4,940	4,935	4,943
<b>Services</b> .....	27,044	27,155	27,324	27,529	27,629	27,781	27,878	27,997	28,097	28,172	28,324	28,397	28,407

<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 1993 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1990 forward are subject to revision.

**ESTABLISHMENT DATA  
DIFFUSION INDEXES  
SEASONALLY ADJUSTED**

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

(Percent)

Time span	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Private nonfarm payrolls, 356 industries <sup>1</sup>												
Over 1-month span:												
1991 .....	39.6	39.6	38.5	38.2	48.5	45.4	48.3	52.0	48.9	46.8	46.5	46.1
1992 .....	42.1	46.1	48.3	57.7	53.1	50.4	52.8	46.5	53.4	56.9	52.5	57.3
1993 .....	57.9	61.7	49.0	56.0	57.0	51.1	58.8	50.0	56.7	57.4	61.0	57.4
1994 .....	56.6	58.3	62.9	62.5	56.3	63.2	59.3	59.8	56.9	59.8	64.6	<sup>P</sup> 59.4
1995 .....	<sup>P</sup> 60.5											
Over 3-month span:												
1991 .....	34.3	32.0	31.6	38.2	39.3	44.2	49.4	50.7	50.8	44.9	43.7	40.9
1992 .....	39.7	42.3	51.0	56.2	57.6	54.1	50.4	49.9	51.7	56.2	58.6	59.8
1993 .....	64.0	61.4	59.7	55.8	54.9	57.7	54.6	55.9	55.8	62.4	61.5	60.8
1994 .....	62.1	64.5	65.2	65.0	65.4	64.6	66.7	64.0	65.4	65.3	<sup>P</sup> 68.8	<sup>P</sup> 69.0
1995 .....												
Over 6-month span:												
1991 .....	30.2	32.4	31.2	33.7	39.2	44.7	46.5	45.6	47.8	44.5	41.4	39.9
1992 .....	43.5	46.3	47.2	52.0	54.2	56.6	52.8	53.1	55.8	56.3	64.2	62.2
1993 .....	61.4	60.8	59.0	59.8	54.4	54.5	57.9	58.8	59.7	60.8	62.8	63.6
1994 .....	67.0	65.9	68.8	66.0	67.8	66.3	68.1	70.1	<sup>P</sup> 67.7	<sup>P</sup> 69.5		
1995 .....												
Over 12-month span:												
1991 .....	31.0	31.0	31.7	31.9	31.7	33.8	35.8	37.5	40.0	45.2	45.6	45.4
1992 .....	47.2	42.3	42.7	44.1	48.0	52.5	55.8	60.7	59.7	60.4	60.1	60.7
1993 .....	60.0	61.1	60.7	62.2	63.2	62.1	62.4	60.8	63.5	62.8	63.1	63.5
1994 .....	64.2	65.7	66.0	66.4	68.1	<sup>P</sup> 68.4	<sup>P</sup> 69.8					
1995 .....												
Manufacturing payrolls, 139 industries <sup>1</sup>												
Over 1-month span:												
1991 .....	32.7	35.6	31.3	37.4	45.7	43.5	46.4	49.3	42.8	47.8	41.4	39.6
1992 .....	38.1	40.6	45.0	57.9	47.8	50.0	53.2	41.7	49.3	47.8	52.5	51.8
1993 .....	52.5	57.6	47.8	41.7	46.0	40.3	49.3	42.8	46.8	50.0	55.4	51.1
1994 .....	54.3	53.6	51.1	56.1	50.0	58.6	52.9	56.8	48.9	60.8	60.1	<sup>P</sup> 60.8
1995 .....	<sup>P</sup> 56.5											
Over 3-month span:												
1991 .....	24.5	21.9	20.5	32.7	36.3	39.6	47.1	46.0	48.2	39.9	36.7	33.5
1992 .....	30.9	36.3	45.3	50.7	55.4	53.6	47.1	47.1	42.4	50.0	51.1	55.0
1993 .....	60.1	58.3	51.4	40.6	37.1	43.5	40.3	41.0	43.2	52.9	54.7	56.1
1994 .....	56.1	57.6	56.5	53.2	57.2	55.8	61.5	55.0	60.4	60.1	<sup>P</sup> 67.3	<sup>P</sup> 64.7
1995 .....												
Over 6-month span:												
1991 .....	15.8	20.9	21.2	26.3	34.9	39.2	42.1	40.3	40.3	37.1	32.4	32.7
1992 .....	34.2	37.1	41.0	48.6	52.2	54.7	46.4	49.3	50.4	48.9	57.9	56.8
1993 .....	54.0	51.8	48.6	47.1	37.1	34.2	39.6	45.7	47.8	50.4	54.3	55.8
1994 .....	58.3	56.1	59.4	54.3	58.3	56.8	60.1	62.6	<sup>P</sup> 61.2	<sup>P</sup> 64.0		
1995 .....												
Over 12-month span:												
1991 .....	16.5	16.2	17.3	18.0	20.9	24.1	26.3	30.6	32.7	38.1	38.8	37.4
1992 .....	42.4	36.7	36.3	36.0	39.6	45.7	50.0	55.8	57.9	55.4	52.9	52.9
1993 .....	50.0	52.5	48.6	49.3	50.7	48.9	50.0	48.9	50.0	50.7	51.4	51.4
1994 .....	50.7	54.3	54.0	56.8	59.0	<sup>P</sup> 59.7	<sup>P</sup> 62.2					
1995 .....												

<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.

<sup>P</sup> = 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 1993 benchmark levels. When more recent benchmark data are introduced, all unadjusted data (beginning April 1993) and all seasonally adjusted data (beginning January 1990) 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	1994												
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>
	Total <sup>1</sup>												
Alabama	1,722.2	1,722.7	1,726.4	1,730.2	1,734.7	1,732.5	1,742.0	1,727.9	1,732.9	1,740.8	1,742.2	1,758.4	1,747.7
Alaska	255.4	255.0	258.2	258.3	256.7	256.0	257.3	257.1	258.7	259.2	257.7	256.7	257.3
Arizona	1,593.7	1,597.7	1,604.6	1,615.6	1,623.9	1,626.8	1,638.4	1,645.5	1,653.4	1,661.2	1,657.7	1,668.1	1,671.0
Arkansas	996.1	1,000.3	1,003.0	1,005.8	1,006.4	1,012.2	1,016.1	1,023.7	1,030.0	1,031.7	1,036.2	1,042.0	1,043.7
California	11,940.3	11,947.6	11,957.5	11,955.2	11,955.2	11,953.2	11,946.4	11,960.1	11,968.8	11,956.8	11,946.0	11,959.8	11,958.9
Colorado	1,690.5	1,692.5	1,700.2	1,701.6	1,706.3	1,707.1	1,712.8	1,722.5	1,724.6	1,727.5	1,731.4	1,735.8	1,737.8
Connecticut	1,522.6	1,532.2	1,530.4	1,525.8	1,530.2	1,533.6	1,530.7	1,534.3	1,535.4	1,536.2	1,536.2	1,535.6	1,533.6
Delaware	350.8	350.0	349.6	350.6	354.5	356.9	358.9	356.5	360.5	360.0	359.6	359.6	359.4
District of Columbia	667.0	665.8	665.0	664.2	663.5	663.4	661.3	663.3	662.6	664.7	668.6	666.4	664.1
Florida	5,668.3	5,657.8	5,685.3	5,701.5	5,730.5	5,738.9	5,760.3	5,776.6	5,793.0	5,830.3	5,844.4	5,904.5	5,890.2
Georgia	3,170.9	3,176.8	3,201.2	3,214.0	3,224.1	3,233.4	3,248.5	3,244.2	3,261.9	3,278.9	3,289.6	3,315.4	3,323.3
Hawaii	536.5	534.0	533.4	533.0	533.3	530.0	532.1	530.9	531.2	533.4	532.7	534.5	534.9
Idaho	448.4	451.2	453.1	456.6	458.9	460.3	461.4	463.4	463.5	464.0	464.0	467.1	468.6
Illinois	5,374.0	5,352.0	5,372.9	5,375.2	5,376.8	5,397.8	5,408.4	5,411.6	5,418.5	5,423.3	5,439.3	5,452.3	5,457.0
Indiana	2,612.2	2,613.5	2,616.0	2,634.2	2,635.9	2,634.5	2,633.0	2,637.5	2,638.0	2,651.3	2,651.1	2,663.3	2,659.8
Iowa	1,293.4	1,293.1	1,293.8	1,297.7	1,303.3	1,307.8	1,315.3	1,311.2	1,312.4	1,314.1	1,316.1	1,323.1	1,323.9
Kansas	1,149.7	1,150.5	1,150.6	1,153.1	1,147.1	1,156.0	1,165.9	1,158.2	1,161.4	1,163.6	1,165.3	1,176.0	1,169.1
Kentucky	1,539.6	1,529.2	1,539.2	1,547.2	1,550.5	1,552.8	1,559.9	1,565.5	1,569.1	1,582.7	1,588.3	1,594.0	1,596.4
Louisiana	1,647.9	1,642.1	1,651.9	1,663.5	1,673.8	1,680.1	1,684.0	1,685.3	1,695.4	1,706.8	1,715.1	1,719.1	1,722.6
Maine	521.6	517.7	520.9	520.8	524.0	527.7	527.2	530.2	530.4	529.4	530.7	530.7	532.1
Maryland	2,111.0	2,111.4	2,102.8	2,106.3	2,115.6	2,116.6	2,115.9	2,113.6	2,115.3	2,123.0	2,127.4	2,125.3	2,134.8
Massachusetts	2,868.4	2,891.7	2,892.4	2,897.7	2,917.2	2,922.2	2,927.0	2,934.7	2,942.2	2,942.4	2,943.5	2,940.2	2,936.9
Michigan	4,014.7	4,028.4	4,044.0	4,067.2	4,076.6	4,084.1	4,101.7	4,099.0	4,107.8	4,128.3	4,138.8	4,155.3	4,153.0
Minnesota	2,272.7	2,283.3	2,288.7	2,293.0	2,298.8	2,296.3	2,301.5	2,301.5	2,304.1	2,307.4	2,316.3	2,327.2	2,331.2
Mississippi	1,009.9	1,013.6	1,016.4	1,023.0	1,025.0	1,030.4	1,035.9	1,040.7	1,046.2	1,033.6	1,032.1	1,033.5	1,031.5
Missouri	2,430.9	2,421.8	2,430.9	2,436.8	2,456.3	2,463.8	2,471.8	2,474.7	2,479.5	2,483.1	2,491.9	2,497.7	2,497.1
Montana	331.0	331.2	332.0	332.3	331.4	333.5	334.2	335.2	338.6	337.9	338.0	339.9	339.2
Nebraska	768.9	770.2	766.9	767.0	769.2	772.4	774.0	782.7	785.9	784.9	788.0	795.8	791.0
Nevada	696.5	697.9	702.9	706.1	709.5	711.1	709.8	711.3	715.1	718.2	718.5	724.1	725.7
New Hampshire	504.6	508.8	512.5	514.3	514.0	512.2	513.3	518.0	514.0	515.2	515.2	517.8	515.8
New Jersey	3,516.9	3,521.3	3,510.6	3,519.0	3,539.5	3,546.7	3,552.3	3,558.8	3,565.1	3,564.0	3,574.5	3,575.9	3,579.4
New Mexico	631.4	638.8	639.8	641.8	649.7	651.6	656.1	657.9	659.2	659.5	662.8	668.4	668.7
New York	7,764.7	7,775.7	7,779.1	7,793.5	7,796.4	7,812.4	7,812.7	7,839.5	7,836.4	7,831.1	7,829.0	7,825.0	7,825.0
North Carolina	3,294.4	3,293.5	3,295.9	3,317.3	3,319.3	3,328.6	3,335.7	3,334.6	3,345.9	3,348.7	3,359.6	3,365.3	3,377.0
North Dakota	287.6	287.4	288.8	291.1	291.2	291.2	290.9	292.3	294.3	294.4	294.8	295.9	296.3
Ohio	4,923.9	4,929.7	4,940.7	4,942.1	4,945.0	4,950.5	4,953.5	4,951.9	4,954.9	4,963.1	4,977.6	4,984.3	4,991.7
Oklahoma	1,241.3	1,249.0	1,247.6	1,247.9	1,256.1	1,259.4	1,264.6	1,268.0	1,265.6	1,274.2	1,275.2	1,281.9	1,283.9
Oregon	1,329.3	1,331.2	1,332.4	1,336.5	1,338.6	1,343.9	1,347.7	1,352.7	1,358.6	1,361.9	1,368.4	1,378.0	1,380.4
Pennsylvania	5,138.4	5,109.8	5,114.6	5,134.5	5,149.2	5,171.3	5,183.8	5,172.2	5,180.7	5,194.0	5,199.8	5,204.5	5,205.3
Rhode Island	432.0	430.7	430.6	430.5	432.3	434.4	438.4	436.3	438.4	436.0	434.8	435.5	434.3
South Carolina	1,583.8	1,589.8	1,593.1	1,591.7	1,591.8	1,593.7	1,595.6	1,596.3	1,594.5	1,595.6	1,593.8	1,607.1	1,599.4
South Dakota	318.6	323.2	324.4	325.5	326.4	327.4	330.1	331.6	332.2	332.3	333.4	335.1	335.0
Tennessee	2,365.5	2,362.1	2,370.6	2,372.1	2,377.3	2,387.6	2,393.0	2,394.6	2,395.1	2,398.5	2,407.0	2,435.8	2,422.3
Texas	7,594.4	7,569.3	7,601.9	7,622.9	7,660.2	7,675.6	7,705.5	7,744.6	7,777.2	7,788.0	7,791.0	7,808.2	7,840.6
Utah	831.7	839.9	842.9	847.1	848.7	850.5	854.5	859.1	864.2	868.8	872.2	878.3	883.0
Vermont	256.8	256.4	258.4	258.9	260.4	258.8	259.1	258.4	257.9	259.8	260.1	262.2	263.5
Virginia	2,960.2	2,959.4	2,968.1	2,988.2	2,995.7	3,001.8	3,004.3	3,013.6	3,016.3	3,024.7	3,036.9	3,044.6	3,049.1
Washington	2,269.1	2,270.1	2,275.1	2,277.7	2,275.4	2,281.1	2,293.2	2,293.7	2,297.2	2,298.2	2,306.9	2,316.1	2,317.7
West Virginia	666.9	663.2	665.1	665.6	667.7	677.4	671.0	671.3	676.0	678.9	680.9	693.4	686.0
Wisconsin	2,431.4	2,429.3	2,431.0	2,441.8	2,443.6	2,445.8	2,459.1	2,470.1	2,470.0	2,473.2	2,479.2	2,494.0	2,493.9
Wyoming	212.3	213.3	213.3	212.0	212.0	211.9	212.4	211.8	213.2	213.6	212.8	214.6	213.9

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	1993	1994											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>
	Construction												
Alabama .....	78.6	78.9	78.2	78.4	79.4	79.9	80.5	80.4	80.0	80.7	79.3	80.2	80.6
Alaska .....	11.9	12.4	13.1	13.0	12.9	13.0	12.5	12.5	12.7	12.5	12.5	13.1	12.9
Arizona .....	95.4	98.1	101.0	101.9	103.2	102.8	103.5	103.0	104.0	104.1	105.2	106.3	107.4
Arkansas .....	37.1	37.8	38.5	39.4	38.8	39.6	40.2	40.2	40.6	41.4	42.2	43.1	43.1
California .....	447.1	446.4	450.3	451.6	452.4	451.9	452.2	453.6	452.4	453.8	456.2	455.7	456.4
Colorado .....	86.7	87.0	85.0	84.3	83.6	83.4	84.6	85.2	85.9	86.6	87.4	89.4	90.1
Connecticut .....	47.3	47.9	49.1	47.9	46.9	46.2	45.9	46.8	45.8	46.3	46.1	46.7	48.0
Delaware .....	18.3	17.9	17.4	17.3	17.7	18.3	19.1	19.1	18.9	19.0	19.3	19.5	19.3
District of Columbia .....	8.6	8.2	8.1	8.4	8.3	8.5	8.8	8.8	8.7	8.9	8.8	8.8	8.8
Florida .....	294.2	295.1	295.2	296.5	300.1	300.5	300.1	304.0	304.9	307.0	307.0	309.2	309.9
Georgia .....	133.0	135.7	132.8	136.2	138.1	138.0	138.5	134.7	139.5	142.2	140.2	146.3	146.3
Hawaii <sup>2</sup> .....	31.0	30.7	30.3	29.7	30.0	29.3	28.9	29.0	29.6	29.7	29.6	29.5	29.0
Idaho .....	25.7	27.3	27.2	28.0	27.7	28.5	29.0	29.4	29.2	29.3	29.0	29.4	29.1
Illinois .....	201.7	196.2	197.1	201.1	199.1	202.3	202.8	202.0	203.0	205.0	206.3	208.3	209.2
Indiana .....	119.7	116.8	118.2	122.3	121.6	123.6	121.9	123.5	123.4	124.7	124.4	125.1	124.3
Iowa .....	50.5	49.4	49.3	50.4	50.7	51.2	50.3	49.8	49.5	49.6	49.4	51.4	50.4
Kansas .....	48.9	48.5	47.0	47.9	48.5	49.4	50.7	52.4	52.2	52.2	52.5	53.0	51.8
Kentucky .....	70.5	66.3	67.2	69.1	70.2	70.9	69.3	70.2	69.8	70.8	71.4	71.7	70.9
Louisiana .....	98.1	96.9	98.7	101.4	102.6	103.9	105.6	104.9	105.0	107.1	108.4	108.2	109.0
Maine .....	21.7	21.5	21.6	21.5	21.5	22.1	21.5	21.6	21.9	22.1	22.6	22.4	22.6
Maryland .....	121.6	118.9	117.8	117.3	118.0	118.0	119.2	119.7	120.3	121.3	122.4	123.4	124.2
Massachusetts .....	85.2	86.0	85.2	84.3	88.5	89.0	88.3	86.9	87.1	86.5	86.3	86.5	86.9
Michigan .....	133.9	132.7	134.2	138.2	137.0	136.8	138.8	142.3	139.7	142.1	144.9	146.7	147.1
Minnesota .....	81.8	82.2	82.4	82.6	82.1	81.9	81.3	80.5	80.4	80.4	80.9	81.7	81.9
Mississippi .....	41.7	41.1	39.8	40.7	41.5	42.5	41.9	41.4	41.9	40.6	40.8	41.2	41.6
Missouri .....	99.7	99.4	100.9	101.0	102.9	104.8	105.5	107.4	107.6	108.6	106.5	105.8	106.2
Montana .....	14.2	14.6	14.4	14.1	14.0	14.3	14.5	14.8	14.7	14.8	14.8	14.9	14.6
Nebraska .....	32.6	32.5	31.0	31.8	32.3	33.2	33.4	32.9	32.9	33.2	33.1	33.9	34.6
Nevada .....	47.1	48.1	48.0	48.8	48.7	48.4	48.4	49.4	49.3	48.7	48.6	48.9	49.3
New Hampshire .....	17.6	18.1	18.3	18.3	18.0	17.6	17.1	17.1	16.6	17.0	17.3	18.2	18.9
New Jersey .....	118.2	116.4	114.5	116.3	120.6	121.8	122.3	123.7	123.8	122.5	124.2	125.0	124.2
New Mexico .....	38.2	38.4	37.8	38.3	39.0	39.6	40.7	41.7	42.3	42.5	43.0	43.8	44.2
New York .....	240.3	244.0	242.4	244.1	245.8	244.9	248.0	251.0	252.3	255.0	257.8	258.3	256.9
North Carolina .....	157.4	159.0	158.1	160.6	161.5	163.0	164.1	163.9	164.0	164.8	164.8	165.7	166.4
North Dakota .....	12.2	12.4	12.5	13.3	13.5	12.9	13.0	12.9	12.7	12.7	12.8	13.1	13.2
Ohio .....	185.5	183.1	184.1	182.9	182.8	183.5	183.5	182.4	181.9	182.6	184.2	187.0	188.6
Oklahoma .....	42.3	43.6	42.5	41.9	43.1	43.8	45.4	46.2	47.2	47.8	48.4	49.2	49.5
Oregon .....	56.1	57.9	56.6	57.9	57.6	59.2	60.6	60.8	61.8	63.7	64.5	64.3	65.2
Pennsylvania .....	200.3	194.7	194.8	194.7	200.9	202.1	203.3	202.8	203.1	202.1	201.7	205.1	207.4
Rhode Island .....	11.2	10.7	10.4	10.3	10.6	11.6	12.5	13.1	12.4	11.6	11.8	11.9	12.1
South Carolina .....	81.8	81.9	81.4	81.9	83.0	82.5	81.6	82.1	81.3	81.5	80.9	81.5	81.8
South Dakota .....	13.2	13.1	13.3	13.8	13.9	14.0	13.7	13.8	14.3	13.7	13.8	13.7	13.8
Tennessee .....	98.2	97.1	96.1	95.9	95.7	96.8	96.9	96.6	97.7	97.8	99.2	101.5	102.2
Texas .....	356.5	358.5	361.1	364.8	366.0	365.9	370.5	373.0	374.4	379.6	380.7	384.3	388.2
Utah .....	43.1	43.6	44.5	45.3	46.1	46.8	48.0	49.4	49.2	48.9	49.5	49.9	50.3
Vermont .....	11.1	10.9	11.0	10.8	10.8	11.0	11.2	11.1	11.0	11.6	11.5	11.8	11.5
Virginia .....	156.5	156.6	156.0	158.2	159.1	159.5	159.4	159.9	160.4	161.5	162.5	162.8	164.7
Washington .....	120.9	122.0	121.8	123.0	121.9	123.9	125.9	127.0	126.8	126.8	127.5	125.8	125.1
West Virginia .....	33.9	31.8	32.2	32.9	33.8	34.2	34.6	35.4	35.4	35.6	35.2	36.6	37.2
Wisconsin .....	95.2	92.4	91.0	93.9	96.8	98.4	100.6	101.1	101.3	103.7	105.3	104.7	103.9
Wyoming .....	12.6	12.6	12.5	12.7	12.8	13.1	12.4	12.6	12.4	12.4	12.4	12.7	13.0

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	1993			1994									
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>
	Manufacturing												
Alabama	381.8	380.7	381.6	382.9	383.1	384.0	384.4	381.9	385.0	385.7	387.0	387.5	387.8
Alaska	16.5	15.4	18.4	17.5	16.0	14.5	16.1	16.3	16.4	17.4	16.9	15.4	14.7
Arizona	174.7	176.2	176.4	176.4	177.9	178.3	181.2	182.3	183.1	183.1	182.7	183.6	183.6
Arkansas	245.6	247.3	247.0	246.9	248.3	249.0	250.7	252.3	253.9	256.0	257.0	257.7	258.3
California	1,766.1	1,766.2	1,761.1	1,761.1	1,760.8	1,754.8	1,752.3	1,755.5	1,753.1	1,750.5	1,743.9	1,742.9	1,744.5
Colorado	188.8	188.7	188.9	188.8	190.3	191.0	191.0	190.7	190.1	190.8	191.9	192.9	192.9
Connecticut	287.9	287.2	285.1	285.9	284.7	286.2	285.5	284.3	284.4	282.5	282.2	281.5	280.8
Delaware	64.2	64.4	63.6	63.7	63.7	63.4	63.3	60.7	63.8	63.6	63.8	63.0	62.6
District of Columbia	14.0	14.1	14.2	14.1	14.2	14.1	14.0	14.0	14.1	14.2	14.2	14.2	14.2
Florida	482.7	480.7	480.6	481.4	482.8	482.8	483.2	484.3	483.4	484.9	484.7	485.1	486.6
Georgia	558.8	559.7	565.6	565.7	566.4	567.3	568.7	565.5	572.7	571.1	572.9	574.4	576.3
Hawaii	18.7	17.8	18.0	18.1	17.9	17.8	17.7	17.4	17.4	17.4	17.2	17.1	17.0
Idaho	70.8	71.1	71.4	72.7	72.8	72.2	72.7	72.7	73.2	71.4	72.4	72.2	73.4
Illinois	940.2	942.1	941.3	941.5	940.0	939.0	939.0	930.5	929.0	930.2	932.7	933.4	934.5
Indiana	642.0	644.1	647.8	647.2	649.7	650.0	649.5	652.3	652.1	652.3	652.1	658.2	660.3
Iowa	238.4	240.4	241.1	242.1	242.4	243.5	244.5	245.0	244.1	244.7	244.6	245.5	245.9
Kansas	181.2	181.9	182.0	182.2	182.1	182.6	182.3	180.5	181.0	182.8	182.5	184.2	184.6
Kentucky	292.8	293.3	293.2	294.1	295.2	296.1	297.6	299.1	300.4	301.8	302.9	304.8	305.3
Louisiana	186.7	186.3	186.4	187.2	187.8	186.7	186.0	186.3	186.7	187.5	188.3	188.3	188.3
Maine	91.8	91.2	92.4	92.7	92.5	92.8	92.7	92.4	91.6	91.9	92.0	92.0	92.5
Maryland	177.7	177.8	177.5	177.0	177.3	177.2	176.4	176.5	176.9	176.6	176.6	176.1	176.3
Massachusetts	446.1	445.7	445.5	445.5	446.8	447.3	448.1	450.3	449.2	446.5	444.6	444.1	444.0
Michigan	911.4	931.2	929.8	934.2	935.6	930.5	940.7	938.5	943.6	945.0	951.7	952.8	952.9
Minnesota	408.3	410.6	410.5	410.2	410.5	411.4	413.7	414.2	416.6	417.4	417.8	421.0	419.9
Mississippi	255.5	256.3	257.1	258.0	256.7	257.8	259.0	260.5	260.6	259.0	259.6	259.6	259.4
Missouri	412.8	411.4	412.1	412.4	412.3	410.4	409.8	408.0	414.2	414.8	417.0	417.5	417.1
Montana	22.7	22.9	23.0	23.0	22.6	22.6	22.6	22.5	22.5	22.7	22.8	23.0	23.2
Nebraska	104.0	103.9	104.2	104.0	104.1	104.0	104.5	105.6	105.8	105.5	106.1	108.1	108.6
Nevada	30.5	30.6	30.8	31.0	31.6	31.8	31.8	31.9	31.8	31.9	32.1	31.9	31.9
New Hampshire	97.1	97.1	97.9	98.1	98.1	98.1	98.3	99.7	98.4	97.8	98.1	98.6	98.5
New Jersey	512.6	514.9	511.0	509.7	510.4	509.7	507.8	507.2	510.0	507.2	507.1	505.9	502.4
New Mexico	43.4	43.4	43.6	43.4	44.0	43.8	44.2	44.6	45.4	45.4	44.8	45.0	45.4
New York	971.4	965.5	965.0	961.8	960.0	958.3	954.9	955.4	952.4	947.7	946.6	944.2	941.8
North Carolina	847.9	847.7	847.6	851.9	851.1	850.4	850.0	854.0	852.7	852.5	854.3	854.3	856.9
North Dakota	19.7	19.8	20.1	20.5	20.9	20.9	21.1	21.1	21.3	21.5	21.4	21.6	21.7
Ohio	1,047.4	1,050.3	1,052.9	1,053.0	1,052.5	1,052.6	1,054.6	1,056.7	1,058.2	1,056.4	1,065.3	1,067.8	1,071.5
Oklahoma	169.7	170.1	168.5	169.1	169.2	169.4	170.2	170.7	169.0	170.1	170.4	170.6	170.8
Oregon	214.1	214.8	216.1	216.5	216.6	215.8	218.0	218.8	216.4	216.8	217.9	219.7	221.4
Pennsylvania	935.7	936.1	935.4	936.8	934.3	936.0	936.9	937.8	937.2	934.1	938.2	938.8	939.9
Rhode Island	86.4	86.7	86.7	86.5	86.5	86.3	86.4	83.5	86.4	86.0	85.6	85.6	85.4
South Carolina	371.8	371.7	374.4	372.3	371.7	370.8	371.2	372.0	370.4	371.0	371.2	371.1	370.2
South Dakota	41.3	41.8	41.9	42.4	42.4	42.5	43.2	43.9	44.5	44.8	44.6	45.1	45.5
Tennessee	534.4	534.8	537.6	537.5	539.0	537.9	540.6	540.8	539.3	539.0	539.0	539.6	541.4
Texas	997.0	994.5	995.8	997.6	1,000.1	1,000.5	1,000.6	1,000.2	1,000.7	1,003.5	1,004.2	1,005.6	1,008.2
Utah	111.6	114.2	114.2	115.0	115.2	115.4	115.0	115.2	115.4	117.0	118.1	118.8	119.1
Vermont	43.6	43.2	43.2	43.1	42.8	42.7	42.8	43.2	43.2	43.5	43.5	43.6	43.5
Virginia	405.2	406.4	403.3	401.9	399.6	401.6	400.7	404.1	401.8	403.1	405.4	405.9	406.7
Washington	335.2	335.6	333.9	333.8	332.5	331.8	332.6	332.9	333.6	333.0	333.8	335.7	335.0
West Virginia	82.6	81.5	81.3	81.3	81.4	81.4	81.1	81.0	81.4	81.6	82.2	82.2	83.0
Wisconsin	563.2	566.0	566.5	567.9	568.2	568.5	572.9	574.8	573.2	572.6	576.5	580.8	582.6
Wyoming	9.4	9.6	9.8	9.9	9.9	9.9	9.9	9.9	9.8	9.8	9.9	9.8	9.9

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	1993		1994										
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>
	Transportation and public utilities												
Alabama	85.2	85.0	84.9	85.1	85.2	85.0	85.1	84.8	84.8	85.3	84.9	85.4	85.3
Alaska	22.9	23.0	23.2	23.4	23.1	23.4	23.1	23.1	23.1	23.1	23.0	23.0	23.3
Arizona	76.6	78.6	78.6	78.5	78.7	79.3	79.4	78.9	79.0	78.9	78.4	78.2	78.5
Arkansas	57.1	56.3	56.4	56.6	56.1	56.8	57.0	57.6	58.1	58.1	58.4	58.7	59.7
California	597.9	600.1	599.3	598.9	591.8	594.3	593.7	594.5	593.6	593.6	591.6	590.3	590.2
Colorado	104.9	104.2	105.1	105.0	103.1	103.5	103.2	104.5	104.7	104.5	103.8	103.8	104.0
Connecticut	69.3	69.2	69.3	68.4	69.5	68.9	68.9	69.0	68.7	68.0	68.0	68.2	68.5
Delaware	14.9	14.8	15.1	14.9	15.0	15.2	15.2	14.9	15.3	15.1	15.4	15.5	15.4
District of Columbia	20.8	20.8	20.7	20.8	20.9	21.2	21.2	21.1	21.0	20.7	20.7	21.0	20.8
Florida	289.9	283.7	285.0	286.4	286.4	288.1	286.9	285.9	286.9	287.4	288.1	289.0	293.0
Georgia	202.9	203.6	205.4	206.2	203.5	207.7	208.1	207.9	208.0	205.6	205.9	205.7	204.5
Hawaii	39.8	39.9	39.8	40.1	40.3	40.1	39.8	39.9	39.8	39.7	39.3	39.3	39.3
Idaho	21.4	21.1	21.0	21.1	21.3	21.4	21.4	21.5	21.0	21.4	21.4	21.5	21.6
Illinois	313.8	312.1	313.2	312.6	306.1	311.3	312.5	312.7	311.8	314.2	314.8	317.1	317.4
Indiana	135.0	135.3	135.3	135.7	132.9	135.8	136.2	136.6	136.8	136.7	136.4	136.1	134.0
Iowa	56.9	56.8	56.9	57.2	57.3	57.4	57.7	57.6	57.4	57.9	58.5	58.7	58.3
Kansas	67.7	68.0	68.3	68.1	68.2	68.7	69.1	69.2	69.2	69.4	70.0	70.0	70.0
Kentucky	82.5	81.8	82.9	82.9	83.1	83.7	84.2	84.8	84.8	84.5	85.1	85.6	85.2
Louisiana	106.3	105.7	106.1	106.6	106.6	107.2	107.3	107.9	108.1	108.4	109.5	110.0	110.4
Maine	21.9	21.4	21.5	21.3	20.9	21.0	21.5	21.7	21.2	21.2	21.1	21.1	21.5
Maryland	98.1	98.9	97.7	97.3	97.0	97.6	97.1	96.2	96.4	95.5	95.5	95.4	95.1
Massachusetts	125.3	126.7	127.3	127.9	127.0	127.5	127.4	127.7	127.1	126.6	127.1	125.8	125.8
Michigan	156.4	158.8	158.8	159.1	154.1	160.5	160.0	158.9	158.8	159.6	160.2	160.5	160.4
Minnesota	110.1	110.0	110.2	109.9	108.5	109.3	109.4	110.0	109.2	110.5	110.7	111.5	111.9
Mississippi	45.2	44.6	44.7	44.9	43.7	45.2	46.2	45.9	46.2	45.4	45.1	46.0	44.7
Missouri	154.7	154.5	154.6	154.8	151.7	155.0	154.7	154.4	153.9	153.5	153.8	154.1	154.4
Montana	20.4	20.0	20.2	20.2	20.2	20.4	20.4	20.4	20.5	20.7	20.7	20.8	20.8
Nebraska	47.4	47.2	47.4	47.8	47.0	47.2	47.2	47.5	47.9	48.4	48.3	48.5	49.3
Nevada	35.9	36.0	36.0	36.3	36.4	36.5	36.7	36.6	37.0	37.1	37.4	37.6	37.5
New Hampshire	18.0	18.1	18.2	18.2	17.9	18.2	18.3	18.4	18.0	17.9	18.0	18.0	17.8
New Jersey	235.1	237.7	238.0	238.7	236.9	238.7	238.5	238.2	238.8	238.8	239.0	239.6	238.9
New Mexico	28.9	29.4	29.7	29.9	30.0	30.1	29.5	29.8	29.8	29.6	29.5	29.5	29.6
New York	402.4	404.2	406.0	406.4	402.7	405.8	405.2	399.8	398.5	399.4	398.0	397.2	397.8
North Carolina	156.7	155.8	156.3	157.1	155.7	155.7	156.3	157.4	156.6	155.6	155.6	155.4	155.5
North Dakota	18.2	18.3	18.4	18.4	18.3	18.3	18.1	18.4	18.4	18.4	18.7	18.7	18.7
Ohio	212.7	212.5	212.5	212.0	203.8	212.5	212.5	212.0	211.5	211.4	211.8	212.6	212.3
Oklahoma	70.9	71.3	71.6	71.8	71.8	72.0	72.0	71.7	71.4	71.5	71.4	72.0	72.2
Oregon	66.4	66.0	66.1	66.4	65.0	66.2	66.6	66.9	67.2	67.1	67.2	67.2	68.7
Pennsylvania	268.9	269.2	268.6	269.4	262.8	271.5	272.1	269.5	267.8	269.5	270.7	270.3	267.9
Rhode Island	14.7	14.5	14.6	14.5	14.5	14.6	14.5	14.4	14.0	14.5	14.4	14.1	14.2
South Carolina	66.7	66.2	66.8	67.0	66.5	67.7	67.3	67.3	67.4	66.8	67.2	67.0	67.3
South Dakota	14.6	14.9	14.9	14.9	15.1	15.0	15.3	15.4	15.5	15.4	15.5	15.6	15.3
Tennessee	128.1	127.1	128.5	128.9	124.1	129.7	129.5	129.9	130.3	130.2	130.4	130.5	130.2
Texas	443.3	443.5	445.0	444.9	444.5	445.6	446.6	445.6	450.0	452.3	455.5	459.6	463.1
Utah	48.1	49.2	49.3	49.8	48.2	48.5	48.7	49.4	49.8	50.0	50.1	50.3	50.3
Vermont	10.9	10.9	11.0	10.9	11.0	10.9	10.9	11.2	11.1	11.1	11.1	11.0	11.0
Virginia	151.5	150.9	151.4	152.8	151.3	153.3	151.9	153.2	152.9	152.4	153.6	153.5	153.6
Washington	115.4	115.1	114.6	117.0	115.2	117.3	118.2	119.3	117.3	117.8	117.9	118.4	118.8
West Virginia	39.0	39.2	39.7	39.3	39.0	39.2	39.3	39.6	39.8	39.6	39.4	39.3	39.6
Wisconsin	114.4	114.0	114.2	114.4	111.2	110.8	113.6	113.4	113.5	113.9	114.1	114.2	115.3
Wyoming	14.6	14.6	14.7	14.6	14.5	14.4	14.4	14.2	14.1	14.3	14.3	14.5	14.3

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1993	1994											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>
	Wholesale and retail trade												
Alabama .....	381.5	380.6	382.3	383.7	384.7	384.4	385.9	385.1	385.6	386.2	386.1	387.7	389.4
Alaska .....	50.4	49.9	49.7	50.6	51.3	51.1	51.2	51.4	51.9	52.1	51.8	52.0	52.2
Arizona .....	389.9	389.3	390.2	394.4	397.8	398.4	401.4	400.6	403.6	403.8	404.9	408.0	408.0
Arkansas .....	221.7	221.2	222.2	223.6	223.6	224.5	224.6	226.8	228.4	229.7	230.7	233.2	234.1
California .....	2,765.3	2,769.4	2,768.3	2,768.6	2,768.4	2,765.2	2,760.8	2,762.8	2,764.3	2,764.0	2,760.5	2,766.8	2,770.1
Colorado .....	411.3	413.1	415.9	417.7	420.3	421.0	424.9	427.1	427.7	430.0	432.6	431.4	431.6
Connecticut .....	322.6	328.1	328.2	325.1	326.6	327.1	325.7	327.1	326.3	325.4	326.6	324.7	322.3
Delaware .....	76.2	76.7	76.3	76.7	77.8	79.1	79.6	79.5	79.3	78.8	78.5	78.2	78.5
District of Columbia .....	51.9	52.1	51.8	52.1	51.6	52.0	52.8	52.3	53.1	52.6	53.3	53.8	53.9
Florida .....	1,472.8	1,463.8	1,477.3	1,479.2	1,484.9	1,487.0	1,491.6	1,492.9	1,499.5	1,506.6	1,512.8	1,518.0	1,522.4
Georgia .....	787.2	787.2	794.2	795.7	796.9	797.3	800.6	797.4	798.5	802.5	804.2	807.4	810.3
Hawaii .....	132.2	131.7	130.7	130.4	130.3	129.4	129.1	129.3	130.0	130.6	130.2	132.4	133.1
Idaho .....	112.8	113.2	113.7	114.6	115.9	116.0	116.3	116.8	117.1	117.6	117.6	119.1	118.5
Illinois .....	1,254.5	1,251.9	1,264.6	1,263.6	1,271.1	1,273.7	1,278.7	1,275.7	1,277.7	1,280.3	1,284.2	1,291.4	1,295.1
Indiana .....	618.8	614.3	615.4	615.7	616.3	615.9	614.7	615.9	615.7	618.6	623.1	628.4	628.7
Iowa .....	322.8	321.7	322.3	321.5	323.9	324.8	326.0	325.9	326.8	326.9	327.6	328.6	330.7
Kansas .....	277.0	276.2	277.2	278.3	277.1	278.2	278.9	277.6	277.4	278.3	278.8	279.1	279.9
Kentucky .....	360.6	359.5	363.5	364.9	365.5	367.0	368.6	370.4	370.9	371.8	373.5	374.9	376.4
Louisiana .....	382.4	379.7	382.6	386.8	388.2	389.5	390.8	392.0	393.6	394.4	394.8	396.0	395.6
Maine .....	130.1	129.7	129.6	129.4	132.1	133.3	134.3	135.6	136.4	136.3	136.2	136.4	136.7
Maryland .....	497.9	500.8	499.2	500.3	502.2	503.0	504.7	505.0	504.4	503.8	507.7	506.7	510.6
Massachusetts .....	648.1	656.2	655.3	659.9	663.9	668.7	670.6	673.1	675.9	675.6	676.6	673.9	670.7
Michigan .....	941.6	937.7	945.8	952.0	957.5	960.0	965.4	963.2	961.2	964.3	960.5	967.4	967.1
Minnesota .....	540.8	544.7	548.0	549.0	551.5	548.3	548.9	548.9	549.4	550.2	553.6	556.2	558.0
Mississippi .....	211.5	211.9	212.8	215.0	216.6	217.1	217.7	216.4	217.3	216.8	215.6	216.3	213.7
Missouri .....	575.1	572.5	574.9	575.3	581.5	582.4	581.4	580.8	581.7	585.5	587.3	590.2	590.5
Montana .....	88.6	89.0	89.2	89.0	88.8	89.0	89.8	90.0	90.6	90.9	91.5	91.4	91.6
Nebraska .....	194.0	194.3	194.2	193.5	193.6	193.4	194.3	197.0	197.3	198.3	198.5	198.8	198.7
Nevada .....	136.9	137.0	137.9	138.4	139.3	140.1	140.7	140.4	140.9	140.9	141.3	143.7	144.1
New Hampshire .....	129.3	129.9	130.2	130.9	131.9	130.8	131.9	131.8	130.0	131.3	131.0	132.0	130.6
New Jersey .....	819.4	823.4	819.0	822.3	827.5	828.8	831.3	834.8	836.6	836.0	841.0	842.3	847.2
New Mexico .....	148.3	150.4	150.7	151.2	153.4	153.7	154.0	155.5	155.5	155.0	155.9	156.2	156.1
New York .....	1,555.7	1,567.2	1,566.4	1,571.2	1,570.5	1,572.4	1,574.2	1,579.4	1,582.8	1,582.5	1,584.0	1,581.5	1,583.5
North Carolina .....	740.6	736.3	738.8	743.1	743.6	745.2	745.0	745.4	746.6	747.9	750.3	751.9	755.0
North Dakota .....	75.3	74.9	75.2	75.6	75.4	75.1	75.2	75.8	75.9	75.6	76.0	76.1	76.2
Ohio .....	1,175.3	1,178.0	1,180.6	1,181.7	1,182.3	1,185.4	1,183.5	1,185.3	1,185.4	1,184.2	1,185.0	1,185.4	1,183.7
Oklahoma .....	289.5	290.8	292.5	291.4	293.2	292.7	294.6	296.6	297.2	299.5	302.1	305.6	306.0
Oregon .....	330.8	330.4	330.7	331.9	334.6	335.0	335.5	335.2	338.2	338.0	338.8	342.3	339.5
Pennsylvania .....	1,153.2	1,146.3	1,149.4	1,155.7	1,157.6	1,160.4	1,166.3	1,164.4	1,168.5	1,167.8	1,174.6	1,172.4	1,171.5
Rhode Island .....	95.1	94.3	94.6	94.4	94.6	95.2	96.1	95.9	96.9	96.4	95.8	95.5	95.7
South Carolina .....	356.4	357.1	358.8	358.1	357.9	358.3	358.2	357.3	357.8	358.2	359.3	360.6	361.4
South Dakota .....	81.2	82.4	82.8	82.6	83.0	83.3	83.6	84.2	84.0	84.2	84.6	85.1	85.3
Tennessee .....	543.7	542.3	545.5	546.1	550.5	552.0	552.7	556.3	557.0	557.5	561.4	563.9	565.9
Texas .....	1,844.9	1,834.7	1,842.6	1,848.6	1,855.5	1,862.5	1,867.6	1,874.9	1,882.9	1,883.7	1,884.4	1,892.0	1,899.7
Utah .....	197.1	198.2	198.5	199.9	199.5	199.9	200.7	202.4	203.3	204.1	205.3	207.6	209.3
Vermont .....	60.6	60.9	61.1	61.4	61.5	61.3	61.8	61.2	61.2	61.1	60.6	60.8	61.4
Virginia .....	655.0	658.9	663.1	668.7	672.7	675.4	675.6	677.6	677.6	680.6	684.0	686.9	687.1
Washington .....	550.7	549.1	552.4	551.9	551.0	551.5	554.5	552.7	553.6	556.1	557.5	562.6	564.1
West Virginia .....	152.3	152.1	152.3	152.4	153.6	154.1	154.3	154.4	154.9	155.2	157.1	157.4	157.6
Wisconsin .....	558.7	554.2	556.6	557.2	558.1	559.5	559.9	561.3	564.5	564.8	567.0	571.9	572.0
Wyoming .....	48.4	48.5	48.6	48.3	48.3	48.0	48.8	49.3	49.7	49.6	49.2	49.6	49.3

See footnotes at end of table.



**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1993	1994											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>
	Finance, insurance, and real estate												
Alabama .....	76.5	76.9	77.1	77.2	77.3	77.0	77.0	77.2	76.9	77.0	76.9	77.3	
Alaska .....	11.4	11.4	11.4	11.3	11.5	11.4	11.4	11.5	11.5	11.5	11.4	11.3	
Arizona .....	101.3	101.3	101.1	101.3	101.5	101.7	102.5	102.9	102.7	102.2	102.2	102.3	
Arkansas .....	41.0	40.9	41.2	41.4	41.2	41.4	41.4	41.6	41.6	41.5	41.6	41.9	
California .....	780.7	782.4	780.9	780.5	778.5	774.8	770.4	768.2	765.4	762.3	758.2	756.4	
Colorado .....	108.7	108.4	108.6	108.8	109.5	109.1	109.4	109.7	109.3	109.3	109.6	110.0	
Connecticut .....	138.3	138.4	137.8	136.8	138.1	137.3	136.8	136.0	136.1	136.2	136.6	136.5	
Delaware .....	35.9	36.0	36.2	36.4	36.7	36.7	36.9	37.0	37.1	37.2	37.5	37.8	
District of Columbia .....	30.0	30.0	29.6	29.3	29.5	29.9	30.1	30.2	30.3	30.0	30.2	29.8	
Florida .....	361.7	362.8	363.5	364.5	364.2	365.2	365.7	367.0	367.2	367.7	370.4	369.7	
Georgia .....	167.6	166.6	167.1	167.5	167.4	167.8	167.7	167.3	167.0	167.6	168.0	168.2	
Hawaii .....	39.4	39.6	39.5	39.5	39.6	39.6	39.6	39.4	39.2	39.3	39.0	38.8	
Idaho .....	23.3	23.4	23.4	23.8	24.1	24.0	24.2	24.3	24.4	24.6	24.5	24.6	
Illinois .....	386.0	385.4	385.5	384.9	385.3	386.3	386.7	387.8	386.9	387.2	389.1	389.3	
Indiana .....	129.5	129.4	129.4	129.6	129.8	129.9	129.8	130.0	129.8	129.1	130.2	129.2	
Iowa .....	75.5	75.2	75.1	75.4	75.7	75.9	75.9	75.9	76.0	76.3	76.6	77.0	
Kansas .....	58.6	58.4	58.5	58.6	58.8	59.0	59.4	59.1	58.7	58.9	58.7	58.9	
Kentucky .....	63.2	63.0	62.8	62.9	62.9	62.5	62.5	62.2	62.6	62.5	62.3	62.4	
Louisiana .....	77.9	77.8	77.8	78.1	78.6	78.7	79.1	79.2	79.4	79.2	79.5	79.5	
Maine .....	26.0	25.9	25.9	26.0	26.1	25.9	25.8	25.8	25.8	25.9	25.7	25.8	
Maryland .....	130.0	130.6	130.4	130.1	130.2	129.6	129.1	128.6	128.1	128.2	128.2	127.9	
Massachusetts .....	200.6	201.4	201.4	201.6	202.3	202.2	202.3	202.6	202.2	202.6	202.0	201.9	
Michigan .....	193.5	192.5	192.6	193.6	194.8	195.5	196.4	196.6	196.0	195.1	194.4	193.6	
Minnesota .....	139.1	139.3	139.7	140.0	139.6	139.3	138.8	138.6	138.5	138.7	139.0	138.8	
Mississippi .....	38.9	38.7	39.2	39.4	39.5	39.1	39.1	38.9	39.1	38.8	38.8	38.7	
Missouri .....	143.1	141.2	141.3	141.9	143.0	143.2	143.1	144.0	143.5	143.3	143.9	143.8	
Montana .....	15.0	15.1	15.1	15.2	15.1	15.2	15.1	15.2	15.1	15.1	15.0	15.1	
Nebraska .....	50.6	50.5	50.8	50.6	50.7	50.5	50.6	50.5	50.4	50.4	50.5	50.7	
Nevada .....	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.0	32.1	32.1	32.3	32.2	
New Hampshire .....	29.9	30.1	30.1	30.1	29.8	29.8	29.5	29.0	28.8	29.0	29.0	29.2	
New Jersey .....	230.6	230.5	231.1	230.9	231.0	231.1	232.3	232.7	232.0	232.0	232.0	231.4	
New Mexico .....	27.8	28.1	28.2	28.3	28.9	29.0	29.0	29.3	29.2	29.2	29.4	29.4	
New York .....	728.7	727.4	728.6	729.5	730.3	730.9	733.7	734.8	733.8	733.9	732.6	731.7	
North Carolina .....	141.7	141.9	142.2	142.9	143.8	144.7	145.3	145.3	145.6	146.2	146.0	146.5	
North Dakota .....	13.7	13.7	13.8	13.8	13.8	13.8	13.9	13.9	14.0	14.0	14.0	13.8	
Ohio .....	260.1	260.5	260.4	260.6	260.9	260.9	260.7	260.8	260.6	260.4	260.3	260.5	
Oklahoma .....	61.1	61.2	61.3	61.6	61.8	61.9	62.0	62.1	61.8	62.3	62.9	62.8	
Oregon .....	93.9	94.4	94.7	95.4	95.9	96.5	96.5	96.6	96.9	96.3	96.5	96.6	
Pennsylvania .....	304.6	303.1	304.3	304.5	305.9	307.2	307.2	307.7	307.7	307.0	306.3	306.8	
Rhode Island .....	25.2	25.3	25.4	25.2	25.4	25.2	25.0	25.2	25.1	25.0	24.6	24.7	
South Carolina .....	66.3	66.2	66.5	66.3	66.3	66.4	66.4	66.2	66.3	66.3	66.3	66.5	
South Dakota .....	17.9	18.0	18.1	18.2	18.2	18.2	18.2	18.2	18.1	18.2	18.3	18.3	
Tennessee .....	105.4	105.2	105.3	105.3	105.6	105.8	105.9	105.9	106.2	106.2	106.2	106.3	
Texas .....	435.5	434.2	434.4	436.9	438.6	438.8	438.9	437.7	439.5	441.0	441.1	442.0	
Utah .....	42.5	44.2	44.6	45.0	45.9	46.2	46.0	46.8	46.3	46.8	47.3	47.2	
Vermont .....	12.3	12.2	12.1	12.0	12.0	12.0	11.9	12.1	12.1	12.0	12.0	12.1	
Virginia .....	160.8	160.0	160.9	161.2	162.2	162.9	163.5	164.3	164.6	165.6	167.0	166.6	
Washington .....	122.7	123.2	122.9	122.3	122.1	121.8	121.8	121.3	121.6	121.1	121.5	121.3	
West Virginia .....	25.1	25.0	25.0	25.1	25.0	25.0	25.3	25.3	25.4	25.3	25.4	25.5	
Wisconsin .....	132.7	132.6	132.4	132.7	132.6	132.9	132.9	133.3	133.6	133.6	133.9	134.3	
Wyoming .....	7.8	7.9	7.9	7.8	7.8	7.7	7.8	7.7	7.7	7.8	7.6	7.8	

See footnotes at end of table.

**ESTABLISHMENT DATA**  
**STATE EMPLOYMENT**  
**SEASONALLY ADJUSTED**

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

(In thousands)

State	1993			1994									
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>1</sup>
Services													
Alabama	365.1	365.3	368.5	368.8	370.1	368.4	369.7	368.8	370.0	371.1	372.5	371.6	372.1
Alaska	57.2	57.5	57.8	57.8	57.6	58.4	58.6	58.6	58.8	58.6	58.5	58.6	58.8
Arizona	456.6	455.9	458.8	463.8	466.6	466.9	469.6	470.8	471.6	474.0	476.7	479.1	481.6
Arkansas	220.9	223.9	224.8	225.1	225.5	226.7	227.8	229.2	230.7	231.5	232.6	232.9	232.0
California	3,469.6	3,469.6	3,480.2	3,478.8	3,487.0	3,490.8	3,493.4	3,503.0	3,510.5	3,508.8	3,508.8	3,522.4	3,518.1
Colorado	475.7	477.7	482.4	482.8	483.7	485.5	485.9	488.1	488.7	489.6	490.0	492.7	491.4
Connecticut	447.6	453.2	450.8	451.9	453.0	456.8	457.4	461.3	462.5	463.6	464.3	463.9	463.9
Delaware	91.3	90.7	91.4	92.1	94.1	93.9	94.7	94.6	94.7	94.7	94.3	94.9	94.7
District of Columbia	256.8	255.4	256.5	256.4	256.1	256.5	255.0	255.9	257.2	259.7	264.3	263.4	262.8
Florida	1,866.7	1,869.8	1,879.3	1,889.5	1,898.9	1,907.2	1,917.7	1,927.5	1,941.3	1,952.7	1,963.2	1,968.4	1,980.5
Georgia	757.1	758.2	767.9	774.3	782.9	786.6	795.3	800.7	806.2	813.9	816.7	830.0	833.8
Hawaii	163.4	163.9	163.2	163.2	163.3	163.6	164.0	164.2	163.5	164.7	165.1	165.1	165.4
Idaho	100.1	100.9	101.8	101.5	101.8	102.6	102.6	102.9	102.6	102.9	102.4	103.5	104.4
Illinois	1,489.2	1,479.7	1,481.2	1,481.9	1,487.7	1,490.3	1,495.6	1,504.4	1,507.1	1,517.0	1,520.2	1,520.5	1,521.3
Indiana	564.0	569.2	568.6	582.1	583.4	578.1	577.3	576.8	579.5	587.4	583.7	583.9	584.4
Iowa	321.5	322.8	323.3	323.7	325.0	325.7	327.4	328.3	328.1	327.1	328.4	329.1	329.3
Kansas	274.9	276.8	276.4	277.0	277.7	278.0	279.3	279.9	280.1	280.0	280.8	281.7	281.4
Kentucky	366.5	364.6	365.6	367.9	368.0	367.5	370.2	372.2	373.8	376.3	378.3	378.8	379.5
Louisiana	411.1	410.3	415.3	418.0	421.3	424.5	425.5	428.0	433.1	434.8	436.4	438.3	440.7
Maine	136.7	135.8	136.4	136.6	137.6	138.7	138.4	138.2	139.1	138.1	139.5	139.8	140.3
Maryland	665.2	664.2	662.7	663.3	669.9	671.2	670.3	671.9	669.4	672.4	672.3	671.5	674.4
Massachusetts	974.0	987.5	987.6	990.8	997.3	997.5	1,001.7	1,009.9	1,014.2	1,014.7	1,014.2	1,014.6	1,014.5
Michigan	1,027.5	1,029.8	1,036.3	1,040.0	1,050.2	1,054.5	1,059.3	1,063.4	1,066.9	1,070.0	1,075.1	1,075.4	1,077.0
Minnesota	626.6	629.3	631.0	633.3	636.4	636.4	640.2	641.5	641.8	643.6	646.4	648.3	650.5
Mississippi	200.0	204.3	207.1	207.1	209.5	211.1	215.9	218.0	217.0	215.8	213.8	212.6	213.7
Missouri	658.7	657.5	660.3	664.5	675.2	677.2	684.8	688.7	689.1	687.7	693.6	693.5	691.6
Montana	89.4	89.6	89.9	90.6	90.0	90.7	91.0	90.7	90.6	91.0	91.2	91.6	91.7
Nebraska	188.3	189.1	188.8	188.2	190.6	190.6	193.4	195.1	195.8	194.7	196.4	197.0	196.9
Nevada	311.7	312.2	315.5	315.7	316.8	317.1	317.1	317.2	317.8	319.4	319.8	321.1	322.4
New Hampshire	138.2	140.1	140.9	141.6	142.9	143.0	143.5	144.8	144.8	145.0	146.0	146.2	146.0
New Jersey	1,030.1	1,031.2	1,033.8	1,036.7	1,046.2	1,047.9	1,051.7	1,054.5	1,058.7	1,060.5	1,062.7	1,063.9	1,066.1
New Mexico	168.9	172.6	173.1	173.3	175.5	176.3	175.9	176.8	177.0	178.1	179.3	180.6	181.2
New York	2,440.9	2,444.6	2,449.8	2,458.0	2,464.3	2,473.1	2,477.5	2,487.6	2,485.7	2,489.0	2,493.7	2,492.7	2,498.6
North Carolina	707.5	709.5	711.9	717.9	719.2	723.3	727.6	724.1	726.1	728.1	731.2	733.2	737.4
North Dakota	77.9	77.8	77.9	79.1	79.1	79.8	79.6	79.8	79.8	80.3	80.8	81.2	81.7
Ohio	1,289.1	1,292.9	1,296.0	1,296.9	1,299.4	1,300.0	1,297.3	1,300.2	1,299.4	1,301.3	1,308.8	1,311.3	1,314.8
Oklahoma	304.4	307.0	307.0	307.3	310.6	312.7	314.5	317.2	315.5	318.1	317.7	319.2	320.0
Oregon	333.3	332.2	332.9	334.1	334.1	335.1	336.0	338.1	339.9	341.3	343.7	344.9	347.4
Pennsylvania	1,540.5	1,530.1	1,533.3	1,541.7	1,553.1	1,560.4	1,558.9	1,563.3	1,566.5	1,566.7	1,568.0	1,571.9	1,570.3
Rhode Island	136.8	137.4	136.8	138.1	138.6	139.4	141.9	141.2	141.3	140.8	141.2	141.1	141.0
South Carolina	341.3	345.3	344.6	344.4	344.4	345.9	347.9	348.2	348.3	348.8	347.6	349.4	350.5
South Dakota	81.0	83.3	83.6	83.9	84.0	84.5	85.3	85.0	85.0	84.6	85.5	85.7	86.4
Tennessee	585.9	585.7	587.5	587.7	591.4	594.2	593.7	594.9	594.3	596.0	598.6	601.4	602.0
Texas	1,954.8	1,948.9	1,966.8	1,976.3	1,998.3	2,004.0	2,025.8	2,037.0	2,040.8	2,037.0	2,034.9	2,030.9	2,040.2
Utah	218.9	221.2	221.9	222.7	223.7	223.5	225.3	225.6	229.2	229.8	230.4	232.8	233.7
Vermont	74.2	74.2	75.3	75.8	77.5	75.3	75.2	75.8	75.6	76.0	76.7	77.3	78.3
Virginia	817.2	816.7	822.9	829.5	834.0	834.0	837.6	840.9	843.9	849.0	852.1	855.7	856.8
Washington	589.3	588.3	589.2	593.6	594.2	596.7	597.7	598.9	601.0	601.9	602.9	607.4	608.7
West Virginia	170.0	170.1	170.9	171.2	172.3	174.0	173.6	174.2	174.1	174.8	175.7	175.5	176.8
Wisconsin	602.4	604.9	607.9	610.3	611.7	611.5	614.4	617.9	619.8	619.4	617.7	618.4	619.8
Wyoming	43.5	43.8	43.8	43.7	44.0	43.5	43.7	43.3	43.4	44.0	44.0	44.1	44.1

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	1993			1994									
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>
	Government												
Alabama	343.0	344.3	343.5	343.9	345.0	343.8	349.1	339.6	340.2	344.8	345.2	358.8	345.0
Alaska	75.1	75.8	74.9	74.9	74.6	74.4	74.6	73.8	74.7	74.3	73.9	73.8	74.4
Arizona	287.1	286.3	286.5	287.3	286.3	287.4	288.6	294.7	297.1	302.9	295.3	298.2	297.1
Arkansas	169.1	169.4	169.4	169.4	169.4	170.7	171.0	172.5	173.2	170.0	170.3	171.2	171.0
California	2,079.4	2,079.8	2,084.1	2,083.0	2,084.0	2,089.4	2,091.8	2,090.9	2,097.8	2,091.7	2,095.1	2,093.6	2,093.0
Colorado	298.8	297.9	298.7	298.8	300.6	298.5	298.6	302.1	303.0	301.5	300.7	300.2	302.0
Connecticut	208.8	207.3	209.0	208.8	210.5	210.2	209.6	208.9	210.6	213.3	211.5	213.1	212.8
Delaware	49.9	49.4	49.5	49.4	49.4	50.2	50.0	50.6	51.3	51.5	50.7	50.6	50.9
District of Columbia	284.8	285.1	284.0	283.0	282.8	281.1	279.3	280.9	278.1	278.5	277.0	275.3	273.7
Florida	894.1	895.8	898.3	897.9	907.1	901.9	908.9	908.7	903.3	917.6	911.8	958.1	921.6
Georgia	556.8	558.3	560.6	560.8	561.3	561.2	562.2	563.3	562.5	568.5	575.2	576.2	576.5
Hawaii	112.0	110.4	111.9	112.0	111.9	110.2	113.0	111.7	111.7	112.0	112.3	112.1	112.3
Idaho	92.2	92.2	92.5	92.8	93.1	93.3	92.9	93.5	93.7	94.4	94.4	94.4	95.6
Illinois	773.2	768.1	773.5	773.4	771.7	779.3	777.6	783.2	787.7	774.4	777.0	777.5	779.4
Indiana	396.9	398.2	395.1	395.4	396.0	395.2	397.4	396.2	394.7	396.5	395.0	396.3	392.9
Iowa	225.7	224.7	223.6	225.3	226.1	227.1	231.3	226.4	228.2	229.3	228.8	231.1	230.1
Kansas	232.7	232.0	232.4	232.4	226.2	231.4	237.5	230.8	234.0	233.2	233.2	240.4	234.1
Kentucky	276.7	272.8	275.2	277.1	277.3	276.6	278.9	277.9	278.2	286.5	286.2	287.0	287.8
Louisiana	339.6	340.2	339.4	340.2	343.2	343.6	343.4	340.6	342.8	349.0	351.8	352.1	352.4
Maine	93.3	92.1	93.4	93.2	93.2	93.8	92.9	94.8	94.3	93.8	93.5	93.1	92.6
Maryland	419.4	419.1	416.4	419.8	419.9	418.9	418.0	414.6	418.7	424.1	423.6	423.1	424.9
Massachusetts	387.8	387.0	388.8	386.5	390.2	388.9	387.5	383.0	385.4	388.7	391.6	392.3	392.4
Michigan	641.6	637.0	637.9	641.4	638.7	637.4	632.3	627.3	632.7	643.3	643.2	649.9	646.2
Minnesota	358.5	359.6	359.5	360.8	362.6	362.3	361.6	360.2	360.2	358.7	359.9	361.5	361.7
Mississippi	211.8	211.5	210.5	212.6	212.3	212.4	211.0	214.4	218.9	211.8	213.3	213.9	214.4
Missouri	382.5	381.0	382.5	382.7	385.4	386.5	388.2	387.2	385.4	385.5	385.6	388.6	389.2
Montana	75.0	74.4	74.6	74.6	75.0	75.6	75.1	75.9	79.1	77.1	76.4	77.5	76.8
Nebraska	150.5	151.1	149.1	149.7	149.5	152.1	149.3	152.7	154.4	153.0	153.7	157.3	152.9
Nevada	90.0	89.4	90.0	91.1	91.8	92.2	90.2	91.0	93.8	95.2	94.1	95.6	95.2
New Hampshire	74.1	75.1	76.6	76.7	75.0	74.2	74.2	76.7	76.9	76.7	75.3	75.1	74.9
New Jersey	569.2	565.2	561.1	562.5	565.0	566.9	566.6	565.9	563.4	565.1	566.6	566.1	567.4
New Mexico	160.0	160.4	160.2	160.6	162.1	162.5	166.0	163.5	163.3	163.1	164.0	167.1	165.8
New York	1,420.2	1,417.5	1,415.6	1,417.2	1,417.6	1,421.8	1,413.8	1,426.2	1,425.4	1,418.1	1,411.0	1,414.1	1,409.1
North Carolina	539.2	539.9	537.6	540.4	541.0	542.9	544.0	541.1	550.9	550.3	554.0	554.9	555.6
North Dakota	66.8	66.6	67.0	66.7	66.5	66.6	66.3	66.6	68.3	68.2	67.3	67.5	67.2
Ohio	739.5	738.0	739.9	740.6	744.5	741.4	747.4	740.5	744.0	752.8	748.0	745.8	747.1
Oklahoma	268.6	269.6	269.2	269.9	271.4	271.9	270.3	268.2	268.5	269.8	267.7	268.0	268.1
Oregon	233.0	233.9	233.7	232.7	233.1	234.4	232.9	234.6	236.7	237.3	238.3	241.5	239.7
Pennsylvania	713.8	710.0	708.3	711.2	714.2	713.3	718.9	706.7	710.3	727.6	720.9	720.1	721.8
Rhode Island	62.4	61.7	62.0	61.4	61.9	61.9	61.8	62.8	62.1	61.5	61.2	62.4	60.9
South Carolina	297.7	299.6	298.8	300.0	300.3	300.4	301.2	301.5	301.3	301.3	299.5	309.3	300.1
South Dakota	66.7	67.4	67.4	67.3	67.5	67.7	68.5	68.8	68.6	69.1	68.8	69.3	68.0
Tennessee	365.1	365.1	365.2	365.9	366.2	366.4	368.9	365.4	366.5	367.0	367.5	367.9	369.4
Texas	1,395.4	1,389.6	1,393.4	1,390.7	1,394.9	1,398.0	1,394.8	1,414.3	1,427.2	1,428.8	1,429.7	1,433.9	1,438.5
Utah	162.0	161.1	161.6	161.2	162.0	162.1	162.7	162.1	162.9	164.0	163.1	163.3	163.9
Vermont	43.5	43.4	44.1	44.4	44.1	44.9	44.7	43.1	43.0	43.9	44.1	44.9	45.1
Virginia	601.5	597.5	598.1	602.4	603.3	602.1	603.5	602.1	604.0	601.5	601.9	602.6	600.9
Washington	431.5	433.5	436.9	432.7	435.1	434.6	437.0	438.1	439.8	438.0	442.2	441.2	441.2
West Virginia	135.5	134.8	135.0	134.6	133.6	140.5	133.9	132.4	135.7	137.7	136.6	147.8	137.6
Wisconsin	362.4	363.0	362.2	363.1	362.8	362.0	362.6	366.0	361.7	362.8	362.4	367.3	363.1
Wyoming	57.8	58.0	57.8	57.2	57.3	57.6	57.5	57.1	58.2	57.6	57.6	58.3	57.6

<sup>1</sup> Includes mining, not shown separately.  
<sup>2</sup> Mining is combined with construction.

<sup>P</sup> = preliminary.  
 NOTE: All State data have been adjusted to March 1993 benchmarks.

**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	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>p</sup>	Jan. <sup>p</sup>
<b>Total private</b> .....	34.8	34.3	34.6	34.7	34.8	34.6	34.6	34.4	34.6	34.9	34.6	34.6	34.9
<b>Mining</b> .....	44.2	44.1	44.4	45.0	44.5	44.8	45.4	44.7	45.0	44.8	45.0	44.7	44.8
<b>Construction</b> .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Manufacturing</b> .....	41.7	41.3	42.1	42.2	42.1	42.0	42.0	42.0	42.0	42.1	42.1	42.2	42.2
<i>Overtime hours</i> .....	4.5	4.5	4.7	4.8	4.7	4.7	4.6	4.6	4.7	4.7	4.8	4.8	4.9
<b>Durable goods</b> .....	42.7	42.2	43.0	43.0	42.9	42.8	42.6	42.8	42.8	42.9	43.0	43.0	43.1
<i>Overtime hours</i> .....	4.8	4.9	5.0	5.2	5.0	5.0	4.9	5.0	5.0	5.0	5.1	5.1	5.3
Lumber and wood products .....	41.7	40.6	41.3	41.4	41.4	41.3	41.1	41.2	40.9	41.4	41.1	41.2	41.3
Furniture and fixtures .....	40.2	39.0	40.6	40.3	40.3	40.8	40.5	40.4	40.7	40.8	40.7	40.4	40.9
Stone, clay, and glass products .....	43.3	42.3	43.6	43.4	43.7	43.6	43.5	43.4	43.6	43.5	43.4	43.5	43.6
Primary metal industries .....	44.2	44.2	44.6	44.9	44.8	44.3	44.4	44.7	44.9	44.9	45.1	45.2	44.7
Blast furnaces and basic steel products .....	43.9	44.3	44.7	45.1	45.1	44.4	44.8	45.0	45.3	45.4	45.5	45.8	45.5
Fabricated metal products .....	42.6	42.3	42.8	43.0	42.8	42.6	42.6	42.8	43.0	42.8	43.1	43.1	43.3
Industrial machinery and equipment .....	43.4	43.1	43.9	43.9	43.8	43.8	43.6	43.4	43.7	43.7	43.8	43.7	44.0
Electronic and other electrical equipment .....	42.1	41.7	42.4	42.6	42.3	42.2	42.2	42.3	42.0	42.3	42.1	42.0	42.2
Transportation equipment .....	44.0	44.0	44.5	44.6	44.3	44.0	43.3	44.4	44.2	44.2	44.8	44.8	44.8
Motor vehicles and equipment .....	46.2	46.3	46.5	46.1	45.8	45.2	44.1	45.9	45.8	45.6	46.7	46.4	46.6
Instruments and related products .....	41.4	41.0	41.7	41.6	41.9	41.6	42.1	41.8	41.7	41.8	41.7	41.6	41.9
Miscellaneous manufacturing .....	40.1	38.9	40.1	40.4	40.2	40.2	40.3	39.9	39.9	40.0	39.9	39.9	40.0
<b>Nondurable goods</b> .....	40.6	40.1	41.0	41.1	41.0	41.0	41.1	40.9	41.0	41.1	41.0	41.1	40.9
<i>Overtime hours</i> .....	4.1	4.1	4.3	4.3	4.2	4.3	4.3	4.2	4.3	4.3	4.3	4.3	4.3
Food and kindred products .....	40.7	40.8	41.2	41.2	41.1	41.3	41.7	41.3	41.3	41.4	41.5	41.6	41.6
Tobacco products .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Textile mill products .....	41.5	40.4	42.2	42.0	41.8	41.9	41.6	41.5	41.5	41.9	41.5	41.7	41.8
Apparel and other textile products .....	36.9	35.8	37.6	38.0	37.8	37.8	37.6	37.7	37.6	37.7	37.6	37.7	37.5
Paper and allied products .....	43.7	43.2	44.1	44.0	44.0	44.0	44.3	44.1	43.9	44.1	43.9	43.9	44.0
Printing and publishing .....	38.3	38.0	38.4	38.8	38.8	38.8	38.6	38.5	38.7	38.7	38.7	38.7	38.4
Chemicals and allied products .....	43.2	42.8	43.3	43.2	43.4	43.3	43.5	43.2	43.1	43.5	43.4	43.2	43.2
Petroleum and coal products .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Rubber and misc. plastics products .....	41.9	41.6	42.6	42.4	42.2	42.2	42.2	42.2	42.4	42.3	42.3	42.4	41.9
Leather and leather products .....	38.6	37.7	38.6	39.0	38.4	38.3	37.9	38.6	38.8	39.1	38.6	38.4	37.4
<b>Transportation and public utilities</b> .....	40.1	39.7	39.8	40.2	40.0	39.9	39.9	39.6	39.9	40.1	39.8	39.6	40.0
<b>Wholesale trade</b> .....	38.5	38.1	38.3	38.4	38.5	38.4	38.3	38.1	38.2	38.6	38.3	38.2	38.5
<b>Retail trade</b> .....	29.0	28.6	28.9	29.0	29.0	29.0	29.0	28.9	28.8	29.2	28.9	28.9	29.2
<b>Finance, insurance, and real estate</b> .....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
<b>Services</b> .....	32.8	32.3	32.4	32.5	32.8	32.4	32.5	32.2	32.5	32.8	32.4	32.4	32.7

<sup>1</sup> Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

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

components and consequently cannot be separated with sufficient precision.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1993 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1990 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	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>p</sup>	Jan. <sup>p</sup>
<b>Total private</b> .....	127.1	125.6	127.3	128.2	129.1	128.8	129.3	128.9	129.7	131.1	130.7	131.0	132.3
<b>Goods-producing</b> .....	105.3	103.9	106.7	107.3	107.4	107.5	107.6	107.8	108.3	108.5	109.2	109.8	110.4
<b>Mining</b> .....	54.6	54.3	54.5	54.9	54.2	55.1	55.7	55.2	55.7	55.3	55.2	54.6	55.3
<b>Construction</b> .....	128.5	124.5	131.0	132.7	134.8	134.0	135.2	134.2	136.0	134.7	137.1	139.1	140.9
<b>Manufacturing</b> .....	103.7	102.8	104.9	105.4	105.1	105.3	105.2	105.7	105.8	106.4	106.9	107.2	107.5
<b>Durable goods</b> .....	102.3	101.4	103.3	104.0	103.8	104.0	103.7	104.7	104.9	105.6	106.5	106.8	107.3
Lumber and wood products .....	131.6	128.2	130.4	131.3	131.6	131.7	131.3	132.0	131.0	133.3	133.4	134.2	134.5
Furniture and fixtures .....	122.9	119.2	124.8	123.5	124.2	126.0	125.7	125.1	126.0	126.3	127.0	126.4	127.9
Stone, clay, and glass products .....	105.2	102.8	106.5	107.3	107.8	107.8	107.8	107.6	107.8	108.1	108.6	109.1	109.9
Primary metal industries .....	87.0	87.3	88.1	88.5	88.5	88.3	88.9	89.6	90.7	91.6	92.5	93.2	91.8
Blast furnaces and basic steel products .....	71.3	71.6	71.6	70.8	70.8	70.5	71.6	71.5	72.4	72.9	73.5	74.0	73.1
Fabricated metal products .....	105.6	105.1	106.7	107.8	107.6	107.9	108.0	109.1	109.6	110.0	111.5	112.3	113.8
Industrial machinery and equipment .....	94.4	94.2	96.1	96.9	96.9	97.5	97.2	97.3	98.4	98.8	99.3	99.4	100.5
Electronic and other electrical equipment .....	101.8	101.2	103.2	104.6	103.8	104.3	104.2	105.5	105.3	106.0	106.3	107.1	107.3
Transportation equipment .....	113.8	113.7	114.8	115.3	114.6	114.5	111.9	116.3	116.2	117.2	119.3	119.7	119.3
Motor vehicles and equipment .....	149.4	149.4	150.3	149.5	147.9	147.7	143.7	153.5	154.1	155.4	159.8	159.5	161.5
Instruments and related products .....	75.2	74.5	75.6	75.2	75.4	74.3	75.1	74.2	74.0	73.8	73.8	73.8	74.2
Miscellaneous manufacturing .....	100.8	97.4	100.8	101.9	101.0	101.4	102.8	102.1	101.0	102.0	102.1	101.8	102.4
<b>Nondurable goods</b> .....	105.7	104.7	107.1	107.4	107.0	107.1	107.2	107.0	107.0	107.5	107.5	107.8	107.7
Food and kindred products .....	112.0	112.7	114.1	113.6	113.2	113.5	114.7	113.6	113.3	113.4	114.6	114.9	115.6
Tobacco products .....	57.1	54.2	58.3	62.0	60.3	58.7	55.7	60.0	59.9	60.0	57.0	60.5	59.0
Textile mill products .....	98.6	96.2	100.6	99.8	99.2	99.4	98.3	98.3	97.8	99.1	98.5	98.8	98.8
Apparel and other textile products .....	86.6	84.0	88.4	89.3	88.9	88.8	88.0	88.5	88.3	88.6	87.5	87.5	86.6
Paper and allied products .....	110.4	109.1	111.2	111.1	111.1	111.1	111.9	111.4	110.4	111.4	111.3	111.1	112.2
Printing and publishing .....	123.5	122.6	124.1	125.5	125.1	125.7	125.3	125.3	125.8	126.1	125.9	126.5	125.4
Chemicals and allied products .....	101.5	100.6	101.4	101.3	101.6	101.6	101.9	100.6	100.9	102.0	101.8	101.7	102.6
Petroleum and coal products .....	81.8	79.7	80.4	82.1	78.7	80.1	80.5	81.0	84.0	82.4	81.1	80.9	77.9
Rubber and misc. plastics products .....	134.7	134.7	138.3	138.3	138.4	138.6	139.2	139.5	140.8	141.0	141.8	143.1	142.5
Leather and leather products .....	55.2	53.9	54.6	55.7	53.7	53.5	52.4	54.0	53.6	53.5	52.8	53.7	52.3
<b>Service-producing</b> .....	136.9	135.3	136.6	137.6	138.8	138.4	139.0	138.3	139.4	141.2	140.3	140.5	142.2
<b>Transportation and public utilities</b> .....	118.9	117.9	118.6	118.4	119.8	119.6	119.6	118.8	119.8	120.5	119.9	120.0	121.5
<b>Wholesale trade</b> .....	114.0	113.1	113.9	114.5	114.8	114.9	114.6	114.7	115.2	116.6	115.9	116.0	117.3
<b>Retail trade</b> .....	125.1	123.6	125.4	126.4	126.6	127.3	128.0	127.6	127.5	129.7	129.1	129.4	131.0
<b>Finance, insurance, and real estate</b> .....	124.3	121.7	121.5	122.0	123.6	121.8	122.4	120.4	120.9	123.8	121.4	121.3	124.3
<b>Services</b> .....	161.2	159.3	160.8	162.5	164.6	163.5	164.6	163.8	165.9	167.9	166.7	167.1	168.8

<sup>1</sup> Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1993 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1990 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		
	Nov. 1994 <sup>r</sup>	Dec. 1994 <sup>r</sup>	Jan. 1995 <sup>P</sup>	Jan. 1994 to Jan. 1995 <sup>P</sup>	Nov. 1994 to Dec. 1994 <sup>r</sup>	Dec. 1994 to Jan. 1995 <sup>P</sup>
<b>Total</b> .....	211,848	213,460	214,963	3.4	0.8	.7
<b>Private sector</b> .....	174,454	175,035	176,636	3.8	.3	.9
Mining .....	1,404	1,381	1,400	-1.2	-1.6	1.4
Construction .....	10,151	10,282	10,416	9.1	1.3	1.3
Manufacturing .....	39,579	39,661	39,753	2.3	.2	.2
Durable goods .....	22,912	22,965	23,073	3.2	.2	.5
Nondurable goods .....	16,666	16,695	16,681	1.2	.2	-.1
Transportation and public utilities .....	12,190	12,217	12,365	2.4	.2	1.2
Wholesale trade .....	12,183	12,181	12,308	2.6	.0	1.0
Retail trade .....	31,040	31,162	31,504	4.9	.4	1.1
Finance, insurance, and real estate .....	12,609	12,589	12,864	.4	-.2	2.2
Services .....	55,298	55,563	56,026	4.7	.5	.8
<b>Government</b> .....	37,394	38,425	38,327	1.6	2.8	-.3

<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 2414, chapter 10, "Productivity Measures: Business Sector and Major Subsectors".  
SOURCE: Office of Productivity and Technology (202—606-5606).

**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	1994												1995
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>p</sup>	Jan. <sup>p</sup>
Average hourly earnings													
<b>Total private</b> (in current dollars) .....	\$11.02	\$11.03	\$11.02	\$11.05	\$11.09	\$11.08	\$11.11	\$11.13	\$11.17	\$11.25	\$11.23	\$11.25	\$11.32
<b>Mining</b> .....	14.88	14.81	14.77	14.87	14.83	14.73	14.80	14.82	14.94	15.06	15.05	15.10	15.06
<b>Construction</b> .....	14.43	14.54	14.47	14.52	14.60	14.67	14.75	14.72	14.82	14.91	14.82	14.76	14.69
<b>Manufacturing</b> .....	11.95	12.01	12.00	12.00	12.00	12.03	12.05	12.08	12.12	12.14	12.17	12.19	12.23
<b>Excluding overtime</b> <sup>2</sup> .....	11.34	11.40	11.37	11.33	11.37	11.40	11.42	11.43	11.46	11.51	<sup>c</sup> 11.52	<sup>c</sup> 11.52	<sup>c</sup> 11.57
<b>Transportation and public utilities</b> .....	13.80	13.82	13.79	13.77	13.80	13.78	13.84	13.87	13.89	14.03	14.09	14.06	14.15
<b>Wholesale trade</b> .....	11.92	11.88	11.88	11.95	11.98	11.99	12.02	12.01	12.04	12.19	12.11	12.14	12.23
<b>Retail trade</b> .....	7.41	7.42	7.43	7.45	7.47	7.47	7.48	7.50	7.52	7.56	7.56	7.61	7.61
<b>Finance, insurance, and real estate</b> .....	11.73	11.67	11.69	11.77	11.83	11.74	11.80	11.80	11.89	12.06	11.98	11.97	12.13
<b>Services</b> .....	10.97	10.96	10.95	10.99	11.04	11.03	11.06	11.08	11.12	11.22	11.17	11.21	11.33
<b>Total private</b> (in constant dollars) <sup>3</sup> .....	7.43	7.42	7.39	7.40	7.42	7.39	7.38	7.36	7.38	7.43	7.39	7.39	( <sup>4</sup> )
Average weekly earnings													
<b>Total private:</b>													
In current dollars .....	383.50	378.33	381.29	383.44	385.93	383.37	384.41	382.87	386.48	392.63	388.56	389.25	395.07
In constant (1982) dollars <sup>3</sup> .....	258.60	254.60	255.73	256.83	258.15	255.58	255.25	253.22	255.27	259.16	255.80	255.75	( <sup>4</sup> )

<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 1993 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1990 forward are subject to revision.

c=corrected.

**Corrected seasonal adjustment factors**

November 1994-April 1995 factors for average hourly earnings, excluding overtime, in manufacturing have been corrected as follows. These factors replace those published in the December 1994 issue of this publication.

1994: November 99.8

December 100.4

1995: January 100.4

February 100.2

March 100.2

April 100.4

**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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>
<b>Total</b> .....		112,374	110,013	115,867	115,864	113,453	-	-	-	-	-
<b>Total private</b> .....		93,135	91,152	96,249	96,373	94,363	75,938	74,037	78,740	78,832	76,860
<b>Mining</b> .....		619	604	605	597	588	440	426	437	430	423
Metal mining .....	10	50.5	49.5	51.5	51.4	51.6	40.8	39.4	41.8	42.0	-
Iron ores .....	101	10.4	10.0	11.1	11.0	-	8.5	8.1	9.2	9.2	-
Copper ores .....	102	15.2	15.1	15.6	15.6	-	12.6	12.6	12.9	12.9	-
Coal mining .....	12	114.5	114.7	114.0	113.2	111.5	92.1	92.1	92.9	92.3	-
Bituminous coal and lignite mining .....	122	106.8	107.1	106.3	105.6	-	85.7	85.8	86.5	86.0	-
Oil and gas extraction .....	13	355.4	347.5	336.4	333.1	330.1	233.6	226.0	223.7	220.9	-
Crude petroleum and natural gas .....	131	167.7	165.7	158.5	157.3	-	82.5	81.1	81.1	79.8	-
Oil and gas field services .....	138	182.5	176.6	171.3	169.1	-	147.5	141.3	138.8	137.6	-
Nonmetallic minerals, except fuels .....	14	98.4	92.7	103.3	99.7	94.5	73.8	68.4	78.5	75.2	-
Crushed and broken stone .....	142	37.9	35.1	39.7	38.5	-	29.6	26.7	31.0	29.8	-
Sand and gravel .....	144	30.7	28.2	33.1	30.9	-	-	-	-	-	-
Chemical and fertilizer minerals .....	147	12.8	12.8	13.1	13.0	-	-	-	-	-	-
<b>Construction</b> .....		4,658	4,324	5,167	4,956	4,617	3,579	3,252	4,031	3,821	3,488
General building contractors .....	15	1,132.2	1,074.1	1,214.0	1,191.4	1,133.7	801.5	747.3	871.0	848.6	-
Residential building construction .....	152	562.9	541.6	596.9	587.1	-	381.4	363.1	409.4	400.7	-
Operative builders .....	153	28.5	28.1	30.3	29.6	-	12.1	11.6	12.9	12.2	-
Nonresidential building construction .....	154	540.8	504.4	586.8	574.7	-	408.0	372.6	448.7	435.7	-
Heavy construction, except building .....	16	672.5	592.5	761.0	683.4	603.5	555.8	478.5	640.7	563.5	-
Highway and street construction .....	161	193.3	152.0	243.2	194.2	-	153.7	115.0	200.7	152.7	-
Heavy construction, except highway .....	162	479.2	440.5	517.8	489.2	-	402.1	363.5	440.0	410.8	-
Special trade contractors .....	17	2,852.9	2,657.0	3,191.5	3,081.3	2,880.0	2,221.2	2,026.2	2,519.6	2,408.7	-
Plumbing, heating, and air conditioning .....	171	647.0	636.1	692.7	692.3	-	474.6	460.8	509.6	509.8	-
Painting and paper hanging .....	172	163.4	144.7	195.1	180.7	-	135.0	115.5	162.2	149.0	-
Electrical work .....	173	543.1	528.6	590.0	590.6	-	422.6	407.8	463.7	463.7	-
Masonry, stonework, and plastering .....	174	401.1	367.8	477.9	452.2	-	341.4	308.0	412.3	386.1	-
Carpentry and floor work .....	175	201.5	199.3	238.9	239.4	-	151.5	148.7	181.0	181.3	-
Roofing, siding, and sheet metal work .....	176	208.3	177.5	233.9	221.7	-	165.8	136.0	188.6	176.0	-
<b>Manufacturing</b> .....		17,949	17,827	18,248	18,226	18,117	12,288	12,198	12,629	12,609	12,517
<b>Durable goods</b> .....		10,169	10,122	10,411	10,419	10,368	6,851	6,821	7,124	7,134	7,085
Lumber and wood products .....	24	711.8	706.5	745.7	741.0	731.8	586.5	582.1	615.7	611.4	601.2
Logging .....	241	78.6	76.5	77.2	75.1	-	64.0	61.9	63.5	61.2	-
Sawmills and planing mills .....	242	181.4	181.0	184.9	184.8	-	157.2	156.9	160.2	159.8	-
Sawmills and planing mills, general .....	2421	144.3	143.9	146.3	146.2	-	124.9	124.5	126.5	126.1	-
Hardwood dimension and flooring mills .....	2426	35.0	35.1	36.4	36.5	-	30.6	30.8	31.9	31.9	-
Millwork, plywood, and structural members .....	243	255.2	254.4	271.4	269.3	-	205.2	204.7	217.8	216.5	-
Millwork .....	2431	104.8	104.7	111.2	110.1	-	81.9	82.2	86.5	86.2	-
Wood kitchen cabinets .....	2434	70.1	70.0	76.3	76.0	-	56.1	55.9	61.3	61.0	-
Hardwood veneer and plywood .....	2435	23.6	23.8	24.8	24.9	-	20.2	20.4	21.5	21.6	-
Softwood veneer and plywood .....	2436	28.0	28.4	28.3	28.3	-	25.2	25.5	25.1	25.1	-
Wood containers .....	244	45.3	44.8	47.6	47.5	-	38.4	37.8	40.4	40.4	-
Wood buildings and mobile homes .....	245	68.0	67.1	77.1	77.1	-	53.9	53.3	62.2	62.1	-
Mobile homes .....	2451	51.9	51.9	59.6	59.8	-	43.2	43.3	50.0	50.2	-
Miscellaneous wood products .....	249	83.3	82.7	87.5	87.2	-	67.8	67.5	71.6	71.4	-
Furniture and fixtures .....	25	491.7	489.9	503.7	502.8	500.7	389.4	387.3	399.7	399.2	396.8
Household furniture .....	251	282.1	281.1	283.3	284.1	-	236.6	235.2	236.7	237.6	-
Wood household furniture .....	2511	123.7	122.7	123.2	123.2	-	106.5	105.1	105.2	105.3	-
Upholstered household furniture .....	2512	93.1	93.2	93.1	93.0	-	78.1	78.3	78.2	78.3	-
Metal household furniture .....	2514	22.7	22.6	23.6	23.8	-	18.8	18.5	19.3	19.6	-
Mattresses and bedsprings .....	2515	29.5	29.6	30.5	31.3	-	22.5	22.6	23.5	24.1	-

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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>b</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>b</sup>
<b>Durable goods—Continued</b>											
<b>Furniture and fixtures—Continued</b>											
Office furniture .....	252	62.1	61.5	63.9	63.6	-	45.4	44.9	46.8	46.9	-
Public building and related furniture .....	253	37.7	37.5	38.8	39.1	-	29.7	29.5	31.1	31.4	-
Partitions and fixtures .....	254	74.2	74.5	81.4	79.8	-	54.0	54.2	60.2	58.4	-
Miscellaneous furniture and fixtures .....	259	35.6	35.3	36.3	36.2	-	23.7	23.5	24.9	24.9	-
Stone, clay, and glass products .....	32	513.8	501.6	540.3	531.6	518.2	395.6	384.0	418.2	410.4	397.9
Flat glass .....	321	14.6	14.5	15.0	15.0	-	11.3	11.2	11.7	11.7	-
Glass and glassware, pressed or blown .....	322	75.4	74.5	73.9	73.9	-	62.9	62.1	61.6	61.8	-
Glass containers .....	3221	33.7	33.4	30.7	30.8	-	30.0	29.7	27.5	27.6	-
Pressed and blown glass, nec .....	3229	41.7	41.1	43.2	43.1	-	32.9	32.4	34.1	34.2	-
Products of purchased glass .....	323	58.6	58.7	61.6	61.8	-	44.4	44.4	46.9	46.8	-
Cement, hydraulic .....	324	17.8	17.7	17.6	17.6	-	13.6	13.5	13.3	13.3	-
Structural clay products .....	325	31.7	31.6	33.3	33.1	-	24.2	24.2	25.8	25.6	-
Pottery and related products .....	326	39.5	39.4	41.8	41.9	-	31.3	31.1	33.6	33.7	-
Concrete, gypsum, and plaster products .....	327	189.2	179.4	206.2	197.7	-	143.3	134.1	157.9	150.0	-
Concrete block and brick .....	3271	16.3	15.4	17.6	16.9	-	10.3	9.6	11.3	10.8	-
Concrete products, nec .....	3272	62.3	61.1	67.5	65.9	-	46.3	44.9	50.6	48.9	-
Ready-mixed concrete .....	3273	93.7	86.1	103.8	97.7	-	73.4	66.3	82.4	76.7	-
Misc. nonmetallic mineral products .....	329	73.7	73.4	77.1	77.1	-	55.1	54.8	57.6	57.8	-
Abrasive products .....	3291	19.4	19.3	20.0	20.0	-	14.6	14.5	14.8	14.6	-
Asbestos products .....	3292	2.9	2.9	2.8	2.7	-	2.3	2.3	2.3	2.2	-
Mineral wool .....	3296	21.9	21.9	23.4	23.3	-	-	-	-	-	-
Primary metal industries .....	33	678.8	678.0	699.5	702.8	700.9	518.5	519.5	541.9	544.8	542.8
Blast furnaces and basic steel products .....	331	237.6	237.2	234.6	235.6	235.3	181.2	181.2	179.5	180.4	179.7
Blast furnaces and steel mills .....	3312	173.1	173.0	170.0	170.7	-	133.0	133.3	131.1	131.7	-
Steel pipe and tubes .....	3317	25.8	25.5	25.4	25.6	-	19.0	18.7	18.8	19.0	-
Iron and steel foundries .....	332	120.0	119.7	128.9	130.0	-	96.0	96.2	105.0	106.0	-
Gray and ductile iron foundries .....	3321	76.9	76.2	81.2	82.0	-	62.1	61.8	66.7	67.5	-
Malleable iron foundries .....	3322	5.2	5.5	5.7	5.9	-	4.1	4.2	4.4	4.5	-
Steel foundries, nec .....	3325	24.7	24.8	27.0	27.1	-	19.6	19.8	22.0	22.1	-
Primary nonferrous metals .....	333	40.2	39.9	39.8	39.9	-	30.0	30.0	30.1	30.1	-
Primary aluminum .....	3334	22.8	22.7	22.3	22.4	-	17.7	17.7	17.5	17.5	-
Nonferrous rolling and drawing .....	335	160.1	159.9	166.0	166.3	-	117.2	117.5	124.6	125.0	-
Copper rolling and drawing .....	3351	21.7	21.6	22.1	22.1	-	16.5	16.5	17.3	17.3	-
Aluminum sheet, plate, and foil .....	3353	23.6	23.6	22.8	22.6	-	15.9	16.1	16.3	16.1	-
Nonferrous wire drawing and insulating .....	3357	68.9	68.7	73.9	73.9	-	50.7	50.6	55.0	55.1	-
Nonferrous foundries (castings) .....	336	79.1	79.5	87.0	87.7	-	63.9	64.2	71.0	71.5	-
Aluminum foundries .....	3365	22.5	22.4	25.1	25.3	-	18.1	18.1	20.7	20.8	-
Fabricated metal products .....	34	1,343.1	1,338.5	1,396.2	1,402.4	1,401.3	997.5	992.9	1,048.9	1,053.8	1,052.3
Metal cans and shipping containers .....	341	40.0	39.8	39.7	39.2	-	34.2	34.0	33.9	33.4	-
Metal cans .....	3411	32.2	32.0	32.1	31.5	-	27.9	27.7	27.8	27.2	-
Cutlery, handtools, and hardware .....	342	125.1	125.2	130.7	131.4	-	93.4	93.6	98.8	99.5	-
Hand and edge tools, and blades and handsaws .....	3423.5	42.7	43.1	44.6	44.9	-	32.4	32.8	34.6	34.8	-
Hardware, nec .....	3429	70.6	70.4	73.7	74.0	-	53.0	52.8	55.7	56.1	-
Plumbing and heating, except electric .....	343	58.1	57.9	60.5	61.0	-	41.9	41.8	44.1	44.6	-
Plumbing fixture fittings and trim .....	3432	24.5	24.8	24.6	25.1	-	18.4	18.7	18.5	19.1	-
Heating equipment, except electric .....	3433	20.0	19.6	22.1	22.0	-	13.3	12.9	15.0	14.9	-
Fabricated structural metal products .....	344	396.5	392.9	411.5	411.5	-	284.4	280.6	299.1	299.3	-
Fabricated structural metal .....	3441	67.2	66.6	69.3	69.3	-	48.0	47.4	50.5	51.0	-
Metal doors, sash, and trim .....	3442	72.0	71.0	76.3	74.7	-	52.4	51.7	56.5	55.0	-
Fabricated plate work (boiler shops) .....	3443	95.9	95.5	95.5	96.3	-	66.5	65.8	67.3	68.1	-
Sheet metal work .....	3444	99.0	97.9	103.8	104.2	-	75.0	73.7	79.1	79.5	-
Architectural metal work .....	3446	25.6	25.4	27.0	27.0	-	18.1	17.9	19.3	19.1	-
Screw machine products, bolts, etc .....	345	92.0	92.1	97.4	98.4	-	70.7	71.1	76.5	77.3	-
Screw machine products .....	3451	46.7	46.8	50.5	50.9	-	37.9	38.0	41.2	41.6	-
Bolts, nuts, rivets, and washers .....	3452	45.3	45.3	46.9	47.5	-	32.8	33.1	35.3	35.7	-
Metal forgings and stampings .....	346	224.4	224.7	235.6	238.8	-	179.9	179.8	189.2	192.0	-
Iron and steel forgings .....	3462	29.2	29.2	30.1	30.5	-	22.4	22.4	23.4	23.7	-
Automotive stampings .....	3465	103.7	103.8	108.2	110.2	-	87.9	88.0	91.4	93.2	-
Metal stampings, nec .....	3469	80.6	80.8	86.0	86.8	-	61.7	61.5	66.1	66.7	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>b</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>b</sup>
<b>Durable goods—Continued</b>											
Fabricated metal products—Continued											
Metal services, nec .....	347	117.2	116.8	122.7	122.9	-	91.5	91.0	96.2	96.3	-
Plating and polishing .....	3471	73.2	72.9	75.9	76.1	-	56.9	56.5	59.4	59.4	-
Metal coating and allied services .....	3479	44.0	43.9	46.8	46.8	-	34.6	34.5	36.8	36.9	-
Ordnance and accessories, nec .....	348	56.2	55.5	53.5	53.5	-	31.3	31.0	30.1	30.1	-
Ammunition, except for small arms, nec .....	3483	33.3	32.7	30.7	30.8	-	16.2	16.0	14.5	14.5	-
Miscellaneous fabricated metal products .....	349	233.6	233.6	244.6	245.7	-	170.2	170.0	181.0	181.3	-
Valves and pipe fittings, nec .....	3494	24.8	24.8	25.2	25.4	-	18.4	18.4	18.9	19.1	-
Misc. fabricated wire products .....	3496	54.0	53.7	55.9	56.1	-	41.1	40.8	43.0	43.1	-
Industrial machinery and equipment .....	35	1,919.8	1,922.8	1,960.9	1,969.3	1,977.7	1,175.8	1,181.2	1,227.4	1,235.5	1,241.5
Engines and turbines .....	351	88.8	88.8	88.2	88.2	-	55.7	55.8	56.5	56.2	-
Turbines and turbine generator sets .....	3511	28.5	28.4	27.6	27.3	-	16.6	16.7	16.1	15.8	-
Internal combustion engines, nec .....	3519	60.3	60.4	60.6	60.9	-	39.1	39.1	40.4	40.4	-
Farm and garden machinery .....	352	100.7	102.3	103.5	104.5	-	73.6	75.2	76.4	77.5	-
Farm machinery and equipment .....	3523	74.2	75.0	76.8	76.7	-	52.8	53.6	55.5	55.4	-
Construction and related machinery .....	353	210.6	210.8	208.9	210.1	-	131.2	131.3	133.9	135.5	-
Construction machinery .....	3531	78.4	78.8	74.5	75.3	-	50.1	50.2	49.5	50.5	-
Mining machinery .....	3532	14.6	14.6	15.4	15.5	-	8.6	8.6	9.2	9.2	-
Oil and gas field machinery .....	3533	38.2	38.0	35.8	35.4	-	24.9	25.1	24.0	23.8	-
Conveyors and conveying equipment .....	3535	36.4	36.4	38.5	38.9	-	20.6	20.5	22.2	22.7	-
Industrial trucks and tractors .....	3537	26.7	26.8	29.1	29.4	-	17.7	17.6	19.7	20.0	-
Metalworking machinery .....	354	309.6	310.6	322.8	324.9	-	218.1	218.5	228.5	230.4	-
Machine tools, metal cutting types .....	3541	36.5	36.3	38.4	38.7	-	22.2	22.1	23.7	23.8	-
Machine tools, metal forming types .....	3542	15.2	15.4	16.2	16.3	-	9.5	9.7	10.3	10.5	-
Special dies, tools, jigs, and fixtures .....	3544	146.1	146.6	151.9	152.8	-	111.6	111.7	115.6	116.5	-
Machine tool accessories .....	3545	48.7	48.8	51.1	51.6	-	33.6	33.7	35.8	36.3	-
Power driven handtools .....	3546	23.9	24.1	23.7	23.9	-	16.2	16.4	16.1	16.2	-
Special industry machinery .....	355	149.0	148.8	156.1	157.8	-	85.6	85.7	91.0	92.2	-
Textile machinery .....	3552	15.6	15.4	15.4	15.5	-	10.4	10.3	10.1	10.3	-
Printing trades machinery .....	3555	20.5	20.5	20.7	21.0	-	10.8	10.7	11.1	11.4	-
Food products machinery .....	3556	22.8	22.8	23.6	23.9	-	13.7	13.9	14.6	14.8	-
General industrial machinery .....	356	235.5	235.4	243.4	244.7	-	148.9	149.0	156.3	157.0	-
Pumps and pumping equipment .....	3561	30.1	29.9	30.1	30.1	-	16.5	16.4	16.9	16.8	-
Ball and roller bearings .....	3562	36.5	36.4	37.1	37.1	-	28.7	28.7	29.4	29.4	-
Air and gas compressors .....	3563	25.3	25.3	26.3	26.3	-	13.4	13.6	14.8	14.9	-
Blowers and fans .....	3564	32.7	32.6	34.0	34.1	-	22.1	21.9	23.2	23.1	-
Speed changers, drives, and gears .....	3566	15.4	15.4	15.5	15.6	-	10.8	10.7	10.8	11.0	-
Power transmission equipment, nec .....	3568	19.2	19.3	20.2	20.4	-	12.8	12.9	13.6	13.7	-
Computer and office equipment .....	357	345.9	345.1	330.3	328.7	-	115.7	118.1	114.3	114.4	-
Electronic computers .....	3571	202.1	201.8	186.7	185.7	-	52.2	54.4	52.6	52.7	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	52.0	52.1	52.5	52.5	-	21.7	22.0	19.3	19.3	-
Refrigeration and service machinery .....	358	179.6	181.3	194.4	194.7	-	126.7	127.4	138.0	138.0	-
Refrigeration and heating equipment .....	3585	122.1	123.6	132.7	132.6	-	90.3	91.0	98.8	98.5	-
Misc. industrial and commercial machinery .....	359	300.1	299.7	313.3	315.7	-	220.3	220.2	232.5	234.3	-
Carburetors, pistons, rings, valves .....	3592	20.8	21.2	22.5	22.8	-	16.9	17.2	18.3	18.5	-
Scales, balances, and industrial machinery, nec .....	3596,9	236.8	236.1	246.7	248.5	-	178.6	178.2	187.7	189.2	-
Electronic and other electrical equipment .....	36	1,528.7	1,522.1	1,580.7	1,587.3	1,581.6	981.5	974.5	1,025.1	1,031.2	1,024.1
Electric distribution equipment .....	361	80.4	80.3	80.4	79.9	-	56.2	56.1	56.9	56.4	-
Transformers, except electronic .....	3612	40.6	40.6	40.2	40.1	-	29.2	29.3	29.9	29.7	-
Switchgear and switchboard apparatus .....	3613	39.8	39.7	40.2	39.8	-	27.0	26.8	27.0	26.7	-
Electrical industrial apparatus .....	362	155.5	155.8	160.8	161.5	-	108.6	108.5	113.5	114.2	-
Motors and generators .....	3621	76.9	76.9	80.1	80.7	-	59.3	59.3	62.7	63.1	-
Relays and industrial controls .....	3625	59.7	59.8	60.7	60.8	-	35.7	35.5	36.1	36.4	-
Household appliances .....	363	122.4	119.5	126.7	126.1	-	98.9	96.6	104.3	104.2	-
Household refrigerators and freezers .....	3632	29.5	28.6	30.0	29.9	-	25.7	24.8	26.3	26.3	-
Household laundry equipment .....	3633	16.3	16.3	18.0	18.1	-	12.8	13.1	15.5	15.7	-
Electric housewares and fans .....	3634	29.1	27.1	30.6	29.7	-	23.1	21.2	24.4	23.6	-

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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>b</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>b</sup>
<b>Durable goods—Continued</b>											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment .....	364	173.6	173.7	181.9	183.6	-	125.8	125.8	131.8	133.3	-
Electric lamps .....	3643	21.7	21.6	23.1	23.5	-	17.1	17.0	17.6	18.0	-
Current-carrying wiring devices .....	3643	62.2	62.6	65.1	65.4	-	41.9	42.1	44.0	44.2	-
Noncurrent-carrying wiring devices .....	3644	19.2	19.2	20.0	20.1	-	13.9	14.0	14.9	15.1	-
Residential lighting fixtures .....	3645	19.3	19.1	19.6	19.7	-	14.7	14.6	14.8	14.9	-
Household audio and video equipment .....	365	84.5	84.1	89.6	90.8	-	56.4	55.7	60.8	62.1	-
Household audio and video equipment .....	3651	60.2	59.8	61.9	62.9	-	38.4	37.7	39.8	40.7	-
Communications equipment .....	366	234.3	232.8	238.6	239.4	-	120.5	119.2	122.0	122.5	-
Telephone and telegraph apparatus .....	3661	107.0	106.1	107.8	108.2	-	59.0	58.2	59.3	59.7	-
Electronic components and accessories .....	367	524.5	523.6	547.5	550.6	-	306.9	305.3	325.9	329.2	-
Electron tubes .....	3671	24.2	24.5	24.7	24.9	-	16.4	16.5	16.3	16.6	-
Semiconductors and related devices .....	3674	216.2	215.7	228.8	229.7	-	91.8	91.0	101.1	102.2	-
Electronic components, nec .....	3679	126.2	126.8	128.2	128.8	-	82.0	82.2	85.5	86.2	-
Misc. electrical equipment and supplies .....	369	153.5	152.3	155.2	155.4	-	108.2	107.3	109.9	109.3	-
Storage batteries .....	3691	26.3	26.0	26.6	26.6	-	20.3	20.1	20.8	20.8	-
Engine electrical equipment .....	3694	67.3	67.2	69.2	69.8	-	52.2	52.1	53.7	53.3	-
Transportation equipment .....	37	1,734.1	1,725.2	1,749.6	1,755.3	1,740.2	1,112.7	1,112.5	1,155.2	1,162.3	1,148.7
Motor vehicles and equipment .....	371	860.1	860.1	915.7	922.8	916.2	658.2	660.4	712.1	719.4	709.1
Motor vehicles and car bodies .....	3711	333.3	331.9	351.1	353.8	-	235.5	236.3	256.0	259.0	-
Truck and bus bodies .....	3713	35.0	35.5	37.2	37.8	-	27.9	28.3	30.0	30.6	-
Motor vehicle parts and accessories .....	3714	443.1	443.5	476.0	479.0	-	355.5	356.3	384.3	387.3	-
Truck trailers .....	3715	31.2	31.5	32.6	33.2	-	25.5	25.5	26.8	27.2	-
Aircraft and parts .....	372	509.8	502.9	466.3	464.6	458.2	234.0	232.0	214.5	214.2	-
Aircraft .....	3721	286.8	282.7	262.8	260.7	-	114.8	113.7	103.8	102.9	-
Aircraft engines and engine parts .....	3724	102.6	100.9	92.1	92.5	-	49.8	49.4	46.0	46.3	-
Aircraft parts and equipment, nec .....	3728	120.4	119.3	111.4	111.4	-	69.4	68.9	64.7	65.0	-
Ship and boat building and repairing .....	373	155.3	154.9	161.0	161.5	-	120.5	120.2	124.5	125.0	-
Ship building and repairing .....	3731	109.5	109.2	106.9	107.1	-	83.0	82.5	78.9	79.1	-
Boat building and repairing .....	3732	45.8	45.7	54.1	54.4	-	37.5	37.7	45.6	45.9	-
Railroad equipment .....	374	30.9	31.0	33.7	33.8	-	23.0	23.1	25.7	25.8	-
Guided missiles, space vehicles, and parts .....	376	114.9	113.2	105.8	105.3	-	32.8	32.5	30.3	30.2	-
Guided missiles and space vehicles .....	3761	81.9	80.5	75.5	75.2	-	21.4	21.1	19.8	19.7	-
Miscellaneous transportation equipment .....	379	45.5	45.8	48.9	48.9	-	30.9	31.3	34.8	34.5	-
Travel trailers and campers .....	3792	19.8	20.0	22.2	22.5	-	16.2	16.4	18.6	18.9	-
Instruments and related products .....	38	874.1	869.2	846.7	845.1	839.5	427.5	425.5	415.1	415.4	414.4
Search and navigation equipment .....	381	194.5	191.8	173.3	172.5	-	61.4	60.0	52.9	52.6	-
Measuring and controlling devices .....	382	276.4	276.3	277.9	278.7	-	140.8	140.6	142.3	143.3	-
Environmental controls .....	3822	42.0	42.2	44.1	44.1	-	27.5	27.5	29.1	29.3	-
Process control instruments .....	3823	58.6	58.9	58.1	58.3	-	27.5	27.8	27.6	27.9	-
Instruments to measure electricity .....	3825	70.3	70.5	69.6	69.5	-	33.1	33.1	32.0	31.9	-
Medical instruments and supplies .....	384	267.8	267.1	264.1	264.1	-	154.4	154.4	151.2	151.5	-
Surgical and medical instruments .....	3841	111.6	110.8	108.3	108.1	-	66.9	67.0	64.6	64.7	-
Surgical appliances and supplies .....	3842	94.2	94.8	94.8	94.8	-	59.6	59.7	60.0	60.1	-
Ophthalmic goods .....	385	38.8	38.5	36.4	36.6	-	26.0	26.0	23.7	23.8	-
Photographic equipment and supplies .....	386	88.1	87.1	86.1	84.4	-	38.1	37.7	37.8	37.1	-
Watches, clocks, watchcases, and parts .....	387	8.5	8.4	8.9	8.8	-	6.8	6.8	7.2	7.1	-
Miscellaneous manufacturing industries .....	39	373.4	368.4	388.1	381.4	375.9	266.2	261.1	276.7	269.5	265.5
Jewelry, silverware, and plated ware .....	391	51.7	50.6	53.4	52.2	-	37.0	35.7	37.4	36.0	-
Jewelry, precious metal .....	3911	38.6	37.6	40.5	39.2	-	27.5	26.3	28.2	26.9	-
Musical instruments .....	393	13.3	13.3	14.0	13.9	-	10.8	10.7	11.3	11.4	-
Toys and sporting goods .....	394	108.4	107.0	113.8	112.1	-	76.7	75.3	81.6	79.4	-
Dolls, games, toys, and children's vehicles .....	3942,4	42.5	41.2	44.5	43.0	-	28.9	27.5	30.1	28.4	-
Sporting and athletic goods, nec .....	3949	65.9	65.8	69.3	69.1	-	47.8	47.8	51.5	51.0	-
Pens, pencils, office, and art supplies .....	395	32.8	32.5	31.4	31.7	-	21.9	21.8	21.0	21.3	-
Costume jewelry and notions .....	396	28.9	28.5	29.7	28.6	-	22.1	21.5	21.2	20.1	-
Costume jewelry .....	3961	18.0	17.6	18.6	17.3	-	13.5	12.9	13.0	11.9	-
Miscellaneous manufactures .....	399	138.3	136.5	145.8	142.9	-	97.7	96.1	104.2	101.3	-
Signs and advertising specialties .....	3993	57.7	57.4	60.2	60.3	-	39.0	38.7	40.7	40.8	-

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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>e</sup>	Jan. 1995 <sup>e</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>e</sup>	Jan. 1995 <sup>e</sup>
<b>Nondurable goods</b> .....		7,780	7,705	7,837	7,807	7,749	5,437	5,377	5,505	5,475	5,432
Food and kindred products .....	20	1,655.1	1,621.4	1,678.3	1,653.5	1,629.8	1,207.9	1,178.4	1,233.5	1,209.6	1,190.8
Meat products .....	201	447.2	440.8	455.0	456.9	-	380.4	373.8	386.7	388.8	-
Meat packing plants .....	2011	137.4	136.0	137.9	138.2	-	116.2	114.4	116.2	116.5	-
Sausages and other prepared meats .....	2013	90.7	88.9	91.5	91.4	-	69.9	68.5	70.5	70.5	-
Poultry slaughtering and processing .....	2015	219.1	215.9	225.6	227.3	-	194.3	190.9	200.0	201.8	-
Dairy products .....	202	151.6	149.4	150.6	149.9	-	95.8	93.9	95.6	94.8	-
Cheese, natural and processed .....	2022	40.9	39.6	40.9	40.6	-	33.1	32.0	33.0	32.7	-
Fluid milk .....	2026	69.7	69.3	68.0	67.9	-	36.5	36.3	36.2	36.0	-
Preserved fruits and vegetables .....	203	222.3	213.2	238.8	222.2	-	182.0	173.3	198.7	182.1	-
Canned specialties .....	2032	22.7	22.6	22.4	22.3	-	18.8	18.7	18.7	18.5	-
Canned fruits and vegetables .....	2033	65.6	62.1	74.2	64.9	-	52.0	48.9	60.8	51.5	-
Frozen fruits and vegetables .....	2037	45.6	41.3	48.3	44.2	-	39.4	35.3	42.3	37.9	-
Grain mill products .....	204	128.5	126.2	126.0	125.6	-	92.7	90.9	90.0	89.5	-
Flour and other grain mill products .....	2041	20.7	19.5	19.3	19.2	-	14.4	13.3	13.1	13.0	-
Prepared feeds, nec .....	2048	41.7	41.6	41.8	41.8	-	26.8	26.7	26.4	26.3	-
Bakery products .....	205	213.6	208.9	214.9	212.4	-	139.4	136.1	143.1	141.3	-
Bread, cake, and related products .....	2051	151.6	148.7	151.2	150.2	-	90.7	89.5	92.2	91.7	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	62.0	60.2	63.7	62.2	-	48.7	46.6	50.9	49.6	-
Sugar and confectionery products .....	206	109.7	104.8	113.9	109.1	-	86.3	81.2	90.4	85.6	-
Raw cane sugar .....	2061	8.3	7.5	8.9	8.7	-	6.6	5.7	6.9	6.7	-
Cane sugar refining .....	2062	4.9	4.9	4.6	4.5	-	3.5	3.5	3.3	3.2	-
Beet sugar .....	2063	11.8	11.4	13.1	11.8	-	10.3	10.0	11.5	10.3	-
Candy and other confectionery products .....	2064	55.8	53.4	59.0	56.1	-	45.1	42.5	47.9	44.9	-
Fats and oils .....	207	31.4	30.6	32.5	32.3	-	21.6	21.2	21.8	21.7	-
Beverages .....	208	176.3	173.4	175.1	175.3	-	81.5	80.3	82.7	82.7	-
Malt beverages .....	2082	38.4	37.6	37.1	37.0	-	24.4	23.7	24.3	24.4	-
Bottled and canned soft drinks .....	2086	94.3	93.6	95.1	95.6	-	36.0	35.8	37.0	37.3	-
Misc. food and kindred products .....	209	174.5	174.1	171.5	169.8	-	128.2	127.7	124.5	123.1	-
Tobacco products .....	21	44.7	43.3	39.2	41.0	40.5	34.3	33.2	30.3	32.3	32.0
Cigarettes .....	211	28.7	28.5	26.1	26.2	-	21.5	21.5	20.2	20.1	-
Textile mill products .....	22	670.4	667.8	674.9	671.7	666.2	569.7	567.9	572.6	569.3	565.3
Broadwoven fabric mills, cotton .....	221	84.2	83.1	83.7	83.4	-	74.9	74.3	74.0	73.7	-
Broadwoven fabric mills, synthetics .....	222	70.3	70.3	70.5	70.6	-	59.3	59.3	59.9	59.8	-
Broadwoven fabric mills, wool .....	223	17.2	17.3	17.1	16.9	-	14.6	14.7	14.4	14.3	-
Narrow fabric mills .....	224	21.8	21.8	22.9	23.0	-	18.3	18.3	19.3	19.3	-
Knitting mills .....	225	196.0	194.5	196.1	193.4	-	168.8	167.5	168.7	166.2	-
Women's hosiery, except socks .....	2251	26.9	26.7	24.3	23.8	-	23.7	23.5	21.0	20.4	-
Hosiery, nec .....	2252	39.8	38.9	40.9	41.1	-	35.7	34.8	36.2	36.2	-
Knit outerwear mills .....	2253	55.0	55.8	56.3	54.4	-	47.0	47.9	48.3	46.8	-
Knit underwear mills .....	2254	25.6	24.8	24.5	24.6	-	22.2	21.4	21.4	21.5	-
Weft knit fabric mills .....	2257	27.0	26.8	27.1	26.6	-	22.7	22.5	22.9	22.5	-
Textile finishing, except wool .....	226	71.3	71.5	73.2	72.9	-	58.4	58.7	60.2	59.9	-
Finishing plants, cotton .....	2261	33.1	33.0	33.4	33.2	-	27.4	27.5	27.6	27.4	-
Finishing plants, synthetics .....	2262	24.2	24.2	24.9	24.8	-	19.3	19.2	20.1	20.0	-
Carpets and rugs .....	227	61.0	61.3	65.0	65.4	-	48.9	49.0	52.0	52.4	-
Yarn and thread mills .....	228	97.0	96.6	94.1	94.5	-	86.8	86.3	83.5	83.8	-
Yarn spinning mills .....	2281	75.6	75.0	72.4	72.5	-	68.3	67.8	65.0	65.2	-
Throwing and winding mills .....	2282	14.4	14.5	14.4	14.6	-	12.4	12.5	12.3	12.4	-
Miscellaneous textile goods .....	229	51.6	51.4	52.3	51.6	-	39.7	39.8	40.6	39.9	-
Apparel and other textile products .....	23	958.5	944.8	955.2	943.4	926.7	802.1	788.7	800.1	788.8	774.8
Men's and boys' suits and coats .....	231	42.2	41.8	39.5	38.9	-	35.1	34.7	32.7	32.2	-
Men's and boys' furnishings .....	232	268.5	263.8	263.1	263.3	-	231.9	227.2	226.7	227.2	-
Men's and boys' shirts .....	2321	62.5	60.6	59.5	59.5	-	53.8	52.0	50.9	50.9	-
Men's and boys' trousers and slacks .....	2325	79.3	78.3	79.6	79.7	-	69.5	67.9	68.9	69.3	-
Men's and boys' work clothing .....	2326	42.7	41.6	41.2	41.5	-	37.3	36.3	36.1	36.4	-
Women's and misses' outerwear .....	233	282.1	278.9	282.0	273.1	-	234.6	231.9	234.8	226.3	-
Women's and misses' blouses and shirts .....	2331	29.7	29.6	28.7	28.4	-	24.0	23.9	22.9	22.8	-
Women's, juniors', and misses' dresses .....	2335	47.6	47.0	45.2	43.3	-	37.7	36.9	36.1	34.3	-
Women's and misses' suits and coats .....	2337	29.9	28.3	28.4	25.9	-	24.3	22.8	22.5	20.4	-
Women's and misses' outerwear, nec .....	2339	174.9	174.0	179.7	175.5	-	148.6	148.3	153.3	148.8	-

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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>P</sup>	Jan. 1995 <sup>P</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>P</sup>	Jan. 1995 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
<b>Apparel and other textile products—Continued</b>											
Women's and children's undergarments .....	234	53.2	52.0	53.7	53.6	-	44.1	43.0	44.8	44.7	-
Women's and children's underwear .....	2341	41.2	40.2	41.2	41.0	-	35.5	34.5	35.8	35.6	-
Brassieres, girdles, and allied garments .....	2342	12.0	11.8	12.5	12.6	-	8.6	8.5	9.0	9.1	-
Girls' and children's outerwear .....	236	46.7	45.8	45.1	44.7	-	39.4	38.9	38.3	37.9	-
Girls' and children's dresses and blouses .....	2361	20.1	19.8	18.8	18.8	-	16.8	16.9	16.0	16.0	-
Misc. apparel and accessories .....	238	39.6	39.0	40.2	38.6	-	31.9	31.3	32.8	31.3	-
Misc. fabricated textile products .....	239	205.4	202.9	210.5	210.3	-	167.7	164.6	172.6	172.0	-
Curtains and draperies .....	2391	21.8	21.4	22.1	22.0	-	17.4	16.9	17.7	17.6	-
House furnishings, nec .....	2392	51.6	51.2	52.0	51.6	-	43.9	43.3	44.4	44.0	-
Automotive and apparel trimmings .....	2396	52.6	52.2	55.4	55.7	-	42.6	42.2	45.2	45.2	-
Paper and allied products .....	26	685.1	681.8	685.2	685.6	684.2	516.8	514.0	520.1	519.4	519.1
Paper mills .....	262	168.3	168.5	164.3	164.7	-	128.2	128.8	126.6	126.6	-
Paperboard mills .....	263	50.6	50.5	49.2	49.5	-	38.7	38.9	37.9	38.0	-
Paperboard containers and boxes .....	265	212.4	211.4	216.6	216.7	-	165.9	164.9	169.7	169.9	-
Corrugated and solid fiber boxes .....	2653	124.3	124.6	128.8	129.1	-	94.0	94.1	97.4	97.8	-
Sanitary food containers .....	2656	16.4	16.4	15.9	15.7	-	14.4	14.5	14.0	13.8	-
Folding paperboard boxes .....	2657	48.5	48.1	48.9	49.1	-	39.2	38.9	40.0	40.2	-
Misc. converted paper products .....	267	240.8	238.4	242.2	241.7	-	174.0	171.5	176.0	174.9	-
Paper, coated and laminated, nec .....	2672	46.1	45.7	45.9	45.9	-	22.2	21.8	21.9	21.8	-
Bags: plastics, laminated, and coated .....	2673	37.9	37.6	38.6	38.7	-	28.5	28.0	28.8	28.9	-
Envelopes .....	2677	23.9	23.9	23.5	23.7	-	18.7	18.7	18.4	18.5	-
Printing and publishing .....	27	1,523.1	1,516.9	1,542.4	1,551.2	1,543.0	839.6	835.0	845.9	853.6	845.6
Newspapers .....	271	454.4	450.5	456.4	458.3	-	158.8	156.0	158.2	159.5	-
Periodicals .....	272	128.3	128.0	130.9	131.8	-	44.0	43.5	42.2	42.6	-
Books .....	273	121.6	123.5	123.2	127.1	-	65.0	66.9	64.3	68.0	-
Book publishing .....	2731	83.3	84.6	85.0	86.9	-	33.8	35.3	33.5	35.8	-
Book printing .....	2732	38.3	38.9	38.2	40.2	-	31.2	31.6	30.8	32.2	-
Miscellaneous publishing .....	274	79.4	79.9	78.6	78.4	-	38.2	38.8	37.0	37.6	-
Commercial printing .....	275	542.0	539.8	556.2	558.6	-	392.0	390.5	403.3	404.6	-
Commercial printing, lithographic .....	2752	353.0	351.7	361.4	362.7	-	254.0	253.3	260.2	261.2	-
Commercial printing, nec .....	2759	168.9	168.3	174.3	175.6	-	121.7	121.2	126.3	126.8	-
Manifold business forms .....	276	47.0	47.0	44.7	45.0	-	33.6	33.5	31.6	32.0	-
Blankbooks and bookbinding .....	278	67.9	66.7	69.2	69.6	-	51.6	50.5	53.1	53.7	-
Printing trade services .....	279	55.4	54.8	55.3	55.1	-	39.9	39.7	39.8	39.6	-
Chemicals and allied products .....	28	1,069.2	1,059.1	1,045.2	1,045.5	1,043.0	575.4	571.2	572.2	574.0	578.0
Industrial inorganic chemicals .....	281	132.1	131.4	129.4	129.3	-	57.4	57.3	56.1	56.4	-
Industrial inorganic chemicals, nec .....	2819	84.9	84.4	83.0	82.9	-	38.2	38.2	36.7	36.9	-
Plastics materials and synthetics .....	282	162.7	161.5	155.5	155.5	-	107.1	107.2	105.1	105.1	-
Plastics materials and resins .....	2821	79.4	79.3	78.4	78.8	-	50.3	50.4	50.1	50.5	-
Organic fibers, noncellulosic .....	2824	55.4	54.5	50.5	50.0	-	37.8	37.6	37.1	36.7	-
Drugs .....	283	266.5	264.4	263.1	264.1	-	120.1	118.6	122.0	124.0	-
Pharmaceutical preparations .....	2834	218.5	216.4	214.6	215.5	-	100.9	99.7	102.6	104.3	-
Soap, cleaners, and toilet goods .....	284	156.4	153.0	150.9	150.7	-	96.6	94.8	93.1	92.6	-
Soap and other detergents .....	2841	44.9	43.6	41.8	41.9	-	27.0	25.8	24.1	23.9	-
Polishing, sanitation, and finishing preparations .....	2842,3	43.3	43.3	44.5	44.5	-	25.1	25.1	26.0	26.1	-
Toilet preparations .....	2844	68.2	66.1	64.6	64.3	-	44.5	43.9	43.0	42.6	-
Paints and allied products .....	285	57.3	57.1	58.0	57.7	-	29.8	29.9	30.4	30.1	-
Industrial organic chemicals .....	286	148.0	146.3	143.0	142.9	-	80.1	79.5	79.8	80.1	-
Cyclic crudes and intermediates .....	2865	25.9	25.9	26.2	26.2	-	14.8	14.8	15.1	15.1	-
Industrial organic chemicals, nec .....	2869	119.4	117.7	114.2	114.1	-	63.3	62.7	62.8	63.1	-
Agricultural chemicals .....	287	55.3	55.1	55.2	55.0	-	31.4	31.6	31.9	31.9	-
Miscellaneous chemical products .....	289	90.9	90.3	90.1	90.3	-	52.9	52.3	53.8	53.8	-
Petroleum and coal products .....	29	146.8	144.0	149.4	147.1	144.7	93.9	91.5	97.2	93.7	90.2
Petroleum refining .....	291	110.2	109.5	110.0	110.4	-	69.8	69.5	70.2	69.6	-
Asphalt paving and roofing materials .....	295	24.2	22.1	27.0	24.2	-	17.7	15.7	20.4	17.5	-
Rubber and misc. plastics products .....	30	910.3	910.4	953.4	954.0	957.8	704.3	705.3	742.2	743.9	745.6
Tires and inner tubes .....	301	81.2	80.3	76.3	77.3	-	58.7	58.6	54.4	55.3	-
Rubber and plastics footwear .....	302	10.2	10.2	10.8	10.8	-	8.4	8.2	8.5	8.4	-
Hose, belting, gaskets, and packing .....	305	60.9	61.4	65.5	65.2	-	46.2	46.5	50.4	50.3	-
Rubber and plastics hose and belting .....	3052	24.0	24.1	25.9	25.4	-	18.8	18.9	20.4	20.0	-
Fabricated rubber products, nec .....	306	102.8	103.5	106.9	107.0	-	77.6	78.4	82.2	82.6	-
Miscellaneous plastics products, nec .....	308	655.2	655.0	693.9	693.7	-	513.4	513.6	546.7	547.3	-

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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Leather and leather products .....	31	116.9	115.5	114.2	113.7	113.4	92.9	91.8	90.4	90.4	90.1
Leather tanning and finishing .....	311	15.3	15.1	14.4	14.8	-	12.6	12.4	11.8	12.3	-
Footwear, except rubber .....	314	63.0	62.1	59.0	58.7	-	51.5	50.9	48.4	48.4	-
Men's footwear, except athletic .....	3143	31.1	30.5	28.4	28.6	-	24.0	23.5	22.2	22.5	-
Women's footwear, except athletic .....	3144	21.6	21.3	19.3	19.3	-	18.6	18.5	16.2	16.3	-
Luggage .....	316	10.3	10.2	11.3	11.1	-	7.6	7.6	8.7	8.5	-
Handbags and personal leather goods .....	317	12.1	12.0	12.7	12.4	-	8.3	8.1	8.7	8.4	-
<b>Transportation and public utilities .....</b>		<b>5,847</b>	<b>5,730</b>	<b>5,932</b>	<b>5,970</b>	<b>5,864</b>	<b>4,890</b>	<b>4,785</b>	<b>4,972</b>	<b>5,005</b>	<b>4,898</b>
Transportation .....		3,668	3,559	3,756	3,795	3,703	-	-	-	-	-
Railroad transportation .....	40	246.8	242.3	247.7	245.8	240.0	-	-	-	-	-
Class I railroads <sup>2</sup> .....	4011	214.5	210.7	215.9	214.2	-	-	-	-	-	-
Local and interurban passenger transit .....	41	391.5	386.9	409.4	411.4	408.2	359.6	355.3	376.6	379.3	-
Local and suburban transportation .....	411	173.5	172.7	179.7	181.0	-	157.6	156.8	162.9	164.5	-
Taxicabs .....	412	30.1	29.9	30.9	31.2	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	21.9	22.0	22.5	22.1	-	19.4	19.5	20.2	20.0	-
School buses .....	415	137.9	136.0	146.9	148.5	-	-	-	-	-	-
Trucking and warehousing .....	42	1,750.5	1,663.0	1,810.5	1,841.4	1,760.1	1,518.0	1,438.6	1,575.2	1,601.6	-
Trucking and courier services, except air .....	421	1,615.9	1,531.0	1,664.4	1,698.3	-	1,404.6	1,327.9	1,451.3	1,481.2	-
Public warehousing and storage .....	422	130.2	127.6	141.1	138.0	-	109.4	106.7	119.4	115.8	-
Water transportation .....	44	162.8	157.6	162.7	162.3	161.3	-	-	-	-	-
Water transportation of freight, nec .....	444	12.8	12.2	11.6	11.6	-	-	-	-	-	-
Water transportation services .....	449	104.5	100.4	108.1	108.1	-	92.3	89.0	96.2	95.2	-
Transportation by air .....	45	740.3	734.8	732.9	739.6	737.0	-	-	-	-	-
Air transportation, scheduled .....	451	610.7	605.9	601.8	605.5	-	-	-	-	-	-
Air transportation, scheduled .....	4512	494.4	491.2	473.6	474.4	-	-	-	-	-	-
Airports, flying fields, and services .....	458	99.4	98.3	99.5	101.8	-	-	-	-	-	-
Pipelines, except natural gas .....	46	18.0	17.7	17.7	17.5	17.2	14.0	13.7	13.8	13.6	-
Transportation services .....	47	357.8	357.0	374.6	377.0	379.2	281.2	280.5	297.2	299.6	-
Passenger transportation arrangement .....	472	187.0	187.4	194.6	194.2	-	148.2	148.3	155.7	155.6	-
Travel agencies .....	4724	152.6	152.9	159.1	158.9	-	119.9	120.1	126.3	126.7	-
Freight transportation arrangement .....	473	136.9	137.3	145.5	147.9	-	105.2	105.7	113.4	115.5	-
Communications and public utilities .....		2,179	2,171	2,176	2,175	2,161	-	-	-	-	-
Communications .....	48	1,247.8	1,243.2	1,265.1	1,265.5	1,258.7	953.1	950.4	974.2	973.8	-
Telephone communications .....	481	856.5	852.4	862.9	860.6	-	632.2	629.8	642.7	639.4	-
Telephone communications, except radio .....	4813	791.3	785.6	784.7	781.2	-	583.9	579.5	585.3	581.1	-
Radio and television broadcasting .....	483	230.0	229.7	237.5	239.4	-	192.0	192.2	199.5	200.9	-
Radio broadcasting stations .....	4832	112.7	112.2	114.4	115.2	-	-	-	-	-	-
Television broadcasting stations .....	4833	117.3	117.5	123.1	124.2	-	-	-	-	-	-
Cable and other pay television services .....	484	137.2	136.9	142.0	143.5	-	115.5	115.2	119.4	120.8	-
Electric, gas, and sanitary services .....	49	930.9	927.3	910.9	909.3	902.1	733.8	730.8	718.0	716.4	-
Electric services .....	491	421.6	419.9	410.6	410.0	-	329.2	327.5	320.8	320.3	-
Gas production and distribution .....	492	159.5	159.8	157.5	157.6	-	124.0	124.1	122.0	121.9	-
Combination utility services .....	493	185.6	185.6	178.1	177.2	-	141.4	141.8	136.5	135.7	-
Sanitary services .....	495	133.9	131.9	134.5	134.3	-	115.5	113.9	115.1	114.9	-
<b>Wholesale trade .....</b>		<b>5,977</b>	<b>5,939</b>	<b>6,136</b>	<b>6,132</b>	<b>6,095</b>	<b>4,823</b>	<b>4,782</b>	<b>4,958</b>	<b>4,956</b>	<b>4,922</b>
Durable goods .....	50	3,420	3,405	3,496	3,503	3,494	2,735	2,719	2,800	2,809	-
Motor vehicles, parts, and supplies .....	501	456.3	455.5	477.6	479.8	-	368.6	367.4	386.8	390.3	-
Automobiles and other motor vehicles .....	5012	114.2	114.7	120.7	121.6	-	-	-	-	-	-
Motor vehicle supplies and new parts .....	5013	272.0	270.8	283.1	284.1	-	-	-	-	-	-
Furniture and home furnishings .....	502	144.2	143.0	153.3	154.5	-	115.1	113.0	121.7	122.9	-
Furniture .....	5021	65.9	65.8	69.8	70.5	-	-	-	-	-	-
Home furnishings .....	5023	78.3	77.2	83.5	84.0	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

**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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Wholesale trade—Continued</b>											
<b>Durable goods—Continued</b>											
Lumber and other construction materials .....	503	221.5	218.9	239.2	238.2	-	180.3	177.7	196.6	195.3	-
Lumber, plywood, and millwork .....	5031	116.6	117.0	125.7	125.8	-	-	-	-	-	-
Construction materials, nec .....	5039	36.2	35.6	39.1	39.2	-	-	-	-	-	-
Professional and commercial equipment .....	504	741.6	740.3	731.8	734.4	-	599.7	598.3	586.2	588.1	-
Office equipment .....	5044	185.0	185.5	185.9	186.0	-	-	-	-	-	-
Computers, peripherals and software .....	5045	259.6	257.8	257.8	242.4	-	-	-	-	-	-
Medical and hospital equipment .....	5047	162.9	164.2	168.7	170.0	-	133.6	135.5	138.1	139.6	-
Metals and minerals, except petroleum .....	505	132.9	133.6	138.7	138.7	-	106.2	107.1	111.5	111.4	-
Electrical goods .....	506	444.5	442.5	451.5	453.1	-	346.8	344.9	354.4	356.1	-
Electrical apparatus and equipment .....	5063	195.1	195.0	199.5	200.4	-	-	-	-	-	-
Electrical appliances, television and radio sets .....	5064	47.9	47.2	47.6	47.6	-	-	-	-	-	-
Electronic parts and equipment .....	5065	201.5	200.3	204.4	205.1	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	269.6	269.4	279.4	280.1	-	216.5	216.7	226.3	226.6	-
Hardware .....	5072	94.2	94.5	97.4	97.6	-	-	-	-	-	-
Plumbing and hydronic heating supplies .....	5074	107.8	107.6	112.0	112.4	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	712.8	708.9	711.3	710.3	-	561.1	557.4	562.8	563.0	-
Construction and mining machinery .....	5082	72.6	72.8	73.4	73.4	-	-	-	-	-	-
Farm and garden machinery .....	5083	108.6	107.7	108.8	107.9	-	-	-	-	-	-
Industrial machinery and equipment .....	5084	289.8	288.1	289.3	288.7	-	-	-	-	-	-
Industrial supplies .....	5085	134.6	134.3	133.6	133.5	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	296.7	292.8	313.0	314.2	-	240.9	236.5	253.4	254.8	-
Scrap and waste materials .....	5093	108.0	107.6	116.8	117.6	-	-	-	-	-	-
<b>Nondurable goods .....</b>	<b>51</b>	<b>2,557</b>	<b>2,534</b>	<b>2,640</b>	<b>2,629</b>	<b>2,601</b>	<b>2,088</b>	<b>2,063</b>	<b>2,158</b>	<b>2,147</b>	<b>-</b>
Paper and paper products .....	511	248.9	248.0	265.7	267.1	-	203.1	202.9	217.9	219.1	-
Stationery and office supplies .....	5112	136.9	136.7	146.3	147.3	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	199.9	200.0	200.7	201.1	-	166.3	164.9	164.3	164.6	-
Apparel, piece goods, and notions .....	513	203.8	200.8	209.3	206.2	-	160.5	158.1	165.0	161.4	-
Groceries and related products .....	514	857.5	848.8	884.0	881.4	-	720.1	709.9	740.9	738.7	-
Groceries, general line .....	5141	275.6	275.6	283.4	284.1	-	-	-	-	-	-
Meats and meat products .....	5147	61.0	59.6	63.4	64.0	-	-	-	-	-	-
Fresh fruits and vegetables .....	5148	92.8	91.4	96.6	93.5	-	-	-	-	-	-
Farm-product raw materials .....	515	113.9	111.0	117.9	114.7	-	92.5	89.9	97.0	93.3	-
Chemicals and allied products .....	516	139.7	137.4	134.3	134.2	-	104.8	102.8	102.0	101.9	-
Petroleum and petroleum products .....	517	166.6	166.2	174.0	173.9	-	134.1	134.0	141.1	141.6	-
Petroleum bulk stations and terminals .....	5171	68.2	68.1	70.9	71.1	-	-	-	-	-	-
Petroleum products, nec .....	5172	98.4	98.1	103.1	102.8	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	149.8	147.7	154.2	154.9	-	121.9	119.9	125.3	126.0	-
Beer and ale .....	5181	97.3	96.2	100.6	100.9	-	-	-	-	-	-
Wine and distilled beverages .....	5182	52.5	51.5	53.6	54.0	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	477.2	473.7	499.6	495.2	-	384.5	380.6	404.9	400.3	-
Farm supplies .....	5191	151.2	152.1	157.6	155.8	-	-	-	-	-	-
<b>Retail trade .....</b>	<b>52-56</b>	<b>20,486</b>	<b>19,586</b>	<b>20,950</b>	<b>21,297</b>	<b>20,390</b>	<b>18,081</b>	<b>17,203</b>	<b>18,441</b>	<b>18,774</b>	<b>17,879</b>
Building materials and garden supplies .....	52	792.4	765.5	852.8	851.4	825.5	653.2	628.0	710.4	709.8	-
Lumber and other building materials .....	521	463.1	455.8	505.0	502.4	-	387.7	380.9	429.6	426.8	-
Paint, glass, and wallpaper stores .....	523	66.5	64.8	68.8	67.8	-	52.0	50.1	53.4	52.9	-
Hardware stores .....	525	155.4	151.6	159.9	161.1	-	127.6	124.3	131.7	133.0	-
Retail nurseries and garden stores .....	526	79.1	65.3	84.6	86.1	-	63.4	50.6	68.4	70.0	-
General merchandise stores .....	53	2,703.3	2,462.6	2,730.4	2,818.9	2,566.8	2,544.3	2,302.6	2,560.9	2,648.9	-
Department stores .....	531	2,330.4	2,126.8	2,384.7	2,454.8	-	2,209.0	2,003.7	2,253.3	2,323.5	-
Variety stores .....	533	160.9	144.7	141.5	147.9	-	145.6	129.3	126.2	132.2	-
Miscellaneous general merchandise stores .....	539	212.0	191.1	204.2	216.2	-	189.7	169.6	181.4	193.2	-
Food stores .....	54	3,267.5	3,195.0	3,296.6	3,341.0	3,268.9	2,978.8	2,907.3	2,998.8	3,041.3	-
Grocery stores .....	541	2,887.6	2,850.6	2,901.4	2,927.2	-	2,645.8	2,610.1	2,658.3	2,682.7	-
Meat and fish markets .....	542	53.0	48.5	56.2	59.9	-	-	-	-	-	-
Dairy products stores .....	545	17.8	16.5	20.8	22.4	-	-	-	-	-	-
Retail bakeries .....	546	173.4	168.6	181.4	184.4	-	155.4	150.2	160.5	163.5	-
Automotive dealers and service stations .....	55	2,061.7	2,055.4	2,192.3	2,190.8	2,186.6	1,712.7	1,705.6	1,822.7	1,821.1	-
New and used car dealers .....	551	937.1	939.5	996.1	997.7	-	781.1	782.4	830.0	831.1	-

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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Retail trade—Continued</b>											
<b>Automotive dealers and service stations—Continued</b>											
Auto and home supply stores .....	553	349.4	345.5	377.5	376.7	-	276.6	273.0	300.2	299.7	-
Gasoline service stations .....	554	620.6	615.4	631.9	630.5	-	532.6	527.7	544.3	542.8	-
Automotive dealers, nec .....	559	6.0	5.9	4.9	4.8	-	5.1	4.9	4.1	4.1	-
<b>Apparel and accessory stores .....</b>	<b>56</b>	<b>1,265.5</b>	<b>1,152.1</b>	<b>1,195.8</b>	<b>1,258.4</b>	<b>1,156.7</b>	<b>1,051.4</b>	<b>942.6</b>	<b>983.0</b>	<b>1,041.9</b>	<b>-</b>
Men's and boys' clothing stores .....	561	94.0	88.2	87.4	92.0	-	76.7	71.0	70.8	75.2	-
Women's clothing stores .....	562	390.0	360.0	361.5	379.9	-	319.3	290.0	294.2	311.5	-
Family clothing stores .....	565	370.4	322.0	355.1	376.2	-	322.2	275.3	304.6	324.3	-
Shoe stores .....	566	223.2	211.1	212.8	222.6	-	176.1	165.8	167.3	176.2	-
<b>Furniture and home furnishings stores .....</b>	<b>57</b>	<b>885.1</b>	<b>861.0</b>	<b>955.1</b>	<b>973.7</b>	<b>954.9</b>	<b>723.1</b>	<b>701.1</b>	<b>775.0</b>	<b>794.2</b>	<b>-</b>
Furniture and home furnishings stores .....	571	476.4	469.1	519.7	523.2	-	388.5	382.1	422.2	426.6	-
Furniture stores .....	5712	284.0	283.0	310.2	312.4	-	-	-	-	-	-
Household appliance stores .....	572	74.4	72.6	73.7	75.1	-	60.6	59.0	60.0	61.4	-
Radio, television, and computer stores .....	573	334.3	319.3	361.7	375.4	-	274.0	260.0	292.8	306.2	-
Radio, television, and electronic stores .....	5731	143.1	137.7	159.1	164.1	-	118.8	113.4	132.2	137.2	-
Record and prerecorded tape stores .....	5735	78.8	69.2	77.5	82.7	-	64.2	55.3	58.9	64.0	-
<b>Eating and drinking places .....</b>	<b>58</b>	<b>6,871.2</b>	<b>6,619.1</b>	<b>7,098.3</b>	<b>7,151.3</b>	<b>6,883.2</b>	<b>6,197.9</b>	<b>5,957.2</b>	<b>6,391.3</b>	<b>6,438.6</b>	<b>-</b>
<b>Miscellaneous retail establishments .....</b>	<b>59</b>	<b>2,638.8</b>	<b>2,474.9</b>	<b>2,628.3</b>	<b>2,711.6</b>	<b>2,547.7</b>	<b>2,219.1</b>	<b>2,058.3</b>	<b>2,199.3</b>	<b>2,277.8</b>	<b>-</b>
Drug stores and proprietary stores .....	591	603.5	594.4	596.3	602.7	-	505.6	496.1	498.5	503.4	-
Liquor stores .....	592	116.9	111.7	116.7	118.4	-	-	-	-	-	-
Used merchandise stores .....	593	88.4	87.8	94.4	95.4	-	73.2	72.6	78.6	79.6	-
Miscellaneous shopping goods stores .....	594	1,000.0	896.8	979.2	1,044.5	-	854.2	751.7	824.9	888.2	-
Sporting goods and bicycle shops .....	5941	186.9	180.0	192.7	200.7	-	-	-	-	-	-
Book stores .....	5942	109.7	110.9	109.3	114.9	-	-	-	-	-	-
Stationery stores .....	5943	74.8	73.9	74.2	75.1	-	-	-	-	-	-
Jewelry stores .....	5944	150.7	144.9	145.0	153.9	-	-	-	-	-	-
Gift, novelty, and souvenir shops .....	5947	211.9	185.3	207.8	215.3	-	-	-	-	-	-
Sewing, needlework, and piece goods .....	5949	63.8	61.6	60.5	61.8	-	-	-	-	-	-
<b>Nonstore retailers .....</b>	<b>596</b>	<b>296.1</b>	<b>267.1</b>	<b>297.4</b>	<b>293.7</b>	<b>-</b>	<b>252.1</b>	<b>225.9</b>	<b>254.9</b>	<b>250.9</b>	<b>-</b>
Catalog and mail-order houses .....	5961	175.3	147.8	175.5	172.7	-	-	-	-	-	-
Merchandising machine operators .....	5962	72.1	71.6	73.3	72.9	-	-	-	-	-	-
<b>Fuel dealers .....</b>	<b>598</b>	<b>102.9</b>	<b>103.6</b>	<b>101.2</b>	<b>103.0</b>	<b>-</b>	<b>85.3</b>	<b>86.1</b>	<b>83.7</b>	<b>85.4</b>	<b>-</b>
Retail stores, nec .....	599	431.0	413.5	443.1	453.9	-	353.3	335.8	363.5	373.4	-
Florists, tobacco stores, and newsstands .....	5992,3,4	146.9	135.6	146.0	155.5	-	-	-	-	-	-
Optical goods stores .....	5995	61.4	61.0	62.1	62.2	-	48.5	48.2	49.6	50.1	-
Miscellaneous retail stores, nec .....	5999	222.7	216.9	235.0	236.2	-	179.7	173.1	188.8	189.4	-
<b>Finance, insurance, and real estate<sup>3</sup> .....</b>	<b>-</b>	<b>6,757</b>	<b>6,713</b>	<b>6,766</b>	<b>6,776</b>	<b>6,735</b>	<b>4,920</b>	<b>4,880</b>	<b>4,920</b>	<b>4,925</b>	<b>4,894</b>
<b>Finance .....</b>	<b>-</b>	<b>3,249</b>	<b>3,241</b>	<b>3,238</b>	<b>3,243</b>	<b>3,233</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Depository institutions .....</b>	<b>60</b>	<b>2,063.6</b>	<b>2,051.9</b>	<b>2,029.5</b>	<b>2,033.0</b>	<b>2,025.4</b>	<b>1,490.2</b>	<b>1,480.8</b>	<b>1,459.7</b>	<b>1,462.4</b>	<b>-</b>
Commercial banks .....	602	1,494.8	1,487.2	1,492.4	1,497.0	-	1,063.8	1,057.6	1,057.9	1,061.6	-
State commercial banks .....	6022	616.6	614.7	623.9	625.5	-	441.9	440.3	447.3	448.9	-
National and commercial banks, nec .....	6021,9	878.2	872.5	868.5	871.5	-	621.9	617.3	610.6	612.7	-
Savings institutions .....	603	297.6	293.0	260.2	258.2	-	-	-	-	-	-
Federal savings institutions .....	6035	158.8	156.7	139.5	138.9	-	-	-	-	-	-
Savings institutions, except federal .....	6036	138.8	136.3	120.7	119.3	-	-	-	-	-	-
Credit unions .....	606	145.6	145.6	148.8	149.4	-	116.1	116.0	118.7	119.0	-
<b>Nondepository institutions .....</b>	<b>61</b>	<b>471.9</b>	<b>477.2</b>	<b>461.0</b>	<b>458.1</b>	<b>458.1</b>	<b>356.9</b>	<b>359.6</b>	<b>335.7</b>	<b>333.2</b>	<b>-</b>
Personal credit institutions .....	614	129.2	128.5	137.6	139.5	-	94.1	93.9	100.2	101.8	-
Business credit institutions .....	615	81.1	81.5	79.5	79.2	-	-	-	-	-	-
Mortgage bankers and brokers .....	616	242.9	248.2	222.8	218.0	-	-	-	-	-	-
<b>Security and commodity brokers .....</b>	<b>62</b>	<b>484.6</b>	<b>486.0</b>	<b>509.8</b>	<b>511.3</b>	<b>511.9</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Security brokers and dealers .....	621	370.2	372.1	389.0	390.1	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges .....	622,3	23.9	24.1	28.5	28.8	-	-	-	-	-	-
Security and commodity services .....	628	90.5	89.8	92.3	92.4	-	59.3	58.6	60.8	60.6	-
<b>Holding and other investment offices .....</b>	<b>67</b>	<b>228.6</b>	<b>226.0</b>	<b>237.6</b>	<b>240.4</b>	<b>237.6</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Holding offices .....	671	103.3	102.9	104.0	105.8	-	-	-	-	-	-

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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Finance, insurance, and real estate—Continued</b>											
Insurance .....	63,64	2,191	2,184	2,170	2,172	2,166	-	-	-	-	-
Insurance carriers .....	63	1,527.7	1,523.6	1,502.7	1,502.2	1,495.7	1,071.1	1,067.5	1,065.1	1,065.2	-
Life insurance .....	631	558.4	553.6	539.5	540.3	-	362.0	357.5	357.2	356.5	-
Medical service and health insurance .....	632	284.0	284.0	289.1	289.6	-	231.4	231.1	234.1	234.7	-
Hospital and medical service plans .....	6324	222.8	222.5	227.8	228.1	-	185.9	185.3	188.5	188.8	-
Fire, marine, and casualty insurance .....	633	536.3	535.6	535.3	534.5	-	353.7	354.3	360.1	361.1	-
Title insurance .....	636	88.7	90.0	77.3	75.9	-	-	-	-	-	-
Insurance agents, brokers, and service .....	64	662.9	660.2	667.2	669.8	670.1	-	-	-	-	-
Real estate .....	65	1,317	1,288	1,358	1,361	1,336	-	-	-	-	-
Real estate operators and lessors .....	651	565.7	544.1	577.6	584.5	-	-	-	-	-	-
Real estate agents and managers .....	653	611.3	605.6	637.1	637.5	-	-	-	-	-	-
Subdividers and developers .....	655	103.8	102.1	111.4	107.9	-	-	-	-	-	-
<b>Services .....</b>		<b>30,842</b>	<b>30,429</b>	<b>32,445</b>	<b>32,419</b>	<b>31,957</b>	<b>26,917</b>	<b>26,511</b>	<b>28,352</b>	<b>28,312</b>	<b>27,839</b>
Agricultural services .....	07	490.7	452.6	563.4	524.1	469.0	405.2	370.3	471.2	433.8	-
Veterinary services .....	074	146.6	145.7	151.1	151.7	-	122.5	121.4	126.3	126.8	-
Landscape and horticultural services .....	078	300.3	264.5	367.2	327.0	-	247.0	214.3	308.2	270.2	-
Hotels and other lodging places .....	70	1,544.2	1,514.3	1,540.2	1,538.2	1,507.4	-	-	-	-	-
Hotels and motels .....	701	1,504.0	1,474.2	1,494.1	1,494.0	-	1,319.7	1,290.6	1,310.7	1,308.5	-
Personal services .....	72	1,130.6	1,191.6	1,112.5	1,122.2	1,186.1	-	-	-	-	-
Laundry, cleaning, and garment services .....	721	429.7	424.7	438.5	439.5	-	380.7	375.3	388.7	389.2	-
Photographic studios, portrait .....	722	85.8	74.7	85.4	82.2	-	-	-	-	-	-
Beauty shops .....	723	386.1	382.3	384.8	386.5	-	346.0	342.5	344.9	346.6	-
Funeral service and crematories .....	726	88.5	88.7	89.8	89.9	-	-	-	-	-	-
Miscellaneous personal services .....	729	121.3	202.6	96.0	106.5	-	101.5	181.0	79.0	89.4	-
Business services .....	73	6,107.0	5,942.9	6,827.4	6,817.0	6,619.8	5,430.9	5,265.5	6,088.3	6,075.5	-
Advertising .....	731	232.7	231.6	248.0	250.3	-	169.3	168.9	180.4	182.4	-
Advertising agencies .....	7311	157.5	156.1	166.3	168.4	-	-	-	-	-	-
Credit reporting and collection .....	732	114.7	114.6	114.5	115.1	-	-	-	-	-	-
Mailing, reproduction, and stenographic services .....	733	266.5	266.1	301.1	305.1	-	-	-	-	-	-
Photocopying and duplicating services .....	7334	59.2	59.8	66.0	66.4	-	48.4	48.8	54.1	54.4	-
Services to buildings .....	734	841.4	832.8	897.1	891.4	-	755.2	746.5	805.2	799.3	-
Disinfecting and pest control services .....	7342	75.4	74.6	81.3	80.3	-	59.1	58.0	64.1	63.3	-
Building maintenance services, nec .....	7349	766.0	758.2	815.8	811.1	-	696.1	688.5	741.1	736.0	-
Miscellaneous equipment rental and leasing .....	735	218.1	216.9	246.8	246.5	-	173.7	172.1	198.0	197.4	-
Medical equipment rental .....	7352	34.3	34.3	39.2	40.1	-	27.1	27.1	31.1	31.9	-
Heavy construction equipment rental .....	7353	38.7	38.1	45.3	44.8	-	32.6	31.8	38.4	37.8	-
Equipment rental and leasing, nec .....	7359	145.1	144.5	162.3	161.6	-	114.0	113.2	128.5	127.7	-
Personnel supply services .....	736	2,141.4	2,005.2	2,573.4	2,563.1	2,391.5	-	-	-	-	-
Employment agencies .....	7361	292.8	278.2	348.7	351.9	-	-	-	-	-	-
Help supply services .....	7363	1,848.6	1,727.0	2,224.7	2,211.2	-	1,794.1	1,672.5	2,163.9	2,149.5	-
Computer and data processing services .....	737	939.1	946.0	1,036.0	1,048.7	-	763.7	768.5	836.0	846.4	-
Computer programming services .....	7371	196.0	195.8	217.5	220.3	-	165.3	165.5	182.2	184.4	-
Prepackaged software .....	7372	150.1	151.5	159.9	162.6	-	-	-	-	-	-
Computer integrated systems design .....	7373	115.1	116.3	126.8	127.3	-	85.8	86.3	95.8	96.5	-
Data processing and preparation .....	7374	221.8	222.3	243.8	247.1	-	-	-	-	-	-
Information retrieval services .....	7375	51.2	52.2	60.7	61.6	-	39.5	40.2	47.1	48.3	-
Computer maintenance and repair .....	7378	40.8	42.6	42.9	43.5	-	33.9	35.2	35.5	36.0	-
Miscellaneous business services .....	738	1,353.1	1,329.7	1,410.5	1,396.8	-	1,185.8	1,162.7	1,234.6	1,222.8	-
Detective and armored car services .....	7381	501.4	494.1	525.0	512.8	-	468.5	461.0	485.9	475.9	-
Security systems services .....	7382	41.2	40.8	43.1	43.3	-	35.1	34.8	37.0	37.0	-
Photofinishing laboratories .....	7384	78.9	73.0	75.2	73.6	-	-	-	-	-	-
Auto repair, services, and parking .....	75	980.2	980.0	1,082.0	1,084.1	1,083.7	805.7	804.2	893.4	893.3	-
Automotive rentals, without drivers .....	751	177.9	178.3	199.3	199.7	-	143.1	143.4	163.1	163.3	-
Passenger car rental .....	7514	110.9	109.7	124.0	124.1	-	90.0	89.1	102.4	102.3	-
Automobile parking .....	752	63.0	61.2	63.6	64.6	-	55.9	54.7	56.6	57.4	-
Automotive repair shops .....	753	554.5	555.2	613.5	615.0	-	449.4	448.5	498.0	498.1	-
Automotive and tire repair shops .....	7532,4	191.1	192.2	214.0	212.4	-	157.2	158.2	176.8	176.0	-
General automotive repair shops .....	7538	235.7	235.4	258.0	260.2	-	191.8	190.6	209.4	210.1	-

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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Services—Continued</b>											
Auto repair, services, and parking—Continued											
Automotive services, except repair .....	754	184.8	185.3	205.6	204.8	-	157.3	157.6	175.7	174.5	-
Carwashes .....	7542	107.4	107.8	117.0	116.6	-	94.5	94.5	103.1	102.1	-
Miscellaneous repair services .....	76	368.2	368.5	387.6	386.3	384.9	296.8	297.2	314.9	313.9	-
Electrical repair shops .....	762	112.8	113.3	118.4	119.3	-	-	-	-	-	-
Motion pictures .....	78	438.1	432.0	529.3	541.6	541.1	361.5	356.9	439.3	449.9	-
Motion picture production and services .....	781	171.9	165.3	257.8	260.5	-	137.1	131.6	213.4	215.2	-
Motion picture theaters .....	783	110.8	110.7	110.1	115.1	-	-	-	-	-	-
Video tape rental .....	784	139.5	140.3	144.5	148.9	-	114.7	115.8	118.1	122.0	-
Amusement and recreation services .....	79	1,145.8	1,100.5	1,146.1	1,149.7	1,109.8	992.8	950.2	994.8	996.3	-
Bowling centers .....	793	92.4	91.7	90.7	90.6	-	82.6	82.1	81.4	81.3	-
Misc. amusement and recreation services .....	799	781.8	752.8	786.8	798.9	-	681.1	653.2	681.2	692.0	-
Physical fitness facilities .....	7991	130.5	130.8	130.3	131.7	-	117.8	117.8	116.6	117.8	-
Membership sports and recreation clubs .....	7997	259.8	227.7	272.1	268.3	-	224.2	192.5	235.6	231.3	-
Health services .....	80	8,897.5	8,886.4	9,127.2	9,153.1	9,132.0	7,881.4	7,871.4	8,073.5	8,096.8	-
Offices and clinics of medical doctors .....	801	1,534.0	1,533.9	1,579.8	1,586.2	-	1,250.2	1,252.8	1,285.1	1,291.6	-
Offices and clinics of dentists .....	802	576.3	575.0	602.4	606.7	-	503.7	503.4	525.8	530.3	-
Offices and clinics of other health practitioners .....	804	373.1	370.8	402.4	405.4	-	309.2	305.6	331.9	334.5	-
Offices and clinics of chiropractors and optometrists .....	8041,2	159.2	160.5	171.1	171.5	-	-	-	-	-	-
Nursing and personal care facilities .....	805	1,610.6	1,606.5	1,650.5	1,654.3	-	1,451.7	1,447.0	1,487.4	1,490.8	-
Skilled nursing care facilities .....	8051	1,153.6	1,149.6	1,185.3	1,187.3	-	-	-	-	-	-
Intermediate care facilities .....	8052	224.9	225.4	230.8	231.6	-	201.9	202.3	207.4	208.0	-
Nursing and personal care, nec .....	8059	232.1	231.5	234.4	235.4	-	-	-	-	-	-
Hospitals .....	806	3,785.2	3,784.6	3,790.3	3,791.7	3,792.7	3,463.9	3,462.4	3,463.2	3,462.7	-
General medical and surgical hospitals .....	8062	3,485.2	3,485.9	3,493.3	3,496.1	-	-	-	-	-	-
Psychiatric hospitals .....	8063	94.8	94.0	93.6	92.9	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric .....	8069	205.2	204.7	203.4	202.7	-	-	-	-	-	-
Medical and dental laboratories .....	807	197.5	195.2	206.9	207.7	-	-	-	-	-	-
Home health care services .....	808	495.1	494.3	557.3	562.7	-	458.6	457.9	514.9	520.3	-
Legal services .....	81	932.1	931.6	946.7	948.3	946.2	747.7	747.3	756.2	757.5	-
Educational services .....	82	1,804.1	1,683.5	1,912.0	1,870.4	1,736.9	-	-	-	-	-
Elementary and secondary schools .....	821	505.4	503.1	524.6	523.3	-	-	-	-	-	-
Colleges and universities .....	822	1,095.7	981.2	1,172.5	1,133.0	-	-	-	-	-	-
Vocational schools .....	824	74.9	73.5	79.8	79.2	-	-	-	-	-	-
Social services .....	83	2,165.5	2,153.5	2,326.7	2,336.0	2,324.5	1,873.9	1,860.9	2,015.0	2,023.7	-
Individual and family services .....	832	575.2	570.1	596.5	600.7	-	499.1	493.8	517.3	521.2	-
Job training and related services .....	833	280.7	278.0	302.2	303.2	-	234.7	232.4	255.2	256.3	-
Child day care services .....	835	524.5	521.4	579.2	578.3	-	462.9	460.2	511.5	510.6	-
Residential care .....	836	589.3	590.3	638.8	642.7	-	514.9	514.7	554.9	558.7	-
Social services, nec .....	839	195.8	193.7	210.0	211.1	-	162.3	159.8	176.1	176.9	-
Museums and botanical and zoological gardens .....	84	75.0	70.4	78.0	77.9	73.4	-	-	-	-	-
Membership organizations .....	86	2,029.8	2,007.6	2,052.5	2,048.1	2,023.0	-	-	-	-	-
Business associations .....	861	104.9	104.6	104.5	104.7	-	-	-	-	-	-
Professional organizations .....	862	54.1	53.5	55.1	55.4	-	38.1	37.7	39.1	39.4	-
Labor organizations .....	863	140.3	131.4	133.3	132.3	-	-	-	-	-	-
Civic and social associations .....	864	432.9	421.2	449.2	449.2	-	-	-	-	-	-
Engineering and management services .....	87	2,558.4	2,539.3	2,638.7	2,647.3	2,643.6	1,956.1	1,940.4	2,028.3	2,034.4	-
Engineering and architectural services .....	871	764.3	756.8	804.1	804.7	-	629.1	622.1	661.4	662.1	-
Engineering services .....	8711	598.6	591.2	628.3	629.4	-	497.3	491.0	521.9	522.8	-
Architectural services .....	8712	114.8	115.6	121.9	121.9	-	89.4	89.5	94.8	95.2	-
Surveying services .....	8713	50.9	50.0	53.9	53.4	-	42.4	41.6	44.7	44.1	-
Accounting, auditing, and bookkeeping .....	872	516.7	521.8	522.5	529.6	-	372.9	380.6	379.3	384.6	-

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>				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Services—Continued</b>											
Engineering and management services—Continued											
Research and testing services .....	873	576.0	565.6	583.2	582.0	-	436.4	427.8	449.0	448.2	-
Commercial physical research .....	8731	242.1	239.9	236.5	236.3	-	173.7	173.7	174.7	174.9	-
Commercial nonphysical research .....	8732	108.1	104.0	118.4	118.0	-	85.8	81.1	94.5	94.1	-
Noncommercial research organizations .....	8733	144.3	141.5	145.9	145.5	-	112.1	109.3	113.2	112.7	-
Management and public relations .....	874	701.4	695.1	728.9	731.0	-	517.7	509.9	538.6	539.5	-
Management services .....	8741	263.5	258.3	269.7	271.9	-	186.7	181.2	191.3	193.3	-
Management consulting services .....	8742	233.0	230.4	240.8	243.0	-	172.0	169.6	182.0	183.4	-
Public relations services .....	8743	31.4	33.5	33.3	33.0	-	21.9	24.0	22.7	22.6	-
Services, nec .....	89	40.5	40.0	41.0	41.0	41.7	32.1	31.6	32.6	32.3	-
<b>Government</b> .....		19,239	18,861	19,618	19,491	19,090	-	-	-	-	-
Federal Government <sup>4</sup> .....		2,918	2,877	2,837	2,872	2,827	-	-	-	-	-
Executive, by agency <sup>4</sup> .....		2,853.3	2,812.8	2,773.9	-	-	-	-	-	-	-
Department of Defense .....		844.9	838.5	806.4	-	-	-	-	-	-	-
Postal Service <sup>5</sup> .....		841.9	808.3	828.4	-	-	-	-	-	-	-
Other executive agencies .....		1,166.5	1,166.0	1,139.1	-	-	-	-	-	-	-
Legislative .....		37.3	36.8	35.2	-	-	-	-	-	-	-
Judicial .....		27.6	27.6	27.6	-	-	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities .....		82.2	81.4	73.0	72.1	-	-	-	-	-	-
Ship building and repairing .....	3731	46.6	46.3	39.5	39.0	-	-	-	-	-	-
Transportation and public utilities, except Postal Service .....		30.0	29.9	27.0	27.0	-	-	-	-	-	-
Services .....		387.4	383.8	375.7	373.6	-	-	-	-	-	-
Hospitals .....	806	232.8	232.0	226.5	225.2	-	-	-	-	-	-
State government .....		4,597	4,445	4,720	4,680	4,532	-	-	-	-	-
Hospitals .....	806	411.5	410.0	402.3	402.0	-	-	-	-	-	-
Education .....	82	1,955.1	1,801.8	2,036.2	1,997.0	1,848.4	-	-	-	-	-
General administration, including executive, legislative, and judicial functions .....		1,746.1	1,750.5	1,789.9	1,790.7	-	-	-	-	-	-
State government, except education .....		2,642.0	2,642.9	2,683.6	2,683.0	2,683.2	-	-	-	-	-
Local government .....		11,724	11,539	12,061	11,939	11,731	-	-	-	-	-
Transportation and public utilities .....		452.6	451.6	452.2	452.7	-	-	-	-	-	-
Hospitals .....	806	683.4	685.7	690.7	692.0	-	-	-	-	-	-
Education .....	82	6,717.2	6,555.0	6,884.1	6,872.4	6,705.4	-	-	-	-	-
General administration, including executive, legislative, and judicial functions .....		3,508.3	3,486.3	3,658.3	3,550.7	-	-	-	-	-	-
Local government, except education .....		5,007.2	4,984.4	5,177.0	5,066.5	5,025.3	-	-	-	-	-

<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 \$50,000,000 or more.

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

<sup>4</sup> Prepared by the Office of Personnel Management. Data relate to civilian employment only and exclude the Central Intelligence Agency and

the National Security Agency.

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

- Data not available.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1993 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1993 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	Oct. 1993	Nov. 1993	Sept. 1994	Oct. 1994	Nov. 1994
<b>Total</b> .....	54,140	54,479	55,192	55,688	56,206
<b>Total private</b> .....	43,728	43,945	44,954	45,086	45,399
<b>Goods-producing</b> .....	6,537	6,517	6,631	6,629	6,620
<b>Mining</b> .....	88	88	86	85	84
<b>Construction</b> .....	531	526	563	563	562
<b>Manufacturing</b> .....	5,918	5,903	5,982	5,981	5,974
<b>Durable goods</b> .....	2,691	2,694	2,739	2,751	2,762
Lumber and wood products .....	116	117	124	125	125
Furniture and fixtures .....	148	150	154	156	157
Stone, clay, and glass products .....	104	103	105	105	104
Primary metal industries .....	92	92	97	97	99
Fabricated metal products .....	294	296	304	307	309
Industrial machinery and equipment .....	412	412	425	424	425
Electronic and other electrical equipment .....	643	645	658	661	664
Transportation equipment .....	349	350	352	354	357
Instruments and related products .....	359	358	347	347	348
Miscellaneous manufacturing .....	174	172	174	177	176
<b>Nondurable goods</b> .....	3,227	3,209	3,243	3,230	3,212
Food and kindred products .....	564	548	580	563	551
Tobacco products .....	15	15	13	14	13
Textile mill products .....	322	320	319	319	319
Apparel and other textile products .....	754	750	737	736	729
Paper and allied products .....	167	167	165	165	165
Printing and publishing .....	669	675	682	685	690
Chemicals and allied products .....	337	337	332	331	331
Petroleum and coal products .....	24	24	26	25	25
Rubber and misc. plastics products .....	308	309	324	327	326
Leather and leather products .....	66	66	65	65	64
<b>Service-producing</b> .....	47,603	47,962	48,561	49,059	49,586
<b>Transportation and public utilities</b> .....	1,714	1,717	1,728	1,737	1,743
<b>Wholesale trade</b> .....	1,834	1,839	1,874	1,885	1,891
<b>Retail trade</b> .....	10,510	10,712	10,840	10,847	11,118
<b>Finance, insurance, and real estate</b> .....	4,255	4,269	4,280	4,263	4,266
<b>Services</b> .....	18,878	18,891	19,601	19,725	19,761
<b>Government</b> .....	10,412	10,534	10,238	10,602	10,807
Federal .....	1,199	1,198	1,196	1,188	1,185
State .....	2,305	2,319	2,265	2,349	2,365
Local .....	6,908	7,017	6,777	7,065	7,257

NOTE: Establishment survey estimates are currently projected from March 1993 benchmark levels. When more recent benchmark data are

introduced, all unadjusted data from April 1993 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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Alabama</b> .....	1,732.8	1,771.7	1,758.3	10.5	10.3	10.2	78.5	81.2	80.5
Birmingham .....	425.6	432.1	433.3	3.1	3.1	3.1	21.0	22.2	22.1
Huntsville .....	163.2	162.3	161.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.8	5.9	5.7
Mobile .....	199.5	204.8	202.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.4	14.2	14.1
Montgomery .....	145.3	148.1	147.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.8	7.2	7.1
Tuscaloosa .....	70.4	71.5	71.8	2.3	2.5	2.5	3.9	4.1	4.0
<b>Alaska</b> .....	245.9	250.9	247.6	9.6	9.3	9.3	10.2	12.6	11.1
Anchorage .....	118.6	119.7	119.7	3.2	2.7	2.7	5.5	6.6	6.1
<b>Arizona</b> .....	1,622.5	1,693.0	1,700.2	12.1	12.4	12.5	95.7	108.1	107.7
Phoenix-Mesa .....	1,092.4	1,141.9	1,148.7	4.4	4.5	4.5	65.3	75.0	74.6
Tucson .....	282.7	295.4	296.9	2.1	2.1	2.1	17.0	18.5	18.4
<b>Arkansas</b> .....	999.7	1,048.1	1,047.5	3.6	3.6	3.6	36.8	43.4	42.8
Fayetteville-Springdale-Rogers .....	119.8	126.1	126.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.6	4.9	5.0
Fort Smith .....	86.9	89.4	88.7	.9	1.0	1.0	3.2	3.2	3.2
Little Rock-North Little Rock .....	273.4	282.0	282.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.1	12.4	12.3
Pine Bluff .....	34.7	35.2	35.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	.9	.9	.8
<b>California</b> .....	12,052.2	12,043.3	12,069.0	34.1	31.6	31.5	444.0	461.6	452.7
Bakersfield .....	173.5	173.8	173.8	11.1	10.3	10.4	8.8	8.0	7.8
Fresno .....	255.5	255.1	254.9	.7	.6	.7	13.2	12.8	12.6
Los Angeles-Long Beach .....	3,737.0	3,700.4	3,708.9	7.4	6.7	6.7	98.2	99.2	98.5
Modesto .....	119.8	121.6	120.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	6.8	6.1	6.0
Oakland .....	869.8	874.0	875.4	3.2	3.2	3.2	38.6	40.6	38.7
Orange County .....	1,122.8	1,126.3	1,130.7	.9	.9	.9	42.1	44.2	42.8
Riverside-San Bernardino .....	744.0	752.8	758.0	1.3	1.4	1.3	38.1	38.5	38.2
Sacramento .....	559.6	567.2	564.9	.5	.5	.5	25.9	27.1	26.2
Salinas .....	105.8	105.5	104.9	.3	.3	.3	3.5	3.7	3.7
San Diego .....	942.7	935.1	937.8	.5	.5	.5	39.4	39.7	40.9
San Francisco .....	916.1	906.1	913.0	.6	.6	.6	26.4	27.5	27.0
San Jose .....	788.4	783.2	784.8	.2	.2	.2	26.9	28.0	27.3
Santa Barbara-Santa Maria-Lompoc .....	142.3	141.9	141.6	1.0	.9	1.0	5.1	5.0	5.1
Santa Rosa .....	145.8	149.5	149.4	.6	.6	.5	8.0	8.9	8.7
Stockton-Lodi .....	152.4	155.1	153.4	.1	.1	.1	5.9	5.9	5.6
Vallejo-Fairfield-Napa .....	138.9	141.4	140.1	.4	.5	.4	8.3	9.2	8.9
Ventura .....	225.3	225.7	226.8	2.2	2.0	2.0	9.0	10.2	10.0
<b>Colorado</b> .....	1,709.1	1,747.6	1,757.1	15.7	15.5	15.4	83.6	90.1	86.9
Boulder-Longmont .....	138.1	141.6	141.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.5	5.6	5.6
Denver .....	918.7	943.2	946.4	8.4	7.9	7.9	44.6	46.1	46.2
<b>Connecticut</b> .....	1,543.8	1,556.0	1,554.9	.8	.9	.8	46.9	49.1	47.6
Bridgeport .....	175.8	175.1	175.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	4.9	5.1	4.8
Danbury .....	84.2	84.9	85.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	3.2	3.1
Hartford .....	585.6	593.9	590.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.3	21.6	21.0
New Haven-Meriden .....	241.8	236.6	235.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.8	8.6	7.9
Stamford-Norwalk .....	185.2	183.6	185.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.6	4.7	4.7
Waterbury .....	81.2	80.0	79.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.6	3.0	2.9
<b>Delaware</b> .....	353.4	362.2	362.0	.1	.1	.1	18.3	19.8	19.3
Wilmington-Newark .....	273.6	279.2	278.9	.2	.2	.2	13.9	15.2	14.7
<b>District of Columbia</b> .....	668.6	667.5	665.7	.1	.1	.1	8.6	8.8	8.8
Washington PMSA .....	2,340.1	2,363.4	2,369.7	.8	.9	.9	103.2	109.1	107.3
<b>Florida</b> .....	5,729.2	5,938.2	5,953.9	6.2	6.4	6.5	296.3	312.3	312.4
Daytona Beach .....	138.5	144.2	143.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7.6	7.5	7.5
Fort Lauderdale .....	563.1	579.8	583.7	.2	.2	.2	32.3	31.8	32.2
Fort Myers-Cape Coral .....	135.6	140.7	141.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	11.3	12.1	12.2
Gainesville .....	102.8	107.6	107.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.5	3.7	3.8
Jacksonville .....	449.3	461.4	461.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	24.2	25.0	25.5
Lakeland-Winter Haven .....	155.5	161.7	162.4	2.5	2.7	2.8	7.2	7.5	7.5
Melbourne-Titusville-Palm Bay .....	168.7	174.6	174.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8.1	8.3	8.2
Miami .....	921.5	937.7	941.3	.4	.4	.4	38.9	39.2	39.3
Orlando .....	668.6	707.4	709.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	34.7	38.8	38.9
Pensacola .....	137.6	141.3	140.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.3	10.3	10.4
Sarasota-Bradenton .....	212.7	221.2	221.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.6	10.0	10.1
Tallahassee .....	135.2	140.6	140.6	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.2	5.3	5.4
Tampa-St. Petersburg-Clearwater .....	925.1	951.2	954.5	.4	.5	.5	42.2	42.8	43.2
West Palm Beach-Boca Raton .....	381.1	387.5	390.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	21.2	22.1	22.3

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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Alabama</b> .....	381.6	388.6	387.6	85.3	85.4	85.4	390.9	393.6	398.9
Birmingham .....	51.9	52.7	52.8	30.0	29.5	29.5	105.8	105.3	107.0
Huntsville .....	37.3	38.4	38.4	3.2	3.3	3.3	31.7	31.5	32.1
Mobile .....	27.7	27.8	27.6	11.1	11.0	11.0	52.2	53.4	53.8
Montgomery .....	17.9	17.9	17.9	6.0	6.0	6.0	33.7	34.2	34.3
Tuscaloosa .....	10.3	10.5	10.6	2.3	2.2	2.2	15.5	15.8	16.6
<b>Alaska</b> .....	11.3	11.1	9.5	22.0	22.3	22.3	50.2	52.2	52.0
Anchorage .....	1.8	1.7	1.9	12.1	12.4	12.4	28.0	28.6	28.8
<b>Arizona</b> .....	175.5	184.3	184.4	78.2	79.4	80.1	401.9	415.1	420.0
Phoenix-Mesa .....	134.3	139.5	139.6	55.3	56.3	57.0	271.0	282.0	286.3
Tucson .....	24.9	28.3	28.6	11.2	11.2	11.3	65.4	67.6	68.2
<b>Arkansas</b> .....	244.9	257.5	257.7	57.4	59.2	60.0	223.8	234.8	236.3
Fayetteville-Springdale-Rogers .....	32.9	34.7	34.6	8.0	8.4	8.5	31.5	33.2	33.6
Fort Smith .....	25.6	27.7	27.2	5.0	5.5	5.4	18.0	17.9	18.0
Little Rock-North Little Rock .....	33.3	35.3	35.2	17.2	17.9	17.9	65.1	67.2	67.8
Pine Bluff .....	7.1	7.5	7.5	2.0	2.0	1.9	7.3	7.2	7.3
<b>California</b> .....	1,761.7	1,742.4	1,740.0	604.1	593.6	596.4	2,842.4	2,808.5	2,846.8
Bakersfield .....	10.2	9.9	9.8	8.3	8.3	8.2	41.9	41.5	41.7
Fresno .....	28.9	29.7	29.2	12.6	13.0	12.9	63.5	63.2	63.4
Los Angeles-Long Beach .....	652.4	632.8	633.4	199.1	196.3	196.7	837.3	815.3	826.4
Modesto .....	21.4	21.6	21.0	5.7	5.2	5.1	31.4	32.5	32.7
Oakland .....	100.6	100.6	101.1	56.3	53.2	53.8	208.8	207.6	209.8
Orange County .....	205.9	206.1	206.4	37.6	39.2	39.7	280.4	276.6	282.0
Riverside-San Bernardino .....	84.4	86.9	86.8	37.8	37.9	38.4	199.9	199.4	203.0
Sacramento .....	36.8	37.5	37.6	24.1	24.4	24.4	129.4	129.7	130.6
Salinas .....	8.6	8.9	8.6	5.1	5.1	5.1	28.2	28.4	28.3
San Diego .....	113.9	108.6	108.5	36.2	35.8	35.7	223.7	218.8	221.0
San Francisco .....	74.1	74.2	74.8	75.4	72.8	73.1	194.8	191.7	195.9
San Jose .....	226.5	223.6	223.4	22.7	22.4	22.5	159.5	156.0	157.8
Santa Barbara-Santa Maria-Lompoc .....	17.7	17.0	16.8	4.7	4.5	4.6	34.9	34.9	35.0
Santa Rosa .....	20.2	20.5	20.1	5.8	5.7	5.7	37.0	37.4	37.8
Stockton-Lodi .....	20.8	21.4	21.4	9.8	9.9	9.9	38.8	39.5	39.4
Vallejo-Fairfield-Napa .....	13.6	13.8	13.7	5.8	5.7	5.6	36.0	36.7	36.8
Ventura .....	29.3	28.6	28.4	10.1	10.3	10.3	54.3	54.8	56.1
<b>Colorado</b> .....	189.2	193.6	193.3	106.3	104.2	105.4	422.2	435.7	443.1
Boulder-Longmont .....	29.6	30.5	30.4	3.6	3.6	3.6	29.4	31.2	31.2
Denver .....	88.8	89.6	89.8	75.3	72.2	72.9	228.9	237.6	239.7
<b>Connecticut</b> .....	290.3	283.8	283.2	70.3	69.2	69.5	335.4	331.9	335.0
Bridgeport .....	43.3	42.3	42.3	7.3	7.0	7.0	39.2	38.0	38.3
Danbury .....	20.8	20.5	20.7	2.8	2.8	2.8	22.3	21.5	21.7
Hartford .....	97.3	94.9	94.4	24.2	25.1	25.2	123.9	125.3	126.9
New Haven-Meriden .....	42.2	40.3	40.3	16.1	15.7	15.8	49.8	48.9	49.2
Stamford-Norwalk .....	29.3	28.2	28.3	8.5	8.5	8.5	43.7	42.3	42.9
Waterbury .....	17.4	17.8	17.9	3.5	3.4	3.4	16.7	16.6	16.7
<b>Delaware</b> .....	64.5	63.4	62.9	15.0	15.6	15.5	77.9	79.3	80.2
Wilmington-Newark .....	48.9	46.6	46.2	13.1	13.7	13.6	56.5	57.2	57.8
<b>District of Columbia</b> .....	14.0	14.3	14.2	20.6	20.7	20.6	53.2	54.4	55.3
Washington PMSA .....	93.7	97.0	97.0	105.8	104.2	104.0	446.3	450.0	459.8
<b>Florida</b> .....	484.8	487.6	488.5	289.9	289.0	293.0	1,510.9	1,529.9	1,561.5
Daytona Beach .....	13.0	13.7	13.7	3.8	3.7	3.8	39.4	40.1	40.9
Fort Lauderdale .....	41.2	41.8	41.6	26.5	26.9	27.5	164.0	164.4	168.6
Fort Myers-Cape Coral .....	5.5	5.8	5.6	6.0	5.8	6.0	38.8	39.7	40.7
Gainesville .....	5.1	5.3	5.3	1.9	1.9	1.9	21.3	22.2	22.3
Jacksonville .....	34.5	35.1	35.2	32.7	33.0	33.1	118.0	118.2	119.8
Lakeland-Winter Haven .....	19.7	21.0	21.4	8.1	8.1	8.3	44.4	44.7	45.7
Melbourne-Titusville-Palm Bay .....	28.5	29.0	29.3	5.1	4.7	4.7	38.5	40.3	41.1
Miami .....	81.7	81.2	81.6	73.9	74.1	75.1	244.4	243.4	247.7
Orlando .....	52.1	54.1	54.1	38.0	37.8	38.3	166.5	171.4	174.1
Pensacola .....	11.3	11.2	11.2	5.8	5.8	5.9	34.0	34.9	35.3
Sarasota-Bradenton .....	18.1	19.0	19.1	5.4	5.1	5.1	53.0	52.2	53.6
Tallahassee .....	4.5	4.8	4.7	3.2	3.0	3.1	30.2	31.1	31.5
Tampa-St. Petersburg-Clearwater .....	87.8	88.4	88.6	42.5	43.2	43.9	238.2	237.6	241.8
West Palm Beach-Boca Raton .....	30.8	31.6	31.7	14.2	13.9	14.2	105.2	103.0	106.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Alabama</b> .....	76.4	76.8	77.2	365.1	372.7	372.1	344.5	363.1	346.4
Birmingham.....	31.0	31.3	31.3	115.1	119.0	118.9	67.7	69.0	68.6
Huntsville.....	4.5	4.4	4.4	41.3	38.6	38.0	39.4	40.2	39.1
Mobile.....	8.4	8.4	8.4	52.9	54.6	54.7	32.8	35.4	33.0
Montgomery.....	8.4	8.3	8.3	35.3	36.1	36.2	37.2	38.4	37.4
Tuscaloosa.....	2.2	2.3	2.3	11.1	11.2	11.1	22.8	22.9	22.5
<b>Alaska</b> .....	11.3	11.3	11.2	55.5	57.0	57.0	75.8	75.1	75.2
Anchorage.....	6.9	6.8	6.8	31.0	31.7	31.7	30.1	29.2	29.3
<b>Arizona</b> .....	101.5	102.5	102.5	460.2	481.1	485.2	297.4	310.1	307.8
Phoenix-Mesa.....	81.2	82.4	82.6	317.2	331.3	335.0	163.8	170.9	169.1
Tucson.....	12.6	12.2	12.1	83.4	86.9	87.5	66.1	68.6	68.7
<b>Arkansas</b> .....	41.0	41.6	41.9	219.1	232.7	230.1	173.1	175.3	175.1
Fayetteville-Springdale-Rogers.....	4.1	4.4	4.4	22.0	22.9	22.7	16.7	17.6	17.5
Fort Smith.....	2.9	2.9	2.9	22.0	21.3	21.6	9.3	9.4	9.4
Little Rock-North Little Rock.....	16.5	16.6	16.7	75.5	76.6	76.1	54.7	56.0	56.1
Pine Bluff.....	1.3	1.3	1.3	7.9	8.1	8.1	8.2	8.2	8.1
<b>California</b> .....	782.6	757.3	756.9	3,484.4	3,533.0	3,532.2	2,098.9	2,115.3	2,112.5
Bakersfield.....	5.9	5.8	5.9	40.1	41.9	41.8	47.2	48.1	48.2
Fresno.....	14.3	13.8	13.8	61.7	60.9	60.8	60.6	61.1	61.5
Los Angeles-Long Beach.....	248.1	239.0	238.8	1,158.9	1,175.9	1,169.7	535.6	535.2	538.7
Modesto.....	4.9	4.6	4.5	27.6	28.6	28.1	22.0	23.0	22.7
Oakland.....	58.1	55.5	55.6	237.1	239.6	241.4	167.1	173.7	171.8
Orange County.....	91.4	86.9	87.0	333.6	340.7	339.9	130.9	131.7	132.0
Riverside-San Bernardino.....	31.8	30.7	30.7	192.3	197.6	198.5	158.4	160.4	161.1
Sacramento.....	40.9	40.5	40.5	143.4	143.5	144.9	158.6	164.0	160.2
Salinas.....	6.4	6.3	6.3	27.5	27.8	27.5	26.2	25.0	25.1
San Diego.....	59.8	57.4	57.1	287.4	289.2	289.1	181.8	185.1	185.0
San Francisco.....	101.1	99.3	99.3	313.0	312.1	313.7	130.7	127.9	128.6
San Jose.....	30.9	29.7	29.8	233.8	235.0	235.4	87.9	88.3	88.4
Santa Barbara-Santa Maria-Lompoc.....	7.2	6.8	6.8	42.6	42.4	42.5	29.1	30.4	29.8
Santa Rosa.....	9.9	9.8	9.9	38.8	40.5	40.6	25.5	26.1	26.1
Stockton-Lodi.....	8.6	8.0	7.9	35.3	35.6	35.4	33.1	34.7	33.7
Vallejo-Fairfield-Napa.....	5.3	5.2	5.1	34.7	36.7	36.0	34.8	33.6	33.6
Ventura.....	12.2	11.6	11.6	64.2	65.3	65.0	44.0	42.9	43.4
<b>Colorado</b> .....	108.9	109.4	110.7	479.8	490.2	495.8	303.4	308.9	306.5
Boulder-Longmont.....	5.3	5.0	5.0	38.9	39.6	39.7	25.8	26.1	26.1
Denver.....	71.6	73.6	73.7	260.0	273.8	274.3	141.1	142.4	141.9
<b>Connecticut</b> .....	138.2	136.0	136.4	449.4	465.8	465.8	212.5	219.3	216.6
Bridgeport.....	10.8	10.9	11.0	51.4	52.4	52.3	18.9	19.4	19.4
Danbury.....	3.9	4.0	4.1	21.1	22.0	22.1	10.5	10.9	10.9
Hartford.....	79.3	74.8	74.8	155.2	162.2	161.2	87.4	90.0	86.9
New Haven-Meriden.....	14.7	14.6	14.6	78.5	76.7	76.5	31.6	31.8	31.6
Stamford-Norwalk.....	19.9	20.4	20.5	62.1	62.1	62.6	17.1	17.4	17.5
Waterbury.....	4.2	4.1	4.2	23.8	22.5	22.3	13.0	12.6	12.5
<b>Delaware</b> .....	35.7	37.7	37.7	91.2	94.9	94.6	50.7	51.4	51.7
Wilmington-Newark.....	30.9	32.4	32.4	73.5	76.6	76.6	36.6	37.3	37.4
<b>District of Columbia</b> .....	30.0	29.9	29.8	258.9	266.3	264.9	283.2	273.0	272.0
Washington PMSA.....	131.4	130.7	130.6	823.2	845.0	846.0	635.8	626.5	624.1
<b>Florida</b> .....	362.4	370.3	370.4	1,867.9	1,966.4	1,982.5	910.8	976.3	939.1
Daytona Beach.....	6.1	6.1	6.1	43.1	45.6	45.7	25.5	27.5	26.2
Fort Lauderdale.....	40.9	40.5	40.4	180.3	190.7	192.5	77.7	83.5	80.7
Fort Myers-Cape Coral.....	8.5	8.6	8.7	43.5	44.9	45.2	21.9	23.7	22.5
Gainesville.....	4.4	4.5	4.5	28.8	30.7	30.6	37.8	39.3	38.7
Jacksonville.....	43.5	44.6	44.8	131.1	137.1	137.3	64.9	68.0	65.7
Lakeland-Winter Haven.....	7.5	7.6	7.6	41.0	42.9	43.0	25.1	27.2	26.1
Melbourne-Titusville-Palm Bay.....	5.5	5.9	5.9	57.9	59.0	59.2	25.0	27.3	26.2
Miami.....	64.8	63.5	63.5	284.7	294.3	295.9	132.7	141.6	137.8
Orlando.....	38.8	41.0	41.4	257.1	277.8	278.9	81.0	86.1	83.6
Pensacola.....	5.1	5.1	5.1	42.7	44.7	44.6	29.1	29.0	28.1
Sarasota-Bradenton.....	10.8	10.7	10.8	90.9	96.5	96.7	24.8	27.6	25.7
Tallahassee.....	5.2	5.4	5.4	30.9	32.5	32.5	55.8	58.3	57.8
Tampa-St. Petersburg-Clearwater.....	65.2	67.2	67.2	323.1	338.5	341.9	125.7	133.0	127.4
West Palm Beach-Boca Raton.....	25.7	25.2	25.0	135.8	138.6	140.3	48.2	53.1	50.2

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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>F</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>F</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>F</sup>
<b>Georgia</b> .....	3,198.5	3,340.6	3,351.4	7.5	7.4	7.4	132.5	146.9	145.7
Albany .....	52.3	53.3	53.7	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.3	2.5	2.5
Athens .....	61.4	64.4	62.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	1.8	1.8
Atlanta .....	1,692.2	1,776.2	1,783.4	1.4	1.4	1.4	71.9	86.9	86.1
Augusta-Aiken .....	190.1	192.1	192.5	.5	.5	.5	10.7	10.6	10.7
Columbus .....	102.6	104.6	104.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	4.1	4.1
Macon .....	135.5	138.2	138.6	1.1	1.1	1.1	4.2	4.8	4.9
Savannah .....	121.0	123.0	123.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.7	6.0	5.8
<b>Hawaii</b> .....	543.4	536.8	542.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	30.9	29.4	28.9
Honolulu .....	418.7	412.2	415.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.4	21.7	21.1
<b>Idaho</b> .....	451.0	472.7	471.2	2.0	2.4	2.2	25.5	30.7	28.8
Boise City .....	163.3	173.1	172.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.8	13.1	12.8
<b>Illinois</b> .....	5,411.1	5,497.3	5,496.2	15.4	15.0	14.9	198.7	214.4	200.2
Bloomington-Normal .....	71.8	73.4	73.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.3	2.1
Champaign-Urbana .....	94.0	94.3	93.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.9	2.7
Chicago .....	3,754.5	3,836.9	3,840.0	2.1	2.2	2.1	135.3	148.5	142.4
Davenport-Moline-Rock Island .....	167.1	172.5	171.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.8	8.4	7.5
Decatur .....	54.7	52.3	52.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	3.1	2.9
Kankakee .....	39.3	39.7	40.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	2.0	1.9
Peoria-Pekin .....	152.9	149.1	148.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.2	7.9	7.2
Rockford .....	157.6	162.2	162.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.7	6.2	5.8
Springfield .....	106.9	109.0	109.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.5	4.2
<b>Indiana</b> .....	2,643.6	2,688.4	2,682.8	6.2	6.2	6.0	118.7	129.1	123.3
Bloomington .....	60.7	62.6	62.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.8	2.8
Elkhart-Goshen .....	108.4	112.9	112.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.8	3.7	3.6
Evansville-Henderson .....	142.3	141.1	139.8	1.6	1.5	1.5	7.7	9.7	9.2
Fort Wayne .....	244.6	254.1	253.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.1	11.6	10.9
Gary .....	246.2	251.8	250.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.4	15.3	14.5
Indianapolis .....	741.6	756.8	759.3	.6	.5	.5	36.2	37.2	36.5
Kokomo .....	51.2	51.5	52.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.2	1.2
Lafayette .....	86.5	90.0	90.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	3.2	3.0
Muncie .....	60.5	61.3	61.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.2	2.1
South Bend .....	123.3	127.5	126.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.0	7.1	6.5
Terre Haute .....	66.6	66.2	66.2	.4	.3	.3	3.0	3.3	3.0
<b>Iowa</b> .....	1,301.1	1,338.3	1,331.8	2.0	2.3	2.1	46.8	53.6	46.8
Cedar Rapids .....	102.6	105.5	105.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.8	5.5
Des Moines .....	249.5	256.2	253.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.0	11.3	9.4
Dubuque .....	49.5	50.1	49.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.8	1.7
Iowa City .....	61.8	63.4	63.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	2.0	2.0
Sioux City .....	60.4	61.6	61.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.5	2.2
Waterloo-Cedar Falls .....	66.7	68.1	67.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.5	2.4
<b>Kansas</b> .....	1,157.1	1,184.3	1,176.3	8.8	8.8	8.8	47.7	53.6	50.6
Lawrence .....	40.6	41.4	41.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.5	1.3
Topeka .....	95.8	96.8	96.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	3.8	3.4
Wichita .....	250.6	252.5	251.1	1.6	1.6	1.7	12.0	12.6	12.2
<b>Kentucky</b> .....	1,550.7	1,607.4	1,607.3	26.8	28.9	29.1	70.4	73.9	70.8
Lexington .....	242.6	250.2	250.0	.2	.2	.2	10.8	12.5	11.9
Louisville .....	502.4	512.6	513.5	.6	.6	.6	24.3	25.5	25.0
Owensboro .....	39.1	40.4	40.5	.5	.5	.5	2.3	2.3	2.3
<b>Louisiana</b> .....	1,657.7	1,730.3	1,733.2	45.8	46.7	46.7	98.6	109.5	109.5
Alexandria .....	50.3	51.2	51.3	.1	.2	.2	3.2	3.4	3.2
Baton Rouge .....	258.4	266.3	266.9	.9	.9	.9	31.3	31.7	32.3
Houma .....	60.9	61.8	61.7	5.1	5.2	5.1	3.1	2.8	2.8
Lafayette .....	138.5	140.2	140.6	11.6	11.4	11.4	7.0	7.2	7.0
Lake Charles .....	74.4	74.9	75.4	1.4	1.4	1.4	7.8	7.7	7.7
Monroe .....	62.8	63.2	63.3	.3	.3	.3	3.1	3.2	3.2
New Orleans .....	577.4	582.5	584.1	14.1	13.7	13.8	26.5	24.1	23.9
Shreveport-Bossier City .....	155.6	160.2	159.7	3.0	3.2	3.2	9.0	8.2	8.1
<b>Maine</b> .....	525.5	538.9	536.0	.1	.1	.1	21.4	23.2	22.3
Lewiston-Auburn .....	41.2	42.1	42.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1.6	1.8	1.8
Portland .....	129.2	129.9	129.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.3	5.6	5.4

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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Georgia</b> .....	561.7	577.1	579.2	204.7	206.9	206.3	808.7	819.4	832.4
Albany .....	7.4	7.6	7.5	2.9	3.1	3.1	13.3	13.6	13.7
Athens .....	10.9	11.4	11.4	1.7	1.7	1.7	15.1	14.6	14.7
Atlanta .....	199.3	203.2	204.6	140.7	139.1	138.9	459.6	468.1	474.6
Augusta-Aiken .....	43.8	44.5	44.5	5.4	5.4	5.3	40.7	40.0	40.8
Columbus .....	20.8	20.3	20.4	3.4	3.4	3.3	23.7	24.1	24.2
Macon .....	18.5	18.9	19.0	5.2	5.1	5.1	32.8	31.8	32.3
Savannah .....	17.7	17.4	17.4	9.3	9.7	9.7	30.7	30.5	30.8
<b>Hawaii</b> .....	18.5	17.0	16.8	40.1	39.5	39.7	134.5	132.4	135.5
Honolulu .....	13.5	12.9	12.8	32.9	32.3	32.5	101.3	99.9	101.8
<b>Idaho</b> .....	71.0	73.1	72.6	21.6	21.7	21.8	115.0	120.4	120.7
Boise City .....	29.7	32.2	31.8	7.5	7.5	7.6	39.3	40.8	41.2
<b>Illinois</b> .....	941.5	935.7	936.0	315.0	319.0	318.7	1,283.9	1,309.2	1,325.9
Bloomington-Normal .....	7.4	8.4	8.4	2.9	3.0	3.0	16.6	16.5	16.6
Champaign-Urbana .....	10.3	10.2	10.3	2.5	2.7	2.7	20.8	20.1	20.3
Chicago .....	641.1	643.9	644.0	228.2	232.5	232.4	896.1	913.3	925.0
Davenport-Moline-Rock Island .....	28.4	28.9	28.9	7.9	8.4	8.3	48.0	49.9	50.1
Decatur .....	12.8	9.9	9.9	5.2	5.1	5.1	12.5	12.5	12.6
Kankakee .....	6.9	6.8	6.9	1.9	1.9	1.9	10.0	10.2	10.5
Peoria-Pekin .....	31.2	24.4	24.4	7.8	8.2	8.2	37.1	37.7	38.2
Rockford .....	49.8	51.1	51.3	6.8	7.2	7.4	33.7	34.7	35.4
Springfield .....	4.1	4.2	4.3	5.2	5.2	5.1	22.2	25.2	23.6
<b>Indiana</b> .....	642.3	658.9	660.9	136.0	136.9	135.1	630.9	634.8	640.8
Bloomington .....	8.7	9.1	9.1	1.7	1.8	1.8	14.3	14.6	14.7
Elkhart-Goshen .....	54.9	58.9	58.5	2.9	3.2	3.1	20.3	20.6	20.9
Evansville-Henderson .....	32.1	30.4	30.3	6.8	6.5	6.5	35.7	34.9	35.2
Fort Wayne .....	67.1	71.6	71.0	16.1	15.4	14.0	56.7	59.3	60.8
Gary .....	52.6	53.5	53.2	16.7	16.3	16.1	58.9	58.4	59.1
Indianapolis .....	125.0	125.7	126.7	42.6	42.6	42.6	196.0	210.5	213.2
Kokomo .....	20.7	21.1	21.3	1.3	1.2	1.2	10.7	10.5	10.6
Lafayette .....	17.7	20.0	20.0	2.3	2.4	2.4	17.3	18.0	18.4
Muncie .....	11.0	11.3	11.3	5.3	5.4	5.3	13.0	13.2	13.1
South Bend .....	21.7	22.5	22.6	5.3	5.4	5.3	30.7	31.9	32.2
Terre Haute .....	12.8	13.3	13.4	2.7	2.6	2.6	19.5	18.7	18.7
<b>Iowa</b> .....	238.9	246.4	246.4	57.4	58.8	58.8	326.9	331.8	334.8
Cedar Rapids .....	21.0	21.7	21.5	5.8	5.9	5.9	23.7	23.8	24.0
Des Moines .....	25.3	25.3	25.2	11.9	12.3	12.4	65.4	67.5	67.3
Dubuque .....	12.7	13.2	13.1	2.0	2.0	1.9	11.6	11.9	12.1
Iowa City .....	4.2	4.5	4.6	1.8	1.8	1.8	11.7	11.9	11.9
Sioux City .....	12.0	12.5	12.5	3.5	3.5	3.5	15.6	15.7	15.8
Waterloo-Cedar Falls .....	14.2	14.2	14.4	2.0	2.1	2.1	16.4	16.6	16.6
<b>Kansas</b> .....	181.2	184.2	184.6	68.3	70.1	70.6	281.2	282.1	284.0
Lawrence .....	4.4	4.4	4.5	1.1	1.3	1.2	10.2	10.1	10.2
Topeka .....	9.4	9.5	9.7	6.8	7.0	6.9	21.4	21.2	21.6
Wichita .....	56.4	56.4	56.3	11.3	11.4	11.4	58.4	58.2	58.6
<b>Kentucky</b> .....	294.2	305.2	306.7	83.1	86.4	85.8	368.8	380.6	384.6
Lexington .....	39.6	40.1	40.1	9.0	9.0	9.3	56.3	56.8	57.6
Louisville .....	87.8	88.3	88.9	33.4	36.3	35.6	121.8	126.6	128.6
Owensboro .....	6.1	6.4	6.4	2.0	2.0	2.0	10.3	10.7	10.7
<b>Louisiana</b> .....	187.8	190.2	189.4	106.7	110.2	111.0	389.1	400.2	402.5
Alexandria .....	3.5	3.6	3.6	2.5	2.5	2.6	11.3	11.3	11.3
Baton Rouge .....	23.1	23.5	23.5	11.7	11.9	11.8	57.2	59.3	60.2
Houma .....	5.4	5.7	5.6	6.0	5.9	5.8	14.9	15.5	15.5
Lafayette .....	16.1	16.7	16.8	8.1	8.2	8.3	35.2	35.8	36.0
Lake Charles .....	11.0	11.3	11.4	4.5	4.2	4.3	16.7	16.6	16.7
Monroe .....	8.1	8.1	8.1	3.4	3.4	3.4	15.7	15.8	15.8
New Orleans .....	47.5	48.7	48.4	43.9	42.0	41.6	141.8	142.9	144.8
Shreveport-Bossier City .....	20.1	20.4	20.4	8.1	7.9	7.9	37.2	37.6	37.7
<b>Maine</b> .....	92.5	93.3	93.1	21.8	21.0	21.4	132.8	139.7	139.5
Lewiston-Auburn .....	8.2	8.6	8.6	1.5	1.6	1.7	11.6	11.0	10.9
Portland .....	13.0	13.6	13.6	5.9	5.5	5.5	40.6	41.0	41.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Georgia</b> .....	168.1	168.0	168.7	755.5	832.5	832.1	559.8	582.4	579.6
Albany .....	2.1	1.9	1.9	12.2	12.4	12.7	12.1	12.2	12.3
Athens .....	2.0	2.0	2.0	11.2	11.6	11.8	18.7	21.3	19.5
Atlanta .....	110.3	112.4	113.0	467.9	517.6	517.7	241.1	247.5	247.1
Augusta-Aiken .....	6.7	6.9	6.8	42.2	43.7	43.4	40.1	40.5	40.5
Columbus .....	7.3	7.2	7.2	23.0	25.3	25.3	20.1	20.2	20.3
Macon .....	8.3	8.2	8.2	29.5	31.9	32.0	35.9	36.4	36.0
Savannah .....	4.4	4.1	4.1	33.2	34.6	34.6	20.0	20.7	20.9
<b>Hawaii</b> .....	39.6	39.2	39.0	163.9	165.4	165.9	115.9	113.9	116.2
Honolulu .....	32.4	32.0	31.9	121.1	121.5	121.5	94.1	91.9	94.0
<b>Idaho</b> .....	23.3	24.5	24.7	99.8	103.3	104.1	92.8	96.6	96.3
Boise City .....	11.0	11.9	12.0	37.2	38.3	38.3	27.8	29.3	29.2
<b>Illinois</b> .....	385.1	388.1	390.4	1,484.4	1,520.5	1,516.7	787.1	795.4	793.4
Bloomington-Normal .....	12.0	12.4	12.4	16.3	16.8	16.7	14.3	14.0	14.1
Champaign-Urbana .....	3.3	3.3	3.3	19.6	20.5	20.2	34.8	34.6	33.9
Chicago .....	300.2	303.8	305.5	1,083.9	1,121.2	1,117.3	467.6	471.5	471.3
Davenport-Moline-Rock Island .....	7.5	7.7	7.7	41.6	42.8	42.7	25.9	26.4	26.4
Decatur .....	2.3	2.3	2.3	13.1	13.2	13.2	5.9	6.2	6.1
Kankakee .....	1.7	1.7	1.7	10.2	10.5	10.5	6.8	6.6	6.6
Peoria-Pekin .....	8.4	8.3	8.3	43.7	45.1	45.1	17.5	17.5	17.5
Rockford .....	6.9	6.9	7.0	39.1	40.2	40.0	15.6	15.9	16.0
Springfield .....	7.9	8.2	8.2	30.3	30.6	30.4	33.0	33.1	33.2
<b>Indiana</b> .....	128.8	128.2	128.4	574.3	586.8	585.6	406.7	407.5	402.7
Bloomington .....	2.0	2.4	2.3	11.7	12.0	12.0	19.7	19.9	19.7
Elkhart-Goshen .....	2.9	3.0	3.0	16.8	17.0	17.2	6.8	6.5	6.5
Evansville-Henderson .....	6.2	5.8	5.9	37.7	37.9	37.2	14.5	14.4	14.0
Fort Wayne .....	12.8	13.1	13.3	55.4	57.2	57.5	25.4	25.9	26.1
Gary .....	9.5	9.5	9.5	58.5	58.6	58.3	35.6	40.2	40.0
Indianapolis .....	54.8	54.6	54.6	176.6	176.1	175.3	109.8	109.6	109.9
Kokomo .....	1.4	1.4	1.4	8.6	8.2	8.3	7.4	7.9	8.0
Lafayette .....	3.6	3.9	3.9	18.0	17.7	18.2	24.6	24.8	24.8
Muncie .....	1.8	1.8	1.8	13.6	13.9	13.9	13.4	13.5	13.5
South Bend .....	6.2	5.9	5.9	39.0	41.3	40.9	13.4	13.4	13.4
Terre Haute .....	2.4	2.4	2.4	14.6	14.1	14.1	11.2	11.5	11.7
<b>Iowa</b> .....	75.4	76.3	77.0	323.2	331.4	330.9	230.5	237.7	235.0
Cedar Rapids .....	5.4	5.5	5.5	29.3	30.5	30.7	12.4	12.3	12.3
Des Moines .....	34.9	35.8	35.6	68.2	69.6	69.0	33.8	34.4	34.1
Dubuque .....	1.6	1.6	1.6	16.1	15.5	15.4	4.0	4.1	4.0
Iowa City .....	1.7	1.7	1.7	11.6	13.1	12.7	28.6	28.4	28.8
Sioux City .....	2.7	2.7	2.7	17.5	17.5	17.5	6.9	7.2	7.1
Waterloo-Cedar Falls .....	2.8	2.7	2.7	16.4	16.4	16.3	12.8	13.6	13.1
<b>Kansas</b> .....	58.6	58.7	58.6	274.4	281.4	280.8	236.9	245.4	238.3
Lawrence .....	1.8	1.9	1.9	8.4	8.7	8.7	13.1	13.5	13.3
Topeka .....	6.2	6.2	6.3	24.9	25.0	25.0	23.6	24.1	23.2
Wichita .....	11.1	10.9	10.9	86.2	66.1	66.1	33.6	35.3	33.9
<b>Kentucky</b> .....	63.0	62.2	62.0	364.0	378.4	376.8	280.4	291.8	291.5
Lexington .....	9.8	9.6	9.6	61.4	65.2	64.8	55.5	56.8	56.5
Louisville .....	29.0	29.2	29.2	136.6	138.4	137.8	68.9	67.7	67.8
Owensboro .....	1.7	1.6	1.6	9.5	9.9	9.9	6.7	7.0	7.1
<b>Louisiana</b> .....	78.1	79.5	79.7	412.0	440.1	442.0	339.6	353.9	352.4
Alexandria .....	2.2	2.2	2.2	14.3	14.8	14.9	13.2	13.2	13.3
Baton Rouge .....	14.8	14.6	14.5	63.1	66.3	67.0	56.3	58.1	56.7
Houma .....	2.3	2.1	2.1	11.8	11.9	12.1	12.3	12.7	12.7
Lafayette .....	5.6	5.6	5.7	32.6	33.2	33.2	22.3	22.1	22.2
Lake Charles .....	2.6	2.6	2.6	18.1	18.4	18.6	12.3	12.7	12.7
Monroe .....	4.3	4.3	4.3	15.8	16.1	16.1	12.1	12.0	12.1
New Orleans .....	30.2	30.1	30.2	170.6	176.0	175.3	102.8	105.0	106.1
Shreveport-Bossier City .....	6.7	6.6	6.6	40.4	44.8	44.3	31.1	31.5	31.5
<b>Maine</b> .....	25.8	25.7	25.6	134.5	138.7	130.2	96.6	97.2	95.8
Lewiston-Auburn .....	2.0	2.0	1.9	11.5	12.3	12.3	4.8	4.8	4.8
Portland .....	12.1	12.1	12.1	34.8	35.0	35.1	17.5	17.1	16.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Maryland</b>	2,130.9	2,146.1	2,154.6	1.1	1.2	1.1	120.7	125.2	123.3
Baltimore PMSA	1,107.0	1,118.6	1,117.7	.2	.2	.2	57.0	60.4	59.1
Baltimore City	418.4	416.9	416.2	(?)	(?)	(?)	12.7	13.2	13.0
Suburban Maryland-D.C.	780.5	792.8	795.4	(?)	(?)	(?)	50.9	53.3	52.5
<b>Massachusetts</b>	2,905.2	2,975.7	2,973.9	1.3	1.2	1.2	85.5	91.7	87.2
Boston	1,772.4	1,806.6	1,811.2	.4	.4	.4	46.6	50.3	48.7
Brockton	83.5	86.0	86.0	(?)	(?)	(?)	2.6	2.6	2.5
Fitchburg-Leominster	49.5	50.6	50.3	(?)	(?)	(?)	1.2	1.2	1.1
Lawrence	134.0	137.3	137.5	(?)	(?)	(?)	4.8	4.9	4.7
Lowell	103.0	104.9	105.2	(?)	(?)	(?)	4.0	4.1	3.8
New Bedford	61.4	62.8	62.4	(?)	(?)	(?)	1.8	1.9	1.8
Pittsfield	40.8	41.7	41.6	.1	.1	.1	1.1	1.3	1.2
Springfield	240.3	244.3	244.1	.1	.1	.1	6.7	6.6	6.4
Worcester	210.5	214.0	213.7	.2	.2	.2	6.4	6.9	6.5
<b>Michigan</b>	4,068.3	4,211.3	4,207.5	8.5	9.0	8.6	130.9	153.7	143.7
Ann Arbor	251.2	254.0	253.6	(?)	(?)	(?)	6.5	6.9	6.4
Benton Harbor	68.2	70.8	70.3	(?)	(?)	(?)	1.9	2.1	2.0
Detroit	1,924.7	1,975.0	1,979.4	.8	1.0	.9	56.8	67.3	64.3
Flint	167.3	172.4	173.4	(?)	(?)	(?)	5.1	5.2	4.9
Grand Rapids-Muskegon-Holland	475.3	493.1	492.4	(?)	(?)	(?)	18.7	21.0	20.0
Jackson	56.8	58.4	58.2	(?)	(?)	(?)	1.7	1.9	1.8
Kalamazoo-Battle Creek	199.6	205.1	204.7	(?)	(?)	(?)	6.4	7.2	6.8
Lansing-East Lansing	219.8	223.1	223.4	(?)	(?)	(?)	6.2	6.7	6.4
Saginaw-Bay City-Midland	167.8	173.4	173.4	(?)	(?)	(?)	7.3	8.5	7.9
<b>Minnesota</b>	2,289.4	2,351.1	2,348.6	7.0	8.2	7.8	76.8	85.3	77.0
Duluth-Superior	101.0	103.7	103.4	4.9	5.3	5.2	3.7	4.1	3.9
Minneapolis-St. Paul	1,481.5	1,520.1	1,519.6	(?)	(?)	(?)	46.9	51.9	48.2
Rochester	70.0	69.4	68.9	(?)	(?)	(?)	2.1	2.4	1.9
St. Cloud	79.3	80.3	80.2	(?)	(?)	(?)	3.3	3.8	3.4
<b>Mississippi</b>	1,019.6	1,045.6	1,041.5	5.3	5.2	5.2	41.3	41.8	41.1
Jackson	200.0	205.4	206.5	(?)	(?)	(?)	8.3	8.6	8.6
<b>Missouri</b>	2,445.4	2,516.5	2,512.4	4.3	4.3	4.2	98.5	107.1	105.1
Kansas City	818.1	845.8	847.1	(?)	(?)	(?)	34.7	41.2	40.3
St. Louis	1,207.3	1,238.5	1,236.4	(?)	(?)	(?)	57.8	61.1	59.4
Springfield	143.9	150.0	149.9	(?)	(?)	(?)	6.0	6.1	6.1
<b>Montana</b>	331.8	342.5	340.0	5.7	5.7	5.5	13.4	15.8	13.8
<b>Nebraska</b>	772.8	803.6	794.8	1.4	1.5	1.4	31.3	34.3	31.3
Lincoln	130.1	133.5	131.6	(?)	(?)	(?)	5.0	5.3	4.9
Omaha	349.4	357.7	356.8	(?)	(?)	(?)	15.9	16.8	15.9
<b>Nevada</b>	699.0	730.0	728.1	12.5	13.1	13.1	46.3	49.0	48.4
Las Vegas	478.4	499.4	499.5	1.7	1.8	1.8	35.3	36.8	36.7
Reno	154.0	160.1	159.1	.7	.7	.7	7.9	8.5	8.1
<b>New Hampshire</b>	512.2	522.6	523.3	.4	.5	.4	17.1	19.1	18.5
Manchester	87.2	88.3	88.8	(?)	(?)	(?)	3.3	3.8	3.8
Nashua	81.2	82.7	82.3	(?)	(?)	(?)	2.1	2.2	2.1
Portsmouth-Rochester	103.5	106.5	105.2	(?)	(?)	(?)	2.4	2.7	2.5
<b>New Jersey</b>	3,546.4	3,605.9	3,610.2	1.8	2.0	1.9	120.1	130.2	126.2
Atlantic-Cape May	163.8	168.0	165.8	(?)	(?)	(?)	5.6	6.0	6.2
Bergen-Passaic	613.7	624.2	622.3	(?)	(?)	(?)	20.6	22.9	21.2
Camden	441.1	446.5	447.8	(?)	(?)	(?)	17.5	20.8	20.2
Jersey City	235.3	243.2	241.7	(?)	(?)	(?)	4.7	5.0	4.9
Middlesex-Somerset-Hunterdon	558.6	568.3	567.3	.5	.5	.5	17.3	17.9	17.1
Monmouth-Ocean	332.5	342.9	341.7	(?)	(?)	(?)	15.5	17.8	17.7
Newark	921.1	932.7	931.7	.6	.8	.8	30.6	30.8	30.0
Trenton	198.5	197.8	199.3	(?)	(?)	(?)	4.4	4.5	4.5
Vineland-Milville-Bridgeton	56.5	57.6	56.7	.3	.3	.3	1.9	1.8	1.7
<b>New Mexico</b>	635.0	671.8	672.4	16.2	17.2	17.2	38.0	44.6	43.9
Albuquerque	294.3	311.0	312.2	(?)	(?)	(?)	19.5	22.9	23.0
Las Cruces	46.9	48.6	49.0	(?)	(?)	(?)	2.4	3.1	3.0
Santa Fe	67.0	71.2	71.0	(?)	(?)	(?)	3.4	4.1	4.0
<b>New York</b>	7,857.7	7,915.3	7,919.5	5.0	5.6	5.3	237.0	265.4	253.5
Albany-Schenectady-Troy	436.0	437.4	436.1	.4	.6	.5	15.2	16.1	14.6
Binghamton	114.1	113.0	113.0	(?)	(?)	(?)	3.9	4.6	4.3

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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Maryland</b>	178.5	177.0	177.1	100.1	96.7	97.1	509.6	513.7	522.3
Baltimore PMSA	108.7	105.9	105.7	53.7	52.2	52.6	255.9	259.5	262.0
Baltimore City	38.3	37.5	37.4	21.2	19.9	20.2	66.2	67.2	66.9
Suburban Maryland-D.C.	34.0	34.5	34.7	31.6	31.7	31.8	191.1	195.5	197.8
<b>Massachusetts</b>	448.7	447.6	446.7	127.2	127.4	127.8	669.1	686.5	691.4
Boston	223.0	220.5	221.0	79.8	80.6	80.7	389.6	395.8	399.5
Brockton	11.0	11.3	11.4	4.6	4.8	4.8	26.9	28.2	28.3
Fitchburg-Leominster	14.4	14.7	14.6	2.0	2.1	2.1	11.4	11.2	11.3
Lawrence	33.4	35.0	35.1	4.2	3.9	4.0	34.8	34.8	35.0
Lowell	31.0	30.9	30.8	5.2	5.4	5.6	21.4	21.3	21.6
New Bedford	15.7	16.0	15.5	2.4	2.3	2.4	15.2	15.4	15.5
Pittsfield	7.4	7.4	7.3	1.2	1.1	1.1	10.4	10.6	10.8
Springfield	40.5	40.5	40.4	8.7	9.0	9.0	54.7	55.6	56.1
Worcester	39.4	39.9	40.0	10.0	10.1	10.0	47.6	47.6	48.0
<b>Michigan</b>	923.2	960.8	965.1	157.3	161.8	161.4	969.5	980.9	996.1
Ann Arbor	53.2	54.7	55.1	5.4	5.4	5.4	49.0	48.5	49.3
Benton Harbor	20.4	21.5	21.4	2.8	3.0	2.9	14.7	15.0	15.0
Detroit	425.1	442.2	444.5	86.1	86.6	86.8	470.8	463.5	474.1
Flint	45.9	47.7	48.2	4.5	4.2	4.2	40.3	41.3	41.9
Grand Rapids-Muskegon-Holland	137.2	143.6	144.0	17.2	17.4	17.4	116.3	116.8	117.8
Jackson	12.6	13.3	13.2	3.6	3.6	3.6	14.3	14.2	14.4
Kalamazoo-Battle Creek	49.5	50.9	51.0	6.2	6.4	6.4	44.6	44.7	45.4
Lansing-East Lansing	29.2	30.2	30.6	6.2	6.2	6.3	49.2	49.0	49.8
Saginaw-Bay City-Midland	40.9	41.2	41.4	6.5	6.4	6.5	43.5	44.8	45.3
<b>Minnesota</b>	407.1	420.4	418.7	111.3	112.7	113.2	552.1	563.5	569.3
Duluth-Superior	8.2	8.3	8.2	6.1	6.2	6.1	26.3	26.7	27.0
Minneapolis-St. Paul	266.2	271.5	271.2	77.9	79.7	80.1	354.3	362.3	365.7
Rochester	11.3	10.7	10.4	2.0	2.0	2.0	15.1	15.2	15.4
St. Cloud	13.8	14.1	14.2	2.8	2.8	2.9	24.4	24.4	24.5
<b>Mississippi</b>	256.6	261.5	260.6	45.4	46.5	44.9	215.6	218.9	217.7
Jackson	21.3	22.7	22.7	13.3	15.7	15.4	48.8	49.6	50.2
<b>Missouri</b>	414.9	417.9	419.4	154.9	154.7	154.6	585.0	598.5	600.7
Kansas City	105.6	108.6	108.5	64.9	65.7	66.1	204.6	207.7	209.5
St. Louis	196.5	197.1	197.6	78.0	81.1	80.6	290.9	292.4	295.6
Springfield	21.5	22.1	22.5	8.4	8.6	8.7	41.0	43.7	43.7
<b>Montana</b>	22.9	23.3	23.4	20.7	20.9	21.1	89.1	91.7	92.1
<b>Nebraska</b>	104.4	108.5	109.0	47.7	48.6	49.5	197.4	201.1	202.1
Lincoln	15.5	16.5	16.6	7.6	7.4	7.4	28.6	28.0	28.1
Omaha	34.3	35.2	35.3	24.5	25.1	25.3	89.6	90.8	91.2
<b>Nevada</b>	30.5	31.9	31.9	36.1	37.7	37.7	139.9	145.6	147.1
Las Vegas	16.1	17.3	17.4	23.5	24.9	24.8	96.2	100.3	100.9
Reno	10.7	11.1	11.1	10.8	11.0	11.1	36.0	36.9	37.3
<b>New Hampshire</b>	97.7	99.2	99.1	18.3	18.2	18.1	132.8	133.5	134.0
Manchester	11.4	11.5	11.7	5.5	6.1	6.1	21.9	21.9	22.3
Nashua	26.7	26.3	26.2	2.2	2.0	2.0	20.4	20.5	20.6
Portsmouth-Rochester	17.5	18.2	18.0	3.6	3.7	3.8	25.9	26.4	25.9
<b>New Jersey</b>	514.1	510.6	505.0	239.0	242.5	242.7	842.9	855.1	870.7
Atlantic-Cape May	6.9	7.3	7.3	7.2	7.3	7.2	32.5	34.2	33.7
Bergen-Passaic	112.1	111.4	109.0	29.0	28.9	28.8	177.0	179.4	181.8
Camden	58.1	57.9	57.8	20.5	20.7	20.7	120.6	121.3	122.9
Jersey City	32.7	34.7	32.8	29.5	30.2	29.9	56.5	57.0	57.8
Middlesex-Somerset-Hunterdon	96.9	94.2	94.4	44.3	45.1	44.9	134.4	137.0	137.7
Monmouth-Ocean	21.0	20.4	20.4	18.4	18.5	18.5	90.8	94.2	94.3
Newark	144.3	142.7	143.2	77.9	78.7	79.1	183.6	185.7	187.2
Trenton	23.3	22.2	22.6	6.7	6.8	6.7	32.4	32.2	32.9
Vineland-Milville-Bridgeton	13.7	14.0	13.2	2.1	2.4	2.4	11.0	11.2	11.3
<b>New Mexico</b>	43.2	45.3	45.2	29.6	30.1	30.3	150.6	157.4	158.5
Albuquerque	26.3	28.0	28.0	12.9	13.5	13.7	71.0	74.6	75.2
Las Cruces	2.5	2.5	2.5	1.7	1.7	1.7	10.2	10.4	10.7
Santa Fe	2.2	2.2	2.2	1.2	1.2	1.2	14.1	14.9	15.2
<b>New York</b>	971.8	952.1	942.4	407.8	402.0	403.4	1,609.0	1,610.8	1,636.9
Albany-Schenectady-Troy	43.8	43.4	43.0	16.5	16.3	16.4	90.0	90.9	92.3
Binghamton	26.0	24.1	24.2	4.5	4.2	4.2	25.4	25.4	25.8

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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Maryland</b> .....	130.0	127.9	128.2	663.9	672.8	673.0	427.0	431.6	432.5
Baltimore PMSA .....	73.3	72.4	72.2	346.6	353.7	351.7	211.6	214.3	214.2
Baltimore City .....	38.1	37.2	37.2	150.7	151.3	150.5	91.2	90.6	91.0
Suburban Maryland-D.C. ....	47.7	46.9	46.8	253.4	254.7	255.5	171.8	176.2	176.3
<b>Massachusetts</b> .....	200.7	201.2	201.5	979.7	1,022.7	1,020.6	393.0	397.4	397.5
Boston .....	146.5	147.6	148.3	668.4	693.1	693.3	218.1	218.3	219.3
Brockton .....	3.3	3.4	3.4	20.0	20.6	20.5	15.1	15.1	15.1
Fitchburg-Leominster .....	1.7	1.8	1.8	12.1	12.7	12.5	6.7	6.9	6.9
Lawrence .....	4.9	4.9	5.0	35.0	37.0	36.9	16.9	16.8	16.8
Lowell .....	3.4	3.5	3.6	24.2	26.1	26.3	13.8	13.6	13.5
New Bedford .....	2.0	2.0	2.0	14.8	15.4	15.4	9.5	9.8	9.8
Pittsfield .....	1.9	1.9	1.9	13.6	14.2	14.2	5.1	5.1	5.0
Springfield .....	14.0	13.5	13.6	71.7	74.4	73.7	43.9	44.6	44.8
Worcester .....	15.3	15.7	15.7	60.0	61.8	61.9	31.6	31.8	31.4
<b>Michigan</b> .....	193.1	192.8	193.0	1,026.7	1,078.6	1,075.9	659.0	673.9	663.6
Ann Arbor .....	9.3	9.4	9.5	56.3	57.3	57.3	71.6	71.8	70.7
Benton Harbor .....	2.6	2.7	2.6	16.4	17.3	17.2	9.4	9.3	9.2
Detroit .....	107.6	105.8	105.6	542.4	569.9	568.6	235.3	238.6	234.6
Flint .....	6.2	6.4	6.4	40.9	42.6	42.7	24.5	24.9	25.1
Grand Rapids-Muskegon-Holland .....	19.4	19.5	19.5	113.7	119.8	119.7	52.7	54.9	54.0
Jackson .....	1.9	1.9	1.9	12.5	13.2	13.2	10.2	10.4	10.1
Kalamazoo-Battle Creek .....	10.3	10.7	10.8	47.1	49.1	48.7	35.5	36.0	35.6
Lansing-East Lansing .....	12.3	12.3	12.4	47.7	49.2	48.8	69.0	69.4	69.2
Saginaw-Bay City-Midland .....	6.3	6.1	6.1	40.6	43.0	43.0	22.6	23.4	23.2
<b>Minnesota</b> .....	139.0	138.7	139.0	628.3	648.9	652.5	367.8	373.4	371.1
Duluth-Superior .....	3.5	3.4	3.4	27.0	28.0	28.2	21.3	21.7	21.4
Minneapolis-St. Paul .....	110.1	109.4	109.5	417.8	428.7	430.4	207.9	216.2	214.2
Rochester .....	1.9	1.9	1.9	30.2	29.8	29.8	7.4	7.4	7.5
St. Cloud .....	2.4	2.4	2.5	19.3	19.6	19.5	13.3	13.2	13.2
<b>Mississippi</b> .....	38.8	38.6	38.7	201.0	214.9	215.0	215.6	218.2	218.3
Jackson .....	14.5	14.5	14.5	51.6	51.7	52.4	41.8	42.3	42.4
<b>Missouri</b> .....	142.9	143.7	143.8	653.5	691.8	686.4	391.4	398.5	398.2
Kansas City .....	62.7	63.3	63.3	220.2	227.8	227.9	125.4	131.5	131.5
St. Louis .....	74.1	73.7	73.9	356.0	375.4	373.4	154.0	157.7	155.9
Springfield .....	6.3	6.5	6.6	42.0	43.8	43.4	18.7	19.2	18.9
<b>Montana</b> .....	15.0	15.0	15.0	89.0	90.5	91.2	76.0	79.6	77.9
<b>Nebraska</b> .....	50.5	50.6	50.4	188.5	198.6	197.1	151.6	160.4	154.0
Lincoln .....	8.6	8.5	8.5	30.3	31.2	30.9	34.5	36.6	35.2
Omaha .....	29.7	29.5	29.5	104.2	108.7	108.4	51.2	51.6	51.2
<b>Nevada</b> .....	31.8	32.2	32.1	310.2	322.4	320.8	91.7	98.1	97.0
Las Vegas .....	23.4	23.6	23.5	225.4	234.7	234.2	56.8	60.0	60.2
Reno .....	7.2	7.4	7.4	60.1	62.3	61.6	20.6	22.2	21.8
<b>New Hampshire</b> .....	30.1	29.2	28.9	137.6	144.7	145.3	78.2	78.2	79.0
Manchester .....	7.4	6.6	6.6	27.1	27.9	27.4	10.6	10.5	10.9
Nashua .....	3.3	3.0	3.0	19.3	21.3	21.2	7.2	7.4	7.2
Portsmouth-Rochester .....	6.8	6.4	6.2	23.6	26.6	26.6	23.7	22.5	22.2
<b>New Jersey</b> .....	229.7	230.3	230.5	1,023.6	1,061.7	1,059.6	575.2	573.5	573.6
Atlantic-Cape May .....	5.5	5.4	5.4	77.6	79.2	77.9	28.5	28.6	28.1
Bergen-Passaic .....	36.0	38.1	38.6	167.4	171.7	171.8	71.6	71.8	71.1
Camden .....	22.8	21.4	21.1	123.9	127.0	126.9	77.7	77.4	78.2
Jersey City .....	20.0	20.9	20.8	51.8	55.6	55.2	40.1	39.8	40.3
Middlesex-Somerset-Hunterdon .....	43.2	42.6	42.5	142.6	150.7	150.3	79.4	80.3	79.9
Monmouth-Ocean .....	19.0	18.5	18.4	105.5	111.3	110.3	62.3	62.2	62.1
Newark .....	68.4	68.7	67.9	271.5	281.5	280.0	144.2	143.8	143.5
Trenton .....	10.4	10.3	10.6	66.9	68.5	68.5	54.4	53.3	53.5
Vineland-Milville-Bridgeton .....	3.4	3.4	3.4	11.2	11.6	11.3	12.9	12.9	13.1
<b>New Mexico</b> .....	27.8	29.4	29.5	168.2	179.0	180.5	161.4	168.8	167.3
Albuquerque .....	15.6	16.4	16.5	89.5	94.5	94.7	59.5	61.1	61.1
Las Cruces .....	1.9	1.9	1.9	9.7	10.2	10.3	18.5	18.8	18.9
Santa Fe .....	2.8	3.0	3.0	19.5	20.5	20.6	23.8	25.3	24.8
<b>New York</b> .....	730.3	731.7	733.4	2,459.9	2,515.1	2,518.6	1,436.9	1,432.5	1,426.0
Albany-Schenectady-Troy .....	27.2	27.0	27.1	130.0	129.9	129.3	113.0	113.3	113.0
Binghamton .....	4.1	4.0	4.0	28.0	28.2	28.2	22.3	22.5	22.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>New York—Continued</b>									
Buffalo—Niagara Falls .....	537.3	542.0	541.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.2	20.5	19.0
Dutchess County .....	104.5	104.1	103.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	4.2	4.0
Elmira .....	41.2	41.7	41.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.3	1.2
Glens Falls .....	47.6	48.4	48.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	2.1	1.9
Nassau—Suffolk .....	1,072.7	1,076.4	1,078.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	40.1	41.7	40.7
New York PMSA .....	3,820.6	3,827.6	3,837.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	105.3	112.3	109.3
New York City .....	3,327.4	3,333.2	3,343.0	0.3	0.3	0.3	85.2	91.0	88.9
Newburgh .....	114.6	117.2	116.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	4.0	3.8
Rochester .....	522.5	528.3	524.1	.9	.8	.8	16.1	17.1	16.0
Rockland County .....	98.5	98.4	98.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	3.3	3.2
Syracuse .....	336.0	337.3	336.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.3	14.4	13.4
Utica—Rome .....	126.9	127.7	127.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	3.8	3.3
Westchester County .....	376.3	377.3	377.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.6	16.5	15.8
<b>North Carolina</b>									
Asheville .....	3,325.7	3,401.2	3,408.0	3.4	3.4	3.4	158.5	167.4	167.6
Charlotte—Gastonia—Rock Hill .....	99.2	100.7	100.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	5.0	5.0
Greensboro—Winston-Salem—High Point .....	664.1	680.5	682.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	32.6	34.3	34.3
Raleigh—Durham—Chapel Hill .....	579.7	591.9	592.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.5	24.2	24.2
.....	530.6	539.3	539.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.3	24.0	23.8
<b>North Dakota</b>									
Bismarck .....	289.1	298.9	297.6	3.8	4.0	3.7	11.0	13.4	11.9
Fargo—Moorhead .....	44.2	45.1	45.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.6	2.4
Grand Forks .....	86.5	87.5	87.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	5.3	4.8
.....	47.1	49.3	49.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	2.6	2.3
<b>Ohio</b>									
Akron .....	4,974.1	5,039.1	5,042.0	14.2	14.1	13.9	182.1	194.6	185.2
Canton—Massillon .....	300.9	304.7	305.4	.4	.4	.4	10.7	11.1	10.7
Cincinnati .....	171.8	173.4	174.1	.7	.7	.7	7.8	7.9	7.8
Cleveland—Lorain—Elyria .....	779.8	789.2	792.5	.6	.7	.7	34.1	35.1	34.0
Columbus .....	1,061.0	1,073.6	1,075.3	.8	1.1	1.1	37.2	40.5	38.5
Dayton—Springfield .....	735.1	741.2	742.2	.7	.7	.6	27.0	27.7	26.7
Toledo .....	449.3	456.6	456.4	.6	.6	.6	14.9	15.3	14.7
Youngstown—Warren .....	295.2	301.0	301.8	.2	.2	.2	9.8	10.7	10.1
.....	234.4	240.0	240.2	.7	.6	.6	8.4	9.1	8.6
<b>Oklahoma</b>									
Enid .....	1,246.9	1,286.0	1,289.5	34.8	34.5	34.3	41.8	49.1	48.9
Lawton .....	23.2	22.8	22.8	1.0	1.0	1.0	.7	.8	.8
Oklahoma City .....	37.3	37.5	37.9	.1	.1	.1	1.4	1.7	1.6
Tulsa .....	449.4	457.0	456.8	8.0	8.6	8.5	15.2	16.2	16.1
.....	332.7	340.6	342.3	9.3	9.1	8.9	11.5	12.8	12.9
<b>Oregon</b>									
Eugene—Springfield .....	1,333.8	1,394.7	1,385.1	1.6	1.5	1.5	54.6	65.2	63.6
Medford—Ashland .....	122.5	127.7	127.2	.2	.2	.2	4.7	6.1	5.8
Portland—Vancouver .....	60.6	63.3	62.9	.1	.1	.1	2.4	2.5	2.4
Salem .....	786.2	810.9	810.9	.8	.8	.8	35.0	39.3	38.4
.....	116.1	120.3	119.4	.2	.2	.2	4.7	5.0	4.9
<b>Pennsylvania</b>									
Allentown—Bethlehem—Easton .....	5,185.8	5,259.3	5,253.7	21.3	20.0	19.6	196.4	212.1	203.5
Altoona .....	254.6	259.6	259.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.7	10.1	9.8
Erie .....	56.9	58.5	58.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.5	2.5
Harrisburg—Lebanon—Carlisle .....	125.3	128.2	127.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	4.8	4.4
Johnstown .....	321.5	324.9	324.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.3	13.1	12.6
Lancaster .....	84.3	85.8	85.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	4.8	4.5
Philadelphia PMSA .....	197.0	200.6	200.2	.4	.4	.4	10.9	11.3	11.1
Philadelphia City .....	2,157.0	2,176.6	2,184.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	80.2	86.4	84.0
Pittsburgh .....	695.5	694.7	695.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.1	11.3	10.4
Reading .....	1,046.4	1,059.3	1,053.9	4.2	3.4	3.3	47.4	49.1	47.4
Scranton—Wilkes-Barre—Hazleton .....	156.9	158.5	158.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.1	6.5	6.2
Sharon .....	268.2	272.0	271.3	.7	.6	.6	9.2	9.8	9.3
State College .....	42.7	44.6	44.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.3	1.1
Williamsport .....	62.6	65.6	65.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	2.8	2.7
York .....	50.9	52.0	51.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	2.2	2.0
.....	156.4	159.2	160.0	.5	.5	.4	7.4	8.2	8.1
<b>Rhode Island</b>									
Providence—Fall River—Warwick .....	436.7	441.2	438.7	.2	.2	.2	11.2	12.4	12.1
.....	487.4	493.3	488.5	.2	.2	.2	12.3	12.6	11.8

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	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>New York—Continued</b>									
Buffalo-Niagara Falls .....	89.6	89.9	89.9	26.2	25.4	25.3	136.4	135.3	136.9
Dutchess County .....	16.5	14.7	14.6	3.7	3.8	3.8	22.1	21.9	22.5
Elmira .....	8.4	8.6	8.6	1.5	1.5	1.5	10.6	10.7	10.9
Glens Falls .....	9.9	9.2	9.2	1.3	1.3	1.3	11.1	11.6	12.2
Nassau-Suffolk .....	120.3	116.8	115.5	50.4	48.4	48.8	280.3	281.9	285.6
New York PMSA .....	345.5	346.3	340.3	232.4	226.2	228.2	662.9	660.3	671.4
New York City .....	286.5	287.7	281.9	205.3	200.3	202.1	552.2	550.3	559.1
Newburgh .....	12.8	13.4	13.1	6.4	6.4	6.4	30.3	30.8	31.3
Rochester .....	127.8	124.6	122.9	16.9	15.9	16.0	114.4	113.8	114.9
Rockland County .....	13.0	12.4	12.3	5.7	5.6	5.6	21.8	22.0	22.6
Syracuse .....	49.7	48.3	48.3	20.3	18.7	18.6	79.6	81.9	83.1
Utica-Rome .....	21.4	20.6	20.7	4.2	4.1	4.1	25.9	26.9	27.1
Westchester County .....	43.9	44.1	44.0	20.6	19.6	19.8	85.0	83.9	85.7
<b>North Carolina</b> .....	850.9	858.7	860.0	158.1	156.3	156.9	757.5	763.4	771.8
Asheville .....	21.5	21.1	21.1	4.8	5.0	5.0	23.2	23.7	23.7
Charlotte-Gastonia-Rock Hill .....	147.6	149.7	149.6	52.9	52.9	53.2	159.4	160.7	161.9
Greensboro--Winston-Salem--High Point .....	168.1	170.4	170.8	30.4	30.4	30.4	131.0	131.1	131.8
Raleigh-Durham-Chapel Hill .....	78.7	80.3	80.4	24.0	23.5	23.6	108.6	108.8	110.2
<b>North Dakota</b> .....	19.7	21.8	21.7	18.4	18.8	18.9	76.3	76.9	77.2
Bismarck .....	2.2	2.5	2.4	3.2	3.2	3.2	11.6	11.6	11.6
Fargo-Moorhead .....	6.2	7.0	6.8	4.7	4.5	4.6	25.3	24.6	24.6
Grand Forks .....	3.2	3.4	3.3	2.4	2.6	2.6	12.6	12.7	12.8
<b>Ohio</b> .....	1,053.2	1,072.7	1,077.5	214.8	214.3	214.4	1,207.6	1,202.6	1,216.1
Akron .....	63.1	62.3	62.7	14.4	13.7	13.8	72.3	73.5	74.1
Canton-Massillon .....	44.4	46.3	46.7	6.1	5.9	5.9	42.9	43.1	43.5
Cincinnati .....	143.3	144.5	145.0	40.2	41.0	41.1	201.8	201.6	204.7
Cleveland-Lorain-Elyria .....	218.5	220.7	221.3	43.0	43.2	43.7	251.1	247.4	251.2
Columbus .....	92.5	93.0	93.0	31.2	31.8	31.9	193.2	191.5	193.6
Dayton-Springfield .....	94.5	96.0	96.7	17.8	17.9	17.9	105.0	106.3	107.4
Toledo .....	56.1	58.1	58.8	13.1	13.2	13.6	74.8	74.4	75.8
Youngstown-Warren .....	54.8	57.3	57.5	8.8	8.7	8.8	62.2	62.4	63.2
<b>Oklahoma</b> .....	170.2	170.9	171.4	70.7	71.8	72.1	291.7	306.2	308.2
Enid .....	1.6	1.6	1.6	2.0	2.0	2.0	6.7	6.6	6.6
Lawton .....	3.8	3.6	3.6	1.8	1.8	1.8	8.8	8.5	8.6
Oklahoma City .....	49.1	50.3	50.7	21.4	21.3	21.5	106.9	109.6	110.1
Tulsa .....	54.9	54.6	54.8	26.4	26.7	27.0	77.9	77.4	77.6
<b>Oregon</b> .....	210.1	218.4	217.4	66.9	67.8	69.2	339.0	348.7	347.9
Eugene-Springfield .....	18.4	19.3	19.2	4.6	4.9	4.9	30.8	31.0	31.2
Medford-Ashland .....	8.6	9.1	9.0	3.1	3.1	3.2	19.3	20.6	20.5
Portland-Vancouver .....	123.6	127.7	128.5	44.2	43.6	45.1	198.2	203.8	204.2
Salem .....	14.4	15.8	15.1	3.4	3.6	3.6	26.5	27.1	27.3
<b>Pennsylvania</b> .....	936.9	941.8	941.1	273.3	273.3	272.5	1,184.1	1,192.3	1,202.5
Allentown-Bethlehem-Easton .....	61.8	61.9	62.0	12.7	12.3	12.3	54.1	54.6	55.3
Altoona .....	9.9	10.3	10.1	5.0	5.1	5.1	15.4	15.9	15.8
Erie .....	34.6	34.9	34.8	4.2	4.5	4.4	28.2	27.9	28.0
Harrisburg-Lebanon-Carlisle .....	47.5	47.5	47.2	20.8	20.9	20.7	69.8	69.8	70.3
Johnstown .....	12.2	12.0	13.2	4.9	5.0	5.0	20.7	20.7	20.6
Lancaster .....	55.1	55.6	55.6	6.9	6.7	6.6	49.3	49.9	50.1
Philadelphia PMSA .....	312.1	308.1	308.5	103.1	103.0	103.6	480.7	484.0	490.6
Philadelphia City .....	65.6	64.5	64.2	38.2	38.0	38.3	119.0	119.8	120.4
Pittsburgh .....	130.4	131.2	130.9	64.6	63.3	63.1	258.1	263.7	265.7
Reading .....	44.1	44.3	44.1	6.7	6.6	6.6	36.6	36.9	37.4
Scranton--Wilkes-Barre--Hazleton .....	59.6	60.3	60.0	15.8	15.6	15.6	65.8	66.1	66.5
Sharon .....	9.6	10.4	10.5	1.7	1.8	1.8	10.7	11.2	11.1
State College .....	8.3	8.8	8.9	1.9	1.8	1.8	12.2	12.4	12.2
Williamsport .....	13.3	13.8	13.8	1.8	1.8	1.8	12.2	12.2	12.2
York .....	46.7	47.2	47.8	8.8	8.9	8.9	38.3	38.2	38.2
<b>Rhode Island</b> .....	87.4	87.4	86.3	14.7	14.1	14.2	96.8	96.6	97.3
Providence-Fall River-Warwick .....	110.5	112.2	109.4	17.3	16.6	16.7	109.3	109.8	110.5

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>New York—Continued</b>									
Buffalo-Niagara Falls .....	28.4	28.5	28.6	150.1	153.0	152.7	88.5	89.3	88.7
Dutchess County .....	4.4	4.4	4.4	31.4	32.6	32.4	22.4	22.4	22.2
Elmira .....	1.4	1.4	1.5	10.7	10.9	10.9	7.2	7.2	7.3
Glens Falls .....	1.7	1.7	1.7	12.0	12.3	12.2	9.8	10.3	10.2
Nassau-Suffolk .....	79.8	79.0	79.4	323.8	330.1	329.6	178.0	178.5	178.6
New York PMSA .....	506.7	511.9	513.7	1,308.2	1,324.6	1,331.6	659.6	646.2	643.3
New York City .....	473.2	479.8	481.5	1,147.5	1,161.6	1,168.9	577.3	562.1	560.2
Newburgh .....	6.1	5.8	5.7	28.9	30.0	29.6	26.5	26.8	26.6
Rochester .....	23.9	24.1	23.9	143.9	150.7	149.4	78.6	81.4	80.3
Rockland County .....	5.3	5.1	5.2	29.0	29.3	29.3	20.6	20.7	20.7
Syracuse .....	19.6	19.6	19.7	93.2	93.7	93.0	59.3	60.6	60.2
Utica-Rome .....	8.0	8.2	8.2	32.8	33.3	33.1	31.9	30.8	30.8
Westchester County .....	27.2	25.9	25.9	126.3	128.1	127.9	57.7	59.1	58.2
<b>North Carolina</b>									
Asheville .....	141.3	146.1	146.4	705.7	736.1	735.2	550.3	569.8	566.7
Charlotte-Gastonia-Rock Hill .....	3.1	3.2	3.2	26.5	27.4	27.4	15.2	15.3	15.3
Greensboro--Winston-Salem--High Point .....	41.7	43.3	43.4	151.0	155.5	155.8	78.9	84.1	84.4
Raleigh-Durham-Chapel Hill .....	28.3	28.3	28.4	132.0	137.2	136.9	65.4	70.3	70.4
.....	24.7	25.4	25.4	155.7	158.8	158.8	115.6	118.5	117.4
<b>North Dakota</b>									
Bismarck .....	13.8	13.8	14.0	77.8	81.4	81.5	68.3	68.8	68.7
Fargo-Moorhead .....	1.9	2.0	2.0	13.6	13.5	13.7	9.5	9.7	9.8
Grand Forks .....	5.3	5.4	5.6	24.8	24.8	24.8	15.8	15.8	15.9
.....	1.6	1.6	1.6	12.5	12.9	12.9	13.1	13.5	13.5
<b>Ohio</b>									
Akron .....	260.0	259.7	259.7	1,285.7	1,315.2	1,310.9	756.5	765.9	764.3
Canton-Massillon .....	12.2	12.4	12.6	79.9	82.7	82.7	47.9	48.6	48.4
Cincinnati .....	6.7	6.5	6.4	42.9	43.2	43.3	20.3	19.8	19.8
Cleveland-Lorain-Elyria .....	46.5	46.6	46.7	208.4	213.5	213.6	104.9	106.2	106.7
Columbus .....	66.0	67.1	66.8	302.8	309.8	308.9	141.6	143.8	143.8
Dayton-Springfield .....	59.4	58.2	58.1	194.3	201.1	200.3	136.8	137.2	138.0
Toledo .....	17.2	17.3	17.2	124.5	126.8	126.5	74.8	76.4	75.4
Youngstown-Warren .....	11.5	11.5	11.4	82.1	83.7	83.3	47.6	49.2	48.6
.....	10.1	9.9	9.9	58.8	60.0	59.7	30.6	32.0	31.9
<b>Oklahoma</b>									
Enid .....	81.0	62.7	62.9	302.7	318.6	318.1	274.0	272.2	273.6
Lawton .....	1.0	1.1	1.1	6.2	5.7	5.7	4.0	4.0	4.0
Oklahoma City .....	1.6	1.7	1.8	7.6	8.0	8.1	12.2	12.1	12.3
Tulsa .....	25.9	25.8	25.7	121.1	121.2	120.1	101.8	104.0	104.1
.....	17.9	17.9	18.0	93.3	99.8	100.4	41.5	42.3	42.7
<b>Oregon</b>									
Eugene-Springfield .....	94.0	96.6	97.0	331.6	346.3	345.7	236.0	250.2	242.8
Medford-Ashland .....	7.1	7.5	7.6	31.1	32.7	32.5	25.6	26.0	25.8
Portland-Vancouver .....	2.9	2.8	2.8	14.2	14.7	14.7	10.0	10.4	10.2
Salem .....	64.3	64.9	65.4	211.5	217.4	217.7	108.6	113.4	110.8
.....	6.8	6.8	6.8	26.9	28.1	27.9	33.2	33.7	33.6
<b>Pennsylvania</b>									
Allentown-Bethlehem-Easton .....	303.4	304.9	305.6	1,543.0	1,578.2	1,573.4	727.4	736.7	735.5
Altoona .....	14.0	14.6	14.7	74.6	77.3	76.6	27.7	28.8	28.8
Erie .....	1.9	2.0	1.9	14.1	14.1	14.1	8.2	8.6	8.6
Harrisburg-Lebanon-Carlisle .....	5.8	5.7	5.7	33.5	35.0	34.7	15.1	15.4	15.5
Johnstown .....	22.8	23.4	23.4	78.5	79.5	79.2	69.8	70.7	70.9
Lancaster .....	4.2	4.2	4.2	23.8	24.3	24.4	13.4	13.8	13.7
Philadelphia PMSA .....	9.0	8.9	9.0	46.9	49.2	48.9	18.5	18.6	18.5
Philadelphia City .....	156.1	149.1	149.6	718.2	740.4	740.2	306.6	305.6	307.8
Pittsburgh .....	57.4	56.1	56.0	271.1	274.5	274.6	133.1	130.5	131.5
Reading .....	59.6	62.2	62.0	354.3	361.3	357.1	127.8	125.1	124.4
Scranton--Wilkes-Barre--Hazleton .....	9.2	9.2	9.3	35.1	35.5	35.5	19.1	19.5	19.3
Sharon .....	11.8	12.5	12.5	69.8	71.4	71.3	35.5	35.7	35.5
State College .....	1.5	1.5	1.5	12.6	12.6	12.5	5.5	5.8	5.8
Williamsport .....	2.1	2.2	2.2	11.5	11.8	11.8	24.1	25.8	25.5
York .....	2.2	2.2	2.2	13.1	13.3	13.0	6.4	6.5	6.4
.....	5.0	5.1	5.1	34.6	36.0	36.4	15.1	15.1	15.1
<b>Rhode Island</b>									
Providence-Fall River-Warwick .....	25.3	24.8	24.8	137.4	142.2	141.6	63.7	63.5	62.2
.....	27.0	26.5	26.6	145.1	149.2	148.2	65.7	66.2	65.1

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	Total			Mining			Construction		
	Dec. 1993	Nov. 1994	Dec. 1994P	Dec. 1993	Nov. 1994	Dec. 1994P	Dec. 1993	Nov. 1994	Dec. 1994P
<b>South Carolina</b> .....	1,593.0	1,617.5	1,608.9	1.8	1.7	1.7	82.2	82.6	82.2
Charleston-North Charleston .....	206.6	207.6	206.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	11.8	12.5	12.4
Columbia .....	250.4	253.7	254.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.4	12.1	12.2
Greenville-Spartanburg-Anderson .....	424.6	433.1	431.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	25.7	27.1	26.8
<b>South Dakota</b> .....	320.9	337.3	335.0	2.4	2.3	2.2	12.2	14.1	12.9
Rapid City .....	42.4	45.2	44.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	3.1	2.7
Sioux Falls .....	88.7	92.2	92.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	4.7	4.2
<b>Tennessee</b> .....	2,379.6	2,454.1	2,436.8	4.7	4.8	4.8	97.3	102.5	101.2
Chattanooga .....	211.2	217.8	216.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.5	8.1	7.9
Johnson City-Kingsport-Bristol .....	186.2	184.3	183.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.2	8.7	8.5
Knoxville .....	298.5	303.7	299.6	.5	.5	.5	14.8	16.2	16.0
Memphis .....	492.2	505.0	500.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.9	19.2	19.0
Nashville .....	553.5	572.5	570.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	23.7	25.1	25.1
<b>Texas</b> .....	7,639.1	7,851.2	7,885.6	167.0	159.9	159.3	356.0	386.6	387.4
Abilene .....	50.6	51.0	51.2	1.3	1.3	1.3	2.0	2.0	2.0
Amarillo .....	84.2	88.2	88.5	.8	.7	.7	3.5	4.2	4.2
Austin-San Marcos .....	464.0	482.7	483.4	1.0	.9	.9	19.0	21.7	21.9
Beaumont-Port Arthur .....	152.0	152.5	153.3	1.0	1.0	1.0	13.2	13.4	13.5
Brazoria .....	72.6	72.8	72.5	1.0	1.1	1.2	10.7	9.8	9.6
Brownsville-Harlingen-San Benito .....	88.5	89.9	90.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.8	2.8
Bryan-College Station .....	63.2	65.2	64.2	.7	.7	.7	2.3	2.2	2.2
Corpus Christi .....	140.6	143.8	143.8	2.7	2.7	2.8	12.5	12.9	13.3
Dallas .....	1,494.8	1,560.8	1,567.5	16.8	16.8	16.8	55.2	63.1	62.9
El Paso .....	227.9	230.4	232.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.6	9.1	9.4
Ft. Worth-Arlington .....	618.2	640.3	643.4	4.5	4.5	4.5	25.5	27.2	27.1
Galveston-Texas City .....	84.1	84.2	84.3	.7	.7	.7	4.8	4.7	4.6
Houston .....	1,674.1	1,701.8	1,713.4	65.5	65.0	64.7	105.0	113.1	112.9
Killeen-Temple .....	84.4	89.2	89.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	4.6	4.5
Laredo .....	53.7	56.2	56.5	2.3	2.4	2.4	1.9	2.0	2.0
Longview-Marshall .....	79.7	81.4	81.7	3.4	3.5	3.5	3.3	3.6	3.6
Lubbock .....	103.9	107.3	106.9	.2	.2	.1	3.6	4.0	4.0
McAllen-Edinburg-Mission .....	119.5	120.3	120.6	.9	1.0	1.0	5.0	5.1	5.1
Odessa-Midland .....	92.4	93.4	94.4	13.2	12.5	12.5	4.1	4.7	4.8
San Angelo .....	39.4	41.0	41.1	.5	.6	.6	1.4	1.5	1.5
San Antonio .....	582.1	595.7	597.2	1.8	1.9	1.9	25.6	27.3	27.4
Sherman-Denison .....	37.5	37.9	38.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.5	1.5
Texarkana .....	48.3	48.2	48.4	.1	.1	.1	2.3	2.5	2.5
Tyler .....	66.9	68.7	68.2	1.3	1.4	1.4	2.3	2.3	2.3
Victoria .....	33.5	33.1	33.0	1.4	1.3	1.3	2.2	2.1	2.0
Waco .....	87.5	91.6	91.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	4.4	4.3
Wichita Falls .....	53.9	54.5	54.9	1.4	1.4	1.4	1.8	1.9	1.9
<b>Utah</b> .....	843.8	889.2	893.5	8.4	8.4	8.4	41.5	52.2	50.0
Provo-Orem .....	114.1	121.0	121.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.5	7.1	6.9
Salt Lake City-Ogden .....	567.7	600.7	604.4	3.2	3.2	3.1	28.0	34.9	33.7
<b>Vermont</b> .....	260.6	265.1	267.2	.6	.7	.7	11.2	12.5	11.6
Barre-Montpelier .....	29.6	28.9	28.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.3	1.3
Burlington .....	89.3	92.7	92.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	4.8	4.5
<b>Virginia</b> .....	2,985.1	3,073.9	3,075.9	12.5	11.5	11.4	156.2	165.9	164.6
Bristol .....	34.7	35.5	36.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.1	1.1
Charlottesville .....	73.3	75.2	75.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.9	4.1	4.1
Danville .....	44.7	45.5	45.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	2.2	2.2
Lynchburg .....	95.8	97.9	97.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.4	5.4
Norfolk-Virginia Beach-Newport News .....	612.1	630.4	632.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	32.1	33.6	33.8
Northern Virginia .....	889.9	918.7	922.4	.5	.6	.6	48.1	52.4	51.8
Richmond-Petersburg .....	486.2	495.2	496.8	.7	.6	.6	27.9	28.3	27.9
Roanoke .....	133.1	137.7	138.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.1	7.5	7.5
<b>Washington</b> .....	2,279.6	2,339.5	2,328.8	3.3	3.5	3.4	118.3	127.1	122.5
Seattle-Bellevue-Everett .....	1,158.0	1,189.2	1,182.3	.6	.6	.6	58.7	61.8	60.1
<b>West Virginia</b> .....	670.2	699.0	689.4	28.5	29.1	28.8	32.6	37.8	35.8
Charleston .....	121.0	124.1	123.3	1.7	1.8	1.8	6.6	7.2	6.8
Huntington-Ashland .....	110.8	112.3	111.7	1.7	1.7	1.7	4.3	5.5	5.0
Parkersburg-Marietta .....	64.5	66.4	66.0	.4	.4	.4	3.3	3.6	3.5
Wheeling .....	60.7	63.6	63.1	1.7	2.1	2.1	2.2	3.0	2.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>p</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>p</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>p</sup>
<b>South Carolina</b> .....	374.4	373.1	373.0	66.9	67.3	67.5	358.3	361.3	363.3
Charleston-North Charleston .....	20.6	20.1	20.1	10.2	10.2	10.3	50.6	51.1	51.6
Columbia .....	26.5	26.7	26.8	11.4	11.5	11.8	55.9	56.4	57.0
Greenville-Spartanburg-Anderson .....	125.5	124.0	123.8	17.2	17.5	17.5	98.4	100.4	101.0
<b>South Dakota</b> .....	41.0	45.4	45.7	14.9	15.8	15.5	82.4	85.4	85.7
Rapid City .....	4.4	4.8	4.8	1.9	2.1	2.1	12.9	13.5	13.5
Sioux Falls .....	11.1	11.8	11.9	5.6	5.9	6.0	24.3	25.3	25.8
<b>Tennessee</b> .....	535.4	541.4	542.7	129.3	131.7	131.4	555.0	573.0	577.2
Chattanooga .....	45.3	45.7	45.8	7.4	7.3	7.3	52.7	54.9	54.8
Johnson City-Kingsport-Bristol .....	53.2	52.4	52.6	8.0	8.2	8.1	42.4	41.6	41.9
Knoxville .....	50.6	51.1	51.0	11.0	11.1	11.1	73.8	73.9	73.9
Memphis .....	65.2	66.0	65.7	49.3	50.5	50.4	128.5	130.6	131.3
Nashville .....	95.2	97.5	97.7	32.5	32.9	33.0	133.2	137.5	138.3
<b>Texas</b> .....	997.2	1,007.0	1,008.4	444.7	460.1	464.5	1,879.0	1,908.4	1,935.0
Abilene .....	4.0	3.8	3.8	2.6	2.7	2.7	13.2	13.2	13.4
Amarillo .....	9.6	9.7	9.6	5.4	5.8	5.7	23.9	24.1	24.7
Austin-San Marcos .....	60.0	62.9	63.1	15.0	15.0	15.1	97.6	101.5	102.6
Beaumont-Port Arthur .....	25.2	25.0	25.1	9.6	9.1	9.2	34.4	34.6	35.0
Brazoria .....	17.3	16.9	16.7	2.6	2.6	2.6	14.0	14.2	14.4
Brownsville-Harlingen-San Benito .....	13.2	13.4	13.2	3.8	3.8	3.8	23.6	24.1	24.4
Bryan-College Station .....	3.8	3.9	3.8	1.4	1.4	1.3	13.2	13.4	13.1
Corpus Christi .....	13.7	13.7	13.6	6.7	6.6	6.5	32.2	33.1	33.7
Dallas .....	220.5	223.7	223.6	88.0	97.8	99.8	379.2	396.0	401.1
El Paso .....	46.0	46.6	46.5	11.6	11.6	11.8	56.3	56.0	57.0
Ft. Worth-Arlington .....	102.1	100.6	100.6	57.1	58.5	58.6	158.2	166.0	169.0
Galveston-Texas City .....	8.5	8.0	8.0	5.1	5.0	4.9	17.8	17.8	17.9
Houston .....	178.9	180.0	181.4	113.9	116.5	116.9	402.0	401.3	408.3
Killeen-Temple .....	9.4	9.6	9.8	2.6	2.7	2.8	19.2	20.6	20.8
Laredo .....	1.8	1.8	1.8	8.4	9.0	9.0	16.5	17.1	17.4
Longview-Marshall .....	16.8	17.2	17.4	3.8	3.7	3.7	20.2	20.2	20.3
Lubbock .....	7.3	7.8	7.8	5.5	5.6	5.6	29.1	29.9	30.2
McAllen-Edinburg-Mission .....	13.8	13.8	13.6	3.8	4.0	4.0	35.9	35.8	36.2
Odessa-Midland .....	6.5	6.4	6.4	4.5	4.3	4.4	24.5	24.4	25.1
San Angelo .....	4.7	4.9	4.9	2.8	2.7	2.7	9.7	10.1	10.1
San Antonio .....	47.3	47.8	47.8	26.9	27.5	27.7	146.1	148.7	150.1
Sherman-Denison .....	9.7	9.9	10.0	1.3	1.5	1.6	8.0	8.0	8.1
Texarkana .....	5.8	5.5	5.6	2.1	2.0	2.1	11.8	12.1	12.3
Tyler .....	11.4	11.7	11.0	3.0	3.1	3.1	17.2	17.9	18.0
Victoria .....	3.2	3.2	3.2	1.4	1.4	1.4	9.0	8.3	8.3
Waco .....	16.0	16.6	16.7	3.5	3.6	3.6	20.2	20.8	21.3
Wichita Falls .....	7.9	7.9	8.1	2.5	2.6	2.6	12.8	12.8	13.0
<b>Utah</b> .....	113.9	119.2	119.6	49.6	50.7	51.0	204.5	212.4	216.3
Provo-Orem .....	14.9	16.3	16.4	2.0	2.2	2.2	25.6	27.2	27.8
Salt Lake City-Ogden .....	72.0	75.0	75.4	38.8	40.1	40.2	140.4	148.7	151.9
<b>Vermont</b> .....	43.8	43.8	43.7	10.9	11.0	11.0	61.8	61.5	62.5
Barre-Montpelier .....	3.5	3.7	3.6	.8	.8	.8	6.2	5.8	5.9
Burlington .....	15.9	16.6	16.6	3.6	3.6	3.5	21.0	20.5	20.9
<b>Virginia</b> .....	403.1	406.3	404.6	153.7	154.9	155.9	675.7	701.2	709.1
Bristol .....	9.9	10.5	11.1	1.4	1.3	1.4	9.4	10.0	10.1
Charlottesville .....	7.8	8.0	8.0	2.4	2.4	2.4	14.9	15.8	15.9
Danville .....	16.3	15.9	15.5	1.2	1.2	1.2	9.6	9.8	9.8
Lynchburg .....	26.7	26.6	26.7	3.4	3.5	3.5	20.5	20.8	21.0
Norfolk-Virginia Beach-Newport News .....	67.1	66.7	66.5	30.0	30.1	30.7	146.0	151.8	152.8
Northern Virginia .....	39.6	39.4	39.4	52.8	51.7	51.7	203.8	208.0	213.6
Richmond-Petersburg .....	61.7	60.4	60.5	24.7	25.4	25.6	113.3	116.0	119.0
Roanoke .....	18.2	19.3	19.3	8.7	8.8	8.9	35.3	36.8	37.1
<b>Washington</b> .....	333.2	337.1	333.0	116.0	118.8	119.5	561.9	570.1	575.9
Seattle-Bellevue-Everett .....	199.0	194.1	193.2	70.8	72.3	71.8	279.7	293.2	296.4
<b>West Virginia</b> .....	82.5	82.4	82.9	39.1	39.5	39.8	155.4	159.3	160.8
Charleston .....	10.0	9.9	10.0	9.1	9.3	9.3	31.1	31.8	32.1
Huntington-Ashland .....	17.7	16.7	16.8	6.6	6.4	6.6	29.2	30.0	30.2
Parkersburg-Marietta .....	12.8	12.9	13.1	2.7	2.4	2.4	16.4	17.0	17.0
Wheeling .....	6.2	5.9	6.0	3.5	3.8	4.0	15.4	15.8	16.0

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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>South Carolina</b> .....	65.8	66.0	65.9	338.7	349.4	348.0	304.9	316.1	307.3
Charleston-North Charleston .....	8.2	8.1	8.1	50.6	53.0	52.8	54.6	52.6	51.3
Columbia .....	18.2	18.2	18.2	55.7	57.2	57.2	70.3	71.6	70.8
Greenville-Spartanburg-Anderson .....	14.5	14.9	14.9	87.0	90.5	90.5	56.3	58.7	56.7
<b>South Dakota</b> .....	17.8	18.2	18.4	81.9	84.9	85.3	68.3	71.2	69.3
Rapid City .....	1.6	1.6	1.6	11.8	12.3	12.3	7.6	7.8	7.7
Sioux Falls .....	9.1	9.5	9.5	25.0	25.3	25.5	9.5	9.7	9.7
<b>Tennessee</b> .....	105.3	106.2	106.3	582.7	600.9	598.9	369.9	393.6	374.3
Chattanooga .....	13.8	14.2	14.3	51.4	53.2	52.9	33.1	34.4	33.1
Johnson City-Kingsport-Bristol .....	5.2	5.1	5.0	40.1	38.0	38.0	29.1	30.3	29.0
Knoxville .....	10.5	11.0	11.0	80.3	82.0	80.2	57.0	57.9	55.9
Memphis .....	25.6	25.4	25.4	129.4	131.6	131.4	76.3	81.7	77.5
Nashville .....	30.9	31.1	31.2	162.0	166.9	167.0	76.0	81.5	78.3
<b>Texas</b> .....	434.8	441.6	442.5	1,953.1	2,037.0	2,038.2	1,407.3	1,450.6	1,450.3
Abilene .....	1.8	1.9	1.9	16.0	16.3	16.3	9.7	9.8	9.8
Amarillo .....	4.1	4.1	4.2	19.7	21.1	21.1	17.2	18.5	18.3
Austin-San Marcos .....	26.3	27.1	27.1	122.0	125.5	125.1	123.1	128.1	127.6
Beaumont-Port Arthur .....	4.6	4.9	4.9	39.6	39.5	39.6	24.4	25.0	25.0
Brazoria .....	1.9	1.9	1.8	11.6	12.8	12.8	13.5	13.5	13.4
Brownsville-Harlingen-San Benito .....	3.6	3.5	3.5	20.8	21.4	21.4	20.8	20.9	20.9
Bryan-College Station .....	2.3	2.4	2.4	13.0	13.8	13.8	26.5	27.4	26.9
Corpus Christi .....	6.1	5.8	5.7	35.6	37.3	36.7	31.1	31.7	31.5
Dallas .....	125.7	131.9	132.0	420.2	438.1	437.0	189.2	193.4	194.3
El Paso .....	8.4	8.4	8.6	48.2	48.8	49.1	48.8	49.9	49.9
Ft. Worth-Arlington .....	28.3	29.6	29.8	156.1	166.4	166.0	86.4	87.5	87.8
Galveston-Texas City .....	5.7	5.4	5.4	16.8	16.9	17.1	24.7	25.7	25.7
Houston .....	97.8	98.8	99.3	478.5	487.3	487.3	232.5	239.8	242.6
Killeen-Temple .....	3.5	3.7	3.7	20.7	21.6	21.6	25.4	26.4	26.3
Laredo .....	2.0	2.1	2.1	8.9	9.1	9.1	11.9	12.7	12.7
Longview-Marshall .....	2.7	2.7	2.7	18.1	19.1	19.1	11.4	11.4	11.4
Lubbock .....	4.5	4.7	4.7	28.5	28.9	28.9	25.2	26.2	25.6
McAllen-Edinburg-Mission .....	4.0	4.3	4.3	22.2	22.6	23.0	33.9	33.7	33.4
Odessa-Midland .....	3.5	3.5	3.5	19.4	20.4	20.5	16.7	17.2	17.2
San Angelo .....	1.6	1.6	1.6	10.8	11.3	11.4	7.9	8.3	8.3
San Antonio .....	41.1	42.3	42.4	165.2	170.3	169.9	128.1	129.9	130.0
Sherman-Denison .....	2.1	2.0	2.0	9.7	9.5	9.6	5.1	5.5	5.2
Texarkana .....	1.9	1.9	1.8	12.5	12.7	12.6	11.8	11.4	11.4
Tyler .....	3.3	3.3	3.3	18.1	18.7	18.7	10.3	10.3	10.4
Victoria .....	1.6	1.6	1.6	8.2	8.5	8.6	6.5	6.7	6.6
Waco .....	5.2	5.3	5.3	23.9	25.3	25.2	15.1	15.6	15.4
Wichita Falls .....	2.2	2.1	2.1	14.2	14.3	14.3	11.1	11.5	11.5
<b>Utah</b> .....	44.0	47.1	48.0	220.7	233.3	235.6	161.2	165.9	164.6
Provo-Orem .....	3.2	3.4	3.4	46.2	47.8	47.9	16.7	17.0	17.0
Salt Lake City-Ogden .....	36.0	37.9	38.1	144.1	154.6	156.6	105.2	106.3	105.4
<b>Vermont</b> .....	12.3	12.0	12.0	75.0	76.2	79.0	45.0	47.4	46.7
Barre-Montpelier .....	2.6	2.5	2.5	7.9	7.5	7.4	7.1	7.3	7.4
Burlington .....	4.6	4.5	4.4	25.6	27.1	27.2	14.5	15.6	15.5
<b>Virginia</b> .....	160.2	165.4	167.4	812.4	855.1	852.1	611.3	613.6	610.8
Bristol .....	1.1	1.0	1.0	6.1	6.1	6.0	5.7	5.5	5.5
Charlottesville .....	4.1	4.0	4.1	16.8	17.6	17.2	23.4	23.3	23.3
Danville .....	1.4	1.5	1.5	8.1	8.6	8.6	6.1	6.3	6.2
Lynchburg .....	4.2	4.5	4.5	23.5	24.6	24.0	12.5	12.5	12.6
Norfolk-Virginia Beach-Newport News .....	27.0	28.8	28.7	165.2	176.1	176.2	144.7	143.3	144.1
Northern Virginia .....	54.5	56.1	56.2	314.6	331.0	331.5	176.0	179.5	177.6
Richmond-Petersburg .....	40.9	42.9	43.3	114.0	118.0	117.5	103.0	103.6	102.4
Roanoke .....	8.9	8.9	9.2	37.3	39.1	38.6	17.0	17.3	17.4
<b>Washington</b> .....	123.0	121.6	121.6	588.8	606.4	608.2	435.1	454.9	444.7
Seattle-Bellevue-Everett .....	76.4	74.4	74.6	304.7	312.3	312.2	168.1	180.5	173.4
<b>West Virginia</b> .....	25.1	25.4	25.4	169.6	175.9	176.4	137.4	149.6	139.5
Charleston .....	6.5	6.4	6.4	33.9	34.0	34.0	22.1	23.7	22.9
Huntington-Ashland .....	3.7	3.5	3.5	27.3	27.4	27.4	20.3	21.1	20.5
Parkersburg-Marietta .....	2.3	2.2	2.3	15.9	16.5	16.3	10.7	11.4	11.0
Wheeling .....	3.0	3.0	3.0	19.3	19.6	19.5	9.4	10.4	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	Total			Mining			Construction		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Wisconsin</b> .....	2,441.5	2,515.6	2,504.2	2.1	2.5	2.2	92.8	108.5	101.4
Appleton-Oshkosh-Neenah .....	176.6	182.3	180.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.7	10.2	9.3
Eau Claire .....	62.0	64.0	63.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	2.6	2.2
Green Bay .....	119.4	126.4	126.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.6	7.0	6.4
Janesville-Beloit .....	63.6	65.7	65.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	3.0	2.9
Kenosha .....	46.6	46.6	47.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.9	1.8
La Crosse .....	63.6	66.0	65.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.8	2.2	1.9
Madison .....	246.5	254.2	252.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	9.8	11.3	10.7
Milwaukee-Waukesha .....	783.1	795.8	799.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	28.6	32.0	30.5
Racine .....	77.3	79.5	78.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.9	3.4	3.3
Sheboygan .....	55.3	56.1	56.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.8	2.7
Wausau .....	57.1	58.5	58.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.4	2.3
<b>Wyoming</b> .....	210.9	214.2	212.4	18.4	18.2	18.2	11.7	13.2	12.1
Casper .....	28.9	29.4	29.3	2.2	2.3	2.2	1.3	1.5	1.4
<b>Puerto Rico</b> .....	883.3	879.3	892.6	1.0	1.0	1.0	46.1	43.0	43.2
Caguas .....	57.8	57.1	58.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	1.7	1.3
Mayaguez .....	65.4	64.4	65.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	3.0	3.0
Ponce .....	70.9	70.7	71.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.0	4.2
San Juan-Bayamon .....	550.5	545.5	552.5	.5	.5	.5	33.8	31.4	31.1
<b>Virgin Islands</b> .....	46.3	44.4	44.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.3	2.2

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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Wisconsin</b> .....	559.9	579.5	579.5	115.7	115.5	116.6	568.8	580.8	582.3
Appleton-Oshkosh-Neenah .....	56.2	58.0	58.0	6.8	7.0	7.0	38.4	39.1	38.6
Eau Claire .....	10.0	9.8	9.9	3.3	3.2	3.1	17.4	17.9	17.9
Green Bay .....	24.9	25.6	25.4	8.7	9.0	9.0	29.0	30.2	30.7
Janesville-Beloit .....	18.5	19.3	19.5	2.6	2.6	2.6	14.8	15.2	15.3
Kenosha .....	10.2	10.0	10.1	1.6	1.7	1.7	13.2	13.6	13.6
La Crosse .....	11.2	11.7	11.6	2.7	2.7	2.7	17.5	17.6	17.6
Madison .....	27.0	28.2	28.0	8.2	7.9	7.8	55.3	57.4	57.7
Milwaukee-Waukesha .....	167.8	172.9	174.1	38.2	37.9	39.1	174.9	175.5	177.4
Racine .....	23.8	24.6	24.2	2.5	2.5	2.5	16.8	16.9	17.0
Sheboygan .....	23.2	23.7	23.8	1.8	1.7	1.7	9.9	9.9	9.9
Wausau .....	15.3	15.4	15.5	3.7	3.9	3.8	13.9	14.5	14.6
<b>Wyoming</b> .....	9.7	10.2	10.1	14.7	14.5	14.4	48.1	49.0	49.0
Casper .....	1.6	1.6	1.6	1.6	1.5	1.6	8.4	8.5	8.5
<b>Puerto Rico</b> .....	148.6	152.4	153.0	21.6	21.1	21.1	180.2	172.7	181.6
Caguas .....	14.1	13.7	14.1	.5	.5	.5	13.2	13.5	14.4
Mayaguez .....	18.8	19.4	19.4	.5	.5	.5	11.5	10.3	11.0
Ponce .....	12.0	11.6	11.6	1.8	1.9	1.7	13.0	12.1	12.9
San Juan-Bayamon .....	66.3	68.9	68.5	16.6	14.1	14.1	119.5	114.5	120.1
<b>Virgin Islands</b> .....	2.8	2.9	2.9	2.8	2.6	2.6	11.1	10.5	10.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Wisconsin</b> .....	132.5	133.9	134.5	600.4	618.4	617.9	369.4	376.5	370.0
Appleton-Oshkosh-Neenah .....	8.8	9.1	9.1	37.1	38.3	38.6	19.6	20.5	20.2
Eau Claire .....	2.3	2.1	2.1	15.0	15.8	15.9	12.1	12.8	12.3
Green Bay .....	7.8	8.1	8.3	30.8	33.4	33.7	12.6	13.2	13.0
Janesville-Beloit .....	1.9	2.0	2.0	15.1	15.2	15.2	8.3	8.4	8.3
Kenosha .....	1.5	1.2	1.2	11.5	11.0	11.7	6.9	7.3	7.2
La Crosse .....	2.3	2.5	2.5	18.3	19.2	19.2	9.7	10.3	10.1
Madison .....	21.3	20.8	20.9	57.3	59.2	58.9	67.5	69.4	68.4
Milwaukee-Waukesha .....	53.4	54.4	54.7	230.7	235.0	236.1	89.6	88.2	87.6
Racine .....	2.4	2.4	2.4	19.6	20.3	20.4	9.2	9.4	9.1
Sheboygan .....	2.1	2.0	2.0	10.1	9.9	10.1	6.0	6.1	6.0
Wausau .....	4.4	4.5	4.5	10.7	10.6	10.7	7.0	7.1	7.1
<b>Wyoming</b> .....	7.8	7.7	7.7	41.1	41.3	41.7	59.4	60.1	59.2
Casper .....	1.1	1.1	1.1	7.2	7.2	7.3	5.5	5.7	5.6
<b>Puerto Rico</b> .....	39.5	39.9	39.8	157.5	157.4	159.7	288.8	291.8	293.2
Caguas .....	1.5	1.5	1.5	10.1	9.6	9.9	16.3	16.6	16.6
Mayaguez .....	1.5	1.5	1.5	9.9	9.9	10.2	20.2	19.8	20.0
Ponce .....	1.9	1.9	1.9	14.1	14.6	14.8	23.6	24.6	24.6
San Juan-Bayamon .....	31.2	31.6	31.7	106.1	106.8	107.6	176.5	177.7	178.9
<b>Virgin Islands</b> .....	2.1	1.9	1.9	11.3	10.6	10.7	13.6	13.6	13.6

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

<sup>2</sup> Not available.

<sup>P</sup> -- preliminary.

NOTE: Area definitions are published annually in the May issue of this publication. All State and area data have been adjusted to March 1993 benchmarks.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>
<b>Total private</b> .....		34.7	34.3	34.5	34.8	34.4	-	-	-	-	-
<b>Mining</b> .....		44.6	44.1	45.4	45.1	44.7	-	-	-	-	-
Metal mining .....	10	43.8	43.7	43.1	44.1	-	-	-	-	-	-
Iron ores .....	101	45.3	45.3	43.5	42.9	-	-	-	-	-	-
Copper ores .....	102	45.7	44.4	44.3	47.3	-	-	-	-	-	-
Coal mining .....	12	44.1	45.2	45.3	45.8	-	-	-	-	-	-
Bituminous coal and lignite mining .....	122	44.1	45.6	45.2	45.8	-	-	-	-	-	-
Oil and gas extraction .....	13	44.6	44.0	45.4	44.6	-	-	-	-	-	-
Crude petroleum and natural gas .....	131	42.7	44.4	41.3	41.8	-	-	-	-	-	-
Oil and gas field services .....	138	45.6	43.7	47.8	46.2	-	-	-	-	-	-
Nonmetallic minerals, except fuels .....	14	45.9	43.3	46.9	46.0	-	-	-	-	-	-
Crushed and broken stone .....	142	46.6	42.1	48.4	47.4	-	-	-	-	-	-
<b>Construction</b> .....		38.3	37.0	38.4	38.7	37.8	-	-	-	-	-
General building contractors .....	15	37.8	36.6	38.3	38.5	-	-	-	-	-	-
Residential building construction .....	152	36.8	35.8	37.3	37.4	-	-	-	-	-	-
Operative builders .....	153	38.8	38.7	37.9	39.7	-	-	-	-	-	-
Nonresidential building construction .....	154	38.7	37.3	39.2	39.5	-	-	-	-	-	-
Heavy construction, except building .....	16	40.9	39.8	41.8	41.3	-	-	-	-	-	-
Highway and street construction .....	161	40.1	38.0	42.2	40.0	-	-	-	-	-	-
Heavy construction, except highway .....	162	41.2	40.4	41.6	41.8	-	-	-	-	-	-
Special trade contractors .....	17	37.8	36.5	37.6	38.1	-	-	-	-	-	-
Plumbing, heating, and air conditioning .....	171	39.3	38.8	39.0	40.0	-	-	-	-	-	-
Painting and paper hanging .....	172	36.6	34.8	35.9	36.8	-	-	-	-	-	-
Electrical work .....	173	39.9	38.8	39.3	40.5	-	-	-	-	-	-
Masonry, stonework, and plastering .....	174	35.4	33.5	35.3	35.4	-	-	-	-	-	-
Carpentry and floor work .....	175	36.4	34.8	36.6	36.5	-	-	-	-	-	-
Roofing, siding, and sheet metal work .....	176	33.4	30.9	34.6	33.9	-	-	-	-	-	-
<b>Manufacturing</b> .....		42.4	41.5	42.5	42.9	41.9	4.8	4.2	5.0	5.1	4.6
<b>Durable goods</b> .....		43.4	42.4	43.3	43.8	42.9	5.2	4.5	5.4	5.6	5.0
Lumber and wood products .....	24	41.6	40.9	41.2	41.6	40.6	4.5	4.0	4.5	4.5	-
Logging .....	241	39.5	39.0	39.2	39.9	-	4.9	4.6	5.7	5.7	-
Sawmills and planing mills .....	242	42.9	42.7	42.4	42.8	-	5.2	5.1	5.1	5.2	-
Sawmills and planing mills, general .....	2421	43.3	43.1	42.9	43.3	-	5.6	5.4	5.5	5.5	-
Hardwood dimension and flooring mills .....	2426	41.8	41.4	40.3	41.2	-	4.1	4.0	3.5	4.0	-
Millwork, plywood, and structural members .....	243	41.7	40.7	41.5	41.7	-	4.3	3.5	4.5	4.3	-
Millwork .....	2431	40.9	39.6	41.2	40.9	-	3.6	2.8	3.7	3.1	-
Wood kitchen cabinets .....	2434	42.0	40.2	41.3	41.1	-	4.6	3.2	4.6	4.7	-
Hardwood veneer and plywood .....	2435	42.1	41.7	42.7	43.5	-	4.9	4.6	5.0	5.3	-
Softwood veneer and plywood .....	2436	43.4	45.1	43.2	45.4	-	5.1	5.5	6.1	6.3	-
Wood containers .....	244	39.3	38.9	39.5	40.1	-	3.4	3.0	3.4	3.7	-
Wood buildings and mobile homes .....	245	41.0	40.3	40.7	41.6	-	4.0	3.6	3.6	4.0	-
Mobile homes .....	2451	41.4	40.8	40.7	42.0	-	4.3	3.8	3.6	4.1	-
Miscellaneous wood products .....	249	42.0	40.9	40.9	41.0	-	3.8	3.2	3.7	3.6	-
Furniture and fixtures .....	25	41.4	39.9	41.0	41.6	40.6	3.8	3.1	3.6	4.1	-
Household furniture .....	251	40.8	39.4	40.0	41.0	-	3.4	2.9	2.9	3.6	-
Wood household furniture .....	2511	40.4	39.6	40.3	40.6	-	3.0	2.8	2.8	3.1	-
Upholstered household furniture .....	2512	41.2	38.7	39.3	41.3	-	3.6	2.7	2.4	3.7	-
Metal household furniture .....	2514	43.4	40.9	43.8	44.8	-	5.8	4.0	6.0	6.5	-
Mattresses and bedsprings .....	2515	39.3	39.4	38.6	39.3	-	2.9	3.5	2.7	3.4	-
Office furniture .....	252	43.9	41.0	43.1	42.6	-	4.6	3.4	4.7	4.9	-
Public building and related furniture .....	253	41.7	41.4	41.7	43.8	-	4.1	3.7	4.2	5.2	-
Partitions and fixtures .....	254	41.4	40.4	42.8	42.0	-	4.3	3.6	4.9	4.9	-
Miscellaneous furniture and fixtures .....	259	43.2	39.1	40.8	40.7	-	4.4	2.3	3.7	3.7	-

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				
		De- 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Total private .....</b>		\$10.97	\$11.06	\$11.26	\$11.27	\$11.37	\$380.66	\$379.36	\$388.47	\$392.20	\$391.13
<b>Mining .....</b>		14.67	15.06	14.97	15.10	15.24	654.28	664.15	679.64	681.01	681.23
Metal mining .....	10	15.47	15.90	16.56	16.52	-	677.59	694.83	713.74	728.53	-
Iron ores .....	101	16.75	18.05	18.67	18.71	-	758.78	817.67	812.15	802.66	-
Copper ores .....	102	14.21	14.12	14.64	14.64	-	649.40	626.93	648.55	692.47	-
Coal mining .....	12	17.38	17.86	18.09	18.35	-	766.46	807.27	819.48	840.43	-
Bituminous coal and lignite mining .....	122	17.59	18.06	18.32	18.60	-	775.72	823.54	828.06	851.88	-
Oil and gas extraction .....	13	14.06	14.39	14.04	14.10	-	627.08	633.16	637.42	628.86	-
Crude petroleum and natural gas .....	131	17.51	17.75	18.40	18.36	-	747.68	788.10	759.92	767.45	-
Oil and gas field services .....	138	12.18	12.36	11.78	11.80	-	555.41	540.13	563.08	545.16	-
Nonmetallic minerals, except fuels .....	14	12.87	12.84	13.22	13.22	-	590.73	555.97	620.02	608.12	-
Crushed and broken stone .....	142	12.16	11.96	12.63	12.41	-	566.66	503.52	611.29	588.23	-
<b>Construction .....</b>		14.46	14.41	14.85	14.80	14.66	553.82	533.17	570.24	572.76	554.15
General building contractors .....	15	13.77	13.75	14.17	14.15	-	520.51	503.25	542.71	544.78	-
Residential building construction .....	152	12.73	12.69	13.05	13.03	-	468.46	454.30	486.77	487.32	-
Operative builders .....	153	13.47	13.62	13.66	13.71	-	522.64	527.09	517.71	544.29	-
Nonresidential building construction .....	154	14.70	14.74	15.16	15.14	-	568.89	549.80	594.27	598.03	-
Heavy construction, except building .....	16	13.93	13.87	14.53	14.22	-	569.74	552.03	607.35	587.29	-
Highway and street construction .....	161	13.48	13.33	14.34	13.71	-	540.55	506.54	605.15	548.40	-
Heavy construction, except highway .....	162	14.10	14.03	14.61	14.41	-	580.92	566.81	607.78	602.34	-
Special trade contractors .....	17	14.86	14.79	15.18	15.18	-	561.71	539.84	570.77	578.36	-
Plumbing, heating, and air conditioning .....	171	15.19	15.21	15.36	15.49	-	596.97	590.15	599.04	619.60	-
Painting and paper hanging .....	172	13.80	13.57	13.77	13.80	-	505.08	472.24	494.34	507.84	-
Electrical work .....	173	15.97	15.81	16.44	16.38	-	637.20	613.43	646.09	663.39	-
Masonry, stonework, and plastering .....	174	14.85	14.71	15.24	15.18	-	525.69	492.79	537.97	537.37	-
Carpentry and floor work .....	175	14.53	14.41	14.89	14.73	-	528.89	501.47	544.97	537.65	-
Roofing, siding, and sheet metal work .....	176	13.13	12.73	13.10	13.17	-	438.54	393.36	453.26	446.46	-
<b>Manufacturing .....</b>		12.00	11.96	12.17	12.26	12.25	508.80	496.34	517.23	525.95	513.28
<b>Durable goods .....</b>		12.62	12.56	12.77	12.88	12.85	547.71	532.54	552.94	564.14	551.27
Lumber and wood products .....	24	9.72	9.74	9.92	9.96	9.94	404.35	398.37	408.70	414.34	403.56
Logging .....	241	11.20	11.28	11.41	11.38	-	442.40	439.92	447.27	454.06	-
Sawmills and planing mills .....	242	9.89	10.01	10.10	10.18	-	424.28	427.43	428.24	435.70	-
Sawmills and planing mills, general .....	2421	10.26	10.40	10.45	10.53	-	444.26	448.24	448.31	455.95	-
Hardwood dimension and flooring mills .....	2426	8.39	8.44	8.70	8.77	-	350.70	349.42	350.61	361.32	-
Millwork, plywood, and structural members .....	243	9.81	9.79	10.00	10.06	-	409.08	398.45	415.00	419.50	-
Millwork .....	2431	10.07	9.99	10.27	10.30	-	411.86	395.60	423.12	421.27	-
Wood kitchen cabinets .....	2434	9.23	9.11	9.36	9.50	-	387.66	366.22	386.57	390.45	-
Hardwood veneer and plywood .....	2435	8.49	8.57	8.69	8.69	-	357.43	357.37	371.06	378.02	-
Softwood veneer and plywood .....	2436	11.55	11.69	12.00	11.95	-	501.27	527.22	518.40	542.53	-
Wood containers .....	244	7.17	7.23	7.51	7.58	-	281.78	281.25	296.65	303.96	-
Wood buildings and mobile homes .....	245	9.60	9.51	9.95	9.90	-	393.60	383.25	404.97	411.84	-
Mobile homes .....	2451	9.69	9.57	10.07	9.97	-	401.17	390.46	409.85	418.74	-
Miscellaneous wood products .....	249	9.19	9.12	9.28	9.36	-	385.98	373.01	379.55	383.76	-
Furniture and fixtures .....	25	9.44	9.42	9.68	9.78	9.66	390.82	375.86	396.88	406.85	392.20
Household furniture .....	251	8.92	8.92	9.10	9.25	-	363.94	351.45	364.00	379.25	-
Wood household furniture .....	2511	8.32	8.39	8.57	8.66	-	336.13	332.24	345.37	351.60	-
Upholstered household furniture .....	2512	9.73	9.70	9.92	10.10	-	400.88	375.39	389.86	417.13	-
Metal household furniture .....	2514	8.68	8.64	8.81	9.00	-	376.71	353.38	385.88	403.20	-
Mattresses and bedspings .....	2515	9.38	9.44	9.51	9.63	-	368.63	371.94	367.09	378.46	-
Office furniture .....	252	10.18	10.21	10.50	10.61	-	446.90	418.61	452.55	451.99	-
Public building and related furniture .....	253	9.80	9.52	10.08	10.24	-	408.66	394.13	420.34	448.51	-
Partitions and fixtures .....	254	10.68	10.65	10.87	10.90	-	442.15	430.26	465.24	457.80	-
Miscellaneous furniture and fixtures .....	259	9.78	9.77	9.89	9.83	-	422.50	382.01	403.51	400.08	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>P</sup>	Jan. 1995 <sup>P</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>P</sup>	Jan. 1995 <sup>P</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	42.9	42.0	43.7	43.3	42.2	5.2	4.7	5.8	5.4	-
Flat glass .....	321	47.0	45.2	48.0	48.2	-	8.3	7.4	8.7	9.0	-
Glass and glassware, pressed or blown .....	322	42.4	42.4	44.2	44.0	-	4.3	4.4	4.8	4.4	-
Glass containers .....	3221	43.0	43.6	44.0	44.0	-	5.5	5.5	5.7	5.4	-
Pressed and blown glass, nec .....	3229	41.9	41.3	44.4	44.1	-	3.2	3.5	4.0	3.5	-
Products of purchased glass .....	323	43.2	43.4	44.1	45.2	-	4.4	4.3	4.7	5.4	-
Cement, hydraulic .....	324	43.5	43.4	43.7	43.3	-	4.2	4.9	4.1	4.5	-
Structural clay products .....	325	41.8	41.8	41.8	42.6	-	4.0	3.8	4.5	4.7	-
Pottery and related products .....	326	42.1	41.4	40.7	42.0	-	4.6	4.1	4.6	4.8	-
Concrete, gypsum, and plaster products .....	327	42.9	40.9	44.3	42.5	-	6.1	5.1	7.3	5.9	-
Concrete block and brick .....	3271	44.8	41.5	45.6	44.1	-	6.3	4.5	7.8	6.6	-
Concrete products, nec .....	3272	43.4	42.3	43.4	43.4	-	5.3	5.0	5.9	5.6	-
Ready-mixed concrete .....	3273	41.5	38.5	44.0	40.7	-	6.0	4.5	7.7	5.5	-
Misc. nonmetallic mineral products .....	329	43.6	42.9	43.2	43.4	-	5.1	4.6	5.1	5.4	-
Abrasive products .....	3291	43.3	43.0	43.7	43.2	-	3.9	3.8	4.7	4.1	-
Asbestos products .....	3292	43.6	43.8	41.3	40.8	-	5.6	5.1	2.8	3.1	-
Primary metal industries .....	33	44.7	44.2	45.2	45.7	44.7	6.2	6.1	7.1	7.2	-
Blast furnaces and basic steel products .....	331	44.6	43.7	45.5	46.2	45.2	5.6	5.8	7.2	7.1	-
Blast furnaces and steel mills .....	3312	44.8	43.8	45.9	46.6	-	5.6	6.0	7.6	7.4	-
Steel pipe and tubes .....	3317	45.1	43.7	44.9	45.6	-	6.4	5.5	6.3	6.9	-
Iron and steel foundries .....	332	46.3	45.6	45.8	46.2	-	7.4	7.0	8.1	8.3	-
Gray and ductile iron foundries .....	3321	47.1	45.9	46.4	46.6	-	8.2	7.7	9.3	9.4	-
Malleable iron foundries .....	3322	47.2	49.8	49.7	49.3	-	10.2	9.1	9.7	10.1	-
Steel foundries, nec .....	3325	44.4	44.2	44.6	45.5	-	5.6	5.8	6.0	6.6	-
Primary nonferrous metals .....	333	42.9	42.5	43.4	44.9	-	4.9	4.7	5.7	6.1	-
Primary aluminum .....	3334	42.3	41.9	42.9	43.6	-	4.5	4.1	5.3	5.4	-
Nonferrous rolling and drawing .....	335	45.0	45.4	45.6	45.9	-	7.0	6.9	7.5	7.7	-
Copper rolling and drawing .....	3351	43.6	44.4	46.2	46.1	-	7.2	7.5	8.6	8.5	-
Aluminum sheet, plate, and foil .....	3353	46.9	46.3	47.6	48.7	-	7.4	7.2	9.6	8.8	-
Nonferrous wire drawing and insulating .....	3357	45.0	45.5	44.5	45.0	-	6.9	6.5	6.2	7.0	-
Nonferrous foundries (castings) .....	336	43.1	42.2	43.3	43.8	-	5.1	4.6	5.3	5.7	-
Aluminum foundries .....	3365	42.2	42.2	42.4	42.6	-	4.5	4.4	5.2	5.1	-
Fabricated metal products .....	34	43.5	42.4	43.5	44.0	43.1	5.3	4.6	5.5	5.7	-
Metal cans and shipping containers .....	341	43.7	43.4	44.7	43.6	-	5.4	5.6	6.8	5.9	-
Metal cans .....	3411	43.4	43.3	45.0	43.7	-	5.3	5.5	6.8	5.7	-
Cutlery, handtools, and hardware .....	342	43.1	42.7	43.2	44.2	-	4.6	4.2	5.0	5.4	-
Hand and edge tools, and blades and handsaws .....	3423,5	42.0	42.0	43.0	44.1	-	3.9	3.8	4.9	5.2	-
Hardware, nec .....	3429	43.5	43.0	43.0	44.1	-	4.9	4.5	4.9	5.5	-
Plumbing and heating, except electric .....	343	43.0	42.1	42.3	43.5	-	5.2	4.2	4.5	5.0	-
Plumbing fixture fittings and trim .....	3432	42.5	43.0	41.8	41.9	-	4.9	4.8	4.0	4.1	-
Heating equipment, except electric .....	3433	43.7	41.0	43.6	45.3	-	5.4	3.2	5.6	6.4	-
Fabricated structural metal products .....	344	42.8	40.9	42.7	43.2	-	4.8	3.8	5.0	5.1	-
Fabricated structural metal .....	3441	44.2	42.1	42.9	44.0	-	5.8	4.7	5.3	5.7	-
Metal doors, sash, and trim .....	3442	40.6	38.6	41.9	41.8	-	3.3	2.5	4.3	3.6	-
Fabricated plate work (boiler shops) .....	3443	43.7	41.9	43.5	44.7	-	5.6	4.5	5.3	6.1	-
Sheet metal work .....	3444	41.7	40.6	41.8	41.8	-	4.4	3.5	4.5	4.4	-
Architectural metal work .....	3446	43.3	40.8	42.6	42.7	-	4.1	3.5	5.0	4.7	-
Screw machine products, bolts, etc .....	345	43.4	42.8	44.2	44.7	-	5.5	5.4	6.0	6.4	-
Screw machine products .....	3451	42.6	42.2	43.5	43.5	-	4.9	4.9	5.6	5.8	-
Bolts, nuts, rivets, and washers .....	3452	44.3	43.4	45.0	46.0	-	6.3	6.0	6.5	7.1	-
Metal forgings and stampings .....	346	45.7	44.6	45.8	46.0	-	6.8	6.0	7.4	7.5	-
Iron and steel forgings .....	3462	44.4	43.8	43.5	45.1	-	6.3	5.9	6.0	7.1	-
Automotive stampings .....	3465	47.3	45.9	48.3	48.2	-	7.8	6.7	9.0	9.1	-
Metal stampings, nec .....	3469	43.8	43.0	43.2	43.1	-	5.2	4.8	5.4	5.1	-
Metal services, nec .....	347	42.1	41.0	42.2	42.5	-	4.5	3.9	4.9	5.2	-
Plating and polishing .....	3471	41.9	40.4	42.1	42.5	-	4.3	3.5	4.7	5.1	-
Metal coating and allied services .....	3479	42.4	41.9	42.3	42.6	-	4.8	4.6	5.1	5.3	-
Ordnance and accessories, nec .....	348	42.5	41.5	42.7	43.2	-	4.2	3.8	4.6	4.8	-
Ammunition, except for small arms, nec .....	3483	41.1	40.6	42.0	42.8	-	3.4	3.0	3.4	3.7	-
Misc. fabricated metal products .....	349	43.8	43.0	43.3	43.9	-	5.4	4.8	5.1	5.4	-
Valves and pipe fittings, nec .....	3494	43.5	42.8	43.4	43.9	-	5.5	4.7	5.1	5.1	-
Misc. fabricated wire products .....	3496	43.0	42.2	41.8	42.9	-	4.7	3.8	4.2	4.4	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	\$11.95	\$11.96	\$12.20	\$12.21	\$12.22	\$512.66	\$502.32	\$533.14	\$528.69	\$515.68
Flat glass .....	321	17.97	17.92	18.39	18.41	-	844.59	809.98	882.72	887.36	-
Glass and glassware, pressed or blown .....	322	13.42	13.54	13.78	13.76	-	569.01	574.10	609.08	605.44	-
Glass containers .....	3221	13.83	13.88	14.18	14.29	-	594.69	605.17	623.92	628.76	-
Pressed and blown glass, nec .....	3229	13.04	13.21	13.46	13.33	-	546.38	545.57	597.62	587.85	-
Products of purchased glass .....	323	10.46	10.67	10.73	10.91	-	451.87	463.08	473.19	493.13	-
Cement, hydraulic .....	324	15.25	15.35	16.14	15.86	-	663.38	666.19	705.32	686.74	-
Structural clay products .....	325	10.50	10.48	10.72	10.66	-	438.90	438.06	448.10	454.12	-
Pottery and related products .....	326	10.39	10.44	10.66	10.58	-	437.42	432.22	433.86	444.36	-
Concrete, gypsum, and plaster products .....	327	11.37	11.22	11.68	11.67	-	487.77	458.90	517.42	495.98	-
Concrete block and brick .....	3271	10.62	10.56	10.90	10.85	-	475.78	438.24	497.04	478.49	-
Concrete products, nec .....	3272	10.27	10.10	10.40	10.55	-	445.72	427.23	451.36	457.87	-
Ready-mixed concrete .....	3273	12.01	11.90	12.45	12.39	-	498.42	458.15	547.80	504.27	-
Misc. nonmetallic mineral products .....	329	12.50	12.55	12.58	12.56	-	545.00	538.40	543.46	545.10	-
Abrasive products .....	3291	10.89	11.00	11.00	11.12	-	471.54	473.00	480.70	480.38	-
Asbestos products .....	3292	14.85	14.53	15.55	15.80	-	647.46	636.41	642.22	644.64	-
Primary metal industries .....	33	14.26	14.16	14.43	14.51	14.52	637.42	625.87	652.24	663.11	649.04
Blast furnaces and basic steel products .....	331	16.56	16.56	17.13	17.12	17.22	738.58	723.67	779.42	790.94	778.34
Blast furnaces and steel mills .....	3312	17.77	17.81	18.48	18.44	-	796.10	780.08	848.23	859.30	-
Steel pipe and tubes .....	3317	13.05	12.92	13.40	13.41	-	588.56	564.60	601.66	611.50	-
Iron and steel foundries .....	332	13.18	12.98	13.36	13.64	-	610.23	591.89	611.89	630.17	-
Gray and ductile iron foundries .....	3321	13.96	13.74	14.14	14.48	-	657.52	630.67	656.10	674.77	-
Malleable iron foundries .....	3322	14.72	13.69	15.09	15.79	-	694.78	681.76	749.97	778.45	-
Steel foundries, nec .....	3325	11.66	11.78	12.03	12.18	-	517.70	520.68	536.54	554.19	-
Primary nonferrous metals .....	333	15.38	15.08	15.68	15.46	-	659.80	640.90	680.51	694.15	-
Primary aluminum .....	3334	15.56	15.24	15.67	15.42	-	658.19	638.56	672.24	672.31	-
Nonferrous rolling and drawing .....	335	13.50	13.38	13.45	13.57	-	607.50	607.45	613.32	622.86	-
Copper rolling and drawing .....	3351	13.08	13.01	13.48	13.64	-	570.29	577.64	622.78	628.80	-
Aluminum sheet, plate, and foil .....	3353	16.40	15.58	16.00	15.86	-	769.16	721.35	761.60	772.38	-
Nonferrous wire drawing and insulating .....	3357	13.44	13.54	13.26	13.56	-	604.80	616.07	590.07	610.20	-
Nonferrous foundries (castings) .....	336	11.44	11.38	11.32	11.44	-	493.06	480.24	490.16	501.07	-
Aluminum foundries .....	3365	10.82	10.62	10.58	10.70	-	456.60	448.16	448.59	455.82	-
Fabricated metal products .....	34	11.91	11.87	12.03	12.09	12.06	518.09	503.29	523.31	531.96	519.79
Metal cans and shipping containers .....	341	15.30	15.26	15.50	15.37	-	668.61	662.28	692.85	670.13	-
Metal cans .....	3411	16.42	16.35	16.49	16.40	-	712.63	707.96	742.05	716.68	-
Cutlery, handtools, and hardware .....	342	11.85	11.81	12.11	12.14	-	510.74	504.29	523.15	536.59	-
Hand and edge tools, and blades and handsaws .....	3423,5	11.20	11.20	11.19	11.21	-	470.40	470.40	481.17	494.36	-
Hardware, nec .....	3429	11.86	11.80	12.18	12.25	-	515.91	507.40	523.74	540.23	-
Plumbing and heating, except electric .....	343	10.58	10.58	10.71	10.59	-	454.94	445.42	453.03	460.67	-
Plumbing fixture fittings and trim .....	3432	9.92	9.92	10.14	9.99	-	421.60	426.56	423.85	418.58	-
Heating equipment, except electric .....	3433	10.85	10.84	10.91	10.85	-	474.15	444.44	475.68	491.51	-
Fabricated structural metal products .....	344	10.98	10.91	11.09	11.20	-	469.94	446.22	473.54	483.84	-
Fabricated structural metal .....	3441	10.87	10.85	11.11	11.20	-	480.45	456.79	476.62	492.80	-
Metal doors, sash, and trim .....	3442	9.28	9.22	9.41	9.43	-	376.77	355.89	394.28	394.17	-
Fabricated plate work (boiler shops) .....	3443	12.48	12.32	12.45	12.53	-	545.38	516.21	541.58	560.09	-
Sheet metal work .....	3444	11.19	11.12	11.35	11.44	-	466.62	451.47	474.43	478.19	-
Architectural metal work .....	3446	9.87	10.00	10.27	10.36	-	427.37	408.00	437.50	442.37	-
Screw machine products, bolts, etc .....	345	11.70	11.79	11.80	11.87	-	507.78	504.61	521.56	530.59	-
Screw machine products .....	3451	10.95	10.94	11.04	11.16	-	466.47	461.67	480.24	485.46	-
Bolts, nuts, rivets, and washers .....	3452	12.54	12.74	12.66	12.66	-	555.52	552.92	569.70	582.36	-
Metal forgings and stampings .....	346	14.53	14.35	14.58	14.66	-	664.02	640.01	667.76	674.36	-
Iron and steel forgings .....	3462	13.98	13.86	13.88	14.14	-	620.71	607.07	603.78	637.71	-
Automotive stampings .....	3465	16.80	16.53	16.79	16.81	-	794.64	758.73	810.96	810.24	-
Metal stampings, nec .....	3469	11.26	11.18	11.33	11.44	-	493.19	480.74	489.46	493.06	-
Metal services, nec .....	347	9.75	9.75	9.90	10.01	-	410.48	399.75	417.78	425.43	-
Plating and polishing .....	3471	9.84	9.84	9.87	9.94	-	412.30	397.54	415.53	422.45	-
Metal coating and allied services .....	3479	9.60	9.60	9.94	10.13	-	407.04	402.24	420.46	431.54	-
Ordnance and accessories, nec .....	348	13.67	13.69	13.78	13.69	-	580.98	568.14	588.41	591.41	-
Ammunition, except for small arms, nec .....	3483	13.81	13.89	14.13	13.88	-	567.59	563.93	593.46	594.06	-
Misc. fabricated metal products .....	349	11.11	11.10	11.28	11.33	-	486.62	477.30	488.42	497.39	-
Valves and pipe fittings, nec .....	3494	11.46	11.38	11.62	11.53	-	498.51	487.06	504.31	506.17	-
Misc. fabricated wire products .....	3496	9.79	9.90	10.10	10.01	-	420.97	417.78	422.18	429.43	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	44.4	43.5	43.9	44.8	44.1	5.8	5.1	5.6	6.2	-
Engines and turbines .....	351	47.1	44.6	45.8	46.7	-	7.4	5.2	6.3	6.9	-
Turbines and turbine generator sets .....	3511	46.9	42.9	43.5	43.8	-	8.0	4.9	5.7	6.1	-
Internal combustion engines, nec .....	3519	47.1	45.3	46.7	47.9	-	7.1	5.3	6.5	7.2	-
Farm and garden machinery .....	352	43.1	43.5	42.4	42.8	-	4.6	4.9	3.9	4.9	-
Farm machinery and equipment .....	3523	44.0	43.4	42.2	43.2	-	5.1	4.8	3.9	5.2	-
Construction and related machinery .....	353	45.1	44.1	44.2	44.9	-	6.1	5.5	5.8	6.3	-
Construction machinery .....	3531	44.6	44.5	43.6	44.4	-	5.7	5.8	5.0	5.6	-
Mining machinery .....	3532	43.8	43.2	44.4	44.9	-	6.3	5.6	6.9	6.5	-
Oil and gas field machinery .....	3533	48.3	46.8	45.9	45.6	-	7.2	6.7	6.4	6.4	-
Conveyors and conveying equipment .....	3535	45.7	43.0	44.3	46.1	-	7.4	5.2	6.7	8.4	-
Industrial trucks and tractors .....	3537	43.1	41.1	43.4	43.7	-	5.1	3.9	5.3	5.5	-
Metalworking machinery .....	354	44.6	44.2	44.7	45.7	-	6.3	6.1	6.6	7.1	-
Machine tools, metal cutting types .....	3541	44.6	44.1	44.9	46.6	-	5.8	5.5	6.6	7.4	-
Machine tools, metal forming types .....	3542	46.7	44.9	47.3	49.3	-	6.7	5.9	8.0	9.0	-
Special dies, tools, jigs, and fixtures .....	3544	44.9	44.8	44.9	45.9	-	6.9	7.0	7.3	7.7	-
Machine tool accessories .....	3545	44.4	43.2	44.5	45.7	-	5.1	4.6	5.5	6.0	-
Power driven handtools .....	3546	43.6	42.4	42.5	41.9	-	5.5	4.2	4.5	4.6	-
Special industry machinery .....	355	44.6	43.7	44.4	45.7	-	6.1	5.5	6.3	6.9	-
Textile machinery .....	3552	42.4	42.0	42.5	43.8	-	4.3	4.4	4.9	5.1	-
Printing trades machinery .....	3555	44.8	43.8	43.9	45.4	-	6.7	6.1	6.4	7.0	-
Food products machinery .....	3556	44.6	43.1	44.1	45.5	-	6.1	5.0	5.6	6.2	-
General industrial machinery .....	356	44.3	43.2	44.0	45.1	-	5.4	4.7	5.5	6.3	-
Pumps and pumping equipment .....	3561	44.7	43.7	43.7	45.2	-	6.2	4.7	5.1	5.7	-
Ball and roller bearings .....	3562	44.7	44.8	45.6	47.3	-	6.5	6.3	7.4	8.9	-
Air and gas compressors .....	3563	45.0	43.7	45.9	46.1	-	5.3	4.9	5.6	6.0	-
Blowers and fans .....	3564	43.1	41.5	43.3	43.3	-	4.0	3.3	4.3	5.0	-
Speed changers, drives, and gears .....	3566	45.2	42.0	43.5	45.0	-	6.1	4.8	6.4	7.6	-
Power transmission equipment, nec .....	3568	44.9	43.4	43.4	45.7	-	5.5	5.0	5.1	6.5	-
Computer and office equipment .....	357	42.9	42.0	43.1	43.5	-	4.2	3.4	3.9	4.0	-
Electronic computers .....	3571	43.9	41.9	44.4	45.0	-	4.5	3.5	3.8	4.1	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	43.0	41.4	42.3	41.3	-	4.6	3.1	4.6	3.6	-
Refrigeration and service machinery .....	358	44.9	43.8	43.2	44.0	-	6.0	5.1	4.7	5.5	-
Refrigeration and heating equipment .....	3585	45.5	44.7	43.6	44.3	-	6.7	5.9	4.9	5.5	-
Misc. industrial and commercial machinery .....	359	44.2	42.9	43.7	44.5	-	5.7	5.1	5.9	6.5	-
Carburetors, pistons, rings, valves .....	3592	44.9	44.2	45.4	46.5	-	6.8	6.2	6.9	7.6	-
Scales, balances, and industrial machinery, nec .....	3596,9	43.9	42.8	43.6	44.2	-	5.6	5.1	5.9	6.4	-
Electronic and other electrical equipment .....	36	43.0	42.1	42.6	43.1	42.2	4.8	4.0	4.6	5.0	-
Electric distribution equipment .....	361	44.0	42.4	42.2	42.9	-	4.8	4.1	4.1	4.5	-
Transformers, except electronic .....	3612	44.5	42.5	42.1	42.6	-	5.3	4.3	3.7	4.1	-
Switchgear and switchboard apparatus .....	3613	43.4	42.2	42.2	43.2	-	4.3	3.9	4.5	5.0	-
Electrical industrial apparatus .....	362	43.7	43.0	43.1	44.4	-	4.6	4.2	4.6	5.6	-
Motors and generators .....	3621	43.3	43.6	43.2	45.3	-	4.2	4.8	4.8	5.7	-
Relays and industrial controls .....	3625	44.2	41.6	42.7	43.0	-	4.9	3.1	4.2	5.2	-
Household appliances .....	363	42.6	41.7	41.4	41.2	-	3.9	3.1	3.1	3.4	-
Household refrigerators and freezers .....	3632	41.3	41.7	40.4	42.1	-	2.1	1.9	.9	3.4	-
Household laundry equipment .....	3633	46.2	44.4	39.9	37.4	-	6.7	5.1	2.9	3.0	-
Electric housewares and fans .....	3634	42.3	40.1	42.7	41.3	-	3.7	2.4	4.6	3.2	-
Electric lighting and wiring equipment .....	364	43.3	42.4	42.9	43.5	-	4.8	4.1	4.3	5.0	-
Electric lamps .....	3641	45.2	47.0	44.6	44.9	-	5.5	5.6	4.0	5.0	-
Current-carrying wiring devices .....	3643	42.3	41.6	41.6	41.9	-	4.0	3.8	3.8	4.3	-
Noncurrent-carrying wiring devices .....	3644	43.5	43.2	43.6	44.4	-	3.6	3.6	3.6	3.9	-
Residential lighting fixtures .....	3645	40.2	37.9	40.6	41.8	-	3.2	2.1	3.8	4.6	-
Household audio and video equipment .....	365	41.5	40.4	43.1	42.1	-	4.6	3.5	6.5	4.9	-
Household audio and video equipment .....	3651	42.8	41.2	42.2	42.5	-	4.5	3.5	5.3	4.6	-
Communications equipment .....	366	44.6	42.4	43.7	45.4	-	5.4	3.5	4.3	4.8	-
Telephone and telegraph apparatus .....	3661	46.2	43.4	45.9	48.6	-	6.6	4.2	4.7	5.4	-
Electronic components and accessories .....	367	42.2	41.7	41.9	42.1	-	4.7	4.2	4.6	5.0	-
Electron tubes .....	3671	42.6	43.2	43.1	41.1	-	4.8	5.0	4.6	4.9	-
Semiconductors and related devices .....	3674	41.8	42.6	42.1	41.3	-	5.1	4.9	5.0	4.9	-
Electronic components, nec .....	3679	41.9	40.6	41.5	42.2	-	4.0	3.3	4.0	4.7	-
Misc. electrical equipment and supplies .....	369	43.7	42.7	43.9	44.5	-	5.3	4.7	5.9	6.1	-
Storage batteries .....	3691	44.4	43.7	45.3	45.0	-	6.0	6.3	7.4	7.5	-
Engine electrical equipment .....	3694	44.1	43.1	44.6	45.6	-	6.0	4.9	6.1	6.7	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	\$12.99	\$12.92	\$13.10	\$13.18	\$13.13	\$576.76	\$562.02	\$575.09	\$590.46	\$579.03
Engines and turbines .....	351	16.71	16.37	16.32	16.15	-	787.04	730.10	747.46	754.21	-
Turbines and turbine generator sets .....	3511	17.39	16.92	17.81	17.87	-	815.59	725.87	774.74	782.71	-
Internal combustion engines, nec .....	3519	16.42	16.15	15.77	15.53	-	773.38	731.60	736.46	743.89	-
Farm and garden machinery .....	352	12.42	12.26	12.70	12.77	-	535.30	533.31	538.48	546.56	-
Farm machinery and equipment .....	3523	13.41	13.27	13.63	13.76	-	590.04	575.92	575.19	594.43	-
Construction and related machinery .....	353	13.21	13.14	12.81	12.85	-	595.77	579.47	566.20	576.97	-
Construction machinery .....	3531	14.79	14.74	13.56	13.47	-	659.63	655.93	591.22	598.07	-
Mining machinery .....	3532	13.51	13.68	14.04	14.21	-	591.74	590.98	623.38	638.03	-
Oil and gas field machinery .....	3533	12.14	11.96	11.99	11.95	-	586.36	559.73	550.34	544.92	-
Conveyors and conveying equipment .....	3535	12.19	12.05	12.42	12.67	-	557.08	518.15	550.21	584.09	-
Industrial trucks and tractors .....	3537	11.30	11.19	11.51	11.56	-	487.03	459.91	499.53	505.17	-
Metalworking machinery .....	354	13.54	13.60	13.80	13.86	-	603.88	601.12	616.86	633.40	-
Machine tools, metal cutting types .....	3541	13.87	13.91	14.07	14.10	-	618.60	613.43	631.74	657.06	-
Machine tools, metal forming types .....	3542	13.92	13.92	14.22	14.33	-	650.06	625.01	672.61	706.47	-
Special dies, tools, jigs, and fixtures .....	3544	14.10	14.18	14.35	14.41	-	633.09	635.26	644.32	661.42	-
Machine tool accessories .....	3545	11.91	11.94	12.08	12.15	-	528.80	515.81	537.56	555.26	-
Power driven handtools .....	3546	11.25	11.17	11.36	11.45	-	490.50	473.61	482.80	479.76	-
Special industry machinery .....	355	13.47	13.39	13.61	13.72	-	600.76	585.14	604.28	627.00	-
Textile machinery .....	3552	11.56	11.61	11.80	11.87	-	490.14	487.62	501.50	519.91	-
Printing trades machinery .....	3555	15.49	15.40	15.73	15.67	-	693.95	674.52	690.55	711.42	-
Food products machinery .....	3556	13.09	13.08	13.11	13.34	-	583.81	563.75	578.15	606.97	-
General industrial machinery .....	356	12.74	12.63	12.86	12.96	-	564.38	545.62	565.84	584.50	-
Pumps and pumping equipment .....	3561	13.95	13.64	13.93	13.88	-	623.57	596.07	608.74	627.38	-
Ball and roller bearings .....	3562	13.85	13.80	14.23	14.42	-	619.10	618.24	648.89	682.07	-
Air and gas compressors .....	3563	12.99	12.95	13.54	13.38	-	584.55	565.92	621.49	616.82	-
Blowers and fans .....	3564	10.56	10.42	10.58	10.77	-	455.14	432.43	458.11	466.34	-
Speed changers, drives, and gears .....	3566	13.69	13.48	13.79	13.79	-	618.79	566.16	599.87	620.55	-
Power transmission equipment, nec .....	3568	12.83	12.65	12.68	12.65	-	576.07	549.01	550.31	578.11	-
Computer and office equipment .....	357	12.77	12.67	13.21	13.29	-	547.83	532.14	569.35	578.12	-
Electronic computers .....	3571	13.77	13.66	14.38	14.48	-	604.50	572.35	638.47	651.60	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	12.85	12.48	12.99	13.16	-	552.55	516.67	549.48	543.51	-
Refrigeration and service machinery .....	358	11.63	11.52	11.79	11.83	-	522.19	504.58	509.33	520.52	-
Refrigeration and heating equipment .....	3585	11.85	11.76	12.01	11.98	-	539.18	525.67	523.64	530.71	-
Misc. industrial and commercial machinery .....	359	12.40	12.34	12.57	12.74	-	548.08	529.39	549.31	566.93	-
Carburetors, pistons, rings, valves .....	3592	13.64	13.62	14.00	13.98	-	612.44	602.00	635.60	650.07	-
Scales, balances, and industrial machinery, nec .....	3596,9	12.03	12.00	12.21	12.38	-	528.12	513.60	532.36	547.20	-
Electronic and other electrical equipment .....	36	11.52	11.41	11.55	11.59	11.60	495.36	480.36	492.03	499.53	489.52
Electric distribution equipment .....	361	11.15	11.13	11.27	11.41	-	490.60	471.91	475.59	489.49	-
Transformers, except electronic .....	3612	10.66	10.59	10.66	10.70	-	474.37	450.08	448.79	455.82	-
Switchgear and switchboard apparatus .....	3613	11.69	11.72	11.94	12.20	-	507.35	494.58	503.87	527.04	-
Electrical industrial apparatus .....	362	10.95	10.76	10.97	11.05	-	478.52	462.68	472.81	490.62	-
Motors and generators .....	3621	10.11	10.04	10.27	10.30	-	437.76	437.74	443.66	466.59	-
Relays and industrial controls .....	3625	12.40	12.13	12.40	12.66	-	548.08	504.61	529.48	544.38	-
Household appliances .....	363	10.62	10.72	11.02	11.14	-	452.41	447.02	456.23	458.97	-
Household refrigerators and freezers .....	3632	11.49	11.76	11.85	12.33	-	474.54	490.39	478.74	519.09	-
Household laundry equipment .....	3633	13.36	13.42	13.59	13.65	-	617.23	595.85	542.24	510.51	-
Electric housewares and fans .....	3634	8.33	8.44	8.89	8.71	-	352.36	338.44	379.60	359.72	-
Electric lighting and wiring equipment .....	364	11.18	11.22	11.24	11.39	-	484.09	475.73	482.20	495.47	-
Electric lamps .....	3641	11.62	11.89	11.65	11.83	-	525.22	558.83	519.59	531.17	-
Current-carrying wiring devices .....	3643	10.93	10.95	11.09	11.21	-	462.34	455.52	461.34	469.70	-
Noncurrent-carrying wiring devices .....	3644	10.54	10.55	10.55	10.39	-	458.49	455.76	459.98	461.32	-
Residential lighting fixtures .....	3645	8.33	8.25	8.53	8.55	-	334.87	312.68	346.32	357.39	-
Household audio and video equipment .....	365	11.20	11.11	11.59	11.32	-	464.80	448.84	499.53	476.57	-
Household audio and video equipment .....	3651	11.58	11.60	12.23	11.98	-	495.62	477.92	516.11	509.15	-
Communications equipment .....	366	12.45	12.08	12.08	12.05	-	555.27	512.19	527.90	547.07	-
Telephone and telegraph apparatus .....	3661	13.86	13.34	13.21	13.08	-	640.33	578.96	606.34	635.69	-
Electronic components and accessories .....	367	11.40	11.32	11.32	11.35	-	481.08	472.04	474.31	477.84	-
Electron tubes .....	3671	13.18	13.15	13.47	13.53	-	561.47	568.08	580.56	556.08	-
Semiconductors and related devices .....	3674	14.72	14.41	14.18	14.32	-	615.30	613.87	596.98	591.42	-
Electronic components, nec .....	3679	9.76	9.64	9.66	9.70	-	408.94	391.38	400.89	409.34	-
Misc. electrical equipment and supplies .....	369	12.92	12.70	13.14	13.22	-	564.60	542.29	576.85	588.29	-
Storage batteries .....	3691	14.15	13.78	14.53	14.62	-	628.26	602.19	658.21	657.90	-
Engine electrical equipment .....	3694	13.75	13.43	13.69	13.79	-	606.38	578.83	610.57	628.82	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	44.9	43.7	45.0	45.7	44.5	6.3	5.4	6.7	7.2	-
Motor vehicles and equipment .....	371	46.6	45.4	46.6	47.1	45.9	7.8	6.7	8.2	8.6	-
Motor vehicles and car bodies .....	3711	47.3	44.9	47.4	47.7	-	8.6	6.5	9.4	9.6	-
Truck and bus bodies .....	3713	44.5	42.7	44.8	46.6	-	5.8	4.6	5.8	7.1	-
Motor vehicle parts and accessories .....	3714	46.9	46.3	46.5	47.1	-	7.7	7.2	7.9	8.4	-
Truck trailers .....	3715	43.7	43.5	43.4	44.1	-	5.1	4.8	5.4	5.4	-
Aircraft and parts .....	372	42.9	41.7	42.9	44.3	-	5.0	3.8	5.0	5.8	-
Aircraft .....	3721	41.6	40.7	41.5	43.3	-	4.3	3.6	4.2	4.7	-
Aircraft engines and engine parts .....	3724	45.5	43.2	44.1	45.4	-	7.0	4.1	5.8	7.5	-
Aircraft parts and equipment, nec .....	3728	43.3	42.2	44.2	45.1	-	4.8	3.8	5.6	6.2	-
Ship and boat building and repairing .....	373	41.2	40.0	41.4	42.3	-	3.0	3.1	3.3	3.6	-
Ship building and repairing .....	3731	41.6	40.5	42.7	43.4	-	3.0	3.2	3.7	3.8	-
Boat building and repairing .....	3732	40.2	39.0	39.1	40.4	-	3.0	2.9	2.7	3.2	-
Railroad equipment .....	374	43.2	42.3	46.9	48.3	-	4.7	3.3	6.4	7.4	-
Guided missiles, space vehicles, and parts .....	376	43.2	42.1	43.0	43.4	-	3.6	3.5	4.5	5.0	-
Guided missiles and space vehicles .....	3761	44.1	43.2	43.4	43.8	-	3.6	3.5	4.8	5.7	-
Misc. transportation equipment .....	379	40.5	40.4	39.3	38.9	-	3.6	3.6	2.8	2.8	-
Travel trailers and campers .....	3792	38.8	39.2	38.7	38.2	-	2.8	3.2	2.1	2.1	-
Instruments and related products .....	38	42.1	41.5	42.0	42.5	42.0	3.4	2.9	3.6	3.9	-
Search and navigation equipment .....	381	41.7	41.6	41.8	42.4	-	2.6	2.0	3.1	3.2	-
Measuring and controlling devices .....	382	42.9	42.0	43.0	43.6	-	3.6	2.8	3.5	3.9	-
Environmental controls .....	3822	42.6	41.6	43.1	43.7	-	4.3	3.5	3.8	4.4	-
Process control instruments .....	3823	43.1	41.9	43.1	43.6	-	3.3	2.3	3.3	3.5	-
Instruments to measure electricity .....	3825	43.1	42.2	42.4	43.3	-	2.8	2.2	2.7	3.2	-
Medical instruments and supplies .....	384	41.8	41.0	41.3	42.1	-	3.6	3.0	3.5	4.2	-
Surgical and medical instruments .....	3841	42.0	41.5	41.0	42.1	-	3.7	3.3	3.2	4.1	-
Surgical appliances and supplies .....	3842	41.7	40.3	41.3	42.2	-	3.5	2.7	3.7	4.5	-
Ophthalmic goods .....	385	39.2	39.3	39.2	38.8	-	2.0	2.1	2.0	2.0	-
Photographic equipment and supplies .....	386	42.3	43.5	43.2	42.8	-	4.4	4.8	5.7	5.0	-
Watches, clocks, watchcases, and parts .....	387	41.5	40.4	44.0	42.1	-	2.9	2.1	5.3	3.4	-
Miscellaneous manufacturing industries .....	39	40.6	39.7	40.7	40.5	39.6	3.3	2.8	3.7	3.2	-
Jewelry, silverware, and plated ware .....	391	39.3	37.6	39.6	38.8	-	2.8	1.7	3.5	2.4	-
Jewelry, precious metal .....	3911	38.8	37.0	39.4	38.4	-	2.8	1.6	3.6	2.4	-
Musical instruments .....	393	40.3	40.1	41.5	41.9	-	2.4	2.0	3.2	3.5	-
Toys and sporting goods .....	394	40.2	39.7	41.1	40.7	-	3.1	3.0	3.9	3.4	-
Dolls, games, toys, and children's vehicles .....	3942,4	38.7	37.7	39.6	38.5	-	2.2	1.9	3.4	2.3	-
Sporting and athletic goods, nec .....	3949	41.2	40.9	42.0	42.0	-	3.6	3.7	4.3	4.0	-
Pens, pencils, office, and art supplies .....	395	42.6	40.4	41.0	40.9	-	2.9	2.0	3.0	3.1	-
Costume jewelry and notions .....	396	40.5	40.7	40.2	39.0	-	4.0	3.8	3.7	2.0	-
Costume jewelry .....	3961	40.7	41.0	40.6	38.2	-	4.7	4.4	4.3	1.1	-
Miscellaneous manufactures .....	399	40.9	40.0	40.6	40.9	-	3.7	3.1	3.8	3.6	-
Signs and advertising specialties .....	3993	41.3	40.3	41.8	42.3	-	3.9	3.2	4.4	4.6	-
<b>Nondurable goods</b> .....		41.2	40.4	41.5	41.6	40.7	4.2	3.8	4.5	4.5	4.0
Food and kindred products .....	20	41.3	40.3	42.2	42.2	41.1	4.7	4.2	5.3	5.1	-
Meat products .....	201	40.9	40.6	42.4	42.1	-	4.5	4.3	5.5	5.0	-
Meat packing plants .....	2011	42.9	42.8	45.5	45.7	-	5.7	5.6	7.0	6.7	-
Sausages and other prepared meats .....	2013	41.6	41.2	43.9	43.9	-	4.9	4.7	6.3	6.1	-
Poultry slaughtering and processing .....	2015	39.5	39.1	40.2	39.4	-	3.6	3.3	4.3	3.6	-
Dairy products .....	202	41.3	41.2	42.8	42.8	-	4.1	4.0	5.2	5.0	-
Cheese, natural and processed .....	2022	40.0	38.6	40.7	41.5	-	3.4	2.9	4.4	4.4	-
Fluid milk .....	2026	42.5	42.3	43.4	43.1	-	4.5	4.4	5.2	4.9	-
Preserved fruits and vegetables .....	203	41.1	39.9	41.1	41.4	-	4.5	3.7	4.6	4.5	-
Canned specialties .....	2032	44.4	42.9	45.1	43.9	-	5.4	5.0	7.3	5.8	-
Canned fruits and vegetables .....	2033	40.8	39.7	40.5	39.7	-	3.6	2.9	4.0	3.1	-
Frozen fruits and vegetables .....	2037	39.2	38.9	39.6	41.0	-	3.9	3.5	3.9	4.4	-
Grain mill products .....	204	46.4	44.5	46.2	47.4	-	7.3	6.8	7.7	7.7	-
Flour and other grain mill products .....	2041	47.2	44.0	48.1	48.0	-	6.9	5.5	8.6	7.5	-
Prepared feeds, nec .....	2048	44.6	44.3	45.1	45.7	-	7.1	7.2	6.9	7.1	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>f</sup>	Jan. 1995 <sup>g</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>f</sup>	Jan. 1995 <sup>g</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	\$16.42	\$16.26	\$16.63	\$16.84	\$16.80	\$737.26	\$710.56	\$748.35	\$769.59	\$747.60
Motor vehicles and equipment .....	371	16.88	16.69	17.10	17.35	17.13	786.61	757.73	796.86	817.19	786.27
Motor vehicles and car bodies .....	3711	20.63	20.27	20.68	21.00	-	975.80	910.12	980.23	1,001.70	-
Truck and bus bodies .....	3713	14.90	14.67	14.59	14.72	-	663.05	626.41	653.63	685.95	-
Motor vehicle parts and accessories .....	3714	15.21	15.21	15.60	15.80	-	713.35	704.22	725.40	744.18	-
Truck trailers .....	3715	10.04	9.87	10.16	10.18	-	438.75	429.35	440.94	448.94	-
Aircraft and parts .....	372	17.78	17.56	18.24	18.46	-	762.76	732.25	782.50	817.78	-
Aircraft .....	3721	( <sup>h</sup> )	( <sup>h</sup> )	( <sup>h</sup> )	( <sup>h</sup> )	-	-	-	-	-	-
Aircraft engines and engine parts .....	3724	\$17.13	\$16.82	\$17.58	\$17.81	-	\$779.42	\$726.62	\$775.28	\$808.57	-
Aircraft parts and equipment, nec .....	3728	16.05	15.89	16.21	16.41	-	694.97	670.56	716.48	740.09	-
Ship and boat building and repairing .....	373	12.44	12.61	12.56	12.53	-	512.53	504.40	519.98	530.02	-
Ship building and repairing .....	3731	13.56	13.80	14.00	13.98	-	564.10	558.90	597.80	606.73	-
Boat building and repairing .....	3732	9.87	9.90	9.85	9.83	-	396.77	386.10	385.14	397.13	-
Railroad equipment .....	374	15.34	15.13	15.66	15.66	-	662.69	640.00	734.45	756.38	-
Guided missiles, space vehicles, and parts .....	376	17.31	17.41	17.68	17.73	-	747.79	732.96	760.24	769.48	-
Guided missiles and space vehicles .....	3761	( <sup>h</sup> )	( <sup>h</sup> )	( <sup>h</sup> )	( <sup>h</sup> )	-	-	-	-	-	-
Misc. transportation equipment .....	379	\$11.07	\$11.00	\$10.87	\$11.15	-	\$448.34	\$444.40	\$427.19	\$433.74	-
Travel trailers and campers .....	3792	10.61	10.63	10.73	10.89	-	411.67	416.70	415.25	416.00	-
Instruments and related products .....	38	12.46	12.41	12.54	12.62	12.58	524.57	515.02	526.68	536.35	528.36
Search and navigation equipment .....	381	16.65	16.39	16.95	17.06	-	694.31	681.82	708.51	723.34	-
Measuring and controlling devices .....	382	12.33	12.26	12.28	12.34	-	528.96	514.92	528.04	538.02	-
Environmental controls .....	3822	11.28	11.10	10.90	10.99	-	480.53	461.76	469.79	480.26	-
Process control instruments .....	3823	11.85	11.72	11.94	11.92	-	510.74	491.07	514.61	519.71	-
Instruments to measure electricity .....	3825	13.37	13.43	13.70	13.69	-	576.25	566.75	580.88	592.78	-
Medical instruments and supplies .....	384	11.04	11.03	11.24	11.43	-	461.47	452.23	464.21	481.20	-
Surgical and medical instruments .....	3841	10.83	10.85	10.88	11.06	-	454.86	450.28	446.08	465.63	-
Surgical appliances and supplies .....	3842	10.40	10.36	10.67	10.84	-	433.68	417.51	440.67	457.45	-
Ophthalmic goods .....	385	9.03	9.13	9.31	9.39	-	353.98	358.81	364.95	364.33	-
Photographic equipment and supplies .....	386	14.89	15.00	15.12	14.94	-	629.85	652.50	653.18	639.43	-
Watches, clocks, watchcases, and parts .....	387	8.31	8.44	8.54	8.64	-	344.87	340.98	375.76	363.74	-
Miscellaneous manufacturing industries .....	39	9.58	9.57	9.77	9.89	9.94	388.95	379.93	397.64	400.55	393.62
Jewelry, silverware, and plated ware .....	391	9.78	9.74	10.07	10.18	-	384.35	366.22	398.77	394.98	-
Jewelry, precious metal .....	3911	9.74	9.68	10.05	10.13	-	377.91	358.16	395.97	388.99	-
Musical instruments .....	393	9.53	9.59	9.66	9.77	-	384.06	384.56	400.89	409.36	-
Toys and sporting goods .....	394	8.88	8.98	9.21	9.21	-	356.98	356.51	378.53	374.85	-
Dolls, games, toys, and children's vehicles .....	3942,4	8.71	8.84	8.83	8.92	-	337.08	333.27	349.67	343.42	-
Sporting and athletic goods, nec .....	3949	8.97	9.05	9.42	9.37	-	369.56	370.15	395.64	393.54	-
Pens, pencils, office, and art supplies .....	395	10.31	10.36	10.79	10.93	-	439.21	418.54	442.39	447.04	-
Costume jewelry and notions .....	396	8.28	8.11	8.26	8.46	-	335.34	330.08	332.05	329.94	-
Costume jewelry .....	3961	7.34	6.98	7.13	7.15	-	298.74	286.18	289.48	273.13	-
Miscellaneous manufactures .....	399	10.16	10.11	10.23	10.39	-	415.54	404.40	415.34	424.95	-
Signs and advertising specialties .....	3993	10.48	10.28	10.65	10.86	-	432.82	414.28	445.17	459.38	-
<b>Nondurable goods</b> .....		11.16	11.16	11.36	11.42	11.43	459.79	450.86	471.44	475.07	465.20
Food and kindred products .....	20	10.63	10.59	10.82	10.88	10.87	439.02	426.78	456.60	459.14	446.76
Meat products .....	201	8.63	8.59	8.88	8.88	-	352.97	348.75	376.51	373.85	-
Meat packing plants .....	2011	9.47	9.35	9.65	9.62	-	406.26	400.18	439.08	439.63	-
Sausages and other prepared meats .....	2013	9.95	9.94	10.08	10.13	-	413.92	409.53	442.51	444.71	-
Poultry slaughtering and processing .....	2015	7.59	7.58	7.91	7.90	-	299.81	296.38	317.98	311.26	-
Dairy products .....	202	11.89	11.85	12.27	12.27	-	491.06	488.22	525.16	525.16	-
Cheese, natural and processed .....	2022	10.64	10.41	10.91	10.86	-	425.60	401.83	444.04	450.69	-
Fluid milk .....	2026	12.55	12.59	12.94	12.96	-	533.38	532.56	561.60	558.58	-
Preserved fruits and vegetables .....	203	10.38	10.41	10.24	10.53	-	426.62	415.36	420.86	435.94	-
Canned specialties .....	2032	13.65	13.55	13.96	13.59	-	606.06	581.30	629.60	596.60	-
Canned fruits and vegetables .....	2033	10.73	10.93	10.50	11.09	-	437.78	433.92	425.25	440.27	-
Frozen fruits and vegetables .....	2037	9.39	9.42	9.16	9.73	-	368.09	366.44	362.74	398.93	-
Grain mill products .....	204	12.89	12.85	13.41	13.61	-	598.10	571.83	619.54	645.11	-
Flour and other grain mill products .....	2041	10.76	10.77	11.43	11.65	-	507.87	473.88	549.78	559.20	-
Prepared feeds, nec .....	2048	10.39	10.41	10.60	10.71	-	463.39	461.16	478.06	489.45	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>b</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>b</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	40.3	38.7	40.7	40.6	-	4.5	3.7	4.9	4.7	-
Bread, cake, and related products .....	2051	39.5	37.7	39.6	40.2	-	4.2	3.4	4.8	4.8	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	42.0	40.5	42.7	41.3	-	5.2	4.2	5.1	4.5	-
Sugar and confectionery products .....	206	41.7	40.0	42.3	41.8	-	4.5	3.8	4.7	4.8	-
Raw cane sugar .....	2061	57.6	51.1	59.9	56.1	-	15.2	11.4	15.9	16.2	-
Cane sugar refining .....	2062	45.9	43.6	50.0	46.6	-	7.3	5.6	9.5	6.0	-
Beet sugar .....	2063	40.8	42.7	39.8	40.7	-	4.1	4.4	3.5	3.5	-
Candy and other confectionery products .....	2064	39.4	37.9	39.8	39.9	-	3.3	2.9	3.3	3.7	-
Fats and oils .....	207	45.5	43.3	46.0	46.9	-	6.8	6.1	7.7	7.6	-
Beverages .....	208	40.9	39.9	43.3	43.1	-	4.4	4.0	5.5	5.3	-
Malt beverages .....	2082	42.3	41.4	48.8	46.2	-	6.2	6.0	9.3	7.7	-
Bottled and canned soft drinks .....	2086	40.9	39.3	41.9	43.1	-	4.1	3.3	4.5	5.0	-
Misc. food and kindred products .....	209	39.8	38.0	40.3	40.4	-	4.2	3.6	4.4	4.4	-
Tobacco products .....	21	37.4	37.5	39.8	41.1	39.9	2.2	2.2	5.0	4.6	-
Cigarettes .....	211	37.0	37.3	40.6	41.4	-	2.1	2.1	6.1	6.0	-
Textile mill products .....	22	42.2	41.2	41.9	42.1	41.5	4.9	4.4	4.8	4.9	-
Broadwoven fabric mills, cotton .....	221	42.7	40.9	43.0	42.8	-	6.0	5.0	6.3	6.0	-
Broadwoven fabric mills, synthetics .....	222	42.8	42.2	42.1	42.2	-	4.9	4.7	4.8	4.6	-
Broadwoven fabric mills, wool .....	223	43.6	44.7	41.0	42.2	-	6.5	6.5	4.7	5.6	-
Narrow fabric mills .....	224	40.3	39.1	39.2	40.7	-	3.2	2.2	3.4	3.5	-
Knitting mills .....	225	40.0	39.2	40.6	40.2	-	3.4	3.1	3.7	3.7	-
Women's hosiery, except socks .....	2251	40.1	38.9	40.5	39.8	-	3.2	3.6	3.6	4.0	-
Hosiery, nec .....	2252	39.4	37.1	39.9	39.4	-	4.1	3.3	3.6	3.4	-
Knit outerwear mills .....	2253	38.8	38.7	40.2	39.6	-	2.4	2.2	3.4	3.1	-
Knit underwear mills .....	2254	40.2	39.9	39.7	39.5	-	2.2	2.1	2.6	2.4	-
Weft knit fabric mills .....	2257	40.8	40.6	41.4	41.2	-	4.4	4.0	4.3	4.9	-
Textile finishing, except wool .....	226	44.5	42.6	42.5	43.7	-	6.6	5.4	5.4	6.2	-
Finishing plants, cotton .....	2261	45.3	42.8	43.6	44.8	-	7.2	5.4	5.9	6.5	-
Finishing plants, synthetics .....	2262	43.3	41.9	41.6	42.3	-	5.8	4.9	5.0	6.0	-
Carpets and rugs .....	227	45.2	44.0	43.1	44.6	-	7.2	6.1	5.9	6.3	-
Yarn and thread mills .....	228	41.6	40.8	42.1	42.0	-	4.4	4.3	4.6	4.6	-
Yarn spinning mills .....	2281	41.8	41.1	42.4	42.5	-	4.6	4.6	4.8	4.8	-
Throwing and winding mills .....	2282	39.6	38.9	40.0	38.8	-	3.3	3.1	3.7	3.4	-
Miscellaneous textile goods .....	229	44.3	43.7	43.2	43.3	-	5.5	5.3	5.1	5.1	-
Apparel and other textile products .....	23	37.6	36.8	38.0	38.1	37.3	2.0	1.7	2.2	2.2	-
Men's and boys' suits and coats .....	231	37.2	36.1	36.4	36.4	-	1.4	1.3	1.4	1.3	-
Men's and boys' furnishings .....	232	37.1	36.3	38.4	38.1	-	1.6	1.4	2.1	1.8	-
Men's and boys' shirts .....	2321	36.2	35.1	38.0	37.6	-	1.4	1.1	1.9	1.6	-
Men's and boys' trousers and slacks .....	2325	36.8	36.7	38.0	38.2	-	1.6	1.5	1.9	1.7	-
Men's and boys' work clothing .....	2326	38.3	36.8	38.1	37.7	-	1.6	1.2	1.8	1.8	-
Women's and misses' outerwear .....	233	36.1	35.7	36.2	36.8	-	1.4	1.3	1.7	2.0	-
Women's and misses' blouses and shirts .....	2331	35.9	35.4	35.9	35.8	-	.7	.8	1.0	1.3	-
Women's, juniors', and misses' dresses .....	2335	36.2	35.5	36.6	35.4	-	1.9	1.6	2.0	1.6	-
Women's and misses' suits and coats .....	2337	36.3	35.3	34.9	36.2	-	1.3	1.0	1.5	1.8	-
Women's and misses' outerwear, nec .....	2339	36.1	35.8	36.3	37.4	-	1.3	1.3	1.8	2.1	-
Women's and children's undergarments .....	234	37.7	37.2	38.2	37.9	-	2.0	1.6	2.4	2.0	-
Women's and children's underwear .....	2341	37.4	36.6	38.2	37.5	-	1.8	1.3	2.3	1.7	-
Brassieres, girdles, and allied garments .....	2342	38.8	39.6	38.3	39.5	-	2.6	2.8	2.8	3.2	-
Girls' and children's outerwear .....	236	38.0	37.4	38.0	38.6	-	1.9	1.9	2.2	2.5	-
Girls' and children's dresses and blouses .....	2361	37.7	37.4	36.8	38.2	-	2.1	2.4	1.7	2.5	-
Misc. apparel and accessories .....	238	37.1	36.2	37.8	38.0	-	1.5	1.3	1.9	1.5	-
Misc. fabricated textile products .....	239	40.3	38.9	40.1	40.0	-	3.9	3.0	3.4	3.2	-
Curtains and draperies .....	2391	39.6	36.9	38.8	39.1	-	3.1	1.5	2.4	2.5	-
House furnishings, nec .....	2392	39.8	37.7	39.6	39.0	-	3.1	2.1	3.2	3.2	-
Automotive and apparel trimmings .....	2396	41.8	40.2	41.0	40.4	-	5.6	4.5	3.9	3.4	-
Paper and allied products .....	26	44.5	43.7	44.3	44.7	44.0	5.6	5.1	5.9	6.0	-
Paper mills .....	262	45.9	45.3	46.3	46.1	-	6.2	5.7	6.4	6.4	-
Paperboard mills .....	263	45.6	45.8	45.9	46.1	-	7.0	6.8	7.7	7.3	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	\$11.75	\$11.67	\$11.79	\$11.73	-	\$473.53	\$451.63	\$479.85	\$476.24	-
Bread, cake, and related products .....	2051	11.64	11.63	11.71	11.71	-	459.78	438.45	463.72	470.74	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	11.94	11.74	11.91	11.77	-	501.48	475.47	508.56	486.10	-
Sugar and confectionery products .....	206	11.01	11.27	11.32	11.37	-	459.12	450.80	478.84	475.27	-
Raw cane sugar .....	2061	10.84	11.49	11.02	11.10	-	624.38	587.14	660.10	622.71	-
Cane sugar refining .....	2062	16.04	16.06	16.07	15.80	-	736.24	700.22	803.50	736.28	-
Beet sugar .....	2063	11.62	11.57	11.87	12.33	-	474.10	494.04	472.43	501.83	-
Candy and other confectionery products .....	2064	9.90	10.15	10.36	10.27	-	390.06	384.69	412.33	409.77	-
Fats and oils .....	207	11.11	11.07	11.39	11.38	-	505.51	479.33	523.94	533.72	-
Beverages .....	208	14.83	14.69	15.56	15.43	-	606.55	586.13	673.75	665.03	-
Malt beverages .....	2082	20.18	19.83	21.30	21.12	-	853.61	820.96	1,039.44	975.74	-
Bottled and canned soft drinks .....	2086	12.13	12.19	12.24	12.38	-	496.12	479.07	512.86	533.58	-
Misc. food and kindred products .....	209	9.89	9.79	9.79	9.87	-	393.62	372.02	394.54	398.75	-
Tobacco products .....	21	16.55	16.69	19.12	18.20	\$18.59	618.97	625.88	760.98	748.02	\$741.74
Cigarettes .....	211	21.95	21.61	24.28	24.35	-	812.15	806.05	985.77	1,008.09	-
Textile mill products .....	22	9.01	9.03	9.27	9.30	9.35	380.22	372.04	388.41	391.53	388.03
Broadwoven fabric mills, cotton .....	221	9.36	9.33	9.76	9.74	-	399.67	381.60	419.68	416.87	-
Broadwoven fabric mills, synthetics .....	222	9.86	9.92	10.21	10.19	-	422.01	418.62	429.84	430.02	-
Broadwoven fabric mills, wool .....	223	9.39	9.59	9.66	9.61	-	409.40	428.67	396.06	405.54	-
Narrow fabric mills .....	224	8.32	8.25	8.58	8.58	-	335.30	322.58	336.34	349.21	-
Knitting mills .....	225	8.16	8.25	8.45	8.53	-	326.40	323.40	343.07	342.91	-
Women's hosiery, except socks .....	2251	7.63	7.88	7.86	8.06	-	305.96	306.53	318.33	320.79	-
Hosiery, nec .....	2252	7.94	8.03	8.14	8.12	-	312.84	297.91	324.79	319.93	-
Knit outerwear mills .....	2253	7.66	7.74	8.00	8.00	-	297.21	299.54	321.60	316.80	-
Knit underwear mills .....	2254	8.06	8.21	8.52	8.55	-	324.01	327.58	338.24	337.73	-
Wet knit fabric mills .....	2257	9.35	9.30	9.37	9.60	-	381.48	377.58	387.92	395.52	-
Textile finishing, except wool .....	226	9.31	9.21	9.45	9.54	-	414.30	392.35	401.63	416.90	-
Finishing plants, cotton .....	2261	9.25	9.05	9.23	9.32	-	419.03	387.34	402.43	417.54	-
Finishing plants, synthetics .....	2262	9.64	9.64	9.91	9.94	-	417.41	403.92	412.26	420.46	-
Carpets and rugs .....	227	9.12	9.11	9.34	9.24	-	412.22	400.84	402.55	412.10	-
Yarn and thread mills .....	228	8.72	8.76	8.96	8.99	-	362.75	357.41	377.22	377.58	-
Yarn spinning mills .....	2281	8.69	8.72	8.95	8.98	-	363.24	358.39	379.48	381.65	-
Throwing and winding mills .....	2282	9.03	9.09	9.32	9.27	-	357.59	353.60	372.80	359.68	-
Miscellaneous textile goods .....	229	10.56	10.50	10.64	10.79	-	467.81	458.85	459.65	467.21	-
Apparel and other textile products .....	23	7.24	7.22	7.44	7.46	7.53	272.22	265.70	282.72	284.23	280.87
Men's and boys' suits and coats .....	231	7.94	7.93	7.96	7.98	-	295.37	286.27	289.74	290.47	-
Men's and boys' furnishings .....	232	6.81	6.82	7.06	7.09	-	252.65	247.57	271.10	270.13	-
Men's and boys' shirts .....	2321	6.88	6.83	7.02	7.10	-	249.06	239.73	266.76	266.96	-
Men's and boys' trousers and slacks .....	2325	6.62	6.73	6.93	6.96	-	243.62	246.99	263.34	265.87	-
Men's and boys' work clothing .....	2326	6.52	6.52	6.70	6.82	-	249.72	239.94	255.27	257.11	-
Women's and misses' outerwear .....	233	6.82	6.78	7.11	7.10	-	246.20	242.05	257.38	261.28	-
Women's and misses' blouses and shirts .....	2331	6.28	6.31	6.37	6.49	-	225.45	223.37	228.68	232.34	-
Women's, juniors', and misses' dresses .....	2335	7.50	7.34	7.58	7.57	-	271.50	260.57	277.43	267.98	-
Women's and misses' suits and coats .....	2337	7.57	7.46	7.44	7.64	-	274.79	263.34	259.66	276.57	-
Women's and misses' outerwear, nec .....	2339	6.62	6.61	7.06	7.02	-	238.98	236.64	256.28	262.55	-
Women's and children's undergarments .....	234	6.87	6.87	7.04	7.08	-	259.00	255.56	268.93	268.33	-
Women's and children's underwear .....	2341	6.68	6.71	6.86	6.85	-	249.83	245.59	262.05	256.88	-
Brassieres, girdles, and allied garments .....	2342	7.63	7.45	7.74	7.94	-	296.04	295.02	296.44	313.63	-
Girls' and children's outerwear .....	236	6.37	6.43	6.67	6.63	-	242.06	240.48	253.46	255.92	-
Girls' and children's dresses and blouses .....	2361	6.39	6.41	6.50	6.51	-	240.90	239.73	239.20	248.68	-
Misc. apparel and accessories .....	238	6.99	7.00	7.01	7.05	-	259.33	253.40	264.98	267.90	-
Misc. fabricated textile products .....	239	8.45	8.42	8.55	8.53	-	340.54	327.54	342.86	341.20	-
Curtains and draperies .....	2391	7.23	7.20	7.26	7.23	-	286.31	265.68	281.69	282.69	-
House furnishings, nec .....	2392	7.36	7.44	7.85	7.82	-	292.93	280.49	310.86	304.98	-
Automotive and apparel trimmings .....	2396	11.06	10.88	10.94	10.89	-	462.31	437.38	448.54	439.96	-
Paper and allied products .....	26	13.61	13.56	13.91	13.96	13.95	605.65	592.57	616.21	624.01	613.80
Paper mills .....	262	16.87	16.70	17.36	17.38	-	774.33	756.51	803.77	801.22	-
Paperboard mills .....	263	17.15	16.99	17.60	17.72	-	782.04	778.14	807.84	816.89	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>b</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>b</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	44.6	43.0	44.2	44.9	-	5.6	4.8	6.0	5.9	-
Corrugated and solid fiber boxes .....	2653	45.4	44.1	44.9	45.2	-	6.2	5.5	6.5	6.4	-
Sanitary food containers .....	2656	42.9	42.0	41.8	43.6	-	4.1	4.1	3.9	4.0	-
Folding paperboard boxes .....	2657	44.7	42.2	44.3	45.5	-	5.7	4.3	6.1	5.8	-
Misc. converted paper products .....	267	43.1	42.6	42.4	43.0	-	4.9	4.6	5.1	5.3	-
Paper, coated and laminated, nec .....	2672	42.8	42.8	43.0	43.8	-	4.3	4.2	4.7	5.1	-
Bags: plastics, laminated, and coated .....	2673	42.4	41.9	42.6	42.6	-	5.1	4.8	5.8	5.7	-
Envelopes .....	2677	42.5	41.9	42.2	42.9	-	4.2	4.3	4.5	5.1	-
Printing and publishing .....	27	38.9	38.0	39.1	39.3	38.1	3.5	3.0	3.7	3.7	-
Newspapers .....	271	33.7	32.6	34.1	33.9	-	1.6	1.0	1.9	1.6	-
Periodicals .....	272	37.5	36.7	37.0	36.7	-	2.9	1.9	2.8	2.6	-
Books .....	273	40.8	39.5	39.8	40.7	-	3.9	3.4	3.2	4.0	-
Book publishing .....	2731	39.4	38.7	38.6	39.9	-	2.8	2.7	2.1	3.0	-
Book printing .....	2732	42.2	40.4	41.2	41.6	-	5.2	4.2	4.3	5.0	-
Miscellaneous publishing .....	274	37.1	36.6	38.2	38.1	-	2.2	1.8	2.8	2.8	-
Commercial printing .....	275	40.5	39.7	40.7	40.8	-	4.3	3.9	4.6	4.5	-
Commercial printing, lithographic .....	2752	40.2	39.4	40.4	40.6	-	4.1	3.7	4.5	4.3	-
Commercial printing, nec .....	2759	40.6	39.8	41.3	41.0	-	4.3	3.9	4.6	4.4	-
Manifold business forms .....	276	42.4	41.8	42.7	43.5	-	5.0	4.3	4.9	5.5	-
Blankbooks and bookbinding .....	278	40.0	39.1	40.3	41.5	-	3.0	2.2	2.9	3.4	-
Printing trade services .....	279	40.2	38.9	39.7	39.5	-	4.3	3.6	4.3	4.0	-
Chemicals and allied products .....	28	44.0	43.2	43.7	44.0	43.2	5.1	4.6	5.2	5.3	-
Industrial inorganic chemicals .....	281	44.3	44.8	44.6	44.3	-	5.3	5.1	5.6	5.8	-
Industrial inorganic chemicals, nec .....	2819	43.8	44.7	43.9	43.4	-	5.4	5.3	5.7	5.8	-
Plastics materials and synthetics .....	282	44.5	44.0	44.7	44.7	-	6.0	5.6	6.4	6.4	-
Plastics materials and resins .....	2821	45.9	45.5	45.7	46.4	-	6.8	6.5	7.1	6.9	-
Organic fibers, noncellulosic .....	2824	43.1	42.6	43.7	43.3	-	5.1	4.6	5.5	5.8	-
Drugs .....	283	42.5	41.6	42.0	42.4	-	4.5	3.7	4.3	4.5	-
Pharmaceutical preparations .....	2834	42.5	41.5	41.7	42.1	-	4.4	3.6	4.0	4.3	-
Soap, cleaners, and toilet goods .....	284	43.4	41.4	41.8	42.6	-	3.9	3.1	3.7	4.1	-
Soap and other detergents .....	2841	44.9	43.1	42.9	44.9	-	4.9	4.3	4.4	5.1	-
Polishing, sanitation, and finishing preparations .....	2842,3	42.4	40.4	40.3	41.3	-	3.7	3.3	3.3	3.6	-
Toilet preparations .....	2844	43.2	40.9	42.1	42.1	-	3.5	2.4	3.5	3.8	-
Paints and allied products .....	285	43.5	42.3	43.2	44.4	-	3.9	3.6	4.0	4.2	-
Industrial organic chemicals .....	286	45.7	45.6	45.7	45.8	-	6.2	5.9	6.5	6.4	-
Cyclic crudes and intermediates .....	2865	46.2	46.3	46.7	47.9	-	8.0	8.5	8.5	9.2	-
Industrial organic chemicals, nec .....	2869	45.6	45.4	45.5	45.4	-	5.8	5.3	6.0	5.8	-
Agricultural chemicals .....	287	46.1	44.9	45.5	45.5	-	5.8	5.4	6.4	6.7	-
Miscellaneous chemical products .....	289	43.7	43.1	44.5	44.7	-	5.0	4.7	5.2	5.1	-
Petroleum and coal products .....	29	43.4	44.1	44.4	43.8	42.9	5.2	6.0	6.8	5.6	-
Petroleum refining .....	291	43.8	44.5	44.5	44.0	-	5.0	6.1	6.7	5.4	-
Asphalt paving and roofing materials .....	295	42.7	43.1	45.0	43.1	-	6.3	6.1	8.1	6.3	-
Rubber and misc. plastics products .....	30	42.6	41.9	42.6	43.0	41.9	4.7	4.4	4.7	4.9	-
Tires and inner tubes .....	301	43.0	43.7	46.2	46.1	-	5.8	5.2	7.0	6.5	-
Rubber and plastics footwear .....	302	41.4	41.6	40.4	40.1	-	1.9	1.5	2.1	2.1	-
Hose, belting, gaskets, and packing .....	305	41.8	42.2	42.7	43.6	-	4.2	4.8	4.8	5.2	-
Rubber and plastics hose and belting .....	3052	43.3	44.0	44.4	45.1	-	4.5	5.0	5.4	5.8	-
Fabricated rubber products, nec .....	306	42.6	41.7	42.4	42.8	-	4.3	4.1	4.6	4.8	-
Miscellaneous plastics products, nec .....	308	42.7	41.7	42.3	42.7	-	4.7	4.4	4.5	4.7	-
Leather and leather products .....	31	39.0	38.5	38.9	38.9	37.4	2.5	2.4	2.6	2.4	-
Leather tanning and finishing .....	311	44.0	43.8	43.7	44.6	-	6.0	6.2	5.6	6.2	-
Footwear, except rubber .....	314	38.1	37.9	37.4	37.9	-	1.9	1.9	1.6	1.7	-
Men's footwear, except athletic .....	3143	38.0	37.5	37.3	37.6	-	2.0	1.8	1.3	1.6	-
Women's footwear, except athletic .....	3144	38.2	38.4	37.5	39.3	-	1.6	2.0	1.8	2.0	-
Luggage .....	316	40.0	37.6	40.6	37.4	-	3.3	1.4	3.0	2.7	-
Handbags and personal leather goods .....	317	37.2	36.8	39.8	39.2	-	1.1	1.0	4.0	1.7	-
<b>Transportation and public utilities .....</b>		<b>39.8</b>	<b>39.6</b>	<b>39.8</b>	<b>39.7</b>	<b>39.5</b>	-	-	-	-	-
Railroad transportation:											
Class I railroads <sup>1</sup> .....	4011	46.3	47.5	47.6	47.1	-	-	-	-	-	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	\$11.57	\$11.54	\$11.78	\$11.80	-	\$516.02	\$496.22	\$520.68	\$529.82	-
Corrugated and solid fiber boxes .....	2653	11.68	11.60	11.88	11.99	-	530.27	511.56	533.41	541.95	-
Sanitary food containers .....	2656	11.36	11.30	11.35	11.21	-	487.34	474.60	474.43	488.76	-
Folding paperboard boxes .....	2657	12.09	12.13	12.40	12.28	-	540.42	511.89	549.32	558.74	-
Misc. converted paper products .....	267	11.92	11.87	12.16	12.27	-	513.75	505.66	515.58	527.61	-
Paper, coated and laminated, nec .....	2672	13.91	13.79	14.38	14.35	-	595.35	590.21	618.34	628.53	-
Bags: plastics, laminated, and coated .....	2673	11.12	11.16	11.38	11.45	-	471.49	467.60	484.79	487.77	-
Envelopes .....	2677	11.01	11.05	11.40	11.49	-	467.93	463.00	481.08	492.92	-
Printing and publishing .....	27	12.11	12.06	12.20	12.27	\$12.23	471.08	458.28	477.02	482.21	\$465.96
Newspapers .....	271	11.94	11.97	12.03	12.08	-	402.38	390.22	410.22	409.51	-
Periodicals .....	272	13.56	13.54	13.42	13.55	-	508.50	496.92	496.54	497.29	-
Books .....	273	11.32	11.24	11.64	11.63	-	461.86	443.98	463.27	473.34	-
Book publishing .....	2731	10.90	10.80	11.24	11.21	-	429.46	417.96	433.86	447.28	-
Book printing .....	2732	11.75	11.71	12.05	12.08	-	495.85	473.08	496.46	502.53	-
Miscellaneous publishing .....	274	11.54	11.26	11.89	12.03	-	428.13	412.12	454.20	458.34	-
Commercial printing .....	275	12.26	12.19	12.38	12.45	-	496.53	483.94	503.87	507.96	-
Commercial printing, lithographic .....	2752	12.38	12.31	12.50	12.55	-	497.68	485.01	505.00	509.53	-
Commercial printing, nec .....	2759	11.84	11.80	11.92	12.10	-	480.70	469.64	492.30	496.10	-
Manifold business forms .....	276	12.84	12.82	13.04	13.16	-	544.42	535.88	556.81	572.46	-
Blankbooks and bookbinding .....	278	9.63	9.63	9.48	9.53	-	385.20	376.53	382.04	395.50	-
Printing trade services .....	279	14.71	14.73	14.71	14.84	-	591.34	573.00	583.99	586.18	-
Chemicals and allied products .....	28	15.06	15.00	15.33	15.44	15.35	662.64	648.00	669.92	679.36	663.12
Industrial inorganic chemicals .....	281	16.76	16.64	17.03	17.00	-	742.47	745.47	759.54	753.10	-
Industrial inorganic chemicals, nec .....	2819	17.25	17.11	17.40	17.33	-	755.55	764.82	763.86	752.12	-
Plastics materials and synthetics .....	282	15.39	15.36	15.85	16.07	-	684.86	675.84	708.50	718.33	-
Plastics materials and resins .....	2821	17.03	16.92	17.72	17.65	-	781.68	769.86	809.80	818.96	-
Organic fibers, noncellulosic .....	2824	13.64	13.64	13.64	13.73	-	587.88	581.06	596.07	594.51	-
Drugs .....	283	14.80	14.75	14.88	14.92	-	629.00	613.60	624.96	632.61	-
Pharmaceutical preparations .....	2834	14.86	14.75	14.88	14.96	-	631.55	612.13	620.50	629.82	-
Soap, cleaners, and toilet goods .....	284	12.81	12.65	12.70	12.94	-	555.95	523.71	530.86	551.24	-
Soap and other detergents .....	2841	16.34	16.10	16.07	16.42	-	733.67	693.91	689.40	737.26	-
Polishing, sanitation, and finishing preparations .....	2842,3	11.83	11.65	11.69	11.73	-	501.59	470.66	471.11	484.45	-
Toilet preparations .....	2844	11.12	11.09	11.36	11.59	-	480.38	453.58	478.26	487.94	-
Paints and allied products .....	285	12.98	12.85	13.04	12.98	-	564.63	543.56	563.33	576.31	-
Industrial organic chemicals .....	286	17.90	17.77	18.41	18.49	-	818.03	810.31	841.34	846.84	-
Cyclic crudes and intermediates .....	2865	17.64	17.77	17.95	18.24	-	814.97	822.75	838.27	873.70	-
Industrial organic chemicals, nec .....	2869	18.08	17.89	18.63	18.67	-	824.45	812.21	847.67	847.62	-
Agricultural chemicals .....	287	15.08	15.03	15.61	15.79	-	695.19	674.85	710.26	718.45	-
Miscellaneous chemical products .....	289	13.80	13.77	14.18	14.37	-	603.06	593.49	631.01	642.34	-
Petroleum and coal products .....	29	18.71	18.84	19.30	19.28	19.10	812.01	830.84	856.92	844.46	819.39
Petroleum refining .....	291	20.42	20.54	21.35	21.12	-	894.40	914.03	950.08	929.28	-
Asphalt paving and roofing materials .....	295	13.87	13.37	14.11	13.96	-	592.25	576.25	634.95	602.54	-
Rubber and misc. plastics products .....	30	10.67	10.70	10.68	10.79	10.79	454.54	448.33	454.97	463.97	452.10
Tires and inner tubes .....	301	17.81	17.71	17.40	17.55	-	765.83	773.93	803.88	809.06	-
Rubber and plastics footwear .....	302	7.94	7.94	7.91	8.01	-	328.72	330.30	319.56	321.20	-
Hose, belting, gaskets, and packing .....	305	10.69	10.78	10.99	11.14	-	446.84	454.92	469.27	485.70	-
Rubber and plastics hose and belting .....	3052	10.97	11.14	11.22	11.26	-	475.00	490.16	498.17	507.83	-
Fabricated rubber products, nec .....	306	10.15	10.25	10.24	10.33	-	432.39	427.43	434.18	442.12	-
Miscellaneous plastics products, nec .....	308	9.96	9.97	10.03	10.13	-	425.29	415.75	424.27	432.55	-
Leather and leather products .....	31	7.86	7.88	8.03	8.04	8.10	306.54	303.38	312.37	312.76	302.94
Leather tanning and finishing .....	311	10.26	10.36	10.71	10.73	-	451.44	453.77	468.03	478.56	-
Footwear, except rubber .....	314	7.39	7.43	7.57	7.58	-	281.56	281.60	283.12	287.28	-
Men's footwear, except athletic .....	3143	7.92	8.01	8.10	8.23	-	300.96	300.38	302.13	309.45	-
Women's footwear, except athletic .....	3144	6.85	6.85	6.92	6.87	-	261.67	263.04	259.50	269.99	-
Luggage .....	316	7.83	7.74	7.96	7.70	-	313.20	291.02	323.18	287.98	-
Handbags and personal leather goods .....	317	7.15	7.09	7.37	7.20	-	265.98	260.91	293.33	282.24	-
<b>Transportation and public utilities</b> .....		13.74	13.83	14.09	14.09	14.18	546.85	547.67	560.78	559.37	560.11
Railroad transportation:											
Class I railroads <sup>3</sup> .....	4011	16.78	17.08	17.06	17.16	-	776.91	811.30	812.06	808.24	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>P</sup>	Jan. 1995 <sup>P</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>P</sup>	Jan. 1995 <sup>P</sup>
<b>Transportation and public utilities—Continued</b>											
Local and interurban passenger transit .....	41	34.0	33.7	33.1	33.5	-	-	-	-	-	-
Local and suburban transportation .....	411	38.3	38.0	38.0	37.7	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	37.6	39.0	36.8	36.5	-	-	-	-	-	-
Trucking and warehousing .....	42	39.1	38.2	39.3	39.4	-	-	-	-	-	-
Trucking and courier services, except air .....	421	39.0	38.1	39.1	39.4	-	-	-	-	-	-
Public warehousing and storage .....	422	41.1	39.4	41.1	40.3	-	-	-	-	-	-
Water transportation:											
Water transportation services .....	449	36.2	36.4	36.7	36.3	-	-	-	-	-	-
Pipelines, except natural gas .....	46	42.7	44.9	42.6	43.8	-	-	-	-	-	-
Transportation services .....	47	37.2	37.5	37.5	37.4	-	-	-	-	-	-
Passenger transportation arrangement .....	472	35.6	36.5	35.9	35.7	-	-	-	-	-	-
Travel agencies .....	4724	35.5	36.4	36.2	35.9	-	-	-	-	-	-
Freight transportation arrangement .....	473	38.4	38.5	39.2	39.1	-	-	-	-	-	-
Communications .....	48	39.3	39.3	39.8	39.7	-	-	-	-	-	-
Telephone communications .....	481	40.8	40.8	41.7	41.5	-	-	-	-	-	-
Telephone communications, except radio .....	4813	40.9	40.7	41.8	41.5	-	-	-	-	-	-
Radio and television broadcasting .....	483	34.4	34.9	34.5	34.4	-	-	-	-	-	-
Cable and other pay television services .....	484	38.9	38.5	39.1	39.0	-	-	-	-	-	-
Electric, gas, and sanitary services .....	49	42.4	43.0	42.5	42.4	-	-	-	-	-	-
Electric services .....	491	41.9	42.6	42.3	42.0	-	-	-	-	-	-
Gas production and distribution .....	492	43.6	43.6	43.3	43.1	-	-	-	-	-	-
Combination utility services .....	493	43.0	44.0	42.6	43.2	-	-	-	-	-	-
Sanitary services .....	495	42.5	42.9	42.7	42.2	-	-	-	-	-	-
<b>Wholesale trade .....</b>		<b>38.3</b>	<b>38.2</b>	<b>38.3</b>	<b>38.4</b>	<b>38.2</b>	-	-	-	-	-
Durable goods .....	50	38.9	38.9	38.9	39.0	-	-	-	-	-	-
Motor vehicles, parts, and supplies .....	501	38.4	38.2	38.3	38.5	-	-	-	-	-	-
Furniture and home furnishings .....	502	38.0	37.2	37.7	37.8	-	-	-	-	-	-
Lumber and other construction materials .....	503	39.6	39.1	39.8	39.7	-	-	-	-	-	-
Professional and commercial equipment .....	504	39.0	39.4	38.9	38.9	-	-	-	-	-	-
Medical and hospital equipment .....	5047	38.4	38.9	38.3	37.9	-	-	-	-	-	-
Metals and minerals, except petroleum .....	505	41.1	40.9	41.1	41.3	-	-	-	-	-	-
Electrical goods .....	506	38.6	38.8	38.7	39.0	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	38.8	38.8	38.8	39.1	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	39.3	39.4	39.3	39.3	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	37.7	36.9	38.0	38.1	-	-	-	-	-	-
Nondurable goods .....	51	37.5	37.3	37.6	37.7	-	-	-	-	-	-
Paper and paper products .....	511	37.2	37.0	36.7	36.8	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	37.5	37.5	37.5	38.1	-	-	-	-	-	-
Apparel, piece goods, and notions .....	513	36.5	35.9	37.2	37.3	-	-	-	-	-	-
Groceries and related products .....	514	38.4	38.0	38.8	38.8	-	-	-	-	-	-
Farm-product raw materials .....	515	34.3	34.2	35.8	34.1	-	-	-	-	-	-
Chemicals and allied products .....	516	40.0	40.0	39.4	39.5	-	-	-	-	-	-
Petroleum and petroleum products .....	517	37.7	38.3	37.6	38.0	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	37.1	36.4	36.8	37.0	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	36.7	36.6	36.5	36.6	-	-	-	-	-	-
<b>Retail trade .....</b>		<b>29.3</b>	<b>28.2</b>	<b>28.7</b>	<b>29.3</b>	<b>28.4</b>	-	-	-	-	-
Building materials and garden supplies .....	52	36.1	35.7	36.0	35.9	-	-	-	-	-	-
Lumber and other building materials .....	521	37.9	37.3	37.9	37.7	-	-	-	-	-	-
Paint, glass, and wallpaper stores .....	523	36.1	36.3	36.3	36.1	-	-	-	-	-	-
Hardware stores .....	525	32.2	32.0	32.0	32.3	-	-	-	-	-	-
Retail nurseries and garden stores .....	526	33.3	32.5	32.0	31.8	-	-	-	-	-	-
General merchandise stores .....	53	31.1	27.8	29.4	30.9	-	-	-	-	-	-
Department stores .....	531	31.2	27.8	29.5	31.0	-	-	-	-	-	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>P</sup>	Jan. 1995 <sup>P</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>P</sup>	Jan. 1995 <sup>P</sup>
<b>Transportation and public utilities—Continued</b>											
Local and interurban passenger transit .....	41	\$10.06	\$10.07	\$10.32	\$10.27	-	\$342.04	\$339.36	\$341.59	\$344.05	-
Local and suburban transportation .....	411	10.73	10.71	11.05	10.99	-	410.96	406.98	419.90	414.32	-
Intercity and rural bus transportation .....	413	13.28	12.99	12.63	12.60	-	499.33	506.61	464.78	459.90	-
Trucking and warehousing .....	42	12.60	12.48	12.76	12.78	-	492.66	476.74	501.47	503.53	-
Trucking and courier services, except air .....	421	12.81	12.68	12.97	12.98	-	499.59	483.11	507.13	511.41	-
Public warehousing and storage .....	422	10.04	10.00	10.27	10.30	-	412.64	394.00	422.10	415.09	-
Water transportation:											
Water transportation services .....	449	17.89	18.21	18.60	18.15	-	647.62	662.84	682.62	658.85	-
Pipelines, except natural gas .....	46	20.09	19.91	20.19	20.06	-	857.84	893.96	860.09	878.63	-
Transportation services .....	47	11.22	11.28	11.95	12.04	-	417.38	423.00	448.13	450.30	-
Passenger transportation arrangement .....	472	10.35	10.34	11.34	11.47	-	368.46	377.41	407.11	409.48	-
Travel agencies .....	4724	10.33	10.28	11.47	11.61	-	366.72	374.19	415.21	416.80	-
Freight transportation arrangement .....	473	12.50	12.64	13.00	13.05	-	480.00	486.64	509.60	510.26	-
Communications .....	48	15.07	15.12	15.48	15.48	-	592.25	594.22	616.10	614.56	-
Telephone communications .....	481	15.79	15.78	16.13	16.13	-	644.23	643.82	672.62	669.40	-
Telephone communications, except radio .....	4813	16.00	16.06	16.48	16.52	-	654.40	653.64	688.86	685.58	-
Radio and television broadcasting .....	483	14.65	14.77	15.27	15.29	-	503.96	515.47	526.82	525.98	-
Cable and other pay television services .....	484	11.54	11.75	11.84	11.96	-	448.91	452.38	462.94	466.44	-
Electric, gas, and sanitary services .....	49	16.95	17.15	17.61	17.57	-	718.68	737.45	748.43	744.97	-
Electric services .....	491	17.60	17.68	18.34	18.23	-	737.44	753.17	775.78	765.66	-
Gas production and distribution .....	492	16.56	16.83	17.11	17.12	-	722.02	733.79	740.86	737.87	-
Combination utility services .....	493	20.16	20.63	21.15	21.06	-	866.88	907.72	900.99	909.79	-
Sanitary services .....	495	12.16	12.12	12.55	12.62	-	516.80	519.95	535.89	532.56	-
<b>Wholesale trade .....</b>		<b>11.85</b>	<b>11.95</b>	<b>12.11</b>	<b>12.16</b>	<b>\$12.25</b>	<b>453.86</b>	<b>456.49</b>	<b>463.81</b>	<b>466.94</b>	<b>\$467.95</b>
Durable goods .....	50	12.22	12.36	12.50	12.53	-	475.36	480.80	486.25	488.67	-
Motor vehicles, parts, and supplies .....	501	10.76	10.78	10.96	10.98	-	413.18	411.80	419.77	422.73	-
Furniture and home furnishings .....	502	10.69	10.82	11.09	11.13	-	406.22	402.50	418.09	420.71	-
Lumber and other construction materials .....	503	11.31	11.39	11.68	11.69	-	447.88	445.35	464.86	464.09	-
Professional and commercial equipment .....	504	14.70	14.96	14.92	14.97	-	573.30	589.42	580.39	582.33	-
Medical and hospital equipment .....	5047	13.26	13.33	13.08	13.17	-	509.18	518.54	500.96	499.14	-
Metals and minerals, except petroleum .....	505	12.14	12.25	12.38	12.34	-	498.95	501.03	508.82	509.64	-
Electrical goods .....	506	12.74	12.81	13.10	13.07	-	491.76	497.03	506.97	509.73	-
Hardware, plumbing, and heating equipment .....	507	11.51	11.64	11.90	11.92	-	446.59	451.63	461.72	466.07	-
Machinery, equipment, and supplies .....	508	12.17	12.27	12.63	12.71	-	478.28	483.44	496.36	499.50	-
Misc. wholesale trade durable goods .....	509	9.57	9.69	9.89	9.97	-	360.79	357.56	375.82	379.86	-
Nondurable goods .....	51	11.36	11.39	11.59	11.66	-	426.00	424.85	435.78	439.58	-
Paper and paper products .....	511	11.93	11.86	12.16	12.12	-	443.80	438.82	446.27	446.02	-
Drugs, proprietaries, and sundries .....	512	13.35	13.46	14.34	14.36	-	500.63	504.75	537.75	547.12	-
Apparel, piece goods, and notions .....	513	11.04	11.12	11.14	11.38	-	402.96	399.21	414.41	424.47	-
Groceries and related products .....	514	11.62	11.66	11.90	11.90	-	446.21	443.08	461.72	461.72	-
Farm-product raw materials .....	515	8.44	8.52	8.66	8.69	-	289.49	291.38	310.03	296.33	-
Chemicals and allied products .....	516	13.09	13.16	13.27	13.27	-	523.60	526.40	522.84	524.17	-
Petroleum and petroleum products .....	517	10.70	10.79	10.94	10.98	-	403.39	413.26	411.34	417.24	-
Beer, wine, and distilled beverages .....	518	13.22	12.93	13.19	13.43	-	490.46	470.65	485.39	496.91	-
Misc. wholesale trade nondurable goods .....	519	9.56	9.64	9.68	9.80	-	350.85	352.82	353.32	358.68	-
<b>Retail trade .....</b>		<b>7.36</b>	<b>7.45</b>	<b>7.57</b>	<b>7.59</b>	<b>7.66</b>	<b>215.65</b>	<b>210.09</b>	<b>217.26</b>	<b>222.39</b>	<b>217.54</b>
Building materials and garden supplies .....	52	8.75	8.81	8.96	8.95	-	315.88	314.52	322.56	321.31	-
Lumber and other building materials .....	521	9.08	9.08	9.24	9.27	-	344.13	338.68	350.20	349.48	-
Paint, glass, and wallpaper stores .....	523	9.42	9.38	9.55	9.52	-	340.06	340.49	346.67	343.67	-
Hardware stores .....	525	7.55	7.62	7.62	7.64	-	243.11	243.84	243.84	246.77	-
Retail nurseries and garden stores .....	526	7.59	7.92	8.03	7.93	-	252.75	257.40	256.96	252.17	-
General merchandise stores .....	53	7.27	7.41	7.41	7.43	-	226.10	206.00	217.85	229.59	-
Department stores .....	531	7.27	7.39	7.39	7.43	-	226.82	205.44	218.01	230.33	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>
<b>Retail trade—Continued</b>											
General merchandise stores—Continued											
Variety stores .....	533	29.8	27.4	27.7	29.6	-	-	-	-	-	-
Misc. general merchandise stores .....	539	30.9	28.2	29.7	31.5	-	-	-	-	-	-
Food stores											
Grocery stores .....	541	29.8	29.3	29.7	29.8	-	-	-	-	-	-
Retail bakeries .....	546	29.2	27.7	28.2	29.3	-	-	-	-	-	-
Automotive dealers and service stations											
New and used car dealers .....	551	37.2	37.2	36.9	37.0	-	-	-	-	-	-
Auto and home supply stores .....	553	37.2	37.0	37.9	37.6	-	-	-	-	-	-
Gasoline service stations .....	554	33.2	33.3	32.7	32.8	-	-	-	-	-	-
Automotive dealers, nec .....	559	34.3	34.7	33.7	32.9	-	-	-	-	-	-
Apparel and accessory stores											
Men's and boys' clothing stores .....	561	30.5	28.3	28.6	30.3	-	-	-	-	-	-
Women's clothing stores .....	562	24.6	22.1	23.5	24.7	-	-	-	-	-	-
Family clothing stores .....	565	28.5	25.6	26.9	28.1	-	-	-	-	-	-
Shoe stores .....	566	27.4	26.1	26.2	27.6	-	-	-	-	-	-
Furniture and home furnishings stores											
Furniture and home furnishings stores .....	571	33.7	32.9	33.1	33.7	-	-	-	-	-	-
Household appliance stores .....	572	35.3	34.2	33.7	36.3	-	-	-	-	-	-
Radio, television, and computer stores .....	573	34.1	33.0	31.4	32.8	-	-	-	-	-	-
Radio, television, and electronic stores .....	5731	34.7	32.7	31.3	33.5	-	-	-	-	-	-
Record and prerecorded tape stores .....	5735	30.3	29.0	26.1	27.3	-	-	-	-	-	-
Eating and drinking places <sup>4</sup> .....	58	25.1	24.5	25.0	25.2	-	-	-	-	-	-
Miscellaneous retail establishments											
Drug stores and proprietary stores .....	591	28.3	28.2	28.4	28.9	-	-	-	-	-	-
Used merchandise stores .....	593	32.4	32.3	31.3	31.7	-	-	-	-	-	-
Miscellaneous shopping goods stores .....	594	30.0	27.2	27.2	29.9	-	-	-	-	-	-
Nonstore retailers .....	596	35.5	33.5	33.9	34.3	-	-	-	-	-	-
Fuel dealers .....	598	39.2	41.7	38.5	39.6	-	-	-	-	-	-
Retail stores, nec .....	599	31.8	30.2	30.9	32.2	-	-	-	-	-	-
Optical goods stores .....	5995	32.3	32.4	32.7	32.7	-	-	-	-	-	-
Miscellaneous retail stores, nec .....	5999	31.7	30.9	31.2	32.0	-	-	-	-	-	-
<b>Finance, insurance, and real estate<sup>5</sup></b> .....		<b>35.7</b>	<b>36.4</b>	<b>35.5</b>	<b>35.7</b>	<b>36.4</b>	-	-	-	-	-
Depository institutions											
Commercial banks .....	602	34.8	35.5	35.0	35.2	-	-	-	-	-	-
State commercial banks .....	6022	35.2	36.1	35.4	35.5	-	-	-	-	-	-
National and commercial banks, nec .....	6021,9	34.5	35.1	34.7	35.0	-	-	-	-	-	-
Credit unions .....	606	35.4	36.0	35.5	35.9	-	-	-	-	-	-
Nondepository institutions											
Personal credit institutions .....	614	38.3	38.0	37.6	38.8	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services .....	628	36.1	37.1	36.0	36.6	-	-	-	-	-	-
Insurance carriers											
Life insurance .....	631	37.3	37.7	37.3	37.2	-	-	-	-	-	-
Medical service and health insurance .....	632	38.5	39.0	38.1	38.3	-	-	-	-	-	-
Hospital and medical service plans .....	6324	38.2	38.9	37.8	37.9	-	-	-	-	-	-
Fire, marine, and casualty insurance .....	633	37.4	37.9	37.4	38.0	-	-	-	-	-	-
<b>Services</b> .....		<b>32.4</b>	<b>32.5</b>	<b>32.4</b>	<b>32.4</b>	<b>32.4</b>	-	-	-	-	-
Agricultural services											
Veterinary services .....	074	28.1	28.2	28.4	28.3	-	-	-	-	-	-
Landscape and horticultural services .....	078	34.9	34.2	35.4	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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Retail trade—Continued</b>											
General merchandise stores—Continued											
Variety stores .....	533	\$6.48	\$6.78	\$7.21	\$7.06	-	\$193.10	\$185.77	\$199.72	\$208.98	-
Misc. general merchandise stores .....	539	7.89	8.10	7.75	7.65	-	243.80	228.42	230.18	240.98	-
Food stores .....											
Food stores .....	54	7.84	7.87	8.01	8.01	-	232.85	229.80	236.30	238.70	-
Grocery stores .....	541	7.95	7.96	8.11	8.13	-	236.91	233.23	240.87	242.27	-
Retail bakeries .....	546	6.91	6.95	7.11	7.15	-	201.77	192.52	200.50	209.50	-
Automotive dealers and service stations .....											
Automotive dealers and service stations .....	55	9.74	9.77	10.15	10.15	-	348.69	349.77	362.36	362.36	-
New and used car dealers .....	551	12.06	12.08	12.69	12.66	-	448.63	449.38	468.26	468.42	-
Auto and home supply stores .....	553	8.37	8.40	8.56	8.57	-	311.36	310.80	324.42	322.23	-
Gasoline service stations .....	554	6.76	6.78	6.83	6.88	-	224.43	225.77	223.34	225.66	-
Automotive dealers, nec .....	559	10.48	10.49	11.48	11.70	-	359.46	364.00	386.88	384.93	-
Apparel and accessory stores .....											
Apparel and accessory stores .....	56	6.98	7.19	7.26	7.24	-	189.86	179.03	187.31	196.20	-
Men's and boys' clothing stores .....	561	8.41	8.69	8.49	8.55	-	256.51	245.93	242.81	259.07	-
Women's clothing stores .....	562	6.55	6.79	6.85	6.79	-	161.13	150.06	160.98	167.71	-
Family clothing stores .....	565	6.68	7.05	7.15	7.09	-	190.38	180.48	192.34	199.23	-
Shoe stores .....	566	7.45	7.31	7.51	7.60	-	204.13	190.79	196.76	209.76	-
Furniture and home furnishings stores .....											
Furniture and home furnishings stores .....	57	9.70	9.69	9.99	10.08	-	329.80	319.77	324.68	338.69	-
Furniture and home furnishings stores .....	571	9.57	9.57	9.82	9.84	-	322.51	314.85	325.04	331.61	-
Household appliance stores .....	572	10.18	9.87	9.83	10.25	-	359.35	337.55	331.27	372.08	-
Radio, television, and computer stores .....	573	9.78	9.82	10.27	10.38	-	333.50	324.06	322.48	340.46	-
Radio, television, and electronic stores .....	5731	10.16	9.81	10.08	10.78	-	352.55	320.79	315.50	361.13	-
Record and prerecorded tape stores .....	5735	5.81	5.99	6.05	5.95	-	176.04	173.71	157.91	162.44	-
Eating and drinking places <sup>4</sup> .....											
Eating and drinking places <sup>4</sup> .....	58	5.43	5.43	5.54	5.59	-	136.29	133.04	138.50	140.87	-
Miscellaneous retail establishments .....											
Miscellaneous retail establishments .....	59	7.93	8.19	8.19	8.17	-	244.24	239.97	240.79	251.64	-
Drug stores and proprietary stores .....	591	8.21	8.23	8.57	8.55	-	232.34	232.09	243.39	247.10	-
Used merchandise stores .....	593	6.87	6.92	6.90	7.07	-	222.59	223.52	215.97	224.12	-
Miscellaneous shopping goods stores .....	594	7.24	7.60	7.47	7.46	-	217.20	206.72	203.18	223.05	-
Nonstore retailers .....	596	8.60	8.79	8.72	8.85	-	305.30	294.47	295.61	303.56	-
Fuel dealers .....	598	11.39	11.81	11.54	11.69	-	446.49	492.48	444.29	462.92	-
Retail stores, nec .....	599	8.14	8.27	8.39	8.34	-	258.85	249.75	259.25	268.55	-
Optical goods stores .....	5995	10.15	10.20	10.76	10.75	-	327.85	330.48	351.85	351.53	-
Miscellaneous retail stores, nec .....	5999	8.50	8.62	8.72	8.70	-	269.45	266.36	272.06	278.40	-
<b>Finance, insurance, and real estate<sup>5</sup> .....</b>											
<b>Finance, insurance, and real estate<sup>5</sup> .....</b>											
<b>Finance, insurance, and real estate<sup>5</sup> .....</b>											
Depository institutions .....	60	9.19	9.32	9.50	9.52	-	321.65	331.79	333.45	336.06	-
Commercial banks .....	602	8.75	8.89	9.08	9.11	-	304.50	315.60	317.80	320.67	-
State commercial banks .....	6022	8.64	8.72	8.93	8.94	-	304.13	314.79	316.12	317.37	-
National and commercial banks, nec .....	6021,9	8.83	9.02	9.20	9.23	-	304.64	316.60	319.24	323.05	-
Credit unions .....	606	9.13	9.31	9.38	9.38	-	323.20	335.16	332.99	336.74	-
Nondepository institutions .....											
Nondepository institutions .....	61	12.80	12.93	12.16	12.19	-	486.40	497.81	452.35	460.78	-
Personal credit institutions .....	614	10.00	10.12	10.11	10.09	-	383.00	384.56	380.14	391.49	-
Security and commodity brokers:											
Security and commodity services .....	628	15.82	16.17	16.66	16.62	-	571.10	599.91	599.76	608.29	-
Insurance carriers .....											
Insurance carriers .....	63	13.68	13.68	14.25	14.37	-	515.74	525.31	535.80	543.19	-
Life insurance .....	631	13.26	13.15	13.66	13.72	-	494.60	495.76	509.52	510.38	-
Medical service and health insurance .....	632	12.92	13.14	13.67	13.88	-	497.42	512.46	520.83	531.60	-
Hospital and medical service plans .....	6324	13.31	13.48	14.01	14.31	-	508.44	524.37	529.58	542.35	-
Fire, marine, and casualty insurance .....	633	14.51	14.34	15.08	15.11	-	542.67	543.49	563.99	574.18	-
<b>Services .....</b>											
<b>Services .....</b>											
<b>Services .....</b>											
Agricultural services .....	07	8.73	8.78	8.75	8.84	-	285.47	281.84	292.25	290.84	-
Veterinary services .....	074	8.26	8.30	8.60	8.62	-	232.11	234.06	244.24	243.95	-
Landscape and horticultural services .....	078	9.00	9.10	8.88	9.02	-	314.10	311.22	314.35	315.70	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>P</sup>	Jan. 1995 <sup>P</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>P</sup>	Jan. 1995 <sup>P</sup>
<b>Services—Continued</b>											
Hotels and other lodging places:											
Hotels and motels <sup>1</sup> .....	701	29.9	30.2	30.6	29.9	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services .....	721	33.9	33.0	33.9	34.1	-	-	-	-	-	-
Beauty shops <sup>1</sup> .....	723	29.0	27.7	28.4	28.6	-	-	-	-	-	-
Miscellaneous personal services .....	729	23.2	19.9	25.7	23.6	-	-	-	-	-	-
Business services .....											
Advertising .....	731	36.6	37.0	36.8	36.8	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services .....	7334	37.6	37.2	37.4	37.6	-	-	-	-	-	-
Services to buildings .....											
Disinfecting and pest control services .....	7342	37.0	37.5	37.1	37.2	-	-	-	-	-	-
Building maintenance services, nec .....	7349	28.0	27.9	28.0	28.2	-	-	-	-	-	-
Miscellaneous equipment rental and leasing .....											
Medical equipment rental .....	7352	38.6	39.1	37.9	37.6	-	-	-	-	-	-
Heavy construction equipment rental .....	7353	39.6	39.1	40.2	40.8	-	-	-	-	-	-
Equipment rental and leasing, nec .....	7359	38.9	38.6	38.5	38.8	-	-	-	-	-	-
Personnel supply services:											
Help supply services .....	7363	32.0	31.8	31.6	32.1	-	-	-	-	-	-
Computer and data processing services .....	737	37.9	38.4	37.5	37.6	-	-	-	-	-	-
Computer programming services .....	7371	38.3	38.3	37.5	37.5	-	-	-	-	-	-
Computer integrated systems design .....	7373	38.1	39.1	37.6	37.7	-	-	-	-	-	-
Information retrieval services .....	7375	38.7	38.1	36.6	37.2	-	-	-	-	-	-
Computer maintenance and repair .....	7378	39.3	39.6	39.5	39.8	-	-	-	-	-	-
Miscellaneous business services .....											
Detective and armored car services .....	7381	33.9	34.0	33.5	33.9	-	-	-	-	-	-
Security systems services .....	7382	35.8	36.1	36.1	36.6	-	-	-	-	-	-
Auto repair, services, and parking .....											
Automotive rentals, without drivers .....	751	36.9	36.6	36.1	36.2	-	-	-	-	-	-
Passenger car rental .....	7514	36.0	35.7	35.6	35.9	-	-	-	-	-	-
Automobile parking .....	752	34.3	34.1	33.2	33.3	-	-	-	-	-	-
Automotive repair shops .....	753	38.2	38.4	38.0	38.2	-	-	-	-	-	-
Automotive and tire repair shops .....	7532,4	37.4	37.3	37.2	37.8	-	-	-	-	-	-
General automotive repair shops .....	7538	38.1	38.5	37.6	37.7	-	-	-	-	-	-
Automotive services, except repair .....	754	30.7	30.5	30.7	30.8	-	-	-	-	-	-
Carwashes .....	7542	28.1	27.9	27.7	28.0	-	-	-	-	-	-
Miscellaneous repair services .....											
Motion pictures .....	78	28.3	28.5	30.0	29.8	-	-	-	-	-	-
Motion picture production and services .....	781	38.8	38.7	38.1	38.2	-	-	-	-	-	-
Video tape rental .....	784	22.7	23.2	22.1	22.1	-	-	-	-	-	-
Amusement and recreation services .....											
Bowling centers .....	793	24.5	24.6	24.6	24.5	-	-	-	-	-	-
Misc. amusement and recreation services .....	799	26.4	25.6	25.6	26.4	-	-	-	-	-	-
Physical fitness facilities .....	7991	18.0	18.4	19.2	19.2	-	-	-	-	-	-
Membership sports and recreation clubs .....	7997	29.4	27.5	27.7	29.6	-	-	-	-	-	-
Health services .....											
Offices and clinics of medical doctors .....	801	32.4	32.5	32.5	32.5	-	-	-	-	-	-
Offices and clinics of dentists .....	802	28.6	28.4	28.1	28.1	-	-	-	-	-	-
Offices and clinics of other health practitioners .....	804	29.8	30.3	29.8	29.8	-	-	-	-	-	-
Nursing and personal care facilities .....	805	32.0	32.6	32.2	32.3	-	-	-	-	-	-
Intermediate care facilities .....	8052	31.5	31.8	31.6	31.7	-	-	-	-	-	-
Hospitals .....	806	34.7	34.9	34.6	34.5	-	-	-	-	-	-
Home health care services .....	808	27.9	28.3	28.3	28.4	-	-	-	-	-	-
Legal services .....											
Legal services .....	81	34.7	35.3	34.5	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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Services—Continued</b>											
Hotels and other lodging places:											
Hotels and motels <sup>a</sup> .....	701	\$7.82	\$7.78	\$7.84	\$8.05	-	\$233.82	\$234.96	\$239.90	\$240.70	-
Personal services:											
Laundry, cleaning, and garment services .....	721	7.27	7.26	7.40	7.38	-	246.45	239.58	250.86	251.66	-
Beauty shops <sup>a</sup> .....	723	8.10	7.85	8.25	8.50	-	234.90	217.45	234.30	243.10	-
Miscellaneous personal services .....	729	7.64	6.91	8.17	7.97	-	177.25	137.51	209.97	188.09	-
Business services .....	73	10.20	10.37	10.39	10.46	-	338.64	345.32	342.87	348.32	-
Advertising .....	731	15.30	15.52	15.65	15.43	-	559.98	574.24	575.92	567.82	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services .....	7334	9.68	9.75	9.97	10.12	-	363.97	362.70	372.88	380.51	-
Services to buildings .....	734	7.43	7.41	7.46	7.44	-	213.24	211.93	214.10	215.02	-
Disinfecting and pest control services .....	7342	9.64	9.80	9.86	9.74	-	356.68	367.50	365.81	362.33	-
Building maintenance services, nec .....	7349	7.19	7.14	7.19	7.18	-	201.32	199.21	201.32	202.48	-
Miscellaneous equipment rental and leasing .....	735	10.80	10.79	11.01	11.13	-	421.20	418.65	427.19	434.07	-
Medical equipment rental .....	7352	10.57	10.59	10.44	10.52	-	408.00	414.07	395.68	395.55	-
Heavy construction equipment rental .....	7353	14.27	14.08	14.57	14.78	-	565.09	550.53	585.71	603.02	-
Equipment rental and leasing, nec .....	7359	9.85	9.91	10.03	10.15	-	383.17	382.53	386.16	393.82	-
Personnel supply services:											
Help supply services .....	7363	8.28	8.38	8.52	8.65	-	264.96	266.48	269.23	277.67	-
Computer and data processing services .....	737	16.75	16.88	17.17	17.15	-	634.83	648.19	643.88	644.84	-
Computer programming services .....	7371	19.38	19.38	20.08	20.08	-	742.25	742.25	753.00	753.00	-
Computer integrated systems design .....	7373	17.51	17.83	18.55	18.49	-	667.13	697.15	697.48	697.07	-
Information retrieval services .....	7375	14.28	14.29	14.48	14.14	-	552.64	544.45	529.97	526.01	-
Computer maintenance and repair .....	7378	13.75	13.78	14.12	14.30	-	540.38	545.69	557.74	569.14	-
Miscellaneous business services .....	738	8.78	8.82	8.96	8.96	-	295.01	295.47	298.37	300.16	-
Detective and armored car services .....	7381	6.88	6.86	7.02	7.02	-	233.23	233.24	235.17	237.98	-
Security systems services .....	7382	11.13	11.08	11.04	10.92	-	398.45	399.99	398.54	399.67	-
Auto repair, services, and parking .....											
Automotive rentals, without drivers .....	751	9.31	9.25	9.61	9.65	-	343.54	338.55	346.92	349.33	-
Passenger car rental .....	7514	8.42	8.33	8.65	8.62	-	303.12	297.38	307.94	309.46	-
Automobile parking .....	752	6.93	6.98	7.22	7.41	-	237.70	238.02	239.70	246.75	-
Automotive repair shops .....	753	10.47	10.48	10.79	10.90	-	399.95	402.43	410.02	416.38	-
Automotive and tire repair shops .....	7532,4	11.06	11.08	11.38	11.47	-	413.64	413.28	423.34	433.57	-
General automotive repair shops .....	7538	10.46	10.47	10.83	11.00	-	398.53	403.10	407.21	414.70	-
Automotive services, except repair .....	754	7.15	7.04	7.23	7.32	-	219.51	214.72	221.96	225.46	-
Carwashes .....	7542	6.33	6.24	6.32	6.31	-	177.87	174.10	175.06	176.68	-
Miscellaneous repair services .....	76	11.21	11.26	11.47	11.45	-	428.22	426.75	437.01	439.68	-
Motion pictures .....											
Motion picture production and services .....	781	19.63	18.69	20.28	20.22	-	761.64	723.30	772.67	772.40	-
Video tape rental .....	784	5.64	5.64	5.76	5.80	-	128.03	130.85	127.30	128.18	-
Amusement and recreation services .....											
Bowling centers .....	793	6.59	6.59	6.66	6.70	-	161.46	162.11	163.84	164.15	-
Misc. amusement and recreation services .....	799	8.35	8.32	8.45	8.54	-	220.44	212.99	216.32	225.46	-
Physical fitness facilities .....	7991	7.83	8.07	7.96	8.00	-	140.94	148.49	152.83	153.60	-
Membership sports and recreation clubs .....	7997	8.42	8.40	8.48	8.66	-	247.55	231.00	234.90	256.34	-
Health services .....											
Offices and clinics of medical doctors .....	801	12.11	12.15	12.30	12.32	-	392.36	394.88	399.75	400.40	-
Offices and clinics of dentists .....	802	11.75	11.74	12.15	12.23	-	336.05	333.42	341.42	343.66	-
Offices and clinics of other health practitioners .....	804	10.53	10.65	10.95	11.00	-	313.79	322.70	326.31	327.80	-
Nursing and personal care facilities .....	805	8.32	8.36	8.57	8.60	-	266.24	272.54	275.95	277.78	-
Intermediate care facilities .....	8052	7.74	7.81	8.02	8.04	-	243.81	248.36	253.43	254.87	-
Hospitals .....	806	13.69	13.72	14.01	14.08	-	475.04	478.83	484.75	485.76	-
Home health care services .....	808	10.55	10.55	10.78	10.81	-	294.35	298.57	305.07	307.00	-
Legal services .....	81	15.39	15.57	15.86	15.95	-	534.03	549.62	547.17	553.47	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>a</sup>	Jan. 1995 <sup>a</sup>
<b>Services—Continued</b>											
Social services .....	83	31.1	31.4	31.1	31.0	-	-	-	-	-	-
Individual and family services .....	832	32.0	32.4	31.7	31.7	-	-	-	-	-	-
Job training and related services .....	833	30.6	30.8	31.2	30.9	-	-	-	-	-	-
Child day care services .....	835	29.2	29.3	29.3	29.4	-	-	-	-	-	-
Residential care .....	836	31.8	32.3	31.8	31.8	-	-	-	-	-	-
Social services, nec .....	839	32.0	32.0	31.6	31.4	-	-	-	-	-	-
Membership organizations:											
Professional organizations .....	862	34.9	35.9	34.8	34.6	-	-	-	-	-	-
Engineering and management services .....	87	36.8	37.4	36.9	37.0	-	-	-	-	-	-
Engineering and architectural services .....	871	38.7	38.9	38.9	38.9	-	-	-	-	-	-
Engineering services .....	8711	38.9	39.1	39.0	39.1	-	-	-	-	-	-
Architectural services .....	8712	38.0	38.8	38.3	38.3	-	-	-	-	-	-
Surveying services .....	8713	37.8	37.6	37.9	38.4	-	-	-	-	-	-
Accounting, auditing, and bookkeeping .....	872	36.3	37.5	36.0	36.7	-	-	-	-	-	-
Research and testing services .....	873	36.4	36.7	35.9	36.0	-	-	-	-	-	-
Commercial physical research .....	8731	38.7	39.1	38.6	39.0	-	-	-	-	-	-
Commercial nonphysical research .....	8732	30.1	30.3	28.8	28.5	-	-	-	-	-	-
Noncommercial research organizations .....	8733	35.8	36.4	36.0	36.2	-	-	-	-	-	-
Management and public relations .....	874	35.4	35.9	35.8	35.8	-	-	-	-	-	-
Management services .....	8741	34.3	35.0	35.4	35.5	-	-	-	-	-	-
Management consulting services .....	8742	36.1	36.8	35.7	35.8	-	-	-	-	-	-
Public relations services .....	8743	32.8	32.0	32.1	31.9	-	-	-	-	-	-
Services, nec .....	89	35.8	36.9	38.4	38.0	-	-	-	-	-	-

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				
		Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Services—Continued</b>											
Social services .....	83	\$7.98	\$8.08	\$8.20	\$8.24	-	\$248.18	\$253.71	\$255.02	\$255.44	-
Individual and family services .....	832	8.52	8.70	8.70	8.70	-	272.64	281.88	275.79	275.79	-
Job training and related services .....	833	7.86	7.97	8.10	8.19	-	240.52	245.48	252.72	253.07	-
Child day care services .....	835	6.78	6.80	6.93	6.99	-	197.98	199.24	203.05	205.51	-
Residential care .....	836	8.16	8.21	8.43	8.46	-	259.49	265.18	268.07	269.03	-
Social services, nec .....	839	9.10	9.28	9.49	9.61	-	291.20	296.96	299.88	301.75	-
Membership organizations:											
Professional organizations .....	862	15.35	15.47	15.67	15.71	-	535.72	555.37	545.32	543.57	-
Engineering and management services .....											
Engineering and architectural services .....	87	15.23	15.39	15.50	15.58	-	560.46	575.59	571.95	576.46	-
Engineering services .....	871	16.40	16.58	16.78	16.84	-	634.68	644.96	652.74	655.08	-
Architectural services .....	8711	17.03	17.23	17.45	17.51	-	662.47	673.69	680.55	684.64	-
Architectural services .....	8712	15.01	15.16	15.18	15.27	-	570.38	588.21	581.39	584.84	-
Surveying services .....	8713	11.71	11.75	12.08	12.08	-	442.64	441.80	457.83	463.87	-
Accounting, auditing, and bookkeeping .....	872	13.08	13.20	13.70	13.73	-	474.80	495.00	493.20	503.89	-
Research and testing services .....	873	16.33	16.61	16.41	16.55	-	594.41	609.59	589.12	595.80	-
Commercial physical research .....	8731	18.31	18.63	18.82	18.77	-	708.60	728.43	726.45	732.03	-
Commercial nonphysical research .....	8732	12.34	12.86	11.59	12.02	-	371.43	389.66	333.79	342.57	-
Noncommercial research organizations .....	8733	18.18	18.22	18.07	18.27	-	650.84	663.21	650.52	661.37	-
Management and public relations .....	874	14.32	14.48	14.33	14.44	-	506.93	519.83	513.01	516.95	-
Management services .....	8741	12.91	13.16	13.07	13.12	-	442.81	460.60	462.68	465.76	-
Management consulting services .....	8742	16.59	16.86	16.65	16.74	-	598.90	620.45	594.41	599.29	-
Public relations services .....	8743	13.87	13.73	13.39	13.59	-	454.94	439.36	429.82	433.52	-
Services, nec .....	89	15.64	16.07	14.72	14.93	-	559.91	592.98	565.25	567.34	-

<sup>1</sup> Data relate to production workers in mining and manufacturing; construction workers in construction; and nonsupervisory workers in transportation and public utilities; wholesale and retail trade; finance, insurance, and real estate; and services.

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

<sup>3</sup> Data relate to line-haul railroads with operating revenues of \$50,000,000 or more.

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

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

- Data not available.

<sup>p</sup> = preliminary.

NOTE: Establishment survey estimates are currently projected from March 1993 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1993 forward are subject to revision.

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

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

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

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

Series	Aircraft (SIC 3721)				Guided missiles and space vehicles (SIC 3761)			
	Nov. 1993	Dec. 1993	Nov. 1994	Dec. 1994 <sup>p</sup>	Nov. 1993	Dec. 1993	Nov. 1994	Dec. 1994 <sup>p</sup>
Average hourly earnings, excluding lump-sum payments .....	\$18.94	\$19.18	\$19.90	\$20.12	\$17.64	\$18.02	\$18.48	\$18.74
Average hourly earnings, including lump-sum payments .....	18.97	19.22	20.00	20.19	17.67	18.14	18.54	18.81

<sup>p</sup> = preliminary.

**ESTABLISHMENT DATA  
EARNINGS  
NOT SEASONALLY ADJUSTED**

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

Industry	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Manufacturing</b> .....	\$11.36	\$11.38	\$11.50	\$11.57	\$11.62
<b>Durable goods</b> .....	11.91	11.92	12.03	12.10	12.14
Lumber and wood products .....	9.23	9.29	9.40	9.45	(9)
Furniture and fixtures .....	9.03	9.07	9.28	9.32	(9)
Stone, clay, and glass products .....	11.28	11.33	11.44	11.49	(9)
Primary metal industries .....	13.34	13.25	13.39	13.45	(9)
Fabricated metal products .....	11.23	11.26	11.31	11.35	(9)
Industrial machinery and equipment .....	12.20	12.19	12.32	12.33	(9)
Electronic and other electrical equipment .....	10.92	10.89	10.95	10.96	(9)
Transportation equipment .....	15.34	15.32	15.48	15.61	(9)
Instruments and related products .....	11.98	12.00	12.03	12.07	(9)
Miscellaneous manufacturing .....	9.20	9.24	9.35	9.51	(9)
<b>Nondurable goods</b> .....	10.62	10.65	10.77	10.84	\$10.89
Food and kindred products .....	10.06	10.07	10.18	10.27	(9)
Tobacco products .....	16.06	16.22	18.00	17.24	(9)
Textile mill products .....	8.51	8.58	8.77	8.79	(9)
Apparel and other textile products .....	7.05	7.05	7.23	7.25	(9)
Paper and allied products .....	12.80	12.81	13.04	13.09	(9)
Printing and publishing .....	11.59	11.60	11.64	11.72	(9)
Chemicals and allied products .....	14.24	14.25	14.47	14.56	(9)
Petroleum and coal products .....	17.66	17.65	17.92	18.13	(9)
Rubber and misc. plastics products .....	10.11	10.17	10.12	10.21	(9)
Leather and leather products .....	7.62	7.65	7.77	7.80	(9)

<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 1993 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1993 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				
	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>	Dec. 1993	Jan. 1994	Nov. 1994	Dec. 1994 <sup>p</sup>	Jan. 1995 <sup>p</sup>
<b>Total private:</b>										
Current dollars .....	\$10.97	\$11.06	\$11.26	\$11.27	\$11.37	\$380.66	\$379.36	\$388.47	\$392.20	\$391.13
Constant (1982) dollars .....	7.42	7.46	7.41	7.42	( <sup>2</sup> )	257.38	255.98	255.57	258.20	( <sup>2</sup> )
<b>Mining:</b>										
Current dollars .....	14.67	15.06	14.97	15.10	\$15.24	654.28	664.15	679.64	681.01	\$681.23
Constant (1982) dollars .....	9.92	10.16	9.85	9.94	( <sup>2</sup> )	442.38	448.14	447.13	448.33	( <sup>2</sup> )
<b>Construction:</b>										
Current dollars .....	14.46	14.41	14.85	14.80	\$14.66	553.82	533.17	570.24	572.76	\$554.15
Constant (1982) dollars .....	9.78	9.72	9.77	9.74	( <sup>2</sup> )	374.46	359.76	375.16	377.06	( <sup>2</sup> )
<b>Manufacturing:</b>										
Current dollars .....	12.00	11.96	12.17	12.26	\$12.25	508.80	496.34	517.23	525.95	\$513.28
Constant (1982) dollars .....	8.11	8.07	8.01	8.07	( <sup>2</sup> )	344.02	334.91	340.28	346.25	( <sup>2</sup> )
<b>Transportation and public utilities:</b>										
Current dollars .....	13.74	13.83	14.09	14.09	\$14.18	546.85	547.67	560.78	559.37	\$560.11
Constant (1982) dollars .....	9.29	9.33	9.27	9.28	( <sup>2</sup> )	369.74	369.55	368.93	368.25	( <sup>2</sup> )
<b>Wholesale trade:</b>										
Current dollars .....	11.85	11.95	12.11	12.16	\$12.25	453.86	456.49	463.81	466.94	\$467.95
Constant (1982) dollars .....	8.01	8.06	7.97	8.01	( <sup>2</sup> )	306.87	308.02	305.14	307.40	( <sup>2</sup> )
<b>Retail trade:</b>										
Current dollars .....	7.36	7.45	7.57	7.59	\$7.66	215.65	210.09	217.26	222.39	\$217.54
Constant (1982) dollars .....	4.98	5.03	4.98	5.00	( <sup>2</sup> )	145.81	141.76	142.93	146.41	( <sup>2</sup> )
<b>Finance, insurance, and real estate:</b>										
Current dollars .....	11.65	11.79	11.97	12.02	\$12.19	415.91	429.16	424.94	429.11	\$443.72
Constant (1982) dollars .....	7.88	7.96	7.88	7.91	( <sup>2</sup> )	281.21	289.58	279.57	282.50	( <sup>2</sup> )
<b>Services:</b>										
Current dollars .....	10.98	11.06	11.23	11.30	\$11.43	355.75	359.45	363.85	366.12	\$370.33
Constant (1982) dollars .....	7.42	7.46	7.39	7.44	( <sup>2</sup> )	240.53	242.54	239.38	241.03	( <sup>2</sup> )

<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.  
<sup>p</sup> = 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 1993 benchmark levels. When more recent benchmark data are introduced, all unadjusted data from April 1993 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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Alabama</b> .....	42.2	42.2	42.7	\$10.70	\$10.88	\$11.03	\$451.54	\$459.14	\$470.98
Birmingham .....	43.3	42.3	42.7	11.67	11.85	11.93	505.31	501.26	509.41
Mobile .....	43.8	43.8	44.5	13.03	13.15	13.49	570.71	575.97	600.31
<b>Alaska</b> .....	38.2	36.1	34.1	11.88	12.91	12.98	453.82	466.05	442.62
<b>Arizona</b> .....	41.5	42.2	42.0	11.21	10.98	11.07	465.21	463.36	464.94
<b>Arkansas</b> .....	42.3	41.8	43.0	9.57	9.75	9.78	404.81	407.55	420.54
Fayetteville-Springdale-Rogers .....	42.9	41.7	42.7	9.53	9.62	9.64	408.84	401.15	411.63
Fort Smith .....	42.3	41.6	43.5	9.72	9.61	9.70	411.16	399.78	421.95
Little Rock-North Little Rock .....	42.5	41.9	42.0	10.35	10.39	10.46	439.88	435.34	439.32
Pine Bluff .....	44.5	42.2	40.5	10.78	11.47	11.38	479.71	484.03	460.89
<b>California</b> .....	41.8	41.9	42.4	12.55	12.55	12.64	524.59	525.85	535.94
Bakersfield .....	39.8	41.3	41.5	12.50	12.61	12.60	497.50	520.79	522.90
Fresno .....	41.6	42.4	42.8	10.73	10.73	10.79	446.37	454.95	461.81
Los Angeles-Long Beach .....	42.0	42.3	42.5	11.86	11.66	11.80	498.12	493.22	501.50
Modesto .....	40.5	42.0	41.3	11.95	12.31	12.51	483.98	517.02	516.66
Oakland .....	41.4	42.4	43.0	14.73	15.61	15.39	609.82	661.86	661.77
Orange County .....	41.8	41.8	42.2	12.45	12.45	12.44	520.41	520.41	524.97
Riverside-San Bernardino .....	42.2	41.7	42.8	11.32	11.49	11.46	477.70	479.13	490.49
Sacramento .....	40.6	41.5	41.3	13.05	13.27	13.24	529.83	550.71	546.81
Salinas .....	38.7	38.2	37.3	12.99	13.15	13.18	502.71	502.33	491.61
San Diego .....	41.2	40.6	41.4	12.48	12.48	12.52	514.18	506.69	518.33
San Francisco .....	39.4	40.6	39.9	13.86	13.50	13.52	546.08	548.10	539.45
San Jose .....	42.6	42.3	42.5	15.10	15.31	15.34	643.26	647.61	651.95
Santa Barbara-Santa Maria-Lompoc .....	39.5	41.2	41.7	13.26	12.68	12.82	523.77	522.42	534.59
Santa Rosa .....	39.4	39.9	39.1	13.61	13.65	13.73	536.23	544.64	536.84
Stockton-Lodi .....	43.3	43.2	44.5	12.39	12.38	12.52	536.49	534.82	557.14
Vallejo-Fairfield-Napa .....	39.8	39.2	39.9	14.43	14.94	14.81	574.31	585.65	590.92
Ventura .....	41.4	42.4	42.9	11.86	12.11	12.14	491.00	513.46	520.81
<b>Colorado</b> .....	41.8	41.9	41.9	12.36	12.47	12.51	516.65	522.49	524.17
Denver .....	42.9	41.7	42.0	12.99	12.70	12.80	557.27	529.59	537.60
<b>Connecticut</b> .....	43.5	43.5	44.1	13.46	13.63	13.76	585.51	592.91	608.82
Bridgeport .....	43.5	43.1	43.6	13.75	14.01	14.11	598.13	603.83	615.20
Danbury .....	45.9	44.6	44.5	12.92	13.21	13.26	593.03	589.17	590.07
Hartford .....	43.8	43.6	44.2	14.33	14.18	14.28	627.65	618.25	631.18
New Haven-Meriden .....	41.9	42.6	43.3	13.27	12.84	12.96	556.01	546.98	561.17
Stamford-Norwalk .....	43.2	43.1	43.7	13.11	12.94	13.43	566.35	557.71	586.89
Waterbury .....	43.7	45.2	44.5	11.98	12.13	12.42	523.53	548.28	552.69
<b>Delaware</b> .....	45.4	43.8	42.9	14.32	14.16	14.10	650.13	620.21	604.89
Wilmington-Newark .....	48.1	45.4	44.1	16.74	16.96	16.75	805.19	769.98	738.68
<b>District of Columbia:</b>									
Washington PMSA .....	40.8	40.6	40.6	13.34	13.66	13.86	544.27	554.60	562.72
<b>Florida</b> .....	42.9	41.6	41.8	9.87	10.01	10.14	423.42	416.42	423.85
<b>Georgia</b> .....	42.5	42.6	43.2	10.21	10.49	10.46	433.93	446.87	451.87
Atlanta .....	42.2	42.8	43.1	11.22	11.60	11.61	473.48	496.48	500.39
Savannah .....	46.3	49.3	49.7	13.38	13.49	13.36	619.49	665.06	663.99
<b>Hawaii</b> .....	40.4	39.6	38.9	12.19	12.20	12.39	492.48	483.12	481.97
Honolulu .....	38.9	38.0	38.6	12.69	12.70	12.95	493.64	482.60	499.87
<b>Idaho</b> .....	39.9	39.7	39.5	12.07	11.73	11.43	481.59	465.68	451.49
<b>Illinois</b> .....	41.7	42.2	42.4	12.13	12.42	12.46	505.82	524.12	528.30
Bloomington-Normal .....	45.1	44.7	44.8	16.50	17.26	17.26	744.15	771.52	773.25
Champaign-Urbana .....	40.8	41.7	40.8	10.52	10.80	10.69	429.22	450.36	436.15
Chicago .....	42.2	42.4	42.5	12.16	12.37	12.39	513.15	524.49	526.58
Davenport-Moline-Rock Island .....	41.7	40.7	40.3	13.93	13.92	13.93	580.88	566.54	561.38
Decatur .....	43.1	42.1	41.8	15.30	14.37	14.43	659.43	604.98	603.17
Kankakee .....	41.9	42.1	42.1	12.95	13.53	13.57	542.61	569.61	571.30
Peoria-Pekin .....	41.5	41.4	41.1	14.92	14.98	15.02	619.18	620.17	617.32
Rockford .....	42.8	44.5	44.5	13.23	14.18	14.21	566.24	631.01	632.35
Springfield .....	39.9	39.6	40.9	11.84	11.68	11.83	472.42	462.53	483.85
<b>Indiana</b> .....	44.0	43.6	43.7	13.37	13.77	13.95	588.28	600.37	609.62
Bloomington .....	40.1	38.5	37.8	11.69	11.28	11.61	468.77	434.28	438.86
Elkhart-Goshen .....	40.0	40.2	40.8	11.31	11.20	11.30	452.40	450.24	461.04
Evansville-Henderson .....	43.4	44.8	44.8	13.20	13.40	13.73	572.88	600.32	615.10
Fort Wayne .....	44.2	43.8	45.2	13.40	13.89	14.34	592.28	608.38	648.17

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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Indiana—Continued</b>									
Gary .....	44.7	44.1	40.0	\$17.14	\$18.01	\$19.78	\$766.16	\$794.24	\$791.20
Indianapolis .....	45.1	43.7	45.5	14.79	14.69	14.72	667.03	641.95	669.76
Kokomo .....	47.9	47.1	48.6	18.87	19.42	19.44	903.87	914.68	944.78
Lafayette .....	41.2	42.7	42.9	13.87	14.80	14.52	571.44	631.96	622.91
Muncie .....	46.0	46.4	45.6	14.49	15.49	15.72	666.54	718.74	716.83
South Bend .....	43.2	40.7	42.4	12.01	13.06	13.08	518.83	531.54	554.59
Terre Haute .....	46.1	43.4	44.8	13.18	13.54	13.71	607.60	587.64	614.21
<b>Iowa</b>									
.....	42.7	43.6	43.0	12.55	12.40	12.53	535.89	540.64	538.79
Cedar Rapids .....	42.9	43.1	42.5	15.18	15.49	15.10	651.22	667.62	641.75
Des Moines .....	44.0	42.7	42.5	13.48	12.85	13.15	593.12	548.70	558.88
Dubuque .....	41.6	40.7	42.0	12.79	13.54	13.33	532.06	551.08	559.86
Sioux City .....	41.1	42.5	43.0	9.91	10.37	10.34	407.30	440.73	444.62
<b>Kansas</b>									
.....	42.0	41.4	41.6	12.08	12.38	12.47	507.36	512.53	518.75
Topeka .....	42.3	40.5	41.8	14.38	14.95	14.76	608.27	605.48	616.97
Wichita .....	42.1	40.8	41.6	14.09	14.32	14.49	593.19	584.26	602.78
<b>Kentucky</b>									
.....	41.6	41.6	41.6	11.62	12.12	12.11	483.39	504.19	503.78
Lexington .....	43.2	42.7	44.0	12.32	13.14	13.28	532.22	561.08	584.32
Louisville .....	42.5	42.4	41.9	13.38	14.01	13.97	568.65	594.02	585.34
<b>Louisiana</b>									
.....	43.4	44.6	45.3	12.95	13.04	13.38	562.03	581.58	606.11
Baton Rouge .....	44.7	45.4	45.7	14.80	15.43	15.82	661.56	700.52	722.97
New Orleans .....	43.8	45.9	46.2	13.06	13.61	13.78	572.03	624.70	636.64
Shreveport-Bossier City .....	41.7	42.8	44.2	14.14	13.48	13.92	589.64	576.94	615.26
<b>Maine</b>									
.....	41.8	40.8	41.4	11.69	12.07	12.08	488.64	492.46	500.11
Lewiston-Auburn .....	43.1	43.2	41.5	10.05	9.63	9.59	433.16	416.02	397.99
Portland .....	39.7	39.6	38.7	10.83	11.02	10.87	429.95	436.39	420.67
<b>Maryland</b>									
.....	42.2	42.3	42.5	13.04	13.30	13.40	550.29	562.59	569.50
Baltimore PMSA .....	42.8	43.2	43.4	13.58	13.95	13.93	581.22	602.64	604.56
<b>Massachusetts</b>									
.....	42.2	41.6	42.1	12.53	12.71	12.72	528.77	528.74	535.51
Boston .....	41.3	40.6	41.2	13.15	13.53	13.52	543.10	549.32	557.02
Springfield .....	43.0	43.0	43.0	12.78	12.60	12.54	549.54	541.80	539.22
Worcester .....	40.8	42.0	42.2	11.66	11.67	11.77	475.73	490.14	496.69
<b>Michigan</b>									
.....	45.1	46.0	46.4	16.13	16.33	16.51	727.46	751.18	766.06
Ann Arbor .....	45.8	46.5	46.2	16.69	16.81	16.87	764.40	781.66	779.39
Detroit .....	47.3	47.5	47.6	17.37	17.44	17.62	821.60	828.40	838.71
Flint .....	46.5	51.3	50.7	21.53	22.67	22.73	1001.14	1162.97	1152.41
Grand Rapids-Muskegon-Holland .....	43.7	43.0	43.5	13.15	13.34	13.48	574.65	573.62	586.38
Jackson .....	43.9	45.5	45.0	11.29	11.59	11.83	495.63	527.34	532.35
Kalamazoo-Battle Creek .....	45.2	44.5	46.2	15.14	15.01	15.60	684.33	667.94	720.72
Lansing-East Lansing .....	41.3	46.2	47.4	19.03	17.86	18.11	785.94	825.13	858.41
Saginaw-Bay City-Midland .....	43.6	47.8	49.1	18.41	18.19	18.62	802.68	869.48	914.24
<b>Minnesota</b>									
.....	41.9	41.4	41.7	12.49	12.62	12.79	523.33	522.47	533.34
Duluth-Superior .....	41.4	40.0	41.4	11.57	12.14	12.07	479.00	485.60	499.70
Minneapolis-St. Paul .....	42.2	42.4	42.6	13.21	13.41	13.58	557.46	568.58	578.51
St. Cloud .....	40.9	38.6	40.1	11.11	11.62	11.92	454.40	448.53	477.99
<b>Mississippi</b>									
.....	42.6	42.0	42.7	9.34	9.43	9.54	397.88	396.06	407.36
Jackson .....	41.6	41.5	40.6	10.12	10.12	10.11	420.99	419.98	410.47
<b>Missouri</b>									
.....	42.9	42.0	43.3	11.74	11.80	12.01	503.65	495.60	520.03
Kansas City .....	43.7	42.3	43.8	13.92	13.50	13.89	608.30	571.05	608.38
St. Louis .....	43.8	43.5	45.2	13.91	13.91	14.05	609.26	605.09	635.06
Springfield .....	40.3	40.9	41.6	10.01	10.00	10.06	403.40	409.00	418.50
<b>Montana</b>									
.....	40.4	39.4	39.7	12.62	12.74	12.72	509.85	501.96	504.98
<b>Nebraska</b>									
.....	42.5	42.2	42.9	10.70	11.18	11.17	454.75	471.80	479.19
Lincoln .....	44.0	43.3	44.5	12.36	12.77	12.91	543.84	552.94	574.50
Omaha .....	43.4	42.5	42.4	11.36	11.74	11.75	493.02	498.95	498.20
<b>Nevada</b>									
.....	43.3	41.5	41.8	12.12	11.88	12.26	524.80	493.02	512.47
Las Vegas .....	43.5	39.1	39.5	13.57	13.49	13.95	590.30	527.46	551.03

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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>New Hampshire</b> .....	42.6	42.7	44.6	\$11.70	\$11.56	\$12.14	\$498.42	\$493.61	\$541.44
Manchester .....	41.6	42.7	44.9	11.29	11.61	12.81	469.66	495.75	575.17
Nashua .....	41.6	42.7	47.7	14.38	14.07	14.78	598.21	600.79	705.01
Portsmouth-Rochester .....	42.8	41.2	44.6	11.17	11.41	11.68	478.08	470.09	520.93
<b>New Jersey</b> .....	43.0	42.6	42.8	13.37	13.33	13.48	574.91	567.86	576.94
<b>New Mexico</b> .....	40.8	40.5	40.8	9.98	10.38	10.53	407.18	420.39	429.62
Albuquerque .....	40.7	40.6	41.0	10.42	10.84	10.85	424.09	440.10	444.85
<b>New York</b> .....	41.3	41.7	41.6	12.11	12.43	12.52	500.14	518.33	520.83
Albany-Schenectady-Troy .....	41.2	41.8	41.3	13.79	14.14	14.21	568.15	591.05	586.87
Binghamton .....	41.1	41.7	42.5	9.90	10.15	10.23	406.89	423.26	434.78
Buffalo-Niagara Falls .....	44.9	45.2	45.3	14.99	16.04	16.02	673.05	725.01	725.71
Dutchess County .....	40.6	41.6	43.2	10.70	10.51	10.65	434.42	437.22	460.08
Elmira .....	44.1	44.2	43.8	11.48	11.46	11.27	506.27	506.53	493.63
Nassau-Suffolk .....	40.3	40.7	40.1	11.42	11.30	11.41	460.23	459.91	457.54
New York PMSA .....	38.5	38.6	38.8	11.11	11.12	11.25	427.74	429.23	436.50
New York City .....	38.0	38.2	38.3	10.84	10.83	10.94	411.92	413.71	419.00
Newburgh .....	41.1	41.4	40.6	10.65	11.09	10.92	437.72	459.13	443.35
Rochester .....	43.2	43.1	43.0	13.91	14.16	14.14	600.91	610.30	608.02
Rockland County .....	43.1	43.1	43.1	13.92	14.49	14.29	599.95	624.52	615.90
Syracuse .....	43.4	44.4	44.5	13.12	13.41	13.29	569.41	595.40	591.41
Utica-Rome .....	43.7	41.9	41.5	10.77	10.86	10.97	470.65	455.03	455.26
Westchester County .....	41.8	41.8	42.5	12.30	12.34	12.71	514.14	515.81	540.18
<b>North Carolina</b> .....	41.5	41.7	42.0	10.00	10.30	10.36	415.00	429.51	435.12
Asheville .....	41.5	41.8	42.7	9.97	10.01	10.10	413.76	418.42	431.27
Charlotte-Gastonia-Rock Hill .....	41.4	41.9	42.1	10.60	10.90	10.92	438.84	456.71	459.73
Greensboro--Winston-Salem--High Point .....	40.6	41.2	41.3	10.55	10.72	10.81	428.33	441.66	446.45
Raleigh-Durham-Chapel Hill .....	42.5	42.0	42.5	10.78	11.01	10.97	458.15	462.42	466.23
<b>North Dakota</b> .....	41.0	42.3	42.5	10.07	10.32	10.50	412.87	436.54	446.25
Fargo-Moorhead .....	40.0	43.0	45.0	9.60	9.90	10.28	384.00	425.70	462.60
<b>Ohio</b> .....	44.2	44.7	45.0	14.42	14.38	14.46	637.36	642.79	650.70
Akron .....	44.4	43.6	44.5	12.82	12.45	12.54	569.21	542.82	558.03
Canton-Massillon .....	41.9	42.7	42.7	12.50	12.50	12.32	523.75	533.75	526.06
Cincinnati .....	43.8	44.4	44.3	13.12	13.35	13.47	574.66	592.74	596.72
Cleveland-Lorain-Elyria .....	43.5	44.8	44.8	14.01	14.26	14.29	609.44	638.85	640.19
Columbus .....	42.8	43.0	43.3	13.54	13.42	13.43	579.51	577.06	581.52
Dayton-Springfield .....	45.5	46.1	47.0	16.29	16.08	16.26	741.20	741.29	764.22
Toledo .....	45.9	45.7	45.9	15.91	16.11	16.30	730.27	736.23	748.17
Youngstown-Warren .....	44.5	44.0	45.4	16.52	16.24	16.62	735.14	714.56	754.55
<b>Oklahoma</b> .....	44.1	44.7	44.0	11.58	11.47	11.35	510.68	512.71	499.40
Oklahoma City .....	43.6	45.7	46.3	13.19	12.70	12.56	575.08	580.39	581.53
Tulsa .....	41.9	44.1	44.8	12.05	11.88	12.01	504.90	523.91	538.05
<b>Oregon</b> .....	40.0	40.4	40.5	12.23	12.51	12.60	489.20	505.40	510.30
Eugene-Springfield .....	41.7	39.7	40.0	12.35	12.29	12.21	515.00	487.91	488.40
Medford-Ashland .....	42.6	40.0	41.3	11.13	11.80	11.56	474.14	472.00	477.43
Portland-Vancouver .....	40.9	41.5	41.3	12.56	12.75	12.85	513.70	529.13	530.71
Salem .....	37.9	37.7	39.2	10.80	10.46	10.78	409.32	394.34	422.58
<b>Pennsylvania</b> .....	42.0	42.6	42.3	12.37	12.62	12.65	519.54	537.61	535.10
Allentown-Bethlehem-Easton .....	41.8	41.2	41.3	11.74	12.17	12.26	490.73	501.40	506.34
Alltoona .....	40.6	40.8	40.2	10.33	10.51	10.72	419.40	428.81	430.94
Erie .....	44.7	46.0	45.2	12.93	13.19	13.06	577.97	606.74	590.31
Harrisburg-Lebanon-Carlisle .....	40.3	41.1	39.5	11.69	11.96	11.95	471.11	491.56	472.03
Johnstown .....	40.1	40.8	40.1	9.28	9.37	9.26	372.13	382.30	371.33
Lancaster .....	42.1	42.0	41.6	12.15	12.48	12.52	511.52	524.16	520.83
Philadelphia PMSA .....	42.5	42.0	42.5	13.78	13.71	13.72	585.65	575.82	583.10
Pittsburgh .....	42.9	43.3	44.0	13.53	13.67	13.57	580.44	591.91	597.08
Reading .....	42.4	43.2	43.1	12.89	13.23	13.14	546.54	571.54	566.33
Scranton-Wilkes-Barre-Hazleton .....	40.4	40.4	40.3	10.83	10.84	10.94	437.53	437.94	440.88
Sharon .....	44.9	45.6	47.0	12.59	12.65	12.87	565.29	576.84	604.89
State College .....	39.8	42.7	42.4	10.58	11.04	10.78	421.08	471.41	457.07
Williamsport .....	43.5	44.2	44.9	10.80	10.97	11.35	469.80	484.87	509.62
York .....	43.3	43.9	43.5	12.44	12.65	12.69	538.65	555.34	552.02

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		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Rhode Island</b> .....	41.1	40.3	41.4	\$10.36	\$10.60	\$10.40	\$425.80	\$427.18	\$430.56
Providence-Fall River-Warwick .....	40.4	40.0	41.0	10.38	10.83	10.55	419.35	433.20	432.55
<b>South Carolina</b> .....	42.1	41.9	42.2	9.90	10.11	10.13	416.79	423.61	427.49
<b>South Dakota</b> .....	41.8	41.4	42.0	9.02	9.43	9.45	377.04	390.40	396.90
Rapid City .....	42.9	40.0	41.0	9.36	9.52	9.73	401.54	380.80	398.93
Sioux Falls .....	42.0	44.0	44.1	9.49	9.87	9.85	398.58	434.28	434.39
<b>Tennessee</b> .....	41.3	40.3	40.4	10.44	10.35	10.45	431.17	417.11	422.18
Chattanooga .....	43.1	41.2	41.4	9.97	10.01	10.04	429.71	412.41	415.66
Johnson City-Kingsport-Bristol .....	39.9	40.7	40.8	10.51	9.86	9.78	419.35	401.30	399.02
Knoxville .....	40.6	38.6	39.2	10.22	10.50	10.47	414.93	405.30	410.42
Memphis .....	41.1	40.6	40.1	10.78	11.07	11.12	443.06	449.44	445.91
Nashville .....	41.7	40.4	40.5	11.37	11.19	11.27	474.13	452.08	456.44
<b>Texas</b> .....	43.5	43.1	43.7	11.05	11.16	11.22	480.68	481.00	490.31
Dallas .....	43.9	43.1	44.4	11.03	10.90	11.08	484.22	469.79	491.95
Ft. Worth-Arlington .....	43.0	42.8	43.0	12.57	12.26	12.40	540.51	524.73	533.20
Houston .....	45.2	44.8	44.6	13.45	13.67	13.59	607.94	612.42	606.11
San Antonio .....	41.3	42.1	42.7	8.70	8.98	9.08	359.31	378.06	387.72
<b>Utah</b> .....	39.9	41.5	41.2	11.36	11.38	11.51	453.26	472.27	474.21
Salt Lake City-Ogden .....	41.1	42.3	42.2	11.42	11.69	11.74	469.36	494.49	495.43
<b>Vermont</b> .....	41.7	40.1	40.7	11.52	11.42	11.51	480.38	457.94	468.46
Burlington .....	43.1	36.9	37.7	11.52	11.42	11.49	496.51	421.40	433.17
<b>Virginia</b> .....	41.9	42.5	42.6	11.07	11.41	11.47	463.83	484.93	488.62
Bristol .....	42.5	41.4	43.5	10.01	9.87	10.31	425.43	408.62	448.49
Charlottesville .....	41.5	41.5	39.5	9.71	10.17	10.06	402.97	422.06	397.37
Danville .....	44.4	43.5	43.7	10.80	11.02	11.21	479.52	479.37	489.88
Lynchburg .....	43.0	42.6	41.8	11.03	11.06	10.94	474.29	471.16	457.29
Northern Virginia .....	42.0	40.7	41.5	12.08	12.20	12.38	507.36	496.54	513.77
Richmond-Petersburg .....	42.9	44.7	44.2	14.11	14.97	15.15	605.32	669.16	669.63
Roanoke .....	43.4	41.8	42.4	12.80	12.64	13.04	555.52	528.35	552.90
<b>Washington</b> .....	40.8	40.8	41.0	14.20	14.33	14.52	579.36	584.66	595.32
<b>West Virginia</b> .....	41.1	42.1	41.9	12.47	12.77	12.80	512.52	537.62	536.32
Charleston .....	47.5	48.4	48.7	14.92	14.59	14.69	708.70	706.16	715.40
Huntington-Ashland .....	42.5	43.7	42.7	14.44	14.90	14.57	613.70	651.13	622.14
Parkersburg-Marietta .....	42.7	44.2	43.7	15.69	15.17	15.81	669.96	670.51	690.90
Wheeling .....	43.4	43.2	37.1	14.46	15.15	14.24	627.56	654.48	528.30
<b>Wisconsin</b> .....	43.1	43.3	43.5	12.40	12.50	12.66	534.44	541.25	550.71
Appleton-Oshkosh-Neenah .....	45.2	45.9	45.8	13.34	13.84	13.84	602.97	635.26	633.87
Eau Claire .....	43.4	45.6	45.2	12.38	13.06	13.18	537.29	595.54	595.74
Green Bay .....	43.4	42.3	42.8	13.29	13.46	13.73	576.79	569.36	587.64
Janesville-Beoit .....	44.6	43.9	48.2	16.49	15.70	17.12	735.45	689.23	825.18
Kenosha .....	40.5	41.4	42.6	13.10	13.89	13.79	530.55	575.05	587.45
La Crosse .....	41.7	43.2	43.0	10.32	10.14	10.18	430.34	438.05	437.74
Madison .....	40.7	42.5	41.3	11.54	11.70	11.86	469.68	497.25	489.82
Milwaukee-Waukesha .....	42.8	43.4	43.2	13.50	13.78	13.86	577.80	598.05	598.75
Racine .....	41.6	41.6	41.1	12.51	12.85	12.60	520.42	534.56	517.86
Sheboygan .....	43.8	43.6	43.5	12.19	12.48	12.42	533.92	544.13	540.27
Wausau .....	43.2	44.1	44.4	11.69	11.79	11.82	505.01	519.94	524.81
<b>Wyoming</b> .....	39.6	39.7	40.2	11.52	11.85	11.98	456.19	470.45	481.60
<b>Puerto Rico</b> .....	39.9	40.2	40.4	7.19	7.38	7.36	286.88	296.68	297.34
<b>Virgin Islands</b> .....	41.1	44.8	43.1	15.27	15.57	15.02	673.41	697.54	647.36

<sup>P</sup> - preliminary.

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

publication. All State and area data have been adjusted to March 1993 benchmarks.

**HOUSEHOLD DATA  
REGIONS AND DIVISIONS  
SEASONALLY ADJUSTED**

**C-1. Employment status of the civilian population for census regions and divisions, seasonally adjusted<sup>1</sup>**

(Numbers in thousands)

Census region and division	1994												1995
	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>NORTHEAST</b>													
Civilian noninstitutional population <sup>2</sup> .....	39,560	39,555	39,546	39,548	39,549	39,550	39,553	39,560	39,565	39,574	39,580	39,580	39,572
Civilian labor force .....	25,393	25,308	25,485	25,344	25,203	25,405	25,528	25,410	25,335	25,313	25,250	25,356	25,290
Employed .....	23,668	23,612	23,686	23,607	23,601	23,762	23,859	23,786	23,771	23,743	23,707	23,897	23,756
Unemployed .....	1,725	1,695	1,799	1,737	1,603	1,644	1,669	1,624	1,564	1,570	1,543	1,459	1,534
Unemployment rate .....	6.8	6.7	7.1	6.9	6.4	6.5	6.5	6.4	6.2	6.2	6.1	5.8	6.1
<b>New England</b>													
Civilian noninstitutional population <sup>2</sup> .....	10,232	10,232	10,229	10,230	10,232	10,231	10,233	10,236	10,237	10,240	10,242	10,241	10,239
Civilian labor force .....	6,983	7,015	7,003	6,944	6,921	6,935	7,002	6,959	6,951	6,945	6,988	7,000	7,050
Employed .....	6,533	6,577	6,591	6,546	6,508	6,527	6,573	6,535	6,573	6,543	6,589	6,623	6,651
Unemployed .....	450	438	413	398	413	409	429	424	378	402	398	377	400
Unemployment rate .....	6.4	6.2	5.9	5.7	6.0	5.9	6.1	6.1	5.4	5.8	5.7	5.4	5.7
<b>Middle Atlantic</b>													
Civilian noninstitutional population <sup>2</sup> .....	29,328	29,323	29,317	29,318	29,317	29,319	29,320	29,324	29,328	29,334	29,338	29,339	29,333
Civilian labor force .....	18,410	18,293	18,482	18,400	18,282	18,470	18,526	18,452	18,384	18,369	18,263	18,357	18,239
Employed .....	17,135	17,036	17,095	17,061	17,093	17,235	17,286	17,252	17,198	17,201	17,118	17,275	17,105
Unemployed .....	1,275	1,257	1,386	1,339	1,190	1,235	1,240	1,200	1,186	1,168	1,145	1,082	1,135
Unemployment rate .....	6.9	6.9	7.5	7.3	6.5	6.7	6.7	6.5	6.5	6.4	6.3	5.9	6.2
<b>SOUTH</b>													
Civilian noninstitutional population <sup>2</sup> .....	68,189	68,256	68,321	68,405	68,480	68,563	68,648	68,736	68,830	68,923	69,011	69,092	69,160
Civilian labor force .....	44,868	44,863	44,758	45,007	45,182	45,029	45,208	45,332	45,535	45,714	45,976	45,847	45,868
Employed .....	42,073	42,022	41,959	42,268	42,485	42,368	42,556	42,726	42,930	43,105	43,428	43,368	43,424
Unemployed .....	2,795	2,841	2,799	2,739	2,697	2,661	2,652	2,606	2,605	2,609	2,548	2,479	2,445
Unemployment rate .....	6.2	6.3	6.3	6.1	6.0	5.9	5.9	5.7	5.7	5.7	5.5	5.4	5.3
<b>South Atlantic</b>													
Civilian noninstitutional population <sup>2</sup> .....	35,285	35,320	35,353	35,397	35,436	35,478	35,524	35,570	35,616	35,665	35,712	35,754	35,789
Civilian labor force .....	23,217	23,236	23,231	23,278	23,329	23,346	23,334	23,424	23,610	23,640	23,827	23,680	23,629
Employed .....	21,774	21,851	21,843	21,896	21,966	22,045	22,041	22,187	22,296	22,363	22,541	22,455	22,443
Unemployed .....	1,443	1,385	1,389	1,382	1,363	1,301	1,293	1,237	1,314	1,277	1,287	1,225	1,186
Unemployment rate .....	6.2	6.0	6.0	5.9	5.8	5.6	5.5	5.3	5.6	5.4	5.4	5.2	5.0
<b>East South Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	12,045	12,055	12,065	12,078	12,089	12,103	12,115	12,129	12,145	12,159	12,173	12,185	12,196
Civilian labor force .....	7,621	7,618	7,622	7,703	7,815	7,698	7,726	7,772	7,809	7,946	7,913	8,071	8,014
Employed .....	7,159	7,136	7,201	7,277	7,410	7,273	7,298	7,334	7,396	7,502	7,505	7,665	7,546
Unemployed .....	462	482	422	426	405	425	428	439	413	444	408	406	467
Unemployment rate .....	6.1	6.3	5.5	5.5	5.2	5.5	5.5	5.6	5.3	5.6	5.2	5.0	5.8
<b>West South Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	20,859	20,881	20,903	20,930	20,955	20,982	21,009	21,037	21,069	21,099	21,126	21,153	21,175
Civilian labor force .....	14,030	14,008	13,904	14,026	14,038	13,985	14,149	14,136	14,116	14,128	14,236	14,096	14,226
Employed .....	13,140	13,035	12,916	13,095	13,109	13,050	13,217	13,206	13,238	13,239	13,382	13,247	13,434
Unemployed .....	890	974	988	931	930	935	931	931	878	888	854	849	792
Unemployment rate .....	6.3	7.0	7.1	6.6	6.6	6.7	6.6	6.6	6.2	6.3	6.0	6.0	5.6

See footnotes at end of table.

**HOUSEHOLD DATA  
REGIONS AND DIVISIONS  
SEASONALLY ADJUSTED**

**C-1. Employment status of the civilian population for census regions and divisions, seasonally adjusted<sup>1</sup>—Continued**

(Numbers in thousands)

Census region and division	1994												1995
	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.
<b>MIDWEST</b>													
Civilian noninstitutional population <sup>2</sup> .....	46,073	46,083	46,095	46,116	46,135	46,157	46,182	46,211	46,239	46,267	46,291	46,314	46,324
Civilian labor force .....	31,725	31,924	31,774	31,800	31,906	31,738	31,612	31,754	31,916	32,100	32,188	32,176	32,225
Employed .....	29,869	30,171	29,955	30,127	30,346	30,261	29,988	30,147	30,345	30,515	30,693	30,715	30,829
Unemployed .....	1,856	1,754	1,819	1,673	1,559	1,477	1,623	1,607	1,571	1,584	1,495	1,461	1,396
Unemployment rate .....	5.8	5.5	5.7	5.3	4.9	4.7	5.1	5.1	4.9	4.9	4.6	4.5	4.3
<b>East North Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	32,540	32,546	32,553	32,567	32,578	32,593	32,609	32,627	32,646	32,665	32,681	32,696	32,702
Civilian labor force .....	22,108	22,266	22,180	22,140	22,157	22,031	21,906	21,953	22,131	22,276	22,302	22,240	22,256
Employed .....	20,708	20,940	20,845	20,888	20,935	20,929	20,667	20,747	20,972	21,090	21,218	21,229	21,244
Unemployed .....	1,400	1,326	1,336	1,253	1,223	1,102	1,239	1,205	1,159	1,186	1,084	1,011	1,012
Unemployment rate .....	6.3	6.0	6.0	5.7	5.5	5.0	5.7	5.5	5.2	5.3	4.9	4.5	4.5
<b>West North Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	13,533	13,537	13,542	13,549	13,557	13,564	13,573	13,584	13,593	13,602	13,610	13,618	13,622
Civilian labor force .....	9,617	9,658	9,594	9,660	9,748	9,708	9,705	9,801	9,785	9,823	9,885	9,936	9,969
Employed .....	9,161	9,230	9,111	9,240	9,412	9,332	9,321	9,400	9,373	9,425	9,475	9,486	9,586
Unemployed .....	456	428	484	420	337	375	384	401	412	398	411	450	383
Unemployment rate .....	4.7	4.4	5.0	4.4	3.5	3.9	4.0	4.1	4.2	4.1	4.2	4.5	3.8
<b>WEST</b>													
Civilian noninstitutional population <sup>2</sup> .....	42,123	42,163	42,201	42,250	42,297	42,345	42,395	42,449	42,502	42,559	42,610	42,660	42,697
Civilian labor force .....	28,527	28,535	28,457	28,403	28,451	28,164	28,347	28,690	28,585	28,644	28,597	28,522	28,453
Employed .....	26,264	26,398	26,390	26,217	26,379	26,091	26,284	26,537	26,586	26,717	26,690	26,649	26,552
Unemployed .....	2,263	2,137	2,067	2,186	2,071	2,072	2,064	2,153	1,999	1,928	1,907	1,873	1,901
Unemployment rate .....	7.9	7.5	7.3	7.7	7.3	7.4	7.3	7.5	7.0	6.7	6.7	6.6	6.7
<b>Mountain</b>													
Civilian noninstitutional population <sup>2</sup> .....	11,087	11,113	11,138	11,166	11,194	11,222	11,251	11,279	11,309	11,339	11,368	11,396	11,421
Civilian labor force .....	7,611	7,767	7,749	7,743	7,749	7,659	7,710	7,906	7,860	7,883	7,905	7,894	7,835
Employed .....	7,215	7,364	7,350	7,335	7,333	7,250	7,298	7,457	7,429	7,461	7,495	7,510	7,476
Unemployed .....	397	403	399	408	417	409	412	449	430	422	410	383	359
Unemployment rate .....	5.2	5.2	5.1	5.3	5.4	5.3	5.3	5.7	5.5	5.4	5.2	4.9	4.6
<b>Pacific</b>													
Civilian noninstitutional population <sup>2</sup> .....	31,036	31,050	31,063	31,084	31,103	31,123	31,144	31,170	31,193	31,220	31,242	31,264	31,277
Civilian labor force .....	20,915	20,768	20,709	20,660	20,701	20,505	20,637	20,784	20,726	20,761	20,692	20,628	20,613
Employed .....	19,049	19,034	19,040	18,882	19,047	18,842	18,986	19,080	19,156	19,255	19,195	19,139	19,076
Unemployed .....	1,867	1,734	1,669	1,778	1,655	1,663	1,651	1,704	1,569	1,506	1,497	1,490	1,537
Unemployment rate .....	8.9	8.4	8.1	8.6	8.0	8.1	8.0	8.2	7.6	7.3	7.2	7.2	7.5

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

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

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. Data have been revised to incorporate revised 1990 census-based population controls (covering the 1990-94 period) and updated seasonal adjustment factors.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1993				1994								
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>
<b>Alabama</b>													
Civilian labor force .....	1,995.1	2,010.1	1,987.0	1,979.6	1,974.0	2,008.8	2,007.7	2,002.9	2,024.8	2,023.6	2,038.4	2,045.5	2,055.9
Employed .....	1,847.4	1,846.9	1,848.8	1,851.4	1,859.5	1,891.1	1,889.1	1,884.1	1,896.7	1,913.0	1,928.3	1,939.3	1,953.6
Unemployed .....	147.7	163.2	138.2	128.2	114.5	117.7	118.6	118.9	128.1	110.6	110.2	106.3	102.3
Unemployment rate .....	7.4	8.1	7.0	6.5	5.8	5.9	5.9	5.9	6.3	5.5	5.4	5.2	5.0
<b>Alaska</b>													
Civilian labor force .....	302.0	308.0	311.3	309.7	309.3	309.5	309.9	308.8	308.6	309.7	309.8	306.6	308.4
Employed .....	279.3	281.5	285.7	284.2	283.5	283.8	285.9	283.9	284.8	286.8	286.9	283.8	284.2
Unemployed .....	22.7	26.5	25.6	25.6	25.8	25.7	24.1	24.9	23.8	22.9	22.9	22.8	24.2
Unemployment rate .....	7.5	8.6	8.2	8.3	8.3	8.3	7.8	8.1	7.7	7.4	7.4	7.4	7.8
<b>Arizona</b>													
Civilian labor force .....	1,858.4	1,929.4	1,963.6	1,996.2	2,006.9	2,003.8	1,986.6	1,975.8	2,010.8	2,030.2	2,027.0	2,024.5	2,033.2
Employed .....	1,746.2	1,833.9	1,861.4	1,886.7	1,894.1	1,885.4	1,860.4	1,861.0	1,884.8	1,896.7	1,903.8	1,901.7	1,913.5
Unemployed .....	112.2	95.5	102.2	109.5	112.8	118.5	126.2	114.8	126.0	133.5	123.2	122.8	119.7
Unemployment rate .....	6.0	5.0	5.2	5.5	5.6	5.9	6.4	5.8	6.3	6.6	6.1	6.1	5.9
<b>Arkansas</b>													
Civilian labor force .....	1,166.5	1,200.3	1,199.2	1,199.3	1,208.8	1,207.9	1,203.8	1,208.8	1,220.0	1,220.1	1,219.6	1,222.4	1,223.5
Employed .....	1,097.6	1,133.2	1,136.5	1,139.3	1,146.8	1,141.4	1,134.2	1,140.3	1,154.0	1,160.5	1,157.7	1,161.5	1,162.6
Unemployed .....	69.0	67.2	62.7	60.0	61.9	66.5	69.6	68.5	66.0	59.6	61.9	60.9	61.0
Unemployment rate .....	5.9	5.6	5.2	5.0	5.1	5.5	5.8	5.7	5.4	4.9	5.1	5.0	5.0
<b>California<sup>1</sup></b>													
Civilian labor force .....	15,311.6	15,609.7	15,564.0	15,512.2	15,503.5	15,517.3	15,268.5	15,331.0	15,409.4	15,455.5	15,586.4	15,489.4	15,431.6
Employed .....	13,946.4	14,040.0	14,159.4	14,152.5	14,065.0	14,199.4	13,974.6	13,989.1	14,071.3	14,175.1	14,365.8	14,275.1	14,246.5
Unemployed .....	1,365.2	1,569.7	1,404.6	1,359.7	1,438.5	1,317.9	1,293.9	1,341.9	1,338.1	1,280.4	1,220.6	1,214.3	1,185.1
Unemployment rate .....	8.9	10.1	9.0	8.8	9.3	8.5	8.5	8.8	8.7	8.3	7.8	7.8	7.7
<b>Colorado</b>													
Civilian labor force .....	1,954.3	1,968.0	1,968.4	1,958.3	1,958.6	1,969.3	1,963.1	1,992.4	2,030.7	2,033.0	2,059.8	2,066.3	2,058.3
Employed .....	1,858.1	1,855.2	1,858.1	1,856.2	1,853.3	1,866.2	1,868.3	1,899.2	1,936.9	1,950.0	1,980.5	1,984.8	1,990.5
Unemployed .....	96.2	112.8	110.3	102.0	105.3	103.1	94.8	93.2	93.8	83.0	79.3	81.5	67.8
Unemployment rate .....	4.9	5.7	5.6	5.2	5.4	5.2	4.8	4.7	4.6	4.1	3.8	3.9	3.3
<b>Connecticut</b>													
Civilian labor force .....	1,779.2	1,796.6	1,820.8	1,806.0	1,787.9	1,767.6	1,763.2	1,767.5	1,770.5	1,764.7	1,754.2	1,760.8	1,762.7
Employed .....	1,674.4	1,716.2	1,729.3	1,712.7	1,698.1	1,675.4	1,671.5	1,676.4	1,673.4	1,668.1	1,665.6	1,669.5	1,674.3
Unemployed .....	104.8	80.4	91.5	93.3	89.8	92.2	91.7	91.1	97.1	96.6	88.6	91.4	88.4
Unemployment rate .....	5.9	4.5	5.0	5.2	5.0	5.2	5.2	5.2	5.5	5.5	5.0	5.2	5.0
<b>Delaware</b>													
Civilian labor force .....	377.8	371.3	379.6	382.4	382.2	387.5	387.9	387.5	384.6	381.4	380.7	382.4	382.5
Employed .....	355.1	351.7	360.5	362.5	361.0	367.2	369.4	368.9	368.2	365.1	364.9	365.0	366.3
Unemployed .....	22.7	19.5	19.0	19.9	21.2	20.3	18.5	18.5	16.4	16.3	15.8	17.4	16.2
Unemployment rate .....	6.0	5.3	5.0	5.2	5.5	5.2	4.8	4.8	4.3	4.3	4.1	4.5	4.2
<b>District of Columbia</b>													
Civilian labor force .....	309.8	315.7	298.4	299.6	303.1	300.4	302.4	306.3	302.4	302.4	304.6	308.6	304.2
Employed .....	284.3	281.4	270.5	270.4	280.7	277.7	278.2	280.8	278.2	279.8	283.2	285.1	280.7
Unemployed .....	25.4	34.3	27.9	29.2	22.4	22.6	24.2	25.5	24.2	22.6	21.4	23.5	23.5
Unemployment rate .....	8.2	10.9	9.3	9.8	7.4	7.5	8.0	8.3	8.0	7.5	7.0	7.6	7.7
<b>Florida<sup>1</sup></b>													
Civilian labor force .....	6,773.2	6,802.2	6,708.8	6,788.9	6,793.1	6,810.8	6,794.3	6,776.2	6,779.3	6,872.7	6,881.5	6,947.6	6,935.4
Employed .....	6,296.0	6,306.9	6,313.9	6,303.7	6,303.0	6,344.5	6,365.4	6,350.9	6,390.9	6,426.6	6,433.9	6,480.1	6,492.0
Unemployed .....	477.2	495.3	394.9	485.2	490.1	466.3	428.9	425.3	388.4	446.1	447.6	467.5	443.4
Unemployment rate .....	7.0	7.3	5.9	7.1	7.2	6.8	6.3	6.3	5.7	6.5	6.5	6.7	6.4

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	1993	1994											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>1</sup>
<b>Georgia</b>													
Civilian labor force .....	3,531.5	3,583.8	3,604.0	3,593.3	3,582.2	3,562.5	3,616.4	3,618.0	3,608.5	3,623.2	3,626.2	3,639.3	3,610.3
Employed .....	3,332.1	3,325.3	3,374.5	3,373.4	3,382.1	3,373.8	3,424.6	3,410.5	3,420.1	3,426.3	3,445.8	3,459.1	3,437.5
Unemployed .....	199.4	258.5	229.6	219.9	200.1	188.8	191.8	207.5	188.5	196.8	180.4	180.2	172.9
Unemployment rate .....	5.6	7.2	6.4	6.1	5.6	5.3	5.3	5.7	5.2	5.4	5.0	5.0	4.8
<b>Hawaii</b>													
Civilian labor force .....	583.3	605.3	597.7	593.7	601.6	599.5	593.7	592.3	591.7	595.1	594.1	594.6	593.8
Employed .....	559.4	577.3	569.0	562.5	568.1	567.4	561.8	557.7	555.5	557.8	558.6	562.0	561.0
Unemployed .....	24.0	28.0	28.7	31.2	33.5	32.0	31.9	34.6	36.2	37.3	35.5	32.6	32.7
Unemployment rate .....	4.1	4.6	4.8	5.3	5.6	5.3	5.4	5.8	6.1	6.3	6.0	5.5	5.5
<b>Idaho</b>													
Civilian labor force .....	553.7	580.3	591.5	595.7	596.7	594.4	593.0	591.2	590.0	594.3	596.8	596.2	597.6
Employed .....	521.2	551.3	560.4	564.6	569.0	566.2	562.8	562.1	563.7	564.4	563.9	562.2	559.3
Unemployed .....	32.4	29.0	31.1	31.1	27.7	28.2	30.2	29.1	26.2	29.9	32.9	34.0	38.3
Unemployment rate .....	5.9	5.0	5.3	5.2	4.6	4.7	5.1	4.9	4.4	5.0	5.5	5.7	6.4
<b>Illinois<sup>1</sup></b>													
Civilian labor force .....	6,035.5	6,003.0	6,009.4	6,014.7	6,042.2	6,023.7	6,011.4	5,973.1	5,978.5	5,958.9	6,016.1	5,991.4	5,969.0
Employed .....	5,660.6	5,607.1	5,630.9	5,651.7	5,699.0	5,676.9	5,705.2	5,633.0	5,644.5	5,629.9	5,661.0	5,684.1	5,687.9
Unemployed .....	374.9	395.9	378.5	363.0	343.2	346.8	306.2	340.1	334.0	329.0	355.1	307.3	281.1
Unemployment rate .....	6.2	6.6	6.3	6.0	5.7	5.8	5.1	5.7	5.6	5.5	5.9	5.1	4.7
<b>Indiana</b>													
Civilian labor force .....	3,001.9	2,992.6	3,013.3	3,007.1	2,998.0	3,018.7	3,003.4	2,972.4	2,976.4	3,041.3	3,069.1	3,112.3	3,157.8
Employed .....	2,849.4	2,824.8	2,861.2	2,853.1	2,850.4	2,874.4	2,862.4	2,817.8	2,824.9	2,892.6	2,916.5	2,971.4	3,023.6
Unemployed .....	152.5	167.8	152.1	154.0	147.5	144.3	141.0	154.7	151.5	148.7	152.7	140.9	134.3
Unemployment rate .....	5.1	5.6	5.0	5.1	4.9	4.8	4.7	5.2	5.1	4.9	5.0	4.5	4.3
<b>Iowa</b>													
Civilian labor force .....	1,554.8	1,552.1	1,565.9	1,541.6	1,524.5	1,549.5	1,559.0	1,557.8	1,559.1	1,567.6	1,551.9	1,551.1	1,533.3
Employed .....	1,498.0	1,479.8	1,500.9	1,485.9	1,470.0	1,493.9	1,504.6	1,511.6	1,508.0	1,516.3	1,501.2	1,501.2	1,483.9
Unemployed .....	56.8	72.3	65.0	55.6	54.5	55.5	54.4	46.2	51.0	51.3	50.7	50.0	49.4
Unemployment rate .....	3.7	4.7	4.2	3.6	3.6	3.6	3.5	3.0	3.3	3.3	3.3	3.2	3.2
<b>Kansas</b>													
Civilian labor force .....	1,321.8	1,335.8	1,327.7	1,336.9	1,347.8	1,356.7	1,348.3	1,344.9	1,339.6	1,329.6	1,328.1	1,330.8	1,326.4
Employed .....	1,255.8	1,249.3	1,255.4	1,259.3	1,267.4	1,290.9	1,282.4	1,274.2	1,273.2	1,262.8	1,263.4	1,265.8	1,259.6
Unemployed .....	66.0	86.4	72.2	77.6	80.4	65.9	65.9	70.7	66.4	66.9	64.7	65.0	66.8
Unemployment rate .....	5.0	6.5	5.4	5.8	6.0	4.9	4.9	5.3	5.0	5.0	4.9	4.9	5.0
<b>Kentucky</b>													
Civilian labor force .....	1,785.8	1,809.2	1,814.8	1,801.5	1,792.1	1,804.2	1,794.4	1,813.6	1,826.2	1,829.7	1,842.7	1,831.5	1,854.7
Employed .....	1,682.5	1,728.0	1,715.2	1,714.8	1,704.0	1,718.4	1,706.5	1,718.2	1,737.2	1,736.8	1,748.0	1,743.2	1,768.8
Unemployed .....	103.3	81.3	99.6	86.8	88.1	85.8	87.9	95.4	89.1	93.0	94.7	88.3	85.8
Unemployment rate .....	5.8	4.5	5.5	4.8	4.9	4.8	4.9	5.3	4.9	5.1	5.1	4.8	4.6
<b>Louisiana</b>													
Civilian labor force .....	1,876.8	1,924.4	1,925.0	1,892.5	1,917.8	1,937.0	1,918.1	1,950.1	1,974.2	1,978.4	1,971.3	1,971.2	1,941.2
Employed .....	1,735.9	1,761.3	1,775.7	1,738.6	1,757.2	1,783.1	1,771.8	1,799.1	1,818.9	1,826.1	1,806.5	1,810.6	1,794.5
Unemployed .....	140.9	163.2	149.3	153.9	160.6	153.9	146.4	151.1	155.3	152.3	164.9	160.6	146.7
Unemployment rate .....	7.5	8.5	7.8	8.1	8.4	7.9	7.6	7.7	7.9	7.7	8.4	8.1	7.6
<b>Maine</b>													
Civilian labor force .....	624.4	628.0	632.5	625.1	619.6	611.9	611.8	619.3	617.2	614.5	612.1	614.8	618.2
Employed .....	574.7	568.6	585.5	582.2	579.8	576.6	573.5	575.1	574.2	571.4	568.0	574.7	577.3
Unemployed .....	49.7	59.4	47.0	42.9	39.8	35.2	38.4	44.2	43.0	43.1	44.2	40.1	40.9
Unemployment rate .....	8.0	9.5	7.4	6.9	6.4	5.8	6.3	7.1	7.0	7.0	7.2	6.5	6.6

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	1993	1994											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>F</sup>
<b>Maryland</b>													
Civilian labor force .....	2,682.8	2,689.9	2,698.7	2,661.7	2,645.0	2,658.8	2,663.8	2,671.1	2,682.6	2,702.8	2,721.5	2,729.0	2,727.4
Employed .....	2,521.1	2,523.7	2,535.7	2,511.0	2,502.7	2,514.8	2,525.1	2,525.5	2,540.2	2,561.5	2,585.5	2,595.6	2,599.5
Unemployed .....	161.7	166.2	163.0	150.7	142.3	144.0	138.7	145.6	142.3	141.3	136.0	133.3	127.9
Unemployment rate .....	6.0	6.2	6.0	5.7	5.4	5.4	5.2	5.5	5.3	5.2	5.0	4.9	4.7
<b>Massachusetts<sup>1</sup></b>													
Civilian labor force .....	3,168.5	3,182.9	3,151.1	3,164.0	3,151.6	3,169.5	3,170.6	3,204.7	3,184.3	3,194.9	3,201.0	3,190.8	3,193.6
Employed .....	2,972.3	2,958.7	2,952.3	2,974.1	2,960.8	2,984.4	2,981.7	3,014.0	2,997.5	3,018.8	2,997.5	3,005.4	3,014.1
Unemployed .....	196.2	224.2	198.8	189.9	190.8	185.1	188.9	190.7	186.8	176.1	203.5	175.4	179.5
Unemployment rate .....	6.2	7.0	6.3	6.0	6.1	5.8	6.0	6.0	5.9	5.5	6.4	5.5	5.6
<b>Michigan<sup>1</sup></b>													
Civilian labor force .....	4,741.6	4,777.5	4,781.9	4,747.5	4,801.1	4,748.6	4,724.4	4,726.6	4,715.8	4,772.1	4,779.2	4,741.6	4,719.6
Employed .....	4,395.8	4,425.9	4,411.3	4,435.7	4,516.6	4,470.7	4,459.4	4,451.7	4,431.6	4,512.7	4,535.3	4,516.7	4,503.8
Unemployed .....	345.8	351.6	370.6	311.8	284.5	277.9	265.0	274.9	284.2	259.4	243.9	224.9	215.8
Unemployment rate .....	7.3	7.4	7.8	6.6	5.9	5.9	5.6	5.8	6.0	5.4	5.1	4.7	4.6
<b>Minnesota</b>													
Civilian labor force .....	2,487.0	2,539.6	2,582.2	2,545.2	2,562.9	2,594.2	2,550.9	2,516.1	2,547.2	2,546.0	2,573.7	2,588.4	2,630.7
Employed .....	2,367.1	2,426.3	2,475.0	2,436.3	2,455.3	2,504.0	2,459.2	2,428.9	2,455.2	2,451.9	2,479.4	2,498.9	2,537.5
Unemployed .....	119.8	113.3	107.3	108.9	107.6	90.3	91.7	87.2	91.9	94.1	94.3	89.5	93.2
Unemployment rate .....	4.8	4.5	4.2	4.3	4.2	3.5	3.6	3.5	3.6	3.7	3.7	3.5	3.5
<b>Mississippi</b>													
Civilian labor force .....	1,221.9	1,226.5	1,216.3	1,215.2	1,229.2	1,240.0	1,244.3	1,248.3	1,255.0	1,241.0	1,254.5	1,246.4	1,254.8
Employed .....	1,147.6	1,141.8	1,131.3	1,130.9	1,140.0	1,150.0	1,162.8	1,165.8	1,175.9	1,176.2	1,179.0	1,162.7	1,174.3
Unemployed .....	74.3	84.7	85.0	84.2	89.2	90.0	81.5	82.5	79.1	64.8	75.5	83.6	80.4
Unemployment rate .....	6.1	6.9	7.0	6.9	7.3	7.3	6.6	6.6	6.3	5.2	6.0	6.7	6.4
<b>Missouri</b>													
Civilian labor force .....	2,660.8	2,667.4	2,637.8	2,643.8	2,646.8	2,643.9	2,658.2	2,661.7	2,682.7	2,702.0	2,721.1	2,746.2	2,762.6
Employed .....	2,488.1	2,523.8	2,495.1	2,488.8	2,515.3	2,511.0	2,536.7	2,543.2	2,560.4	2,585.7	2,601.7	2,634.2	2,643.0
Unemployed .....	172.7	143.5	142.7	155.0	131.6	132.9	121.5	118.5	122.3	116.3	119.4	112.0	119.6
Unemployment rate .....	6.5	5.4	5.4	5.9	5.0	5.0	4.6	4.5	4.6	4.3	4.4	4.1	4.3
<b>Montana</b>													
Civilian labor force .....	430.1	434.8	433.9	437.2	440.5	438.5	437.1	439.4	440.0	438.0	439.4	444.0	442.0
Employed .....	404.8	410.4	410.6	414.8	417.3	418.0	419.1	419.6	418.9	415.7	417.2	422.1	419.4
Unemployed .....	25.3	24.4	23.2	22.3	23.2	20.5	18.0	19.9	21.1	22.4	22.2	22.0	22.6
Unemployment rate .....	5.9	5.6	5.4	5.1	5.3	4.7	4.1	4.5	4.8	5.1	5.1	4.9	5.1
<b>Nebraska</b>													
Civilian labor force .....	862.1	890.7	899.2	892.2	881.7	883.6	876.1	874.9	877.4	881.4	877.3	876.2	873.0
Employed .....	841.6	868.5	873.7	863.9	855.3	856.1	848.8	851.8	856.7	857.9	855.6	853.8	849.5
Unemployed .....	20.4	22.3	25.5	28.3	26.4	27.6	27.3	23.1	20.7	23.5	21.7	22.4	23.5
Unemployment rate .....	2.4	2.5	2.8	3.2	3.0	3.1	3.1	2.6	2.4	2.7	2.5	2.6	2.7
<b>Nevada</b>													
Civilian labor force .....	764.7	768.1	779.4	780.2	779.2	772.2	775.7	779.1	783.9	788.8	786.2	784.5	784.5
Employed .....	709.0	729.4	741.4	741.1	738.0	730.5	731.0	734.1	735.8	743.2	740.2	738.2	739.4
Unemployed .....	55.7	38.8	38.0	39.1	41.2	41.7	44.7	45.0	48.2	45.6	46.0	46.3	45.1
Unemployment rate .....	7.3	5.0	4.9	5.0	5.3	5.4	5.8	5.8	6.1	5.8	5.9	5.9	5.8
<b>New Hampshire</b>													
Civilian labor force .....	621.5	627.0	618.2	625.7	623.5	617.0	621.8	627.3	630.5	626.2	628.0	630.6	625.7
Employed .....	583.8	596.8	585.0	596.9	594.6	587.4	592.5	596.9	601.2	601.8	602.0	606.8	600.0
Unemployed .....	37.7	30.2	33.2	28.8	28.9	29.5	29.3	30.4	29.4	24.4	26.0	23.8	25.7
Unemployment rate .....	6.1	4.8	5.4	4.6	4.6	4.8	4.7	4.8	4.7	3.9	4.1	3.8	4.1

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1993	1994											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>P</sup>
<b>New Jersey<sup>1</sup></b>													
Civilian labor force .....	3,971.6	4,002.2	3,973.0	3,964.4	3,946.4	3,904.3	3,972.6	4,007.4	4,032.4	4,041.9	4,039.7	4,008.6	3,999.2
Employed .....	3,687.8	3,723.1	3,686.2	3,658.7	3,663.6	3,634.2	3,695.0	3,745.0	3,781.1	3,774.1	3,769.1	3,748.1	3,750.1
Unemployed .....	283.8	279.1	286.8	305.7	282.8	270.1	277.6	262.4	251.3	267.8	270.6	260.5	249.1
Unemployment rate .....	7.1	7.0	7.2	7.7	7.2	6.9	7.0	6.5	6.2	6.6	6.7	6.5	6.2
<b>New Mexico</b>													
Civilian labor force .....	761.5	782.5	780.4	775.2	786.9	785.1	781.1	781.5	789.2	783.7	784.7	787.0	792.3
Employed .....	704.8	736.7	740.2	734.7	745.9	741.8	741.7	740.5	746.8	741.0	741.6	744.0	745.6
Unemployed .....	56.7	45.8	40.2	40.5	41.0	43.2	39.4	40.9	42.3	42.6	43.1	43.0	46.6
Unemployment rate .....	7.4	5.9	5.2	5.2	5.2	5.5	5.0	5.2	5.4	5.4	5.5	5.5	5.9
<b>New York<sup>1</sup></b>													
Civilian labor force .....	8,570.2	8,589.9	8,555.2	8,622.3	8,589.4	8,494.3	8,564.2	8,642.7	8,580.0	8,550.6	8,559.3	8,540.6	8,565.3
Employed .....	7,902.4	7,952.0	7,891.7	7,941.2	7,916.9	7,939.0	7,962.8	8,038.7	7,993.2	8,012.1	8,007.5	8,004.8	8,079.9
Unemployed .....	667.8	637.9	663.5	681.1	672.5	555.3	601.4	604.0	586.8	538.5	551.8	535.8	485.4
Unemployment rate .....	7.8	7.4	7.8	7.9	7.8	6.5	7.0	7.0	6.8	6.3	6.4	6.3	5.7
<b>North Carolina<sup>1</sup></b>													
Civilian labor force .....	3,562.2	3,560.3	3,591.4	3,576.0	3,591.5	3,589.0	3,577.7	3,584.7	3,625.7	3,646.1	3,635.4	3,655.1	3,680.9
Employed .....	3,412.4	3,413.0	3,407.0	3,419.9	3,444.7	3,439.8	3,438.9	3,421.2	3,446.5	3,468.7	3,464.5	3,505.6	3,555.7
Unemployed .....	149.8	147.3	184.4	156.1	146.8	149.2	138.8	163.5	179.2	177.4	170.9	149.5	125.2
Unemployment rate .....	4.2	4.1	5.1	4.4	4.1	4.2	3.9	4.6	4.9	4.9	4.7	4.1	3.4
<b>North Dakota</b>													
Civilian labor force .....	321.7	332.5	332.7	332.3	331.4	334.5	334.1	335.4	335.7	334.4	335.1	331.8	331.7
Employed .....	307.7	316.7	317.6	316.4	318.7	322.3	321.4	322.7	324.6	323.5	324.3	321.6	319.5
Unemployed .....	14.0	15.8	15.1	16.0	12.7	12.2	12.7	12.7	11.2	10.9	10.8	10.2	12.2
Unemployment rate .....	4.4	4.7	4.5	4.8	3.8	3.7	3.8	3.8	3.3	3.3	3.2	3.1	3.7
<b>Ohio<sup>1</sup></b>													
Civilian labor force .....	5,537.8	5,505.9	5,592.6	5,566.9	5,527.6	5,573.4	5,531.9	5,480.5	5,472.0	5,515.6	5,544.6	5,570.0	5,572.2
Employed .....	5,185.7	5,167.2	5,291.8	5,234.4	5,184.0	5,216.0	5,220.9	5,168.2	5,176.7	5,220.2	5,268.8	5,304.6	5,321.8
Unemployed .....	352.1	338.7	300.8	332.5	343.6	357.4	311.0	312.3	295.3	295.4	275.8	265.4	250.4
Unemployment rate .....	6.4	6.2	5.4	6.0	6.2	6.4	5.6	5.7	5.4	5.4	5.0	4.8	4.5
<b>Oklahoma</b>													
Civilian labor force .....	1,524.7	1,580.6	1,577.0	1,563.0	1,564.7	1,565.5	1,544.3	1,543.7	1,544.4	1,551.7	1,556.9	1,564.6	1,550.7
Employed .....	1,432.4	1,478.9	1,467.9	1,458.1	1,461.5	1,469.9	1,451.7	1,451.2	1,447.5	1,460.7	1,467.6	1,475.7	1,466.5
Unemployed .....	92.3	101.7	109.1	104.9	103.2	95.5	92.6	92.5	96.9	90.9	89.3	88.9	84.2
Unemployment rate .....	6.1	6.4	6.9	6.7	6.6	6.1	6.0	6.0	6.3	5.9	5.7	5.7	5.4
<b>Oregon</b>													
Civilian labor force .....	1,613.8	1,608.6	1,604.8	1,608.2	1,607.4	1,642.4	1,652.3	1,670.1	1,680.4	1,679.1	1,664.4	1,655.5	1,638.7
Employed .....	1,505.9	1,493.1	1,490.2	1,507.7	1,512.8	1,547.0	1,555.5	1,579.1	1,589.8	1,595.5	1,582.0	1,575.5	1,554.5
Unemployed .....	108.0	115.5	114.6	100.5	94.6	95.3	96.8	91.0	90.6	83.6	82.4	80.0	84.3
Unemployment rate .....	6.7	7.2	7.1	6.3	5.9	5.8	5.9	5.4	5.4	5.0	5.0	4.8	5.1
<b>Pennsylvania<sup>1</sup></b>													
Civilian labor force .....	5,873.4	5,817.9	5,764.4	5,894.8	5,864.3	5,883.5	5,933.2	5,876.2	5,839.2	5,791.4	5,769.5	5,713.5	5,792.0
Employed .....	5,497.1	5,459.9	5,457.7	5,495.5	5,480.3	5,519.4	5,577.2	5,502.3	5,477.4	5,411.9	5,424.2	5,365.1	5,444.6
Unemployed .....	376.3	358.0	306.7	399.3	384.0	364.1	356.0	373.9	361.8	379.5	345.3	348.4	347.4
Unemployment rate .....	6.4	6.2	5.3	6.8	6.5	6.2	6.0	6.4	6.2	6.6	6.0	6.1	6.0
<b>Rhode Island</b>													
Civilian labor force .....	509.8	523.7	514.9	510.3	497.3	498.6	503.8	503.0	503.2	501.8	500.8	498.7	492.8
Employed .....	468.6	468.8	475.8	471.7	466.5	467.8	471.0	467.7	465.7	464.8	466.4	464.7	463.4
Unemployed .....	41.2	54.9	39.1	38.6	30.8	30.8	32.8	35.3	37.5	37.0	34.4	34.0	29.4
Unemployment rate .....	8.1	10.5	7.6	7.6	6.2	6.2	6.5	7.0	7.5	7.4	6.9	6.8	6.0

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	1993	1994											
	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec. <sup>p</sup>
<b>South Carolina</b>													
Civilian labor force .....	1,829.6	1,792.2	1,830.7	1,813.0	1,821.5	1,821.4	1,820.1	1,826.4	1,835.6	1,833.8	1,852.2	1,854.0	1,842.7
Employed .....	1,688.8	1,688.9	1,712.3	1,691.9	1,693.9	1,705.4	1,710.3	1,715.5	1,726.1	1,725.6	1,738.4	1,742.0	1,748.1
Unemployed .....	140.8	103.2	118.5	121.0	127.7	116.0	109.8	110.9	109.5	108.3	113.8	112.0	94.6
Unemployment rate .....	7.7	5.8	6.5	6.7	7.0	6.4	6.0	6.1	6.0	5.9	6.1	6.0	5.1
<b>South Dakota</b>													
Civilian labor force .....	361.2	362.3	367.8	369.6	369.2	371.2	371.6	372.9	374.6	373.6	374.3	375.5	377.1
Employed .....	349.1	354.1	357.6	358.5	358.8	360.4	360.2	362.0	363.9	362.0	362.9	363.7	365.2
Unemployed .....	12.1	8.2	10.3	11.0	10.4	10.7	11.4	10.9	10.7	11.5	11.4	11.8	11.8
Unemployment rate .....	3.4	2.3	2.8	3.0	2.8	2.9	3.1	2.9	2.8	3.1	3.1	3.1	3.1
<b>Tennessee</b>													
Civilian labor force .....	2,515.2	2,596.2	2,597.6	2,611.4	2,641.3	2,643.7	2,624.4	2,628.3	2,623.0	2,637.4	2,650.2	2,657.2	2,667.5
Employed .....	2,382.6	2,449.7	2,445.7	2,471.6	2,518.1	2,526.7	2,503.1	2,507.9	2,500.4	2,512.5	2,529.5	2,561.0	2,567.3
Unemployed .....	132.6	146.5	151.8	139.8	123.2	117.1	121.3	120.4	122.6	124.9	120.7	96.2	100.3
Unemployment rate .....	5.3	5.6	5.8	5.4	4.7	4.4	4.6	4.6	4.7	4.7	4.6	3.6	3.8
<b>Texas<sup>1</sup></b>													
Civilian labor force .....	9,284.0	9,304.8	9,319.1	9,313.0	9,359.7	9,374.8	9,406.0	9,473.4	9,406.9	9,340.1	9,398.0	9,474.1	9,437.3
Employed .....	8,675.2	8,736.9	8,673.8	8,629.0	8,753.7	8,748.3	8,782.5	8,841.6	8,792.9	8,754.1	8,836.4	8,936.6	8,868.6
Unemployed .....	608.8	567.9	645.3	684.0	606.0	626.5	623.5	631.8	614.0	586.0	561.6	537.5	568.7
Unemployment rate .....	6.6	6.1	6.9	7.3	6.5	6.7	6.6	6.7	6.5	6.3	6.0	5.7	6.0
<b>Utah</b>													
Civilian labor force .....	933.2	963.3	972.8	980.4	979.1	984.7	983.3	986.6	991.8	986.8	988.3	988.0	984.0
Employed .....	901.5	932.7	939.7	946.7	944.5	948.1	950.2	949.6	956.8	951.9	951.3	950.5	949.8
Unemployed .....	31.7	30.5	33.2	33.7	34.6	36.6	33.1	37.0	35.0	34.9	37.0	37.5	34.2
Unemployment rate .....	3.4	3.2	3.4	3.4	3.5	3.7	3.4	3.8	3.5	3.5	3.7	3.8	3.5
<b>Vermont</b>													
Civilian labor force .....	317.1	306.9	311.4	317.2	315.6	310.4	309.4	309.2	311.0	312.7	316.0	314.6	313.2
Employed .....	301.1	292.2	295.5	301.8	302.9	296.8	297.0	296.0	296.7	298.3	301.2	301.2	300.2
Unemployed .....	16.0	14.7	15.9	15.4	12.7	13.6	12.3	13.1	14.2	14.4	14.8	13.4	13.0
Unemployment rate .....	5.0	4.8	5.1	4.8	4.0	4.4	4.0	4.2	4.6	4.6	4.7	4.3	4.2
<b>Virginia</b>													
Civilian labor force .....	3,386.5	3,395.7	3,390.0	3,398.3	3,452.3	3,448.7	3,402.9	3,399.8	3,421.6	3,455.7	3,455.4	3,473.0	3,489.2
Employed .....	3,228.3	3,231.1	3,216.8	3,233.3	3,273.5	3,264.1	3,227.0	3,226.8	3,250.6	3,287.1	3,289.5	3,310.4	3,326.9
Unemployed .....	158.3	164.6	173.2	165.1	178.8	184.6	175.9	173.0	171.1	168.7	165.8	162.6	162.3
Unemployment rate .....	4.7	4.8	5.1	4.9	5.2	5.4	5.2	5.1	5.0	4.9	4.8	4.7	4.7
<b>Washington</b>													
Civilian labor force .....	2,723.6	2,800.6	2,761.8	2,743.1	2,711.4	2,696.0	2,716.7	2,708.8	2,741.9	2,720.9	2,717.6	2,722.1	2,723.3
Employed .....	2,524.8	2,647.2	2,589.8	2,564.7	2,548.7	2,526.5	2,539.3	2,545.6	2,573.3	2,560.7	2,556.7	2,559.8	2,567.5
Unemployed .....	198.8	153.4	172.0	178.4	162.7	169.5	177.4	163.2	168.6	160.2	160.9	162.3	155.8
Unemployment rate .....	7.3	5.5	6.2	6.5	6.0	6.3	6.5	6.0	6.1	5.9	5.9	6.0	5.7
<b>West Virginia</b>													
Civilian labor force .....	795.3	772.6	773.4	777.4	770.9	776.5	784.3	786.8	787.8	781.6	782.5	792.7	785.3
Employed .....	714.5	687.8	690.8	698.2	702.6	706.6	709.2	718.2	717.0	720.7	720.0	731.2	720.1
Unemployed .....	80.8	84.7	82.5	79.3	68.3	69.9	75.1	68.5	70.8	60.9	62.5	61.6	65.2
Unemployment rate .....	10.2	11.0	10.7	10.2	8.9	9.0	9.6	8.7	9.0	7.8	8.0	7.8	8.3
<b>Wisconsin</b>													
Civilian labor force .....	2,743.2	2,799.1	2,844.3	2,826.7	2,802.4	2,788.4	2,804.6	2,809.3	2,815.1	2,823.2	2,806.8	2,793.1	2,773.1
Employed .....	2,611.0	2,672.3	2,700.5	2,691.1	2,669.3	2,671.7	2,683.7	2,683.6	2,689.9	2,696.0	2,683.5	2,670.3	2,647.9
Unemployed .....	132.2	126.8	143.7	135.7	133.0	116.7	121.0	125.7	125.2	127.2	123.2	122.9	125.2
Unemployment rate .....	4.8	4.5	5.1	4.8	4.7	4.2	4.3	4.5	4.4	4.5	4.4	4.4	4.5
<b>Wyoming</b>													
Civilian labor force .....	240.9	252.5	250.7	250.7	249.1	249.7	249.4	249.6	248.7	247.9	247.9	249.2	250.3
Employed .....	227.7	231.9	233.8	234.5	232.5	234.7	234.4	236.4	235.6	236.6	236.0	238.0	239.6
Unemployed .....	13.2	20.5	16.9	16.2	16.6	15.0	15.0	13.2	13.1	11.3	11.9	11.2	10.7
Unemployment rate .....	5.5	8.1	6.7	6.5	6.7	6.0	6.0	5.3	5.3	4.5	4.8	4.5	4.3

<sup>1</sup> Data are obtained directly from the Current Population Survey and incorporate updated 1990 census-based population controls and annual revisions to seasonal adjustment factors.

<sup>p</sup> = preliminary.

NOTE: Data refer to place of residence. All estimates, except those referenced by footnote 1, are provisional and will be revised and reseasonally adjusted 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 selected metropolitan areas**

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Alabama</b> .....	1,997.8	2,061.2	2,059.8	139.1	103.4	95.7	7.0	5.0	4.6
Birmingham .....	425.6	441.2	445.3	20.7	16.0	14.7	4.9	3.6	3.3
Huntsville .....	161.1	162.5	162.2	9.5	6.7	6.2	5.9	4.1	3.8
Mobile .....	244.5	252.4	251.8	18.6	14.1	12.9	7.6	5.6	5.1
Montgomery .....	147.3	153.5	153.4	8.1	6.9	6.2	5.5	4.5	4.0
Tuscaloosa .....	73.5	76.0	76.9	4.0	3.1	2.9	5.4	4.1	3.7
<b>Alaska</b> .....	296.1	304.5	301.9	22.9	22.6	23.9	7.7	7.4	7.9
Anchorage .....	136.5	138.9	138.6	7.3	7.5	7.6	5.3	5.4	5.5
<b>Arizona</b> .....	1,657.2	2,023.7	2,024.3	105.9	116.3	112.7	5.7	5.7	5.6
Phoenix-Mesa .....	1,181.7	1,286.1	1,287.7	55.7	57.2	54.2	4.7	4.5	4.2
Tucson .....	336.7	367.8	367.6	13.4	15.4	14.2	4.0	4.2	3.9
<b>Arkansas</b> .....	1,153.5	1,218.0	1,210.3	68.9	56.6	61.6	6.0	4.6	5.1
Fayetteville-Springdale-Rogers .....	123.9	135.3	134.2	3.4	3.1	3.2	2.7	2.3	2.4
Fort Smith .....	99.4	94.9	93.9	5.7	4.8	5.4	6.3	5.1	5.8
Little Rock-North Little Rock .....	276.1	294.0	292.0	12.4	10.3	10.5	4.5	3.5	3.6
Pine Bluff .....	36.7	38.1	37.7	3.2	2.7	2.8	8.6	7.1	7.4
<b>California<sup>1</sup></b> .....	15,230.0	15,453.2	15,337.7	1,267.7	1,162.2	1,078.3	8.3	7.5	7.0
Bakersfield .....	269.9	269.7	264.3	36.5	35.5	31.6	13.5	13.2	12.0
Fresno .....	409.4	412.4	413.7	55.8	53.7	48.5	13.6	13.0	11.7
Los Angeles-Long Beach <sup>1</sup> .....	4,259.2	4,412.8	4,380.0	378.6	353.0	355.9	8.9	8.0	8.1
Modesto .....	191.5	194.5	189.8	28.2	25.9	24.0	14.7	13.3	12.6
Oakland .....	1,120.7	1,134.7	1,129.2	64.5	61.4	53.3	5.8	5.4	4.7
Orange County .....	1,328.3	1,336.0	1,333.0	76.1	64.0	55.2	5.7	4.8	4.1
Riverside-San Bernardino .....	1,260.9	1,273.8	1,270.1	112.5	99.9	86.4	8.9	7.8	6.8
Sacramento .....	695.0	707.0	699.6	49.4	46.3	40.4	7.1	6.6	5.8
Salinas .....	176.6	177.0	173.8	26.2	18.8	22.4	14.9	10.6	12.9
San Diego .....	1,215.3	1,210.9	1,204.6	81.9	74.3	64.1	6.7	6.1	5.3
San Francisco .....	918.2	913.0	914.8	46.1	43.2	38.5	5.0	4.7	4.2
San Jose .....	841.2	843.0	837.5	47.3	44.4	37.6	5.7	5.3	4.5
Santa Barbara-Santa Maria-Lompoc .....	193.8	195.4	193.4	14.7	13.6	12.6	7.6	7.0	6.5
Santa Rosa .....	225.6	230.4	229.7	13.4	12.4	11.2	5.9	5.4	4.9
Stockton-Lodi .....	234.5	237.6	232.5	30.0	28.3	25.9	12.8	11.9	11.1
Vallejo-Fairfield-Napa .....	229.4	235.5	231.5	16.9	16.6	14.6	7.4	7.1	6.3
Ventura .....	372.5	371.6	369.3	29.6	28.6	24.1	8.0	7.7	6.5
<b>Colorado</b> .....	1,951.0	2,074.2	2,056.4	94.1	75.3	64.9	4.8	3.6	3.2
Boulder-Longmont .....	151.7	161.6	159.4	6.2	5.4	4.1	4.1	3.3	2.5
Denver .....	989.9	1,050.5	1,047.7	44.3	35.8	30.5	4.5	3.4	2.9
<b>Connecticut</b> .....	1,754.2	1,744.0	1,739.2	96.5	82.9	81.6	5.5	4.8	4.7
Bridgeport .....	223.6	220.4	220.1	13.8	11.8	11.3	6.2	5.3	5.2
Danbury .....	114.0	113.7	114.4	4.7	3.9	3.9	4.2	3.4	3.4
Hartford .....	612.9	616.0	612.0	36.2	30.9	30.8	5.9	5.0	5.0
New Haven-Meriden .....	278.4	271.3	270.3	14.8	13.1	12.4	5.3	4.8	4.6
Stamford-Newark .....	187.4	185.7	186.7	6.9	6.5	6.4	3.7	3.5	3.4
Waterbury .....	118.4	115.4	115.4	7.9	6.6	6.6	6.7	5.7	5.7
<b>Delaware</b> .....	378.3	383.2	382.7	20.7	15.7	14.6	5.5	4.1	3.8
Wilmington-Newark .....	283.2	285.2	285.0	15.4	11.4	10.7	5.4	4.0	3.8
<b>District of Columbia</b> .....	304.0	304.2	299.2	24.2	23.2	22.3	7.9	7.6	7.5
Washington .....	2,551.1	2,611.2	2,606.1	104.8	98.8	95.5	4.1	3.8	3.7
<b>Florida<sup>1</sup></b> .....	6,729.5	6,949.1	6,896.2	406.7	430.2	372.3	6.0	6.2	5.4
Daytona Beach .....	183.8	191.0	188.3	11.4	11.4	9.9	6.2	6.0	5.2
Fort Lauderdale .....	705.3	729.0	723.6	41.4	45.5	39.3	5.9	6.2	5.4
Fort Myers-Cape Coral .....	162.6	168.7	167.3	7.8	8.7	7.4	4.8	5.2	4.4
Gainesville .....	97.5	102.1	101.0	3.4	3.6	3.6	3.5	3.5	3.5
Jacksonville .....	481.7	495.1	489.5	23.3	24.2	21.2	4.8	4.9	4.3
Lakeland-Winter Haven .....	196.3	199.6	200.5	14.6	14.5	12.2	7.4	7.2	6.1
Melbourne-Titusville-Palm Bay .....	205.6	211.7	209.4	14.0	13.8	12.7	6.8	6.5	6.1
Miami .....	1,030.7	1,058.3	1,048.6	71.6	81.7	70.5	6.9	7.7	6.7
Orlando .....	727.0	767.0	761.6	39.4	41.6	36.5	5.4	5.4	4.8
Pensacola .....	162.6	166.6	163.9	7.9	8.4	7.2	4.8	5.0	4.4
Sarasota-Bradenton .....	237.7	247.2	243.5	10.0	10.5	8.6	4.2	4.2	3.5
Tallahassee .....	136.9	142.4	140.4	5.6	5.4	4.8	4.1	3.8	3.4
Tampa-St. Petersburg-Clearwater .....	1,046.6	1,070.7	1,063.7	57.4	56.4	49.5	5.5	5.3	4.7
West Palm Beach-Boca Raton .....	445.3	454.8	450.7	22.0	35.3	29.9	7.2	7.8	6.6

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Georgia</b> .....	3,566.9	3,635.9	3,644.3	188.7	162.9	158.7	5.3	4.5	4.4
Albany .....	52.9	52.4	52.5	4.0	3.3	3.1	7.6	6.3	6.0
Athens .....	64.6	65.9	64.2	2.6	2.2	2.3	4.0	3.3	3.5
Atlanta .....	1,835.9	1,886.4	1,895.2	88.2	76.6	74.8	4.8	4.1	3.9
Augusta-Aiken .....	204.5	203.5	202.9	14.1	11.0	10.1	6.9	5.4	5.0
Columbus .....	111.8	112.3	112.3	7.1	6.0	5.7	6.3	5.4	5.0
Macon .....	143.1	143.4	143.2	7.7	7.3	6.9	5.4	5.1	4.8
Savannah .....	126.7	125.9	125.7	7.4	6.1	5.9	5.8	4.8	4.7
<b>Hawaii</b> .....	582.8	596.3	591.3	20.5	32.0	28.0	3.5	5.4	4.7
Honolulu .....	427.7	434.5	430.1	11.9	18.2	15.6	2.8	4.2	3.6
<b>Idaho</b> .....	550.5	593.9	593.1	32.9	31.3	39.2	6.0	5.3	6.6
Boise City .....	177.3	196.6	195.5	8.0	9.1	10.0	4.5	4.6	5.1
<b>Illinois</b> <sup>1</sup> .....	6,031.0	5,989.1	5,966.7	352.7	268.8	252.6	5.8	4.5	4.2
Bloomington-Normal .....	79.0	78.3	78.2	3.7	2.0	2.2	4.7	2.6	2.8
Champaign-Urbana .....	95.9	93.8	92.5	4.0	2.8	2.7	4.2	3.0	2.9
Chicago .....	4,003.6	3,977.0	3,967.6	223.5	172.5	160.7	5.6	4.3	4.0
Davenport-Moline-Rock Island .....	184.8	185.8	183.4	9.5	7.9	7.8	5.1	4.3	4.2
Decatur .....	60.0	59.0	58.4	4.6	3.7	3.4	7.7	6.3	5.9
Kankakee .....	49.9	49.5	49.5	3.5	3.0	2.8	7.1	6.1	5.6
Peoria-Pekin .....	171.2	170.0	169.9	9.5	6.6	6.6	5.5	3.9	3.9
Rockford .....	184.4	183.7	183.2	11.6	7.8	7.4	6.3	4.2	4.0
Springfield .....	105.8	105.5	104.8	5.0	4.0	3.8	4.7	3.8	3.6
<b>Indiana</b> .....	2,966.5	3,100.3	3,126.5	149.8	130.5	131.4	5.1	4.2	4.2
Bloomington .....	61.5	64.0	64.5	3.4	2.1	2.4	5.5	3.3	3.7
Elkhart-Goshen .....	91.5	96.2	96.6	4.6	3.5	3.3	5.1	3.6	3.4
Evansville-Henderson .....	150.2	152.7	152.4	6.8	6.8	7.0	4.6	4.4	4.6
Fort Wayne .....	252.8	266.5	268.7	12.2	9.7	10.8	4.8	3.6	4.0
Gary .....	294.5	305.7	306.5	17.0	16.4	15.5	5.8	5.4	5.0
Indianapolis .....	768.1	801.6	808.6	31.7	29.4	28.0	4.1	3.7	3.5
Kokomo .....	52.6	54.1	54.7	2.4	2.3	2.0	4.6	4.2	3.7
Lafayette .....	87.4	93.2	95.2	3.1	2.9	3.1	3.5	3.1	3.3
Muncie .....	66.1	67.9	68.7	3.5	3.0	3.2	5.2	4.3	4.6
South Bend .....	130.5	136.5	137.3	6.0	5.0	5.1	4.6	3.7	3.7
Terre Haute .....	73.5	74.3	74.6	4.5	3.9	4.0	6.1	5.3	5.3
<b>Iowa</b> .....	1,558.2	1,567.5	1,539.5	58.3	47.4	50.8	3.7	3.0	3.3
Cedar Rapids .....	107.4	107.0	105.5	3.2	2.6	2.7	3.0	2.4	2.5
Des Moines .....	251.2	252.2	245.2	6.9	6.3	6.3	2.8	2.5	2.6
Dubuque .....	51.0	50.0	49.3	1.9	1.3	1.5	3.8	2.5	3.1
Iowa City .....	65.8	66.5	65.2	1.4	1.5	1.4	2.1	2.3	2.2
Sioux City .....	64.4	64.1	62.7	1.7	1.7	1.7	2.7	2.6	2.6
Waterloo-Cedar Falls .....	70.1	69.1	67.6	3.2	2.6	2.7	4.6	3.8	3.9
<b>Kansas</b> .....	1,319.0	1,337.5	1,322.8	61.7	64.0	61.9	4.7	4.8	4.7
Lawrence .....	49.1	49.4	49.1	2.3	2.3	2.4	4.8	4.7	4.8
Topeka .....	90.3	89.9	88.7	4.4	4.2	3.9	4.8	4.6	4.4
Wichita .....	268.5	268.1	264.5	13.8	14.4	12.9	5.1	5.4	4.9
<b>Kentucky</b> .....	1,778.1	1,839.0	1,846.7	96.1	85.6	81.1	5.4	4.7	4.4
Lexington .....	234.3	243.5	243.0	7.9	7.9	6.4	3.4	3.3	2.6
Louisville .....	510.7	524.3	529.0	26.6	20.1	22.5	5.2	3.8	4.2
Owensboro .....	44.7	47.1	46.8	1.9	2.4	1.8	4.3	5.1	3.8
<b>Louisiana</b> .....	1,847.0	1,965.3	1,904.5	132.6	148.2	137.7	7.2	7.5	7.2
Alexandria .....	54.5	57.7	56.1	3.7	4.1	3.9	6.9	7.0	7.0
Baton Rouge .....	264.3	283.8	275.4	17.3	19.5	17.9	6.5	6.9	6.5
Houma .....	75.3	79.3	77.4	5.2	5.2	5.6	7.0	6.6	7.2
Lafayette .....	151.6	160.5	155.3	10.2	11.6	10.3	6.7	7.2	6.6
Lake Charles .....	78.3	82.4	79.9	5.6	6.6	5.8	7.2	8.0	7.3
Monroe .....	63.6	67.0	64.5	4.1	4.8	4.0	6.5	7.2	6.2
New Orleans .....	574.4	603.5	585.7	37.4	42.3	38.7	6.5	7.0	6.6
Shreveport-Bossier City .....	167.4	179.5	172.4	12.3	13.9	12.2	7.4	7.7	7.1
<b>Maine</b> .....	615.2	608.0	609.0	47.6	41.3	39.8	7.7	6.8	6.5
Lewiston-Auburn .....	50.7	50.0	50.4	3.7	3.1	2.9	7.3	6.2	5.8
Portland .....	120.4	117.3	118.4	6.4	5.0	4.8	5.4	4.3	4.1

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Maryland</b> .....	2,660.2	2,723.9	2,707.7	153.9	131.6	121.3	5.8	4.8	4.5
Baltimore .....	1,205.2	1,230.3	1,221.7	81.3	69.3	62.6	6.7	5.6	5.1
<b>Massachusetts<sup>1</sup></b> .....	3,168.8	3,172.5	3,194.0	183.4	165.4	167.7	5.8	5.2	5.2
Boston .....	1,745.7	1,755.7	1,770.3	85.1	80.8	79.9	4.9	4.6	4.5
Brockton .....	120.4	121.9	122.5	7.7	6.8	6.9	6.4	5.6	5.7
Fitchburg-Leominster .....	68.4	68.8	68.8	4.3	4.0	4.0	6.3	5.8	5.8
Lawrence .....	187.1	188.5	188.3	14.2	11.2	10.9	7.6	5.9	5.8
Lowell .....	151.8	152.2	152.7	9.8	8.6	8.3	6.4	5.6	5.4
New Bedford .....	81.8	81.3	81.6	7.4	7.1	7.4	9.1	8.7	9.1
Pittsfield .....	41.1	41.1	41.2	3.1	2.7	2.8	7.5	6.5	6.8
Springfield .....	290.9	283.4	285.1	18.8	16.2	16.3	6.5	5.7	5.7
Worcester .....	246.2	245.9	247.4	13.0	11.1	11.3	5.3	4.5	4.6
<b>Michigan<sup>1</sup></b> .....	4,734.0	4,738.6	4,709.0	322.1	198.6	193.7	6.8	4.2	4.1
Ann Arbor .....	280.9	280.0	279.4	12.1	7.6	7.6	4.3	2.7	2.7
Benton Harbor .....	82.5	83.6	82.3	5.9	3.6	3.4	7.2	4.4	4.2
Detroit .....	2,141.3	2,131.1	2,129.0	142.3	81.2	79.9	6.6	3.8	3.8
Flint .....	198.9	196.7	197.3	17.7	10.6	10.2	8.9	5.4	5.2
Grand Rapids-Muskegon-Holland .....	521.0	530.4	524.4	28.9	19.1	17.3	5.5	3.6	3.3
Jackson .....	74.9	74.5	74.3	5.4	3.1	3.3	7.2	4.2	4.4
Kalamazoo-Battle-Creek .....	227.2	229.2	226.9	13.1	8.6	8.0	5.8	3.7	3.5
Lansing-East Lansing .....	237.7	237.6	236.7	11.6	7.5	7.2	4.9	3.2	3.0
Saginaw-Bay City-Midland .....	194.8	196.8	195.9	13.3	9.0	8.7	6.8	4.6	4.5
<b>Minnesota</b> .....	2,452.6	2,588.3	2,592.8	110.9	77.9	86.1	4.5	3.0	3.3
Duluth-Superior .....	116.3	118.7	119.4	7.6	5.7	5.8	6.5	4.8	4.8
Minneapolis-St. Paul .....	1,508.6	1,584.3	1,599.1	53.8	39.8	41.9	3.6	2.5	2.6
Rochester .....	63.4	65.2	65.1	2.3	1.7	1.8	3.6	2.6	2.7
St. Cloud .....	88.0	91.5	91.2	5.2	2.7	3.4	5.9	2.9	3.8
<b>Mississippi</b> .....	1,219.6	1,247.0	1,253.0	62.3	72.1	68.0	5.1	5.8	5.4
Jackson .....	211.8	217.6	220.7	7.3	8.8	7.8	3.5	4.0	3.5
<b>Missouri</b> .....	2,646.0	2,732.0	2,747.5	167.3	105.8	117.3	6.3	3.9	4.3
Kansas City .....	879.2	912.0	918.4	45.0	35.2	36.7	5.1	3.9	4.0
St. Louis LMA .....	1,279.6	1,322.1	1,324.1	75.8	51.3	51.7	5.9	3.9	3.9
Springfield .....	153.2	162.1	162.8	7.5	4.6	5.1	4.9	2.8	3.1
<b>Montana</b> .....	424.8	440.2	435.9	26.5	22.0	24.2	6.2	5.0	5.6
<b>Nebraska</b> .....	852.4	873.9	862.7	18.9	18.4	21.1	2.2	2.1	2.4
Lincoln .....	130.8	131.2	128.7	2.5	2.5	2.7	1.9	1.9	2.1
Omaha .....	350.6	351.2	347.4	8.4	8.1	8.3	2.4	2.3	2.4
<b>Nevada</b> .....	763.4	784.5	782.8	53.6	44.1	44.1	7.0	5.6	5.6
Las Vegas .....	554.2	569.6	570.8	39.7	32.7	33.1	7.2	5.7	5.8
Reno .....	162.4	166.0	165.8	10.2	8.5	9.0	6.3	5.1	5.4
<b>New Hampshire</b> .....	621.0	634.3	625.2	37.5	24.7	25.9	6.0	3.9	4.1
Manchester .....	96.1	98.3	97.8	4.9	3.7	3.9	5.1	3.8	4.0
Nashua .....	95.1	97.5	96.3	5.6	4.0	4.5	5.9	4.1	4.7
Portsmouth-Rochester .....	119.5	121.9	119.8	6.6	4.4	5.0	5.5	3.6	4.2
<b>New Jersey<sup>1</sup></b> .....	3,986.6	4,000.0	4,017.1	267.3	247.4	231.6	6.7	6.2	5.8
Atlantic-Cape May .....	163.5	165.6	164.2	17.5	16.9	16.3	10.7	10.2	9.9
Bergen-Passaic .....	663.0	662.7	665.7	48.1	42.2	40.1	7.3	6.4	6.0
Jersey City .....	283.2	288.3	288.6	26.3	24.9	23.9	9.3	8.6	8.3
Middlesex-Somerset-Hunterdon .....	590.7	594.6	597.4	29.6	27.4	25.0	5.0	4.6	4.2
Monmouth-Ocean .....	484.9	494.4	494.4	30.3	28.0	26.0	6.3	5.7	5.3
Newark .....	1,002.6	1,001.9	1,006.6	67.7	61.8	57.1	6.8	6.2	5.7
Trenton .....	172.1	170.4	172.4	9.1	8.8	8.2	5.3	5.2	4.8
Vineland-Millville-Bridgeton .....	64.3	64.5	64.1	7.0	6.2	6.0	10.8	9.6	9.4
<b>New Mexico</b> .....	756.3	790.0	786.0	51.5	40.6	42.6	6.8	5.1	5.4
Albuquerque .....	330.1	349.0	345.9	20.3	13.1	12.7	6.2	3.8	3.7
Las Cruces .....	61.2	64.3	64.6	4.9	3.7	4.5	8.0	5.8	7.0
Santa Fe .....	72.6	78.6	77.5	2.7	2.6	2.5	3.7	3.3	3.3

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>New York<sup>1</sup></b> .....	8,514.2	8,488.7	8,511.4	636.3	501.5	452.1	7.5	5.9	5.3
Albany-Schenectady-Troy .....	456.5	454.1	460.1	20.5	18.6	17.9	4.5	4.1	3.9
Binghamton .....	127.7	124.5	126.7	8.1	6.6	6.4	6.3	5.3	5.0
Buffalo-Niagara Falls .....	574.2	571.1	578.9	34.0	29.0	27.0	5.9	5.1	4.7
Dutchess County .....	119.1	115.3	116.7	8.3	5.7	5.0	7.0	5.0	4.3
Elmira .....	42.8	42.9	43.8	2.0	2.0	1.8	4.8	4.6	4.1
Glens Falls .....	60.0	60.3	61.5	4.8	4.3	4.1	8.1	7.1	6.7
Nassau-Suffolk .....	1,348.2	1,335.1	1,354.3	74.0	64.3	56.8	5.5	4.8	4.2
New York .....	3,827.4	3,856.1	3,825.7	365.0	269.7	235.4	9.5	7.0	6.2
New York City <sup>1</sup> .....	3,164.5	3,196.6	3,160.7	331.1	239.5	209.9	10.5	7.5	6.6
Newburgh .....	166.4	168.0	169.8	9.3	7.5	7.1	5.6	4.4	4.2
Rochester .....	566.0	567.3	573.0	26.3	24.3	23.1	4.6	4.3	4.0
Syracuse .....	368.4	366.5	369.4	20.8	18.3	16.8	5.6	5.0	4.6
Utica-Rome .....	143.0	143.0	144.4	8.6	7.7	7.5	6.0	5.4	5.2
<b>North Carolina<sup>1</sup></b> .....	3,549.4	3,678.0	3,671.9	134.1	143.1	108.0	3.8	3.9	2.9
Asheville .....	105.1	108.1	108.3	3.3	3.8	2.8	3.2	3.5	2.6
Charlotte-Gastonia-Rock Hill .....	675.5	698.6	699.3	24.6	23.8	17.6	3.6	3.4	2.5
Greensboro-Winston-Salem-High Point .....	601.9	621.6	621.9	18.6	19.5	14.3	3.1	3.1	2.3
Raleigh-Durham-Chapel Hill .....	557.4	555.4	556.2	13.8	14.6	11.1	2.5	2.6	2.0
<b>North Dakota</b> .....	315.7	326.3	323.8	13.8	9.8	11.9	4.4	3.0	3.7
Bismarck .....	46.8	47.1	47.1	2.2	1.4	1.8	4.8	2.9	3.8
Fargo-Moorhead .....	89.0	90.2	90.3	2.9	1.8	2.4	3.3	2.0	2.7
Grand Forks .....	65.2	68.1	68.1	2.0	1.4	1.8	3.1	2.1	2.6
<b>Ohio<sup>1</sup></b> .....	5,505.2	5,559.3	5,543.1	338.1	233.0	234.7	6.1	4.2	4.2
Akron .....	354.9	356.6	356.7	19.9	13.7	14.2	5.6	3.9	4.0
Canton-Massillon .....	201.5	201.1	201.3	13.2	8.8	8.8	6.5	4.4	4.4
Cincinnati .....	801.4	812.1	809.3	40.5	31.2	28.8	5.1	3.8	3.6
Cleveland-Lorain-Elyria .....	1,082.2	1,088.3	1,081.7	66.4	48.3	47.4	6.1	4.4	4.4
Columbus .....	759.0	763.8	759.1	34.7	24.4	24.1	4.6	3.2	3.2
Dayton-Springfield .....	468.3	474.4	470.7	23.8	17.5	17.1	5.1	3.7	3.6
Toledo .....	307.6	310.5	309.0	18.9	13.1	12.9	6.1	4.2	4.2
Youngstown-Warren .....	285.3	288.1	286.8	21.5	15.4	14.8	7.5	5.3	5.2
<b>Oklahoma</b> .....	1,516.6	1,563.4	1,539.5	90.6	81.8	81.8	6.0	5.2	5.3
Enid .....	27.1	27.6	26.7	1.0	1.3	1.0	3.9	4.7	3.8
Lawton .....	42.3	43.2	42.7	2.6	2.7	2.6	6.1	6.2	6.2
Oklahoma City .....	493.8	498.2	490.0	24.6	22.2	21.3	5.0	4.5	4.4
Tulsa .....	376.8	380.3	375.9	22.2	19.4	18.4	5.9	5.1	4.9
<b>Oregon</b> .....	1,604.4	1,658.2	1,628.2	102.1	74.3	78.8	6.4	4.5	4.8
Eugene-Springfield .....	152.2	157.4	156.4	9.8	6.8	7.2	6.4	4.3	4.6
Medford-Ashland .....	81.1	83.3	83.6	5.7	4.4	4.6	7.0	5.2	5.5
Portland-Vancouver .....	938.6	954.6	932.0	49.2	35.4	35.9	5.2	3.7	3.9
Salem .....	151.5	156.9	154.5	9.9	7.1	7.8	6.6	4.6	5.0
<b>Pennsylvania<sup>1</sup></b> .....	5,859.0	5,731.2	5,780.2	338.2	322.4	307.6	5.8	5.6	5.3
Allentown-Bethlehem-Easton .....	271.3	267.3	269.5	16.8	15.1	14.9	6.2	5.7	5.5
Altoona .....	63.0	62.9	63.4	3.9	4.0	4.1	6.2	6.3	6.4
Erie .....	139.2	137.5	137.8	8.7	8.0	7.7	6.2	5.8	5.6
Harrisburg-Lebanon-Carlisle .....	328.5	320.7	325.2	14.0	13.0	13.8	4.3	4.1	4.2
Johnstown .....	105.8	103.4	101.9	9.5	8.6	8.1	9.0	8.3	8.0
Lancaster .....	228.7	223.8	226.9	9.8	8.9	9.4	4.3	4.0	4.1
Philadelphia .....	2,447.2	2,402.6	2,428.1	130.1	131.9	119.1	5.3	5.5	4.9
Pittsburgh .....	1,155.6	1,130.5	1,137.0	66.7	63.7	61.0	5.8	5.6	5.4
Reading .....	177.8	174.4	176.7	8.5	8.0	7.6	4.8	4.6	4.3
Scranton-Wilkes-Barre-Hazleton .....	343.7	335.4	338.7	23.1	20.7	20.3	6.7	6.2	6.0
Sharon .....	53.3	52.8	53.0	4.0	3.0	3.0	7.5	5.7	5.7
State College .....	63.9	64.2	64.6	3.2	3.0	2.8	5.0	4.6	4.4
Williamsport .....	56.6	55.7	56.1	4.1	3.6	3.8	7.2	6.4	6.7
York .....	188.3	185.4	188.3	8.7	8.1	7.6	4.6	4.4	4.1
<b>Rhode Island</b> .....	512.7	500.5	495.7	39.3	31.6	28.1	7.7	6.3	5.7
Providence-Fall River-Warwick .....	589.6	576.7	573.6	46.7	37.0	35.2	7.9	6.4	6.1
<b>South Carolina</b> .....	1,804.6	1,840.3	1,818.8	134.7	101.6	90.5	7.5	5.5	5.0
Charleston-North Charleston .....	240.6	245.0	243.2	15.3	13.6	11.8	6.4	5.6	4.8
Columbia .....	246.9	253.2	252.2	12.6	10.1	8.3	5.1	4.0	3.3
Greenville-Spartanburg-Anderson .....	457.0	471.3	468.1	23.5	18.4	16.1	5.2	3.9	3.4
<b>South Dakota</b> .....	353.9	373.1	369.4	11.5	10.9	11.3	3.3	2.9	3.1
Rapid City .....	41.6	43.1	42.1	1.4	1.5	1.3	3.2	3.5	3.1
Sioux Falls .....	81.1	85.5	85.3	2.2	1.8	2.0	2.8	2.1	2.4

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>	Dec. 1993	Nov. 1994	Dec. 1994 <sup>P</sup>
<b>Tennessee</b> .....	2,498.3	2,687.8	2,642.1	114.5	93.5	82.2	4.6	3.5	3.1
Chattanooga .....	216.0	227.2	225.0	9.0	6.8	5.8	4.1	3.0	2.6
Johnson City-Kingsport-Bristol .....	220.2	225.1	220.5	11.0	8.9	7.7	5.0	4.0	3.5
Knoxville .....	322.3	343.3	336.1	12.3	10.2	9.0	3.8	3.0	2.7
Memphis .....	483.3	517.9	507.0	21.4	19.2	16.1	4.4	3.7	3.2
Nashville .....	561.5	609.3	600.3	18.0	14.1	12.5	3.2	2.3	2.1
<b>Texas<sup>1</sup></b> .....	9,264.6	9,494.3	9,417.9	584.5	530.8	542.2	6.3	5.6	5.8
Abilene .....	59.1	59.1	58.5	3.1	2.6	2.5	5.3	4.4	4.2
Amarillo .....	105.8	110.4	109.8	4.5	3.8	4.2	4.2	3.5	3.8
Austin-San Marcos .....	561.6	588.1	582.3	19.4	19.3	19.4	3.4	3.3	3.3
Beaumont-Port Arthur .....	185.9	187.1	185.6	17.3	16.0	15.8	9.3	8.5	8.5
Brazoria .....	107.8	108.6	107.4	7.0	6.9	7.1	6.5	6.3	6.7
Brownsville-Harlingen-San Benito .....	119.8	119.4	118.4	15.0	11.9	12.2	12.5	9.9	10.3
Bryan-College Station .....	69.8	73.1	71.2	1.9	2.4	2.3	2.8	3.3	3.3
Corpus Christi .....	170.7	175.0	173.1	14.7	14.0	14.6	8.6	8.0	8.4
Dallas .....	1,637.9	1,713.1	1,699.8	84.7	78.9	78.6	5.2	4.6	4.6
El Paso .....	285.5	282.1	282.7	31.5	23.1	24.4	11.0	8.2	8.6
Fort Worth-Arlington .....	792.2	823.7	815.9	42.9	40.1	41.2	5.4	4.9	5.0
Galveston-Texas City .....	124.9	124.6	123.7	9.6	8.7	9.1	7.7	7.0	7.4
Houston .....	1,939.3	1,969.2	1,961.1	120.8	111.6	113.1	6.2	5.7	5.8
Killeen-Temple .....	105.3	111.2	109.6	5.6	5.3	5.0	5.3	4.7	4.6
Laredo .....	64.6	67.0	67.5	5.7	5.3	5.5	8.8	7.9	8.2
Longview-Marshall .....	99.5	101.0	99.8	8.1	6.9	7.0	8.1	6.9	7.0
Lubbock .....	122.0	123.3	120.6	7.7	4.7	4.4	6.3	3.8	3.6
McAllen-Edinburg-Mission .....	176.5	179.1	177.9	27.3	26.7	27.4	15.5	14.9	15.4
Odessa-Midland .....	118.3	119.7	119.4	7.5	7.6	7.5	6.3	6.4	6.2
San Angelo .....	50.4	52.0	51.2	2.8	2.2	2.1	5.5	4.2	4.1
San Antonio .....	696.4	709.2	702.9	35.8	30.8	30.7	5.1	4.3	4.4
Sherman-Denison .....	46.4	46.6	46.0	2.9	2.5	2.6	6.2	5.4	5.6
Texarkana .....	56.7	57.4	56.9	4.7	4.3	4.4	8.3	7.4	7.7
Tyler .....	81.2	82.5	83.3	5.0	4.0	6.2	6.2	4.9	7.5
Victoria .....	42.6	42.6	42.2	2.3	2.5	2.5	5.4	5.8	6.0
Waco .....	97.9	101.9	100.7	5.7	4.4	4.6	5.8	4.3	4.5
Wichita Falls .....	63.0	63.9	63.1	3.4	3.0	3.0	5.4	4.6	4.8
<b>Utah</b> .....	937.8	996.3	987.6	29.3	38.2	31.2	3.1	3.8	3.2
Provo-Orem .....	139.8	148.0	146.6	4.0	5.1	3.9	2.9	3.5	2.7
Salt Lake City-Ogden .....	605.8	639.7	635.5	17.7	23.2	18.6	2.9	3.6	2.9
<b>Vermont</b> .....	316.2	315.1	314.0	14.7	13.1	12.2	4.7	4.2	3.9
Burlington .....	92.3	92.9	92.8	3.3	2.7	2.7	3.6	2.9	2.9
<b>Virginia</b> .....	3,347.3	3,447.5	3,446.2	151.1	153.7	152.6	4.5	4.5	4.4
Charlottesville .....	70.5	72.4	71.9	2.5	2.5	2.3	3.5	3.4	3.2
Danville .....	57.8	59.4	58.8	3.4	3.7	3.8	5.8	6.2	6.4
Lynchburg .....	106.5	108.4	107.6	4.8	4.5	4.3	4.5	4.1	4.0
Norfolk-Virginia Beach-Newport News .....	677.8	720.3	721.7	34.1	36.3	35.1	5.0	5.0	4.9
Richmond-Petersburg .....	488.2	498.4	498.3	19.8	21.3	19.6	4.1	4.3	3.9
Roanoke .....	127.9	131.1	131.5	5.8	4.5	5.1	4.6	3.4	3.9
<b>Washington</b> .....	2,730.8	2,720.1	2,733.1	209.4	166.8	168.5	7.7	6.1	6.2
Seattle-Bellevue-Everett .....	1,225.1	1,213.3	1,226.4	77.7	61.9	60.4	6.3	5.1	4.9
<b>West Virginia</b> .....	797.2	792.2	789.3	81.3	58.0	66.0	10.2	7.3	8.4
Charleston .....	127.1	127.2	126.9	9.1	7.0	7.6	7.1	5.5	6.0
Huntington-Ashland .....	130.0	130.5	129.7	10.3	8.6	8.4	7.9	6.6	6.5
Parkersburg-Marietta .....	75.1	75.2	75.2	6.1	4.1	4.6	8.1	5.5	6.2
Wheeling .....	72.5	72.6	72.6	6.8	4.0	4.4	9.4	5.5	6.1
<b>Wisconsin</b> .....	2,726.0	2,782.6	2,753.3	114.8	107.0	108.1	4.2	3.8	3.9
Appleton-Oshkosh-Neenah .....	204.9	209.7	206.8	6.8	6.4	6.5	3.3	3.0	3.1
Eau Claire .....	72.6	74.7	72.8	3.8	3.8	3.5	5.3	5.1	4.8
Green Bay .....	117.9	123.5	123.1	4.3	3.9	4.0	3.6	3.2	3.3
Janesville-Beloit .....	74.2	75.4	75.3	3.6	2.8	3.0	4.8	3.7	3.9
Kenosha .....	72.0	71.3	72.4	2.8	2.7	2.7	3.8	3.7	3.8
La Crosse .....	66.9	69.1	68.2	2.6	2.1	2.1	3.8	3.1	3.1
Madison .....	238.7	244.0	241.3	4.7	4.3	4.5	2.0	1.8	1.9
Milwaukee-Waukesha .....	758.9	765.3	767.1	27.3	28.1	26.0	3.6	3.7	3.4
Racine .....	89.6	91.2	90.6	4.1	4.0	4.2	4.6	4.4	4.6
Sheboygan .....	57.7	58.3	58.0	1.6	1.6	1.6	2.9	2.7	2.8
Wausau .....	66.3	68.1	66.6	3.5	3.6	3.2	5.3	5.3	4.8
<b>Wyoming</b> .....	239.3	248.0	248.5	14.2	10.7	11.8	5.9	4.3	4.7
Casper .....	31.3	31.6	31.7	2.2	1.4	1.6	7.0	4.5	5.0

<sup>1</sup> Data are obtained directly from the Current Population Survey and reflect updated 1990 census-based population controls.  
<sup>P</sup> Preliminary.  
NOTE: Data refer to place of residence. All estimates, except those referenced

by footnote 1, 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.

# 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 Bureau of the Census 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 located in 729 sample areas. These areas are chosen to represent all counties and independent cities in the U.S., 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 over 390,000 establishments employing over 47 million nonfarm wage and salary workers. The data relate to all workers, full or part time, who receive pay during the payroll period which includes the 12th of the month.

### RELATION BETWEEN THE HOUSEHOLD AND ESTABLISHMENT SERIES

The household and establishment data complement one another, each providing significant types of information that the other cannot suitably supply. Population characteristics,

for example, are obtained only from the household survey, whereas detailed industrial classifications are much more reliably derived from establishment reports.

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

#### Employment

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

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

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

## Hours of work

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

## Earnings

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

## COMPARABILITY OF HOUSEHOLD DATA WITH OTHER SERIES

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

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

For an examination of the similarities and differences between State insured unemployment and total unemployment, see "Measuring Total and State Insured Unemployment" by Gloria P. Green in the June 1971 issue of the *Monthly Labor Review*.

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

## COMPARABILITY OF PAYROLL EMPLOYMENT DATA WITH OTHER SERIES

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

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

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

# Household Data

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

### COLLECTION AND COVERAGE

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

Each month about 60,000 occupied units are eligible for interview. Some 2,600 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 4 and 5 percent. In addition to the 60,000 occupied units, there are 11,500 sample units in an average month which are visited but found to be vacant or otherwise not eligible for enumeration. Part of the sample is changed each month. The rotation plan, as explained later, provides for three-fourths of the sample to be common from one month to the next, and one-half to be common with the same month a year earlier.

### CONCEPTS AND DEFINITIONS

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

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

*Employed persons.* All persons who, during the reference week, (a) did any work at all (at least 1 hour) as paid employees in their own business, profession, or on their own farm, or who worked 15 hours or more as unpaid workers in an enterprise operated by a member of the family, and (b) all those who were not working but who had jobs or businesses from which they were temporarily absent because of vacation, illness, bad weather, 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 some time during the 4-week period ending with the reference week. Persons who were waiting to be recalled to a job from which they had been laid off need not have been looking for work to be classified as unemployed.

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

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



and “persons who completed temporary jobs” are combined into a single category until seasonal adjustments can be developed for the separate categories.)

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

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

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

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

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

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

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

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

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

*Multiple jobholders.* These are employed persons who, during the reference week, had either two or more jobs as a wage and salary worker, were self-employed and also held a wage and salary job, or worked as an unpaid family worker and also held a wage and salary job. A person employed only in private households (cleaner, gardener, babysitter, etc.) who worked for two or more employers during the reference week is not counted as a multiple jobholder, since working for several employers is considered an inherent characteristic of private household work. Also excluded are self-employed persons with multiple businesses and persons with multiple jobs as unpaid family workers.

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

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

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

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

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

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

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

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

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

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

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

*Family.* A family is defined as a group of two or more persons residing together who are related by birth, marriage, or adoption; all such persons are considered as members of one family. Families are classified either as married-couple families or as families maintained by women or men without spouses. A family maintained by a woman or a man is one in which the householder is either single, widowed, divorced, or married, spouse absent. Data on the earnings of families exclude all those in which there is no wage or salary earner or in which the husband, wife, or other person maintaining the family is either self-employed or in the Armed Forces.

## HISTORICAL COMPARABILITY

### Changes in concepts and methods

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

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

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

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

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

reference week but waiting to start new jobs, which was transferred to not in the labor force.

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

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

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

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

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

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

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

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

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

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

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

d) Specific questions were added about the expectation of recall for persons who indicate that they are on layoff. To be classified as "on temporary layoff," persons must expect to be recalled to their jobs. Previously, the questionnaire did not include explicit questions about the expectation of recall.

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

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

Survey Effective January 1994," in the February 1994 issue of this publication.

### Noncomparability of labor force levels

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

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

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

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

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

- In March 1973, a subsequent population adjustment based on the 1970 census was introduced. This adjustment, which affected the white and black-and-other groups but had little effect on totals, resulted in the reduction of nearly 300,000 in the white population and an increase of the same magnitude in the black-and-other population. Civilian labor force and total employment figures were affected to a lesser degree; the white labor force was reduced by 150,000, and the black-and-other labor force rose by about 210,000. Unemployment levels and rates were not significantly affected.

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

- Effective in July 1975, as a result of the large inflow of Vietnamese refugees into the United States, the total and

black-and-other independent population controls for persons 16 years and over were adjusted upward by 76,000—(30,000 men and 46,000 women.) The addition of the refugees increased the black-and-other population by less than 1 percent in any age-sex group, with all of the changes being confined to the “other” component of the population.

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

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

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

- Beginning in January 1982, the second-stage ratio adjustment method was changed. The purpose of the change and an indication of its effect on national estimates of labor force characteristics appear in “Revisions in the Current Population Survey Beginning in January 1982” in the February 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 is also described in the February 1982 article cited above. The revisions did not, however, smooth out the breaks in series occurring between 1972 and 1979 (de-

scribed above), and data users should consider them when comparing estimates from different periods.

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

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

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

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

- Beginning in January 1994, population estimates used in the second-stage estimation procedure were based on

information obtained from the 1990 census (adjusted for the undercount as measured by the Census Bureau's Post Enumeration Survey). This change resulted in substantial increases in total population and in all major labor force categories. Under the new population controls, the civilian noninstitutional population increased by about 1.3 million, with much of the increase occurring among Hispanics. Estimates of employment were raised by about 950,000, and unemployment by approximately 200,000. In addition, the overall unemployment rate rose by about 0.1 percentage point, largely reflecting the increase in the Hispanic share of the population, which has a higher-than-average incidence of unemployment. For further information, see "Revisions in the Current Population Survey Effective January 1994," in the February 1994 issue of this publication.

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

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

Beginning in 1971, the comparability of occupational employment data was affected as a result of changes in the occupational classification system for the 1970 census that were introduced into the CPS. Comparability was further affected in December 1971, when a question relating to major activity or duties was added to the monthly CPS questionnaire in order to determine more precisely the occupational classification of individuals. As a result of these changes, meaningful comparisons of occupational employment levels could not be made between 1971-72 and prior years nor between those 2 years. Unemployment rates were not significantly affected. For a further explanation of the changes in the occupational classification system, see "Revisions in Occupational Classifications for 1971" and "Revisions in the Current Population Survey" in the February 1971 and February 1972 issues, respectively, of this publication.

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

The industrial classification system used in the 1980 census was based on the 1972 Standard Industrial Classification (SIC) system, as modified in 1977. The adoption of the new system had much less of an adverse effect on historical comparability than did the new occupational system. The

most notable changes from the 1970 system were the transfer of farm equipment stores from "retail" to "wholesale" trade, postal service from "public administration" to "transportation," and some interchange between "professional and related services" and "public administration." Additional information on the 1980 census occupational and industrial classification systems appears in "Revisions in the Current Population Survey Beginning in January 1983" in the February 1983 issue of this publication.

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

### **Sampling**

Since the inception of the survey, there have been various changes in the design of the CPS sample. The sample is traditionally redesigned and a new sample selected after each decennial census. Also, the number of sample areas and the number of sample persons are changed occasionally. Most of these changes are made in order to improve the efficiency of the sample design and/or to increase the reliability of the sample estimates. When Alaska and Hawaii received statehood, 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 Standard Metropolitan Statistical Areas (SMSA's), which were redefined in 1973. In January 1985, a new State-based CPS sample was selected based on 1980 census information. A sample reduction of about 4,000 households was implemented in April 1988; they were reinstated during the 8-month period, April-November 1989. A redesigned CPS sample based on the 1990 decennial census has been selected for use during the 1990's. Households from this new sample will be phased in during the April 1994 through July 1995 period. For further information, see "Redesign of the

Sample for the Current Population Survey" in the May 1994 issue of this publication.

The 1980 census-based sample design includes about 72,000 housing units per month located in 729 selected geographic areas called primary sampling units (PSU's). The sample was initially selected so that specific reliability criteria were met nationally, for each of the 50 States, for the District of Columbia, and for the sub-State areas of New York City and the Los Angeles-Long Beach metropolitan area. Since 1985, these reliability criteria have been maintained through periodic additions and deletions in the State samples. The criteria, given below, are based on the coefficient of variation (CV) of the unemployment rate, 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.

Nationally, a 1.8-percent CV is maintained on the monthly unemployment rate estimate. This means that a change of 0.2 percentage point in the unemployment rate is significant at a 90-percent confidence level.

In 11 States—California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas—the most populous States at the time of the 1980 decennial census, an 8-percent CV is maintained on the monthly unemployment rate estimates. In the other 39 States and the District of Columbia, an 8-percent CV is maintained on the annual unemployment rate estimate. In New York City and the Los Angeles-Long Beach metropolitan area, a 9-percent CV is maintained on the monthly unemployment rate estimates.

In the first stage of sampling, the 729 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, 4 to 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 113,000 persons 16 years of age and older.

*Selection of sample areas.* The entire area of the United States, consisting of 3,137 counties and independent cities, is divided into 1,973 sample units (PSU's). 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 PSU's. Outside of metropolitan areas, counties

normally are combined, except where the geographic area of the sample county is very large. Combining counties to form PSU's 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 to have the PSU sufficiently compact so that, with a small sample spread throughout, it can be efficiently canvassed without undue travel cost.

The 1,973 PSU's 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. There are 314 PSU's in strata by themselves that are self-representing, and generally these are the most populated PSU's in each State. The remaining strata are formed by combining PSU's that are similar in such characteristics as population growth; proportions of blacks and of Hispanics (in certain States); and population distribution by occupation, industry, age, and sex. The PSU's, randomly selected from these strata, are non-self-representing, because each one chosen represents the entire stratum. The probability of selecting a particular PSU in a non-self-representing stratum is proportional to its 1980 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 the reliability requirements for estimates for each State. The State sampling ratios range roughly from 1 in every 200 households to 1 in every 2,500 households in each stratum of the State. 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 with a State sampling ratio of 1 in 2,500, the within-PSU sampling ratio that results is 1 in 250, thereby achieving the desired ratio of 1 in 2,500 for the stratum.

Within each designated PSU, several steps are involved in selecting the housing units to be enumerated. First, the 1980 census enumeration districts (ED's), which are administrative units and contain on the average about 300 housing units, are ordered so that the sample would reflect the demographic and residential characteristics of the PSU. Within each ED, the housing units are sorted geographically and are grouped into clusters of approximately four housing units. Next, a systematic sample of these clusters of housing units is selected.

The identification of the sample housing units within an ED is made wherever possible from the list of ED addresses compiled during the 1980 census. The address lists are used in about three-fourths of the ED's, primarily in urban areas. Area sampling is applied in the remaining ED's, mostly in

rural areas. In ED's where address lists are used, automated methods are used to form clusters of geographically contiguous housing units. An effort is made to have all small, multi-unit addresses (two to four housing units) included in the same cluster. The methods use the within-PSU sampling ratio to identify appropriate clusters for the sample. Supplemental samples are also prepared to account for addresses in isolated geographic areas and to account for housing units not found on the address lists, including housing units newly constructed in the PSU since the census date. The addresses of these units are obtained mainly from records of building permits.

In those ED's where area sampling methods are used, mainly rural areas, the ED's are subdivided into small land "chunks" with well-defined boundaries and having, in general, an expected "size" of about 8 to 12 housing units or other living quarters. For each subdivided ED, one chunk (or more) is designated for the sample. When a selected chunk contains about four households, for example, all units are included in the sample. When the size of the chunk is several times four units, an interviewer does not conduct interviews at all housing units in the chunk but uses a systematic sampling pattern to obtain approximately four households. The remaining housing units in the chunk are then available for further samples. Area ED's also make use of building permit lists to identify newly constructed housing units.

*Rotation of sample.* Part of the sample is changed each month. For each sample, eight representative subsamples or rotation groups are identified. 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 any 1 month, one-eighth of the rotation groups are in their first month of enumeration, another eighth is in their second month, and so on. Under this system, 75 percent of the sample segments are common from month to month and 50 percent from year to year for the same month. This procedure provides a substantial amount of month-to-month and year-to-year overlap in the sample, thus providing better estimates of change and reducing discontinuities in the series of data without burdening any specific group of households with an unduly long period of inquiry.

Table 1-A provides a description of some aspects of the CPS sample design in use since 1947. A more detailed account of the history of the CPS sample design appears in the *Current Population Survey: Design and Methodology*, Technical Paper No. 40, Bureau of the Census, or *Concepts and Methods Used in Labor Force Statistics Derived from the Current Population Survey*, Report 463, Bureau of Labor Statistics. A description of the 1980 census-based sample appears in "Redesign of the Sample for the Current Population Survey," in the May 1984 issue of this publication.

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

Time period	Number of sample areas	Households eligible		Households visited but not eligible
		Interviewed	Not interviewed	
Aug. 1947 to Jan. 1954 .....	68	21,000	500-1,000	3,000-3,500
Feb. 1954 to Apr. 1956 .....	230	21,000	500-1,000	3,000-3,500
May 1956 to Dec. 1959 .....	<sup>1</sup> 330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963 .....	<sup>2</sup> 333	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
Nov. 1989 to present <sup>3</sup> .....	729	57,400	2,600	11,800

<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.



## 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, almost all sample persons within the same State have the same probability of selection. Exceptions include sample persons in New York and California, where households in New York City and Los Angeles are selected with higher probability. Selection probabilities may also differ for some sample areas due to field subsampling, which is carried out when areas selected for the sample are found to contain many more households than expected. 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 the extent needed 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 4 to 5 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 PSU's 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 PSU's 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 1980 census between 1) the race distribution of the population in sample PSU's and 2) the race distribution of all PSU's (both 1 and 2 exclude self-representing PSU's.)

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 are also usually obtained for estimates of level in a given month, change from year to year, and change over other intervals of time.

### **Rounding of estimates**

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

### **Reliability of the estimates**

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

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

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

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

The effects of some components of nonsampling error in the CPS data can be examined as a result of the rotation plan used for the sample, since the level of the estimates varies by rotation group. A description of these effects appears in "The Effects of Rotation Group Bias on Estimates From Panel

Surveys," by Barbara A. Bailar, *Journal of the American Statistical Association*, Volume 70, No. 349, March 1975.

Undercoverage in the CPS results from missed housing units and missed persons within sample households. The CPS covers about 94 percent of the decennial census population. It is known that the CPS undercoverage varies with age, sex, race, and Hispanic origin. Generally, undercoverage is larger for men than for women and larger for blacks, Hispanics, and other races than for whites. Ratio adjustment to independent age-sex-race-origin population controls, as described previously, partially corrects for the biases due to survey undercoverage. However, biases exist in the estimates to the extent that missed persons in missed households or missed persons in interviewed households have different characteristics than interviewed persons in the same age-sex-race-origin group.

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

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

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

Although the estimating methods used in the CPS do not produce unbiased estimates, biases for most estimates are

believed to be small enough so that these confidence interval statements are approximately true.

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

The generalized variance functions and standard errors provided here are based on the sample design and estimation procedures as of 1987 and have been adjusted to reflect the population levels and sample size as of 1993 as well as the use of new population controls based on the 1990 census. For years prior to 1967, the standard errors obtained must be further adjusted to reflect the CPS sample size in effect at that time. For years prior to 1956, standard errors should be multiplied by 1.5; for the years 1956 through 1966, standard errors should be multiplied by 1.22.

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

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

Tables 1-D and 1-E show standard errors for monthly levels and consecutive monthly changes in levels for general employment status characteristics. The standard errors are calculated using linear interpolation based on the size of the monthly estimates.

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

Table 1-H presents factors used to convert standard errors of monthly levels and rates determined from tables 1-B, 1-C, 1-D, and 1-F to standard errors pertaining to quarterly and yearly averages, consecutive year-to-year changes of monthly estimates, and changes in quarterly and yearly averages.

The standard errors for estimated changes from 1 month to the next, 1 year to the next, etc., depend more on the monthly levels for characteristics than on the size of the changes. Accordingly, tables 1-E, 1-G, and 1-H use monthly levels (not the magnitude of the changes) for approximating

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

Category	Monthly level	Consecutive-month change
Total, 16 years and over:		
Civilian labor force .....	275	204
Employed .....	295	224
Unemployed .....	146	160
Men, 20 years and over:		
Civilian labor force .....	179	152
Employed .....	194	164
Unemployed .....	103	118
Women, 20 years and over:		
Civilian labor force .....	204	155
Employed .....	209	160
Unemployed .....	90	105
Both sexes, 16 to 19 years:		
Civilian labor force .....	89	88
Employed .....	87	86
Unemployed .....	58	75
Black, 16 years and over:		
Civilian labor force .....	127	94
Employed .....	129	98
Unemployed .....	66	75
Men, 20 years and over:		
Civilian labor force .....	72	63
Employed .....	76	67
Unemployed .....	45	53
Women, 20 years and over:		
Civilian labor force .....	90	68
Employed .....	89	68
Unemployed .....	43	50
Both sexes, 16 to 19 years:		
Civilian labor force .....	36	38
Employed .....	31	32
Unemployed .....	28	33
Hispanic origin, 16 years and over:		
Civilian labor force .....	121	85
Employed .....	123	100
Unemployed .....	58	68

standard errors of change. Standard errors for estimated change between nonconsecutive months are not provided (except for year-to-year change); however, these may be assumed to be higher than the standard errors for consecutive monthly change.

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

*Illustration.* Suppose that for a given month the number of women 20 years and over in the civilian labor force is estimated to be 54,000,000. For this characteristic, the approxi-

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

Characteristic	Monthly level	Consecutive-month change
Total, 16 years and over .....	0.11	0.13
Men, 16 years and over .....	.16	.19
Men, 20 years and over .....	.15	.18
Women, 16 years and over .....	.16	.19
Women, 20 years and over .....	.16	.19
Both sexes, 16 to 19 years .....	.76	1.00
White workers .....	.12	.14
Black workers .....	.47	.55
Hispanic-origin workers .....	.53	.63
Married men, spouse present .....	.16	.19
Married women, spouse present .....	.19	.22
Women who maintain families .....	.54	.65
<b>Occupation</b>		
Executive, administrative, and managerial .....	.23	.27
Professional specialty .....	.19	.23
Technicians and related support .....	.48	.57
Sales .....	.31	.37
Administrative support, including clerical .....	.25	.30
Private household .....	1.27	1.51
Protective service .....	.72	.86
Service, except private household and protective service .....	.36	.43
Precision production, craft, and repair .....	.36	.43
Machine operators, assemblers, and inspectors .....	.52	.62
Transportation and material moving .....	.57	.68
Handlers, equipment cleaners, helpers, and laborers .....	.74	.88
Farming, forestry, and fishing .....	.73	.87
<b>Industry</b>		
Nonagricultural private wage and salary workers .....	.13	.16
Goods-producing industries .....	.28	.33
Mining .....	1.57	1.87
Construction .....	.73	.87
Manufacturing .....	.29	.34
Durable goods .....	.38	.45
Nondurable goods .....	.45	.53
Service-producing industries .....	.15	.18
Transportation, communications, and public utilities .....	.43	.51
Wholesale and retail trade .....	.27	.33
Finance and services .....	.19	.23
Government workers .....	.21	.25
Agricultural wage and salary workers .....	1.19	1.42

mate standard error of 204,000 is given in table 1-B in the row, "total, women 20 years and over: Civilian labor force." A 90-percent confidence interval as shown by these data, would then be the interval from 53,674,000 to 54,326,000. Concluding that the true labor force level lies within this interval would be correct for roughly 90 percent of all possible samples.

*Use of tables 1-D and 1-E.* From these tables, approximate standard errors can be calculated for estimates of monthly levels and month-to-month changes in levels for major labor force characteristics by race and Hispanic origin. For major categories not shown, such as male or female, tables 1-F and

1-G can be used. Standard errors for intermediate values not shown in the tables may be approximated by linear interpolation. For table 1-E, which applies to estimates of consecutive month-to-month change, the average of the two monthly levels (not the change) is used to select the appropriate row in the table.

*Illustration.* Assume that between 2 consecutive months the estimated number of employed persons changed from 115,600,000 to 116,700,000, an apparent increase of 1,100,000. The approximate standard error on this month-to-month change estimate is based on the average level of the estimate for the 2 months, 116,150,000. Using the table 1-E column titled "labor force data other than unemployment and agricultural employment, total," it is necessary to find the standard errors corresponding to the two monthly level entries between which the value 116,150,000 lies. The standard error corresponding to 100,000,000 is given as 252,000, and the standard error corresponding to 120,000,000 is given as 223,000. Use linear interpolation to find the approximate standard error on month-to-month change corresponding to the level 116,150,000; one method of calculation is given below.

$$223,000 + \left( \frac{120,000,000 - 116,150,000}{120,000,000 - 100,000,000} \right) (252,000 - 223,000) = 229,000$$

Thus, a 90-percent confidence interval for the true month-to-month change would be approximately the interval from 734,000 to 1,466,000.

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

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

Major characteristics for which consecutive monthly estimates are known to have high or low correlation are indicated in table 1-G. Not all categories in table 1-G, however, are broken down into low or high correlation characteristics. When high or low correlation is not specified in table 1-G, the parameters in this table should be selected from the rows labeled "most characteristics" or from rows not specifying correlation.

**Table 1-D. Standard errors for estimates of monthly levels**

(In thousands)

Estimated monthly level	Characteristic									
	Agricultural employment		Unemployment			Labor force data other than agricultural employment and unemployment				
	Total or white	Black	Total or white	Black	Hispanic origin	Total	White	Black	Hispanic origin	
									Employed	Civilian labor force or not in labor force
50	12	12	11	12	12	11	11	12	13	13
100	17	17	16	17	18	16	16	17	18	18
500	39	37	36	36	39	36	36	37	41	41
1,000	58	51	51	51	55	51	51	51	57	57
2,000	90	71	71	69	77	72	72	71	78	78
4,000	147		100	89	105	101	101	96	103	103
6,000	202		122	98		123	122	111	116	116
8,000	256		140	99		141	140	121	122	122
10,000	310		155	92		156	156	127	122	122
15,000			187			188	187	125	89	89
20,000			213			214	212	98		
30,000						253	249			
40,000						281	275			
50,000						301	293			
60,000						316	304			
70,000						324	308			
80,000						328	307			
100,000						321	287			
120,000						294	238			
140,000						238				
160,000										
180,000										

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

(In thousands)

Estimated monthly level	Characteristic									
	Agricultural employment		Unemployment			Labor force data other than agricultural employment and unemployment				
	Total or white	Black	Total or white	Black	Hispanic origin	Total	White	Black	Hispanic origin	
									Employed	Civilian labor force or not in labor force
50	13	11	14	14	15	9	9	10	11	9
100	18	16	19	19	21	13	13	14	16	13
500	40	35	42	43	46	29	29	30	34	29
1,000	55	49	60	59	65	42	42	42	48	40
2,000	73	67	84	78	89	59	59	58	65	55
4,000	88		115	96	118	82	82	78	86	72
6,000	86		138	97		100	100	90	96	82
8,000	65		155	81		115	115	96	100	86
10,000			168			128	128	99	98	86
15,000			190			154	154	90	60	62
20,000			200			174	174	43		
30,000						206	206			
40,000						228	228			
50,000						244	244			
60,000						254	254			
70,000						260	260			
80,000						262	262			
100,000						252	252			
120,000						223	223			
140,000						164	164			
160,000										
180,000										

*Standard errors of estimated levels.* The approximate standard error,  $s_x$ , of an estimated monthly level,  $x$ , can be obtained using the formula below, where  $a$  and  $b$  are the parameters from table 1-F associated with the particular characteristic. The same formula can be used to approximate the standard error of an estimated month-to-month change in level; simply average the levels for the 2 consecutive months and use the parameters from table 1-G.

$$s_x = \sqrt{ax^2 + bx}$$

*Illustration.* Assume that in a given month there are an estimated 6 million unemployed men in the civilian labor force ( $x = 6,000,000$ ). Obtain the appropriate  $a$  and  $b$  parameters from table 1-F ("unemployment, total or white"). Use the formula to compute an approximate standard error on the estimate of 6,000,000.

$$a = -0.000015942 \quad b = 2576.83$$

$$s_x = \sqrt{(-0.000015942)(6,000,000)^2 + (2576.83)(6,000,000)} = 122,000$$

Suppose that in the next month the estimated number of unemployed men increases by 200,000 to 6,200,000. The average of the monthly levels is  $x = 6,100,000$ . Obtain the appropriate  $a$  and  $b$  parameters from table 1-G ("unemployment, total or white, total, men, women"). Use the formula to compute an approximate standard error on the estimated change of 200,000.

$$s_x = \sqrt{(-0.000083130)(6,100,000)^2 + (3652.76)(6,100,000)} = 139,000$$

An approximate 90-percent confidence interval for the true month-to-month change would be the interval from -22,000 to 422,000. Because this interval covers zero, one cannot assert at this level of confidence that any real change has occurred in the unemployment level. This result can also be expressed by saying that the apparent change of 200,000 is not significant at a 90-percent confidence level.

*Standard errors of estimated percentages and rates.* Generally, percentages and rates are not published unless the monthly base (denominator) is greater than 75,000 persons, the quarterly average base is greater than 60,000 persons, or the annual average base is greater than 35,000 persons.

The reliability of an estimated percentage or rate depends upon the magnitude of the percentage or rate and its base. When the numerator and base are in different categories, use the parameters from table 1-F or 1-G relevant to the numerator. The approximate standard error,  $s_{y,p}$ , of an estimated per-

centage or rate,  $p$ , can be obtained using the following formula, where  $y$  is the estimated number of persons in the base.

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

*Illustration.* For a given month, suppose that 5,600,000 women, 20 to 24 years of age, are estimated to be employed. Of this total, 1,800,000 or 32 percent are classified as part-time workers. To estimate the standard error on this percentage, proceed as follows. Obtain the parameter  $b = 2204.62$  from table 1-F ("labor force and not-in-labor-force data other than agricultural employment and unemployment, total women"). Apply the formula to obtain:

$$s_{y,p} = \sqrt{\frac{2204.62}{5,600,000} (32)(100-32)} = 0.9 \text{ percent}$$

Suppose that in the next month 5,700,000 women in this same age group are reported employed and that 1,950,000 or 34 percent are part-time workers. To estimate the standard error on the observed month-to-month change of 2 percentage points, first average the values for  $p$  and  $y$  over the 2 months to get  $p = 33$  percent and  $y = 5,650,000$ . Next, obtain the parameter  $b = 2344.57$  from table 1-G ("labor force and not-in-labor-force data other than agricultural employment and unemployment, total or white, women, low correlation characteristics") and apply the formula as follows.

$$s_{y,p} = \sqrt{\frac{2344.57}{5,650,000} (33)(100-33)} = 1.0 \text{ percent}$$

It should be noted that the numerator of the percentage (part-time employed) determined the choice of correlation. If the example had illustrated percentages of women employed full time, the numerator would have been a high correlation characteristic. Table 1-G, however, does not explicitly list high correlation parameters for employed women; thus, the row labeled "women, most characteristics" would have been used.

Had the example dealt with teenage women employed part time, either of two rows in table 1-G could have been applied ("women, low correlation" or "both sexes, 16 to 19 years"). In situations like this, where it is not clear which row applies, a general rule to follow is to choose the row with the largest  $b$  parameter. This gives a more conservative estimate of standard error.

*Use of table 1-H.* Use this table with table 1-B, 1-C, 1-D, or 1-F to calculate approximate standard errors for quarterly or yearly averages, changes in consecutive quarterly or yearly averages, and consecutive year-to-year changes in monthly estimates. Table 1-H gives factors to be applied only to standard errors for monthly levels. Follow these three basic steps:

**Table 1-F. Parameters for computation of standard errors for estimates of monthly levels**

Characteristic	a	b
<b>Labor force and not-in-labor-force data other than agricultural employment and unemployment:</b>		
Total <sup>1</sup> .....	-0.00015693	2601.35
Men <sup>1</sup> .....	-.000029081	2408.58
Women .....	-.000026234	2204.62
Both sexes, 16 to 19 years .....	-.000155877	2217.37
White <sup>1</sup> .....	-.000017747	2600.88
Men .....	-.000032645	2410.86
Women .....	-.000029869	2201.86
Both sexes, 16 to 19 years .....	-.000185057	2221.96
Black .....	-.000112595	2735.54
Men .....	-.000271289	2553.88
Women .....	-.000164088	2298.23
Both sexes, 16 to 19 years .....	-.001181647	2570.17
Hispanic origin .....	-.000190760	3394.71
Not in labor force, total or white, excluding women and 16- to 19-year-olds .....	.000005264	722.21
<b>Agricultural employment:</b>		
Total or white .....	.000694096	2656.52
Men .....	.000761532	2461.77
Women or both sexes, 16 to 19 years .....	-.000022089	2250.29
Black .....	-.000121207	2749.05
<b>Hispanic origin:</b>		
Total or women .....	.010960039	2522.57
Men or both sexes, 16 to 19 years .....	.014443239	1483.55
<b>Unemployment:</b>		
Total or white .....	-.000015942	2576.83
Black .....	-.000190601	2744.70
Hispanic origin .....	-.000094114	3116.52

<sup>1</sup> Excludes not-in-labor-force data.

Step 1. Average estimates appropriately. For quarterly estimates, average the 3 monthly estimates. For yearly estimates, average the 12 monthly estimates. For changes in consecutive averages, average over the 2 quarters or 2 years. For consecutive year-to-year changes in monthly estimates, average the 2 months involved.

Step 2. Obtain a standard error on a monthly estimate using table 1-B or 1-C, or apply the procedures for table 1-D or 1-F to the average calculated in step 1, as if the average were an estimate for a single month.

Step 3. Determine the standard error on the average or on the estimate of change. Multiply the result from step 2 by the appropriate factor from table 1-H.

*Illustration.* Suppose that standard errors are desired for a quarterly average of black employment levels and for the change in averages from 1 quarter to the next. For each successive month of the first quarter, suppose the levels are observed to be 11,500,000, 11,600,000, and 11,700,000.

Step 1. The quarterly average is 11,600,000.

Step 2. Obtain the a and b parameters from table 1-F ("labor force and not-in-labor-force data other than agricultural employment and unemployment, black, total"). Use the formula for  $s_x$  to compute an approximate standard error for a monthly estimate of 11,600,000.

$$a = -0.000112595 \quad b = 2735.54$$

$$s_x = \sqrt{(-0.000112595)(11,600,000)^2 + (2735.54)(11,600,000)} = 129,000$$

Step 3. Multiply this result by the factor .87 from table 1-H (column labeled "quarterly averages" and row labeled "labor force and not-in-labor-force data other than agricultural employment and unemployment, black"). This gives an approximate standard error of 112,000 on the quarterly average of 11,600,000.

Proceed to obtain the approximate standard error on the change in consecutive quarterly average estimates of black employment. Assume that black employment estimates for the months in the second quarter are observed to be 11,100,000, 11,200,000, and 11,300,000.

Step 1. The average for the second quarter is 11,200,000. The average of the 2 quarters is 11,400,000.

Step 2. Obtain the a and b parameters as above and use the formula for  $s_x$  to compute an approximate standard error for the estimate of 11,400,000, treating it as an estimate for a single month.

$$s_x = \sqrt{(-0.000112595)(11,400,000)^2 + (2735.54)(11,400,000)} = 129,000$$

Step 3. Multiply this result by the factor .84 from table 1-H (column labeled "change in quarterly averages" and row labeled "labor force and not-in-labor-force data other than agricultural employment and unemployment, black"). This gives an approximate standard error of 108,000 on the estimated change of 400,000 from 1 quarter to the next.

The estimated change clearly exceeds 2 standard errors; therefore, one could conclude from these data that the change in quarterly averages is significant.

**Table 1-G. Parameters for computation of standard errors for estimates of month-to-month change in levels**

Characteristic	a	b
<b>Labor force and not-in-labor-force data other than agricultural employment and unemployment:</b>		
Total or white:		
Most characteristics .....	-0.000011078	1743.77
High correlation characteristics <sup>1</sup> .....	-0.00008243	1363.60
Low correlation characteristics <sup>1</sup> .....	-0.000014344	2222.55
Men:		
Most characteristics .....	-0.000020055	1674.07
High correlation characteristics .....	-0.000014922	1307.96
Low correlation characteristics .....	-0.000051814	2325.37
Women:		
Most characteristics .....	-0.000018844	1472.65
Low correlation characteristics .....	-0.000053069	2344.57
Both sexes, 16 to 19 years .....	-0.000169260	2280.05
Black:		
Most characteristics .....	-0.000088926	1871.20
Low correlation characteristics .....	-0.001732525	5676.12
Men:		
Most characteristics .....	-0.000210520	1986.81
Low correlation characteristics .....	-0.002587620	5079.90
Women:		
Most characteristics .....	-0.000140581	1621.48
Low correlation characteristics .....	-0.002078112	4723.08
Both sexes, 16 to 19 years .....	-0.001176111	2729.02
Hispanic origin:		
Total .....	-0.000145304	2417.72
Civilian labor force and not in labor force .....	-0.000095111	1682.24
Low correlation characteristics .....	-0.002425480	7511.81
Men, civilian labor force and not in labor force .....	-0.000227656	2045.54
Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years .....	-0.000366130	3150.64
Women, 16 years and over and 20 years and over .....	-0.000315338	2239.22
<b>Agricultural employment:</b>		
Total or white:		
Total .....	-0.000351254	3344.45
Men .....	-0.000597224	3450.08
Women or both sexes, 16 to 19 years .....	0.000115653	2062.60
Black:		
Total or women .....	-0.000109948	2493.69
Men or both sexes, 16 to 19 years .....	-0.017161885	5121.00
Hispanic origin:		
Total or women .....	.0002654758	4043.98
Men or both sexes, 16 to 19 years .....	.0002647371	3510.08
Self-employed .....	-0.000218152	1822.59
<b>Unemployment:<sup>2</sup></b>		
Total or white:		
Total, men, women .....	-0.000083130	3652.76
Both sexes, 16 to 19 years and low correlation characteristics .....	-0.000063570	4463.07
Black:		
Total, men, women, and both sexes, 16 to 19 years .....	-0.000372215	3800.30
High correlation characteristics .....	.000043286	2691.66
Hispanic origin:		
Total, men, women .....	-0.000233757	4404.26
Both sexes, 16 to 19 years and low correlation characteristics .....	-0.000921018	6132.68

<sup>1</sup> High correlation characteristics include employed full-time, manufacturing, service workers, and not in the labor force. Low correlation characteristics include all part-time workers; employed, with a job, but not at work; unpaid family workers; and precision production, craft, and repair occupations.

<sup>2</sup> High correlation characteristics include full-time jobseekers; job losers; manufacturing workers; and operators, fabricators, and laborers. Low correlation characteristics include part-time jobseekers, reentrants, persons unemployed for less than 5 weeks and from 5 to 14 weeks.



**Table 1-H. Factors to be used with tables 1-B, 1-C, 1-D, and 1-F to compute the approximate standard errors for levels, rates, and percentages for year-to-year change of monthly estimates, quarterly averages, change in quarterly averages, yearly averages, and change in yearly averages**

Characteristic	Factor				
	Year-to-year change of monthly estimate	Quarterly averages	Change in quarterly averages	Yearly averages	Change in yearly averages
<b>Agricultural employment:</b>					
Total or men .....	1.30	0.92	0.70	0.79	0.70
Women .....	1.30	.82	.84	.57	.70
Both sexes, 16 to 19 years .....	1.30	.78	.88	.49	.70
Part time .....	1.40	.80	.80	.59	.70
<b>Unemployment:</b>					
Total .....	1.40	.74	.88	.46	.65
Part time .....	1.40	.67	.88	.42	.54
<b>Labor force and not-in-labor-force data other than agricultural employment and unemployment:</b>					
Total or white .....	1.30	.87	.85	.65	.70
Black .....	1.30	.87	.84	.65	.70
Hispanic origin .....	1.30	.87	.80	.65	.70
Both sexes, 16 to 19 years .....	1.30	.79	.88	.54	.70
Part time .....	1.40	.82	.90	.51	.60

# Establishment Data ("B" tables)

## COLLECTION

BLS cooperates with State employment security agencies in the Current Employment Statistics (CES) or establishment survey to collect data each month on employment, hours, and earnings from a sample of nonfarm establishments (including government). In March 1993, this sample included over 390,000 reporting units. From these data, a large number of employment, hours, and earnings series in considerable industry and geographic detail are prepared and published each month. Historical statistics can be found in *Employment, Hours, and Earnings, United States*, and *Employment, Hours, and Earnings, States and Areas*. These data are also available in machine-readable format.

Each month, the State agencies collect data on employment, payrolls, and paid hours from a sample of establishments. Data are collected by mail from most respondents; phone collection is used to obtain higher response rates from selected respondents through computer-assisted interviews, touch-tone self-response, and voice recognition technology.

The respondents extract the requested data from their payroll records, which must be maintained for a variety of tax and accounting purposes. All firms with 250 employees or more are asked to participate in the survey, as well as a sample of smaller firms.

A "shuttle" schedule (BLS form 790 series) is used for mail respondents. It is submitted each month by the respondents, edited by the State agency, and returned to the respondent for use again the following month.

The technical characteristics of the shuttle schedule are particularly important in maintaining continuity and consistency in reporting from month to month. The shuttle design automatically exhibits the trends of the reported data covered by the schedule during the year; therefore, the relationship of the current data to the data for the previous months is shown. The schedule also has operational advantages. For example, accuracy and economy are achieved by entering the identification codes and the address of the reporter only once a year.

All schedules are edited by the State agencies each month to make sure that the data are correctly reported and that they are consistent with the data reported by the establishment in earlier months and with the data reported by other establishments in the industry. The State agencies forward the data, either on the schedules themselves or in machine-readable form, to BLS-Washington. They also use the information provided on the forms to develop State and area estimates of employment, hours, and earnings. At BLS, the data are edited again by computer to detect processing and reporting errors which may have been missed in the initial State editing; the edited data are used to prepare national estimates.

It should be noted that for employment, the sum of the State figures will differ from the official U.S. national totals because of the effects of differing industrial and geographic stratification and differences in the timing of benchmark adjustments.

## CONCEPTS

### Industrial classification

Establishments reporting on Form BLS 790 are classified into industries on the basis of their principal product or activity determined from information on annual sales volume. Since January 1980, this information is collected on a supplement to the quarterly unemployment insurance tax reports filed by employers. For an establishment making more than one product or engaging in more than one activity, the entire employment of the establishment is included under the industry indicated by the principal product or activity.

All data on employment, hours, and earnings for the Nation (beginning with August 1990 data) and for States and areas (beginning with January 1990 data) are classified in accordance with the *1987 Standard Industrial Classification Manual* (SIC), Office of Management and Budget.

### Industry employment

Employment data, except those for the Federal Government, refer to persons on establishment payrolls who received pay for any part of the pay period which includes the 12th day of the month. For Federal Government establishments, employment figures represent the number of persons who occupied positions on the last day of the calendar month. Intermittent workers are counted if they performed any service during the month.

The data exclude proprietors, the self-employed, unpaid volunteer or family workers, farm workers, and domestic workers. Salaried officers of corporations are included. Government employment covers only civilian employees; military personnel are excluded. Employees of the Central Intelligence Agency and the National Security Agency are also excluded.

Persons on establishment payrolls who are on paid sick leave (when pay is received directly from the firm), on paid holiday, on paid vacation, or who work during a part of the pay period even though they are unemployed or on strike during the rest of the period are counted as employed. Not counted as employed are persons who are on layoff, on leave without pay, on strike for the entire period, or who were hired but have not yet reported during the period.

*Indexes of diffusion of employment change* (table B-6). These indexes measure the dispersion among industries of the change in employment over the specified time span. Beginning with August 1990 data, the overall indexes are

calculated from 356 seasonally adjusted employment series (3-digit industries) covering all nonfarm payroll employment in the private sector. The manufacturing diffusion indexes are based on 139 3-digit industries.

To derive the indexes, each component industry is assigned a value of 0, 50, or 100 percent, depending on whether its employment showed a decrease, no change, or an increase, respectively, over the time span. The average value (mean) is then calculated, and this percent is the diffusion index number.

The reference point for diffusion analysis is 50 percent, the value which indicates that the same number of component industries had increased as had decreased. Index numbers above 50 show that more industries had increasing employment, and values below 50 indicate that more had decreasing employment. The margin between the percent that increased and the percent that decreased is equal to the difference between the index and its complement, i.e., 100 minus the index. For example, an index of 65 percent means that 30 percent more industries had increasing employment than had decreasing employment [ $65 - (100 - 65) = 30$ ]. However, for dispersion analysis, the distance of the index number from the 50-percent reference point is the most significant observation.

Although diffusion indexes are commonly interpreted as showing the percent of components that increased over the time span, it should be remembered that the index reflects half of the unchanged components as well. (This is the effect of assigning a value of 50 percent to the unchanged components when computing the index.)

### **Industry hours and earnings**

Average hours and earnings data are derived from reports of payrolls and hours for production and related workers in manufacturing and mining, construction workers in construction, and nonsupervisory employees in private service-producing industries.

*Production and related workers.* This category includes working supervisors and all nonsupervisory workers (including group leaders and trainees) engaged in fabricating, processing, assembling, inspecting, receiving, storing, handling, packing, warehousing, shipping, trucking, hauling, maintenance, repair, janitorial, guard services, product development, auxiliary production for plant's own use (e.g., power plant), recordkeeping, and other services closely associated with the above production operations.

*Construction workers.* This group includes the following employees in the construction division: Working supervisors, qualified craft workers, mechanics, apprentices, helpers, laborers, etc., engaged in new work, alterations, demolition, repair, maintenance, etc., whether working at the site of construction or working in shops or yards at jobs (such as precutting and preassembling) ordinarily performed by members of the construction trades.

*Nonsupervisory employees.* These are employees (not above the working supervisory level) such as office and clerical workers, repairers, salespersons, operators, drivers, physicians, lawyers, accountants, nurses, social workers, research aides, teachers, drafters, photographers, beauticians, musicians, restaurant workers, custodial workers, attendants, line installers and repairers, laborers, janitors, guards, and other employees at similar occupational levels whose services are closely associated with those of the employees listed.

*Payroll.* This refers to the payroll for full- and part-time production, construction, or nonsupervisory workers who received pay for any part of the pay period which includes the 12th day of the month. The payroll is reported before deductions of any kind, e.g., for old-age and unemployment insurance, group insurance, withholding tax, bonds, or union dues; also included is pay for overtime, holidays, vacation, and sick leave paid directly by the firm. Bonuses (unless earned and paid regularly each pay period); other pay not earned in the pay period reported (e.g., retroactive pay); tips; and the value of free rent, fuel, meals, or other payment in kind are excluded. Employee benefits (such as health and other types of insurance, contributions to retirement, etc., paid by the employer) are also excluded.

*Hours.* These are the hours paid for during the pay period which includes the 12th of the month for production, construction, or nonsupervisory workers. Included are hours paid for holidays, vacations, and for sick leave when pay is received directly from the firm.

*Overtime hours.* These are hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which included the 12th of the month. 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.* The overtime hours represent that portion of the average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

Because overtime hours are premium hours by definition, weekly hours and overtime hours do not necessarily move in the same direction from month to month. Such factors as work stoppages, absenteeism, and labor turnover may not have the same influence on overtime hours as on average hours. Diverse trends at the industry group level also may be caused by a marked change in hours for a component industry where little or no overtime was worked in both the previous and current months.

*Average hourly earnings.* Average hourly earnings are on a "gross" basis. They reflect not only changes in basic hourly and incentive wage rates but also such variable factors as premium pay for overtime and late-shift work and changes in output of workers paid on an incentive plan. They also reflect shifts in the number of employees between relatively high-paid and low-paid work and changes in workers' earnings in individual establishments. Averages for groups and divisions further reflect changes in average hourly earnings for individual industries.

Averages of hourly earnings differ from wage rates. Earnings are the actual return to the worker for a stated period of time; rates are the amount stipulated for a given unit of work or time. The earnings series do not measure the level of total labor costs on the part of the employer since the following are excluded: Irregular bonuses, retroactive items, payments of various welfare benefits, payroll taxes paid by employers, and earnings for those employees not covered under production worker, construction worker, or nonsupervisory employee definitions.

*Average hourly earnings, including lump-sum wage payments.* These series are compiled only for aircraft (SIC 3721) and guided missiles and space vehicles (SIC 3761) manufacturing. The same concepts and estimation methods apply to these series as apply to the average hourly earnings series described above; the one difference between the series is definitional. The payroll data used to calculate this series include lump-sum payments made to production workers in lieu of general wage rate increases; such payments are excluded from the definition of gross payrolls used to calculate the other average hourly earnings series.

For each sample establishment in SIC 3721 and SIC 3761 covered by a lump-sum agreement, the reported payroll data are adjusted to include a prorated portion of the lump-sum payment. Such payments are generally made once a year and cover the following 12-month period. In order to spread the payment across this time period, a prorated portion of the payment is added to the payroll each month. This prorated

portion is adjusted by an exit rate to reduce the lump-sum amount to account for persons who received the payment but left before the payment allocation period expired.

*Average hourly earnings, excluding overtime.* Average hourly earnings, excluding overtime premium pay are computed by dividing the total production worker payroll for the industry group by the sum of total production worker hours and one-half of total overtime hours. No adjustments are made for other premium payment provisions, such as holiday work, late-shift work, and overtime rates other than time and one-half.

*Railroad hours and earnings.* The figures for Class I railroads (excluding switching and terminal companies) are based on monthly data summarized in the M-300 report of the Interstate Commerce Commission and relate to all employees except executives, officials, and staff assistants (ICC group I) who received pay during the month. Average hourly earnings are computed by dividing total compensation by total hours paid for. Average weekly hours are obtained by dividing the total number of hours paid for, reduced to a weekly basis, by the number of employees, as defined above. Average weekly earnings are derived by multiplying average weekly hours by average hourly earnings.

*Average weekly earnings.* These estimates are derived by multiplying average weekly hours estimates by average hourly earnings estimates. Therefore, weekly earnings are affected not only by changes in average hourly earnings but also by changes in the length of the workweek. Monthly variations in such factors as the proportion of part-time workers, stoppages for varying reasons, labor turnover during the survey period, and absenteeism for which employees are not paid may cause the average workweek to fluctuate.

Long-term trends of average weekly earnings can be affected by structural changes in the makeup of the work force. For example, persistent long-term increases in the proportion of part-time workers in retail trade and many of the services industries have reduced average workweeks in these industries and have affected the average weekly earnings series.

*Real earnings.* These earnings are in constant dollars and are calculated from the earnings averages for the current month using a deflator derived from the Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W). The reference year for these series is 1982.

## ESTIMATING METHODS

The Current Employment Statistics (CES) or establishment survey estimates of employment are generated through an annual benchmark and monthly sample link procedure. Annual universe counts or benchmark levels are generated primarily from administrative records on employees covered by unemployment insurance (UI) tax laws. These

annual benchmarks, established for March of each year, are projected forward for each subsequent month based on the trend of the sample employment, using an estimation procedure called the link relative. Benchmarks and sample link relatives are computed for each of 1,703 basic estimation cells defined by industry, size, and geography for the CES national estimates, and summed to create aggregate level employment estimates.

### **Benchmarks**

The establishment survey constructs annual benchmarks in order to realign the sample-based employment totals for March of each year with the UI-based population counts for March. These population counts are much less timely than sample-based estimates; however, they provide an annual point-in-time census for employment.

Population counts are derived from the administrative file of employees covered by UI. All employers covered by UI laws are required to report employment and wage information to the appropriate State employment security agency four times a year. Approximately 99 percent of in-scope private employment 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 estimates, ten-twelfths to the January estimates, and so on, back to the previous April estimates which receive one-twelfth of the March difference. This assumes that the total estimation error since the last benchmark accumulated at a steady rate throughout the current benchmark year.

Estimates for the 11 months following the March benchmark are also recalculated each year. These post-benchmark estimates reflect the application of sample-based monthly changes to new benchmark levels for March, and the recomputation of bias adjustment factors for each month. Bias factors are updated to take into account the most recent experience of the estimates generated by the monthly sample versus the full universe counts derived from the UI.

Following the revision of basic employment estimates, all other derivative series (e.g., production workers, average hourly earnings) are also recalculated. New seasonal adjustment factors are calculated and all data series for the previous 5 years are reseasonally adjusted, prior to full publication of all revised data in June of each year.

### **Monthly estimation**

Estimates are derived from a sample of approximately 390,000 business establishments nationwide. A current month's estimate is derived as the product of the previous month's estimate and a sample link relative for the current month. A bias adjustment factor is then applied to this result primarily to help account for new business births during the month.

*Stratification.* The sample is stratified into 1,703 basic estimation cells for purposes of computing national employment, hours, and earnings estimates. Cells are defined primarily by detailed industry, and secondarily by size for a majority of cells. In a few industries, mostly within the construction division, geographic stratification is also used. Industry classification is in accordance with the 1987 *Standard Industrial Classification Manual* (SIC); most estimation cells are defined at the 4-digit SIC level.

This detailed stratification pattern allows for the production and publication of estimates in considerable industry detail. Sub-industry stratification by size is important because major statistics which the survey measures, particularly employment change and average earnings, often vary significantly between establishments of different size. Stratification reduces the variance of the published industry level estimates.

*Link relative technique.* A ratio of the previous to the current month's employment is computed from a sample of establishments reporting for both months—this ratio is called a "link relative." For each basic cell, a link relative is computed and applied to the previous month's employment estimate to derive the current month's estimate. Thus a March benchmark is moved forward to the next March benchmark through application of monthly link relatives. Basic cell estimates created through the link relative technique are aggregated to form published industry level estimates, for employment, as described in table 2-A. Basic estimation and aggregation methods for the hours and earnings data are also shown in table 2-A.

*Bias adjustment.* Bias adjustment factors are computed at the 3-digit SIC level, and applied each month at the basic cell level, as part of the standard estimation procedures. The main purpose of bias adjustment is to reduce a primary source of nonsampling error in the survey, the inability to capture, on a timely basis, employment generated by new firm births. There is a several month lag between an establishment opening for business and its appearing on the UI universe frame and being available for sampling. Because new firms generate a portion of employment growth each month of the year, nonsampling methods must be used to capture this growth, otherwise substantial underestimation of total employment levels would occur. Formal bias adjustment procedures have been used by the establishment

**Table 2-A. Summary of methods for computing industry statistics on employment, hours, and earnings**

Employment, hours, and earnings	Basic estimating cell (industry, region, size or region/size cell)	Aggregate industry level (division and, where stratified, industry)
Monthly data		
All employees .....	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. <sup>1</sup>	Sum of all-employee estimates for component cells.
Production or nonsupervisory workers, women employees .....	All-employee estimate for current month multiplied by (1) ratio of production or nonsupervisory workers to all employees in sample establishments for current month, (2) estimated ratio of women to all employees. <sup>2</sup>	Sum of production or nonsupervisory worker estimates, or estimates of women employees, for component cells.
Average weekly hours .....	Production or nonsupervisory worker hours divided by number of production or nonsupervisory workers. <sup>2</sup>	Average, weighted by production or nonsupervisory worker employment, of the average weekly hours for component cells.
Average weekly overtime hours ...	Production worker overtime hours divided by number of production workers. <sup>2</sup>	Average, weighted by production worker employment, of the average weekly overtime hours for component cells.
Average hourly earnings .....	Total production or nonsupervisory worker payroll divided by total production or nonsupervisory worker hours. <sup>2</sup>	Average, weighted by aggregate hours, of the average hourly earnings for component cells.
Average weekly earnings .....	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.
Annual average data		
All employees, women employees, and production or nonsupervisory workers .....	Sum of monthly estimates divided by 12.	Sum of monthly estimates divided by 12.
Average weekly hours .....	Annual total of aggregate hours (production or nonsupervisory worker employment multiplied by average weekly hours) divided by annual sum of employment.	Annual total of aggregate hours for production or nonsupervisory workers divided by annual sum of employment for these workers.
Average weekly overtime hours ...	Annual total of aggregate overtime hours (production worker employment multiplied by average weekly overtime hours) divided by annual sum of employment.	Annual total of aggregate overtime hours for production workers divided by annual sum of employment for these workers.
Average hourly earnings .....	Annual total of aggregate payrolls (product of production or nonsupervisory worker employment by weekly hours and hourly earnings) divided by annual aggregate hours.	Annual total of aggregate payrolls divided by annual aggregate hours.
Average weekly earnings .....	Product of average weekly hours and average hourly earnings.	Product of average weekly hours and average hourly earnings.

<sup>1</sup> The estimates are computed by multiplying the above product by bias adjustment factors, which compensate for the underrepresentation of newly formed enterprises and other sources of bias in the sample.

<sup>2</sup> The sample production-worker ratio, women-worker ratio, average weekly hours, average overtime hours, and average hourly

earnings are modified by a wedging technique designed to compensate for changes in the sample arising mainly from the voluntary character of the reporting. The wedging procedure accepts the advantage of continuity from the use of the matched sample and, at the same time, tapers or wedges the estimate toward the level of the latest sample average.

survey since the late 1960's. Prior to the 1983 benchmark, bias adjustments were derived from a simple mean error model, which averaged undercount errors for the previous 3 years to arrive at bias projections for the coming year. The undercount errors were measured as the difference between sample-based estimate results and benchmark levels.

This procedure eventually proved inadequate during periods of rapidly changing employment trends, and the bias adjustment methodology was revised. Research done in the early 1980's indicated that bias requirements were strongly correlated with current employment growth or decline. Based on this research, a revised method was developed which incorporated the sample data on employment growth over the most recent two quarters, and a regression-derived coefficient for the significance of that change, to adjust the mean error model results. This change in methodology provided a more cyclically sensitive bias model. The regression-adjusted mean error model has been in use since 1983, for the production of national estimates.

The current model still has limitations in its ability to react to changing economic conditions or changing error structure relationships between the sample-based estimates and the UI universe counts. A principal limitation is the inability to incorporate UI universe counts as they become available on an ongoing basis, with a 6- to 9-month lag from the reference period. Thus, the current quarterly outputs from the model are subject to intervention analysis, and adjustments can be made to its results, prior to the establishment of final bias levels for a quarter. Review is done primarily in terms of detection of outlier (i.e., abnormally high or low) values, and by comparison of CES sample and bias trends with the most recent quarterly observations of UI universe counts. The BLS currently has under study improved bias models using a Kalman filter technique, which would allow a more formal, structured incorporation of each quarter's UI universe counts in the bias modeling process.

Although the primary function of bias adjustment is to account for employment resulting from new business formations, it also adjusts for other elements of nonsampling error in the survey, because the primary input to the modeling procedure is total estimation error. Significant among these nonsampling error sources is a business death bias. When a sampled firm closes down, most often it simply does not respond to the survey that month, rather than reporting zero employment. Followup with nonrespondents may reveal an out-of-business firm, but this information is often received too late to incorporate into monthly 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, death bias, and a number of other differences between the sample-based estimates and the population counts, the monthly bias adjustment levels have no specific economic meaning in and of themselves.

Table 2-B summarizes bias adjustments for the 1983-93 period. The table displays the average monthly "bias added"

and the average monthly "bias required" with the benchmark revisions for each year. Bias added shows the average amount of bias which was added each month over the course of an interbenchmark period. For example, the bias added for 1993 is listed as 83,000; this represents the average of bias adjustments made each month over the period April 1992 through March 1993. Bias required is computed retrospectively, after the March benchmark for a given year is known. Bias required figures are calculated by taking the difference between a March estimate derived purely from the sample (i.e., a series calculated without bias adjustment) and the March benchmark. Dividing this figure by 12 gives the average monthly bias required figure. The bias required is thus defined as the amount of bias adjustment which would have achieved a zero benchmark error. The difference between the total bias required and the total bias added is then, by definition, approximately the benchmark revision amount, for any given year. Also provided in the table for illustration, are the March-to-March changes. As discussed above, the over-the-year changes indicate correlation with the bias added and bias required figures.

## THE SAMPLE

### Design

The emphasis in the establishment survey is on producing timely data at minimum cost. Therefore, the primary goal of its design is to sample a sufficiently large segment of the universe to provide reliable estimates that can be published both promptly and regularly. The present sample allows BLS to produce preliminary total nonfarm employment estimates for each month, including some limited industry detail, within 3 weeks after the reference period, and data in considerably more detail with an additional one-month lag.

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 is an optimum allocation design among strata because sampling variance is proportional to the average size of establishments. The universe of establishment employment is highly skewed, with a large percentage of total employment concentrated in relatively few establishments. Because 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 a certainty strata for sample selection. The size of the sample for the various industries is determined empirically on the basis of experience and cost considerations. For example, in a manufacturing industry with a high proportion of total employment concentrated in a small number of establishments, a larger percent of total employment is included in the sample. Consequently, the sample

design for such industries provides for a complete census of the large establishments, with a relatively few chosen from among the smaller establishments. For an industry in which a large proportion of total employment is concentrated in small establishments, the sample design again calls for inclusion of all large establishments but also for a more substantial number of smaller ones. Many industries in the trade and services divisions fall into this category. To keep the sample to a size which can be handled by available resources, it is necessary to have a sample design for these industries with a smaller proportion of total universe coverage than is the case for most manufacturing industries.

### Coverage

The establishment survey is the largest monthly sampling operation in the field of social statistics. Table 2-C shows the latest benchmark employment levels and the approximate proportion of total universe employment coverage, at the total nonfarm and major industry division levels. The coverage for individual industries within the divisions may vary from the proportions shown.

### Reliability

The establishment survey, like other sample surveys, is subject to two types of error, sampling and nonsampling error. The magnitude of sampling error, or variance, is directly related to the size of the sample and the percentage of universe coverage achieved by the sample. The establishment survey sample covers over one-third of total universe employment; this yields a very small variance on the total nonfarm estimates. Measurements of error associated with sample estimates are provided in tables 2-D through 2-G.

*Benchmark revision as a measure of survey error.* The sum of sampling and nonsampling error can be considered total

survey error. Unlike most sample surveys which publish sampling error as their only measure of error, the CES can derive an annual approximation of total error, on a lagged basis, because of the availability of the independently derived universe data. While the benchmark error is used as a measure of total error for the CES survey estimate, technically, it actually represents the difference between two independent estimates derived from separate survey processes (i.e., the CES sample process and the UI universe process) and thus reflects the errors present in each program. Historically, the benchmark revision has been very small for total nonfarm employment. Over the past decade, percentage benchmark error has averaged 0.2 percent, with a range from zero to 0.6 percent. Table 2-D shows the most current benchmark revisions, along with 10-year mean revisions and mean absolute revisions for major industries. Mean revisions give an indication of bias in the estimates; unbiased estimates have a mean revision close to zero, as over and under estimations cancel out over time. Mean absolute revisions give an overall indicator as to the accuracy of the estimates; the larger the value, the further the estimate was from the final benchmark level.

*Estimated standard errors for employment, hours, and earnings.* The hours and earnings estimates for the basic estimating cells do not have universe data sources available and therefore are not subject to benchmark revisions, although the broader groupings may be affected slightly by changes in employment weights. Like the employment estimates, the hours and earnings estimates are also subject to sampling and nonsampling errors. Estimates of the sampling error for employment, hour, and earnings were computed using the method of random groups and are expressed as relative stan-

Table 2-B. March employment benchmarks and bias adjustments for total private industries, March 1983-93

Year	Benchmark		Average monthly bias		Over-the-year employment change <sup>5</sup>
	Employment <sup>1</sup>	Revision <sup>2</sup>	Added <sup>3</sup>	Required <sup>4</sup>	
1983 .....	72,043	-78	102	96	-1,327
1984 .....	76,371	341	140	169	4,328
1985 .....	79,446	-131	152	141	3,075
1986 .....	81,204	-400	149	116	1,758
1987 .....	83,173	21	98	99	1,969
1988 .....	86,180	-310	114	88	3,007
1989 .....	89,015	-93	131	123	2,835
1990 .....	90,546	-261	85	63	1,531
1991 .....	88,790	-583	61	12	-1,756
1992 .....	88,347	-130	33	22	-443
1993 .....	89,790	288	83	107	1,443

<sup>1</sup> Universe counts for March of each year used to make annual benchmark adjustments to the employment estimates. About 99 percent of the benchmark employment is from unemployment insurance administrative records, and the remaining 1 percent is from alternate sources. Data represent benchmark levels as originally computed.

<sup>2</sup> Difference between the final March sample-based estimate and the benchmark level for total private employment.

<sup>3</sup> The average amount of bias adjustment each month over the

course of an inter-benchmark period, i.e., from April of the prior year through March of the given year.

<sup>4</sup> The difference between the March benchmark and the March estimate derived solely from the sample without bias adjustment, converted to a monthly amount by dividing by 12.

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

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



standard errors (standard error divided by the estimate). Relative standard errors for individual industries with the specified number of employees are presented in table 2-E and for major industries in table 2-F. Multiplying the relative standard error by its estimated value gives the estimate of the standard error. The errors presented here are based on averages observed from sample data over the March 1992 through March 1993 period.

*Standard errors for differences between industries and times.* The standard error of a difference is required to test for significant differences between estimates from two different industries. Since the estimates for the two industries are independent, the standard error of a difference is the square root of the sum of the estimated variance of each estimate,  $S_1^2$  and  $S_2^2$ .

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

The CES sample overlaps almost entirely from month to month, so monthly estimates are not independent. The covariance between these estimates must be accounted for when testing the significance of the change in estimates over time. The standard error of the change can be estimated as follows.

$$s \text{ change} = \sqrt{s_1^2 + s_2^2 - 2\rho s_1 s_2}$$

If  $s_1 = s_2$ , then:

$$s \text{ change} = \sqrt{2s_1^2(1-\rho)}$$

Conservative estimates of  $\rho$  after one month are 0.8 for employment, 0.6 for average weekly hours, and 0.8 for average hourly earnings.

If the bias is small, then the standard error can be used to construct approximate confidence intervals or range of values that include the true population value. If the process of selecting a sample from the population were repeated many times and an estimate and its standard error calculated for each sample, then approximately 68 percent of the intervals from one standard error below the estimate to one standard error above the estimate would include the true population value.

*Noneconomic code changes.* A major source of benchmark revision at the major industry division level and below are noneconomic code changes, which are introduced into the universe data in the first quarter of each calendar year.

Approximately one-third of all establishments in the universe are included in the universe program's annual Standard Industrial Classification (SIC) refiling survey. Corrections to individual establishments SIC and ownership codes are made through this process. The refiling cycle is such that

every third year entire division(s) are subject to refiling. The volume of these adjustments is generally quite large and has a substantial impact on universe employment counts at the industry levels, although the total nonfarm employment level remains unaffected. For example, in a year when the services division is refiled, a substantial amount of employment is usually reclassified out of services to other major divisions, thus, lowering the benchmark level for services, and potentially causing a significant downward revision in the services employment totals previously published.

*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-G presents the root-mean-square error, the mean percent, and the mean absolute percent revision that may be expected between the preliminary and final employment estimates.

**Table 2-C. Employment benchmarks and approximate coverage of BLS employment and payroll's sample, March 1993**

Industry	Bench- marks (thous- ands)	Sample coverage <sup>1</sup>		
		Number of establi- shments	Employees	
			Number (thous- ands)	Percent of bench- marks
Total .....	108,935	325,021	43,564	40
Mining .....	603	3,883	258	43
Construction .....	4,177	26,404	851	20
Manufacturing .....	17,974	59,002	9,160	51
Transportation and public utilities .....	5,720	217,567	2,528	44
Wholesale trade .....	5,903	26,367	1,154	20
Retail trade .....	19,133	65,892	4,843	25
Finance, insurance, and real estate .....	6,633	24,346	2,175	33
Services .....	29,647	77,599	7,771	26
Government:				
Federal .....	2,926	( <sup>3</sup> )	2,926	100
State .....	4,581	5,977	3,911	85
Local .....	11,638	17,984	7,987	69

<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. 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 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 5,342 reports covering about 60 percent of employment in Federal establishments.

**Table 2-D. Current (March 1993) and historical benchmark revisions**  
(Numbers in thousands)

Industry	March 1993 benchmark revision		10-year average mean percent revision <sup>1</sup>	
	Level	Percent	Actual	Absolute
Total .....	263	0.2	-0.1	0.2
Total private .....	288	.3	-.1	.3
Goods-producing .....	287	1.3	-.4	.7
Mining .....	13	2.2	-1.8	2.1
Metal mining .....	0	0	-2.7	3.2
Coal mining .....	4	3.4	-1.2	2.0
Oil and gas extraction .....	8	2.4	-2.1	2.6
Nonmetallic minerals, except fuels .....	1	1.0	-1.1	1.5
Construction .....	68	1.6	-.4	1.5
General building contractors .....	42	4.1	-.1	2.2
Heavy construction, except building .....	1	.2	-.5	1.8
Special trade contractors .....	26	1.0	-.5	1.9
Manufacturing .....	206	1.1	-.4	.7
Durable goods .....	128	1.3	-.4	.7
Lumber and wood products .....	18	2.6	-.6	1.4
Furniture and fixtures .....	6	1.2	-.1	.9
Stone, clay, and glass products .....	4	.8	-.3	1.0
Primary metal industries .....	3	.4	-.7	1.0
Blast furnaces and basic steel products .....	0	0	-.3	1.3
Fabricated metal products .....	22	1.7	-.3	.8
Industrial machinery and equipment .....	20	1.0	-.7	1.1
Electronic and other electrical equipment .....	7	.5	-.9	1.1
Transportation equipment .....	24	1.4	.5	1.0
Motor vehicles and equipment .....	13	1.6	1.0	1.2
Aircraft and parts .....	2	.4	.5	1.4
Instruments and related products .....	12	1.3	-.3	1.8
Miscellaneous manufacturing .....	13	3.5	-.5	1.4
Nondurable goods .....	78	1.0	-.4	.8
Food and kindred products .....	24	1.5	-.6	1.1
Tobacco products .....	-4	-9.5	-1.7	4.0
Textile mill products .....	9	1.3	-.3	.8
Apparel and other textile products .....	7	.7	-.9	1.3
Paper and allied products .....	9	1.3	-.1	.6
Printing and publishing .....	9	.6	-.3	.9
Chemicals and allied products .....	5	.5	-.2	.8
Petroleum and coal products .....	-4	-2.7	-.3	1.7
Rubber and miscellaneous plastics products .....	19	2.1	-.3	1.6
Leather and leather products .....	2	1.7	-1.7	3.3
Service-producing industries .....	-24	( <sup>2</sup> )	( <sup>2</sup> )	.3
Transportation and public utilities .....	58	1.0	-.4	.7
Transportation .....	56	1.6	-.6	1.3
Railroad transportation .....	0	0	-.1	1.4
Local and interurban passenger transit .....	7	1.8	1.0	1.6
Trucking and warehousing .....	37	2.3	-.4	1.6
Water transportation .....	0	0	-2.8	5.0
Transportation by air .....	3	.4	-1.3	2.1
Pipelines, except natural gas .....	1	5.3	-.1	3.7
Transportation services .....	9	2.5	-1.6	2.6
Communications and public utilities .....	2	.1	-.1	.7
Communications .....	4	.3	-.2	1.1
Electric, gas, and sanitary services .....	-2	-.2	-.1	.7
Wholesale trade .....	-152	-2.6	-.7	1.2
Durable goods .....	-75	-2.2	-.9	1.3
Nondurable goods .....	-77	-3.1	-.3	1.1
Retail trade .....	-40	-.2	.2	.6
Building materials and garden supplies .....	-13	-1.8	.6	1.6
General merchandise stores .....	92	3.8	1.3	2.1

See footnotes at end of table.

**Table 2-D. Current (March 1993) and historical benchmark revisions—Continued**  
(Numbers in thousands)

Industry	March 1993 benchmark revision		10-year average mean percent revision <sup>1</sup>	
	Level	Percent	Actual	Absolute
<b>Retail trade—Continued</b>				
Food stores .....	1	( <sup>2</sup> )	-9	1.0
Automotive dealers and service stations .....	-24	-1.2	-8	1.2
Apparel and accessory stores .....	-1	-1	1.2	1.6
Furniture and home furnishings stores .....	-20	-2.5	-4	1.5
Eating and drinking places .....	-48	-7	.6	1.2
Miscellaneous retail establishments .....	-28	-1.2	-.2	.8
<b>Finance, insurance, and real estate</b>				
Finance .....	100	1.5	-.3	.8
Finance .....	10	.3	-.7	.8
Depository institutions .....	-24	-1.2	-1.3	1.3
Nondepository institutions .....	34	7.8	.7	1.4
Security and commodity brokers .....	4	.9	-.1	.9
Holding and other investment offices .....	-4	-1.8	-.5	4.8
Insurance .....	64	2.9	.2	1.0
Insurance carriers .....	50	3.3	.5	1.5
Insurance agents, brokers, and service .....	14	2.1	-.3	1.8
Real estate .....	26	2.0	-.2	1.4
<b>Services</b>				
Services .....	35	.1	.1	.5
Agricultural services .....	4	.9	2.6	2.6
Hotels and other lodging places .....	14	.9	.2	1.4
Personal services .....	56	4.7	-.1	2.3
Business services .....	8	.1	.4	1.4
Personnel supple services .....	-61	-3.5	1.5	4.1
Auto repair, services, and parking .....	11	1.2	-.2	.9
Miscellaneous repair services .....	7	2.0	-.5	3.8
Motion pictures .....	-11	-2.7	.9	2.2
Amusement and recreation services .....	60	5.3	.1	2.9
Health services .....	-107	-1.2	-.7	1.0
Hospitals .....	-32	-.8	-.4	.7
Legal services .....	-5	-.5	( <sup>2</sup> )	1.4
Educational services .....	-71	-4.0	1.0	2.9
Social services .....	2	.1	-1.1	1.9
Museums and botanical and zoological gardens .....	0	0	1.4	3.4
Membership organizations .....	73	3.6	2.3	3.0
Engineering and management services <sup>3</sup> .....	5	.2	.8	1.5
Services, nec .....	-1	-2.4	-.5	1.8
<b>Government</b>				
Government .....	-25	-.1	( <sup>2</sup> )	.3
Federal .....	0	0	0	0
State .....	18	.4	.4	.7
Education .....	5	.3	.7	1.3
Other State government .....	13	.5	.2	.6
Local .....	-43	-.4	-.1	.3
Education .....	-7	-.1	-.1	.4
Other local government .....	-36	-.7	-.2	.3

<sup>1</sup> Data relate to the 1984-93 benchmarks, as originally published, unless otherwise noted.

<sup>2</sup> Less than 0.05 percent.

<sup>3</sup> Data relate to 1989-93.

**Table 2-E. Relative standard errors<sup>1</sup> for estimates of employment, hours, and earnings**

(In percent)

Size of employment estimate	Employment	Average weekly hours	Average hourly earnings
50,000 .....	1.3	2.0	2.9
100,000 .....	1.0	1.5	2.4
200,000 .....	.8	1.1	1.9
500,000 .....	.6	.8	1.4
1,000,000 .....	.4	.6	1.1
2,000,000 .....	.3	.5	.9

<sup>1</sup>Relative errors were estimated with sample data from March 1992-March 1993.

**Table 2-F. Relative standard errors<sup>1</sup> for estimates of employment, hours, and earnings by industry division**

(In percent)

Industry	Employment	Average weekly hours	Average hourly earnings
Total private .....	0.1	0.4	0.3
Mining .....	.4	.7	1.0
Construction .....	.4	.2	.3
Manufacturing .....	.1	.2	.4
Durable goods .....	.2	.2	.5
Nondurable goods .....	.1	.3	.4
Transportation and public utilities .....	.2	1.5	1.7
Wholesale trade .....	.2	.4	.3
Retail trade .....	.1	.3	.3
Finance, insurance, and real estate .....	.3	.5	.4
Services .....	.2	.7	.4

<sup>1</sup>Relative errors were estimated with sample data from March 1992-March 1993.

Revisions of preliminary hours and earnings estimates are normally not greater than 0.1 of an hour for weekly hours and

1 cent for hourly earnings, at the total private nonfarm level, and may be slightly larger for the more detailed industry groupings.

## STATISTICS FOR STATES AND AREAS

### (Tables B-7, B-14, and B-18)

As explained earlier, State agencies in cooperation with BLS collect and prepare State and area employment, hours, and earnings data. These statistics are based on the same establishment reports used by BLS, however, BLS uses the full CES sample to produce monthly national employment estimates, while each State agency uses its portion of the sample to independently develop a State employment estimate.

The CES area statistics relate to metropolitan areas. Definitions for all areas are published each year in the issue of *Employment and Earnings* that contains State and area annual averages (usually the May issue). Changes in definitions are noted as they occur. Additional industry detail may be obtained from the State agencies listed on the inside back cover of each issue.

*Caution in aggregating State data.* The national estimation procedures used by BLS are designed to produce accurate national data by detailed industry; correspondingly the State estimation procedures are designed to produce accurate data for each individual State. State estimates are not forced to sum to national totals nor vice versa. Because each State series is subject to larger sampling and nonsampling errors than the national series, summing them cumulates individual State level errors and can cause distortions at an aggregate level. This has been a particular problem at turning points in the U.S. economy, when the majority of the individual State errors tend to be in the same direction. Due to these statistical limitations, the Bureau does not compile or publish a "sum-of-States" employment series. Additionally, BLS cautions users that such a series is subject to a relatively large and volatile error structure, particularly at turning points.

**Table 2-G. Errors of preliminary employment estimates**

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Absolute
Total .....	71,500	0	0.1
Total private .....	54,300	0	0
Goods-producing industries .....	17,200	0	.1
Mining .....	2,400	0	.3
Metal mining <sup>2</sup> .....	600	0	.7
Coal mining <sup>2</sup> .....	1,000	-0.2	.6
Oil and gas extraction .....	2,300	.1	.4
Nonmetallic minerals, except fuels <sup>2</sup> .....	400	0	.3
Construction .....	9,900	.1	.2
General building contractors .....	4,400	0	.3
Heavy construction, except building <sup>2</sup> .....	4,000	.1	.4
Special trade contractors <sup>2</sup> .....	6,400	.1	.2
Manufacturing .....	11,600	0	0
Durable goods .....	8,500	0	.1
Lumber and wood products .....	1,400	0	.2
Furniture and fixtures .....	1,300	0	.2
Stone, clay, and glass products .....	1,300	0	.2
Primary metal industries .....	1,800	-.1	.2
Blast furnaces and basic steel products .....	1,400	-.1	.5
Fabricated metal products .....	2,200	0	.1
Industrial machinery and equipment .....	2,600	0	.1
Electronic and other electrical equipment .....	3,100	0	.1
Transportation equipment .....	4,400	0	.2
Motor vehicles and equipment .....	3,600	.1	.4
Aircraft and parts <sup>2</sup> .....	2,300	-.1	.2
Instruments and related products .....	1,700	0	.2
Miscellaneous manufacturing .....	1,600	0	.3
Nondurable goods .....	6,600	0	.1
Food and kindred products .....	3,900	0	.2
Tobacco products .....	500	.1	.8
Textile mill products .....	1,800	0	.2
Apparel and other textile products .....	2,800	0	.2
Paper and allied products .....	1,500	0	.2
Printing and publishing .....	1,900	0	.1
Chemicals and allied products .....	1,700	0	.1
Petroleum and coal products .....	700	-.1	.3
Rubber and misc. plastics products .....	1,700	0	.2
Leather and leather products .....	800	-.1	.5
Service-producing industries .....	64,700	0	.1
Transportation and public utilities .....	9,300	0	.1
Transportation .....	7,100	0	.2
Railroad transportation <sup>2</sup> .....	2,100	0	.6
Local and interurban passenger transit <sup>2</sup> .....	3,200	0	.7
Trucking and warehousing <sup>2</sup> .....	15,300	-.1	.3
Water transportation <sup>2</sup> .....	2,200	.2	1.0
Transportation by air <sup>2</sup> .....	13,300	-.3	.5
Pipelines, except natural gas <sup>2</sup> .....	200	-.4	.7
Transportation services <sup>2</sup> .....	1,200	-.1	.3
Communications and public utilities .....	4,500	-.1	.2
Communications <sup>2</sup> .....	4,200	-.1	.2
Electric, gas, and sanitary services <sup>2</sup> .....	1,900	0	.2
Wholesale trade .....	6,500	0	.1
Durable goods .....	3,800	0	.1
Nondurable goods .....	4,300	0	.1

See footnotes at end of table.

**Table 2-G. Errors of preliminary employment estimates—Continued**

Industry	Root-mean-square error of monthly level <sup>1</sup>	Mean percent revision	
		Actual	Absolute
Retail trade .....	29,000	.1	.1
Building materials and garden supplies <sup>2</sup> .....	2,500	.1	.2
General merchandise stores .....	13,300	0	.4
Food stores .....	6,200	0	.2
Automotive dealers and service stations .....	3,100	0	.1
Apparel and accessory stores <sup>2</sup> .....	12,200	-.1	.5
Furniture and home furnishings stores <sup>2</sup> .....	3,900	.1	.3
Eating and drinking places .....	11,300	0	.1
Miscellaneous retail establishments <sup>2</sup> .....	7,600	.2	.2
Finance, insurance, and real estate .....	6,400	0	.1
Finance .....	4,500	0	.1
Depository institutions <sup>2</sup> .....	9,200	-.1	.2
Nondepository institutions <sup>2</sup> .....	1,500	.1	.3
Security and commodity brokers <sup>2</sup> .....	1,000	.1	.2
Holding and other investment offices <sup>2</sup> .....	1,700	0	.6
Insurance .....	3,000	0	.1
Insurance carriers <sup>2</sup> .....	2,800	0	.1
Insurance agents, brokers, and service <sup>2</sup> .....	1,000	0	.1
Real estate .....	3,100	.1	.2
Services .....	30,800	0	.1
Agricultural services <sup>2</sup> .....	6,100	-.1	.6
Hotels and other lodging places <sup>2</sup> .....	7,200	.1	.3
Personal services <sup>2</sup> .....	11,000	-.1	.6
Business services .....	14,300	.1	.2
Personnel supply services <sup>2</sup> .....	12,400	.2	.5
Auto repair, services, and parking <sup>2</sup> .....	12,700	-.2	.4
Miscellaneous repair services <sup>2</sup> .....	2,800	-.2	.4
Motion pictures <sup>2</sup> .....	6,200	-.1	1.0
Amusement and recreation services <sup>2</sup> .....	13,900	.4	.9
Health services .....	7,100	0	.1
Hospitals <sup>2</sup> .....	26,400	-.1	.2
Legal services <sup>2</sup> .....	12,400	-.2	.3
Educational services <sup>2</sup> .....	24,500	-.1	.7
Social services <sup>1</sup> .....	28,100	-.1	.5
Museums and botanical and zoological gardens <sup>2</sup> .....	900	-.2	1.0
Membership organizations <sup>2</sup> .....	25,400	-.2	.4
Engineering and management services <sup>3</sup> .....	4,100	0	.1
Services, nec <sup>2</sup> .....	1,400	.1	.3
Government .....	44,200	0	.2
Federal .....	15,800	.1	.4
State .....	17,500	0	.3
Education <sup>2</sup> .....	11,700	.1	.5
Other State government <sup>2</sup> .....	8,200	.1	.2
Local .....	26,600	0	.2
Education <sup>2</sup> .....	19,800	.1	.3
Other local government <sup>2</sup> .....	20,400	0	.2

<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> Data based on differences from January 1990 through December

1993.

<sup>3</sup> Data based on differences from August 1990 through December 1993.

NOTE: Errors are based on differences from January 1989 through December 1993, unless otherwise noted.

# Regional, State, and Area Labor Force Data ("C" tables)

## FEDERAL-STATE COOPERATIVE PROGRAM

Labor force and unemployment estimates for States, labor market areas (LMA's), 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 and Partnership Act.

Annual average data for the States and over 260 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 LMA's, counties, and cities with a population of 25,000 or more. The estimation methods are described below for States (and the District of Columbia) and for sub-State areas. At the sub-LMA level, (county and city), 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.* The civilian labor force and unemployment estimates for 11 large States—California, Florida, Illinois, Massachusetts, Michigan, New Jersey, New York, North Carolina, Ohio, Pennsylvania, and Texas—are sufficiently reliable to be taken directly from the

Current Population Survey (CPS) on a monthly basis. These are termed "direct-use States." For a description of the CPS concepts, see "Household Data," above.

For the 39 smaller States and the District of Columbia, which do not use the CPS directly each month, models based on a "signal-plus-noise" approach are used to develop employment and unemployment estimates. These are the "non-direct-use" States. 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 CPS, the Current Employment Statistics (CES) survey, and the unemployment insurance (UI) system. The noise component of the models explicitly accounts for autocorrelation 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 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 the employment, unemployment, and labor force levels.

*Benchmark correction procedures.* Once each year, monthly estimates for the 39 non-direct-use States and the District of Columbia are adjusted, or benchmarked, by BLS to the annual average CPS estimates. The benchmarking technique employs a procedure (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.

In the 11 direct-use States, no benchmark correction is required; the average of the 12 monthly State CPS estimates will equal the CPS annual averages.

### **Estimates for sub-State areas**

Monthly labor force and employment estimates for two large sub-State areas—New York City and the Los Angeles-Long Beach metropolitan area—are obtained directly from the CPS. Estimates for the nearly 2,400 LMA's, are prepared through indirect estimation techniques, described below.

*Preliminary estimate—employment.* The total civilian employment estimates are based 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 for several categories of employment 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 three categories: (1) Persons who were previously employed in industries covered by State UI laws; (2) those previously employed in industries not covered by these laws; and (3) those who were entering the civilian labor force for the first time or reentering after a period of separation.

*Sub-State adjustment for additivity.* Estimates of employment and unemployment are prepared for the State and LMA's within the State. The LMA estimates geographically exhaust the entire State. Thus, a proportional adjustment must be applied to all sub-State LMA estimates to ensure that they add to the independently estimated State totals for employment and unemployment.

*Benchmark correction.* At the end of each year, sub-State estimates are revised. The revisions incorporate any changes in the inputs, such as revisions in the CES-based employment figures, corrections in claims counts, and updated historical relationships. The corrected estimates are then readjusted to add to the revised (benchmarked) State estimates of employment and unemployment.



## Seasonal Adjustment

Over the course of a year, the size of the Nation's labor force, the levels of employment and unemployment, and other measures of labor market activity undergo sharp fluctuations due to such seasonal events as changes in weather, reduced or expanded production, harvests, major holidays, and the opening and closing of schools. Because these seasonal events follow a more or less regular pattern each year, their influence on statistical trends can be eliminated by adjusting the statistics from month to month. These adjustments make it easier to observe the cyclical and other non-seasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, because they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment-based data are published monthly in *Employment and Earnings*.

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.

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 revisions implemented in the Current Population Survey.

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 season-

ally 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, *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.

Since the early 1980's, BLS has also used the X-11 ARIMA procedure to seasonally adjust national establishment-based employment, hours, and earnings data. The X-11 ARIMA program had been run once each year after benchmarking and seasonal adjustment factors had been projected and published for 12 months ahead (April-March). Beginning in June 1989, with the introduction of the March 1988 benchmarks, the Bureau modified this procedure to parallel that used in seasonally adjusting household survey data. Projected seasonal adjustment factors are calculated and published twice a year. Revisions of historical data are made once a year, coincident with benchmark revisions.

All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. 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 seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, 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, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, 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, seasonally adjusted, 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 failed or unsatisfactory seasonally adjusted series, however, are used in the aggregation to broader level seasonally adjusted series.

Seasonal adjustment factors for Federal Government employment are derived from unadjusted data which include Christmas temporary workers employed by the Postal Service. The number of temporary census workers for the decennial census, however, are removed prior to the calculation of seasonal adjustment factors.

BLS has developed 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. This extension was also used for the seasonal adjustment of many of the establishment-based series on average weekly hours and manufacturing overtime hours, starting with the computation of the projected factors for the period beginning in April 1990. Effective with the computation of factors for the November 1993-April 1994 period, an extension of the moving-holiday adjustment was introduced to adjust for the effects of elections on local government employment.

Revised seasonally adjusted national establishment-based series based on the experience through March 1994, new seasonal adjustment factors for May-October 1994, and a description of the current seasonal adjustment procedure appear in the June 1994 issue of *Employment and Earnings*. Factors for the November 1994-April 1995 period ap-

pear in the December issue.

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). 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 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.

Beginning in 1993, BLS introduced publication of seasonally adjusted nonfarm payroll employment data by major industry for all States and the District of Columbia (table B-7). Seasonal adjustment factors are applied directly to the employment estimates at the division level (component series for manufacturing and trade) and then aggregated to the State totals. The recomputation of seasonal factors and historical revisions are made coincident with the annual benchmark adjustments. State estimation procedures are designed to produce accurate (unadjusted and seasonally adjusted) data for each individual State. BLS independently develops a national employment series; State estimates are not forced to sum to national totals. Because each State series is subject to larger sampling and nonsampling errors than the national series, summing them cumulates individual State level errors and can cause significant distortions at an aggregate level. Due to these statistical limitations, BLS does not compile a "sum-of-States" employment series, and cautions users that such a series is subject to a relatively large and volatile error structure.

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