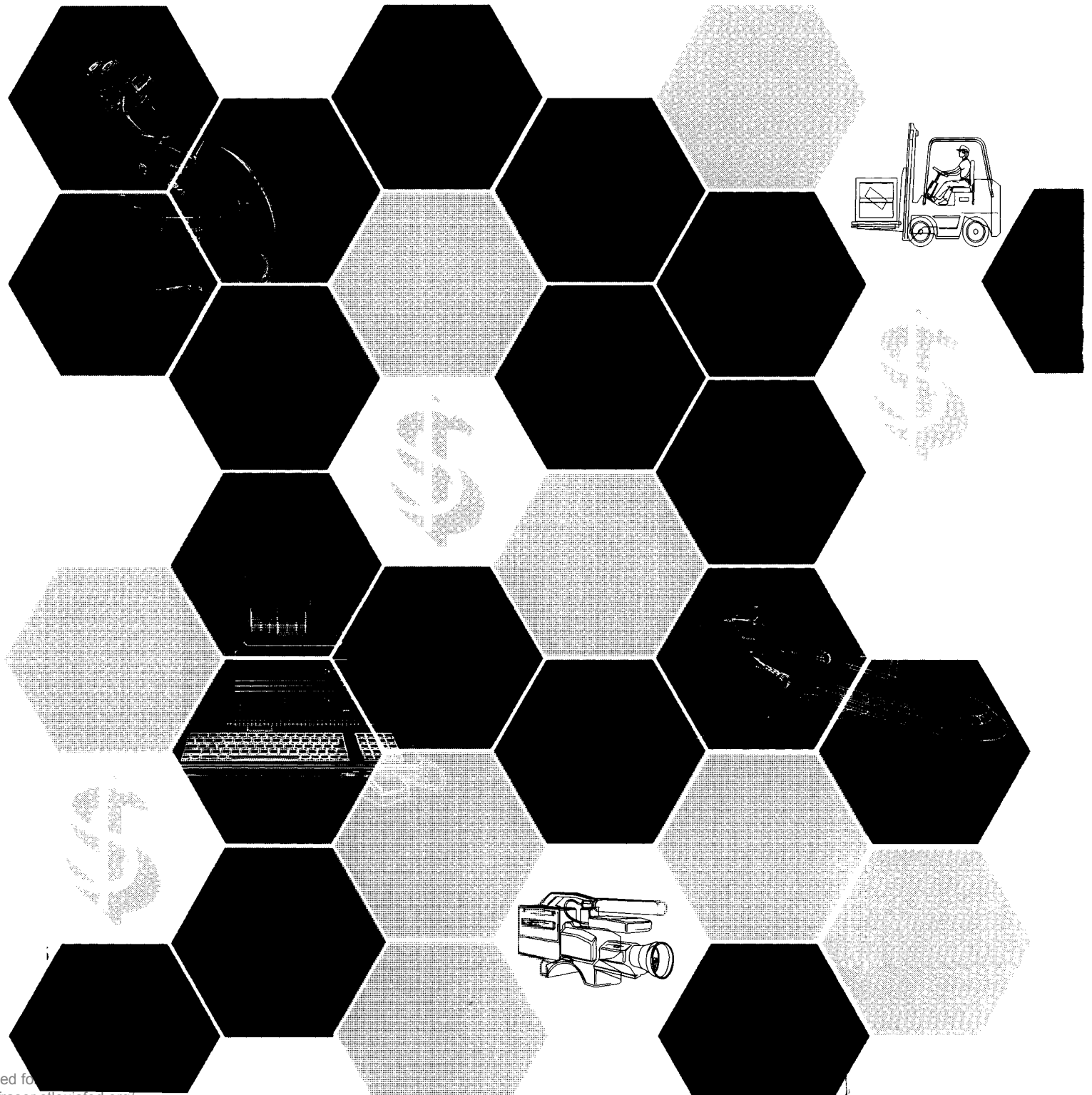




# EMPLOYMENT AND EARNINGS

U.S. Department of Labor  
Bureau of Labor Statistics  
August 1994





**U.S. DEPARTMENT OF LABOR**  
Robert B. Reich, Secretary

BUREAU OF LABOR STATISTICS  
Katharine G. Abraham, Commissioner

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**August 1994**  
**Vol. 41 No. 8**

**Calendar of Features**

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

**Household data**

Annual averages	Jan.
Union affiliation	Jan.
Earnings by detailed occupation	Jan.
Employee absences	Jan.
Revised seasonally adjusted series	Jan.
Quarterly averages: Seasonally adjusted data, persons of Hispanic origin, Vietnam-era veterans and nonveterans, and weekly earnings data.	Jan., Apr., July, Oct.

**Establishment data**

National annual averages:	
Industry divisions (preliminary)	Jan.
Industry detail	Mar., June
Women employees	Mar., June
National data revised to reflect new benchmarks and new seasonal adjustment factors	June
Revised historical national data	Bulletin <sup>1</sup>
State and area annual revisions	March
State and area annual averages	May
Area definitions	May

**State and area labor force data**

Annual revisions	March
Annual averages	May

<sup>1</sup> A new bulletin is forthcoming.

# Employment and Earnings

Editors: Gloria Peterson Green, Eugene H. Becker

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# Employment and Unemployment Developments, July 1994

Job growth continued in July and unemployment was little changed. The number of nonfarm payroll jobs rose by 259,000 over the month, with gains concentrated in services and retail trade. The unemployment rate was 6.1 percent; it had been 6.0 percent in the prior 2 months.

## Unemployment

Both the number of unemployed persons, 8.0 million, and the unemployment rate, 6.1 percent, were about unchanged in July, after seasonal adjustment. The jobless rate had declined by 0.7 percentage point from January to May and has been relatively flat for the past 2 months. (See table A-3.)

The only major worker group that showed a significant change in joblessness in July was adult men, whose unemployment rate increased by 0.3 percentage point to 5.6 percent, the same rate as in April. Rates for adult women (5.3 percent), teenagers (17.7 percent), whites (5.4 percent), blacks (11.2 percent), and Hispanics (10.1 percent) showed little or no change over the month. (See tables A-3 and A-4.)

The number of persons who were unemployed because they had lost their last jobs or completed temporary jobs increased by 240,000 in July, to 3.9 million. Due to declines earlier in the year, however, that level is still down by about half a million since January. The number of unemployed new entrants to the labor force increased by 125,000 in July, after declining by a similar magnitude in June. (See table A-11.)

## Total employment and the labor force

Total employment was about unchanged in July at 122.5 million, after seasonal adjustment. The employment-to-population ratio has hovered around 62.2 percent for most of 1994. (See table A-3.)

The number of persons employed part time for economic reasons fell by 360,000 in July to 4.4 million, after seasonal adjustment, while those working part time for noneconomic reasons increased to 18.1 million. (See table A-6.) The number of workers holding two or more jobs in July totaled 7.2 million (not seasonally adjusted), or 5.8 percent of all employed persons (table A-35).

The civilian labor force was about unchanged in July and has shown no net growth thus far this year. As a result, the proportion of the population in the labor force has declined by 0.4 percentage point since January. (See table A-3.)

## Discouraged workers

The number of discouraged workers—persons who want jobs but have given up searching because they do not think they could find work—was 542,000 in July (not seasonally adjusted). An additional 1.3 million former jobseekers reported that they would like to have a job and were available to work in July, but were not currently looking for reasons such as family obligations. (See table A-34.)

## Industry payroll employment

Nonfarm payroll employment continued to show strength in July, rising by 259,000 on a seasonally adjusted basis. This followed an even larger increase in June. (See table B-3.) So far this year, employment has grown by 2.0 million, a monthly average gain of 279,000.

Employment in the services industries rose by 138,000. About half of this advance took place in business services, with almost two-thirds in personnel supply firms. Health and social services accounted for much of the remaining increase. Weakness in two seasonal industries—amusement and recreation, and hotels—occurred because a late survey week in June picked up some of the job growth normally recorded in July.

Retail trade employment increased by 75,000 in July, with eating and drinking establishments, furniture stores, and food stores accounting for the bulk of the expansion. The transportation and public utilities industry added 14,000 jobs, all in the transportation component. Wholesale trade had a smaller employment increase than it has had in recent months. Employment in finance, insurance, and real estate was flat over the month, as continued job losses in nondepository institutions (primarily among mortgage bankers) offset additional gains in real estate.

Construction employment was up by 25,000 in July (seasonally adjusted), its average increase for the past year. Hiring has slowed, however, compared with the rapid pace in March and April. Mining resumed its pattern of small monthly employment losses.

The number of factory jobs edged up by 6,000 in July, but employment growth was held down as the number of workers on strike (and therefore not on payrolls) rose by 12,000. Among the nondurable goods industries, food processing, printing and publishing, and rubber and plastics had job gains that were partially offset by losses in apparel. Within

durables, declines took place in transportation equipment, particularly aircraft and parts, and industrial machinery (due to strikes). There were continued job gains in the furniture industry.

**Weekly hours**

The average workweek for production or nonsupervisory workers on private nonfarm payrolls was unchanged in July at 34.6 hours, seasonally adjusted. The manufacturing workweek fell by 0.1 hour for the third consecutive month to 41.9 hours, which was still half an hour higher than a year earlier. Factory overtime was unchanged over the month at 4.6 hours. (See table B-8.)

As a result of the employment increase, the index of aggregate hours of private production or nonsupervisory workers on nonfarm payrolls rose 0.4 percent to 129.2 (1982=100) in July. The manufacturing index edged down 0.3 percent to 105.0. (See table B-9.)

**Hourly and weekly earnings**

Both average hourly and weekly earnings of private production or nonsupervisory workers on nonfarm payrolls rose 0.4 percent in July, after seasonal adjustment, to \$11.12 and \$384.75, respectively. Over the year, average hourly earnings increased by 2.8 percent and average weekly earnings by 3.1 percent. (See tables B-11 and B-15.)

<b>Scheduled Release Dates</b>			
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>
August	September 2	November	December 2
September	October 7	December	January 6
October	November 4	January	February 3



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

(Numbers in thousands)

Category	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>Labor force status</b>													
Civilian noninstitutional population .....	193,633	193,793	193,971	194,151	194,321	194,472	195,953	196,090	196,213	196,363	196,510	196,693	196,859
Civilian labor force .....	128,102	128,334	128,108	128,580	128,662	128,898	130,667	130,776	130,580	130,747	130,774	130,248	130,457
Percent of population .....	66.2	66.2	66.0	66.2	66.2	66.3	66.7	66.7	66.6	66.6	66.5	66.2	66.3
Employed .....	119,370	119,692	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430	122,452
Percent of population .....	61.6	61.8	61.6	61.8	61.9	62.0	62.2	62.3	62.2	62.3	62.5	62.2	62.2
Unemployed .....	8,732	8,642	8,540	8,639	8,330	8,237	8,696	8,518	8,543	8,408	7,902	7,817	8,005
Not in labor force .....	85,531	85,459	85,863	85,571	85,659	85,574	85,286	85,314	85,633	85,816	85,738	86,445	86,403
<b>Unemployment rates</b>													
All workers .....	6.8	6.7	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0	6.1
Men, 20 years and over .....	6.5	6.4	6.3	6.2	5.9	5.8	5.9	6.0	5.8	5.6	5.2	5.3	5.6
Women, 20 years and over .....	5.8	5.7	5.8	5.8	5.7	5.7	6.0	5.7	6.0	5.6	5.4	5.4	5.3
Both sexes, 16 to 19 years .....	18.4	18.4	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9	17.7
White .....	6.0	5.9	5.8	6.1	5.6	5.6	5.8	5.8	5.7	5.6	5.2	5.3	5.4
Black .....	12.8	12.5	12.5	11.9	12.5	11.5	13.1	12.9	12.5	11.8	11.5	11.2	11.2
Hispanic origin .....	10.8	9.9	10.0	11.4	10.4	10.5	10.6	10.0	10.0	10.6	9.5	10.3	10.1

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. January 1994" in the February 1994 issue of *Employment and Earnings*. For additional information, see "Revisions in the Current Population Survey Effective

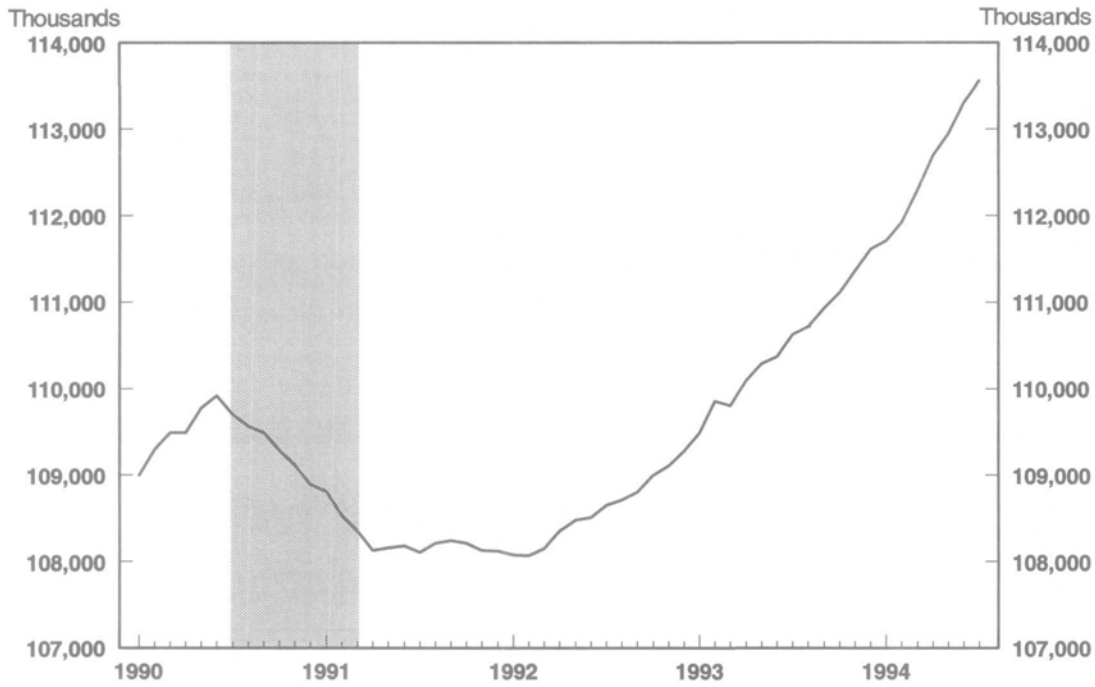
**Summary table B. Employment, hours, and earnings of production or nonsupervisory workers on nonfarm payrolls, seasonally adjusted**

(Numbers in thousands)

Industry	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>P</sup>	July <sup>P</sup>
<b>Employment</b>													
Total .....	110,628	110,714	110,923	111,112	111,366	111,810	111,711	111,919	112,298	112,699	112,951	113,307	113,566
Total private .....	91,802	91,892	92,036	92,239	92,479	92,692	92,810	93,003	93,357	93,718	93,937	94,290	94,551
Goods-producing industries .....	23,232	23,207	23,206	23,245	23,281	23,298	23,328	23,327	23,395	23,506	23,519	23,564	23,592
Mining .....	606	602	605	605	604	618	616	612	609	606	603	605	602
Construction .....	4,653	4,659	4,667	4,700	4,733	4,738	4,744	4,745	4,806	4,893	4,907	4,923	4,948
Manufacturing .....	17,973	17,946	17,934	17,940	17,944	17,942	17,968	17,970	17,980	18,007	18,009	18,036	18,042
Service-producing industries .....	87,396	87,507	87,717	87,667	88,085	88,312	88,383	88,592	88,903	89,193	89,432	89,743	89,974
Transportation and public utilities .....	5,800	5,788	5,783	5,798	5,800	5,792	5,793	5,803	5,818	5,759	5,843	5,846	5,860
Wholesale trade .....	5,962	5,954	5,962	5,965	5,971	5,976	5,990	6,003	6,013	6,028	6,037	6,046	6,051
Retail trade .....	19,735	19,770	19,805	19,822	19,848	19,931	19,924	19,965	20,028	20,137	20,153	20,271	20,348
Finance, insurance, and real estate .....	6,718	6,724	6,735	6,748	6,763	6,769	6,771	6,776	6,781	6,791	6,787	6,800	6,801
Services .....	30,355	30,451	30,545	30,661	30,816	30,926	31,004	31,129	31,328	31,497	31,598	31,763	31,901
Government .....	18,626	18,622	18,887	18,873	18,887	18,918	18,901	18,916	18,941	18,981	19,014	19,017	19,015
<b>Over-the-month change</b>													
Total .....	256	86	209	189	254	244	101	208	379	401	252	356	259
Total private .....	234	90	144	203	240	213	118	193	354	361	219	353	261
Goods-producing industries .....	7	-25	-1	39	38	17	30	-1	88	111	13	45	26
Mining .....	-2	-4	3	0	-1	14	-2	-4	-3	-3	-3	2	-3
Construction .....	21	6	8	33	33	5	6	1	61	87	14	16	25
Manufacturing .....	-12	-27	-12	6	4	-2	28	2	10	27	2	27	6
Service-producing industries .....	249	111	210	150	218	227	71	209	311	290	239	311	231
Transportation and public utilities .....	11	-14	-3	15	2	-8	1	10	13	-57	84	3	14
Wholesale trade .....	13	-8	8	3	6	5	14	13	10	15	9	9	5
Retail trade .....	40	35	35	17	26	63	-7	41	61	111	16	118	75
Finance, insurance, and real estate .....	14	6	11	13	15	6	2	5	5	10	-4	13	1
Services .....	149	96	94	116	155	110	78	125	197	171	101	185	138
Government .....	22	-4	65	-14	14	31	-17	15	25	40	33	3	-2
<b>Hours of work<sup>1</sup></b>													
Total private .....	34.5	34.8	34.4	34.5	34.6	34.5	34.8	34.3	34.6	34.7	34.8	34.6	34.6
Manufacturing .....	41.4	41.5	41.5	41.6	41.7	41.7	41.7	41.3	42.1	42.2	42.1	42.0	41.9
Overtime .....	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.5	4.7	4.8	4.7	4.6	4.6
<b>Indexes of aggregate weekly hours (1982=100)<sup>1</sup></b>													
Total private .....	124.6	125.1	124.4	125.3	125.8	125.9	127.1	125.6	127.3	126.2	129.1	128.7	129.2
Manufacturing .....	102.3	102.4	102.5	102.9	103.3	103.3	103.7	102.8	104.9	105.4	105.1	105.3	105.0
<b>Earnings<sup>1</sup></b>													
Average hourly earnings, total private:													
Current dollars .....	\$10.82	\$10.86	\$10.86	\$10.92	\$10.94	\$10.96	\$11.02	\$11.03	\$11.02	\$11.05	\$11.09	\$11.08	\$11.12
Constant (1982) dollars <sup>2</sup> .....	7.38	7.39	7.40	7.39	7.39	7.40	7.43	7.42	7.39	7.40	7.42	7.39	N.A.
Average weekly earnings, total private .....	\$373.29	\$375.76	\$374.27	\$376.74	\$378.52	\$378.12	\$383.50	\$378.33	\$381.29	\$383.44	\$385.93	\$383.37	\$384.75

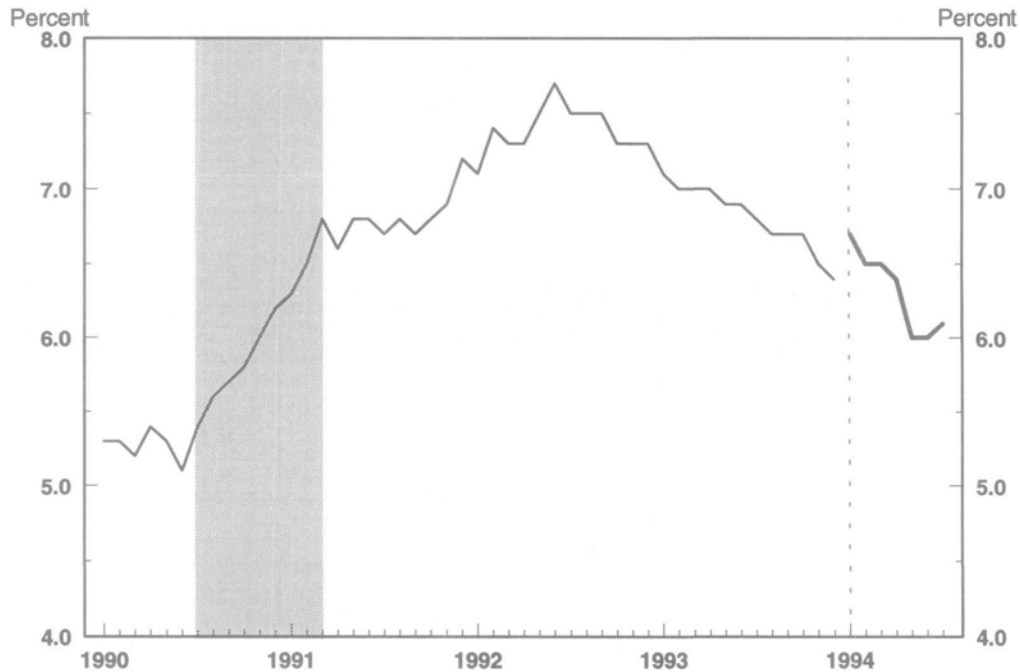
<sup>1</sup> Data relate to private production or nonsupervisory workers. N.A. = not available.  
<sup>2</sup> The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate this series. P = preliminary.

**Chart 1. Nonfarm payroll employment, seasonally adjusted, 1990-94**



NOTE: Shaded area represents recession.

**Chart 2. Unemployment rate, seasonally adjusted, 1990-94**



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	
<b>Annual averages</b>										
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	3,788	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	58.9	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	56.0	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	86,752	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	61,480
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	9,364	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
<b>Monthly data, seasonally adjusted<sup>2</sup></b>										
<b>1993:</b>										
July .....	193,633	128,102	66.2	119,370	61.6	3,043	116,327	8,732	6.8	65,531
August .....	193,793	128,334	66.2	119,692	61.8	3,005	116,687	8,642	6.7	65,459
September .....	193,971	128,108	66.0	119,568	61.6	3,093	116,475	8,540	6.7	65,863
October .....	194,151	128,580	66.2	119,941	61.8	3,021	116,920	8,639	6.7	65,571
November .....	194,321	128,662	66.2	120,332	61.9	3,114	117,218	8,330	6.5	65,659
December .....	194,472	128,898	66.3	120,661	62.0	3,096	117,565	8,237	6.4	65,574
<b>1994:</b>										
January <sup>3</sup> .....	195,953	130,667	66.7	121,971	62.2	3,331	118,639	8,696	6.7	65,286
February .....	196,090	130,776	66.7	122,258	62.3	3,391	118,667	8,518	6.5	65,314
March .....	196,213	130,580	66.6	122,037	62.2	3,426	118,611	8,543	6.5	65,633
April .....	196,363	130,747	66.6	122,338	62.3	3,459	118,880	8,408	6.4	65,616
May .....	196,510	130,774	66.5	122,872	62.5	3,435	119,437	7,902	6.0	65,736
June .....	196,693	130,248	66.2	122,430	62.2	3,235	119,195	7,817	6.0	66,445
July .....	196,859	130,457	66.3	122,452	62.2	3,278	119,173	8,005	6.1	66,403

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

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

<sup>3</sup> 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 *Employment and Earnings*.

**HOUSEHOLD DATA  
HISTORICAL**

**A-2. Employment status of the civilian noninstitutional population 16 years and over by sex, 1983 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>										
1983 .....	82,531	63,047	76.4	56,787	68.8	2,704	54,083	6,260	9.9	19,484
1984 .....	83,605	63,835	76.4	59,091	70.7	2,668	56,423	4,744	7.4	19,771
1985 .....	84,489	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 .....	87,657	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	61,602	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
<b>Monthly data, seasonally adjusted<sup>2</sup></b>										
<b>1993:</b>										
July .....	92,669	69,730	75.2	64,728	69.8	2,391	62,337	5,002	7.2	22,939
August .....	92,749	69,647	75.3	64,904	70.0	2,352	62,552	4,943	7.1	22,902
September .....	92,843	69,580	74.9	64,756	69.7	2,455	62,301	4,824	6.9	23,263
October .....	92,941	69,620	75.1	64,971	69.9	2,376	62,595	4,649	6.9	23,121
November .....	93,033	69,730	75.0	65,144	70.0	2,481	62,663	4,586	6.6	23,303
December .....	93,116	69,813	75.0	65,259	70.1	2,481	62,798	4,554	6.5	23,303
<b>1994:</b>										
January <sup>3</sup> .....	93,909	70,744	75.3	65,963	70.2	2,545	63,419	4,781	6.6	23,165
February .....	93,982	70,644	75.2	65,921	70.1	2,566	63,356	4,723	6.7	23,338
March .....	94,042	70,529	75.0	65,940	70.1	2,601	63,339	4,589	6.5	23,513
April .....	94,119	70,621	75.0	66,036	70.2	2,565	63,471	4,585	6.5	23,497
May .....	94,196	70,584	74.9	66,301	70.4	2,582	63,709	4,283	6.1	23,612
June .....	94,294	70,328	74.6	66,135	70.1	2,489	63,666	4,193	6.0	23,965
July .....	94,377	70,513	74.7	66,036	70.0	2,483	63,573	4,478	6.3	23,864
<b>Annual averages</b>										
<b>WOMEN</b>										
1983 .....	91,684	48,503	52.9	44,047	48.0	680	43,367	4,457	9.2	43,181
1984 .....	92,776	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	42,668
1986 <sup>1</sup> .....	94,769	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	41,801
1990 .....	98,399	56,554	57.5	53,479	54.3	879	52,600	3,075	5.4	41,845
1991 .....	99,214	56,893	57.3	53,284	53.7	682	52,602	3,609	8.3	42,321
1992 .....	100,035	57,798	57.6	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
<b>Monthly data, seasonally adjusted<sup>2</sup></b>										
<b>1993:</b>										
July .....	100,965	58,372	57.8	54,642	54.1	652	53,990	3,730	6.4	42,593
August .....	101,044	58,487	57.9	54,768	54.2	653	54,135	3,699	6.3	42,557
September .....	101,128	58,528	57.9	54,612	54.2	638	54,174	3,716	6.3	42,600
October .....	101,210	58,760	58.1	54,970	54.3	645	54,325	3,790	6.4	42,450
November .....	101,288	58,932	58.2	55,188	54.5	633	54,555	3,744	6.4	42,356
December .....	101,356	59,065	58.3	55,402	54.7	635	54,767	3,683	6.2	42,271
<b>1994:</b>										
January <sup>3</sup> .....	102,044	59,923	58.7	56,007	54.9	787	55,221	3,916	6.5	42,121
February .....	102,107	60,132	58.9	56,336	55.2	825	55,511	3,795	6.3	41,976
March .....	102,171	60,051	58.6	56,097	54.9	825	55,272	3,954	6.8	42,119
April .....	102,244	60,125	58.8	56,302	55.1	893	55,409	3,623	6.4	42,119
May .....	102,314	60,190	58.8	56,571	55.3	644	55,728	3,619	6.0	42,124
June .....	102,399	59,919	58.5	56,295	55.0	786	55,528	3,625	6.0	42,480
July .....	102,482	59,943	58.5	56,416	55.0	815	55,600	3,528	5.9	42,539

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

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

<sup>3</sup> 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 *Employment and Earnings*.

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

(Numbers in thousands)

Employment status, sex, and age	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>TOTAL</b>													
Civilian noninstitutional population <sup>1</sup> .....	193,833	193,793	193,971	194,151	194,321	194,472	195,953	196,090	196,213	196,363	196,510	196,693	196,859
Civilian labor force .....	128,102	128,334	128,108	128,580	128,662	128,898	130,667	130,776	130,580	130,747	130,774	130,248	130,457
Percent of population .....	66.2	66.2	66.0	66.2	66.2	66.3	66.7	66.7	66.6	66.6	66.5	66.2	66.3
Employed .....	119,370	119,692	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430	122,452
Employment-population ratio <sup>2</sup> .....	61.6	61.8	61.6	61.8	61.9	62.0	62.2	62.3	62.2	62.3	62.5	62.2	62.2
Unemployed .....	8,732	8,642	8,540	8,639	8,330	8,231	8,696	8,518	8,543	8,408	7,902	7,817	8,005
Unemployment rate .....	6.8	6.7	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0	6.1
<b>Men, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	92,669	92,749	92,843	92,941	93,033	93,116	93,909	93,982	94,042	94,119	94,196	94,294	94,377
Civilian labor force .....	69,730	69,847	69,580	69,820	69,730	69,813	70,744	70,644	70,529	70,621	70,584	70,328	70,513
Percent of population .....	75.2	75.3	74.9	75.1	75.0	75.0	75.3	75.2	75.0	75.0	74.9	74.6	74.7
Employed .....	64,728	64,904	64,756	64,971	65,144	65,259	65,963	65,921	65,940	66,036	66,301	66,135	66,036
Employment-population ratio <sup>2</sup> .....	69.8	70.0	69.7	69.9	70.0	70.1	70.2	70.1	70.1	70.2	70.4	70.1	70.0
Agriculture .....	2,391	2,352	2,455	2,376	2,481	2,461	2,545	2,566	2,601	2,565	2,592	2,469	2,463
Nonagricultural industries .....	62,337	62,552	62,301	62,595	62,663	62,798	63,419	63,356	63,339	63,471	63,709	63,666	63,573
Unemployed .....	5,002	4,943	4,824	4,849	4,586	4,554	4,781	4,723	4,589	4,585	4,283	4,193	4,478
Unemployment rate .....	7.2	7.1	6.9	6.9	6.6	6.5	6.8	6.7	6.5	6.5	6.1	6.0	6.3
Not in labor force .....	22,939	22,902	23,263	23,121	23,303	23,303	23,165	23,338	23,513	23,497	23,612	23,965	23,864
<b>Men, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	85,950	86,002	86,075	86,156	86,245	86,373	86,778	86,820	86,901	86,946	87,000	87,095	87,123
Civilian labor force .....	66,140	66,221	66,038	66,306	66,198	66,321	66,806	66,764	66,723	66,701	66,692	66,409	66,596
Percent of population .....	77.0	77.0	76.7	77.0	76.8	76.8	77.0	76.9	76.8	76.7	76.7	76.2	76.4
Employed .....	61,869	62,006	61,901	62,172	62,315	62,444	62,642	62,778	62,857	62,958	63,192	62,916	62,889
Employment-population ratio <sup>2</sup> .....	72.0	72.1	71.9	72.2	72.3	72.3	72.4	72.3	72.3	72.4	72.6	72.2	72.2
Agriculture .....	2,235	2,193	2,264	2,223	2,334	2,300	2,352	2,339	2,358	2,376	2,412	2,307	2,285
Nonagricultural industries .....	59,634	59,813	59,637	59,949	59,981	60,144	60,490	60,439	60,499	60,582	60,780	60,609	60,605
Unemployed .....	4,271	4,215	4,137	4,134	3,883	3,877	3,964	3,986	3,866	3,743	3,500	3,493	3,706
Unemployment rate .....	6.5	6.4	6.3	6.2	5.9	5.8	5.9	6.0	5.8	5.6	5.2	5.3	5.6
Not in labor force .....	19,810	19,781	20,037	19,850	20,047	20,052	19,972	20,056	20,178	20,246	20,308	20,686	20,528
<b>Women, 16 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	100,965	101,044	101,128	101,210	101,288	101,356	102,044	102,107	102,171	102,244	102,314	102,399	102,482
Civilian labor force .....	58,372	58,487	58,528	58,760	58,932	59,085	59,923	60,132	60,051	60,125	60,190	59,919	59,943
Percent of population .....	57.8	57.9	57.9	58.1	58.2	58.3	58.7	58.9	58.8	58.8	58.8	58.5	58.5
Employed .....	54,642	54,788	54,812	54,970	55,188	55,402	56,007	56,336	56,097	56,302	56,571	56,295	56,418
Employment-population ratio <sup>2</sup> .....	54.1	54.2	54.2	54.3	54.5	54.7	54.9	55.2	54.9	55.1	55.3	55.0	55.0
Agriculture .....	652	653	638	645	633	635	787	825	825	893	844	766	815
Nonagricultural industries .....	53,990	54,135	54,174	54,325	54,555	54,767	55,221	55,511	55,272	55,409	55,728	55,528	55,600
Unemployed .....	3,730	3,699	3,716	3,790	3,744	3,683	3,916	3,795	3,954	3,823	3,619	3,625	3,528
Unemployment rate .....	6.4	6.3	6.3	6.4	6.4	6.2	6.5	6.3	6.6	6.4	6.0	6.0	5.9
Not in labor force .....	42,593	42,557	42,600	42,450	42,356	42,271	42,121	41,976	42,119	42,119	42,124	42,480	42,539
<b>Women, 20 years and over</b>													
Civilian noninstitutional population <sup>1</sup> .....	94,425	94,490	94,575	94,656	94,709	94,764	95,109	95,159	95,225	95,262	95,329	95,407	95,469
Civilian labor force .....	55,100	55,249	55,251	55,462	55,621	55,783	56,368	56,611	56,487	56,410	56,548	56,214	56,387
Percent of population .....	58.4	58.5	58.4	58.6	58.7	58.9	59.3	59.5	59.3	59.2	59.3	58.9	59.0
Employed .....	51,901	52,084	52,072	52,243	52,423	52,631	53,014	53,403	53,121	53,265	53,521	53,181	53,394
Employment-population ratio <sup>2</sup> .....	55.0	55.1	55.1	55.2	55.4	55.5	55.7	58.1	55.8	55.9	58.1	55.7	55.9
Agriculture .....	616	614	596	601	597	599	744	766	773	837	787	726	781
Nonagricultural industries .....	51,285	51,470	51,476	51,642	51,826	52,032	52,270	52,638	52,348	52,428	52,734	52,455	52,613
Unemployed .....	3,199	3,165	3,179	3,219	3,198	3,152	3,354	3,208	3,366	3,145	3,027	3,033	2,972
Unemployment rate .....	5.8	5.7	5.8	5.8	5.7	5.7	6.0	5.7	6.0	5.6	5.4	5.4	5.3
Not in labor force .....	39,325	39,241	39,324	39,194	39,088	38,981	38,742	38,548	38,738	38,872	38,781	39,193	39,103
<b>Both sexes, 16 to 19 years</b>													
Civilian noninstitutional population <sup>1</sup> .....	13,258	13,301	13,321	13,339	13,367	13,335	14,066	14,111	14,087	14,135	14,181	14,191	14,267
Civilian labor force .....	6,862	6,864	6,819	6,812	6,843	6,794	7,493	7,401	7,370	7,636	7,534	7,625	7,495
Percent of population .....	51.8	51.6	51.2	51.1	51.2	50.9	53.3	52.4	52.3	54.0	53.1	53.7	52.5
Employed .....	5,600	5,602	5,595	5,526	5,594	5,586	6,115	6,076	6,059	6,116	6,159	6,333	6,168
Employment-population ratio <sup>2</sup> .....	42.2	42.1	42.0	41.4	41.8	41.9	43.5	43.1	43.0	43.3	43.4	44.6	43.2
Agriculture .....	192	198	233	197	183	197	236	287	295	245	236	203	212
Nonagricultural industries .....	5,408	5,404	5,362	5,329	5,411	5,389	5,879	5,790	5,764	5,870	5,923	6,130	5,956
Unemployed .....	1,262	1,262	1,224	1,286	1,249	1,208	1,378	1,325	1,311	1,520	1,375	1,292	1,327
Unemployment rate .....	18.4	18.4	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9	17.7
Not in labor force .....	6,396	6,437	6,502	6,527	6,524	6,541	6,573	6,710	6,717	6,499	6,647	6,566	6,772

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

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

NOTE: Detail for the seasonally adjusted data shown in tables A-3 through A-12 will not necessarily add to totals because of the independent

seasonal adjustment of the various series. Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>WHITE</b>													
Civilian noninstitutional population <sup>1</sup> .....	163,971	164,074	164,190	164,309	164,421	164,516	165,014	165,096	165,168	165,259	165,351	165,472	165,576
Civilian labor force .....	109,393	109,646	109,492	110,009	109,804	110,016	110,802	110,934	110,633	110,673	110,797	110,358	110,768
Percent of population .....	66.7	66.8	66.7	67.0	66.8	66.9	67.1	67.2	67.0	67.0	67.0	66.7	66.9
Employed .....	102,835	103,179	103,094	103,273	103,662	103,807	104,355	104,669	104,314	104,450	105,038	104,555	104,831
Employment-population ratio <sup>2</sup> .....	62.7	62.9	62.8	62.9	63.0	63.1	63.2	63.4	63.2	63.2	63.5	63.2	63.3
Unemployed .....	6,558	6,467	6,398	6,736	6,142	6,209	6,447	6,264	6,319	6,222	5,760	5,804	5,936
Unemployment rate .....	6.0	5.9	5.8	6.1	5.6	5.6	5.8	5.6	5.7	5.6	5.2	5.3	5.4
<b>Men, 20 years and over</b>													
Civilian labor force .....	57,136	57,196	57,097	57,390	57,123	57,280	57,457	57,333	57,258	57,175	57,113	57,002	57,254
Percent of population .....	77.5	77.5	77.3	77.7	77.2	77.4	77.6	77.4	77.2	77.1	77.0	76.8	77.1
Employed .....	53,640	53,986	53,948	54,144	54,279	54,283	54,438	54,344	54,283	54,297	54,466	54,354	54,466
Employment-population ratio <sup>2</sup> .....	73.0	73.2	73.1	73.3	73.4	73.3	73.5	73.2	73.2	73.4	73.2	73.2	73.3
Unemployed .....	3,296	3,210	3,149	3,246	2,844	2,997	3,019	2,989	2,975	2,878	2,647	2,648	2,788
Unemployment rate .....	5.8	5.6	5.5	5.7	5.0	5.2	5.3	5.2	5.2	5.0	4.6	4.6	4.9
<b>Women, 20 years and over</b>													
Civilian labor force .....	46,446	46,586	46,544	46,710	46,768	46,872	47,025	47,281	47,085	46,951	47,222	46,938	47,183
Percent of population .....	58.3	58.5	58.4	58.5	58.6	58.7	59.0	59.3	59.0	58.8	59.1	58.7	59.0
Employed .....	44,093	44,263	44,207	44,223	44,392	44,554	44,631	45,002	44,724	44,755	45,110	44,686	44,949
Employment-population ratio <sup>2</sup> .....	55.4	55.5	55.4	55.4	55.6	55.8	56.0	56.4	56.0	56.0	56.5	55.9	56.2
Unemployed .....	2,353	2,323	2,337	2,487	2,376	2,318	2,393	2,279	2,360	2,196	2,113	2,252	2,234
Unemployment rate .....	5.1	5.0	5.0	5.3	5.1	4.9	5.1	4.8	5.0	4.7	4.5	4.8	4.7
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	5,811	5,864	5,851	5,909	5,913	5,864	6,321	6,319	6,290	6,546	6,463	6,418	6,330
Percent of population .....	54.9	55.3	55.1	55.6	55.6	55.1	56.5	56.4	56.1	58.3	57.5	57.0	56.1
Employed .....	4,902	4,930	4,939	4,906	4,991	4,970	5,286	5,323	5,306	5,398	5,462	5,515	5,416
Employment-population ratio <sup>2</sup> .....	46.3	46.5	46.5	46.2	46.9	46.7	47.3	47.5	47.3	48.0	48.6	49.0	48.0
Unemployed .....	909	934	912	1,003	922	894	1,034	996	984	1,148	1,000	904	914
Unemployment rate .....	15.6	15.9	15.6	17.0	15.6	15.2	16.4	15.8	15.6	17.5	15.5	14.1	14.4
Men .....	17.7	17.7	16.8	17.9	17.7	16.9	18.5	16.7	16.7	19.0	17.3	14.7	16.1
Women .....	13.4	14.0	14.3	16.0	13.3	13.4	14.0	14.7	14.6	16.0	13.5	13.5	12.6
<b>BLACK</b>													
Civilian noninstitutional population <sup>1</sup> .....	22,346	22,375	22,408	22,442	22,475	22,504	22,723	22,751	22,774	22,799	22,824	22,855	22,883
Civilian labor force .....	13,920	13,969	13,952	13,945	14,057	14,011	14,368	14,487	14,573	14,523	14,497	14,502	14,351
Percent of population .....	62.3	62.4	62.3	62.1	62.5	62.3	63.2	63.7	64.0	63.7	63.5	63.5	62.7
Employed .....	12,134	12,225	12,202	12,292	12,297	12,397	12,482	12,624	12,749	12,813	12,825	12,874	12,739
Employment-population ratio <sup>2</sup> .....	54.3	54.6	54.5	54.8	54.7	55.1	54.9	55.5	56.0	56.2	56.2	56.3	55.7
Unemployed .....	1,786	1,744	1,750	1,653	1,760	1,614	1,887	1,863	1,824	1,710	1,672	1,628	1,612
Unemployment rate .....	12.8	12.5	12.5	11.9	12.5	11.5	13.1	12.9	12.5	11.8	11.5	11.2	11.2
<b>Men, 20 years and over</b>													
Civilian labor force .....	6,509	6,552	6,507	6,482	6,529	6,469	6,563	6,697	6,633	6,622	6,715	6,581	6,537
Percent of population .....	72.0	72.4	71.8	71.5	71.8	70.9	72.1	73.4	72.7	72.5	73.4	71.8	71.4
Employed .....	5,742	5,764	5,717	5,770	5,725	5,787	5,753	5,884	5,953	5,962	6,048	5,944	5,854
Employment-population ratio <sup>2</sup> .....	63.5	63.7	63.1	63.6	63.0	63.5	63.2	64.5	65.2	65.2	66.1	64.9	64.0
Unemployed .....	767	788	790	712	804	682	810	813	679	660	666	637	683
Unemployment rate .....	11.8	12.0	12.1	11.0	12.3	10.5	12.3	12.1	10.2	10.0	9.9	9.7	10.5
<b>Women, 20 years and over</b>													
Civilian labor force .....	6,605	6,644	6,686	6,731	6,766	6,801	6,917	6,993	7,117	7,065	6,990	7,038	6,939
Percent of population .....	58.9	59.2	59.5	59.8	60.1	60.3	60.5	61.1	62.2	61.6	60.9	61.3	60.4
Employed .....	5,879	5,947	6,001	6,059	6,111	6,143	6,121	6,224	6,253	6,317	6,300	6,379	6,343
Employment-population ratio <sup>2</sup> .....	52.5	53.0	53.4	53.9	54.2	54.5	53.6	54.4	54.6	55.1	54.9	55.5	55.2
Unemployed .....	726	697	685	672	655	658	796	769	865	747	690	659	596
Unemployment rate .....	11.0	10.5	10.2	10.0	9.7	9.7	11.5	11.0	12.1	10.6	9.9	9.4	8.6

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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>BLACK—Continued</b>													
<b>Both sexes, 16 to 19 years</b>													
Civilian labor force .....	806	773	759	732	762	741	889	796	823	837	792	882	876
Percent of population .....	38.5	36.8	35.9	34.5	35.9	35.2	40.5	36.3	37.5	38.1	36.0	40.0	39.2
Employed .....	513	514	484	463	461	467	607	515	543	534	476	551	542
Employment-population ratio <sup>2</sup> .....	24.5	24.5	22.9	21.8	21.7	22.2	27.7	23.5	24.7	24.3	21.6	25.0	24.3
Unemployed .....	293	259	275	269	301	274	281	281	280	303	316	331	333
Unemployment rate .....	36.4	33.5	36.2	36.7	39.5	37.0	31.7	35.3	34.0	36.2	39.9	37.6	38.1
Men .....	37.9	34.9	39.7	40.6	39.2	38.8	38.1	40.1	37.5	40.8	42.8	40.0	43.0
Women .....	34.7	32.0	32.3	32.8	39.7	35.2	25.5	30.5	30.2	31.3	36.5	34.9	32.3
<b>HISPANIC ORIGIN</b>													
Civilian noninstitutional population <sup>1</sup> .....	15,777	15,824	15,871	15,917	15,967	16,014	17,849	17,896	17,942	17,993	18,041	18,092	18,143
Civilian labor force .....	10,375	10,331	10,433	10,586	10,575	10,625	11,746	11,835	11,871	11,880	11,929	11,850	11,949
Percent of population .....	65.8	65.3	65.7	66.5	66.2	66.3	65.8	66.1	66.2	66.0	66.1	65.5	65.9
Employed .....	9,250	9,311	9,394	9,384	9,476	9,513	10,495	10,650	10,680	10,595	10,801	10,634	10,736
Employment-population ratio <sup>2</sup> .....	58.6	58.8	59.2	59.0	59.3	59.4	58.8	59.5	59.5	58.9	59.9	58.8	59.2
Unemployed .....	1,125	1,020	1,039	1,202	1,099	1,112	1,251	1,185	1,190	1,285	1,127	1,217	1,212
Unemployment rate .....	10.8	9.9	10.0	11.4	10.4	10.5	10.6	10.0	10.0	10.8	9.5	10.3	10.1

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

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

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

for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>EMPLOYED</b>													
Full-time workers .....	98,359	98,716	98,690	98,945	99,373	99,595	97,940	98,574	98,488	99,307	99,763	99,286	99,684
Men, 16 years and over .....	57,599	57,742	57,833	57,876	58,115	58,265	57,714	57,971	58,395	58,558	58,707	58,888	58,744
Men, 20 years and over .....	56,624	56,711	56,718	56,770	57,032	57,156	56,657	56,942	57,380	57,569	57,819	57,457	57,538
Women, 16 years and over .....	40,632	40,920	40,953	41,065	41,284	41,386	40,291	40,601	40,083	40,647	41,025	40,653	40,946
Women, 20 years and over .....	39,954	40,204	40,066	40,334	40,511	40,632	39,496	39,816	39,312	39,871	40,297	39,854	40,266
Both sexes, 16 to 19 years .....	1,781	1,601	1,906	1,841	1,830	1,807	1,787	1,817	1,795	1,868	1,847	1,975	1,880
Part-time workers .....	21,092	21,073	20,867	20,997	20,961	21,060	23,932	23,641	23,539	22,966	23,132	23,138	22,858
Men, 16 years and over .....	7,091	7,139	7,009	7,156	7,069	7,035	8,214	7,928	7,536	7,413	7,530	7,436	7,291
Men, 20 years and over .....	5,251	5,315	5,236	5,392	5,283	5,268	6,148	5,839	5,500	5,400	5,560	5,469	5,372
Women, 16 years and over .....	13,954	13,898	13,897	13,886	13,900	14,056	15,720	15,724	16,004	15,566	15,577	15,661	15,495
Women, 20 years and over .....	11,912	11,875	11,921	11,909	11,916	12,039	13,523	13,574	13,802	13,391	13,283	13,357	13,157
Both sexes, 16 to 19 years .....	3,929	3,883	3,710	3,696	3,762	3,753	4,260	4,228	4,237	4,175	4,286	4,312	4,329
<b>UNEMPLOYED</b>													
Looking for full-time work .....	7,231	7,109	6,964	7,044	6,707	6,760	7,160	7,008	6,956	6,833	6,319	6,414	6,561
Men, 16 years and over .....	4,352	4,275	4,138	4,193	3,978	3,963	4,205	4,070	3,803	3,910	3,617	3,642	3,854
Men, 20 years and over .....	4,013	3,949	3,851	3,868	3,581	3,651	3,767	3,677	3,526	3,499	3,230	3,228	3,423
Women, 16 years and over .....	2,892	2,804	2,841	2,809	2,786	2,787	2,966	2,950	3,091	2,895	2,701	2,768	2,728
Women, 20 years and over .....	2,595	2,561	2,613	2,590	2,542	2,568	2,749	2,710	2,835	2,567	2,451	2,475	2,424
Both sexes, 16 to 19 years .....	623	599	500	586	584	541	644	621	595	767	638	711	714
Looking for part-time work .....	1,522	1,547	1,557	1,623	1,565	1,489	1,581	1,488	1,595	1,589	1,520	1,426	1,466
Men, 16 years and over .....	614	648	671	652	616	606	681	645	701	627	651	600	614
Men, 20 years and over .....	253	274	292	270	259	254	276	280	314	232	257	270	297
Women, 16 years and over .....	908	900	881	1,016	957	868	890	855	891	956	860	835	840
Women, 20 years and over .....	621	608	567	651	643	575	580	502	552	595	530	563	547
Both sexes, 16 to 19 years .....	648	665	698	702	663	660	726	706	728	762	734	593	621
<b>UNEMPLOYMENT RATES<sup>1</sup></b>													
Full-time workers .....	6.8	6.7	6.6	6.6	6.3	6.4	6.8	6.6	6.6	6.4	6.0	6.1	6.2
Men, 16 years and over .....	7.0	6.9	6.7	6.8	6.4	6.4	6.8	6.6	6.1	6.3	5.8	5.8	6.2
Men, 20 years and over .....	6.6	6.5	6.4	6.4	5.9	6.0	6.2	6.1	5.8	5.7	5.3	5.3	5.6
Women, 16 years and over .....	6.6	6.4	6.5	6.4	6.3	6.3	6.9	6.8	7.2	6.6	6.2	6.4	6.2
Women, 20 years and over .....	6.1	6.0	6.1	6.0	5.9	5.9	6.5	6.4	6.7	6.0	5.7	5.8	5.7
Both sexes, 16 to 19 years .....	25.9	25.0	20.8	24.1	24.2	23.0	26.5	25.5	24.9	29.1	25.7	26.5	27.5
Part-time workers .....	6.7	6.8	6.9	7.2	6.9	6.6	6.2	5.9	6.3	6.5	6.2	5.8	6.0
Men, 16 years and over .....	8.0	8.3	8.7	8.4	8.0	7.9	7.7	7.5	8.5	7.8	8.0	7.5	7.8
Men, 20 years and over .....	4.6	4.9	5.3	4.8	4.7	4.6	4.3	4.6	5.4	4.1	4.4	4.7	5.2
Women, 16 years and over .....	6.1	6.1	6.0	6.8	6.4	5.8	5.4	5.2	5.3	5.8	5.2	5.1	5.1
Women, 20 years and over .....	5.0	4.9	4.5	5.2	5.1	4.6	4.1	3.6	3.8	4.3	3.8	4.0	4.0
Both sexes, 16 to 19 years .....	14.2	14.6	15.8	18.0	15.0	15.0	14.6	14.3	14.7	15.4	14.6	12.1	12.5

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

NOTE: Data for 1994 are not directly comparable with data for 1993

and earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.



**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Category	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>MARITAL STATUS</b>													
Total .....	119,370	119,692	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430	122,452
Married men, spouse present .....	40,877	40,792	40,826	40,816	40,842	40,951	41,483	41,328	41,331	41,380	41,367	41,287	41,224
Married women, spouse present .....	30,322	30,536	30,509	30,641	30,872	31,051	31,579	31,709	31,310	31,345	31,324	31,054	31,379
Women who maintain families .....	6,806	6,840	6,833	6,784	6,704	6,693	6,796	7,133	7,369	7,191	7,094	6,978	7,013
<b>OCCUPATION</b>													
Managerial and professional specialty .....	32,370	32,476	32,538	32,635	32,739	32,764	33,008	33,122	33,152	33,415	34,103	33,901	33,859
Technical, sales, and administrative support .....	37,171	36,902	36,832	36,965	36,974	37,243	37,411	37,191	37,060	36,796	36,624	36,811	37,194
Service occupations .....	16,466	16,470	16,547	16,599	16,688	16,734	16,796	17,087	17,111	17,107	16,958	17,006	16,899
Precision production, craft, and repair .....	13,280	13,726	13,487	13,430	13,597	13,445	13,494	13,644	13,551	13,232	13,584	13,305	13,330
Operators, fabricators, and laborers .....	16,859	16,892	16,968	16,996	16,958	17,209	17,685	17,645	17,581	17,888	17,947	17,934	17,762
Farming, forestry, and fishing .....	3,286	3,262	3,319	3,287	3,389	3,325	3,598	3,693	3,651	3,677	3,609	3,419	3,487
<b>CLASS OF WORKER</b>													
Agriculture:													
Wage and salary workers .....	1,626	1,566	1,667	1,657	1,719	1,724	1,641	1,677	1,719	1,693	1,757	1,629	1,637
Self-employed workers .....	1,323	1,312	1,319	1,274	1,311	1,269	1,590	1,633	1,861	1,710	1,654	1,582	1,606
Unpaid family workers .....	93	110	90	97	89	92	78	55	41	43	40	46	50
Nonagricultural industries:													
Wage and salary workers .....	107,057	107,370	107,331	107,727	107,975	108,247	109,526	109,547	109,365	109,749	110,243	110,052	110,082
Private industries .....	88,622	88,843	88,824	89,251	89,482	89,744	91,364	91,395	90,883	91,356	91,770	91,729	91,825
Private households .....	1,081	1,128	1,123	1,179	1,103	1,104	928	1,074	1,035	1,043	997	964	934
Other industries .....	87,541	87,715	87,701	88,072	88,379	88,640	90,436	90,321	89,849	90,313	90,773	90,765	90,891
Government .....	18,435	18,527	18,507	18,476	18,493	18,503	18,163	18,152	18,481	18,393	18,473	18,322	18,256
Self-employed workers .....	9,093	9,026	8,949	8,961	9,011	9,053	8,990	9,312	9,148	8,982	9,138	8,946	8,970
Unpaid family workers .....	203	245	250	229	223	217	142	143	117	131	121	154	138
<b>PERSONS AT WORK PART TIME<sup>1</sup></b>													
All industries:													
Part time for economic reasons .....	6,451	6,469	6,394	6,202	6,126	6,217	5,167	4,643	4,992	4,757	4,878	4,785	4,425
Slack work or business conditions .....	3,099	3,202	3,167	3,072	3,037	3,099	2,561	2,301	2,538	2,363	2,571	2,535	2,430
Could only find part-time work .....	2,986	2,935	2,937	2,872	2,810	2,828	2,171	2,028	2,138	2,101	2,026	1,981	1,664
Part time for noneconomic reasons .....	15,121	15,216	15,182	15,201	15,290	15,373	17,744	17,674	17,519	17,072	17,346	17,339	18,059
Nonagricultural industries:													
Part time for economic reasons .....	6,213	6,216	6,173	5,957	5,904	5,934	4,842	4,384	4,762	4,613	4,688	4,590	4,224
Slack work or business conditions .....	2,920	3,049	3,006	2,927	2,905	2,922	2,439	2,169	2,411	2,241	2,449	2,430	2,315
Could only find part-time work .....	2,931	2,856	2,879	2,773	2,719	2,739	2,075	1,944	2,089	2,078	1,993	1,935	1,627
Part time for noneconomic reasons .....	14,707	14,814	14,757	14,788	14,858	14,909	17,056	17,081	16,893	16,463	16,721	16,842	17,443

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

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(In thousands)

Age and sex	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total, 16 years and over .....	119,370	119,692	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430	122,452
16 to 24 years .....	17,752	17,688	17,679	17,648	17,663	17,709	18,637	18,898	18,723	18,798	19,006	19,193	18,776
16 to 19 years .....	5,600	5,602	5,595	5,526	5,594	5,586	6,115	6,076	6,059	6,116	6,159	6,333	6,188
16 to 17 years .....	2,153	2,185	2,193	2,162	2,194	2,240	2,435	2,351	2,363	2,408	2,510	2,530	2,499
18 to 19 years .....	3,425	3,410	3,412	3,375	3,406	3,350	3,657	3,706	3,674	3,704	3,661	3,765	3,673
20 to 24 years .....	12,152	12,086	12,084	12,122	12,069	12,123	12,522	12,822	12,664	12,683	12,847	12,860	12,608
25 years and over .....	101,608	102,006	101,899	102,310	102,665	102,976	103,312	103,402	103,352	103,451	103,951	103,299	103,706
25 to 54 years .....	86,947	87,204	87,275	87,479	87,968	88,197	88,308	88,582	88,750	88,709	88,915	88,497	88,901
55 years and over .....	14,587	14,830	14,621	14,787	14,806	14,831	15,036	14,862	14,614	14,709	14,939	14,784	14,730
Men, 16 years and over .....	64,728	64,904	64,756	64,971	65,144	65,259	65,963	65,921	65,940	66,036	66,301	66,135	66,036
16 to 24 years .....	9,199	9,245	9,182	9,179	9,171	9,165	9,711	9,939	9,754	9,808	9,940	9,992	9,803
16 to 19 years .....	2,859	2,898	2,855	2,799	2,829	2,815	3,121	3,143	3,083	3,078	3,109	3,219	3,147
16 to 17 years .....	1,112	1,130	1,120	1,106	1,133	1,152	1,220	1,205	1,197	1,242	1,262	1,251	1,291
18 to 19 years .....	1,729	1,743	1,745	1,701	1,705	1,670	1,896	1,925	1,876	1,842	1,845	1,944	1,866
20 to 24 years .....	6,340	6,347	6,327	6,380	6,342	6,350	6,590	6,795	6,671	6,730	6,831	6,772	6,657
25 years and over .....	55,538	55,667	55,581	55,823	55,970	56,089	56,244	56,035	56,203	56,182	56,387	56,174	56,232
25 to 54 years .....	47,321	47,366	47,386	47,496	47,791	47,880	47,944	47,943	48,173	48,117	48,199	48,046	48,064
55 years and over .....	8,187	8,288	8,199	8,318	8,241	8,253	8,333	8,115	8,036	8,070	8,126	8,116	8,102
Women, 18 years and over .....	54,642	54,788	54,812	54,970	55,188	55,402	56,007	56,336	56,097	56,302	56,571	56,295	56,416
16 to 24 years .....	8,553	8,443	8,497	8,469	8,492	8,544	8,926	8,959	8,970	8,991	9,066	9,201	8,973
16 to 19 years .....	2,741	2,704	2,740	2,727	2,765	2,771	2,994	2,933	2,976	3,038	3,050	3,114	3,021
16 to 17 years .....	1,041	1,055	1,073	1,056	1,061	1,088	1,215	1,147	1,167	1,166	1,248	1,278	1,208
18 to 19 years .....	1,696	1,667	1,667	1,674	1,701	1,680	1,771	1,781	1,799	1,862	1,816	1,821	1,807
20 to 24 years .....	5,812	5,739	5,757	5,742	5,727	5,773	5,932	6,026	5,993	5,953	6,016	6,088	5,952
25 years and over .....	46,070	46,339	46,318	46,487	46,695	46,887	47,069	47,367	47,149	47,269	47,564	47,125	47,473
25 to 54 years .....	39,626	39,838	39,889	39,983	40,177	40,337	40,364	40,640	40,578	40,591	40,724	40,451	40,837
55 years and over .....	6,400	6,542	6,413	6,489	6,585	6,578	6,703	6,747	6,578	6,639	6,813	6,668	6,628

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

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

(In thousands)

Age and sex	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total, 16 years and over .....	8,732	8,642	8,540	8,639	8,330	8,237	8,696	8,518	8,543	8,408	7,902	7,817	8,005
16 to 24 years .....	2,683	2,695	2,574	2,616	2,568	2,480	2,922	2,753	2,855	2,921	2,709	2,620	2,707
16 to 19 years .....	1,262	1,262	1,224	1,286	1,249	1,208	1,378	1,325	1,311	1,520	1,375	1,292	1,327
16 to 17 years .....	551	547	519	566	566	527	654	656	586	765	648	638	649
18 to 19 years .....	707	706	694	724	687	689	700	668	725	764	738	669	670
20 to 24 years .....	1,421	1,433	1,350	1,330	1,319	1,272	1,544	1,428	1,543	1,400	1,333	1,328	1,380
25 years and over .....	6,040	5,942	5,978	6,016	5,747	5,750	5,857	5,738	5,680	5,469	5,182	5,205	5,296
25 to 54 years .....	5,395	5,270	5,273	5,369	5,124	5,106	5,107	5,075	4,993	4,793	4,517	4,581	4,686
55 years and over .....	651	662	721	699	649	657	723	670	700	644	641	601	644
Men, 16 years and over .....	5,002	4,943	4,824	4,849	4,586	4,554	4,781	4,723	4,589	4,585	4,283	4,193	4,478
16 to 24 years .....	1,535	1,567	1,463	1,475	1,438	1,389	1,670	1,530	1,559	1,627	1,538	1,431	1,558
16 to 19 years .....	731	728	687	715	703	677	816	737	723	843	783	700	771
16 to 17 years .....	321	314	286	312	314	286	384	338	341	421	377	355	341
18 to 19 years .....	409	409	389	404	388	390	418	397	386	427	418	383	424
20 to 24 years .....	804	839	776	760	735	712	854	793	835	784	754	730	787
25 years and over .....	3,458	3,374	3,360	3,365	3,141	3,171	3,194	3,169	3,010	2,954	2,729	2,754	2,919
25 to 54 years .....	3,039	2,948	2,911	2,961	2,755	2,774	2,787	2,782	2,625	2,557	2,350	2,410	2,524
55 years and over .....	410	425	462	417	391	411	408	401	385	373	368	340	395
Women, 16 years and over .....	3,730	3,699	3,716	3,790	3,744	3,683	3,916	3,795	3,954	3,823	3,619	3,825	3,528
16 to 24 years .....	1,148	1,128	1,111	1,141	1,130	1,091	1,252	1,223	1,296	1,294	1,171	1,189	1,149
16 to 19 years .....	531	534	537	571	546	531	562	588	588	678	592	591	555
16 to 17 years .....	230	233	233	254	252	241	271	318	245	344	271	283	308
18 to 19 years .....	298	297	305	320	299	299	283	272	339	337	320	308	247
20 to 24 years .....	617	594	574	570	584	560	690	635	708	617	579	598	593
25 years and over .....	2,582	2,568	2,618	2,651	2,606	2,579	2,664	2,568	2,670	2,515	2,453	2,451	2,377
25 to 54 years .....	2,356	2,322	2,362	2,408	2,369	2,332	2,320	2,293	2,369	2,236	2,167	2,172	2,142
55 years and over .....	241	237	259	282	258	246	315	269	316	272	274	261	250

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

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

Age and sex	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total, 16 years and over .....	6.8	6.7	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0	6.1
16 to 24 years .....	13.1	13.2	12.7	12.9	12.7	12.3	13.6	12.7	13.2	13.4	12.5	12.0	12.6
16 to 19 years .....	18.4	18.4	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9	17.7
16 to 17 years .....	20.4	20.0	19.1	20.7	20.5	19.0	21.2	21.8	19.9	24.1	20.5	20.1	20.6
18 to 19 years .....	17.1	17.2	16.9	17.7	16.8	17.1	16.1	15.3	16.5	17.1	16.8	15.1	15.4
20 to 24 years .....	10.5	10.6	10.0	9.9	9.9	9.5	11.0	10.0	10.9	9.9	9.4	9.4	9.9
25 years and over .....	5.6	5.5	5.5	5.6	5.3	5.3	5.4	5.3	5.2	5.0	4.7	4.8	4.9
25 to 54 years .....	5.8	5.7	5.7	5.8	5.5	5.5	5.5	5.4	5.3	5.1	4.8	4.9	5.0
55 years and over .....	4.3	4.3	4.7	4.5	4.2	4.2	4.6	4.3	4.6	4.2	4.1	3.9	4.2
Men, 16 years and over .....	7.2	7.1	6.9	6.9	6.6	6.5	6.8	6.7	6.5	6.5	6.1	6.0	6.3
16 to 24 years .....	14.3	14.5	13.7	13.8	13.6	13.2	14.7	13.3	13.8	14.2	13.4	12.5	13.7
16 to 19 years .....	20.4	20.1	19.4	20.3	19.9	19.4	20.7	19.0	19.0	21.5	20.1	17.9	19.7
16 to 17 years .....	22.4	21.7	20.3	22.0	21.7	19.9	23.9	21.9	22.2	25.3	23.0	22.1	20.9
18 to 19 years .....	19.1	19.0	18.2	19.2	18.5	18.9	18.1	17.1	17.1	18.8	18.5	15.7	18.5
20 to 24 years .....	11.3	11.7	10.9	10.6	10.4	10.1	11.5	10.5	11.1	10.4	9.9	9.7	10.6
25 years and over .....	5.9	5.7	5.7	5.7	5.3	5.4	5.4	5.4	5.1	5.0	4.6	4.7	4.9
25 to 54 years .....	6.0	5.9	5.8	5.9	5.5	5.5	5.5	5.5	5.2	5.0	4.7	4.8	5.0
55 years and over .....	4.8	4.9	5.3	4.8	4.5	4.7	4.7	4.7	4.6	4.4	4.3	4.0	4.6
Women, 16 years and over .....	6.4	6.3	6.3	6.4	6.4	6.2	6.5	6.3	6.6	6.4	6.0	6.0	5.9
16 to 24 years .....	11.8	11.8	11.6	11.9	11.7	11.3	12.3	12.0	12.6	12.6	11.4	11.4	11.3
16 to 19 years .....	16.2	16.5	16.4	17.3	16.5	16.1	15.8	16.7	16.5	18.2	16.3	16.0	15.5
16 to 17 years .....	18.1	18.1	17.8	19.4	19.2	18.1	18.2	21.7	17.4	22.8	17.8	18.1	20.3
18 to 19 years .....	14.9	15.1	15.5	16.0	14.9	15.1	13.8	13.2	15.8	15.3	15.0	14.4	12.0
20 to 24 years .....	9.6	9.4	9.1	9.0	9.3	8.8	10.4	9.5	10.6	9.4	8.8	8.9	9.1
25 years and over .....	5.3	5.3	5.3	5.4	5.3	5.2	5.4	5.1	5.4	5.1	4.9	4.9	4.8
25 to 54 years .....	5.6	5.5	5.6	5.7	5.6	5.5	5.4	5.3	5.5	5.2	5.1	5.1	5.0
55 years and over .....	3.6	3.5	3.9	4.2	3.8	3.6	4.5	3.8	4.6	3.9	3.9	3.8	3.6

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

Category	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>CHARACTERISTIC</b>													
Total .....	6.8	6.7	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0	6.1
Men, 20 years and over .....	6.5	6.4	6.3	6.2	5.9	5.8	5.9	6.0	5.8	5.6	5.2	5.3	5.6
Women, 20 years and over .....	5.8	5.7	5.8	5.8	5.7	5.7	6.0	5.7	6.0	5.6	5.4	5.4	5.3
Both sexes, 16 to 19 years .....	18.4	18.4	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9	17.7
White .....	6.0	5.9	5.8	6.1	5.6	5.6	5.8	5.6	5.7	5.6	5.2	5.3	5.4
Black and other .....	11.6	11.5	11.4	10.9	11.3	10.7	11.6	11.3	11.3	10.8	10.4	10.2	10.4
Black .....	12.8	12.5	12.5	11.9	12.5	11.5	13.1	12.9	12.5	11.8	11.5	11.2	11.2
Hispanic origin .....	10.8	9.9	10.0	11.4	10.4	10.5	10.6	10.0	10.0	10.8	9.5	10.3	10.1
Married men, spouse present .....	4.5	4.4	4.2	4.4	4.0	3.9	4.1	4.3	4.1	3.9	3.7	3.5	3.7
Married women, spouse present .....	4.7	4.5	4.6	4.8	4.4	4.3	4.4	4.3	4.4	4.1	4.0	4.3	4.0
Women who maintain families .....	9.6	9.0	9.0	9.3	9.0	10.2	9.4	9.7	9.6	9.1	8.9	8.7	7.8
<b>OCCUPATION<sup>1</sup></b>													
Managerial and professional specialty .....	2.7	2.8	2.8	2.8	2.9	2.8	2.9	2.9	2.7	2.6	2.3	3.0	2.6
Technical, sales, and administrative support .....	5.3	5.3	5.3	5.3	5.2	5.1	5.4	5.4	5.7	5.2	5.2	5.2	4.7
Precision production, craft, and repair .....	8.6	7.5	7.6	7.9	6.7	7.4	7.0	6.8	7.2	6.5	6.5	6.1	5.7
Operators, fabricators, and laborers .....	10.2	10.4	10.1	9.8	9.2	9.1	10.0	9.5	8.8	9.8	8.8	8.4	9.6
Farming, forestry, and fishing .....	8.1	7.5	7.7	8.1	7.8	8.7	8.4	8.8	10.3	8.2	7.3	6.9	9.7
<b>INDUSTRY</b>													
Nonagricultural private wage and salary workers .....	7.0	7.0	6.9	6.9	6.7	6.6	7.0	6.8	6.8	6.6	6.2	6.2	6.4
Goods-producing industries .....	9.2	8.9	8.8	8.4	8.0	7.9	7.8	7.8	7.7	7.3	6.9	6.8	6.9
Mining .....	5.9	7.2	7.5	6.5	7.2	6.9	5.1	4.0	5.5	6.8	7.6	6.2	6.1
Construction .....	15.7	14.7	14.1	13.7	12.2	12.7	13.9	13.3	13.5	12.6	11.6	11.8	10.9
Manufacturing .....	7.3	7.3	7.2	6.9	6.7	6.5	6.1	6.1	6.1	5.8	5.5	5.3	5.8
Durable goods .....	7.0	7.2	7.3	6.9	6.5	6.3	5.3	5.5	5.7	5.5	5.2	5.0	5.7
Nondurable goods .....	7.8	7.4	7.2	6.9	7.0	6.8	7.3	7.1	6.8	6.3	5.8	5.6	5.9
Service-producing industries .....	6.2	6.2	6.2	6.3	6.2	6.2	6.7	6.5	6.4	6.3	6.0	6.0	6.2
Transportation and public utilities .....	4.9	5.4	5.3	5.5	5.2	5.1	5.5	5.2	4.7	5.6	4.6	4.7	5.3
Wholesale and retail trade .....	7.5	7.6	7.5	7.9	7.7	7.4	8.1	8.0	7.9	7.7	7.3	7.1	7.5
Finance, insurance, and real estate .....	3.9	4.2	4.0	3.7	3.7	3.7	3.7	3.6	2.9	3.4	3.5	4.1	3.7
Services .....	6.0	5.7	5.9	5.9	5.9	5.9	6.6	6.3	6.5	6.1	5.8	5.9	5.9
Government workers .....	3.4	3.3	2.8	3.1	3.0	3.1	3.8	3.2	3.9	3.5	3.3	3.9	3.4
Agricultural wage and salary workers .....	11.5	12.1	10.4	11.8	10.3	11.3	13.6	14.3	13.8	10.7	8.3	8.4	12.6

<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.

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**HOUSEHOLD DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Reasons for unemployment	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>NUMBER OF UNEMPLOYED</b>													
Job losers and persons who completed temporary jobs .....	4,872	4,864	4,699	4,779	4,444	4,442	4,442	4,185	4,037	3,790	3,531	3,664	3,904
On temporary layoff .....	1,183	1,190	1,112	1,216	963	1,060	1,196	1,109	983	947	785	911	1,053
Not on temporary layoff .....	3,689	3,674	3,587	3,563	3,481	3,382	3,246	3,075	3,054	2,843	2,746	2,753	2,851
Job leavers .....	915	882	926	957	960	932	762	888	873	825	796	782	755
Reentrants .....	2,117	2,081	2,075	2,084	2,084	2,018	2,831	2,898	3,054	3,235	2,838	2,798	2,781
New entrants .....	870	834	843	839	833	797	651	641	643	689	609	462	587
<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 .....	55.5	56.2	55.0	55.2	53.4	54.2	51.1	46.6	48.9	44.4	45.4	47.5	46.6
On temporary layoff .....	13.5	13.7	13.0	14.0	11.6	12.9	13.8	12.9	11.4	11.1	10.1	11.8	13.1
Not on temporary layoff .....	42.0	42.4	42.0	41.1	41.8	41.3	37.4	35.7	35.5	33.3	35.3	35.7	35.5
Job leavers .....	10.4	10.2	10.8	11.1	11.5	11.4	8.8	10.3	10.1	9.7	10.2	10.2	9.4
Reentrants .....	24.1	24.0	24.3	24.1	25.0	24.6	32.6	33.7	35.5	37.9	36.5	36.3	34.7
New entrants .....	9.9	9.6	9.9	9.7	10.0	9.7	7.5	7.4	7.5	8.1	7.8	6.0	7.3
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>													
Job losers and persons who completed temporary jobs .....	3.8	3.8	3.7	3.7	3.5	3.4	3.4	3.2	3.1	2.9	2.7	2.8	3.0
Job leavers .....	.7	.7	.7	.7	.7	.7	.6	.7	.7	.6	.6	.6	.6
Reentrants .....	1.7	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.3	2.5	2.2	2.1	2.1
New entrants .....	.7	.6	.7	.7	.6	.6	.5	.5	.5	.5	.5	.4	.4

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the

Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

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

(Numbers in thousands)

Duration	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
<b>NUMBER OF UNEMPLOYED</b>													
Less than 5 weeks .....	3,223	3,046	3,052	3,156	2,946	3,063	3,349	2,574	2,758	2,863	2,631	2,850	2,871
5 to 14 weeks .....	2,543	2,608	2,457	2,491	2,401	2,247	2,396	2,727	2,549	2,434	2,437	2,483	2,361
15 weeks and over .....	3,007	3,000	3,047	3,030	2,971	2,864	3,027	3,103	3,110	2,951	2,801	2,683	2,855
15 to 26 weeks .....	1,258	1,259	1,297	1,284	1,216	1,150	1,314	1,359	1,264	1,168	1,093	1,151	1,269
27 weeks and over .....	1,749	1,741	1,750	1,746	1,755	1,714	1,713	1,744	1,847	1,782	1,708	1,532	1,586
Average (mean) duration, in weeks .....	17.9	18.3	18.4	18.4	18.9	18.2	18.3	18.7	19.2	19.1	19.6	18.3	19.2
Median duration, in weeks .....	8.3	8.4	8.9	8.3	8.5	8.2	8.5	9.0	9.1	9.2	9.2	8.9	9.3
<b>PERCENT DISTRIBUTION</b>													
Total unemployed .....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks .....	36.7	35.2	35.7	36.4	35.4	37.5	38.4	30.6	32.8	34.7	33.4	35.6	35.5
5 to 14 weeks .....	29.0	30.1	28.7	28.7	28.9	27.5	26.8	32.5	30.3	29.5	31.0	31.0	29.2
15 weeks and over .....	34.3	34.7	35.6	34.9	35.7	35.0	34.7	36.9	37.0	35.8	35.6	33.5	35.3
15 to 26 weeks .....	14.3	14.5	15.2	14.8	14.6	14.1	15.1	16.2	15.0	14.2	13.9	14.4	15.7
27 weeks and over .....	19.9	20.1	20.5	20.1	21.1	21.0	19.7	20.8	21.9	21.6	21.7	19.1	19.6

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	July 1994									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		Not in labor force
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>TOTAL</b>										
16 years and over .....	196,859	132,783	67.5	124,503	63.2	3,732	120,770	8,281	6.2	64,076
16 to 19 years .....	14,267	9,325	65.4	7,698	54.0	375	7,323	1,628	17.5	4,941
16 to 17 years .....	7,255	4,138	57.0	3,300	45.5	214	3,086	838	20.3	3,117
18 to 19 years .....	7,012	5,187	74.0	4,398	62.7	161	4,237	789	18.6	1,825
20 to 24 years .....	18,312	14,807	80.9	13,370	73.0	957	13,013	1,436	9.7	3,505
25 to 54 years .....	112,592	93,379	82.9	88,807	78.9	2,189	86,618	4,572	4.9	19,212
25 to 34 years .....	41,266	34,151	82.8	32,189	78.0	823	31,346	1,983	5.8	7,115
25 to 29 years .....	19,201	15,911	82.9	14,631	77.2	371	14,460	1,079	6.8	3,290
30 to 34 years .....	22,065	18,241	82.7	17,337	78.6	452	16,886	903	5.0	3,825
35 to 44 years .....	41,565	35,124	84.5	33,540	80.7	772	32,768	1,583	4.5	8,442
35 to 39 years .....	21,880	18,415	84.2	17,577	80.3	438	17,138	838	4.8	3,465
40 to 44 years .....	19,685	16,709	84.9	15,963	81.1	333	15,630	745	4.5	2,978
45 to 54 years .....	29,780	24,104	81.0	23,099	77.8	595	22,504	1,006	4.2	5,956
45 to 49 years .....	16,713	13,954	83.5	13,367	80.0	285	13,082	587	4.2	2,760
50 to 54 years .....	13,047	10,150	77.8	9,732	74.6	310	9,422	419	4.1	2,896
55 to 64 years .....	20,827	11,494	55.7	11,028	53.5	422	10,607	465	4.0	9,134
55 to 59 years .....	10,753	7,159	66.6	6,857	63.8	220	6,637	302	4.2	3,595
60 to 64 years .....	9,874	4,335	43.9	4,172	42.2	202	3,970	164	3.8	5,539
65 years and over .....	31,062	3,778	12.2	3,599	11.8	389	3,210	179	4.7	27,284
65 to 69 years .....	9,804	2,111	21.5	1,992	20.3	181	1,811	118	5.6	7,693
70 to 74 years .....	8,496	990	11.7	953	11.2	105	848	37	3.8	7,506
75 years and over .....	12,762	678	5.3	653	5.1	103	551	24	3.6	12,085
<b>Men</b>										
16 years and over .....	94,377	72,058	76.4	67,649	71.7	2,796	64,851	4,409	6.1	22,319
16 to 19 years .....	7,254	4,920	67.6	4,014	55.3	312	3,701	906	18.4	2,334
16 to 17 years .....	3,725	2,191	58.6	1,753	47.1	188	1,565	438	20.0	1,533
18 to 19 years .....	3,529	2,729	77.3	2,281	64.1	145	2,116	468	17.1	801
20 to 24 years .....	9,038	7,916	87.6	7,148	79.1	288	6,858	770	9.7	1,122
25 to 54 years .....	55,318	50,723	91.7	48,362	87.4	1,603	46,759	2,381	4.7	4,595
25 to 34 years .....	20,341	18,770	92.3	17,715	87.1	625	17,090	1,055	5.6	1,571
25 to 29 years .....	9,437	8,675	91.9	8,109	85.9	288	7,821	566	6.5	762
30 to 34 years .....	10,904	10,095	92.6	9,906	88.1	337	9,269	489	4.8	809
35 to 44 years .....	20,458	19,020	93.0	18,249	89.2	547	17,702	771	4.1	1,439
35 to 39 years .....	10,775	10,012	92.9	9,615	89.2	307	9,307	397	4.0	763
40 to 44 years .....	9,683	9,007	93.0	8,634	89.2	240	8,394	373	4.1	678
45 to 54 years .....	14,516	12,933	89.1	12,398	85.4	430	11,968	535	4.1	1,585
45 to 49 years .....	6,178	7,438	91.0	7,135	87.3	206	6,928	303	4.1	739
50 to 54 years .....	8,342	5,496	66.7	5,263	83.0	224	5,040	232	4.2	846
55 to 64 years .....	9,814	6,337	64.6	6,076	61.9	296	5,780	261	4.1	3,477
55 to 59 years .....	5,160	3,904	75.7	3,743	72.5	147	3,596	161	4.1	1,256
60 to 64 years .....	4,654	2,433	52.3	2,333	50.1	149	2,185	99	4.1	2,221
65 years and over .....	12,953	2,162	16.7	2,052	15.8	300	1,752	110	5.1	10,791
65 to 69 years .....	4,456	1,155	25.9	1,085	24.3	135	949	70	6.1	3,303
70 to 74 years .....	3,714	588	15.8	563	15.2	80	482	25	4.3	3,126
75 years and over .....	4,762	420	8.8	405	8.5	64	321	15	3.5	4,362
<b>Women</b>										
16 years and over .....	102,482	60,725	59.3	56,854	55.5	935	55,919	3,872	6.4	41,757
16 to 19 years .....	7,013	4,406	62.8	3,684	52.5	63	3,621	721	16.4	2,607
16 to 17 years .....	3,530	1,947	55.2	1,547	43.8	46	1,501	400	20.5	1,583
18 to 19 years .....	3,483	2,459	70.6	2,137	61.4	17	2,120	322	13.1	1,024
20 to 24 years .....	9,274	6,891	74.3	6,225	67.1	70	6,155	666	9.7	2,383
25 to 54 years .....	57,273	42,656	74.5	40,446	70.6	587	39,859	2,211	5.2	14,817
25 to 34 years .....	20,925	15,381	73.5	14,454	69.1	198	14,258	927	6.0	5,543
25 to 29 years .....	9,764	7,236	74.1	6,722	68.8	83	6,639	513	7.1	2,528
30 to 34 years .....	11,161	8,148	73.0	7,732	69.3	114	7,617	414	5.1	3,015
35 to 44 years .....	21,107	16,104	76.3	15,291	72.4	224	15,067	613	5.0	5,003
35 to 39 years .....	11,105	8,403	75.7	7,962	71.7	131	7,831	441	5.2	2,702
40 to 44 years .....	10,002	7,701	77.0	7,329	73.3	94	7,236	372	4.8	2,301
45 to 54 years .....	15,242	11,171	73.3	10,700	70.2	165	10,536	471	4.2	4,071
45 to 49 years .....	8,537	6,516	76.3	6,232	73.0	79	6,154	264	4.4	2,021
50 to 54 years .....	6,705	4,655	69.4	4,468	66.6	86	4,382	167	4.0	2,050
55 to 64 years .....	10,813	5,157	47.7	4,952	45.8	126	4,826	204	4.0	5,656
55 to 59 years .....	5,593	3,254	58.2	3,114	55.7	73	3,041	140	4.3	2,339
60 to 64 years .....	5,220	1,903	36.4	1,839	35.2	53	1,785	64	3.4	3,318
65 years and over .....	16,109	1,616	8.9	1,547	8.5	89	1,457	69	4.3	16,493
65 to 69 years .....	5,346	958	17.9	908	17.0	46	862	48	5.0	4,390
70 to 74 years .....	4,762	402	8.4	390	8.2	24	366	12	3.0	4,380
75 years and over .....	7,961	258	3.2	249	3.1	19	230	9	3.6	7,723

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

(Numbers in thousands)

Age, sex, and race	July 1994									
	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>WHITE</b>										
16 years and over .....	165,576	112,514	68.0	106,447	64.3	3,473	102,973	6,067	5.4	53,062
16 to 19 years .....	11,285	7,759	68.8	8,857	59.0	358	6,298	1,102	14.2	3,526
16 to 17 years .....	5,717	3,423	59.9	2,835	49.6	205	2,630	588	17.2	2,293
18 to 19 years .....	5,569	4,336	77.9	3,822	68.8	153	3,669	514	11.9	1,233
20 to 24 years .....	14,678	12,269	83.7	11,272	78.8	326	10,946	1,017	8.3	2,389
25 to 54 years .....	93,904	78,920	84.0	75,488	80.4	2,006	73,482	3,432	4.3	14,985
25 to 34 years .....	33,854	28,513	84.2	27,059	79.9	758	26,300	1,454	5.1	5,341
25 to 29 years .....	15,665	13,241	84.5	12,472	79.8	354	12,118	769	5.8	2,424
30 to 34 years .....	18,189	15,272	84.0	14,586	80.2	404	14,182	685	4.5	2,917
35 to 44 years .....	34,608	29,558	85.4	28,396	82.0	690	27,706	1,162	3.9	5,051
35 to 39 years .....	18,140	15,437	85.1	14,836	81.8	394	14,442	602	3.9	2,702
40 to 44 years .....	18,469	14,120	85.7	13,560	82.3	296	13,264	560	4.0	2,348
45 to 54 years .....	25,442	20,849	81.9	20,033	78.7	558	19,475	818	3.9	4,593
45 to 49 years .....	14,225	12,032	84.8	11,547	81.2	266	11,281	485	4.0	2,193
50 to 54 years .....	11,217	8,817	78.8	8,486	75.7	292	8,194	331	3.8	2,400
55 to 64 years .....	17,925	10,145	56.6	9,768	54.5	408	9,358	379	3.7	7,780
55 to 59 years .....	9,303	6,312	67.8	6,065	65.2	212	5,853	247	3.9	2,991
60 to 64 years .....	8,622	3,833	44.5	3,701	42.9	196	3,505	132	3.4	4,789
65 years and over .....	27,784	3,401	12.2	3,265	11.8	375	2,890	136	4.0	24,382
65 to 69 years .....	6,607	1,896	22.0	1,808	21.0	180	1,629	88	4.6	6,711
70 to 74 years .....	7,614	908	11.9	881	11.6	98	783	28	2.9	6,708
75 years and over .....	11,563	598	5.2	578	5.0	97	479	22	3.7	10,965
<b>Men</b>										
16 years and over .....	80,070	61,782	77.1	58,538	73.1	2,584	55,954	3,224	5.2	18,308
16 to 19 years .....	5,783	4,096	71.1	3,473	60.3	298	3,175	629	15.2	1,687
16 to 17 years .....	2,942	1,822	61.9	1,509	51.3	159	1,350	313	17.2	1,120
18 to 19 years .....	2,821	2,274	80.6	1,964	69.6	139	1,825	310	13.6	547
20 to 24 years .....	7,339	6,625	90.3	6,074	82.8	269	5,805	552	8.3	714
25 to 54 years .....	48,717	43,403	89.1	41,630	89.1	1,449	40,181	1,774	4.1	3,314
25 to 34 years .....	16,909	15,858	93.8	15,078	89.2	571	14,506	782	4.9	1,051
25 to 29 years .....	7,815	7,391	93.8	6,918	88.5	272	6,646	412	5.8	485
30 to 34 years .....	9,094	8,528	93.8	8,158	89.7	298	7,860	370	4.3	586
35 to 44 years .....	17,260	16,229	94.0	15,665	90.8	479	15,186	564	3.5	1,031
35 to 39 years .....	9,060	8,525	94.1	8,248	91.0	270	7,978	277	3.2	535
40 to 44 years .....	6,200	7,704	94.0	7,417	90.5	209	7,208	287	3.7	498
45 to 54 years .....	12,548	11,316	90.2	10,889	86.8	400	10,489	428	3.8	1,232
45 to 49 years .....	7,043	6,492	92.2	6,250	88.7	189	6,060	243	3.7	551
50 to 54 years .....	5,505	4,824	87.6	4,639	84.3	210	4,429	185	3.8	681
55 to 64 years .....	6,619	5,666	85.6	5,464	83.4	283	5,181	202	3.8	2,953
55 to 59 years .....	4,513	3,483	77.2	3,360	74.4	141	3,219	123	3.5	1,030
60 to 64 years .....	4,106	2,183	53.2	2,105	51.3	142	1,962	79	3.8	1,923
65 years and over .....	11,833	1,972	17.0	1,898	16.3	285	1,612	74	3.8	9,861
65 to 69 years .....	3,925	1,052	26.8	1,007	25.8	134	873	46	4.4	2,873
70 to 74 years .....	3,332	545	16.4	531	15.9	74	457	14	2.6	2,787
75 years and over .....	4,375	374	8.6	381	8.2	78	283	14	3.6	4,001
<b>Women</b>										
16 years and over .....	85,505	50,751	59.4	47,909	56.0	889	47,020	2,843	5.6	34,754
16 to 19 years .....	5,522	3,683	66.3	3,164	57.7	60	3,124	479	13.1	1,859
16 to 17 years .....	2,775	1,801	65.0	1,326	47.8	48	1,280	275	17.2	1,173
18 to 19 years .....	2,748	2,082	75.8	1,858	67.8	14	1,844	204	9.9	686
20 to 24 years .....	7,339	5,684	77.2	5,198	70.8	56	5,140	466	8.2	1,875
25 to 54 years .....	47,167	35,516	75.3	33,858	71.8	557	33,301	1,659	4.7	11,671
25 to 34 years .....	16,945	12,654	74.7	11,982	70.7	188	11,795	672	5.3	4,290
25 to 29 years .....	7,850	5,910	75.3	5,554	70.6	62	5,472	358	6.0	1,939
30 to 34 years .....	9,095	6,744	74.1	6,428	70.7	106	6,322	318	4.7	2,351
35 to 44 years .....	17,349	13,329	76.6	12,731	73.4	211	12,520	598	4.5	4,020
35 to 39 years .....	9,060	6,913	76.1	6,586	72.8	124	6,464	325	4.7	2,187
40 to 44 years .....	8,269	6,416	77.8	6,143	74.3	67	6,057	273	4.3	1,852
45 to 54 years .....	12,894	9,533	73.9	9,145	70.9	159	8,986	389	4.1	3,361
45 to 49 years .....	7,181	5,540	77.1	5,297	73.8	76	5,221	242	4.4	1,642
50 to 54 years .....	5,713	3,983	69.9	3,847	67.3	62	3,785	148	3.7	1,719
55 to 64 years .....	9,306	4,478	48.1	4,301	46.2	125	4,178	177	3.9	4,828
55 to 59 years .....	4,790	2,829	59.1	2,705	56.5	72	2,633	124	4.4	1,961
60 to 64 years .....	4,516	1,649	36.5	1,598	35.3	53	1,543	53	3.2	2,866
65 years and over .....	16,151	1,430	8.9	1,367	8.5	89	1,278	62	4.4	14,721
65 to 69 years .....	4,681	844	18.0	602	17.1	48	756	42	5.0	3,838
70 to 74 years .....	4,282	363	8.5	351	8.2	24	326	12	3.3	3,919
75 years and over .....	7,168	223	3.1	215	3.0	19	196	8	3.7	6,965

**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	July 1994									
	Civilian noninstitutional population	Civilian labor force								
		Total	Percent of population	Employed				Unemployed		Not in labor force
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
<b>BLACK</b>										
16 years and over .....	22,883	14,811	64.7	13,072	57.1	164	12,908	1,739	11.7	8,072
16 to 19 years .....	2,233	1,204	53.9	789	34.5	15	755	434	36.1	1,029
16 to 17 years .....	1,158	554	47.8	364	31.4	7	357	190	34.4	604
18 to 19 years .....	1,075	650	60.5	406	37.8	8	398	244	37.5	425
20 to 24 years .....	2,593	1,869	72.1	1,539	59.4	27	1,512	330	17.6	724
25 to 54 years .....	13,488	10,478	77.7	9,593	71.1	107	9,486	883	8.4	3,011
25 to 34 years .....	5,358	4,127	77.0	3,710	69.2	28	3,683	417	10.1	1,231
25 to 29 years .....	2,557	1,959	76.6	1,708	66.8	1	1,707	251	12.8	587
30 to 34 years .....	2,801	2,168	77.4	2,002	71.5	28	1,976	166	7.7	633
35 to 44 years .....	5,044	4,036	80.0	3,715	73.6	51	3,663	321	8.0	1,008
35 to 39 years .....	2,718	2,181	80.3	2,001	73.6	25	1,976	181	8.3	537
40 to 44 years .....	2,327	1,855	79.7	1,714	73.7	26	1,687	141	7.6	472
45 to 54 years .....	3,085	2,313	75.0	2,169	70.3	26	2,141	144	6.2	772
45 to 49 years .....	1,773	1,372	77.4	1,293	72.9	15	1,278	79	5.8	401
50 to 54 years .....	1,312	941	71.7	875	66.7	13	862	65	7.0	371
55 to 64 years .....	2,045	971	47.5	916	44.8	9	907	54	5.6	1,075
55 to 59 years .....	1,106	615	55.7	581	52.6	5	576	34	5.6	490
60 to 64 years .....	940	355	37.8	335	35.7	5	330	20	5.7	584
65 years and over .....	2,525	292	11.6	254	10.0	6	247	38	13.1	2,233
65 to 69 years .....	934	176	18.8	151	16.2	1	150	25	14.2	758
70 to 74 years .....	673	68	10.1	57	8.5	5	52	11	( <sup>1</sup> )	605
75 years and over .....	916	48	5.2	46	5.0	-	46	2	( <sup>1</sup> )	870
<b>Men</b>										
16 years and over .....	10,260	7,266	70.8	6,353	61.9	138	6,215	913	12.6	2,994
16 to 19 years .....	1,107	640	57.8	399	36.1	11	388	241	37.6	467
16 to 17 years .....	586	291	49.7	185	31.5	7	178	107	38.8	295
18 to 19 years .....	521	349	67.0	215	41.2	4	210	134	38.5	172
20 to 24 years .....	1,184	912	77.1	750	63.4	15	735	162	17.8	271
25 to 54 years .....	8,094	5,121	63.3	4,678	57.8	96	4,582	443	8.6	974
25 to 34 years .....	2,397	2,020	84.3	1,615	75.7	28	1,767	205	10.1	377
25 to 29 years .....	1,126	926	82.5	809	71.9	1	808	119	12.9	197
30 to 34 years .....	1,271	1,091	85.9	1,006	79.1	26	979	85	7.8	180
35 to 44 years .....	2,305	1,984	86.1	1,826	79.2	44	1,782	158	8.0	321
35 to 39 years .....	1,241	1,060	85.4	977	78.7	24	953	83	7.8	181
40 to 44 years .....	1,064	925	86.9	849	79.8	20	829	78	8.2	139
45 to 54 years .....	1,383	1,117	80.2	1,037	74.5	24	1,013	80	7.1	278
45 to 49 years .....	806	654	81.2	608	75.4	13	595	46	7.1	152
50 to 54 years .....	587	463	78.8	429	73.1	44	416	34	7.3	124
55 to 64 years .....	889	463	52.1	427	46.1	9	418	36	7.8	425
55 to 59 years .....	495	303	61.3	279	56.3	5	274	25	8.1	191
60 to 64 years .....	394	160	40.6	149	37.7	5	144	12	7.3	234
65 years and over .....	986	129	13.1	97	9.9	8	91	31	24.4	857
65 to 69 years .....	421	74	17.7	55	13.1	1	54	19	( <sup>1</sup> )	346
70 to 74 years .....	261	35	12.4	24	8.5	5	19	11	( <sup>1</sup> )	246
75 years and over .....	264	20	6.9	18	6.4	-	19	1	( <sup>1</sup> )	264
<b>Women</b>										
18 years and over .....	12,623	7,546	59.8	6,719	53.2	27	6,693	828	10.9	5,077
16 to 19 years .....	1,125	583	50.1	370	32.9	3	367	193	34.3	582
16 to 17 years .....	572	283	45.9	179	31.3	-	179	84	31.9	309
18 to 19 years .....	553	301	54.3	191	34.5	3	188	110	38.5	253
20 to 24 years .....	1,409	957	67.9	769	56.0	12	777	168	17.5	453
25 to 54 years .....	7,393	5,355	72.4	4,915	66.5	11	4,904	440	8.2	2,038
25 to 34 years .....	2,961	2,108	71.2	1,895	64.0	-	1,895	212	10.1	854
25 to 29 years .....	1,431	1,031	72.0	899	62.8	-	899	132	12.8	400
30 to 34 years .....	1,530	1,077	70.4	996	65.1	-	996	81	7.5	454
35 to 44 years .....	2,739	2,052	74.9	1,888	68.9	8	1,881	163	8.0	888
35 to 39 years .....	1,477	1,121	75.9	1,023	69.3	1	1,022	98	8.7	355
40 to 44 years .....	1,263	930	73.7	865	68.5	6	858	65	7.0	332
45 to 54 years .....	1,692	1,196	70.7	1,132	66.9	4	1,128	65	5.4	496
45 to 49 years .....	967	718	74.2	685	70.9	2	683	33	4.6	249
50 to 54 years .....	725	478	65.9	446	61.5	2	445	32	6.7	247
55 to 64 years .....	1,156	507	43.9	489	42.3	-	489	18	3.6	649
55 to 59 years .....	611	312	51.1	302	49.5	-	302	10	3.1	299
60 to 64 years .....	546	195	35.8	187	34.2	-	187	8	4.3	350
65 years and over .....	1,539	163	10.6	158	10.2	-	156	7	4.2	1,378
65 to 69 years .....	513	102	19.8	96	18.8	-	96	6	5.7	412
70 to 74 years .....	391	33	8.4	33	8.4	-	33	-	( <sup>1</sup> )	358
75 years and over .....	634	29	4.5	28	4.3	-	28	1	( <sup>1</sup> )	606

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

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years.

For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.



**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	
	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994
<b>TOTAL</b>								
Civilian noninstitutional population .....	193,633	196,859	85,950	87,123	94,425	95,469	13,258	14,287
Civilian labor force .....	130,324	132,783	66,663	67,138	55,010	56,320	8,852	9,325
Percent of population .....	67.3	67.5	77.6	77.1	58.3	59.0	65.3	85.4
Employed .....	121,323	124,503	62,624	63,636	51,610	53,169	7,089	7,698
Agriculture .....	3,464	3,732	2,440	2,486	686	872	338	375
Nonagricultural industries .....	117,859	120,770	60,184	61,150	50,924	52,297	6,751	7,323
Unemployed .....	9,002	8,281	4,039	3,503	3,400	3,150	1,563	1,826
Unemployment rate .....	6.9	6.2	6.1	5.2	6.2	5.6	18.1	17.5
Not in labor force .....	63,309	64,076	19,287	19,985	39,415	39,150	4,607	4,941
<b>White</b>								
Civilian noninstitutional population .....	163,971	165,576	73,742	74,308	79,652	79,983	10,577	11,285
Civilian labor force .....	111,139	112,514	57,545	57,667	46,364	47,088	7,230	7,759
Percent of population .....	67.8	68.0	78.0	77.6	58.2	58.9	68.4	68.8
Employed .....	104,472	106,447	54,468	55,065	43,872	44,725	6,133	6,857
Agriculture .....	3,206	3,473	2,232	2,266	656	829	317	358
Nonagricultural industries .....	101,267	102,973	52,235	52,779	43,216	43,896	5,816	6,298
Unemployed .....	6,667	6,067	3,077	2,601	2,492	2,363	1,098	1,102
Unemployment rate .....	6.0	5.4	5.3	4.5	5.4	5.0	15.2	14.2
Not in labor force .....	52,832	53,082	16,197	16,641	33,288	32,895	3,347	3,526
<b>Black</b>								
Civilian noninstitutional population .....	22,346	22,883	9,043	9,153	11,208	11,498	2,095	2,233
Civilian labor force .....	14,371	14,811	6,592	6,625	6,653	6,982	1,125	1,204
Percent of population .....	64.3	64.7	72.9	72.4	59.4	60.7	53.7	53.9
Employed .....	12,448	13,072	5,635	5,953	5,880	6,349	733	769
Agriculture .....	185	164	154	127	18	23	12	15
Nonagricultural industries .....	12,263	12,908	5,481	5,827	5,861	6,326	721	755
Unemployed .....	1,923	1,739	757	672	773	633	392	434
Unemployment rate .....	13.4	11.7	11.5	10.1	11.6	9.1	34.9	36.1
Not in labor force .....	7,975	8,072	2,451	2,527	4,555	4,515	970	1,029

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	July 1994									
	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 .....	5,302	3,082	58.1	2,709	1,060	1,649	373	183	190	12.1
16 to 19 years .....	2,783	1,380	49.6	1,146	336	810	234	109	124	16.9
20 to 24 years .....	2,520	1,702	67.5	1,562	724	838	139	73	66	8.2
High school .....	1,784	728	40.8	565	131	434	163	69	94	22.4
College .....	3,519	2,353	66.9	2,144	929	1,215	209	113	96	8.9
Full-time students .....	2,369	1,425	60.2	1,286	517	768	140	75	65	9.8
Part-time students .....	1,149	928	80.8	859	412	447	70	39	31	7.5
Men, 16 to 24 years .....	2,522	1,463	58.0	1,262	578	684	201	108	83	13.7
16 to 19 years .....	1,348	662	50.6	561	203	356	121	60	60	17.7
20 to 24 years .....	1,174	781	66.6	701	375	326	80	48	33	10.3
High school .....	921	420	45.5	323	92	231	96	41	55	22.9
College .....	1,601	1,044	65.2	939	486	453	105	67	38	10.1
Full-time students .....	1,129	664	58.8	592	293	299	72	48	24	10.6
Part-time students .....	472	379	80.4	346	192	154	33	19	14	8.7
Women, 16 to 24 years .....	2,780	1,619	58.2	1,447	482	964	172	75	97	10.6
16 to 19 years .....	1,434	698	48.7	585	133	452	113	49	84	16.2
20 to 24 years .....	1,348	920	68.4	861	349	512	59	26	33	6.4
High school .....	862	309	35.8	241	39	202	87	28	39	21.8
College .....	1,918	1,310	68.3	1,205	443	762	104	47	58	8.0
Full-time students .....	1,240	781	61.3	693	224	469	68	27	41	8.9
Part-time students .....	677	529	78.1	512	219	293	37	20	17	6.7
<b>White</b>										
Total, 16 to 24 years .....	4,064	2,536	62.4	2,297	918	1,378	240	121	119	9.5
16 to 19 years .....	2,115	1,127	53.3	978	286	690	149	71	79	13.3
20 to 24 years .....	1,949	1,409	72.3	1,319	631	688	90	50	40	6.4
Men .....	1,926	1,192	61.9	1,065	518	546	128	71	58	10.7
Women .....	2,138	1,344	62.9	1,232	400	832	112	50	62	8.3
High school .....	1,305	563	43.1	450	100	350	113	47	66	20.0
College .....	2,759	1,973	71.5	1,846	818	1,029	127	74	53	6.4
Full-time students .....	1,832	1,195	65.2	1,114	448	666	81	40	41	6.8
Part-time students .....	927	778	84.0	732	370	363	48	34	12	5.9
<b>Black</b>										
Total, 16 to 24 years .....	832	390	46.9	279	95	185	111	57	54	28.4
16 to 19 years .....	501	199	39.7	126	32	94	73	38	35	38.6
20 to 24 years .....	331	191	57.7	153	63	90	38	19	19	20.0
Men .....	382	190	49.7	127	35	91	63	32	30	33.2
Women .....	450	200	44.5	152	59	93	48	24	24	23.9
High school .....	385	142	37.0	90	23	67	52	23	29	36.6
College .....	447	248	55.4	189	71	118	59	34	25	23.7
Full-time students .....	309	144	46.6	104	45	56	40	29	12	28.0
Part-time students .....	139	104	74.9	85	26	59	19	5	14	17.9
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	688	346	50.3	276	104	174	68	40	28	19.6
16 to 19 years .....	421	154	36.5	111	44	68	42	27	15	27.5
20 to 24 years .....	267	193	72.1	167	61	106	26	13	12	13.3
Men .....	313	168	53.7	131	54	77	37	23	15	22.3
Women .....	375	178	47.5	148	51	97	31	17	13	17.1
High school .....	327	99	30.1	70	31	39	29	19	9	28.9
College .....	361	248	68.7	208	73	135	39	21	18	15.9
Full-time students .....	223	137	61.5	102	38	66	35	21	14	25.5
Part-time students .....	138	111	80.3	106	38	68	4	1	4	4.0

See footnotes at end of table.

**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	July 1994									
	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 .....	27,277	21,050	77.2	18,359	12,637	5,719	2,691	2,156	535	12.8
16 to 19 years .....	11,484	7,945	69.2	8,551	3,007	3,544	1,394	950	444	17.5
20 to 24 years .....	15,792	13,105	83.0	11,808	9,630	2,175	1,297	1,206	91	9.9
Less than a high school diploma .....	9,316	5,743	61.6	4,458	2,209	2,248	1,285	930	355	22.4
High school graduates, no college .....	8,737	7,101	81.3	6,241	4,610	1,828	859	747	113	12.1
Less than a bachelor's degree .....	7,176	6,330	88.2	5,930	4,296	1,634	400	338	62	8.3
College graduates .....	2,048	1,877	91.7	1,730	1,521	210	147	142	5	7.8
Men, 16 to 24 years .....	13,770	11,372	82.6	9,897	7,448	2,446	1,475	1,212	263	13.0
16 to 19 years .....	5,906	4,238	71.8	3,452	1,848	1,604	785	553	232	18.5
20 to 24 years .....	7,864	7,134	90.7	6,445	5,600	842	690	659	31	9.7
Less than a high school diploma .....	5,032	3,439	68.3	2,682	1,550	1,132	756	588	169	22.0
High school graduates, no college .....	4,464	4,010	69.8	3,537	2,897	637	472	410	62	11.8
Less than a bachelor's degree .....	3,359	3,084	91.8	2,907	2,299	608	178	147	30	5.6
College graduates .....	914	840	91.9	770	702	69	69	67	2	8.2
Women, 16 to 24 years .....	13,507	9,678	71.7	8,462	5,189	3,274	1,216	944	272	12.8
16 to 19 years .....	5,578	3,708	68.5	3,099	1,159	1,940	609	397	212	16.4
20 to 24 years .....	7,928	5,971	75.3	5,363	4,030	1,333	607	547	60	10.2
Less than a high school diploma .....	4,284	2,304	53.8	1,776	659	1,117	528	342	186	22.9
High school graduates, no college .....	4,272	3,091	72.3	2,704	1,714	990	387	337	50	12.5
Less than a bachelor's degree .....	3,816	3,246	85.0	3,023	1,997	1,026	223	191	32	6.9
College graduates .....	1,134	1,038	91.5	960	819	141	78	75	3	7.5
<b>White</b>										
Total, 16 to 24 years .....	21,899	17,512	80.0	15,632	10,784	4,848	1,880	1,475	405	10.7
16 to 19 years .....	9,170	6,632	72.3	5,679	2,624	3,054	953	617	338	14.4
20 to 24 years .....	12,729	10,880	85.5	9,953	8,160	1,793	927	856	69	8.5
Men .....	11,176	9,529	85.3	8,482	6,428	2,055	1,047	842	205	11.0
Women .....	10,723	7,983	74.4	7,150	4,358	2,792	633	633	200	10.4
Less than a high school diploma .....	7,258	4,733	65.2	3,854	1,903	1,951	880	615	265	18.6
High school graduates, no college .....	6,964	5,827	83.7	5,232	3,908	1,324	595	504	91	10.2
Less than a bachelor's degree .....	5,884	5,294	90.0	5,012	3,825	1,387	282	237	45	5.3
College graduates .....	1,792	1,657	92.5	1,534	1,348	186	123	119	4	7.4
<b>Black</b>										
Total, 16 to 24 years .....	3,994	2,683	67.2	2,029	1,370	656	653	577	76	24.3
16 to 19 years .....	1,732	1,005	58.0	643	284	359	362	297	65	36.0
20 to 24 years .....	2,261	1,678	74.2	1,386	1,086	297	292	261	11	17.4
Men .....	1,909	1,363	71.4	1,023	726	293	340	311	29	24.9
Women .....	2,084	1,320	63.3	1,006	643	363	313	266	47	23.7
Less than a high school diploma .....	1,550	770	49.7	447	213	234	324	271	52	42.0
High school graduates, no college .....	1,388	1,008	72.6	776	537	236	232	217	15	23.0
Less than a bachelor's degree .....	912	770	84.4	880	507	173	90	82	9	11.7
College graduates .....	144	135	93.8	127	113	14	8	8	-	5.6
<b>Hispanic origin</b>										
Total, 16 to 24 years .....	3,638	2,526	69.4	2,080	1,508	572	446	360	86	17.6
16 to 19 years .....	1,408	834	59.3	622	311	311	212	147	65	25.4
20 to 24 years .....	2,230	1,892	75.8	1,458	1,197	261	234	212	22	13.8
Men .....	1,954	1,594	81.6	1,314	1,042	272	280	223	57	17.6
Women .....	1,884	932	55.3	767	466	300	165	138	29	17.8
Less than a high school diploma .....	1,899	1,154	60.8	888	625	263	266	206	80	23.0
High school graduates, no college .....	1,042	806	77.3	688	523	165	118	99	19	14.7
Less than a bachelor's degree .....	632	518	82.0	457	320	138	61	54	7	11.8
College graduates .....	64	48	( <sup>1</sup> )	47	40	6	1	1	( <sup>1</sup> )	( <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. Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	July 1994									
	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 .....	102,522	65,406	8,607	8,509	21,977	3,705	15,947	2,325	6,952	1,329
16 to 19 years .....	3,343	2,782	438	143	4,355	736	3,349	270	1,059	568
16 to 17 years .....	919	728	143	48	2,380	306	1,901	171	442	396
18 to 19 years .....	2,424	2,034	295	95	1,974	428	1,448	98	618	172
20 years and over .....	99,179	62,644	8,169	8,366	17,622	2,969	12,596	2,055	5,892	761
20 to 24 years .....	10,354	9,022	885	448	3,013	759	2,103	152	1,280	157
25 years and over .....	88,826	73,623	7,284	7,918	14,609	2,211	10,495	1,903	4,813	604
25 to 54 years .....	78,224	65,169	8,307	6,748	10,583	1,956	7,271	1,356	4,140	432
55 years and over .....	10,601	8,454	977	1,170	4,026	255	3,224	547	473	172
<b>Men, 16 years and over .....</b>	<b>60,683</b>	<b>52,249</b>	<b>4,546</b>	<b>3,888</b>	<b>6,963</b>	<b>1,667</b>	<b>4,844</b>	<b>452</b>	<b>3,869</b>	<b>540</b>
16 to 19 years .....	2,051	1,680	286	84	1,962	371	1,489	103	613	293
16 to 17 years .....	58,631	50,569	4,256	3,804	5,001	1,296	3,356	349	3,255	247
18 to 19 years .....	5,974	5,267	481	226	1,166	338	784	46	706	64
20 to 24 years .....	52,657	45,302	3,777	3,578	3,833	959	2,572	303	2,549	183
25 years and over .....	46,178	39,970	3,201	3,007	2,184	843	1,210	131	2,263	98
25 to 54 years .....	6,479	5,332	576	571	1,649	116	1,362	172	265	86
55 years and over .....										
<b>Women, 16 years and over .....</b>	<b>41,840</b>	<b>33,157</b>	<b>4,061</b>	<b>4,621</b>	<b>15,014</b>	<b>2,038</b>	<b>11,103</b>	<b>1,873</b>	<b>3,083</b>	<b>789</b>
16 to 19 years .....	1,292	1,082	151	59	2,393	365	1,861	167	446	275
16 to 17 years .....	40,548	32,075	3,911	4,562	12,621	1,673	9,243	1,706	2,637	513
18 to 19 years .....	4,379	3,755	403	221	1,845	421	1,319	105	573	93
20 to 24 years .....	38,169	28,320	3,508	4,341	10,776	1,252	7,823	1,601	2,064	420
25 years and over .....	32,046	25,199	3,106	3,741	8,399	1,113	6,061	1,225	1,877	334
25 to 54 years .....	4,122	3,122	401	599	2,377	139	1,863	375	187	86
55 years and over .....										
<b>White</b>										
<b>Men, 16 years and over .....</b>	<b>52,852</b>	<b>45,337</b>	<b>3,919</b>	<b>3,396</b>	<b>5,888</b>	<b>1,311</b>	<b>4,197</b>	<b>378</b>	<b>2,841</b>	<b>383</b>
16 to 19 years .....	1,812	1,493	244	74	1,861	299	1,278	85	405	218
16 to 17 years .....	50,040	43,644	3,874	3,322	4,225	1,012	2,920	294	2,437	184
18 to 19 years .....	5,133	4,539	399	195	941	270	637	34	508	43
20 to 24 years .....	45,707	39,305	3,275	3,127	3,284	742	2,263	260	1,829	121
25 years and over .....	39,669	34,504	2,746	2,818	1,761	644	1,021	97	1,709	64
25 to 54 years .....	5,839	4,601	529	509	1,523	98	1,262	163	219	57
55 years and over .....										
<b>Women, 16 years and over .....</b>	<b>34,616</b>	<b>27,290</b>	<b>3,421</b>	<b>3,907</b>	<b>13,291</b>	<b>1,814</b>	<b>9,963</b>	<b>1,714</b>	<b>2,222</b>	<b>621</b>
16 to 19 years .....	1,100	924	124	52	2,084	304	1,632	148	283	196
16 to 17 years .....	33,517	26,366	3,297	3,854	11,207	1,310	8,331	1,566	1,939	424
18 to 19 years .....	3,658	3,172	320	166	1,540	328	1,121	92	400	66
20 to 24 years .....	29,860	23,194	2,977	3,688	9,667	982	7,210	1,474	1,539	359
25 years and over .....	26,312	20,541	2,610	3,162	7,546	878	5,547	1,121	1,376	263
25 to 54 years .....	3,548	2,653	368	527	2,121	104	1,664	354	163	78
55 years and over .....										
<b>Black</b>										
<b>Men, 16 years and over .....</b>	<b>5,598</b>	<b>4,775</b>	<b>467</b>	<b>356</b>	<b>751</b>	<b>251</b>	<b>452</b>	<b>47</b>	<b>800</b>	<b>113</b>
16 to 19 years .....	170	125	40	5	229	50	166	11	193	47
16 to 17 years .....	5,428	4,650	427	351	522	201	285	36	607	65
18 to 19 years .....	591	514	55	23	156	60	88	9	150	12
20 to 24 years .....	4,838	4,136	372	326	366	141	198	27	457	54
25 years and over .....	4,390	3,775	331	284	286	134	134	20	413	30
25 to 54 years .....	448	362	41	44	79	7	85	7	44	24
55 years and over .....										
<b>Women, 16 years and over .....</b>	<b>5,465</b>	<b>4,417</b>	<b>494</b>	<b>554</b>	<b>1,255</b>	<b>335</b>	<b>805</b>	<b>115</b>	<b>707</b>	<b>119</b>
16 to 19 years .....	145	118	21	8	225	45	169	11	141	52
16 to 17 years .....	5,319	4,299	472	548	1,030	290	636	105	566	67
18 to 19 years .....	557	450	83	44	232	81	139	11	149	18
20 to 24 years .....	4,762	3,849	409	504	796	208	496	84	418	49
25 years and over .....	4,338	3,512	383	443	577	177	321	79	402	38
25 to 54 years .....	425	337	26	81	221	31	175	15	14	11
55 years and over .....										

<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.

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

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	
	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994
Total .....	121,323	124,503	66,313	67,849	62,624	63,636	55,010	56,854	51,610	53,169
Managerial and professional specialty .....	31,962	33,476	16,793	17,439	16,662	17,302	15,169	16,037	14,981	15,855
Executive, administrative, and managerial .....	15,433	16,501	8,984	9,500	8,954	9,451	6,450	7,000	6,402	6,953
Officials and administrators, public administration .....	663	651	383	371	383	370	281	280	279	278
Other executive, administrative, and managerial .....	10,657	11,524	6,614	7,081	6,586	7,036	4,043	4,443	3,999	4,401
Management-related occupations .....	4,113	4,322	1,987	2,047	1,985	2,045	2,126	2,275	2,123	2,272
Professional specialty .....	16,529	16,975	7,809	7,938	7,708	7,851	8,719	9,037	8,580	8,902
Engineers .....	1,728	1,883	1,567	1,716	1,563	1,714	161	167	161	167
Mathematical and computer scientists .....	1,075	1,182	747	763	740	761	328	419	328	418
Natural scientists .....	552	583	373	396	371	396	179	186	177	184
Health diagnosing occupations .....	895	947	726	746	726	743	168	201	169	201
Health assessment and treating occupations .....	2,693	2,683	359	318	357	317	2,334	2,365	2,333	2,363
Teachers, college and university .....	633	706	397	401	391	401	236	305	234	304
Teachers, except college and university .....	3,759	3,738	938	895	916	874	2,821	2,843	2,766	2,795
Lawyers and judges .....	830	852	605	606	605	606	225	246	225	246
Other professional specialty occupations .....	4,363	4,402	2,097	2,097	2,038	2,038	2,266	2,305	2,187	2,223
Technical, sales, and administrative support .....	37,446	37,491	13,688	13,406	13,022	12,711	23,758	24,085	22,207	22,327
Technicians and related support .....	4,161	3,927	2,061	1,901	2,030	1,869	2,099	2,028	2,057	1,997
Health technologists and technicians .....	1,509	1,631	262	294	259	293	1,248	1,337	1,228	1,319
Engineering and science technicians .....	1,129	1,216	888	962	878	936	241	254	227	251
Technicians, except health, engineering, and science .....	1,522	1,081	912	645	893	641	610	436	602	427
Sales occupations .....	14,725	14,921	7,707	7,527	7,273	7,084	7,018	7,394	6,056	6,255
Supervisors and proprietors .....	4,051	4,469	2,585	2,805	2,572	2,795	1,456	1,664	1,427	1,847
Sales representatives, finance and business services .....	2,388	2,362	1,435	1,418	1,428	1,402	954	945	942	934
Sales representatives, commodities, except retail .....	1,552	1,508	1,246	1,120	1,236	1,111	306	388	296	379
Sales workers, retail and personal services .....	6,630	6,497	2,395	2,166	2,001	1,762	4,234	4,330	3,330	3,231
Sales-related occupations .....	104	85	36	18	36	16	68	67	61	64
Administrative support, including clerical .....	18,561	18,643	3,920	3,978	3,719	3,758	14,641	14,665	14,094	14,074
Supervisors .....	738	737	287	277	287	274	451	460	449	458
Computer equipment operators .....	612	540	238	228	229	211	375	312	365	297
Secretaries, stenographers, and typists .....	4,248	4,319	85	106	55	97	4,183	4,213	4,043	4,096
Financial records processing .....	2,330	2,357	252	235	244	223	2,078	2,122	2,050	2,097
Mail and message distributing .....	952	934	566	572	544	542	387	362	378	352
Other administrative support, including clerical .....	9,680	9,756	2,513	2,580	2,360	2,410	7,168	7,196	6,809	6,775
Service occupations .....	16,986	17,440	6,857	7,052	5,759	5,884	10,129	10,388	8,791	8,950
Private household .....	1,000	878	40	38	31	25	960	841	764	683
Protective service .....	2,203	2,314	1,782	1,882	1,724	1,787	420	432	343	342
Service, except private household and protective .....	13,784	14,248	5,034	5,132	4,004	4,073	8,749	9,116	7,684	7,925
Food service .....	6,015	6,061	2,516	2,550	1,785	1,795	3,499	3,511	2,788	2,703
Health service .....	2,103	2,176	273	267	256	245	1,831	1,910	1,743	1,823
Cleaning and building service .....	2,953	3,178	1,704	1,728	1,550	1,551	1,249	1,449	1,180	1,370
Personal service .....	2,712	2,833	541	588	414	482	2,171	2,245	1,973	2,029
Precision production, craft, and repair .....	13,686	13,730	12,470	12,502	12,163	12,170	1,216	1,228	1,170	1,193
Mechanics and repairers .....	4,484	4,537	4,306	4,327	4,205	4,213	178	210	173	206
Construction trades .....	5,352	5,273	5,231	5,164	5,065	5,011	122	109	115	96
Other precision production, craft, and repair .....	3,849	3,920	2,933	3,011	2,894	2,946	917	909	882	891
Operators, fabricators, and laborers .....	17,276	18,182	13,190	13,900	12,148	12,660	4,086	4,282	3,881	4,084
Machine operators, assemblers, and inspectors .....	7,376	7,734	4,605	4,797	4,440	4,612	2,771	2,937	2,685	2,856
Transportation and material moving occupations .....	4,995	5,169	4,549	4,767	4,430	4,653	446	402	435	396
Motor vehicle operators .....	3,752	3,838	3,375	3,476	3,260	3,384	377	362	366	356
Other transportation and material moving occupations .....	1,243	1,331	1,174	1,291	1,151	1,269	69	40	69	40
Handlers, equipment cleaners, helpers, and laborers .....	4,904	5,279	4,036	4,336	3,278	3,395	869	943	760	831
Construction laborers .....	759	849	730	817	652	683	29	32	26	31
Other handlers, equipment cleaners, helpers, and laborers .....	4,145	4,430	3,306	3,519	2,626	2,732	840	912	734	801
Farming, forestry, and fishing .....	3,967	4,184	3,315	3,351	2,870	2,908	652	833	580	761
Farm operators and managers .....	1,228	1,498	1,031	1,095	1,021	1,063	197	402	195	384
Other farming, forestry, and fishing occupations .....	2,740	2,687	2,285	2,256	1,849	1,844	455	430	384	377

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Occupation and race	Total		Men		Women	
	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994
<b>TOTAL</b>						
Total, 16 years and over (thousands) .....	121,323	124,503	66,313	67,649	55,010	56,854
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	26.3	26.9	25.3	25.8	27.6	28.2
Executive, administrative, and managerial .....	12.7	13.3	13.5	14.0	11.7	12.3
Professional specialty .....	13.6	13.6	11.8	11.7	15.9	15.9
Technical, sales, and administrative support .....	30.9	30.1	20.6	19.8	43.2	42.4
Technicians and related support .....	3.4	3.2	3.1	2.8	3.8	3.6
Sales occupations .....	12.1	12.0	11.6	11.1	12.8	13.0
Administrative support, including clerical .....	15.3	15.0	5.9	5.9	26.6	25.8
Service occupations .....	14.0	14.0	10.3	10.4	18.4	18.3
Private household .....	.8	.7	.1	.1	1.7	1.5
Protective service .....	1.8	1.9	2.7	2.8	.8	.8
Service, except private household and protective .....	11.4	11.4	7.6	7.6	15.9	16.0
Precision production, craft, and repair .....	11.3	11.0	18.8	18.5	2.2	2.2
Operators, fabricators, and laborers .....	14.2	14.6	19.9	20.5	7.4	7.5
Machine operators, assemblers, and inspectors .....	6.1	6.2	6.9	7.1	5.0	5.2
Transportation and material moving occupations .....	4.1	4.2	6.9	7.0	.8	.7
Handlers, equipment cleaners, helpers, and laborers .....	4.0	4.2	6.1	6.4	1.6	1.7
Farming, forestry, and fishing .....	3.3	3.4	5.0	5.0	1.2	1.5
<b>White</b>						
Total, 16 years and over (thousands) .....	104,472	106,447	57,653	58,538	46,819	47,909
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	27.3	27.9	26.3	26.8	28.5	29.1
Executive, administrative, and managerial .....	13.3	13.8	14.2	14.7	12.2	12.7
Professional specialty .....	14.0	14.1	12.1	12.2	16.2	16.4
Technical, sales, and administrative support .....	31.2	30.5	20.8	20.0	44.1	43.3
Technicians and related support .....	3.4	3.1	3.1	2.8	3.6	3.5
Sales occupations .....	12.7	12.6	12.2	11.7	13.2	13.6
Administrative support, including clerical .....	15.2	14.8	5.5	5.5	27.1	26.1
Service occupations .....	12.8	12.8	9.2	9.2	17.2	17.1
Private household .....	.8	.7	-	.1	1.6	1.4
Protective service .....	1.7	1.8	2.5	2.6	.7	.7
Service, except private household and protective .....	10.3	10.3	6.7	6.6	14.9	14.9
Precision production, craft, and repair .....	11.8	11.4	19.6	19.1	2.1	2.1
Operators, fabricators, and laborers .....	13.4	13.9	18.8	19.6	6.8	6.9
Machine operators, assemblers, and inspectors .....	5.6	5.8	6.6	6.6	4.5	4.6
Transportation and material moving occupations .....	4.0	4.1	6.6	6.8	.8	.7
Handlers, equipment cleaners, helpers, and laborers .....	3.8	4.0	5.6	6.0	1.6	1.6
Farming, forestry, and fishing .....	3.5	3.6	5.2	5.2	1.3	1.6
<b>Black</b>						
Total, 16 years and over (thousands) .....	12,448	13,072	6,228	6,353	6,220	6,719
Percent .....	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty .....	17.8	18.6	14.6	15.3	21.0	21.8
Executive, administrative, and managerial .....	8.1	9.0	7.9	6.9	8.3	9.2
Professional specialty .....	9.6	9.6	6.6	6.4	12.6	12.6
Technical, sales, and administrative support .....	28.0	28.0	18.5	17.6	37.4	37.9
Technicians and related support .....	3.3	2.8	2.5	2.1	4.0	3.5
Sales occupations .....	8.0	8.1	6.5	6.9	9.5	9.1
Administrative support, including clerical .....	16.7	17.2	9.5	8.7	24.0	25.2
Service occupations .....	23.3	23.2	19.1	19.9	27.5	26.3
Private household .....	1.3	1.0	.2	( <sup>1</sup> )	2.5	2.0
Protective service .....	2.9	2.8	4.7	4.7	1.2	.9
Service, except private household and protective .....	19.0	19.4	14.2	15.2	23.8	23.4
Precision production, craft, and repair .....	7.7	8.2	12.8	14.5	2.6	2.4
Operators, fabricators, and laborers .....	21.1	20.0	31.2	29.4	11.1	11.1
Machine operators, assemblers, and inspectors .....	9.3	8.5	10.3	9.6	8.3	7.6
Transportation and material moving occupations .....	5.3	5.4	9.6	9.9	1.0	1.2
Handlers, equipment cleaners, helpers, and laborers .....	6.6	6.1	11.3	9.9	1.8	2.4
Farming, forestry, and fishing .....	2.1	1.9	3.8	3.3	.4	.5

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

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the

Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

A-19. Employed persons by industry and occupation

(In thousands)

Industry	July 1994												
	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 .....	3,732	92	78	37	22	160	-	14	45	3	29	27	3,224
Mining .....	676	119	82	24	9	67	-	4	209	16	120	24	3
Construction .....	8,067	1,143	129	78	60	476	-	44	4,473	98	592	934	39
Manufacturing .....	20,186	2,571	1,823	625	756	2,079	-	317	3,743	6,282	756	1,143	91
Durable goods .....	11,788	1,534	1,185	411	336	1,120	-	150	2,595	3,391	419	572	75
Nondurable goods .....	8,398	1,037	638	215	420	959	-	167	1,148	2,891	337	571	16
Transportation and public utilities .....	8,835	1,081	496	337	280	2,333	-	242	1,356	119	2,029	550	12
Wholesale and retail trade .....	26,081	2,242	510	173	10,678	2,384	-	5,162	1,398	347	1,037	2,025	124
Wholesale trade .....	4,815	531	104	38	1,856	792	-	40	301	140	510	429	75
Retail trade .....	21,265	1,711	407	135	8,822	1,592	-	5,123	1,097	208	526	1,596	49
Finance, insurance, and real estate .....	8,276	2,222	263	164	2,057	2,977	-	295	165	13	13	17	91
Services .....	42,804	5,678	12,692	2,277	1,024	6,754	878	8,949	2,125	819	520	524	565
Private households .....	1,068	1	7	2	3	6	878	74	13	-	6	13	65
Other service industries .....	41,736	5,677	12,686	2,275	1,021	6,748	-	8,874	2,112	819	514	510	499
Professional services .....	28,111	3,557	11,177	2,000	172	4,907	-	5,104	459	208	265	103	158
Public administration .....	5,845	1,352	901	212	36	1,412	-	1,535	216	37	73	35	36

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

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the

Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	July 1994									
	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 .....	1,899	1,770	64	111,575	93,811	1,059	92,753	17,763	9,051	145
16 to 19 years .....	249	99	27	7,140	6,594	201	6,392	546	159	23
16 to 17 years .....	135	65	14	2,995	2,749	125	2,623	247	82	8
18 to 19 years .....	114	35	13	4,145	3,845	76	3,769	300	77	15
20 to 24 years .....	305	44	9	12,680	11,553	99	11,454	1,127	309	23
25 to 34 years .....	548	271	4	29,585	25,836	161	25,675	3,749	1,737	24
35 to 44 years .....	399	362	10	30,019	24,479	223	24,257	5,540	2,728	21
45 to 54 years .....	229	365	-	20,320	15,732	165	15,567	4,589	2,160	24
55 to 64 years .....	99	316	7	9,288	7,445	120	7,325	1,844	1,294	25
65 years and over .....	69	314	7	2,541	2,173	90	2,083	368	664	4
Men, 16 years and over .....	1,467	1,288	42	59,256	50,938	133	50,805	8,318	5,542	53
16 to 19 years .....	210	78	24	3,628	3,352	39	3,313	276	62	-
16 to 17 years .....	109	47	11	1,554	1,426	28	1,397	128	29	3
18 to 19 years .....	101	31	12	2,074	1,926	11	1,915	148	33	-
20 to 24 years .....	240	39	9	6,639	6,089	13	6,076	550	203	16
25 to 34 years .....	438	186	1	16,054	14,258	33	14,226	1,795	1,032	4
35 to 44 years .....	278	269	-	16,024	13,527	17	13,510	2,497	1,673	5
45 to 54 years .....	172	258	-	10,629	8,490	15	8,475	2,139	1,339	-
55 to 64 years .....	78	213	4	4,959	4,106	10	4,096	853	808	14
65 years and over .....	51	245	4	1,324	1,116	6	1,110	208	426	2
Women, 16 years and over .....	431	482	21	52,319	42,873	926	41,948	9,446	3,509	91
16 to 19 years .....	39	21	3	3,512	3,242	162	3,080	270	97	12
16 to 17 years .....	26	18	-	1,441	1,323	97	1,226	118	54	6
18 to 19 years .....	13	4	-	2,071	1,919	65	1,854	152	44	6
20 to 24 years .....	64	5	-	6,042	5,464	86	5,378	577	107	7
25 to 34 years .....	110	85	3	13,531	11,577	128	11,450	1,954	705	20
35 to 44 years .....	121	93	10	13,996	10,952	205	10,746	3,044	1,055	16
45 to 54 years .....	57	107	-	9,691	7,242	150	7,092	2,449	821	24
55 to 64 years .....	21	102	2	4,329	3,339	110	3,229	991	486	11
65 years and over .....	18	69	2	1,218	1,057	84	973	160	238	2

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the

Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.



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

Hours of work	July 1994					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over .....	113,669	3,520	110,149	100.0	100.0	100.0
1 to 34 hours .....	27,282	1,077	26,202	24.0	30.6	23.8
1 to 4 hours .....	1,325	82	1,244	1.2	2.3	1.1
5 to 14 hours .....	3,976	219	3,757	3.5	6.2	3.4
15 to 29 hours .....	13,691	562	13,129	12.0	16.0	11.9
30 to 34 hours .....	8,290	215	8,075	7.3	6.1	7.3
35 hours and over .....	86,387	2,443	83,944	76.0	69.4	76.2
35 to 39 hours .....	8,504	214	8,290	7.5	6.1	7.5
40 hours .....	41,631	727	40,903	36.6	20.7	37.1
41 hours and over .....	36,252	1,502	34,750	31.9	42.7	31.5
41 to 48 hours .....	13,646	270	13,376	12.0	7.7	12.1
49 to 59 hours .....	12,856	387	12,469	11.3	11.0	11.3
60 hours and over .....	9,751	845	8,905	8.6	24.0	8.1
Average hours, total at work .....	39.7	43.0	39.6	-	-	-
Average hours, persons who usually work full time .....	43.5	50.5	43.3	-	-	-

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of

*Employment and Earnings*. 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 redesigned 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	July 1994					
	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 .....	27,282	8,607	18,672	26,202	8,304	17,898
Economic reasons .....	4,841	1,411	3,430	4,617	1,319	3,298
Slack work or business conditions .....	2,408	1,087	1,322	2,299	1,027	1,272
Could only find part-time work .....	2,014	-	2,014	1,962	-	1,962
Seasonal work .....	187	92	94	133	69	64
Job started or ended during week .....	232	232	-	222	222	-
Noneconomic reasons .....	22,438	7,196	15,242	21,585	6,985	14,600
Child-care problems .....	791	55	738	772	56	717
Other family or personal obligations .....	4,845	553	4,292	4,647	526	4,121
Health or medical limitations .....	603	-	603	564	-	564
In school or training .....	4,120	39	4,082	3,992	38	3,955
Retired or Social Security limit on earnings .....	1,689	-	1,689	1,523	-	1,523
Vacation or personal day .....	4,027	4,027	-	3,948	3,948	-
Holiday, legal or religious .....	70	-	-	67	67	-
Weather-related curtailment .....	329	329	-	283	283	-
All other reasons .....	5,965	2,125	3,841	5,808	2,087	3,721
Average hours:						
Economic reasons .....	22.6	24.8	21.7	22.6	24.8	21.7
Other reasons .....	21.4	24.0	20.2	21.6	24.0	20.4

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the

Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	July 1994							
	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 .....	110,149	26,202	4,617	6,985	14,600	83,944	39.6	43.3
Wage and salary workers .....	101,686	23,471	4,170	6,495	12,803	78,215	39.5	42.9
Mining .....	610	41	4	27	11	569	47.1	47.7
Construction .....	6,220	1,014	338	406	270	5,207	41.4	42.9
Manufacturing .....	18,193	2,143	396	1,184	563	16,050	42.6	43.5
Durable goods .....	10,526	1,143	202	706	235	9,383	43.0	43.6
Nondurable goods .....	7,668	1,000	194	479	328	6,667	42.1	43.3
Transportation and public utilities .....	7,852	1,086	147	488	451	6,766	42.7	44.4
Wholesale and retail trade .....	22,888	7,434	1,508	1,013	4,913	15,453	37.6	43.6
Finance, insurance, and real estate .....	7,210	1,327	113	498	717	5,883	39.7	42.1
Service industries .....	33,221	9,641	1,610	2,368	5,659	23,580	37.6	42.2
Private households .....	986	585	140	39	406	401	28.7	43.2
All other industries .....	32,235	9,056	1,470	2,328	5,254	23,179	37.9	42.1
Public administration .....	5,491	785	54	512	219	4,706	40.8	41.8
Self-employed workers .....	8,318	2,653	440	484	1,729	5,665	40.3	47.6
Unpaid family workers .....	145	81	7	6	68	64	33.9	45.6

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

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	July 1994							
	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 .....	110,149	26,202	4,617	6,985	14,600	83,944	39.6	43.3
16 to 19 years .....	6,921	4,134	747	300	3,086	2,787	29.8	40.2
16 to 17 years .....	2,874	2,130	314	74	1,742	744	25.5	39.3
18 to 19 years .....	4,047	2,004	433	227	1,344	2,042	32.8	40.5
20 years and over .....	103,228	22,071	3,869	6,685	11,514	81,157	40.2	43.4
20 to 24 years .....	12,432	3,510	860	672	1,976	8,922	37.3	41.7
25 years and over .....	90,796	18,561	3,010	6,013	9,538	72,235	40.6	43.6
25 to 54 years .....	78,610	14,531	2,618	5,249	6,663	64,079	41.2	43.7
55 years and over .....	12,186	4,030	392	764	2,875	8,158	36.6	42.9
<b>Men, 16 years and over .....</b>	<b>60,633</b>	<b>10,051</b>	<b>2,224</b>	<b>3,526</b>	<b>4,298</b>	<b>50,582</b>	<b>42.5</b>	<b>44.8</b>
16 to 19 years .....	3,523	1,893	368	191	1,334	1,631	31.5	40.5
16 to 17 years .....	1,479	1,055	181	58	816	425	28.8	39.6
18 to 19 years .....	2,044	838	187	133	518	1,206	34.9	40.8
20 years and over .....	57,110	8,158	1,856	3,335	2,964	48,951	43.2	44.9
20 to 24 years .....	6,597	1,465	431	321	710	5,132	39.2	42.4
25 years and over .....	50,512	6,694	1,426	3,014	2,253	43,819	43.7	45.2
25 to 54 years .....	43,680	4,900	1,228	2,590	1,082	38,780	44.4	45.3
55 years and over .....	6,832	1,793	198	424	1,172	5,039	39.5	44.3
<b>Women, 16 years and over .....</b>	<b>49,516</b>	<b>16,154</b>	<b>2,393</b>	<b>3,459</b>	<b>10,302</b>	<b>33,362</b>	<b>36.0</b>	<b>41.0</b>
16 to 19 years .....	3,397	2,241	380	109	1,752	1,156	28.0	39.7
16 to 17 years .....	1,394	1,075	134	18	925	320	24.0	36.8
18 to 19 years .....	2,003	1,166	246	93	827	836	30.8	40.0
20 years and over .....	46,119	13,913	2,013	3,350	8,550	32,206	36.6	41.1
20 to 24 years .....	5,835	2,045	429	351	1,265	3,790	35.2	40.7
25 years and over .....	40,284	11,867	1,584	2,999	7,285	28,416	36.8	41.1
25 to 54 years .....	34,929	9,630	1,390	2,659	5,581	25,299	37.3	41.2
55 years and over .....	5,355	2,237	194	340	1,703	3,118	32.9	40.7
<b>Race</b>								
<b>White, 16 years and over .....</b>	<b>93,767</b>	<b>22,528</b>	<b>3,658</b>	<b>5,978</b>	<b>12,893</b>	<b>71,238</b>	<b>39.7</b>	<b>43.5</b>
Men .....	52,284	8,518	1,758	3,058	3,702	43,766	42.8	45.1
Women .....	41,482	14,010	1,900	2,920	9,190	27,472	35.8	41.1
<b>Black, 16 years and over .....</b>	<b>11,855</b>	<b>2,708</b>	<b>734</b>	<b>765</b>	<b>1,206</b>	<b>9,146</b>	<b>38.2</b>	<b>41.3</b>
Men .....	5,826	1,110	341	348	418	4,716	39.8	42.3
Women .....	6,029	1,598	393	417	788	4,430	36.7	40.3
<b>Marital status</b>								
<b>Men, 16 years and over:</b>								
Married, spouse present .....	36,730	4,532	817	2,188	1,527	32,198	44.1	45.5
Widowed, divorced, or separated .....	6,833	1,098	283	468	346	5,735	43.2	45.0
Single (never married) .....	17,070	4,421	1,124	870	2,424	12,649	36.7	42.9
<b>Women, 16 years and over:</b>								
Married, spouse present .....	25,828	8,415	861	1,858	5,696	17,412	35.6	40.7
Widowed, divorced, or separated .....	10,025	2,664	497	805	1,361	7,361	36.0	41.7
Single (never married) .....	13,664	5,075	1,035	796	3,244	8,588	35.1	41.2

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	July 1994							Total at work	Persons who usually work full time
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more	Total at work		
		Total	For economic reasons	For noneconomic reasons					
				Usually work full time	Usually work part time				
<b>Total, 16 years and over<sup>1</sup></b> .....	<b>109,734</b>	<b>26,080</b>	<b>4,550</b>	<b>6,938</b>	<b>14,588</b>	<b>83,654</b>	<b>39.6</b>	<b>43.3</b>	
Managerial and professional specialty .....	29,084	5,396	534	2,200	2,662	23,688	42.1	44.7	
Executive, administrative, and managerial .....	15,511	2,038	158	1,072	808	13,473	44.2	45.8	
Professional specialty .....	13,573	3,358	376	1,129	1,853	10,215	39.7	43.3	
Technical, sales, and administrative support .....	34,922	9,322	1,264	2,084	5,974	25,601	38.0	42.4	
Technicians and related support .....	3,892	691	78	214	399	3,001	40.3	42.9	
Sales occupations .....	14,078	4,106	691	639	2,777	9,972	39.2	45.0	
Administrative support, including clerical .....	17,153	4,524	495	1,231	2,798	12,629	36.5	40.3	
Service occupations .....	16,105	6,496	1,436	892	4,164	9,609	34.7	41.6	
Private household .....	820	494	122	34	338	327	26.2	42.2	
Protective service .....	2,142	364	60	140	163	1,778	42.0	44.0	
Service, except private household and protective .....	13,143	5,639	1,254	718	3,663	7,504	33.9	41.0	
Precision production, craft, and repair .....	12,829	1,764	472	829	483	11,045	42.2	43.6	
Operators, fabricators, and laborers .....	16,794	3,082	843	933	1,306	13,712	41.1	43.5	
Machine operators, assemblers, and inspectors .....	7,013	1,024	293	450	281	5,988	41.3	42.4	
Transportation and material moving occupations .....	4,773	726	172	237	317	4,047	44.3	46.7	
Handlers, equipment cleaners, helpers, and laborers .....	5,008	1,331	378	246	708	3,677	37.8	41.8	
<b>Men, 16 years and over<sup>1</sup></b> .....	<b>60,118</b>	<b>9,654</b>	<b>2,166</b>	<b>3,474</b>	<b>4,210</b>	<b>50,265</b>	<b>42.6</b>	<b>44.8</b>	
Managerial and professional specialty .....	15,987	2,087	242	1,074	771	13,900	45.0	46.6	
Executive, administrative, and managerial .....	8,967	912	98	550	264	8,055	46.4	47.4	
Professional specialty .....	7,020	1,175	144	524	506	5,845	43.3	45.5	
Technical, sales, and administrative support .....	12,762	2,008	315	626	1,067	10,753	42.7	45.2	
Technicians and related support .....	1,799	204	24	109	71	1,595	43.1	44.2	
Sales occupations .....	7,181	1,147	195	283	669	6,034	44.2	47.2	
Administrative support, including clerical .....	3,782	657	96	234	327	3,124	39.6	41.9	
Service occupations .....	6,667	2,043	583	356	1,101	4,623	37.7	42.5	
Private household .....	33	15	6	-	9	16	( <sup>2</sup> )	( <sup>2</sup> )	
Protective service .....	1,761	279	46	121	112	1,483	42.8	44.4	
Service, except private household and protective .....	4,672	1,749	531	236	980	3,123	36.0	41.7	
Precision production, craft, and repair .....	11,715	1,567	441	759	367	10,149	42.5	43.6	
Operators, fabricators, and laborers .....	12,988	2,148	586	658	904	10,839	42.1	44.3	
Machine operators, assemblers, and inspectors .....	4,404	533	155	253	125	3,871	42.5	43.4	
Transportation and material moving occupations .....	4,443	562	120	212	230	3,881	45.1	46.9	
Handlers, equipment cleaners, helpers, and laborers .....	4,141	1,053	312	192	549	3,087	38.3	42.2	
<b>Women, 16 years and over<sup>1</sup></b> .....	<b>49,616</b>	<b>16,226</b>	<b>2,384</b>	<b>3,464</b>	<b>10,378</b>	<b>33,390</b>	<b>35.9</b>	<b>41.0</b>	
Managerial and professional specialty .....	13,097	3,309	292	1,126	1,891	9,788	38.5	42.0	
Executive, administrative, and managerial .....	6,544	1,126	60	522	544	5,419	41.3	43.4	
Professional specialty .....	6,553	2,183	232	604	1,347	4,369	35.8	40.5	
Technical, sales, and administrative support .....	22,161	7,313	949	1,458	4,906	14,848	35.3	40.5	
Technicians and related support .....	1,893	488	54	105	328	1,406	37.7	41.3	
Sales occupations .....	6,897	2,959	496	356	2,107	3,938	34.1	41.8	
Administrative support, including clerical .....	13,371	3,867	399	997	2,471	9,504	35.7	39.8	
Service occupations .....	9,438	4,452	853	536	3,063	4,986	32.5	40.7	
Private household .....	787	479	116	34	329	309	28.0	42.0	
Protective service .....	360	85	14	20	51	295	38.6	42.1	
Service, except private household and protective .....	8,271	3,889	723	483	2,683	4,382	32.7	40.5	
Precision production, craft, and repair .....	1,114	217	32	69	116	896	39.7	42.5	
Operators, fabricators, and laborers .....	3,806	934	257	275	402	2,872	37.9	40.7	
Machine operators, assemblers, and inspectors .....	2,609	492	138	197	157	2,117	39.2	40.7	
Transportation and material moving occupations .....	330	164	53	25	86	166	33.2	42.8	
Handlers, equipment cleaners, helpers, and laborers .....	868	276	66	53	159	590	35.6	40.1	

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

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

NOTE: Data for 1994 are not directly comparable with data for 1993 and

earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

**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	
	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994
Total, 16 years and over .....	4,907	4,409	6.9	6.1	4,094	3,872	6.9	6.4
Married, spouse present .....	1,757	1,431	4.1	3.3	1,542	1,376	4.9	4.3
Widowed, divorced, or separated .....	691	601	8.8	7.4	866	786	7.3	6.6
Single (never married) .....	2,459	2,377	11.9	11.2	1,686	1,710	10.6	10.4
White, 16 years and over .....	3,705	3,224	6.0	5.2	2,961	2,843	5.9	5.6
Married, spouse present .....	1,477	1,132	3.9	3.0	1,307	1,188	4.7	4.2
Widowed, divorced, or separated .....	550	431	8.4	6.4	616	579	6.5	6.1
Single (never married) .....	1,678	1,661	10.0	9.6	1,038	1,076	8.4	8.4
Black, 16 years and over .....	957	913	13.3	12.6	965	826	13.4	10.9
Married, spouse present .....	187	179	5.9	5.5	156	111	6.8	4.6
Widowed, divorced, or separated .....	115	140	10.9	12.4	225	171	11.3	8.4
Single (never married) .....	655	594	21.9	20.5	584	543	20.1	17.7
Total, 25 years and over .....	3,251	2,732	5.5	4.6	2,711	2,484	5.6	5.0
Married, spouse present .....	1,648	1,335	4.0	3.2	1,358	1,208	4.6	4.0
Widowed, divorced, or separated .....	663	578	8.7	7.3	792	727	6.9	6.3
Single (never married) .....	939	819	9.2	8.2	562	549	7.8	7.5
White, 25 years and over .....	2,537	2,050	5.0	4.0	2,025	1,898	5.0	4.6
Married, spouse present .....	1,382	1,058	3.8	2.9	1,158	1,033	4.4	3.8
Widowed, divorced, or separated .....	525	412	8.3	6.3	570	526	6.2	5.7
Single (never married) .....	630	580	7.7	7.2	297	338	5.7	6.3
Black, 25 years and over .....	564	510	9.9	8.9	572	465	9.9	7.7
Married, spouse present .....	178	171	5.8	5.5	129	105	6.0	4.5
Widowed, divorced, or separated .....	112	139	10.9	12.5	197	168	10.2	8.5
Single (never married) .....	274	200	17.1	13.5	246	192	14.7	11.2

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the

Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994
Total, 16 years and over <sup>1</sup> .....	9,002	8,281	6.9	6.2	6.9	6.1	6.9	6.4
Managerial and professional specialty .....	945	965	2.9	2.8	2.7	2.5	3.1	3.1
Executive, administrative, and managerial .....	483	377	3.0	2.2	2.8	1.9	3.4	2.6
Professional specialty .....	462	588	2.7	3.3	2.6	3.2	2.8	3.5
Technical, sales, and administrative support .....	2,142	1,902	5.4	4.8	5.0	4.0	5.7	5.3
Technicians and related support .....	182	102	4.2	2.5	4.8	2.3	3.6	2.7
Sales occupations .....	885	874	5.7	5.5	4.5	4.0	6.9	7.1
Administrative support, including clerical .....	1,075	925	5.5	4.7	5.9	5.0	5.3	4.7
Service occupations .....	1,393	1,587	7.6	8.3	7.1	9.3	7.9	7.7
Private household .....	53	101	5.1	10.3	( <sup>2</sup> )	( <sup>2</sup> )	4.5	10.5
Protective service .....	84	113	3.7	4.7	3.0	4.7	6.4	4.3
Service, except private household and protective .....	1,255	1,373	8.3	8.8	8.4	10.9	8.3	7.6
Precision production, craft, and repair .....	1,119	739	7.6	5.1	7.6	4.9	7.2	6.9
Mechanics and repairers .....	276	165	5.8	3.5	5.9	3.3	3.6	6.9
Construction trades .....	571	385	9.6	6.8	9.7	6.8	7.2	6.9
Other precision production, craft, and repair .....	272	189	6.6	4.6	6.2	3.9	7.9	6.9
Operators, fabricators, and laborers .....	1,838	1,817	9.6	9.1	9.0	8.7	11.6	10.3
Machine operators, assemblers, and inspectors .....	738	720	9.1	8.5	7.6	7.6	11.5	10.0
Transportation and material moving occupations .....	363	373	6.8	6.7	6.8	6.6	6.7	8.5
Handlers, equipment cleaners, helpers, and laborers .....	737	724	13.1	12.1	12.8	12.1	14.4	11.9
Construction laborers .....	169	160	18.2	15.9	18.0	16.2	( <sup>2</sup> )	( <sup>2</sup> )
Other handlers, equipment cleaners, helpers, and laborers .....	568	564	12.0	11.3	11.5	11.1	14.1	12.0
Farming, forestry, and fishing .....	271	347	6.4	7.7	6.1	7.4	7.8	8.8
No previous work experience .....	1,243	876	-	-	-	-	-	-
16 to 19 years .....	840	639	-	-	-	-	-	-
20 to 24 years .....	236	137	-	-	-	-	-	-
25 years and over .....	167	99	-	-	-	-	-	-

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

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

NOTE: Data for 1994 are not directly comparable with data for 1993

and earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**HOUSEHOLD DATA  
NOT SEASONALLY ADJUSTED**

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

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994
Total, 16 years and over .....	9,002	8,281	6.9	6.2	6.9	6.1	6.9	6.4
Nonagricultural private wage and salary workers .....	6,582	6,170	6.8	6.2	6.9	6.2	6.7	6.2
Mining .....	42	41	5.8	5.9	6.0	6.0	5.3	4.9
Construction .....	818	585	13.2	9.1	13.3	9.5	12.2	4.8
Manufacturing .....	1,479	1,171	7.1	5.6	6.4	4.9	8.7	7.1
Durable goods .....	797	663	6.7	5.5	6.6	5.2	7.2	6.3
Lumber and wood products .....	59	53	8.2	7.2	7.5	8.0	12.2	1.9
Furniture and fixtures .....	53	47	8.3	7.1	10.4	6.3	3.3	8.7
Stone, clay, and glass products .....	29	46	5.3	8.1	5.9	9.2	2.8	3.8
Primary metal industries .....	44	26	5.6	3.2	5.7	3.1	4.9	3.9
Fabricated metal products .....	63	88	5.0	6.4	4.8	5.5	5.8	9.3
Machinery and computing equipment .....	143	94	6.0	3.8	6.2	3.5	5.4	4.8
Electrical machinery, equipment, and supplies .....	141	79	7.0	4.2	4.9	2.8	10.2	6.0
Transportation equipment .....	190	167	8.2	7.4	8.2	7.3	8.2	7.9
Automobiles .....	77	93	6.5	7.6	6.5	7.8	6.5	7.0
Other transportation equipment .....	112	74	10.0	7.2	10.0	6.7	10.0	9.3
Professional and photographic equipment .....	33	27	5.0	3.9	4.9	2.7	5.2	5.6
Other durable goods industries .....	42	35	7.9	5.9	8.9	5.0	6.8	8.8
Nondurable goods .....	682	508	7.7	5.8	6.1	4.5	9.9	7.7
Food and kindred products .....	190	98	9.2	5.0	7.9	4.9	11.8	5.3
Textile mill products .....	38	45	6.2	7.2	5.9	7.0	6.6	7.3
Apparel and other textile products .....	151	124	13.6	12.0	9.8	8.8	14.9	13.1
Paper and allied products .....	36	40	4.5	4.9	3.5	4.9	7.3	5.0
Printing and publishing .....	90	111	5.1	6.1	3.1	5.2	7.3	7.3
Chemicals and allied products .....	85	44	6.6	3.4	6.7	2.4	6.3	5.3
Rubber and miscellaneous plastics products .....	69	31	7.9	3.8	6.5	2.2	10.7	6.7
Other nondurable goods industries .....	23	14	6.3	4.1	6.1	3.1	8.0	6.6
Transportation and public utilities .....	324	368	4.7	5.1	5.1	5.6	3.7	3.7
Transportation .....	226	272	5.6	6.3	5.7	6.8	5.2	4.7
Communications and other public utilities .....	98	96	3.4	3.3	4.0	3.5	2.5	2.9
Wholesale and retail trade .....	1,901	1,951	7.5	7.5	6.9	7.2	8.2	7.9
Wholesale trade .....	269	259	6.0	5.5	5.4	5.3	7.5	5.9
Retail trade .....	1,631	1,692	7.8	7.9	7.3	7.8	8.3	8.1
Finance, insurance, and real estate .....	282	274	3.8	3.6	3.6	3.3	3.9	3.8
Service industries .....	1,737	1,780	5.8	5.7	6.0	5.9	5.8	5.6
Professional services .....	760	759	4.4	4.1	4.0	4.2	4.6	4.1
Other service industries .....	977	1,021	7.8	8.0	7.5	7.3	8.2	8.8
Agricultural wage and salary workers .....	212	232	10.1	10.9	10.0	11.0	10.4	10.4
Government, self-employed, and unpaid family workers .....	964	1,004	3.2	3.4	3.1	3.1	3.4	3.7
No previous work experience .....	1,243	876	-	-	-	-	-	-

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	
	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994
<b>NUMBER OF UNEMPLOYED</b>												
Total unemployed .....	9,002	8,281	4,039	3,503	3,400	3,150	1,563	1,628	6,667	6,067	1,923	1,739
Job losers and persons who completed temporary jobs .....	4,652	3,701	2,801	2,091	1,657	1,441	194	169	3,539	2,891	920	610
On temporary layoff .....	1,071	950	612	475	422	418	37	57	861	757	192	146
Not on temporary layoff .....	3,581	2,751	2,189	1,616	1,235	1,023	157	112	2,677	2,134	728	464
Permanent job losers .....	( <sup>1</sup> )	2,016	( <sup>1</sup> )	1,200	( <sup>1</sup> )	740	( <sup>1</sup> )	76	( <sup>1</sup> )	1,591	( <sup>1</sup> )	308
Persons who completed temporary jobs .....	( <sup>1</sup> )	735	( <sup>1</sup> )	416	( <sup>1</sup> )	283	( <sup>1</sup> )	36	( <sup>1</sup> )	543	( <sup>1</sup> )	157
Job leavers .....	969	797	408	382	410	292	150	123	746	655	185	107
Reentrants .....	2,217	2,907	723	942	1,078	1,268	416	697	1,606	1,985	495	750
New entrants .....	1,164	876	107	87	254	149	803	639	776	536	322	272
<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 .....	51.7	44.7	69.4	59.7	48.7	45.7	12.4	10.4	53.1	47.6	47.9	35.1
On temporary layoff .....	11.9	11.5	15.2	13.6	12.4	13.3	2.4	3.5	12.9	12.5	10.0	8.4
Not on temporary layoff .....	39.8	33.2	54.2	46.1	36.3	32.5	10.0	6.9	40.2	35.2	37.9	26.7
Job leavers .....	10.8	9.6	10.1	10.9	12.1	9.3	9.6	7.5	11.2	10.8	9.6	6.1
Reentrants .....	24.6	35.1	17.9	26.9	31.7	40.2	26.6	42.8	24.1	32.7	25.8	43.1
New entrants .....	12.9	10.6	2.6	2.5	7.5	4.7	51.4	39.3	11.6	8.8	16.7	15.7
<b>UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE</b>												
Job losers and persons who completed temporary jobs .....	3.6	2.8	4.2	3.1	3.0	2.6	2.2	1.8	3.2	2.6	6.4	4.1
Job leavers .....	.7	.6	.6	.6	.7	.5	1.7	1.3	.7	.6	1.3	.7
Reentrants .....	1.7	2.2	1.1	1.4	2.0	2.3	4.8	7.5	1.4	1.8	3.4	5.1
New entrants .....	.9	.7	.2	.1	.5	.3	9.3	6.9	.7	.5	2.2	1.8

<sup>1</sup> Not available.

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.



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

(Percent distribution)

Reason, sex, and age	July 1994						
	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 .....	8,281	100.0	37.5	30.0	32.5	13.1	19.5
Job losers and persons who completed temporary jobs .....	3,701	100.0	38.7	26.7	34.7	13.7	20.9
On temporary layoff .....	950	100.0	63.1	29.0	7.8	4.4	3.5
Not on temporary layoff .....	2,751	100.0	30.2	25.8	43.9	16.9	27.0
Permanent job losers .....	2,016	100.0	26.6	24.4	49.0	19.1	30.0
Persons who completed temporary jobs .....	735	100.0	40.2	29.9	29.9	11.1	18.8
Job leavers .....	797	100.0	48.6	25.8	25.6	12.0	13.6
Reentrants .....	2,907	100.0	33.2	31.7	35.1	13.7	21.4
New entrants .....	876	100.0	36.6	42.4	21.0	9.0	12.0
Men, 20 years and over .....	3,503	100.0	33.2	26.4	40.4	13.8	26.6
Job losers and persons who completed temporary jobs .....	2,091	100.0	36.6	24.2	39.1	14.3	24.8
On temporary layoff .....	475	100.0	64.0	25.9	10.0	6.3	3.7
Not on temporary layoff .....	1,616	100.0	26.6	23.7	47.7	16.6	31.0
Permanent job losers .....	1,200	100.0	25.6	21.5	52.9	18.6	34.3
Persons who completed temporary jobs .....	416	100.0	37.1	30.2	32.7	11.1	21.6
Job leavers .....	382	100.0	40.9	25.6	33.5	14.1	19.4
Reentrants .....	942	100.0	23.6	29.4	47.0	13.6	33.4
New entrants .....	87	100.0	22.3	48.4	29.3	3.3	26.0
Women, 20 years and over .....	3,150	100.0	38.0	30.2	31.8	14.1	17.7
Job losers and persons who completed temporary jobs .....	1,441	100.0	38.1	31.0	30.9	13.8	17.1
On temporary layoff .....	418	100.0	57.1	36.5	6.4	2.8	3.6
Not on temporary layoff .....	1,023	100.0	30.4	28.7	40.9	18.3	22.6
Permanent job losers .....	740	100.0	24.6	29.2	46.2	20.8	25.4
Persons who completed temporary jobs .....	283	100.0	45.6	27.4	27.0	11.7	15.3
Job leavers .....	292	100.0	47.7	28.0	24.3	13.0	11.3
Reentrants .....	1,268	100.0	37.3	28.8	33.9	14.6	19.3
New entrants .....	149	100.0	22.9	39.6	37.5	15.5	22.0
Both sexes, 16 to 19 years .....	1,628	100.0	45.7	37.4	16.9	9.4	7.6
Job losers and persons who completed temporary jobs .....	169	100.0	68.4	19.9	11.7	5.8	5.9
On temporary layoff .....	57	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Not on temporary layoff .....	112	100.0	52.1	30.3	17.6	8.7	8.9
Permanent job losers .....	76	100.0	60.5	23.5	16.0	9.6	6.5
Persons who completed temporary jobs .....	36	100.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Job leavers .....	123	100.0	75.1	20.9	4.0	3.3	-
Reentrants .....	697	100.0	38.6	40.1	21.3	12.3	9.0
New entrants .....	639	100.0	41.7	42.2	16.0	8.2	7.8

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

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	
	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994	July 1993	July 1994
Total, 16 years and over .....	9,002	8,281	100.0	100.0	7,602	6,952	100.0	100.0
Less than 5 weeks .....	3,474	3,104	38.6	37.5	2,722	2,473	35.8	35.6
5 to 14 weeks .....	2,671	2,484	29.7	30.0	2,233	2,047	29.4	29.4
5 to 10 weeks .....	2,023	1,833	22.5	22.1	1,660	1,494	21.8	21.5
11 to 14 weeks .....	648	651	7.2	7.9	573	553	7.5	8.0
15 weeks and over .....	2,858	2,692	31.7	32.5	2,647	2,432	34.8	35.0
15 to 26 weeks .....	1,072	1,081	11.9	13.1	986	938	13.0	13.5
27 weeks and over .....	1,785	1,611	19.8	19.5	1,661	1,494	21.8	21.5
27 to 51 weeks .....	814	621	9.0	7.5	759	558	10.0	8.0
52 weeks and over .....	971	990	10.8	12.0	902	936	11.9	13.5
Average (mean) duration, in weeks .....	17.0	16.1	-	-	18.3	19.5	-	-
Median duration, in weeks .....	7.3	8.1	-	-	8.3	8.8	-	-

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the

Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**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	July 1994								
	Thousands of persons						Weeks		
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over			Average (mean) duration	Median duration	
				Total	15 to 26 weeks	27 weeks and over			
<b>TOTAL</b>									
Total, 16 years and over .....	8,281	3,104	2,484	2,692	1,081	1,611	18.1	8.1	
16 to 19 years .....	1,628	743	609	276	152	123	10.3	5.5	
20 to 24 years .....	1,436	572	518	346	172	174	13.7	7.4	
25 to 34 years .....	1,983	704	559	720	291	428	19.4	8.8	
35 to 44 years .....	1,583	551	416	617	224	393	21.5	9.4	
45 to 54 years .....	1,006	310	228	468	154	314	26.0	12.3	
55 to 64 years .....	465	167	117	182	60	121	22.7	9.9	
65 years and over .....	179	57	38	84	28	57	25.8	10.5	
<b>Men, 16 years and over .....</b>									
16 to 19 years .....	4,409	1,564	1,259	1,586	571	1,015	20.7	9.0	
16 to 19 years .....	906	399	335	172	87	85	11.1	6.0	
20 to 24 years .....	770	306	271	194	92	102	13.9	8.0	
25 to 34 years .....	1,055	332	298	425	144	281	23.1	9.9	
35 to 44 years .....	771	262	166	343	106	238	25.5	11.6	
45 to 54 years .....	535	153	111	271	85	186	29.8	15.0	
55 to 64 years .....	261	79	63	118	37	81	26.8	12.7	
65 years and over .....	110	32	15	63	20	43	32.7	19.1	
<b>Women, 16 years and over .....</b>									
16 to 19 years .....	3,872	1,540	1,225	1,106	511	596	15.2	7.2	
16 to 19 years .....	721	344	273	104	65	39	9.2	5.0	
20 to 24 years .....	666	267	247	153	80	73	13.4	6.9	
25 to 34 years .....	927	371	261	295	148	147	15.1	7.3	
35 to 44 years .....	813	289	250	274	118	156	17.7	8.4	
45 to 54 years .....	471	157	117	197	69	128	21.7	10.1	
55 to 64 years .....	204	88	54	63	23	40	17.5	6.7	
65 years and over .....	69	25	23	21	7	14	( <sup>1</sup> )	( <sup>1</sup> )	
<b>Race</b>									
<b>White, 16 years and over .....</b>									
Men .....	6,067	2,433	1,759	1,875	751	1,124	17.3	7.6	
Women .....	3,224	1,244	877	1,104	394	709	20.0	8.4	
<b>Black, 16 years and over .....</b>									
Men .....	2,843	1,190	882	771	357	414	14.4	6.7	
Women .....	1,739	486	581	672	262	411	21.4	9.7	
Men .....	913	222	295	396	148	248	24.2	11.3	
Women .....	826	264	286	276	114	162	18.2	8.5	
<b>Marital status</b>									
<b>Men, 16 years and over:</b>									
Married, spouse present .....	1,431	470	336	625	222	403	23.7	11.2	
Widowed, divorced, or separated .....	601	188	134	279	90	189	27.0	12.4	
Single (never married) .....	2,377	905	790	683	259	423	17.3	7.8	
<b>Women, 16 years and over:</b>									
Married, spouse present .....	1,376	577	407	392	152	239	15.4	6.9	
Widowed, divorced, or separated .....	786	277	226	283	146	137	17.1	8.1	
Single (never married) .....	1,710	686	592	432	212	220	14.1	7.0	

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

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

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

Occupation and industry	July 1994								
	Thousands of persons					Weeks			
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over			Average (mean) duration	Median duration	
				Total	15 to 26 weeks	27 weeks and over			
<b>OCCUPATION</b>									
Managerial and professional specialty .....	965	288	307	370	143	227	21.3	10.1	
Technical, sales, and administrative support .....	1,902	713	544	644	294	350	17.5	8.8	
Service occupations .....	1,587	675	483	430	170	260	15.6	6.6	
Precision production, craft, and repair .....	739	281	188	270	115	156	19.7	9.0	
Operators, fabricators, and laborers .....	1,817	689	480	648	223	425	20.4	8.5	
Farming, forestry, and fishing .....	347	129	103	115	43	72	16.7	6.2	
<b>INDUSTRY<sup>1</sup></b>									
Agriculture .....	232	92	68	72	32	40	15.4	5.5	
Construction .....	597	234	191	172	77	95	15.7	7.9	
Manufacturing .....	1,179	409	303	467	199	268	21.5	10.0	
Durable goods .....	671	227	151	293	120	173	23.5	11.1	
Nondurable goods .....	508	182	151	174	80	95	18.9	9.1	
Transportation and public utilities .....	420	151	63	206	59	147	29.8	13.3	
Wholesale and retail trade .....	1,968	814	566	588	257	331	16.3	7.5	
Finance, insurance, and real estate .....	283	61	99	124	53	71	22.0	10.9	
Services .....	2,221	858	713	651	274	376	15.8	7.7	
Public administration .....	147	39	32	76	11	64	30.5	17.1	
No previous work experience .....	876	320	371	184	79	105	14.1	6.9	

<sup>1</sup> Includes wage and salary workers only.  
NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current

Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

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

(In thousands)

Category	July 1994					
	Total	Age			Sex	
		16 to 24 years	25 to 54 years	55 years and over	Men	Women
Total not in the labor force .....	64,076	8,447	19,212	36,417	22,319	41,757
Do not want a job now <sup>1</sup> .....	58,050	6,437	16,216	35,397	20,125	37,925
Want a job <sup>1</sup> .....	6,026	2,010	2,996	1,020	2,194	3,832
Did not search for work in previous year .....	3,482	1,075	1,650	758	1,110	2,372
Searched for work in previous year <sup>2</sup> .....	2,544	935	1,346	262	1,084	1,460
Not available to work now .....	699	238	410	52	228	471
Available to work now .....	1,844	697	936	210	856	988
Reason not currently looking:						
Discouragement over job prospects <sup>3</sup> .....	542	187	294	61	324	218
Reasons other than discouragement .....	1,302	511	643	149	532	771
Family responsibilities .....	246	51	170	24	48	198
In school or training .....	174	132	42	-	97	77
Ill health or disability .....	140	15	86	39	51	89
Other <sup>4</sup> .....	743	313	344	85	337	406

<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 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	July 1994					
	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> .....	7,172	5.8	3,853	5.7	3,319	5.8
16 to 19 years .....	532	6.9	249	6.2	283	7.7
20 years and over .....	6,640	5.7	3,604	5.7	3,036	5.7
20 to 24 years .....	946	7.1	419	5.9	527	8.5
25 years and over .....	5,694	5.5	3,186	5.6	2,508	5.3
25 to 54 years .....	5,103	5.7	2,812	5.8	2,291	5.7
55 years and over .....	590	4.0	373	4.6	217	3.3
55 to 64 years .....	501	4.5	313	5.1	188	3.8
65 years and over .....	89	2.5	60	2.9	29	1.9
<b>RACE AND HISPANIC ORIGIN</b>						
White .....	6,307	5.9	3,389	5.8	2,918	6.1
Black .....	644	4.9	338	5.3	306	4.6
Hispanic origin .....	291	2.7	180	2.7	111	2.6
<b>MARITAL STATUS</b>						
Married, spouse present .....	3,923	5.4	2,422	5.9	1,501	4.9
Widowed, divorced, or separated .....	1,063	5.7	374	4.9	689	6.2
Single (never married) .....	2,186	6.5	1,057	5.6	1,129	7.6
<b>FULL- OR PART-TIME STATUS</b>						
Primary job full time, secondary job part time .....	4,023	-	2,419	-	1,604	-
Primary and secondary jobs both part time .....	1,529	-	497	-	1,032	-
Primary and secondary jobs both full time .....	284	-	204	-	60	-
Hours vary on primary or secondary job .....	1,302	-	720	-	582	-

<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 job(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							
	July 1993	July 1994	Total		Employed		Unemployed			
			July 1993	July 1994	July 1993	July 1994	Number		Percent of labor force	
							July 1993	July 1994	July 1993	July 1994
<b>VIETNAM-ERA VETERANS</b>										
Total, 40 years and over .....	7,194	7,403	6,385	6,508	6,081	6,240	304	268	4.8	4.1
40 to 54 years .....	6,360	6,506	5,928	6,016	5,650	5,756	279	260	4.7	4.3
40 to 44 years .....	2,257	1,854	2,116	1,711	2,012	1,612	105	99	5.0	5.8
45 to 49 years .....	2,943	3,183	2,748	2,960	2,612	2,837	137	123	5.0	4.2
50 to 54 years .....	1,160	1,468	1,064	1,346	1,027	1,308	37	38	3.5	2.8
55 years and over .....	834	898	458	492	431	484	25	8	5.5	1.6
<b>NONVETERANS</b>										
Total, 40 to 54 years .....	15,480	16,230	14,057	14,606	13,382	14,027	676	580	4.8	4.0
40 to 44 years .....	6,769	7,503	6,321	6,985	6,024	6,738	297	247	4.7	3.5
45 to 49 years .....	4,596	4,772	4,146	4,272	3,959	4,104	187	169	4.5	3.9
50 to 54 years .....	4,095	3,955	3,590	3,346	3,398	3,184	192	164	5.3	4.9

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. Data for 1994 are not directly comparable with data for 1993 and earlier years. For

additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**ESTABLISHMENT DATA  
HISTORICAL EMPLOYMENT**

**B-1. Employees on nonfarm payrolls by major industry, 1943 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															
1943	42,434	36,356	20,114	925	1,587	17,602	22,320	3,647	1,828	5,154	1,481	4,130	2,905	( <sup>1</sup> )	( <sup>1</sup> )
1944	41,864	35,822	19,328	892	1,108	17,328	22,536	3,829	1,851	5,208	1,481	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	36,058	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	36,382	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	39,218	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	37,697	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	5,358	1,926	( <sup>1</sup> )	( <sup>1</sup> )
1951	47,819	41,430	19,959	929	2,637	16,393	27,860	4,228	2,735	7,007	1,956	5,547	2,302	( <sup>1</sup> )	( <sup>1</sup> )
1952	48,793	42,185	20,196	896	2,866	16,632	28,595	4,248	2,621	7,184	2,035	5,699	2,420	( <sup>1</sup> )	( <sup>1</sup> )
1953	50,202	43,556	21,074	866	2,859	17,549	29,126	4,290	2,862	7,385	2,111	5,635	2,305	( <sup>1</sup> )	( <sup>1</sup> )
1954	48,990	42,236	19,751	791	2,646	16,314	29,239	4,064	2,675	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	2,369	6,497	2,209	1,250	3,819
1957	52,855	45,239	20,967	828	2,982	17,176	31,869	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	3,876	2,969	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	3,082	6,035	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	6,238	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	6,195	2,688	7,619	2,279	1,607	4,708
1962	55,549	48,660	20,451	650	2,948	16,853	35,098	3,906	3,207	6,359	2,754	7,982	2,340	1,668	4,881
1963	58,653	47,429	20,640	635	3,010	16,995	36,013	3,903	3,258	6,520	2,830	8,277	2,358	1,747	5,121
1964	58,263	48,686	21,005	634	3,097	17,274	37,278	3,951	3,347	6,812	2,911	8,660	2,348	1,858	5,392
1965	60,763	50,689	21,928	632	3,232	18,062	36,839	4,036	3,477	7,239	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	8,637	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	67,697	56,058	23,737	606	3,350	19,781	44,158	4,316	3,791	10,308	3,337	10,587	2,737	2,442	6,660
1969	70,364	58,189	24,361	619	3,575	20,187	48,023	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	2,864	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	23,686	628	3,689	19,151	50,007	4,541	4,127	11,822	3,908	12,276	2,684	2,859	7,790
1973	76,790	63,056	24,893	642	4,097	20,154	51,897	4,656	4,291	12,315	4,046	12,857	2,663	2,923	8,148
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	78,945	62,259	22,800	752	3,525	18,323	54,345	4,542	4,430	12,630	4,165	13,892	2,748	3,179	8,758
1976	79,382	64,511	23,352	779	3,576	18,997	56,030	4,582	4,562	13,193	4,271	14,551	2,733	3,273	8,985
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	14,558	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	5,148	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	5,061	5,295	15,158	5,340	18,021	2,739	3,640	9,458
1983	90,152	74,262	23,330	952	3,946	18,432	66,821	4,952	5,283	15,587	5,466	18,664	2,774	3,662	9,434
1984	94,408	78,384	24,718	966	4,380	19,372	68,690	5,158	5,568	16,512	5,684	20,748	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	17,960	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	87,624	25,125	713	5,098	19,314	80,086	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	19,264	6,646	28,338	2,966	4,355	11,081
1992	108,604	89,959	23,231	635	4,492	18,104	85,373	5,721	5,987	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
Monthly data, seasonally adjusted															
1993:															
June	110,372	91,568	23,225	608	4,832	17,985	87,147	5,789	5,949	19,695	6,704	30,206	2,908	4,476	11,420
July	110,628	91,602	23,232	606	4,653	17,973	87,396	5,800	5,962	19,735	6,718	30,355	2,903	4,488	11,435
August	110,714	91,892	23,207	602	4,659	17,948	87,507	5,786	5,954	19,770	6,724	30,451	2,906	4,487	11,429
September	110,923	92,036	23,206	605	4,667	17,934	87,717	5,783	5,962	19,805	6,735	30,545	2,902	4,481	11,487
October	111,112	92,239	23,245	605	4,700	17,940	87,887	5,798	5,985	19,822	6,748	30,661	2,901	4,504	11,488
November	111,366	92,479	23,281	604	4,733	17,944	88,085	5,600	5,971	19,848	6,783	30,816	2,900	4,505	11,482
December	111,610	92,692	23,298	618	4,738	17,942	88,312	5,792	5,976	19,931	6,769	30,926	2,915	4,511	11,492
1994:															
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	31,328	2,884	4,520	11,537
April	112,699	93,718	23,506	606	4,893	18,007	89,193	5,759	6,026	20,137	6,791	31,497	2,882	4,534	11,565
May <sup>p</sup>	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 <sup>p</sup>	113,307	94,290	23,564	605	4,923	18,036	89,743	5,846	6,046	20,271	6,800	31,763	2,857	4,536	11,624

<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>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 (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
<b>Annual averages</b>									
1964 .....	38.7	\$2.36	\$91.33	41.9	\$2.81	\$117.74	37.2	\$3.55	\$132.06
1965 .....	38.8	2.46	95.45	42.3	2.92	123.52	37.4	3.70	138.38
1966 .....	38.6	2.56	98.82	42.7	3.05	130.24	37.6	3.89	146.26
1967 .....	38.0	2.68	101.84	42.6	3.19	135.89	37.7	4.11	154.95
1968 .....	37.8	2.85	107.73	42.6	3.35	142.71	37.3	4.41	164.49
1969 .....	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970 .....	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971 .....	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972 .....	37.0	3.70	136.90	42.8	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	6.86	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	9.68	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
<b>Monthly data, not seasonally adjusted</b>									
<b>1993:</b>									
July .....	34.8	\$10.75	\$374.10	44.1	\$14.49	\$639.01	39.5	\$14.37	\$567.62
August .....	35.1	10.78	378.38	44.9	14.44	648.36	39.6	14.45	572.22
September .....	34.5	10.91	376.40	44.5	14.54	647.03	38.3	14.52	556.12
October .....	34.6	10.94	378.52	45.5	14.47	658.39	39.3	14.55	571.82
November .....	34.5	10.96	378.12	44.7	14.43	645.02	38.6	14.47	558.54
December .....	34.7	10.97	380.66	44.6	14.67	654.28	38.3	14.46	553.82
<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 <sup>p</sup> .....	34.8	11.03	383.84	44.9	14.71	660.48	39.6	14.57	576.97
July <sup>p</sup> .....	34.9	11.04	385.30	44.3	14.72	652.10	39.8	14.76	587.45

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
	<b>Annual averages</b>									
1964 .....	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.56
1965 .....	41.2	2.81	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	138.86
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	166.48	40.5	5.02	203.31	39.2	4.07	159.54
1974 .....	40.0	4.42	4.25	178.80	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	290.66
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	398.01	39.2	11.70	458.84	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
	<b>Monthly data, not seasonally adjusted</b>									
<b>1993:</b>										
July .....	41.0	\$11.72	\$11.18	\$480.52	40.0	\$13.63	\$545.20	38.3	\$11.73	\$449.26
August .....	41.5	11.70	11.13	485.55	40.3	13.62	548.89	38.4	11.75	451.20
September .....	41.5	11.85	11.24	491.78	39.8	13.67	544.07	38.1	11.80	449.58
October .....	41.8	11.80	11.19	493.24	39.9	13.66	545.03	38.3	11.81	452.32
November .....	42.0	11.87	11.26	498.54	39.7	13.69	543.49	38.2	11.80	450.76
December .....	42.4	12.00	11.36	508.80	39.8	13.74	546.85	38.3	11.85	453.86
<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 <sup>a</sup> .....	42.2	12.02	11.39	507.24	40.2	13.73	551.95	38.5	11.94	459.69
July <sup>a</sup> .....	41.5	12.03	11.41	499.25	40.3	13.83	557.35	38.4	11.99	460.42

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	38.6	3.22	117.85	33.9	3.04	103.06
1972 .....	33.4	2.75	91.85	36.6	3.36	122.96	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	102.66	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 .....	30.8	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	32.8	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	176.06	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
	Monthly data, not seasonally adjusted								
<b>1993:</b>									
July .....	29.6	\$7.24	\$214.30	35.6	\$11.27	\$401.21	32.8	\$10.62	\$348.34
August .....	29.7	7.24	215.03	36.4	11.39	414.60	33.1	10.66	352.85
September .....	28.8	7.32	210.82	35.6	11.41	406.20	32.3	10.83	349.81
October .....	28.8	7.36	211.97	35.7	11.52	411.28	32.4	10.87	352.19
November .....	28.6	7.36	210.50	35.7	11.57	413.05	32.4	10.93	354.13
December .....	29.3	7.36	215.85	35.7	11.65	415.91	32.4	10.98	355.75
<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 <sup>p</sup> .....	29.2	7.45	217.54	35.5	11.66	414.64	32.5	10.92	354.90
July <sup>p</sup> .....	29.7	7.48	221.56	35.7	11.71	418.05	32.8	10.91	357.85

<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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>a</sup>	July <sup>a</sup>
<b>Total</b> .....	110,628	110,714	110,923	111,112	111,366	111,610	111,711	111,919	112,298	112,699	112,951	113,307	113,566
<b>Total private</b> .....	91,802	91,892	92,036	92,239	92,479	92,692	92,810	93,003	93,357	93,718	93,937	94,290	94,551
<b>Goods-producing</b> .....	23,232	23,207	23,206	23,245	23,281	23,298	23,328	23,327	23,395	23,506	23,519	23,564	23,592
<b>Mining<sup>1</sup></b> .....	606	602	605	605	604	618	616	612	609	606	603	605	602
Metal mining .....	50	47	50	50	50	51	50	50	50	50	50	50	51
Oil and gas extraction .....	353	357	357	356	355	351	349	346	344	342	338	339	336
Nonmetallic minerals, except fuels .....	100	100	100	101	101	101	102	101	100	100	101	101	101
<b>Construction</b> .....	4,653	4,659	4,667	4,700	4,733	4,738	4,744	4,745	4,806	4,893	4,907	4,923	4,948
General building contractors .....	1,110	1,106	1,107	1,120	1,133	1,138	1,139	1,134	1,152	1,163	1,161	1,163	1,165
Heavy construction, except building .....	713	711	711	709	712	710	713	709	710	725	723	725	734
Special trade contractors .....	2,830	2,842	2,849	2,871	2,888	2,890	2,892	2,902	2,944	3,005	3,023	3,035	3,049
<b>Manufacturing</b> .....	17,973	17,946	17,934	17,940	17,944	17,942	17,968	17,970	17,980	18,007	18,009	18,036	18,042
<b>Durable goods</b> .....	10,135	10,121	10,123	10,135	10,142	10,153	10,182	10,182	10,190	10,216	10,217	10,249	10,244
Lumber and wood products .....	699	701	705	709	712	716	723	723	723	726	726	730	731
Furniture and fixtures .....	486	484	484	485	487	489	492	492	493	493	495	496	502
Stone, clay, and glass products .....	515	515	516	517	517	518	521	521	523	529	528	529	530
Primary metal industries .....	676	675	675	675	678	678	679	680	680	678	679	680	681
Blast furnaces and basic steel products .....	237	236	237	237	238	237	238	236	235	231	230	230	230
Fabricated metal products .....	1,328	1,327	1,328	1,332	1,335	1,338	1,345	1,345	1,348	1,353	1,357	1,365	1,365
Industrial machinery and equipment .....	1,916	1,912	1,913	1,914	1,916	1,918	1,922	1,925	1,927	1,938	1,940	1,947	1,942
Electronic and other electrical equipment .....	1,516	1,515	1,516	1,518	1,521	1,524	1,524	1,528	1,535	1,542	1,540	1,550	1,547
Transportation equipment .....	1,734	1,732	1,730	1,731	1,725	1,724	1,730	1,726	1,723	1,719	1,718	1,724	1,712
Motor vehicles and equipment .....	824	829	832	840	843	853	874	868	867	870	868	876	875
Aircraft and parts .....	537	530	528	522	515	507	502	496	491	486	484	480	474
Instruments and related products .....	889	886	882	880	877	873	871	868	864	861	858	853	856
Miscellaneous manufacturing .....	376	374	374	374	374	375	375	374	374	377	376	375	378
<b>Nondurable goods</b> .....	7,838	7,825	7,811	7,805	7,802	7,789	7,786	7,788	7,790	7,791	7,792	7,787	7,798
Food and kindred products .....	1,674	1,678	1,671	1,678	1,675	1,671	1,667	1,672	1,670	1,667	1,665	1,664	1,671
Tobacco products .....	43	42	42	42	42	42	41	40	41	41	40	39	38
Textile mill products .....	675	672	672	672	671	671	672	673	674	673	671	672	673
Apparel and other textile products .....	985	980	977	970	966	959	956	954	956	955	958	956	951
Paper and allied products .....	690	688	687	686	685	685	686	685	684	684	684	683	683
Printing and publishing .....	1,514	1,516	1,515	1,514	1,515	1,514	1,517	1,518	1,521	1,523	1,524	1,526	1,531
Chemicals and allied products .....	1,081	1,077	1,076	1,073	1,071	1,070	1,065	1,062	1,059	1,057	1,056	1,054	1,054
Petroleum and coal products .....	151	150	150	150	151	149	148	148	147	148	148	147	147
Rubber and misc. plastics products .....	907	905	905	903	909	911	917	920	922	927	931	932	937
Leather and leather products .....	118	117	116	117	117	117	117	116	116	116	115	114	113
<b>Service-producing</b> .....	87,396	87,507	87,717	87,867	88,085	88,312	88,383	88,592	88,903	89,193	89,432	89,743	89,974
<b>Transportation and public utilities</b> .....	5,800	5,786	5,783	5,798	5,800	5,792	5,793	5,803	5,816	5,759	5,843	5,846	5,860
Transportation .....	3,600	3,589	3,590	3,606	3,613	3,611	3,611	3,622	3,638	3,582	3,664	3,674	3,689
Railroad transportation .....	252	246	249	246	247	248	247	248	248	248	243	246	247
Local and interurban passenger transit .....	382	379	371	373	374	376	377	380	382	386	383	388	392
Trucking and warehousing .....	1,690	1,693	1,695	1,712	1,715	1,704	1,705	1,711	1,721	1,665	1,753	1,761	1,767
Water transportation .....	167	164	165	166	166	165	165	166	168	166	169	166	169
Transportation by air .....	735	733	736	734	735	741	739	739	739	738	733	730	728
Pipelines, except natural gas .....	18	18	18	18	18	18	18	18	18	18	18	18	18
Transportation services .....	356	356	356	357	358	359	360	360	362	363	365	365	368
Communications and public utilities .....	2,200	2,197	2,193	2,192	2,187	2,181	2,182	2,181	2,178	2,177	2,179	2,172	2,171
Communications .....	1,256	1,255	1,252	1,252	1,250	1,246	1,249	1,249	1,248	1,250	1,254	1,253	1,250
Electric, gas, and sanitary services .....	944	942	941	940	937	935	933	932	930	927	925	919	921

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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>p</sup>	July <sup>p</sup>
<b>Wholesale trade</b> .....	5,962	5,954	5,962	5,965	5,971	5,976	5,990	6,003	6,013	6,028	6,037	6,046	6,051
Durable goods .....	3,412	3,406	3,411	3,410	3,413	3,419	3,424	3,430	3,434	3,445	3,449	3,454	3,456
Nondurable goods .....	2,550	2,548	2,551	2,555	2,558	2,557	2,566	2,573	2,579	2,583	2,588	2,592	2,595
<b>Retail trade</b> .....	19,735	19,770	19,805	19,822	19,848	19,931	19,924	19,965	20,026	20,137	20,153	20,271	20,346
Building materials and garden supplies .....	762	786	790	794	798	803	808	812	818	829	833	839	842
General merchandise stores .....	2,457	2,452	2,455	2,454	2,451	2,446	2,421	2,433	2,432	2,442	2,438	2,444	2,452
Food stores .....	3,213	3,218	3,216	3,220	3,210	3,214	3,215	3,223	3,232	3,229	3,240	3,230	3,241
Automotive dealers and service stations .....	2,020	2,029	2,039	2,048	2,060	2,074	2,084	2,101	2,117	2,132	2,139	2,145	2,149
Apparel and accessory stores .....	1,149	1,152	1,153	1,148	1,144	1,154	1,146	1,148	1,154	1,146	1,144	1,145	1,145
Furniture and home furnishings stores ..	829	832	839	844	849	852	855	862	866	876	879	887	899
Eating and drinking places .....	6,825	6,843	6,854	6,850	6,869	6,917	6,928	6,915	6,928	6,995	6,993	7,076	7,107
Miscellaneous retail establishments .....	2,460	2,458	2,459	2,464	2,467	2,471	2,467	2,471	2,479	2,488	2,487	2,505	2,511
<b>Finance, insurance, and real estate</b> .....	6,718	6,724	6,735	6,748	6,763	6,769	6,771	6,776	6,781	6,791	6,787	6,800	6,801
Finance .....	3,222	3,225	3,230	3,240	3,245	3,250	3,252	3,254	3,256	3,259	3,257	3,262	3,260
Depository institutions .....	2,082	2,076	2,072	2,072	2,068	2,064	2,057	2,050	2,044	2,042	2,039	2,037	2,039
Nondepository institutions .....	449	452	457	463	467	472	477	483	486	487	486	486	482
Security and commodity brokers .....	468	472	475	479	483	486	489	492	496	499	501	505	505
Holding and other investment offices ..	223	225	226	226	227	228	229	229	230	231	231	234	234
Insurance .....	2,183	2,185	2,187	2,187	2,192	2,190	2,187	2,186	2,185	2,189	2,185	2,186	2,184
Insurance carriers .....	1,521	1,521	1,524	1,525	1,530	1,527	1,525	1,525	1,524	1,527	1,522	1,523	1,519
Insurance agents, brokers, and service .....	662	664	663	662	662	663	662	661	661	662	663	663	665
Real estate .....	1,313	1,314	1,318	1,321	1,326	1,329	1,332	1,336	1,340	1,343	1,345	1,352	1,357
<b>Services<sup>1</sup></b> .....	30,355	30,451	30,545	30,661	30,816	30,926	31,004	31,129	31,326	31,497	31,598	31,763	31,901
Agricultural services .....	512	516	522	526	533	538	539	530	528	537	548	552	555
Hotels and other lodging places .....	1,594	1,590	1,596	1,602	1,599	1,599	1,602	1,599	1,808	1,608	1,609	1,625	1,623
Personal services .....	1,138	1,136	1,131	1,134	1,137	1,140	1,149	1,143	1,138	1,137	1,129	1,129	1,131
Business services .....	5,799	5,838	5,877	5,950	6,016	6,062	6,092	6,161	6,244	6,318	6,341	6,418	6,491
Personnel supply services .....	1,937	1,961	1,984	2,033	2,066	2,103	2,130	2,173	2,230	2,282	2,286	2,338	2,385
Auto repair, services, and parking .....	947	955	962	965	975	986	992	1,002	1,017	1,026	1,029	1,040	1,046
Miscellaneous repair services .....	362	363	364	366	368	370	373	375	375	377	379	380	380
Motion pictures .....	413	416	421	423	425	432	435	443	450	465	472	479	488
Amusement and recreation services .....	1,254	1,258	1,255	1,249	1,250	1,254	1,251	1,252	1,271	1,275	1,282	1,290	1,282
Health services .....	8,782	8,802	8,830	8,852	8,873	8,890	8,909	8,922	8,959	8,985	8,998	9,022	9,040
Hospitals .....	3,790	3,790	3,791	3,790	3,789	3,787	3,788	3,787	3,791	3,794	3,794	3,788	3,788
Legal services .....	929	930	934	934	935	934	937	939	940	941	942	939	942
Educational services .....	1,690	1,693	1,697	1,696	1,707	1,708	1,710	1,720	1,730	1,733	1,744	1,738	1,739
Social services .....	2,109	2,124	2,117	2,121	2,139	2,154	2,162	2,175	2,190	2,205	2,224	2,241	2,259
Museums and botanical and zoological gardens .....	76	76	77	77	77	77	77	78	78	79	79	79	80
Membership organizations .....	2,035	2,036	2,035	2,036	2,040	2,040	2,042	2,041	2,044	2,047	2,051	2,054	2,059
Engineering and management services .....	2,540	2,543	2,553	2,556	2,567	2,567	2,560	2,575	2,580	2,590	2,597	2,603	2,611
<b>Government</b> .....	18,826	18,822	18,887	18,873	18,887	18,918	18,901	18,916	18,941	18,981	19,014	19,017	19,015
Federal .....	2,903	2,906	2,902	2,901	2,900	2,915	2,893	2,892	2,884	2,882	2,870	2,857	2,856
State .....	4,488	4,487	4,518	4,504	4,505	4,511	4,492	4,511	4,520	4,534	4,533	4,536	4,541
Education .....	1,831	1,831	1,856	1,840	1,841	1,841	1,824	1,838	1,846	1,850	1,849	1,847	1,848
Other State government .....	2,657	2,656	2,662	2,664	2,664	2,670	2,668	2,673	2,674	2,664	2,684	2,689	2,693
Local .....	11,435	11,429	11,467	11,468	11,482	11,492	11,516	11,513	11,537	11,565	11,611	11,624	11,618
Education .....	6,367	6,374	6,383	6,378	6,382	6,390	6,404	6,392	6,410	6,436	6,445	6,460	6,486
Other local government .....	5,068	5,055	5,084	5,090	5,100	5,102	5,112	5,121	5,127	5,129	5,166	5,164	5,132

<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				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May
<b>Total</b> .....	53,388	53,402	53,522	53,572	53,665	53,747	53,843	53,969	53,981	54,097	54,246	54,477	54,653
<b>Total private</b> .....	43,172	43,224	43,318	43,363	43,442	43,525	43,616	43,713	43,730	43,828	43,959	44,160	44,280
<b>Goods-producing</b> .....	6,536	6,518	6,510	6,496	6,485	6,485	6,482	6,480	6,475	6,482	6,490	6,506	6,515
<b>Mining</b> .....	88	88	88	88	88	88	88	89	87	86	87	86	86
<b>Construction</b> .....	517	518	519	520	521	523	524	525	526	528	532	539	539
<b>Manufacturing</b> .....	5,931	5,912	5,903	5,888	5,876	5,874	5,870	5,866	5,862	5,868	5,871	5,881	5,890
<b>Durable goods</b> .....	2,705	2,697	2,688	2,682	2,680	2,681	2,681	2,683	2,685	2,688	2,691	2,700	2,705
Lumber and wood products .....	113	113	113	114	114	115	116	117	117	118	117	119	119
Furniture and fixtures .....	147	147	147	147	147	147	148	149	149	150	150	150	151
Stone, clay, and glass products .....	103	103	103	103	103	103	102	102	103	103	103	104	103
Primary metal industries .....	92	91	91	91	91	92	92	92	93	93	94	93	95
Fabricated metal products .....	293	293	292	292	292	293	294	294	296	296	297	298	299
Industrial machinery and equipment .....	420	417	415	413	414	413	413	413	413	414	416	418	420
Electronic and other electrical equipment .....	642	641	640	639	640	641	642	643	642	644	645	649	649
Transportation equipment .....	356	354	352	351	349	348	347	348	348	349	349	348	348
Instruments and related products .....	368	366	364	362	360	359	358	356	355	354	353	352	352
Miscellaneous manufacturing .....	171	172	171	170	170	170	169	169	169	167	167	169	169
<b>Nondurable goods</b> .....	3,226	3,215	3,215	3,206	3,196	3,193	3,189	3,183	3,177	3,180	3,180	3,181	3,185
Food and kindred products .....	542	540	540	542	536	542	542	540	538	541	543	541	541
Tobacco products .....	14	15	14	13	14	14	14	14	13	13	13	13	13
Textile mill products .....	323	322	322	320	320	320	318	318	319	319	319	318	317
Apparel and other textile products .....	771	766	763	757	754	747	743	737	733	732	732	732	733
Paper and allied products .....	169	168	168	168	167	166	167	167	167	166	165	165	164
Printing and publishing .....	671	670	671	673	672	672	672	673	673	674	676	677	678
Chemicals and allied products .....	339	338	339	337	337	337	336	337	335	334	332	332	334
Petroleum and coal products .....	24	24	24	24	24	24	24	24	24	24	24	24	25
Rubber and misc. plastics products .....	308	307	309	307	307	306	308	308	310	312	312	315	316
Leather and leather products .....	65	65	65	65	65	65	65	65	65	65	64	64	64
<b>Service-producing</b> .....	46,802	46,884	47,012	47,076	47,180	47,262	47,361	47,489	47,506	47,615	47,756	47,971	48,138
<b>Transportation and public utilities</b> .....	1,696	1,697	1,698	1,697	1,696	1,701	1,705	1,701	1,697	1,698	1,700	1,699	1,709
<b>Wholesale trade</b> .....	1,821	1,815	1,817	1,812	1,818	1,822	1,824	1,825	1,831	1,834	1,839	1,846	1,850
<b>Retail trade</b> .....	10,417	10,425	10,443	10,453	10,473	10,476	10,484	10,512	10,513	10,533	10,554	10,601	10,635
<b>Finance, insurance, and real estate</b> .....	4,240	4,246	4,255	4,259	4,264	4,268	4,278	4,285	4,281	4,284	4,288	4,293	4,291
<b>Services</b> .....	18,462	18,523	18,595	18,646	18,706	18,773	18,843	18,910	18,933	18,997	19,088	19,215	19,280
<b>Government</b> .....	10,166	10,178	10,204	10,209	10,223	10,222	10,227	10,256	10,251	10,269	10,287	10,317	10,373
Federal .....	1,212	1,208	1,205	1,207	1,206	1,205	1,204	1,210	1,203	1,205	1,203	1,203	1,198
State .....	2,238	2,235	2,246	2,248	2,257	2,255	2,255	2,259	2,246	2,259	2,267	2,273	2,277
Local .....	6,716	6,735	6,753	6,754	6,760	6,762	6,768	6,787	6,802	6,805	6,817	6,841	6,898

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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>P</sup>	July <sup>P</sup>
<b>Total private</b> .....	74,710	74,801	74,941	75,119	75,323	75,496	75,588	75,783	76,129	76,487	76,690	77,013	77,162
<b>Goods-producing</b> .....	16,273	16,258	16,275	16,311	16,356	16,385	16,408	16,430	16,507	16,615	16,615	16,668	16,691
<b>Mining</b> .....	430	428	430	429	426	438	433	432	430	428	427	430	430
<b>Construction</b> .....	3,582	3,583	3,590	3,821	3,645	3,655	3,655	3,657	3,719	3,796	3,796	3,814	3,830
<b>Manufacturing</b> .....	12,261	12,247	12,255	12,261	12,285	12,292	12,320	12,341	12,358	12,391	12,392	12,424	12,431
<b>Durable goods</b> .....	6,784	6,776	6,792	6,806	6,822	6,843	6,869	6,881	6,892	6,924	6,930	6,964	6,965
Lumber and wood products .....	574	577	580	584	588	591	597	597	597	600	601	603	603
Furniture and fixtures .....	383	382	384	384	386	388	389	389	391	390	392	393	397
Stone, clay, and glass products .....	397	397	398	399	399	400	402	402	404	409	408	410	410
Primary metal industries .....	514	514	515	516	518	518	519	521	521	520	521	521	522
Blast furnaces and basic steel products .....	181	181	181	181	181	181	181	180	179	175	175	173	173
Fabricated metal products .....	979	980	982	984	989	993	998	1,000	1,004	1,009	1,012	1,019	1,019
Industrial machinery and equipment .....	1,162	1,158	1,162	1,165	1,169	1,174	1,179	1,185	1,187	1,197	1,200	1,208	1,210
Electronic and other electrical equipment .....	968	965	969	972	974	979	976	980	982	991	990	998	993
Transportation equipment .....	1,104	1,103	1,103	1,104	1,104	1,106	1,117	1,116	1,115	1,117	1,118	1,126	1,120
Motor vehicles and equipment .....	631	635	637	642	645	653	670	669	667	672	669	678	680
Instruments and related products .....	434	433	431	430	428	426	425	425	424	423	421	419	421
Miscellaneous manufacturing .....	269	267	268	268	267	268	267	266	267	268	267	267	270
<b>Nondurable goods</b> .....	5,477	5,471	5,463	5,455	5,463	5,449	5,451	5,460	5,466	5,467	5,462	5,460	5,466
Food and kindred products .....	1,222	1,227	1,223	1,227	1,227	1,224	1,221	1,226	1,229	1,224	1,222	1,218	1,223
Tobacco products .....	32	31	31	31	32	31	31	30	31	31	31	30	29
Textile mill products .....	574	571	572	571	571	570	572	573	574	572	571	571	571
Apparel and other textile products .....	825	821	818	813	810	803	800	799	801	801	801	800	795
Paper and allied products .....	521	519	518	517	517	517	518	518	517	518	518	518	518
Printing and publishing .....	837	838	837	835	835	833	835	836	837	838	835	839	840
Chemicals and allied products .....	572	571	573	574	577	577	575	575	573	574	573	573	573
Petroleum and coal products .....	98	98	98	97	98	96	96	95	95	96	96	95	96
Rubber and misc. plastics products .....	702	701	700	697	703	705	710	715	717	720	724	725	731
Leather and leather products .....	94	94	93	93	93	93	93	93	92	93	91	91	90
<b>Service-producing</b> .....	58,437	58,543	58,666	58,808	58,967	59,111	59,180	59,353	59,622	59,872	60,075	60,345	60,471
<b>Transportation and public utilities</b> .....	4,851	4,841	4,837	4,857	4,856	4,841	4,845	4,855	4,870	4,816	4,897	4,893	4,898
<b>Wholesale trade</b> .....	4,806	4,801	4,809	4,813	4,817	4,824	4,832	4,842	4,853	4,864	4,867	4,880	4,878
<b>Retail trade</b> .....	17,385	17,418	17,442	17,450	17,460	17,512	17,527	17,565	17,632	17,714	17,737	17,835	17,888
<b>Finance, insurance, and real estate</b> .....	4,880	4,886	4,899	4,910	4,927	4,932	4,932	4,936	4,943	4,949	4,945	4,957	4,957
<b>Services</b> .....	26,515	26,597	26,679	26,778	26,907	27,002	27,044	27,155	27,324	27,529	27,629	27,780	27,850

<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.
<b>Private nonfarm payrolls, 356 industries<sup>1</sup></b>												
<b>Over 1-month span:</b>												
1990 .....	58.8	57.3	50.8	47.9	49.7	51.8	43.8	46.2	42.7	41.6	41.3	41.3
1991 .....	39.8	39.6	38.5	38.2	48.5	45.4	48.3	52.0	48.9	46.8	46.5	48.1
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	<sup>P</sup> 62.2	<sup>P</sup> 58.6					
<b>Over 3-month span:</b>												
1990 .....	59.0	59.1	52.5	48.9	49.0	47.3	45.9	40.6	38.3	36.2	35.7	35.4
1991 .....	34.3	32.0	31.8	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	58.2	57.6	54.1	50.4	49.9	51.7	56.2	58.6	58.8
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	<sup>P</sup> 65.4	<sup>P</sup> 64.0						
<b>Over 6-month span:</b>												
1990 .....	57.2	54.9	55.8	50.4	46.6	44.0	41.3	36.9	35.8	33.6	32.0	30.2
1991 .....	30.2	32.4	31.2	33.7	39.2	44.7	46.5	45.6	47.6	44.5	41.4	39.9
1992 .....	43.5	46.3	47.2	52.0	54.2	58.6	52.6	53.1	55.6	56.3	64.2	62.2
1993 .....	81.4	60.8	59.0	59.8	54.4	54.5	57.9	58.6	59.7	60.8	62.8	63.6
1994 .....	67.0	65.9	<sup>P</sup> 68.5	<sup>P</sup> 66.3								
<b>Over 12-month span:</b>												
1990 .....	55.5	52.7	51.7	46.5	45.4	42.8	39.3	36.1	35.6	33.0	33.0	30.6
1991 .....	31.0	31.0	31.7	31.9	31.7	33.8	35.6	37.5	40.0	45.2	45.8	45.4
1992 .....	47.2	42.3	42.7	44.1	48.0	52.5	55.6	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	62.6	63.1	<sup>P</sup> 63.6
1994 .....	<sup>P</sup> 64.0											
<b>Manufacturing payrolls, 139 industries<sup>1</sup></b>												
<b>Over 1-month span:</b>												
1990 .....	48.9	47.5	43.9	46.6	40.3	46.6	38.6	42.4	35.6	38.5	29.1	34.2
1991 .....	32.7	35.8	31.3	37.4	45.7	43.5	46.4	49.3	42.8	47.6	41.4	39.8
1992 .....	38.1	40.6	45.0	57.9	47.8	50.0	53.2	41.7	49.3	47.6	52.5	51.6
1993 .....	52.5	57.6	47.8	41.7	46.0	40.3	49.3	42.6	46.6	50.0	55.4	51.1
1994 .....	54.3	53.6	51.1	56.1	50.0	<sup>P</sup> 59.0	<sup>P</sup> 51.4					
<b>Over 3-month span:</b>												
1990 .....	44.8	45.3	45.0	38.8	41.7	38.8	38.1	28.8	30.9	23.0	23.0	21.6
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	40.8	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	<sup>P</sup> 57.9	<sup>P</sup> 56.6						
<b>Over 6-month span:</b>												
1990 .....	43.5	39.9	42.8	41.0	36.3	34.2	29.1	25.2	22.3	21.2	18.0	16.9
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	39.8	45.7	47.8	50.4	54.3	55.8
1994 .....	58.3	56.1	<sup>P</sup> 60.4	<sup>P</sup> 55.8								
<b>Over 12-month span:</b>												
1990 .....	37.8	35.3	33.5	33.1	28.1	26.3	23.7	20.5	19.4	16.5	16.2	15.8
1991 .....	16.5	16.2	17.3	18.0	20.9	24.1	26.3	30.6	32.7	38.1	36.8	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	46.6	49.3	50.7	48.9	50.0	48.9	50.0	50.7	51.4	<sup>P</sup> 51.8
1994 .....	<sup>P</sup> 52.2											

<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	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>P</sup>
	Total <sup>1</sup>												
Alabama .....	1,714.0	1,711.8	1,715.7	1,718.0	1,722.3	1,721.6	1,722.2	1,722.7	1,726.4	1,730.2	1,734.7	1,732.5	1,743.9
Alaska .....	251.5	253.3	253.7	254.1	254.3	254.1	255.4	255.0	258.2	258.3	256.7	256.0	258.2
Arizona .....	1,577.4	1,580.0	1,582.7	1,589.0	1,587.5	1,591.6	1,593.7	1,597.7	1,604.6	1,615.6	1,623.9	1,626.8	1,639.5
Arkansas .....	988.7	993.4	995.0	993.8	995.9	997.7	996.1	1,000.3	1,003.0	1,005.8	1,006.4	1,012.2	1,015.9
California .....	12,010.3	12,012.0	11,990.4	11,969.6	11,953.1	11,943.7	11,940.3	11,947.6	11,957.5	11,955.2	11,955.2	11,953.2	11,939.0
Colorado .....	1,663.7	1,676.5	1,678.0	1,676.0	1,680.9	1,683.6	1,690.5	1,692.5	1,700.2	1,701.6	1,706.3	1,707.1	1,711.2
Connecticut .....	1,525.2	1,528.6	1,525.4	1,526.7	1,528.5	1,525.1	1,522.6	1,532.2	1,530.4	1,525.8	1,530.2	1,533.6	1,530.6
Delaware .....	347.2	349.1	348.8	350.6	349.6	350.3	350.8	350.0	349.6	350.6	354.5	356.9	358.6
District of Columbia .....	666.9	671.0	667.4	667.4	670.0	668.1	667.0	665.8	665.0	664.2	663.5	663.4	662.4
Florida .....	5,562.3	5,582.2	5,597.7	5,612.1	5,628.6	5,644.9	5,668.3	5,657.8	5,685.3	5,701.5	5,730.5	5,738.9	5,759.0
Georgia .....	3,067.4	3,117.2	3,126.5	3,138.8	3,155.5	3,163.3	3,170.9	3,176.8	3,201.2	3,214.0	3,224.1	3,233.4	3,247.3
Hawaii .....	541.8	541.2	539.1	536.3	539.6	537.3	536.5	534.0	533.4	533.0	533.3	530.0	531.6
Idaho .....	434.7	438.4	439.5	440.9	445.1	447.5	448.4	451.2	453.1	456.6	458.9	460.3	461.8
Illinois .....	5,303.3	5,325.7	5,329.7	5,335.7	5,354.2	5,359.3	5,374.0	5,352.0	5,372.9	5,375.2	5,376.8	5,397.8	5,395.7
Indiana .....	2,581.1	2,581.6	2,584.0	2,589.4	2,599.1	2,609.0	2,612.2	2,613.5	2,616.0	2,634.2	2,635.9	2,634.5	2,632.1
Iowa .....	1,279.3	1,277.1	1,282.0	1,285.2	1,287.1	1,291.5	1,293.4	1,293.1	1,293.8	1,297.7	1,303.3	1,307.8	1,314.7
Kansas .....	1,136.6	1,140.8	1,135.5	1,145.0	1,146.8	1,146.2	1,149.7	1,150.5	1,150.6	1,153.1	1,147.1	1,156.0	1,165.6
Kentucky .....	1,536.3	1,535.6	1,535.9	1,538.5	1,540.0	1,542.3	1,539.6	1,529.2	1,539.2	1,547.2	1,550.5	1,552.8	1,558.5
Louisiana .....	1,637.8	1,643.2	1,645.3	1,644.2	1,644.4	1,645.8	1,647.9	1,642.1	1,651.9	1,663.5	1,673.8	1,680.1	1,682.4
Maine .....	518.9	519.1	520.3	519.8	521.9	522.2	521.6	517.7	520.9	520.8	524.0	527.7	527.2
Maryland .....	2,066.2	2,101.4	2,102.5	2,106.5	2,109.1	2,108.6	2,111.0	2,111.4	2,102.8	2,106.3	2,115.6	2,116.6	2,116.9
Massachusetts .....	2,834.6	2,857.2	2,860.3	2,866.2	2,869.8	2,870.2	2,868.4	2,891.7	2,892.4	2,897.7	2,917.2	2,922.2	2,927.4
Michigan .....	3,969.0	3,983.4	3,977.5	3,991.7	3,991.1	4,007.6	4,014.7	4,028.4	4,044.0	4,067.2	4,076.6	4,084.1	4,097.8
Minnesota .....	2,237.4	2,240.1	2,239.9	2,243.5	2,256.0	2,266.3	2,272.7	2,283.3	2,288.7	2,293.0	2,298.8	2,296.3	2,302.3
Mississippi .....	997.9	1,001.1	1,009.2	1,005.0	1,008.7	1,010.1	1,009.9	1,013.6	1,016.4	1,023.0	1,025.0	1,030.4	1,034.3
Missouri .....	2,399.3	2,401.8	2,408.2	2,418.3	2,419.3	2,422.4	2,430.9	2,421.8	2,430.9	2,436.8	2,456.3	2,463.8	2,464.3
Montana .....	326.0	328.9	330.1	329.6	330.2	329.7	331.0	331.2	332.0	332.3	331.4	333.5	333.1
Nebraska .....	761.3	766.7	768.3	766.1	768.4	767.7	768.9	770.2	766.9	767.0	769.2	772.4	770.5
Nevada .....	666.2	669.6	674.9	679.1	683.7	688.6	696.5	697.9	702.9	706.1	709.5	711.1	709.7
New Hampshire .....	501.4	504.1	503.1	501.4	504.4	504.0	504.6	508.8	512.5	514.3	514.0	512.2	513.9
New Jersey .....	3,492.3	3,492.8	3,496.7	3,502.1	3,510.0	3,512.1	3,516.9	3,521.3	3,510.6	3,519.0	3,539.5	3,546.7	3,555.1
New Mexico .....	625.5	624.7	626.9	628.6	630.3	630.8	631.4	638.8	639.8	641.8	649.7	651.6	655.1
New York .....	7,733.0	7,752.9	7,743.5	7,737.9	7,748.4	7,759.7	7,764.7	7,775.7	7,779.1	7,793.5	7,796.4	7,812.4	7,805.2
North Carolina .....	3,243.9	3,262.9	3,270.8	3,270.7	3,279.0	3,287.0	3,294.4	3,293.5	3,295.9	3,313.3	3,319.3	3,326.6	3,328.1
North Dakota .....	264.1	265.7	266.0	267.2	266.9	267.1	267.6	267.4	268.8	291.1	291.2	291.2	290.4
Ohio .....	4,905.8	4,902.9	4,907.9	4,912.1	4,920.8	4,917.5	4,923.9	4,929.7	4,940.7	4,942.1	4,940.5	4,950.5	4,951.9
Oklahoma .....	1,243.9	1,248.5	1,246.8	1,241.8	1,240.6	1,241.8	1,241.3	1,249.0	1,247.6	1,247.9	1,256.1	1,259.4	1,261.9
Oregon .....	1,309.1	1,313.6	1,313.5	1,319.9	1,323.1	1,327.7	1,329.3	1,331.2	1,332.4	1,336.5	1,338.6	1,343.9	1,347.2
Pennsylvania .....	5,107.9	5,112.5	5,108.3	5,115.0	5,119.9	5,126.6	5,138.4	5,109.8	5,114.6	5,134.5	5,149.2	5,171.3	5,189.3
Rhode Island .....	430.0	431.5	431.8	431.8	431.6	431.6	432.0	430.7	430.6	430.5	432.3	434.4	438.8
South Carolina .....	1,571.3	1,578.4	1,579.2	1,578.6	1,579.3	1,581.6	1,583.8	1,589.8	1,593.1	1,591.7	1,591.8	1,593.7	1,597.0
South Dakota .....	313.8	314.1	316.4	316.8	318.0	318.5	318.6	323.2	324.4	325.5	326.4	327.4	328.7
Tennessee .....	2,323.1	2,331.5	2,336.8	2,342.1	2,353.4	2,358.0	2,365.5	2,362.1	2,370.6	2,372.1	2,377.3	2,387.6	2,392.4
Texas .....	7,453.9	7,510.5	7,532.8	7,550.3	7,561.9	7,578.1	7,594.4	7,589.3	7,601.9	7,622.9	7,660.2	7,675.6	7,706.9
Utah .....	801.7	806.4	809.6	813.3	818.8	825.0	831.7	839.9	842.9	847.1	848.7	850.5	855.5
Vermont .....	257.3	256.3	256.0	256.8	257.9	257.8	256.8	256.4	258.4	258.9	260.4	258.8	259.2
Virginia .....	2,913.1	2,930.8	2,932.0	2,938.4	2,945.1	2,952.9	2,960.2	2,958.4	2,968.1	2,988.2	2,995.7	3,001.8	3,003.6
Washington .....	2,251.0	2,254.6	2,254.2	2,266.5	2,264.2	2,268.2	2,269.1	2,270.1	2,275.1	2,277.7	2,275.4	2,281.1	2,292.2
West Virginia .....	648.7	644.3	651.9	655.7	657.8	659.5	666.9	663.2	665.1	665.6	667.7	677.4	671.6
Wisconsin .....	2,401.4	2,410.7	2,413.6	2,416.8	2,423.4	2,429.4	2,431.4	2,429.3	2,431.0	2,441.8	2,443.6	2,445.8	2,463.4
Wyoming .....	210.0	209.8	208.4	210.9	211.1	211.2	212.3	213.3	213.3	212.0	212.0	211.9	212.5

See footnotes at end of table.

**ESTABLISHMENT DATA  
STATE EMPLOYMENT  
SEASONALLY ADJUSTED**

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

(In thousands)

State	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>2</sup>
<b>Construction</b>													
Alabama .....	78.2	79.6	79.0	78.7	79.3	78.4	78.6	78.9	78.2	78.4	79.4	79.9	80.5
Alaska .....	11.2	11.6	11.7	11.7	11.8	11.7	11.9	12.4	13.1	13.0	12.9	13.0	12.4
Arizona .....	88.2	89.5	90.3	91.2	92.7	94.0	95.4	98.1	101.0	101.9	103.2	102.8	102.6
Arkansas .....	37.7	37.5	37.3	37.0	37.3	37.2	37.1	37.8	38.5	39.4	38.8	39.6	40.1
California .....	446.4	447.8	447.8	446.0	447.0	446.9	447.1	446.4	450.3	451.6	452.4	451.9	451.4
Colorado .....	85.5	84.9	85.2	85.2	85.4	85.3	86.7	87.0	85.0	84.3	83.6	83.4	84.7
Connecticut .....	46.4	46.3	45.9	45.9	45.7	46.3	47.3	47.9	49.1	47.9	46.9	46.2	45.9
Delaware .....	18.3	18.3	18.3	18.2	18.2	18.3	18.3	17.9	17.4	17.3	17.7	18.3	19.1
District of Columbia .....	8.3	8.5	8.6	8.5	8.4	8.5	8.6	8.2	8.1	8.4	8.3	8.5	8.7
Florida .....	285.2	286.9	288.2	289.2	291.1	292.1	294.2	295.1	295.2	296.5	300.1	300.5	299.1
Georgia .....	126.8	128.9	130.6	132.1	131.5	131.7	133.0	135.7	132.8	136.2	138.1	138.0	138.5
Hawaii <sup>2</sup> .....	32.4	32.2	32.0	31.8	32.0	31.7	31.0	30.7	30.3	29.7	30.0	29.3	28.8
Idaho .....	24.7	25.1	25.3	25.7	25.5	25.8	25.7	27.3	27.2	28.0	27.7	28.5	28.6
Illinois .....	199.5	198.1	198.1	198.6	200.8	200.0	201.7	196.2	197.1	201.1	199.1	202.3	202.6
Indiana .....	119.7	119.1	118.7	118.5	119.7	120.4	119.7	116.8	118.2	122.3	121.8	123.6	122.6
Iowa .....	46.5	46.3	46.8	49.2	49.6	51.1	50.5	49.4	49.3	50.4	50.7	51.2	50.3
Kansas .....	45.8	48.2	49.0	48.9	49.3	49.2	48.9	48.5	47.0	47.9	46.5	49.4	50.5
Kentucky .....	70.3	71.0	70.7	71.0	70.9	70.9	70.5	66.3	67.2	69.1	70.2	70.9	69.9
Louisiana .....	96.8	96.6	96.2	97.4	96.6	96.5	98.1	96.9	98.7	101.4	102.6	103.9	105.7
Maine .....	20.4	20.8	20.5	20.4	21.1	21.4	21.7	21.5	21.6	21.5	21.5	22.1	21.5
Maryland .....	119.2	120.3	120.0	119.7	120.4	121.0	121.6	118.9	117.8	117.3	118.0	118.0	119.3
Massachusetts .....	77.6	82.4	83.2	83.9	84.8	84.6	85.2	86.0	85.2	84.3	88.5	89.0	88.7
Michigan .....	131.3	135.9	134.3	134.6	134.2	134.6	133.9	132.7	134.2	138.2	137.0	136.8	139.2
Minnesota .....	77.8	79.0	78.5	78.7	80.5	81.3	81.8	82.2	82.4	82.6	82.1	81.9	81.2
Mississippi .....	38.9	38.9	39.9	41.0	42.1	41.6	41.7	41.1	39.8	40.7	41.5	42.5	42.1
Missouri .....	95.7	95.4	95.8	96.8	97.9	98.4	99.7	99.4	100.9	101.0	102.9	104.8	106.1
Montana .....	13.7	14.2	14.1	14.2	14.3	14.2	14.2	14.8	14.4	14.1	14.0	14.3	14.5
Nebraska .....	31.5	32.4	32.4	32.1	32.5	32.5	32.6	32.5	31.0	31.8	32.3	33.2	33.2
Nevada .....	48.3	47.5	47.7	47.8	47.8	47.2	47.1	48.1	48.0	48.8	48.7	48.4	48.4
New Hampshire .....	16.8	16.9	16.8	17.0	17.0	17.2	17.6	18.1	18.3	18.3	18.0	17.6	17.0
New Jersey .....	113.0	113.3	113.7	114.0	118.0	116.4	118.2	118.4	114.5	116.3	120.8	121.8	122.3
New Mexico .....	35.4	38.1	36.4	36.8	37.3	37.6	38.2	38.4	37.8	38.3	39.0	39.6	40.7
New York .....	239.5	239.0	238.7	239.4	240.6	240.0	240.3	244.0	242.4	244.1	245.8	244.9	244.9
North Carolina .....	153.1	155.0	155.9	156.0	156.2	156.5	157.4	159.0	156.1	160.6	161.5	163.0	162.0
North Dakota .....	11.7	11.6	11.6	11.7	12.0	12.0	12.2	12.4	12.5	13.3	13.5	12.9	13.0
Ohio .....	184.8	184.4	184.4	184.8	184.7	185.1	185.5	183.1	184.1	182.9	182.8	183.5	183.4
Oklahoma .....	42.6	42.3	42.2	42.1	42.2	42.4	42.3	43.6	42.5	41.9	43.1	43.8	44.4
Oregon .....	52.9	54.9	55.6	56.1	55.8	57.1	56.1	57.9	56.6	57.9	57.8	59.2	60.5
Pennsylvania .....	194.2	197.1	197.0	197.7	198.6	198.8	200.3	194.7	194.8	194.7	200.9	202.1	203.3
Rhode Island .....	12.5	12.4	12.2	12.2	12.0	11.8	11.2	10.7	10.4	10.3	10.8	11.6	12.4
South Carolina .....	81.8	83.2	82.5	82.3	81.9	82.0	81.8	81.9	81.4	81.9	83.0	82.5	81.7
South Dakota .....	13.3	13.2	13.0	12.9	13.2	13.1	13.2	13.1	13.3	13.8	13.9	14.0	13.7
Tennessee .....	94.7	95.0	94.9	95.9	97.3	97.6	98.2	97.1	96.1	95.9	95.7	96.8	96.8
Texas .....	350.4	353.3	352.5	352.4	354.7	355.3	356.5	358.5	361.1	364.8	366.0	365.9	366.5
Utah .....	38.5	38.8	39.3	39.9	40.8	41.9	43.1	43.6	44.5	45.3	46.1	46.8	46.8
Vermont .....	11.4	12.0	11.8	11.8	11.4	11.3	11.1	10.9	11.0	10.8	10.8	11.0	11.1
Virginia .....	151.6	153.2	154.0	154.7	155.4	155.8	156.5	156.6	156.0	158.2	159.1	159.5	159.5
Washington .....	116.7	118.4	119.0	120.1	120.9	121.3	120.9	122.0	121.8	123.0	121.9	123.9	125.4
West Virginia .....	31.2	31.9	32.7	32.9	33.7	34.3	33.9	31.8	32.2	32.9	33.8	34.2	34.4
Wisconsin .....	91.7	94.0	94.6	95.5	95.5	95.9	95.2	92.4	91.0	93.9	96.8	98.4	100.5
Wyoming .....	12.3	12.4	12.3	12.3	12.4	12.5	12.6	12.6	12.5	12.7	12.8	13.1	13.1

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>P</sup>
	<b>Manufacturing</b>												
Alabama .....	384.1	380.5	383.8	383.4	382.6	382.2	381.8	380.7	381.6	382.9	383.1	384.0	384.6
Alaska .....	16.5	17.4	16.9	17.2	17.3	16.5	16.5	15.4	18.4	17.5	16.0	14.5	15.5
Arizona .....	174.2	174.1	174.0	174.0	174.1	174.4	174.7	176.2	176.4	176.4	177.9	178.3	180.1
Arkansas .....	242.4	243.3	243.3	244.1	244.9	245.5	245.6	247.3	247.0	246.9	248.3	249.0	250.6
California .....	1,806.1	1,803.1	1,796.2	1,786.6	1,776.7	1,773.4	1,766.1	1,766.2	1,761.1	1,761.1	1,760.8	1,754.8	1,752.6
Colorado .....	188.6	188.1	188.4	187.9	186.1	187.7	188.8	188.7	188.9	188.8	190.3	191.0	191.0
Connecticut .....	293.4	293.3	291.6	291.9	290.9	289.0	287.9	287.2	285.1	285.9	284.7	286.2	285.2
Delaware .....	65.2	65.4	65.0	64.7	64.8	64.4	64.2	64.4	63.6	63.7	63.7	63.4	63.1
District of Columbia .....	13.8	13.8	13.9	13.8	13.9	13.9	14.0	14.1	14.2	14.1	14.2	14.1	14.0
Florida .....	483.8	484.7	484.3	483.8	483.5	482.6	482.7	480.7	480.6	481.4	482.8	482.8	482.1
Georgia .....	551.3	555.8	556.1	556.6	556.3	558.0	558.8	559.7	565.6	565.7	566.4	567.3	568.5
Hawaii .....	19.2	19.2	19.1	19.0	18.8	18.8	18.7	17.8	18.0	18.1	17.9	17.8	17.7
Idaho .....	69.2	69.4	69.6	69.4	70.0	70.6	70.8	71.1	71.4	72.7	72.8	72.2	72.6
Illinois .....	928.9	935.1	935.0	934.8	936.5	937.1	940.2	942.1	941.3	941.5	940.0	939.0	938.6
Indiana .....	638.3	637.6	638.3	638.5	638.7	640.6	642.0	644.1	647.8	647.2	649.7	650.0	649.8
Iowa .....	235.9	234.4	236.2	236.8	237.1	238.0	238.4	240.4	241.1	242.1	242.4	243.5	244.4
Kansas .....	182.7	182.4	182.2	182.0	181.5	181.2	181.2	181.9	182.0	182.2	182.1	182.6	182.2
Kentucky .....	292.0	292.3	293.0	293.0	292.7	293.3	292.8	293.3	293.2	294.1	295.2	296.1	297.7
Louisiana .....	183.7	185.7	186.5	186.3	186.7	186.5	186.7	186.3	186.4	187.2	187.8	186.7	185.9
Maine .....	90.9	91.0	91.1	90.9	91.6	91.8	91.8	91.2	92.4	92.7	92.5	92.8	92.7
Maryland .....	179.2	178.5	178.4	178.2	176.1	177.9	177.7	177.8	177.5	177.0	177.3	177.2	176.8
Massachusetts .....	454.9	453.1	451.3	450.3	449.8	447.6	448.1	445.7	445.5	445.5	446.8	447.3	447.7
Michigan .....	895.7	896.7	894.2	894.3	897.1	906.5	911.4	931.2	929.8	934.2	935.6	930.5	940.5
Minnesota .....	404.0	405.2	403.5	404.4	405.7	407.0	408.3	410.6	410.5	410.2	410.5	411.4	413.5
Mississippi .....	254.5	253.4	253.8	253.5	254.6	255.4	255.5	256.3	257.1	258.0	256.7	257.8	259.3
Missouri .....	411.8	410.4	410.5	410.6	412.1	412.8	412.8	411.4	412.1	412.4	412.3	410.4	409.8
Montana .....	22.9	23.1	23.0	23.0	23.1	22.7	22.7	22.9	23.0	23.0	22.6	22.6	22.4
Nebraska .....	102.8	103.0	103.3	104.0	104.0	104.1	104.0	103.9	104.2	104.0	104.1	104.0	104.3
Nevada .....	29.2	29.9	30.2	30.5	30.4	30.4	30.5	30.6	30.8	31.0	31.6	31.8	31.8
New Hampshire .....	96.8	97.7	96.9	96.6	96.7	97.1	97.1	97.1	97.9	96.1	96.1	98.1	98.4
New Jersey .....	516.3	516.2	515.0	515.1	513.9	512.9	512.6	514.9	511.0	509.7	510.4	509.7	509.5
New Mexico .....	42.7	42.2	42.8	43.3	43.4	43.5	43.4	43.4	43.6	43.4	44.0	43.8	43.9
New York .....	976.4	982.8	978.9	975.9	973.7	972.5	971.4	965.5	965.0	961.8	960.0	958.3	954.5
North Carolina .....	847.3	849.6	846.3	847.1	847.5	849.1	847.9	847.7	847.6	851.9	851.1	850.4	849.6
North Dakota .....	19.4	19.6	19.6	19.6	19.5	19.6	19.7	19.8	20.1	20.5	20.9	20.9	21.0
Ohio .....	1,045.9	1,048.5	1,046.9	1,046.7	1,044.6	1,046.0	1,047.4	1,050.3	1,052.9	1,053.0	1,052.5	1,052.6	1,054.3
Oklahoma .....	167.5	168.5	168.3	168.3	169.1	169.4	169.7	170.1	168.5	169.1	169.2	169.4	170.7
Oregon .....	209.9	209.5	209.6	211.3	212.9	212.5	214.1	214.8	216.1	216.5	216.6	215.8	216.2
Pennsylvania .....	940.1	940.5	936.3	936.1	935.0	934.8	935.7	936.1	935.4	936.8	934.3	936.0	936.9
Rhode Island .....	88.2	86.5	87.1	86.6	86.7	86.3	86.4	86.7	86.7	86.5	86.5	86.3	86.3
South Carolina .....	375.1	374.4	374.4	373.9	372.2	371.5	371.8	371.7	374.4	372.3	371.7	370.8	371.3
South Dakota .....	39.7	39.7	40.3	40.2	40.7	41.2	41.3	41.8	41.9	42.4	42.4	42.5	43.1
Tennessee .....	527.5	529.4	530.5	530.8	531.5	532.9	534.4	534.8	537.6	537.5	539.0	537.9	540.7
Texas .....	985.7	988.3	987.5	992.6	994.0	995.3	997.0	994.5	995.6	997.6	1,000.1	1,000.5	1,000.8
Utah .....	107.7	108.3	108.5	109.2	109.9	110.8	111.6	114.2	114.2	115.0	115.2	115.4	115.7
Vermont .....	43.7	43.4	43.2	43.3	43.3	43.3	43.6	43.2	43.2	43.1	42.8	42.7	42.7
Virginia .....	405.7	406.5	405.6	405.2	405.9	406.5	405.2	406.4	403.3	401.9	399.6	401.6	400.6
Washington .....	340.9	340.1	338.5	338.6	338.5	337.0	335.2	335.6	333.9	333.8	332.5	331.8	332.9
West Virginia .....	82.9	82.7	82.7	82.7	82.5	82.8	82.6	81.5	81.3	81.3	81.4	81.4	81.2
Wisconsin .....	556.7	559.5	559.7	559.1	561.1	562.3	563.2	566.0	566.5	567.9	568.2	568.5	573.0
Wyoming .....	9.4	9.5	9.5	9.5	9.5	9.4	9.4	9.6	9.8	9.9	9.9	9.9	9.7

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						
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>P</sup>
<b>Transportation and public utilities</b>													
Alabama .....	84.9	85.1	85.0	85.2	85.3	85.5	85.2	85.0	84.9	85.1	85.2	85.0	85.1
Alaska .....	22.9	22.9	22.9	22.9	22.8	22.8	22.9	23.0	23.2	23.4	23.1	23.4	23.0
Arizona .....	78.0	77.7	77.2	77.9	77.5	76.9	76.6	78.6	78.6	78.5	78.7	79.3	79.4
Arkansas .....	56.8	57.2	57.2	57.2	56.9	56.8	57.1	56.3	56.4	56.6	56.1	56.8	57.0
California .....	602.5	602.2	600.8	600.6	600.1	597.5	597.9	600.1	599.3	598.9	591.8	594.3	593.1
Colorado .....	103.8	104.4	104.8	104.5	104.0	104.7	104.9	104.2	105.1	105.0	103.1	103.5	103.4
Connecticut .....	68.8	69.5	69.7	69.5	69.4	69.3	69.3	69.2	69.3	68.4	69.5	68.9	68.8
Delaware .....	14.8	14.8	14.6	14.9	15.0	15.1	14.9	14.8	15.1	14.9	15.0	15.2	15.2
District of Columbia .....	21.6	21.3	21.2	21.1	21.1	20.8	20.8	20.8	20.7	20.8	20.9	21.2	21.1
Florida .....	286.9	285.9	284.9	285.2	285.7	287.0	289.9	283.7	285.0	286.4	286.4	288.1	287.3
Georgia .....	201.9	201.7	202.0	203.6	203.1	203.4	202.9	203.6	205.4	206.2	203.5	207.7	206.2
Hawaii .....	41.2	41.3	41.0	40.9	40.6	40.1	39.8	39.9	39.8	40.1	40.3	40.1	39.7
Idaho .....	20.8	20.7	20.7	20.8	21.1	21.4	21.4	21.1	21.0	21.1	21.3	21.4	21.3
Illinois .....	310.1	309.2	309.6	312.0	311.2	312.2	313.8	312.1	313.2	312.6	306.1	311.3	311.8
Indiana .....	132.8	133.1	133.7	133.9	134.7	135.0	135.0	135.3	135.3	135.7	132.9	135.8	136.5
Iowa .....	56.7	57.0	57.0	57.2	57.0	56.9	56.9	56.8	56.9	57.2	57.3	57.4	57.5
Kansas .....	65.7	66.6	66.8	67.0	67.1	67.3	67.7	68.0	68.3	68.1	68.2	68.7	68.9
Kentucky .....	82.5	82.3	81.8	82.4	82.4	82.6	82.5	81.8	82.9	82.9	83.1	83.7	84.2
Louisiana .....	105.0	105.4	105.5	105.1	105.8	105.7	106.3	105.7	106.1	106.8	106.6	107.2	107.3
Maine .....	22.1	22.0	22.1	22.1	21.6	21.8	21.9	21.4	21.5	21.3	20.9	21.0	21.5
Maryland .....	98.1	98.5	98.3	98.6	98.3	97.9	98.1	98.9	97.7	97.3	97.0	97.6	97.1
Massachusetts .....	123.0	124.4	124.4	125.0	125.8	124.9	125.3	126.7	127.3	127.9	127.0	127.5	127.2
Michigan .....	156.5	156.1	155.4	155.6	156.1	156.3	156.4	158.8	158.8	159.1	154.1	160.5	160.3
Minnesota .....	109.1	109.3	108.8	106.6	109.0	109.9	110.1	110.0	110.2	109.9	108.5	109.3	109.8
Mississippi .....	46.1	46.1	45.8	45.8	46.0	45.3	45.2	44.6	44.7	44.9	43.7	45.2	45.5
Missouri .....	152.7	153.1	153.3	155.1	154.5	154.5	154.7	154.5	154.6	154.8	151.7	155.0	154.4
Montana .....	20.3	20.2	20.1	20.2	20.2	20.3	20.4	20.0	20.2	20.2	20.2	20.4	20.4
Nebraska .....	47.2	47.1	46.9	47.1	47.0	47.2	47.4	47.2	47.4	47.8	47.0	47.2	46.9
Nevada .....	34.8	35.1	35.3	35.6	35.8	35.9	35.9	36.0	36.0	36.3	36.4	36.5	36.8
New Hampshire .....	18.1	18.1	18.0	18.0	17.9	17.9	18.0	18.1	18.2	18.2	17.9	18.2	18.4
New Jersey .....	236.4	236.0	236.0	235.2	234.4	235.1	235.1	237.7	238.0	238.7	236.9	238.7	238.9
New Mexico .....	29.1	29.1	29.0	28.9	28.9	28.9	28.9	29.4	29.7	29.9	30.0	30.1	29.5
New York .....	400.8	400.7	399.9	399.1	400.4	401.4	402.4	404.2	406.0	406.4	402.7	405.8	404.8
North Carolina .....	157.7	157.1	156.9	156.5	156.6	156.8	156.7	155.8	156.3	157.1	155.7	155.7	156.0
North Dakota .....	18.0	18.1	18.0	18.1	18.1	18.2	18.2	18.3	18.4	18.4	18.3	18.3	18.0
Ohio .....	215.2	214.4	214.1	213.1	213.2	212.9	212.7	212.5	212.5	212.0	203.8	212.5	212.5
Oklahoma .....	71.9	72.0	71.8	71.6	71.2	70.9	70.9	71.3	71.6	71.8	71.8	72.0	71.8
Oregon .....	66.2	66.0	65.8	65.9	66.0	66.2	66.4	66.0	66.1	66.4	65.0	66.2	66.8
Pennsylvania .....	268.2	264.8	263.7	266.3	267.1	267.2	266.9	269.2	266.6	269.4	262.8	271.5	270.7
Rhode Island .....	14.1	14.2	14.0	14.5	14.3	14.5	14.7	14.5	14.6	14.5	14.5	14.6	14.7
South Carolina .....	66.8	66.0	66.1	66.4	66.5	66.6	66.7	66.2	66.8	67.0	66.5	67.7	67.8
South Dakota .....	14.7	14.8	14.9	14.7	14.6	14.6	14.6	14.9	14.9	14.9	15.1	15.0	15.1
Tennessee .....	126.6	126.8	127.4	127.8	126.7	126.3	126.1	127.1	128.5	128.9	124.1	129.7	129.4
Texas .....	438.5	436.0	436.5	438.7	439.4	441.6	443.3	443.5	445.0	444.9	444.5	445.8	446.2
Utah .....	45.8	46.1	46.4	47.2	47.4	47.7	48.1	49.2	49.3	49.8	48.2	48.5	46.8
Vermont .....	11.3	11.2	11.1	11.0	11.0	11.0	10.9	10.9	11.0	10.9	11.0	10.9	10.9
Virginia .....	149.2	149.6	149.8	150.1	150.7	151.4	151.5	150.9	151.4	152.8	151.3	153.3	151.8
Washington .....	114.3	114.5	114.3	115.5	114.6	114.3	115.4	115.1	114.6	117.0	115.2	117.3	117.7
West Virginia .....	38.5	38.7	38.8	38.6	38.7	38.6	39.0	39.2	39.7	39.3	39.0	39.2	39.4
Wisconsin .....	114.0	113.3	112.9	113.6	113.8	113.9	114.4	114.0	114.2	114.4	111.2	110.8	114.1
Wyoming .....	14.5	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.7	14.6	14.5	14.4	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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>a</sup>
	Wholesale and retail trade												
Alabama .....	375.4	376.8	376.9	377.8	379.3	380.0	381.5	380.6	382.3	383.7	384.7	384.4	385.6
Alaska .....	48.2	49.1	49.5	49.6	49.4	50.2	50.4	49.9	49.7	50.6	51.3	51.1	51.0
Arizona .....	385.5	386.3	387.4	389.0	389.6	390.1	389.9	389.3	390.2	394.4	397.8	398.4	400.9
Arkansas .....	218.9	220.2	221.1	221.1	221.4	222.2	221.7	221.2	222.2	223.6	223.6	224.5	224.6
California .....	2,789.2	2,767.5	2,780.1	2,775.9	2,768.8	2,765.4	2,765.3	2,769.4	2,768.3	2,768.6	2,768.4	2,765.2	2,759.9
Colorado .....	402.6	405.6	406.3	406.8	408.2	409.9	411.3	413.1	415.9	417.7	420.3	421.0	424.3
Connecticut .....	329.9	329.8	328.2	326.5	327.0	324.9	322.6	328.1	326.2	325.1	326.6	327.1	325.7
Delaware .....	75.5	76.2	76.2	76.3	76.0	76.0	76.2	76.7	76.3	76.7	77.8	79.1	79.7
District of Columbia .....	52.3	52.7	52.7	52.7	52.6	52.2	51.9	52.1	51.8	52.1	51.6	52.0	52.2
Florida .....	1,450.4	1,452.8	1,457.6	1,462.4	1,464.8	1,468.3	1,472.8	1,463.8	1,477.3	1,479.2	1,484.9	1,487.0	1,491.2
Georgia .....	768.0	778.5	780.8	782.7	784.6	786.5	767.2	787.2	794.2	795.7	796.9	797.3	800.1
Hawaii .....	133.6	133.8	132.7	132.6	132.6	132.3	132.2	131.7	130.7	130.4	130.3	129.4	128.9
Idaho .....	108.9	109.9	109.8	110.4	112.2	112.9	112.8	113.2	113.7	114.6	115.9	116.0	116.6
Illinois .....	1,242.7	1,243.7	1,245.7	1,246.3	1,250.8	1,253.2	1,254.5	1,251.9	1,264.6	1,263.6	1,271.1	1,273.7	1,277.9
Indiana .....	605.8	605.8	605.9	605.6	613.7	618.3	618.8	614.3	615.4	615.7	616.3	615.9	613.8
Iowa .....	321.0	321.1	321.2	321.4	322.3	322.4	322.8	321.7	322.3	321.5	323.9	324.8	326.2
Kansas .....	273.3	274.7	275.0	276.0	276.1	276.7	277.0	276.2	277.2	278.3	277.1	278.2	278.4
Kentucky .....	360.5	361.0	361.7	361.5	361.4	361.2	360.8	359.5	363.5	364.9	365.5	367.0	369.1
Louisiana .....	380.7	382.4	382.3	382.0	380.4	381.3	382.4	379.7	382.6	386.8	388.2	389.5	390.8
Maine .....	130.0	130.2	130.5	131.3	131.3	130.9	130.1	129.7	129.6	129.4	132.1	133.3	134.3
Maryland .....	500.6	500.9	499.9	498.9	498.3	497.8	497.9	500.8	499.2	500.3	502.2	503.0	502.7
Massachusetts .....	643.7	649.2	650.1	648.9	649.7	650.5	648.1	656.2	655.3	659.9	663.9	668.7	671.0
Michigan .....	931.8	937.2	936.4	936.2	936.6	939.9	941.6	937.7	945.8	952.0	957.5	960.0	967.2
Minnesota .....	537.1	534.5	535.0	535.4	538.3	540.9	540.8	544.7	548.0	549.0	551.5	548.3	548.2
Mississippi .....	209.5	209.7	210.1	210.7	211.1	211.4	211.5	211.9	212.8	215.0	216.6	217.1	217.4
Missouri .....	570.2	570.9	572.9	574.1	574.2	574.3	575.1	572.5	574.9	575.3	581.5	582.4	580.9
Montana .....	67.3	68.1	68.4	68.3	68.4	68.4	68.6	69.0	69.2	69.0	68.8	69.0	69.4
Nebraska .....	192.7	194.9	195.6	193.7	193.8	194.1	194.0	194.3	194.2	193.5	193.6	193.4	194.1
Nevada .....	132.4	133.0	134.1	135.0	135.4	136.0	136.9	137.0	137.9	138.4	139.3	140.1	140.8
New Hampshire .....	129.1	129.8	128.7	129.1	129.2	129.0	129.3	129.9	130.2	130.9	131.9	130.8	132.1
New Jersey .....	817.3	815.6	814.8	815.9	818.5	818.0	819.4	823.4	819.0	822.3	827.5	828.8	830.2
New Mexico .....	146.8	147.4	148.1	147.8	148.3	148.3	148.3	150.4	150.7	151.2	153.4	153.7	154.2
New York .....	1,567.2	1,553.8	1,554.3	1,551.6	1,551.7	1,553.1	1,555.7	1,567.2	1,566.4	1,571.2	1,570.5	1,572.4	1,572.4
North Carolina .....	731.0	735.8	737.1	736.8	737.6	737.8	740.6	736.3	736.8	743.1	743.6	745.2	744.0
North Dakota .....	74.7	74.9	75.0	75.1	75.3	75.2	75.3	74.9	75.2	75.6	75.4	75.1	75.1
Ohio .....	1,171.5	1,174.2	1,174.4	1,174.8	1,174.8	1,174.8	1,175.3	1,178.0	1,180.8	1,181.7	1,182.3	1,185.4	1,183.2
Oklahoma .....	287.7	290.4	289.6	289.6	289.9	289.9	289.5	290.8	292.5	291.4	293.2	292.7	293.0
Oregon .....	326.8	329.5	327.9	329.2	330.0	330.4	330.8	330.4	330.7	331.9	334.6	335.0	335.8
Pennsylvania .....	1,147.8	1,150.7	1,149.6	1,148.0	1,148.8	1,150.3	1,153.2	1,146.3	1,149.4	1,155.7	1,157.6	1,160.4	1,166.7
Rhode Island .....	93.2	94.4	94.6	95.8	95.1	94.9	95.1	94.3	94.8	94.4	94.6	95.2	96.1
South Carolina .....	349.3	352.5	352.8	352.7	353.9	355.3	356.4	357.1	358.8	358.1	357.9	358.3	357.6
South Dakota .....	80.3	80.8	81.4	81.6	81.3	81.3	81.2	82.4	82.8	82.6	83.0	83.3	83.2
Tennessee .....	532.8	534.8	535.5	537.5	541.0	541.7	543.7	542.3	545.5	546.1	550.5	552.0	552.8
Texas .....	1,801.5	1,810.1	1,817.4	1,822.5	1,827.1	1,833.0	1,844.9	1,834.7	1,842.6	1,848.6	1,855.5	1,862.5	1,866.8
Utah .....	191.6	192.4	192.9	193.6	194.8	196.2	197.1	198.2	198.5	199.9	199.5	199.9	202.2
Vermont .....	60.2	60.5	60.5	60.6	60.5	60.1	60.8	60.9	61.1	61.4	61.5	61.3	61.9
Virginia .....	648.3	651.7	651.3	651.4	652.6	653.0	655.0	658.9	663.1	668.7	672.7	675.4	674.7
Washington .....	544.4	546.4	545.5	547.6	549.4	549.4	550.7	549.1	552.4	551.9	551.0	551.5	554.0
West Virginia .....	148.2	149.0	149.7	149.8	150.5	151.3	152.3	152.1	152.3	152.4	153.6	154.1	154.0
Wisconsin .....	552.6	552.8	553.7	554.1	556.2	558.9	558.7	554.2	556.6	557.2	558.1	559.5	560.4
Wyoming .....	48.2	46.1	48.3	48.4	48.2	48.2	48.4	48.5	48.6	48.3	48.3	48.0	48.9

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June*
	Finance, insurance, and real estate												
Alabama .....	75.8	75.5	75.8	75.8	76.0	76.1	76.5	76.9	77.1	77.2	77.3	77.0	77.1
Alaska .....	11.0	11.3	11.3	11.3	11.4	11.3	11.4	11.4	11.4	11.3	11.5	11.4	11.4
Arizona .....	99.8	99.9	100.2	100.5	100.8	101.1	101.3	101.3	101.1	101.3	101.5	101.7	102.6
Arkansas .....	39.9	40.4	40.5	40.7	40.8	40.9	41.0	40.9	41.2	41.4	41.2	41.4	41.5
California .....	788.0	787.6	786.4	785.1	783.2	782.2	780.7	782.4	780.9	780.5	778.5	774.8	771.4
Colorado .....	105.4	106.6	106.9	107.2	107.7	108.2	108.7	108.4	108.6	108.8	109.5	109.1	109.5
Connecticut .....	139.5	139.0	138.7	138.9	139.1	138.7	138.3	138.4	137.8	136.8	136.1	137.3	136.8
Delaware .....	34.5	35.1	35.2	35.4	35.5	35.8	35.9	36.0	36.2	36.4	36.7	36.7	36.9
District of Columbia .....	31.7	31.2	31.2	30.7	30.6	30.3	30.0	30.0	29.6	29.3	29.5	29.9	30.1
Florida .....	355.0	356.4	358.1	358.4	359.9	361.0	361.7	362.8	363.5	364.5	364.2	365.2	365.7
Georgia .....	165.4	167.2	167.0	167.1	167.4	167.2	167.6	166.6	167.1	167.5	167.4	167.8	168.1
Hawaii .....	38.9	39.3	39.4	39.4	39.6	39.4	39.4	39.6	39.5	39.5	39.6	39.6	39.6
Idaho .....	22.6	22.7	22.7	23.0	23.1	23.3	23.3	23.4	23.4	23.8	24.1	24.0	24.1
Illinois .....	380.6	383.2	383.9	384.4	384.8	385.5	386.0	385.4	385.5	384.9	385.3	386.3	384.9
Indiana .....	128.5	128.4	128.5	128.7	129.0	129.3	129.5	129.4	129.4	129.6	129.8	129.9	129.3
Iowa .....	73.9	74.2	74.3	74.6	74.8	75.0	75.5	75.2	75.1	75.4	75.7	75.9	75.7
Kansas .....	57.7	58.4	58.6	58.5	58.4	58.6	58.6	58.4	58.5	58.6	58.8	59.0	59.4
Kentucky .....	63.0	63.0	63.0	62.7	63.0	63.4	63.2	63.0	62.8	62.9	62.9	62.5	62.8
Louisiana .....	77.5	78.1	78.0	77.9	78.1	77.9	77.9	77.8	77.8	78.1	78.6	78.7	79.3
Maine .....	25.7	25.7	25.9	25.8	25.9	26.1	26.0	25.9	25.9	26.0	26.1	25.9	25.8
Maryland .....	128.7	129.5	129.5	129.8	129.9	130.0	130.0	130.6	130.4	130.1	130.2	129.6	128.9
Massachusetts .....	199.0	200.5	200.4	200.3	200.6	200.5	200.6	201.4	201.4	201.6	202.3	202.2	202.9
Michigan .....	192.5	193.4	193.4	193.1	189.5	193.3	193.5	192.5	192.6	193.6	194.8	195.5	196.6
Minnesota .....	135.7	135.6	136.2	136.9	137.7	138.4	139.1	139.3	139.7	140.0	139.6	139.3	138.7
Mississippi .....	38.8	38.7	38.8	38.9	38.9	38.9	38.9	38.7	39.2	39.4	39.5	39.1	39.1
Missouri .....	140.8	141.4	141.6	141.9	142.3	142.3	143.1	141.2	141.3	141.9	143.0	143.2	143.5
Montana .....	14.8	15.0	14.8	15.0	15.0	14.9	15.0	15.1	15.1	15.2	15.1	15.2	15.1
Nebraska .....	50.4	50.5	50.5	50.6	50.5	50.7	50.6	50.5	50.8	50.6	50.7	50.5	50.7
Nevada .....	30.8	31.0	31.3	31.5	31.7	31.8	31.9	32.1	32.1	32.1	32.1	32.1	31.9
New Hampshire .....	29.7	30.0	29.9	29.8	29.9	29.9	29.9	30.1	30.1	30.1	29.8	29.8	29.5
New Jersey .....	228.0	227.7	229.1	229.7	230.3	230.7	230.6	230.5	231.1	230.9	231.0	231.1	232.8
New Mexico .....	27.6	27.7	27.7	27.8	27.8	27.7	27.8	28.1	28.2	28.3	28.9	29.0	29.0
New York .....	728.4	727.8	726.7	728.4	729.2	728.7	728.7	727.4	728.6	729.5	730.3	730.9	733.2
North Carolina .....	137.8	138.7	139.0	139.9	141.0	141.1	141.7	141.9	142.2	142.9	143.8	144.7	145.1
North Dakota .....	13.5	13.5	13.6	13.8	13.6	13.6	13.7	13.7	13.8	13.8	13.8	13.8	13.8
Ohio .....	259.4	259.4	259.2	259.2	259.3	259.6	260.1	260.5	260.4	260.6	260.9	260.9	260.7
Oklahoma .....	61.6	61.6	61.6	61.5	61.3	61.3	61.1	61.2	61.3	61.6	61.8	61.9	61.6
Oregon .....	91.0	92.1	92.5	93.0	93.5	93.8	93.9	94.4	94.7	95.4	95.9	96.5	96.5
Pennsylvania .....	302.8	303.5	303.7	304.1	304.0	304.7	304.6	303.1	304.3	304.5	305.9	307.2	307.0
Rhode Island .....	25.3	25.4	25.3	25.4	25.3	25.3	25.2	25.3	25.4	25.2	25.4	25.2	25.1
South Carolina .....	66.0	66.9	66.1	66.1	66.2	66.3	66.3	66.2	66.5	66.3	66.3	66.4	66.4
South Dakota .....	17.7	17.9	17.9	17.9	17.9	18.0	17.9	18.0	18.1	18.2	18.2	18.2	18.3
Tennessee .....	103.8	104.3	104.2	104.2	104.9	105.1	105.4	105.2	105.3	105.3	105.6	105.6	106.1
Texas .....	425.7	428.6	429.5	430.5	431.8	433.8	435.5	434.2	434.4	436.9	438.6	438.8	439.1
Utah .....	39.6	39.8	40.4	41.0	41.6	41.8	42.5	44.2	44.8	45.0	45.9	46.2	46.3
Vermont .....	12.1	12.1	12.1	12.1	12.2	12.2	12.3	12.2	12.1	12.0	12.0	12.0	11.9
Virginia .....	155.8	157.1	157.9	158.3	159.2	160.1	160.8	160.0	160.9	161.2	162.2	162.9	162.4
Washington .....	120.8	121.3	121.3	121.7	121.9	122.3	122.7	123.2	122.9	122.3	122.1	121.8	121.6
West Virginia .....	25.0	25.1	25.1	25.2	25.1	25.1	25.1	25.0	25.0	25.1	25.0	25.0	25.1
Wisconsin .....	130.1	130.6	130.9	131.4	132.0	132.4	132.7	132.6	132.4	132.7	132.6	132.9	133.2
Wyoming .....	7.7	7.7	7.7	7.8	7.7	7.7	7.8	7.9	7.9	7.8	7.8	7.7	7.7

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>a</sup>
<b>Services</b>													
Alabama .....	363.0	364.7	364.4	365.1	366.6	365.4	365.1	365.3	368.5	368.8	370.1	368.4	370.5
Alaska .....	57.3	57.2	57.0	57.1	56.7	57.0	57.2	57.5	57.8	57.8	57.6	58.4	58.7
Arizona .....	449.8	450.2	451.5	454.2	454.7	455.5	456.6	455.9	458.8	463.8	466.6	466.9	469.4
Arkansas .....	219.8	220.2	220.6	221.3	222.2	222.2	220.9	223.9	224.8	225.1	225.5	226.7	227.7
California .....	3,467.0	3,473.0	3,466.6	3,466.1	3,465.4	3,465.3	3,469.6	3,469.6	3,480.2	3,478.8	3,467.0	3,490.8	3,489.8
Colorado .....	466.4	471.4	472.4	473.0	474.1	474.2	475.7	477.7	482.4	482.8	483.7	485.5	485.5
Connecticut .....	442.4	444.4	445.5	447.8	447.8	447.3	447.6	453.2	450.8	451.9	453.0	456.8	456.0
Delaware .....	89.1	90.3	90.3	90.7	90.6	91.0	91.3	90.7	91.4	92.1	94.1	93.9	94.6
District of Columbia .....	251.4	254.1	254.1	254.5	258.4	256.6	256.8	255.4	256.5	256.4	256.1	256.5	257.4
Florida .....	1,814.8	1,825.8	1,835.1	1,842.4	1,850.5	1,858.5	1,866.7	1,869.8	1,879.3	1,889.5	1,898.9	1,907.2	1,918.6
Georgia .....	722.4	732.7	737.0	742.5	750.7	753.6	757.1	758.2	767.9	774.3	782.9	786.6	794.4
Hawaii .....	164.4	164.6	163.8	163.3	164.2	163.5	163.4	163.9	163.2	163.2	163.3	163.6	163.9
Idaho .....	96.9	97.8	98.4	98.9	99.7	99.7	100.1	100.9	101.8	101.5	101.8	102.6	102.7
Illinois .....	1,461.0	1,481.3	1,485.2	1,485.9	1,483.7	1,484.6	1,489.2	1,479.7	1,481.2	1,481.9	1,467.7	1,490.3	1,494.7
Indiana .....	557.1	560.0	560.8	560.1	561.2	563.1	564.0	569.2	568.6	582.1	583.4	576.1	575.1
Iowa .....	318.5	318.6	320.0	319.6	319.8	320.8	321.5	322.8	323.3	323.7	325.0	325.7	327.1
Kansas .....	269.4	270.3	271.1	272.0	273.2	273.4	274.9	276.8	276.4	277.0	277.7	278.0	279.6
Kentucky .....	363.3	362.5	363.8	365.1	366.1	366.6	366.5	364.6	365.6	367.9	368.0	367.5	368.6
Louisiana .....	407.0	408.6	410.2	410.4	408.9	409.9	411.1	410.3	415.3	418.0	421.3	424.5	424.8
Maine .....	134.6	133.3	134.1	135.2	136.3	136.5	136.7	135.8	136.4	136.6	137.6	138.7	138.3
Maryland .....	654.2	659.3	658.0	660.9	665.4	664.7	665.2	664.2	662.7	663.3	669.9	671.2	672.2
Massachusetts .....	947.4	958.0	960.6	966.6	968.2	972.1	974.0	987.5	987.6	990.8	997.3	997.5	1,002.2
Michigan .....	1,012.7	1,020.9	1,023.3	1,026.0	1,027.1	1,027.0	1,027.5	1,029.8	1,036.3	1,040.0	1,050.2	1,054.5	1,067.0
Minnesota .....	613.6	616.2	618.0	619.1	621.3	623.4	626.6	629.3	631.0	633.3	636.4	636.4	642.3
Mississippi .....	195.7	199.3	200.6	199.3	199.5	200.8	200.0	204.3	207.1	207.1	209.5	211.1	215.5
Missouri .....	645.2	648.5	652.3	654.3	654.3	655.1	658.7	657.5	660.3	664.5	675.2	677.2	678.1
Montana .....	87.0	89.2	89.4	89.1	88.9	89.0	89.4	89.6	89.9	90.6	90.0	90.7	90.6
Nebraska .....	188.4	188.3	188.2	189.2	189.1	188.5	188.3	189.1	188.8	188.2	190.6	190.6	191.5
Nevada .....	289.4	292.4	294.6	297.2	301.1	305.5	311.7	312.2	315.5	315.7	316.8	317.1	317.3
New Hampshire .....	136.9	138.7	139.0	138.6	138.7	138.5	138.2	140.1	140.9	141.6	142.9	143.0	143.4
New Jersey .....	1,014.6	1,019.4	1,021.9	1,024.0	1,026.8	1,028.2	1,030.1	1,031.2	1,033.8	1,036.7	1,046.2	1,047.9	1,051.2
New Mexico .....	167.7	168.2	168.0	168.1	169.0	168.8	168.9	172.6	173.1	173.3	175.5	176.3	176.0
New York .....	2,405.4	2,413.3	2,416.7	2,418.7	2,427.3	2,435.9	2,440.9	2,444.6	2,449.8	2,458.0	2,464.3	2,473.1	2,476.3
North Carolina .....	689.5	693.0	694.9	697.0	700.2	703.2	707.5	709.5	711.9	717.9	719.2	723.3	726.0
North Dakota .....	76.6	77.0	77.1	77.4	77.9	78.2	77.9	77.8	77.9	79.1	79.1	79.8	79.4
Ohio .....	1,278.2	1,277.6	1,277.5	1,281.4	1,285.5	1,286.5	1,289.9	1,292.9	1,296.0	1,296.9	1,299.4	1,300.0	1,297.7
Oklahoma .....	304.5	307.1	306.7	305.6	304.6	304.3	304.4	307.0	307.0	307.3	310.6	312.7	313.8
Oregon .....	327.1	327.7	328.5	330.6	331.0	333.1	333.3	332.2	332.9	334.1	334.1	335.1	336.3
Pennsylvania .....	1,523.9	1,525.0	1,528.3	1,532.4	1,536.0	1,539.0	1,540.5	1,530.1	1,533.3	1,541.7	1,553.1	1,560.4	1,559.6
Rhode Island .....	135.3	137.1	136.9	136.8	137.1	137.3	136.8	137.4	136.8	138.1	138.6	139.4	142.2
South Carolina .....	332.0	336.0	336.8	337.5	339.0	340.2	341.3	345.3	344.6	344.4	344.4	345.9	347.2
South Dakota .....	79.9	79.8	79.8	79.3	80.6	80.9	81.0	83.3	83.6	83.9	84.0	84.5	84.7
Tennessee .....	572.2	575.0	577.0	578.9	581.8	583.1	585.9	585.7	587.5	587.7	591.4	594.2	593.1
Texas .....	1,920.2	1,944.4	1,948.7	1,950.9	1,953.1	1,954.4	1,954.8	1,948.9	1,966.8	1,976.3	1,998.3	2,004.0	2,029.7
Utah .....	210.7	213.0	213.4	213.9	215.6	217.3	218.9	221.2	221.9	222.7	223.7	223.5	225.2
Vermont .....	73.9	74.0	74.2	74.6	75.2	75.7	74.2	74.2	75.3	75.8	77.5	75.3	75.4
Virginia .....	793.7	799.5	802.1	806.5	809.4	813.2	817.2	816.7	822.9	829.5	834.0	834.0	838.0
Washington .....	580.5	580.8	583.6	585.2	586.0	587.3	589.3	588.3	589.2	593.6	594.2	596.7	600.0
West Virginia .....	165.9	166.8	167.4	168.0	169.5	169.4	170.0	170.1	170.9	171.2	172.3	174.0	174.4
Wisconsin .....	593.5	598.4	598.8	600.4	601.3	602.0	602.4	604.9	607.9	610.3	611.7	611.5	616.5
Wyoming .....	42.9	42.9	42.9	43.1	43.1	43.2	43.5	43.8	43.8	43.7	44.0	43.5	43.7

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>2</sup>
<b>Government</b>													
Alabama .....	342.0	338.8	340.0	341.2	342.4	343.1	343.0	344.3	343.5	343.9	345.0	343.8	350.2
Alaska .....	74.4	73.8	74.4	74.2	74.8	74.5	75.1	75.8	74.9	74.9	74.8	74.4	74.4
Arizona .....	289.4	289.7	289.9	290.1	285.8	287.6	287.1	286.3	286.5	287.3	286.3	287.4	292.4
Arkansas .....	169.7	171.0	171.4	168.8	168.8	169.3	169.1	169.4	169.4	169.4	169.4	170.7	171.0
California .....	2,076.8	2,076.5	2,078.1	2,075.2	2,075.6	2,078.6	2,079.4	2,079.8	2,084.1	2,083.0	2,084.0	2,089.4	2,088.8
Colorado .....	295.6	299.7	298.4	297.5	297.6	297.9	298.8	297.9	298.7	298.8	300.6	298.5	297.7
Connecticut .....	203.9	205.3	204.8	207.3	207.7	208.7	208.8	207.3	209.0	208.8	210.5	210.2	209.3
Delaware .....	49.7	48.9	49.1	50.3	49.4	49.6	49.9	49.4	49.5	49.4	49.4	50.2	49.9
District of Columbia .....	287.7	289.3	285.8	286.0	284.9	285.7	284.8	285.1	284.0	283.0	282.6	281.1	278.8
Florida .....	880.2	883.7	883.4	884.6	887.0	889.3	894.1	895.8	898.3	897.9	907.1	901.9	908.8
Georgia .....	544.1	544.9	545.4	546.6	554.3	555.4	556.8	558.3	560.6	560.8	561.3	561.2	562.0
Hawaii .....	112.1	110.8	111.1	111.3	111.8	111.5	112.0	110.4	111.9	112.0	111.9	110.2	113.0
Idaho .....	89.4	90.6	90.8	90.6	91.3	91.6	92.2	92.2	92.5	92.8	93.1	93.3	93.4
Illinois .....	766.6	781.0	758.2	759.6	772.2	772.6	773.2	768.1	773.5	773.4	771.7	779.3	789.7
Indiana .....	392.4	391.1	391.6	397.6	395.7	396.0	396.9	398.2	395.1	395.4	396.0	395.2	399.2
Iowa .....	222.7	221.4	222.4	224.3	224.5	225.2	224.7	223.6	225.3	226.1	226.1	227.1	231.3
Kansas .....	233.0	231.3	223.9	231.8	232.1	231.1	232.7	232.0	232.4	232.4	226.2	231.4	237.7
Kentucky .....	277.0	276.1	275.1	276.1	276.5	277.7	276.7	272.8	275.2	277.1	277.3	276.6	277.7
Louisiana .....	341.2	340.6	340.8	339.6	340.2	340.2	339.6	340.2	339.4	340.2	343.2	343.6	342.5
Maine .....	95.1	95.9	95.9	93.9	94.0	93.6	93.3	92.1	93.4	93.2	93.2	93.8	93.0
Maryland .....	417.0	413.3	417.3	421.3	417.6	418.1	419.4	419.1	416.4	419.8	419.9	418.9	418.8
Massachusetts .....	387.8	388.4	389.1	390.0	389.7	388.8	387.8	387.0	388.8	386.5	390.2	388.9	388.6
Michigan .....	639.5	634.1	633.4	642.9	641.7	641.2	641.6	637.0	637.9	641.4	638.7	637.4	628.2
Minnesota .....	352.3	352.7	353.4	355.4	356.2	357.9	358.5	359.6	359.5	360.8	362.6	362.3	381.3
Mississippi .....	209.2	209.9	214.9	210.6	211.2	211.4	211.5	211.5	210.5	212.6	212.3	212.4	210.3
Missouri .....	378.4	377.7	377.4	379.1	379.6	380.7	382.5	381.0	382.5	382.7	385.4	386.5	386.2
Montana .....	74.4	73.5	74.7	74.2	74.6	74.5	75.0	74.4	74.6	74.6	75.0	75.6	75.0
Nebraska .....	147.1	149.1	150.0	150.0	150.1	149.2	150.5	151.1	149.1	149.7	149.5	152.1	148.5
Nevada .....	90.9	88.1	89.1	88.9	89.2	89.3	90.0	89.4	90.0	91.1	91.8	92.2	90.1
New Hampshire .....	73.7	72.6	73.3	71.8	74.5	73.9	74.1	75.1	76.6	76.7	75.0	74.2	74.6
New Jersey .....	564.8	562.8	564.4	566.4	568.3	569.2	569.2	565.2	561.1	562.5	565.0	566.9	568.3
New Mexico .....	160.4	158.1	159.0	159.9	159.7	160.1	160.0	160.4	160.2	160.6	162.1	162.5	165.1
New York .....	1,418.4	1,430.4	1,423.2	1,419.7	1,420.4	1,423.0	1,420.2	1,417.5	1,415.6	1,417.2	1,417.6	1,421.8	1,413.8
North Carolina .....	524.1	530.2	537.3	533.9	536.5	539.1	539.2	539.9	537.6	540.4	541.0	542.9	540.0
North Dakota .....	66.4	67.2	67.3	67.8	66.6	66.4	66.8	66.6	67.0	66.7	66.5	66.6	66.5
Ohio .....	736.8	730.2	737.5	738.3	744.5	738.5	739.5	738.0	739.9	740.6	744.5	741.4	746.1
Oklahoma .....	272.5	270.8	270.8	267.6	266.9	268.3	268.6	269.6	269.2	269.9	271.4	271.9	271.2
Oregon .....	233.5	232.2	231.9	232.1	232.2	232.9	233.0	233.9	233.7	232.7	233.1	234.4	231.7
Pennsylvania .....	709.3	709.2	708.3	709.1	709.3	710.5	713.8	710.0	708.3	711.2	714.2	713.3	724.9
Rhode Island .....	61.2	61.3	61.5	60.3	60.9	61.3	62.4	61.7	62.0	61.4	61.9	61.9	61.8
South Carolina .....	298.5	298.6	298.7	298.1	297.8	297.9	297.7	299.6	298.8	300.0	300.3	300.4	303.2
South Dakota .....	65.6	65.4	66.4	67.6	66.8	66.8	66.7	67.4	67.4	67.3	67.5	67.7	68.3
Tennessee .....	361.0	361.8	362.9	362.5	363.5	364.6	365.1	365.1	365.2	365.9	366.2	366.4	389.9
Texas .....	1,365.9	1,382.5	1,393.2	1,395.5	1,394.3	1,397.3	1,395.4	1,389.6	1,393.4	1,390.7	1,394.9	1,396.0	1,394.6
Utah .....	159.1	159.1	159.9	160.0	160.3	161.0	162.0	161.1	161.6	161.2	162.0	162.1	162.5
Vermont .....	44.2	42.5	42.4	42.9	43.7	43.5	43.5	43.4	44.1	44.4	44.1	44.9	44.7
Virginia .....	596.0	600.6	600.0	600.9	601.1	602.0	601.5	597.5	596.1	602.4	603.3	602.1	604.5
Washington .....	430.2	429.8	428.7	434.5	429.6	433.3	431.5	433.5	436.9	432.7	435.1	434.6	436.9
West Virginia .....	131.9	125.9	132.4	135.0	134.9	135.1	135.5	134.8	135.0	134.6	133.6	140.5	133.7
Wisconsin .....	360.6	359.6	360.7	360.4	361.2	361.7	362.4	363.0	360.2	363.1	362.8	362.0	363.5
Wyoming .....	57.3	57.0	55.6	57.2	57.7	57.6	57.8	58.0	57.8	57.2	57.3	57.6	57.4

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

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

P = 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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>2</sup>	July <sup>2</sup>
<b>Total private</b> .....	34.5	34.6	34.4	34.5	34.6	34.5	34.8	34.3	34.6	34.7	34.8	34.6	34.6
<b>Mining</b> .....	44.6	44.5	44.2	45.1	44.3	44.1	44.2	44.1	44.4	45.0	44.5	44.9	44.8
<b>Construction</b> .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Manufacturing</b> .....	41.4	41.5	41.5	41.6	41.7	41.7	41.7	41.3	42.1	42.2	42.1	42.0	41.9
<i>Overtime hours</i> .....	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.5	4.7	4.8	4.7	4.6	4.6
<b>Durable goods</b> .....	42.0	42.2	42.3	42.4	42.5	42.5	42.7	42.2	43.0	43.0	42.9	42.8	42.6
<i>Overtime hours</i> .....	4.2	4.3	4.3	4.5	4.7	4.7	4.8	4.9	5.0	5.2	5.0	5.0	4.9
Lumber and wood products .....	40.7	40.8	41.0	41.2	41.4	41.2	41.7	40.6	41.3	41.4	41.4	41.3	41.0
Furniture and fixtures .....	40.0	40.4	40.0	40.4	40.7	40.2	40.2	39.0	40.6	40.3	40.3	40.8	40.6
Stone, clay, and glass products .....	42.6	42.8	42.7	42.8	43.3	43.1	43.3	42.3	43.6	43.4	43.7	43.6	43.5
Primary metal industries .....	43.5	43.6	43.6	43.8	44.1	44.2	44.2	44.2	44.6	44.9	44.8	44.3	44.2
Blast furnaces and basic steel products ..	44.2	43.9	44.1	43.8	44.0	44.2	43.9	44.3	44.7	45.1	45.1	44.4	44.0
Fabricated metal products .....	42.0	42.1	42.2	42.3	42.5	42.5	42.6	42.3	42.8	43.0	42.8	42.6	42.6
Industrial machinery and equipment .....	43.1	43.0	43.0	43.2	43.2	43.3	43.4	43.1	43.9	43.9	43.8	43.7	43.6
Electronic and other electrical equipment ..	41.8	42.0	42.0	42.1	42.0	41.9	42.1	41.7	42.4	42.6	42.3	42.2	42.1
Transportation equipment .....	42.6	43.2	43.6	43.5	43.8	44.1	44.0	44.0	44.5	44.6	44.3	43.9	43.2
Motor vehicles and equipment .....	43.4	44.4	45.1	45.1	45.9	46.1	46.2	46.3	46.5	46.1	45.8	45.2	44.1
Instruments and related products .....	41.3	41.0	41.1	41.1	41.0	41.2	41.4	41.0	41.7	41.6	41.9	41.7	42.1
Miscellaneous manufacturing .....	39.7	39.8	39.8	39.7	39.8	39.9	40.1	38.9	40.1	40.4	40.2	40.2	40.0
<b>Nondurable goods</b> .....	40.6	40.5	40.5	40.6	40.6	40.6	40.6	40.1	41.0	41.1	41.0	41.0	41.0
<i>Overtime hours</i> .....	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.3	4.3	4.2	4.2	4.3
Food and kindred products .....	40.7	40.7	40.6	40.9	40.7	40.7	40.7	40.8	41.2	41.2	41.1	41.3	41.5
Tobacco products .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Textile mill products .....	41.3	41.4	41.5	41.5	41.8	41.8	41.5	40.4	42.2	42.0	41.8	41.9	41.7
Apparel and other textile products .....	37.2	37.2	37.0	36.9	37.1	37.1	36.9	35.8	37.6	38.0	37.8	37.8	37.4
Paper and allied products .....	43.5	43.6	43.8	43.8	43.7	43.7	43.7	43.2	44.1	44.0	44.0	44.0	44.3
Printing and publishing .....	38.4	38.2	38.3	38.4	38.4	38.3	38.3	38.0	38.4	38.8	38.8	38.8	38.8
Chemicals and allied products .....	43.4	43.2	42.9	43.2	43.0	43.1	43.2	42.8	43.3	43.2	43.4	43.3	43.5
Petroleum and coal products .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
Rubber and misc. plastics products .....	41.7	41.8	41.7	41.8	42.0	42.0	41.9	41.6	42.6	42.4	42.2	42.3	42.1
Leather and leather products .....	38.2	38.4	38.7	38.7	38.5	38.5	38.6	37.7	38.6	39.0	38.4	38.1	37.4
<b>Transportation and public utilities</b> .....	39.6	39.8	39.7	39.8	39.7	39.7	40.1	39.7	39.8	40.2	40.0	40.0	39.9
<b>Wholesale trade</b> .....	38.2	38.3	37.9	38.2	38.2	38.1	38.5	38.1	38.3	38.4	38.5	38.4	38.3
<b>Retail trade</b> .....	28.9	28.9	28.6	28.9	28.8	28.8	29.0	28.6	28.9	29.0	29.0	28.9	29.0
<b>Finance, insurance, and real estate</b> .....	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )
<b>Services</b> .....	32.5	32.6	32.3	32.4	32.5	32.4	32.8	32.3	32.4	32.5	32.8	32.4	32.5

<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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>p</sup>	July <sup>p</sup>
<b>Total private</b> .....	124.6	125.1	124.4	125.3	125.8	125.9	127.1	125.6	127.3	128.2	129.1	128.7	129.2
<b>Goods-producing</b> .....	103.8	103.8	103.8	104.3	104.9	105.1	105.3	103.9	106.7	107.3	107.4	107.5	107.6
<b>Mining</b> .....	54.7	54.3	54.2	55.2	53.8	55.1	54.6	54.3	54.5	54.9	54.2	55.1	55.0
<b>Construction</b> .....	125.9	125.9	125.2	126.3	128.8	128.8	128.5	124.5	131.0	132.7	134.8	134.0	135.7
<b>Manufacturing</b> .....	102.3	102.4	102.5	102.9	103.3	103.3	103.7	102.8	104.9	105.4	105.1	105.3	105.0
<b>Durable goods</b> .....	99.5	99.8	100.2	100.6	101.2	101.6	102.3	101.4	103.3	104.0	103.8	103.9	103.5
Lumber and wood products .....	123.5	124.5	125.7	127.2	128.7	128.7	131.6	128.2	130.4	131.3	131.6	131.7	130.7
Furniture and fixtures .....	120.4	121.3	120.7	121.9	123.5	122.6	122.9	119.2	124.8	123.5	124.2	126.0	126.7
Stone, clay, and glass products .....	102.2	102.7	102.7	103.2	104.4	104.2	105.2	102.8	106.5	107.3	107.8	108.1	107.8
Primary metal industries .....	84.8	84.9	85.1	85.7	86.6	86.8	87.0	87.3	88.1	88.5	88.5	87.5	87.5
Blast furnaces and basic steel products .....	71.9	71.1	71.5	71.1	71.6	71.7	71.3	71.6	71.6	70.8	70.8	68.9	68.3
Fabricated metal products .....	102.1	102.5	102.9	103.4	104.4	104.8	105.6	105.1	106.7	107.8	107.6	107.8	107.8
Industrial machinery and equipment .....	92.4	91.8	92.1	92.8	93.1	93.7	94.4	94.2	96.1	96.9	96.9	97.4	97.3
Electronic and other electrical equipment .....	100.2	100.4	100.8	101.4	101.4	101.6	101.6	101.2	103.2	104.6	103.8	104.3	103.6
Transportation equipment .....	108.9	110.3	111.3	111.2	111.9	112.9	113.8	113.7	114.8	115.3	114.6	114.4	112.0
Motor vehicles and equipment .....	132.3	136.0	138.6	139.7	142.9	145.2	149.4	149.4	150.3	149.5	147.9	147.9	144.7
Instruments and related products .....	76.6	75.9	75.7	75.6	75.0	75.0	75.2	74.5	75.6	75.2	75.4	74.7	75.8
Miscellaneous manufacturing .....	100.5	100.0	100.4	100.1	100.0	100.6	100.8	97.4	100.8	101.9	101.0	101.0	101.6
<b>Nondurable goods</b> .....	106.1	106.0	105.7	105.9	106.0	105.8	105.7	104.7	107.1	107.4	107.0	107.1	107.1
Food and kindred products .....	112.1	112.5	111.9	113.1	112.5	112.3	112.0	112.7	114.1	113.6	113.2	113.4	114.4
Tobacco products .....	58.3	57.0	57.1	57.4	59.6	56.8	57.1	54.2	58.3	62.0	60.3	58.8	55.6
Textile mill products .....	98.5	98.2	98.6	98.5	99.2	99.0	98.6	96.2	100.6	99.8	99.2	99.4	98.9
Apparel and other textile products .....	90.1	89.6	88.8	88.1	88.2	87.4	86.6	84.0	88.4	89.3	88.9	88.8	87.3
Paper and allied products .....	110.5	110.3	110.6	110.4	110.2	110.2	110.4	109.1	111.2	111.1	111.1	111.1	111.9
Printing and publishing .....	124.1	123.6	123.7	123.8	123.8	123.2	123.5	122.6	124.1	125.5	125.1	125.7	125.8
Chemicals and allied products .....	101.4	100.8	100.4	101.3	101.4	101.6	101.5	100.6	101.4	101.3	101.6	101.4	101.9
Petroleum and coal products .....	82.4	82.9	81.6	83.7	80.9	79.9	81.8	79.7	80.4	82.1	78.7	79.1	79.9
Rubber and misc. plastics products .....	132.6	132.7	132.2	132.0	133.7	134.1	134.7	134.7	138.3	138.3	138.4	138.9	139.4
Leather and leather products .....	55.2	55.5	55.3	55.3	55.0	55.0	55.2	53.9	54.6	55.7	53.7	53.3	51.7
<b>Service-producing</b> .....	134.0	134.7	133.7	134.8	135.2	135.2	136.9	135.3	136.6	137.6	138.8	138.3	138.9
<b>Transportation and public utilities</b> .....	117.5	117.9	117.5	118.3	117.9	117.6	118.9	117.9	118.6	118.4	119.8	119.7	119.6
<b>Wholesale trade</b> .....	112.5	112.7	111.7	112.7	112.8	112.8	114.0	113.1	113.9	114.5	114.8	114.9	114.5
<b>Retail trade</b> .....	123.6	123.9	122.8	124.1	123.7	124.1	125.1	123.6	125.4	126.4	126.6	126.8	127.7
<b>Finance, insurance, and real estate</b> .....	120.3	121.8	120.8	121.4	121.8	121.3	124.3	121.7	121.5	122.0	123.6	121.9	122.6
<b>Services</b> .....	156.6	157.5	156.6	157.6	158.9	158.9	181.2	159.3	160.8	162.5	164.6	163.5	164.4

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

<sup>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		
	May 1994 <sup>r</sup>	June 1994 <sup>r</sup>	July 1994 <sup>p</sup>	July 1993 to July 1994 <sup>p</sup>	May 1994 to June 1994 <sup>r</sup>	June 1994 to July 1994 <sup>p</sup>
Total .....	210,471	209,831	210,051	2.5	-3	.1
Private sector .....	172,451	171,998	172,612	3.2	-3	.4
Mining .....	1,393	1,407	1,398	-.2	1.0	-.7
Construction .....	9,977	9,907	10,035	7.2	-.7	1.3
Manufacturing .....	39,148	39,169	39,110	1.3	.1	-.2
Durable goods .....	22,537	22,551	22,475	2.0	.1	-.3
Nondurable goods .....	16,610	16,618	16,635	.3	.0	.1
Transportation and public utilities .....	12,186	12,175	12,169	1.8	-.1	.0
Wholesale trade .....	12,086	12,073	12,051	1.8	-.1	-.2
Retail trade .....	30,391	30,463	30,682	3.5	.2	.7
Finance, insurance, and real estate .....	12,843	12,611	12,660	1.3	-1.8	.4
Services .....	54,428	54,193	54,507	5.1	-.4	.6
Government .....	38,021	37,833	37,440	-.7	-.5	-1.0

<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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>p</sup>	July <sup>p</sup>
<b>Average hourly earnings</b>													
<b>Total private (in current dollars) .....</b>	\$10.82	\$10.86	\$10.88	\$10.92	\$10.94	\$10.96	\$11.02	\$11.03	\$11.02	\$11.05	\$11.09	\$11.08	\$11.12
<b>Mining .....</b>	14.56	14.57	14.55	14.62	14.51	14.68	14.88	14.81	14.77	14.87	14.83	14.71	14.79
<b>Construction .....</b>	14.40	14.41	14.41	14.43	14.46	14.41	14.43	14.54	14.47	14.52	14.60	14.67	14.79
<b>Manufacturing .....</b>	11.73	11.77	11.82	11.84	11.87	11.93	11.95	12.01	12.00	12.00	12.00	12.02	12.04
<b>Excluding overtime<sup>2</sup> .....</b>	11.18	11.21	11.25	11.25	11.28	11.32	11.34	11.40	11.37	11.33	11.37	11.40	11.41
<b>Transportation and public utilities .....</b>	13.63	13.83	13.63	13.66	13.70	13.73	13.80	13.82	13.79	13.77	13.80	13.79	13.83
<b>Wholesale trade .....</b>	11.75	11.80	11.79	11.84	11.80	11.82	11.92	11.88	11.88	11.95	11.98	11.99	12.01
<b>Retail trade .....</b>	7.28	7.31	7.30	7.35	7.35	7.37	7.41	7.42	7.43	7.45	7.47	7.47	7.51
<b>Finance, insurance, and real estate .....</b>	11.35	11.46	11.44	11.56	11.58	11.61	11.73	11.67	11.69	11.77	11.83	11.75	11.79
<b>Services .....</b>	10.76	10.81	10.82	10.87	10.88	10.89	10.97	10.96	10.95	10.99	11.04	11.03	11.05
<b>Total private (in constant dollars)<sup>3</sup> .....</b>	7.38	7.39	7.40	7.39	7.39	7.40	7.43	7.42	7.39	7.40	7.42	7.39	(*)
<b>Average weekly earnings</b>													
<b>Total private:</b>													
In current dollars .....	373.29	375.76	374.27	376.74	378.52	378.12	383.50	378.33	381.29	383.44	385.93	383.37	384.75
In constant (1982) dollars <sup>3</sup> .....	254.46	255.62	254.43	255.07	255.76	255.14	258.60	254.60	255.73	256.83	258.15	255.58	(*)

<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.

**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>				
		June 1993	July 1993	May 1994	June 1994 <sup>a</sup>	July 1994 <sup>a</sup>	June 1993	July 1993	May 1994	June 1994 <sup>a</sup>	July 1994 <sup>a</sup>
<b>Total</b> .....		111,346	110,431	113,511	114,340	113,399	-	-	-	-	-
<b>Total private</b> .....		92,473	92,602	94,109	95,249	95,403	75,331	75,451	76,827	77,869	77,951
<b>Mining</b> .....		614	617	602	609	612	433	437	427	433	436
Metal mining .....	10	51.0	50.6	50.0	51.1	51.5	41.0	40.6	40.6	41.4	-
Iron ores .....	101	9.2	9.1	10.5	10.9	-	7.4	7.3	8.7	9.0	-
Copper ores .....	102	15.4	15.1	15.0	15.3	-	12.7	12.5	12.4	12.7	-
Coal mining .....	12	109.2	103.8	113.5	115.0	114.2	86.4	83.0	91.6	93.0	-
Bituminous coal and lignite mining .....	122	101.6	96.5	106.5	107.8	-	80.1	77.0	85.8	87.1	-
Oil and gas extraction .....	13	349.0	357.8	334.5	338.3	340.5	226.5	234.0	216.1	218.6	-
Crude petroleum and natural gas .....	131	173.2	172.7	162.7	164.1	-	85.9	85.4	79.4	80.4	-
Oil and gas field services .....	138	171.0	180.0	167.0	169.3	-	137.0	145.0	133.8	135.4	-
Nonmetallic minerals, except fuels .....	14	104.4	104.9	103.5	104.9	105.4	79.5	79.8	78.5	79.8	-
Crushed and broken stone .....	142	39.2	39.6	39.8	40.4	-	30.8	31.2	31.1	31.6	-
Sand and gravel .....	144	34.2	34.5	33.2	33.9	-	-	-	-	-	-
Chemical and fertilizer minerals .....	147	13.1	13.0	12.8	12.8	-	-	-	-	-	-
<b>Construction</b> .....		4,831	4,942	4,960	5,136	5,257	3,747	3,853	3,849	4,012	4,121
General building contractors .....	15	1,145.7	1,169.8	1,157.6	1,200.6	1,227.5	816.0	838.6	816.9	857.6	-
Residential building construction .....	152	580.2	587.9	585.8	608.5	-	399.3	406.7	397.5	419.4	-
Operative builders .....	153	28.0	28.4	29.9	30.5	-	12.1	12.4	12.9	13.3	-
Nonresidential building construction .....	154	537.5	553.5	541.9	561.6	-	404.6	419.5	406.5	424.9	-
Heavy construction, except building .....	16	762.9	770.9	756.0	779.0	794.0	642.3	650.0	638.1	661.0	-
Highway and street construction .....	161	261.0	268.6	251.0	267.4	-	221.6	228.7	210.8	227.6	-
Heavy construction, except highway .....	162	501.9	502.3	505.0	511.6	-	420.7	421.3	427.3	433.4	-
Special trade contractors .....	17	2,922.5	3,001.4	3,046.7	3,156.5	3,235.4	2,289.0	2,364.6	2,393.7	2,493.3	-
Plumbing, heating, and air conditioning .....	171	634.6	652.4	660.0	679.3	-	463.1	479.8	481.8	499.9	-
Painting and paper hanging .....	172	172.7	176.7	177.2	190.9	-	144.5	148.7	147.6	159.0	-
Electrical work .....	173	521.2	537.8	545.6	562.4	-	403.0	419.3	423.0	438.2	-
Masonry, stonework, and plastering .....	174	415.9	430.2	448.5	472.9	-	357.7	371.0	386.2	409.4	-
Carpentry and floor work .....	175	190.7	197.5	225.7	234.9	-	141.4	148.4	172.0	181.1	-
Roofing, siding, and sheet metal work .....	176	211.7	219.3	220.9	226.4	-	170.5	177.8	178.1	183.3	-
<b>Manufacturing</b> .....		18,082	17,956	17,975	18,136	18,024	12,346	12,230	12,370	12,501	12,397
<b>Durable goods</b> .....		10,206	10,105	10,226	10,312	10,211	6,842	6,747	6,945	7,015	6,925
Lumber and wood products .....	24	708.8	713.2	724.5	741.7	745.0	584.0	587.6	599.2	614.2	615.9
Logging .....	241	80.4	83.3	74.1	77.4	-	65.2	68.1	60.3	63.6	-
Sawmills and planing mills .....	242	182.7	182.6	183.7	186.7	-	158.8	158.1	159.5	162.2	-
Sawmills and planing mills, general .....	2421	146.0	146.4	146.0	148.6	-	126.7	126.9	126.5	128.8	-
Hardwood dimension and flooring mills .....	2426	34.7	34.2	35.6	36.0	-	30.4	29.6	31.3	31.7	-
Millwork, plywood, and structural members .....	243	251.9	253.3	263.4	270.5	-	202.5	203.8	212.8	218.3	-
Millwork .....	2431	103.0	103.8	106.9	110.7	-	80.6	81.2	84.1	87.0	-
Wood kitchen cabinets .....	2434	69.0	69.0	73.2	74.5	-	54.8	54.8	59.0	60.0	-
Hardwood veneer and plywood .....	2435	23.9	23.5	24.3	24.3	-	20.5	20.1	21.0	21.0	-
Softwood veneer and plywood .....	2436	28.3	28.5	28.5	29.0	-	25.6	25.9	25.5	25.9	-
Wood containers .....	244	48.1	46.2	47.2	47.9	-	39.1	39.1	40.1	40.9	-
Wood buildings and mobile homes .....	245	64.7	65.6	71.2	73.1	-	50.7	51.4	57.3	59.0	-
Mobile homes .....	2451	48.1	49.0	54.9	56.0	-	39.8	40.6	46.2	47.2	-
Miscellaneous wood products .....	249	83.0	82.2	84.9	86.1	-	67.7	67.1	69.2	70.2	-
Furniture and fixtures .....	25	487.5	477.2	493.6	498.8	492.6	385.1	375.1	391.4	395.4	388.6
Household furniture .....	251	278.1	268.2	281.9	282.3	-	232.2	223.2	236.3	236.5	-
Wood household furniture .....	2511	123.2	118.0	122.9	123.7	-	105.8	101.0	105.3	106.1	-
Upholstered household furniture .....	2512	91.3	89.4	92.9	92.6	-	76.1	74.6	78.4	78.0	-
Metal household furniture .....	2514	21.6	19.1	22.8	21.9	-	17.4	15.2	18.8	18.0	-
Mattresses and bedsprings .....	2515	28.6	28.7	30.3	30.8	-	21.8	21.8	23.2	23.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Durable goods—Continued</b>											
Furniture and fixtures—Continued											
Office furniture .....	252	60.5	60.7	61.5	62.3	-	43.6	43.6	45.1	45.4	-
Public building and related furniture .....	253	37.8	36.1	38.4	39.4	-	30.3	28.5	30.4	31.3	-
Partitions and fixtures .....	254	75.7	76.9	76.6	79.0	-	55.4	56.2	55.8	57.9	-
Miscellaneous furniture and fixtures .....	259	35.4	35.3	35.2	35.8	-	23.6	23.6	23.8	24.3	-
Stone, clay, and glass products .....	32	525.2	523.9	532.3	540.2	539.1	405.8	404.2	412.0	419.7	417.5
Flat glass .....	321	14.4	14.5	14.3	14.6	-	11.3	11.3	11.1	11.4	-
Glass and glassware, pressed or blown .....	322	77.2	77.1	76.5	75.9	-	65.0	64.7	63.4	63.4	-
Glass containers .....	3221	35.6	35.5	33.7	33.3	-	31.9	31.8	30.1	30.0	-
Pressed and blown glass, nec .....	3229	41.6	41.6	42.8	42.6	-	33.1	32.9	33.3	33.4	-
Products of purchased glass .....	323	59.5	58.0	59.4	60.1	-	45.0	43.5	44.8	45.4	-
Cement, hydraulic .....	324	18.4	18.5	17.8	18.4	-	14.2	14.3	13.5	14.1	-
Structural clay products .....	325	32.7	32.5	32.4	32.7	-	25.4	25.2	25.2	25.5	-
Pottery and related products .....	326	39.4	39.0	40.1	40.6	-	30.8	30.5	31.9	32.3	-
Concrete, gypsum, and plaster products .....	327	195.5	196.6	203.0	208.1	-	149.1	150.0	155.6	159.9	-
Concrete block and brick .....	3271	17.0	17.0	17.5	18.0	-	10.9	11.0	11.3	11.7	-
Concrete products, nec .....	3272	64.1	64.1	65.6	67.2	-	47.8	47.9	48.8	50.4	-
Ready-mixed concrete .....	3273	97.5	98.6	102.9	105.6	-	77.0	77.7	82.0	84.2	-
Misc. nonmetallic mineral products .....	329	74.6	74.3	75.3	76.2	-	55.2	55.1	56.9	57.9	-
Abrasive products .....	3291	19.7	19.7	19.7	20.0	-	14.5	14.5	15.1	15.5	-
Asbestos products .....	3292	3.0	3.0	2.9	2.9	-	2.4	2.3	2.4	2.4	-
Mineral wool .....	3296	22.3	22.2	22.2	22.6	-	-	-	-	-	-
Primary metal industries .....	33	680.5	671.5	678.4	683.9	676.8	518.7	509.5	521.3	523.8	517.2
Blast furnaces and basic steel products .....	331	239.0	238.1	229.6	230.4	230.2	182.5	181.5	174.0	173.4	173.5
Blast furnaces and steel mills .....	3312	174.3	173.8	166.9	167.7	-	133.8	133.5	127.4	127.4	-
Steel pipe and tubes .....	3317	25.7	25.6	25.4	25.7	-	19.1	18.6	18.9	19.2	-
Iron and steel foundries .....	332	119.3	115.0	123.5	125.5	-	95.3	90.8	100.2	101.7	-
Gray and ductile iron foundries .....	3321	75.8	72.4	77.9	78.8	-	61.1	57.5	63.9	64.5	-
Malleable iron foundries .....	3322	5.1	5.2	5.4	5.8	-	4.1	4.2	4.3	4.4	-
Steel foundries, nec .....	3325	24.5	24.0	25.7	26.1	-	19.2	18.7	20.6	21.0	-
Primary nonferrous metals .....	333	41.9	41.8	39.7	39.6	-	31.8	31.6	29.9	29.7	-
Primary aluminum .....	3334	24.0	23.8	22.5	22.4	-	18.8	18.5	17.7	17.5	-
Nonferrous rolling and drawing .....	335	160.6	159.8	162.5	163.3	-	116.3	115.6	120.9	121.3	-
Copper rolling and drawing .....	3351	21.7	21.8	21.8	22.2	-	16.5	16.5	16.8	17.1	-
Aluminum sheet, plate, and foil .....	3353	24.3	23.9	23.3	23.1	-	16.1	15.8	16.3	16.1	-
Nonferrous wire drawing and insulating .....	3357	68.4	67.8	70.8	71.1	-	49.8	49.3	52.6	52.7	-
Nonferrous foundries (castings) .....	336	78.5	75.9	81.2	83.1	-	63.0	60.6	65.9	67.0	-
Aluminum foundries .....	3365	22.1	21.1	23.1	23.8	-	17.7	16.7	18.8	19.3	-
Fabricated metal products .....	34	1,335.8	1,317.9	1,355.7	1,371.7	1,354.1	985.6	969.1	1,010.7	1,025.6	1,007.9
Metal cans and shipping containers .....	341	42.5	41.9	40.3	40.9	-	36.6	36.3	34.4	35.0	-
Metal cans .....	3411	34.4	34.0	32.7	33.1	-	30.1	29.9	28.2	28.7	-
Cutlery, handtools, and hardware .....	342	124.1	122.6	126.8	128.5	-	92.4	91.0	95.4	96.9	-
Hand and edge tools, and blades and handsaws .....	3423.5	42.0	41.3	43.5	43.8	-	31.5	30.8	33.4	33.7	-
Hardware, nec .....	3429	70.4	69.4	71.4	72.6	-	52.9	52.1	53.9	55.0	-
Plumbing and heating, except electric .....	343	55.9	55.8	58.4	58.9	-	39.6	39.3	42.2	42.5	-
Plumbing fixture fittings and trim .....	3432	24.4	24.2	25.1	25.1	-	18.2	17.9	19.0	19.0	-
Heating equipment, except electric .....	3433	18.5	18.8	19.7	20.1	-	11.9	11.9	12.9	13.2	-
Fabricated structural metal products .....	344	394.1	395.4	396.8	403.7	-	279.6	280.7	285.6	291.8	-
Fabricated structural metal .....	3441	67.3	67.0	66.4	67.7	-	47.8	47.4	47.8	48.8	-
Metal doors, sash, and trim .....	3442	71.3	72.4	73.9	75.2	-	51.7	52.8	54.3	55.7	-
Fabricated plate work (boiler shops) .....	3443	98.0	96.7	94.6	94.9	-	66.5	65.4	66.0	66.3	-
Sheet metal work .....	3444	96.7	97.8	99.3	101.5	-	72.6	73.6	74.9	76.9	-
Architectural metal work .....	3446	25.3	25.7	25.6	26.4	-	17.8	18.0	18.1	18.7	-
Screw machine products, bolts, etc .....	345	91.9	90.8	94.4	95.4	-	70.4	69.6	73.3	73.9	-
Screw machine products .....	3451	45.9	45.2	48.4	48.8	-	37.2	36.8	39.3	39.4	-
Bolts, nuts, rivets, and washers .....	3452	46.0	45.6	46.0	46.6	-	33.2	32.8	34.0	34.5	-
Metal forgings and stampings .....	346	219.8	210.2	228.0	229.9	-	175.1	165.8	182.6	184.2	-
Iron and steel forgings .....	3462	28.8	28.4	29.7	29.7	-	22.0	21.6	22.9	22.9	-
Automotive stampings .....	3465	100.5	93.3	105.6	105.8	-	85.0	77.8	89.4	89.4	-
Metal stampings, nec .....	3469	79.3	77.4	81.8	83.4	-	59.9	58.3	62.5	64.0	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Durable goods—Continued</b>											
<b>Fabricated metal products—Continued</b>											
Metal services, nec .....	347	117.2	114.7	118.3	120.2	-	91.4	88.9	92.4	94.3	-
Plating and polishing .....	3471	73.2	71.4	73.5	74.7	-	57.0	55.2	57.1	58.2	-
Metal coating and allied services .....	3479	44.0	43.3	44.8	45.5	-	34.4	33.7	35.3	36.1	-
Ordinance and accessories, nec .....	348	59.4	58.5	54.7	54.6	-	33.5	33.0	30.3	30.4	-
Ammunition, except for small arms, nec .....	3483	35.2	34.6	31.8	31.4	-	17.2	16.9	14.9	14.6	-
Miscellaneous fabricated metal products .....	349	230.9	228.0	238.0	239.6	-	167.0	164.5	174.5	176.6	-
Valves and pipe fittings, nec .....	3494	24.9	24.2	24.7	24.6	-	18.3	17.9	18.3	18.3	-
Misc. fabricated wire products .....	3496	53.3	52.7	55.0	55.3	-	40.4	39.9	42.0	42.4	-
Industrial machinery and equipment .....	35	1,927.2	1,909.7	1,946.3	1,957.1	1,936.0	1,167.3	1,152.0	1,206.4	1,214.1	1,200.6
Engines and turbines .....	351	86.8	86.7	89.1	89.5	-	53.7	53.8	56.3	56.3	-
Turbines and turbine generator sets .....	3511	28.0	27.8	27.9	27.7	-	16.2	16.1	16.4	16.1	-
Internal combustion engines, nec .....	3519	58.8	58.9	61.2	61.8	-	37.5	37.7	39.9	40.2	-
Farm and garden machinery .....	352	98.4	92.5	105.3	105.2	-	71.4	65.5	78.5	77.8	-
Farm machinery and equipment .....	3523	73.1	72.4	76.8	77.1	-	51.5	50.8	55.6	55.4	-
Construction and related machinery .....	353	209.8	209.9	213.9	213.4	-	127.7	127.6	134.0	133.8	-
Construction machinery .....	3531	78.6	78.6	81.5	80.3	-	47.8	47.9	52.8	52.0	-
Mining machinery .....	3532	15.1	14.4	14.5	14.7	-	8.9	8.2	8.4	8.5	-
Oil and gas field machinery .....	3533	37.8	38.2	37.2	37.4	-	24.6	25.1	24.7	24.8	-
Conveyors and conveying equipment .....	3535	35.5	35.8	37.1	37.4	-	19.9	19.8	20.7	20.8	-
Industrial trucks and tractors .....	3537	26.0	26.1	27.6	27.8	-	17.1	17.1	18.4	18.6	-
Metalworking machinery .....	354	307.2	306.3	314.8	316.9	-	215.1	214.0	222.0	223.2	-
Machine tools, metal cutting types .....	3541	36.7	36.5	37.2	37.6	-	22.1	22.1	23.0	23.1	-
Machine tools, metal forming types .....	3542	15.4	15.2	15.6	15.8	-	9.6	9.4	9.8	10.0	-
Special dies, tools, jigs, and fixtures .....	3544	144.2	143.2	148.1	149.1	-	110.0	108.7	112.7	113.3	-
Machine tool accessories .....	3545	48.6	48.4	49.6	49.9	-	33.6	33.3	34.4	34.6	-
Power driven handtools .....	3546	23.3	23.6	23.6	23.5	-	15.6	15.9	16.0	16.0	-
Special industry machinery .....	355	148.9	148.0	150.7	151.4	-	84.8	84.0	87.5	87.7	-
Textile machinery .....	3552	15.6	15.5	15.5	15.2	-	10.3	10.3	10.1	10.0	-
Printing trades machinery .....	3555	21.2	21.0	20.3	20.4	-	11.1	10.9	10.8	10.8	-
Food products machinery .....	3556	23.0	22.7	23.4	23.4	-	13.6	13.5	14.3	14.3	-
General industrial machinery .....	356	236.1	234.9	236.8	238.7	-	149.9	148.5	150.9	152.3	-
Pumps and pumping equipment .....	3561	30.8	30.5	29.7	29.9	-	17.0	16.9	16.4	16.6	-
Ball and roller bearings .....	3562	37.2	36.8	36.4	36.8	-	29.4	29.1	28.9	29.0	-
Air and gas compressors .....	3563	24.6	24.6	26.3	26.6	-	13.3	13.0	14.4	14.6	-
Blowers and fans .....	3564	32.4	32.5	32.6	32.9	-	21.8	21.8	22.1	22.3	-
Speed changers, drives, and gears .....	3566	15.6	15.6	15.1	15.2	-	11.1	11.0	10.5	10.6	-
Power transmission equipment, nec .....	3568	19.0	18.6	19.6	19.9	-	12.6	12.4	13.1	13.3	-
Computer and office equipment .....	357	361.8	358.6	341.5	343.0	-	120.1	118.3	117.7	119.7	-
Electronic computers .....	3571	215.7	212.6	198.5	198.8	-	55.6	54.8	56.2	57.0	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	53.7	53.3	52.4	52.6	-	23.1	22.5	20.6	21.3	-
Refrigeration and service machinery .....	358	180.0	176.6	189.8	192.3	-	126.9	123.8	134.6	136.9	-
Refrigeration and heating equipment .....	3585	123.7	119.9	129.8	131.8	-	91.5	87.9	96.6	98.5	-
Misc. industrial and commercial machinery .....	359	298.2	296.2	304.4	306.7	-	217.7	216.5	224.9	226.4	-
Carburetors, pistons, rings, valves .....	3592	20.5	20.2	21.6	21.8	-	16.5	16.2	18.0	17.8	-
Scales, balances, and industrial machinery, nec .....	3596,9	235.3	233.7	239.5	241.3	-	176.8	176.0	181.3	182.7	-
Electronic and other electrical equipment .....	36	1,521.1	1,510.4	1,538.9	1,556.4	1,540.4	973.5	960.8	990.3	1,002.6	985.5
Electric distribution equipment .....	361	81.2	80.4	81.1	81.3	-	56.6	55.5	56.8	56.7	-
Transformers, except electronic .....	3612	40.8	40.4	41.0	41.1	-	29.3	28.6	29.7	29.7	-
Switchgear and switchboard apparatus .....	3613	40.4	40.0	40.1	40.2	-	27.3	26.9	27.1	27.0	-
Electrical industrial apparatus .....	362	154.7	153.6	158.8	160.7	-	108.3	107.1	111.8	113.0	-
Motors and generators .....	3621	76.3	75.2	78.7	79.5	-	59.1	58.0	61.4	61.9	-
Relays and industrial controls .....	3625	59.6	59.6	60.6	61.4	-	35.8	35.8	36.2	36.7	-
Household appliances .....	363	118.6	117.4	124.7	126.7	-	95.0	93.9	101.7	103.8	-
Household refrigerators and freezers .....	3632	29.4	29.9	30.6	31.7	-	25.4	26.1	27.0	28.1	-
Household laundry equipment .....	3633	15.3	15.8	17.6	18.0	-	11.8	12.4	14.6	15.1	-
Electric housewares and fans .....	3634	27.5	26.7	27.9	28.8	-	21.5	20.5	21.6	22.6	-

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>				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Durable goods—Continued</b>											
<b>Electronic and other electrical equipment—Continued</b>											
Electric lighting and wiring equipment .....	364	170.5	169.4	174.8	178.3	-	123.5	121.9	126.4	129.2	-
Electric lamps .....	3641	21.7	21.4	21.7	21.8	-	17.5	16.9	17.0	17.1	-
Current-carrying wiring devices .....	3643	61.5	61.2	62.7	63.3	-	41.1	40.6	42.0	42.5	-
Noncurrent-carrying wiring devices .....	3644	18.9	18.9	19.6	19.8	-	13.5	13.6	14.5	14.8	-
Residential lighting fixtures .....	3645	18.6	18.2	18.9	19.2	-	14.0	13.6	14.1	14.3	-
Household audio and video equipment .....	365	81.5	81.7	83.2	85.2	-	53.8	53.7	54.9	56.7	-
Household audio and video equipment .....	3651	58.4	59.2	58.9	60.4	-	36.9	37.4	37.0	38.5	-
Communications equipment .....	366	237.0	235.6	233.5	234.0	-	121.9	119.7	119.6	119.4	-
Telephone and telegraph apparatus .....	3661	110.2	108.8	106.2	105.8	-	61.3	59.5	58.3	58.0	-
Electronic components and accessories .....	367	527.0	523.5	529.5	535.6	-	309.8	305.3	311.2	314.8	-
Electron tubes .....	3671	25.2	24.3	24.8	24.9	-	17.0	16.3	16.7	16.6	-
Semiconductors and related devices .....	3674	212.4	214.2	218.4	222.2	-	90.1	90.6	94.6	96.4	-
Electronic components, nec .....	3679	127.6	126.3	127.3	127.4	-	83.4	82.3	83.4	83.4	-
Misc. electrical equipment and supplies .....	369	150.6	148.8	153.3	154.6	-	104.6	103.5	107.9	109.0	-
Storage batteries .....	3691	25.5	25.3	25.6	26.1	-	19.6	19.4	19.9	20.3	-
Engine electrical equipment .....	3694	64.7	64.5	69.0	69.5	-	49.8	49.8	53.5	54.0	-
Transportation equipment .....	37	1,747.8	1,721.5	1,724.9	1,729.4	1,697.9	1,114.3	1,091.6	1,126.7	1,132.3	1,107.0
Motor vehicles and equipment .....	371	829.7	814.5	878.1	885.1	864.8	639.0	622.6	679.3	685.7	689.7
Motor vehicles and car bodies .....	3711	313.9	307.5	335.5	337.3	-	228.2	220.7	241.9	243.8	-
Truck and bus bodies .....	3713	36.3	36.5	37.3	38.2	-	28.9	29.2	30.0	30.8	-
Motor vehicle parts and accessories .....	3714	430.8	421.5	453.9	459.0	-	343.0	333.5	365.7	370.1	-
Truck trailers .....	3715	29.8	30.4	32.6	31.2	-	24.0	24.6	26.7	25.3	-
Aircraft and parts .....	372	542.3	535.0	482.5	478.3	472.6	252.3	247.7	222.5	219.9	-
Aircraft .....	3721	301.4	299.2	271.2	269.3	-	122.6	121.7	108.6	107.5	-
Aircraft engines and engine parts .....	3724	110.0	107.5	97.1	95.9	-	54.0	51.9	47.7	47.0	-
Aircraft parts and equipment, nec .....	3728	130.9	128.3	114.2	113.1	-	75.7	74.1	66.2	65.4	-
Ship and boat building and repairing .....	373	158.4	156.5	158.8	159.4	-	122.9	121.5	124.0	124.3	-
Ship building and repairing .....	3731	111.0	110.0	107.7	107.8	-	84.1	83.6	81.0	80.9	-
Boat building and repairing .....	3732	47.4	46.5	51.1	51.6	-	38.8	37.9	43.0	43.4	-
Railroad equipment .....	374	30.1	29.1	31.2	32.0	-	22.2	21.6	23.2	23.7	-
Guided missiles, space vehicles, and parts .....	376	124.5	122.5	108.7	107.8	-	35.0	34.2	31.3	30.7	-
Guided missiles and space vehicles .....	3761	89.6	88.2	76.6	75.9	-	23.2	22.6	20.0	19.4	-
Miscellaneous transportation equipment .....	379	45.3	46.3	48.4	48.9	-	30.0	30.9	33.8	34.7	-
Travel trailers and campers .....	3792	18.2	18.9	21.2	21.4	-	14.7	15.4	17.6	17.8	-
Instruments and related products .....	38	894.6	888.4	855.9	855.8	855.6	437.8	432.7	419.9	419.7	419.7
Search and navigation equipment .....	381	204.4	201.7	181.8	180.4	-	64.2	63.5	55.2	54.6	-
Measuring and controlling devices .....	382	282.6	280.0	275.7	276.1	-	146.1	143.6	141.3	141.6	-
Environmental controls .....	3822	42.7	42.3	42.4	43.0	-	28.4	28.1	27.8	28.1	-
Process control instruments .....	3823	60.0	59.0	58.6	58.8	-	28.8	27.6	27.8	28.2	-
Instruments to measure electricity .....	3825	72.6	71.8	70.2	69.3	-	35.0	34.2	33.2	32.5	-
Medical instruments and supplies .....	384	269.6	268.7	266.3	266.7	-	155.7	154.0	154.1	154.2	-
Surgical and medical instruments .....	3841	110.6	110.3	109.9	109.8	-	65.9	64.9	66.7	66.4	-
Surgical appliances and supplies .....	3842	96.9	96.3	95.4	95.8	-	62.3	61.6	60.2	60.8	-
Ophthalmic goods .....	385	38.9	38.9	38.4	38.7	-	26.3	26.4	25.7	25.6	-
Photographic equipment and supplies .....	386	90.6	90.7	85.5	85.2	-	38.7	38.5	36.9	36.8	-
Watches, clocks, watchcases, and parts .....	387	8.5	8.4	8.2	8.5	-	6.8	6.7	6.7	6.9	-
Miscellaneous manufacturing industries .....	39	377.2	370.9	375.3	377.0	373.7	270.3	264.3	267.0	267.8	265.4
Jewelry, silverware, and plated ware .....	391	50.5	49.1	50.3	50.4	-	35.6	34.5	35.1	35.1	-
Jewelry, precious metal .....	3911	37.4	36.4	37.7	37.8	-	26.2	25.4	26.2	26.2	-
Musical instruments .....	393	13.5	12.5	13.5	13.7	-	11.1	10.1	10.9	11.0	-
Toys and sporting goods .....	394	110.0	108.3	109.5	108.9	-	79.1	77.3	78.0	77.1	-
Dolls, games, toys, and children's vehicles .....	3942,4	42.4	42.1	41.7	41.4	-	29.5	29.0	27.8	27.5	-
Sporting and athletic goods, nec .....	3949	67.6	66.2	67.8	67.5	-	49.6	48.3	50.2	49.6	-
Pens, pencils, office, and art supplies .....	395	33.9	33.5	31.5	32.0	-	22.9	22.8	21.3	21.7	-
Costume jewelry and notions .....	396	30.1	28.6	28.6	28.6	-	22.4	20.9	21.3	21.4	-
Costume jewelry .....	3961	18.7	17.4	17.4	17.4	-	13.6	12.3	12.8	12.9	-
Miscellaneous manufactures .....	399	139.2	138.9	141.9	143.4	-	99.2	98.7	100.4	101.5	-
Signs and advertising specialties .....	3993	56.4	57.0	58.6	58.7	-	38.1	38.9	39.1	39.3	-

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>				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Nondurable goods</b> .....		7,876	7,851	7,749	7,824	7,813	5,504	5,483	5,425	5,486	5,472
Food and kindred products .....	20	1,673.2	1,710.9	1,626.7	1,663.9	1,707.8	1,218.0	1,254.7	1,184.1	1,215.4	1,256.1
Meat products .....	201	441.6	440.7	439.2	444.7	-	375.1	375.3	374.6	378.1	-
Meat packing plants .....	2011	137.3	135.4	133.1	133.3	-	115.1	114.2	112.7	113.0	-
Sausages and other prepared meats .....	2013	88.9	89.1	88.5	90.8	-	67.7	68.1	68.6	69.4	-
Poultry slaughtering and processing .....	2015	215.4	216.2	217.6	220.6	-	192.3	193.0	193.3	195.7	-
Dairy products .....	202	157.7	158.0	151.7	154.4	-	100.2	100.6	96.5	98.6	-
Cheese, natural and processed .....	2022	41.3	41.6	40.0	40.8	-	33.3	33.6	32.6	33.3	-
Fluid milk .....	2026	70.3	70.4	68.6	68.8	-	36.8	37.1	36.2	36.4	-
Preserved fruits and vegetables .....	203	238.9	274.6	224.5	242.3	-	197.9	231.9	183.9	200.5	-
Canned specialties .....	2032	22.0	23.4	21.4	21.8	-	18.0	18.6	17.5	18.3	-
Canned fruits and vegetables .....	2033	71.8	104.6	69.0	75.5	-	58.1	90.1	55.2	61.3	-
Frozen fruits and vegetables .....	2037	52.1	53.0	45.8	52.5	-	45.7	46.2	39.6	46.2	-
Grain mill products .....	204	127.6	125.7	125.2	125.3	-	90.6	89.4	89.1	89.3	-
Flour and other grain mill products .....	2041	19.7	19.8	19.5	19.5	-	13.2	13.3	13.2	13.2	-
Prepared feeds, nec .....	2048	42.0	41.8	41.4	41.5	-	26.7	26.6	25.9	26.2	-
Bakery products .....	205	209.5	209.6	209.5	211.3	-	134.8	135.1	136.6	138.7	-
Bread, cake, and related products .....	2051	150.5	150.3	150.3	150.7	-	90.1	90.1	90.5	91.1	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	59.0	59.3	59.2	60.6	-	44.7	45.0	46.1	47.6	-
Sugar and confectionery products .....	206	96.8	95.8	93.4	94.9	-	74.6	73.2	71.4	72.2	-
Raw cane sugar .....	2061	5.5	4.7	6.2	6.1	-	4.6	3.8	4.9	4.8	-
Cane sugar refining .....	2062	4.9	5.0	4.7	4.7	-	3.5	3.6	3.3	3.3	-
Beet sugar .....	2063	8.0	7.9	7.8	7.6	-	6.8	6.7	6.5	6.3	-
Candy and other confectionery products .....	2064	50.3	49.8	48.1	49.7	-	39.7	39.0	37.7	38.6	-
Fats and oils .....	207	31.6	31.6	31.3	31.1	-	21.0	20.8	20.8	20.6	-
Beverages .....	208	181.7	181.9	177.4	179.9	-	83.0	82.7	84.5	85.4	-
Malt beverages .....	2082	40.5	40.5	37.8	37.9	-	25.0	25.0	24.8	25.0	-
Bottled and canned soft drinks .....	2086	96.3	96.8	96.4	98.3	-	36.6	36.7	38.0	38.7	-
Misc. food and kindred products .....	209	188.0	193.0	174.5	180.0	-	140.8	145.7	126.7	132.0	-
Tobacco products .....	21	40.2	39.5	37.0	36.1	35.1	29.3	28.5	27.8	27.1	26.3
Cigarettes .....	211	30.1	29.8	27.5	27.0	-	22.6	22.3	21.4	20.9	-
Textile mill products .....	22	680.2	671.3	671.5	676.4	668.6	578.9	570.6	571.4	575.4	567.8
Broadwoven fabric mills, cotton .....	221	85.2	83.3	83.5	83.8	-	75.6	73.6	74.4	74.6	-
Broadwoven fabric mills, synthetics .....	222	70.3	69.5	70.0	70.4	-	59.4	58.5	59.1	59.7	-
Broadwoven fabric mills, wool .....	223	17.5	17.2	17.7	17.8	-	14.7	14.6	15.1	15.1	-
Narrow fabric mills .....	224	22.1	21.2	22.2	22.3	-	18.6	17.8	18.7	18.8	-
Knitting mills .....	225	205.3	203.1	195.6	197.7	-	177.8	175.8	168.9	170.7	-
Women's hosiery, except socks .....	2251	28.7	28.0	25.1	25.0	-	25.3	24.6	22.0	21.8	-
Hosiery, nec .....	2252	39.1	39.3	40.0	40.2	-	35.2	35.3	35.7	35.8	-
Knit outerwear mills .....	2253	60.6	60.5	56.5	57.5	-	52.6	52.8	48.5	49.5	-
Knit underwear mills .....	2254	26.5	25.9	24.8	24.7	-	22.8	22.3	21.7	21.6	-
Weft knit fabric mills .....	2257	28.5	27.7	27.2	27.8	-	24.1	23.3	23.0	23.5	-
Textile finishing, except wool .....	226	71.9	70.9	71.6	72.4	-	58.9	58.1	58.8	59.5	-
Finishing plants, cotton .....	2261	32.5	32.2	33.3	33.5	-	27.0	26.8	27.8	28.0	-
Finishing plants, synthetics .....	2262	24.7	24.2	24.0	24.2	-	19.7	19.2	19.0	19.3	-
Carpets and rugs .....	227	58.8	59.1	63.3	63.8	-	47.1	47.4	50.8	50.8	-
Yarn and thread mills .....	228	97.5	96.4	95.4	95.7	-	87.3	86.1	85.0	85.3	-
Yarn spinning mills .....	2281	76.4	75.7	73.8	74.1	-	69.0	68.1	66.6	66.8	-
Throwing and winding mills .....	2282	14.3	14.0	14.4	14.4	-	12.4	12.2	12.3	12.4	-
Miscellaneous textile goods .....	229	51.6	50.6	52.2	52.5	-	39.5	38.7	40.6	40.9	-
Apparel and other textile products .....	23	999.0	965.9	960.4	965.7	932.8	836.9	806.4	804.6	807.5	777.2
Men's and boys' suits and coats .....	231	42.4	41.2	41.0	41.0	-	35.2	33.7	34.3	34.2	-
Men's and boys' furnishings .....	232	277.7	268.6	264.6	266.7	-	239.4	230.7	228.3	230.3	-
Men's and boys' shirts .....	2321	66.7	62.1	60.9	61.5	-	57.4	52.6	52.3	52.9	-
Men's and boys' trousers and slacks .....	2325	82.6	80.6	79.1	79.7	-	72.1	70.6	68.7	69.3	-
Men's and boys' work clothing .....	2326	41.9	41.2	41.2	41.9	-	36.4	35.8	35.9	36.5	-
Women's and misses' outerwear .....	233	306.6	292.1	289.8	287.2	-	256.3	243.4	241.8	238.3	-
Women's and misses' blouses and shirts .....	2331	32.9	31.6	30.4	30.4	-	26.9	25.7	24.7	24.5	-
Women's, juniors', and misses' dresses .....	2335	52.8	49.2	49.2	48.2	-	42.5	39.2	39.6	38.4	-
Women's and misses' suits and coats .....	2337	37.0	36.2	31.2	31.7	-	31.0	30.3	25.3	25.7	-
Women's and misses' outerwear, nec .....	2339	183.9	175.1	179.0	176.9	-	155.9	148.2	152.2	149.7	-

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>				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Apparel and other textile products—Continued											
Women's and children's undergarments .....	234	54.2	53.5	52.4	53.3	-	44.7	44.1	43.5	44.1	-
Women's and children's underwear .....	2341	42.3	41.8	40.5	41.1	-	36.2	35.8	35.0	35.5	-
Brassieres, girdles, and allied garments .....	2342	11.9	11.7	11.9	12.2	-	8.5	8.3	8.5	8.6	-
Girls' and children's outerwear .....	236	49.6	48.5	44.2	45.7	-	42.0	41.2	37.4	38.8	-
Girls' and children's dresses and blouses .....	2361	20.7	20.5	18.0	18.6	-	17.7	17.5	15.3	15.8	-
Misc. apparel and accessories .....	238	42.9	41.4	41.0	40.9	-	34.9	33.3	33.6	33.2	-
Misc. fabricated textile products .....	239	204.2	199.4	206.2	209.6	-	166.8	162.3	168.0	170.8	-
Curtains and draperies .....	2391	21.5	21.1	21.7	22.1	-	17.2	16.7	17.1	17.5	-
House furnishings, nec .....	2392	50.4	49.9	50.6	50.9	-	42.8	42.5	42.9	43.0	-
Automotive and apparel trimmings .....	2396	51.9	49.6	53.9	54.9	-	42.2	39.8	43.6	44.5	-
Paper and allied products .....	26	696.6	693.4	681.2	688.7	687.2	526.0	524.7	515.8	522.7	521.2
Paper mills .....	262	173.5	172.9	166.7	168.8	-	132.7	132.2	128.4	130.2	-
Paperboard mills .....	263	52.2	51.8	49.7	50.6	-	40.1	39.7	38.3	38.9	-
Paperboard containers and boxes .....	265	213.5	211.4	211.6	213.3	-	166.8	165.5	165.0	166.8	-
Corrugated and solid fiber boxes .....	2653	123.7	122.4	125.1	125.9	-	93.4	92.6	94.3	95.0	-
Sanitary food containers .....	2656	17.2	17.1	16.5	16.7	-	15.1	15.1	14.5	14.8	-
Folding paperboard boxes .....	2657	49.4	48.8	47.9	48.2	-	39.8	39.4	39.0	39.3	-
Misc. converted paper products .....	267	243.8	243.8	240.2	243.0	-	175.9	176.8	174.0	176.9	-
Paper, coated and laminated, nec .....	2672	46.7	46.7	46.0	46.3	-	22.7	22.8	22.1	22.5	-
Bags: plastics, laminated, and coated .....	2673	37.7	37.4	37.9	38.2	-	28.2	28.1	28.3	28.8	-
Envelopes .....	2677	23.7	23.7	23.7	23.5	-	18.3	18.2	18.5	18.3	-
Printing and publishing .....	27	1,513.4	1,511.5	1,524.0	1,526.3	1,528.2	837.7	834.2	835.8	838.5	836.8
Newspapers .....	271	452.4	452.1	450.2	453.6	-	157.9	157.0	155.0	155.6	-
Periodicals .....	272	127.7	127.4	128.1	128.9	-	44.6	43.7	42.4	42.5	-
Books .....	273	120.4	120.4	124.9	124.6	-	68.0	65.3	67.7	67.5	-
Book publishing .....	2731	83.6	83.5	86.2	86.5	-	36.0	35.3	36.4	36.6	-
Book printing .....	2732	36.8	36.9	38.7	38.1	-	30.0	30.0	31.3	30.9	-
Miscellaneous publishing .....	274	79.6	79.7	81.1	79.5	-	38.2	38.1	38.5	38.1	-
Commercial printing .....	275	534.4	533.9	546.4	545.1	-	387.6	387.4	393.3	394.3	-
Commercial printing, lithographic .....	2752	348.3	347.9	354.3	354.5	-	251.7	251.3	254.1	254.9	-
Commercial printing, nec .....	2759	186.9	186.5	172.3	171.0	-	120.4	120.3	123.3	123.5	-
Manifold business forms .....	276	46.4	46.4	45.2	45.2	-	32.4	32.6	32.2	32.1	-
Blankbooks and bookbinding .....	278	69.1	68.2	67.6	68.6	-	52.6	52.0	52.0	53.0	-
Printing trade services .....	279	56.6	56.3	54.3	54.6	-	41.3	41.1	39.6	39.5	-
Chemicals and allied products .....	28	1,087.7	1,086.5	1,053.4	1,061.4	1,059.3	573.7	574.0	573.4	577.6	575.2
Industrial inorganic chemicals .....	281	135.9	135.9	130.4	131.0	-	58.5	58.3	55.3	55.4	-
Industrial inorganic chemicals, nec .....	2819	87.9	87.9	84.0	84.2	-	39.4	39.3	35.9	36.1	-
Plastics materials and synthetics .....	282	167.1	166.4	159.2	160.9	-	104.6	104.6	106.5	107.6	-
Plastics materials and resins .....	2821	81.5	81.2	78.8	80.2	-	50.6	50.6	50.2	51.5	-
Organic fibers, noncellulosic .....	2824	57.5	57.1	52.9	53.4	-	35.0	34.9	38.0	37.9	-
Drugs .....	283	267.0	267.2	263.8	266.2	-	117.2	117.3	121.6	122.1	-
Pharmaceutical preparations .....	2834	218.3	218.3	216.4	217.9	-	97.4	97.3	101.9	102.0	-
Soap, cleaners, and toilet goods .....	284	157.6	158.0	151.8	153.8	-	96.9	97.5	94.0	95.8	-
Soap and other detergents .....	2841	44.7	44.7	42.0	42.6	-	27.1	26.8	24.2	24.8	-
Polishing, sanitation, and finishing preparations .....	2842,3	43.7	43.9	43.8	44.3	-	25.2	25.6	25.8	26.2	-
Toilet preparations .....	2844	69.2	69.4	65.8	66.9	-	44.6	45.1	44.0	44.8	-
Paints and allied products .....	285	58.8	59.2	57.8	58.6	-	30.9	31.3	30.4	31.0	-
Industrial organic chemicals .....	286	152.3	152.1	144.0	143.8	-	78.8	79.3	79.4	79.4	-
Cyclic crudes and intermediates .....	2865	26.3	26.3	25.8	26.0	-	15.0	15.0	14.7	14.9	-
Industrial organic chemicals, nec .....	2869	123.1	123.0	115.5	115.1	-	61.7	62.2	62.7	62.5	-
Agricultural chemicals .....	287	56.9	56.1	56.9	56.7	-	32.6	32.0	33.3	32.7	-
Miscellaneous chemical products .....	289	92.1	91.6	89.7	90.4	-	54.2	53.7	52.9	53.6	-
Petroleum and coal products .....	29	154.3	154.2	148.5	150.0	150.7	101.7	101.3	97.1	98.2	98.4
Petroleum refining .....	291	112.9	113.0	108.5	108.8	-	72.8	72.6	69.8	69.9	-
Asphalt paving and roofing materials .....	295	28.9	28.6	27.7	28.8	-	22.4	22.2	20.9	21.9	-
Rubber and misc. plastics products .....	30	912.8	903.0	931.3	940.8	933.0	706.2	697.3	723.9	731.9	725.6
Tires and inner tubes .....	301	81.9	81.2	82.2	80.7	-	60.7	60.0	59.7	58.4	-
Rubber and plastics footwear .....	302	11.8	11.2	11.3	11.5	-	9.6	9.2	9.4	9.5	-
Hose, belting, gaskets, and packing .....	305	60.4	60.4	63.0	63.6	-	45.0	44.9	48.0	48.6	-
Rubber and plastics hose and belting .....	3052	23.9	23.6	24.9	25.1	-	18.4	18.1	19.5	19.8	-
Fabricated rubber products, nec .....	306	103.8	101.9	104.7	105.7	-	78.4	76.8	80.2	81.1	-
Miscellaneous plastics products, nec .....	308	654.9	648.3	670.1	679.3	-	512.5	506.4	526.6	534.3	-

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>				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Leather and leather products .....	31	118.7	114.4	114.5	115.1	110.4	95.3	91.5	91.2	91.6	87.3
Leather tanning and finishing .....	311	15.4	14.9	15.1	15.0	-	12.7	12.2	12.5	12.4	-
Footwear, except rubber .....	314	63.0	60.7	60.6	60.5	-	52.1	50.0	49.9	49.8	-
Men's footwear, except athletic .....	3143	30.7	30.1	28.7	28.4	-	24.2	23.8	22.3	22.2	-
Women's footwear, except athletic .....	3144	21.7	21.1	20.6	20.8	-	18.5	18.0	17.7	17.5	-
Luggage .....	316	11.1	10.5	10.2	10.5	-	8.2	7.9	7.7	7.9	-
Handbags and personal leather goods .....	317	12.4	11.7	12.2	12.5	-	8.9	8.1	8.3	8.6	-
<b>Transportation and public utilities .....</b>		<b>5,824</b>	<b>5,797</b>	<b>5,844</b>	<b>5,880</b>	<b>5,855</b>	<b>4,879</b>	<b>4,851</b>	<b>4,897</b>	<b>4,927</b>	<b>4,898</b>
Transportation .....		3,607	3,580	3,670	3,695	3,668	-	-	-	-	-
Railroad transportation .....	40	252.9	255.2	245.6	248.5	250.8	-	-	-	-	-
Class I railroads <sup>2</sup> .....	4011	220.2	222.2	213.4	215.9	-	-	-	-	-	-
Local and interurban passenger transit .....	41	374.8	321.8	398.8	386.1	330.7	343.6	291.0	367.0	354.6	-
Local and suburban transportation .....	411	172.1	171.5	176.0	178.6	-	156.6	155.8	160.0	162.2	-
Taxicabs .....	412	29.4	29.2	30.2	29.7	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	22.5	21.9	23.1	23.4	-	20.0	19.4	20.8	21.1	-
School buses .....	415	120.2	70.9	139.5	124.5	-	-	-	-	-	-
Trucking and warehousing .....	42	1,690.2	1,708.8	1,739.4	1,771.3	1,786.6	1,465.5	1,482.1	1,510.4	1,538.1	-
Trucking and courier services, except air .....	421	1,562.4	1,580.7	1,607.9	1,637.8	-	1,359.1	1,375.7	1,400.1	1,426.4	-
Public warehousing and storage .....	422	123.7	124.0	127.0	128.9	-	102.8	102.8	106.3	107.6	-
Water transportation .....	44	172.7	175.2	170.6	172.1	177.1	-	-	-	-	-
Water transportation of freight, nec .....	444	13.5	13.1	12.1	11.9	-	-	-	-	-	-
Water transportation services .....	449	110.8	113.0	111.7	111.9	-	98.2	100.0	99.9	100.0	-
Transportation by air .....	45	740.1	743.1	732.0	732.5	736.3	-	-	-	-	-
Air transportation, scheduled .....	451	608.5	610.4	602.6	602.6	-	-	-	-	-	-
Air transportation, scheduled .....	4512	500.5	502.3	486.7	487.1	-	-	-	-	-	-
Airports, flying fields, and services .....	458	99.6	100.5	97.4	97.6	-	-	-	-	-	-
Pipelines, except natural gas .....	46	18.7	18.7	17.6	18.0	18.1	14.5	14.5	13.6	14.0	-
Transportation services .....	47	357.8	356.8	365.7	366.7	368.8	281.4	279.1	289.4	289.5	-
Passenger transportation arrangement .....	472	185.8	185.7	195.2	194.5	-	146.0	145.2	155.9	155.1	-
Travel agencies .....	4724	149.9	150.0	158.4	157.9	-	116.6	116.1	125.5	125.0	-
Freight transportation arrangement .....	473	138.2	137.3	137.7	138.8	-	107.1	106.0	106.7	107.1	-
Communications and public utilities .....		2,217	2,217	2,174	2,185	2,187	-	-	-	-	-
Communications .....	48	1,262.4	1,280.7	1,251.4	1,257.2	1,254.8	983.1	981.8	958.7	963.9	-
Telephone communications .....	481	873.3	871.4	857.2	860.9	-	662.0	660.8	635.4	638.9	-
Telephone communications, except radio .....	4813	812.2	809.6	785.7	787.6	-	617.0	615.2	581.9	583.9	-
Radio and television broadcasting .....	483	229.6	230.3	230.5	232.0	-	192.0	192.9	192.8	193.9	-
Radio broadcasting stations .....	4832	114.2	114.1	112.1	113.4	-	-	-	-	-	-
Television broadcasting stations .....	4833	115.4	116.2	118.4	118.6	-	-	-	-	-	-
Cable and other pay television services .....	484	135.3	134.7	138.9	139.1	-	114.4	113.6	117.0	117.5	-
Electric, gas, and sanitary services .....	49	954.2	956.4	922.7	928.1	932.6	752.1	755.7	727.0	732.9	-
Electric services .....	491	433.2	433.1	418.0	419.0	-	338.2	339.8	324.4	326.4	-
Gas production and distribution .....	492	163.1	163.7	159.2	161.1	-	128.0	128.3	123.5	125.4	-
Combination utility services .....	493	191.8	192.3	181.7	182.8	-	145.6	146.3	140.4	141.2	-
Sanitary services .....	495	134.9	135.6	133.2	134.0	-	115.7	116.5	114.8	115.5	-
<b>Wholesale trade .....</b>		<b>5,991</b>	<b>6,004</b>	<b>6,043</b>	<b>6,088</b>	<b>6,093</b>	<b>4,835</b>	<b>4,847</b>	<b>4,872</b>	<b>4,919</b>	<b>4,922</b>
Durable goods .....	50	3,427	3,434	3,452	3,475	3,477	2,736	2,745	2,757	2,781	-
Motor vehicles, parts, and supplies .....	501	451.4	454.8	465.8	469.6	-	363.4	367.3	377.3	380.8	-
Automobiles and other motor vehicles .....	5012	112.2	112.8	116.5	116.9	-	-	-	-	-	-
Motor vehicle supplies and new parts .....	5013	268.5	271.1	277.3	280.7	-	-	-	-	-	-
Furniture and home furnishings .....	502	136.9	137.7	146.2	147.5	-	108.8	109.7	115.6	116.6	-
Furniture .....	5021	63.0	63.1	67.3	67.5	-	-	-	-	-	-
Home furnishings .....	5023	73.9	74.6	78.9	80.0	-	-	-	-	-	-

See footnotes at end of table.



**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Wholesale trade—Continued</b>											
<b>Durable goods—Continued</b>											
Lumber and other construction materials .....	503	218.8	221.1	229.4	232.2	-	178.1	180.2	187.9	190.9	-
Lumber, plywood, and millwork .....	5031	113.8	115.0	121.4	122.6	-	-	-	-	-	-
Construction materials, nec .....	5039	34.9	34.9	37.0	37.3	-	-	-	-	-	-
Professional and commercial equipment .....	504	759.1	757.7	738.2	741.0	-	614.5	613.7	590.7	593.2	-
Office equipment .....	5044	185.5	185.6	186.2	186.9	-	-	-	-	-	-
Computers, peripherals and software .....	5045	283.3	276.7	251.9	252.1	-	-	-	-	-	-
Medical and hospital equipment .....	5047	156.9	159.1	167.2	167.4	-	128.8	130.6	136.2	137.3	-
Metals and minerals, except petroleum .....	505	132.2	132.5	135.4	136.8	-	105.4	105.7	108.8	109.9	-
Electrical goods .....	506	446.4	445.9	443.2	444.6	-	347.2	347.1	345.3	347.2	-
Electrical apparatus and equipment .....	5063	193.7	193.7	195.0	195.8	-	-	-	-	-	-
Electrical appliances, television and radio sets .....	5064	49.2	49.1	47.3	47.0	-	-	-	-	-	-
Electronic parts and equipment .....	5065	203.5	203.1	200.9	201.8	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	266.5	266.5	274.4	276.7	-	212.8	215.2	221.0	223.4	-
Hardware .....	5072	93.1	93.4	95.8	96.4	-	-	-	-	-	-
Plumbing and hydronic heating supplies .....	5074	107.1	107.7	109.5	110.5	-	-	-	-	-	-
Machinery, equipment, and supplies .....	508	726.1	725.6	716.6	720.6	-	573.4	572.9	565.9	570.6	-
Construction and mining machinery .....	5082	72.8	73.4	72.9	73.6	-	-	-	-	-	-
Farm and garden machinery .....	5083	114.1	114.0	113.5	114.9	-	-	-	-	-	-
Industrial machinery and equipment .....	5084	290.5	291.0	288.9	289.4	-	-	-	-	-	-
Industrial supplies .....	5085	138.0	137.8	134.8	135.5	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	289.8	289.9	302.9	306.1	-	232.8	233.1	244.5	248.3	-
Scrap and waste materials .....	5093	105.8	106.4	111.1	113.0	-	-	-	-	-	-
<b>Nondurable goods .....</b>	<b>51</b>	<b>2,564</b>	<b>2,570</b>	<b>2,591</b>	<b>2,613</b>	<b>2,616</b>	<b>2,099</b>	<b>2,102</b>	<b>2,115</b>	<b>2,138</b>	<b>-</b>
Paper and paper products .....	511	244.3	245.6	257.1	259.2	-	198.7	199.5	210.9	212.1	-
Stationery and office supplies .....	5112	133.6	134.5	142.9	143.6	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	199.8	199.7	197.4	198.9	-	165.6	165.4	161.9	162.6	-
Apparel, piece goods, and notions .....	513	205.9	205.9	200.3	201.6	-	162.4	162.3	157.1	158.5	-
Groceries and related products .....	514	852.6	857.0	865.6	879.8	-	718.8	723.8	722.8	737.9	-
Groceries, general line .....	5141	274.5	276.1	277.4	280.4	-	-	-	-	-	-
Meats and meat products .....	5147	60.0	59.9	60.3	60.9	-	-	-	-	-	-
Fresh fruits and vegetables .....	5148	100.3	100.0	97.0	103.1	-	-	-	-	-	-
Farm-product raw materials .....	515	111.4	110.8	110.8	111.1	-	90.6	89.7	90.0	90.4	-
Chemicals and allied products .....	516	142.1	141.1	136.3	137.2	-	107.2	106.3	102.8	104.0	-
Petroleum and petroleum products .....	517	164.7	165.6	170.4	171.9	-	132.7	132.6	138.0	139.3	-
Petroleum bulk stations and terminals .....	5171	67.4	67.9	69.6	70.5	-	-	-	-	-	-
Petroleum products, nec .....	5172	97.3	97.7	100.8	101.4	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	149.9	151.4	150.4	154.0	-	122.9	123.9	122.7	125.6	-
Beer and ale .....	5181	98.2	99.3	99.0	101.8	-	-	-	-	-	-
Wine and distilled beverages .....	5182	51.7	52.1	51.4	52.2	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	493.8	492.4	502.4	499.5	-	399.7	398.5	408.6	407.1	-
Farm supplies .....	5191	163.2	161.0	170.1	166.2	-	-	-	-	-	-
<b>Retail trade .....</b>	<b>52</b>	<b>19,888</b>	<b>19,864</b>	<b>20,189</b>	<b>20,481</b>	<b>20,487</b>	<b>17,541</b>	<b>17,510</b>	<b>17,755</b>	<b>18,031</b>	<b>18,013</b>
Building materials and garden supplies .....	52	813.3	810.8	862.6	877.3	872.9	678.3	674.9	720.7	735.0	-
Lumber and other building materials .....	521	465.2	473.1	500.3	515.6	-	394.1	400.7	424.2	439.4	-
Paint, glass, and wallpaper stores .....	523	66.3	66.4	88.1	68.6	-	51.4	52.0	52.8	53.2	-
Hardware stores .....	525	157.5	156.9	159.2	160.6	-	129.6	129.0	131.5	133.2	-
Retail nurseries and garden stores .....	526	97.1	86.7	103.9	100.0	-	81.6	71.2	87.5	83.4	-
General merchandise stores .....	53	2,396.9	2,407.3	2,362.4	2,390.6	2,402.6	2,238.7	2,245.7	2,204.1	2,230.0	-
Department stores .....	531	2,055.8	2,068.6	2,042.8	2,069.0	-	1,935.8	1,945.2	1,921.3	1,945.7	-
Variety stores .....	533	153.4	151.6	134.8	135.5	-	137.9	136.5	119.6	119.9	-
Miscellaneous general merchandise stores .....	539	187.7	187.1	184.8	186.1	-	165.0	164.0	163.2	164.4	-
Food stores .....	54	3,236.3	3,233.3	3,223.8	3,255.9	3,260.0	2,951.4	2,947.4	2,932.1	2,961.1	-
Grocery stores .....	541	2,889.1	2,887.7	2,862.3	2,884.3	-	2,850.6	2,848.3	2,820.7	2,840.6	-
Meat and fish markets .....	542	47.2	47.6	50.4	51.1	-	-	-	-	-	-
Dairy products stores .....	545	16.6	16.9	17.3	18.3	-	-	-	-	-	-
Retail bakeries .....	546	167.6	165.1	173.5	176.3	-	149.3	147.3	153.7	155.8	-
Automotive dealers and service stations .....	55	2,031.4	2,049.2	2,141.0	2,166.8	2,181.7	1,691.1	1,707.3	1,784.7	1,807.4	-
New and used car dealers .....	551	909.7	917.2	969.4	978.2	-	758.1	764.8	808.6	816.1	-

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>				
		June 1993	July 1993	May 1994	June 1994 <sup>p</sup>	July 1994 <sup>p</sup>	June 1993	July 1993	May 1994	June 1994 <sup>p</sup>	July 1994 <sup>p</sup>
<b>Retail trade—Continued</b>											
<b>Automotive dealers and service stations—Continued</b>											
Auto and home supply stores .....	553	344.5	347.6	361.6	366.7	-	273.0	276.1	289.0	293.6	-
Gasoline service stations .....	554	620.5	625.8	630.4	637.9	-	534.7	539.9	543.4	550.1	-
Automotive dealers, nec .....	559	6.9	6.8	5.6	5.5	-	5.8	5.8	4.7	4.7	-
<b>Apparel and accessory stores .....</b>	<b>56</b>	<b>1,137.8</b>	<b>1,139.7</b>	<b>1,123.0</b>	<b>1,135.0</b>	<b>1,135.4</b>	<b>936.0</b>	<b>937.8</b>	<b>913.8</b>	<b>925.9</b>	<b>-</b>
Men's and boys' clothing stores .....	561	86.4	85.2	84.7	85.0	-	69.8	68.6	67.6	68.3	-
Women's clothing stores .....	562	360.1	358.9	353.0	351.5	-	293.8	292.4	284.2	283.5	-
Family clothing stores .....	565	310.9	313.6	311.4	319.6	-	267.2	269.6	265.1	272.7	-
Shoe stores .....	566	210.7	211.4	207.0	209.4	-	165.4	166.4	160.8	163.0	-
<b>Furniture and home furnishings stores .....</b>	<b>57</b>	<b>816.7</b>	<b>821.2</b>	<b>872.0</b>	<b>880.0</b>	<b>891.2</b>	<b>662.4</b>	<b>665.9</b>	<b>705.7</b>	<b>713.0</b>	<b>-</b>
Furniture and home furnishings stores .....	571	445.8	448.5	483.4	487.5	-	361.7	364.1	391.9	395.8	-
Furniture stores .....	5712	267.2	269.1	291.4	293.8	-	-	-	-	-	-
Household appliance stores .....	572	73.8	74.1	71.1	71.5	-	60.0	60.2	57.4	58.0	-
Radio, television, and computer stores .....	573	297.1	298.6	317.5	321.0	-	240.7	241.6	256.4	259.2	-
Radio, television, and electronic stores .....	5731	123.3	124.7	136.3	137.9	-	101.0	102.0	111.1	113.3	-
Record and prerecorded tape stores .....	5735	65.7	66.2	67.7	68.4	-	52.7	52.7	53.5	53.7	-
<b>Eating and drinking places .....</b>	<b>58</b>	<b>7,028.5</b>	<b>6,985.6</b>	<b>7,139.8</b>	<b>7,302.5</b>	<b>7,277.6</b>	<b>6,372.9</b>	<b>6,329.7</b>	<b>6,450.6</b>	<b>6,607.5</b>	<b>-</b>
<b>Miscellaneous retail establishments .....</b>	<b>59</b>	<b>2,425.1</b>	<b>2,416.6</b>	<b>2,464.5</b>	<b>2,472.4</b>	<b>2,466.0</b>	<b>2,010.6</b>	<b>2,001.4</b>	<b>2,043.7</b>	<b>2,051.0</b>	<b>-</b>
Drug stores and proprietary stores .....	591	590.3	588.5	586.5	587.7	-	493.5	492.0	489.2	490.1	-
Liquor stores .....	592	113.3	114.9	113.0	114.2	-	-	-	-	-	-
Used merchandise stores .....	593	85.6	86.0	91.0	91.3	-	70.5	71.5	75.9	76.0	-
Miscellaneous shopping goods stores .....	594	845.1	846.4	869.2	876.5	-	698.7	699.4	721.2	727.8	-
Sporting goods and bicycle shops .....	5941	159.4	162.6	177.3	180.6	-	-	-	-	-	-
Book stores .....	5942	95.6	94.3	104.0	99.4	-	-	-	-	-	-
Stationery stores .....	5943	69.8	69.0	72.5	72.1	-	-	-	-	-	-
Jewelry stores .....	5944	133.0	131.2	134.6	134.2	-	-	-	-	-	-
Gift, novelty, and souvenir shops .....	5947	199.5	202.6	192.2	200.0	-	-	-	-	-	-
Sewing, needlework, and piece goods .....	5949	61.0	58.9	55.6	56.4	-	-	-	-	-	-
Nonstore retailers .....	596	277.1	273.2	263.3	265.9	-	235.2	231.1	221.9	223.4	-
Catalog and mail-order houses .....	5961	156.6	153.7	142.2	143.7	-	-	-	-	-	-
Merchandising machine operators .....	5962	71.5	70.0	72.4	72.4	-	-	-	-	-	-
Fuel dealers .....	598	96.1	95.5	98.2	97.7	-	79.8	79.2	60.8	60.3	-
Retail stores, nec .....	599	417.6	412.1	443.3	439.1	-	340.9	334.6	363.3	360.9	-
Florists, tobacco stores, and newsstands .....	5992,3,4	136.1	131.8	153.6	141.1	-	-	-	-	-	-
Optical goods stores .....	5995	61.1	61.0	61.8	62.3	-	48.1	47.8	49.4	50.1	-
Miscellaneous retail stores, nec .....	5999	220.4	219.3	227.9	235.7	-	178.3	176.2	181.9	190.8	-
<b>Finance, insurance, and real estate<sup>3</sup> .....</b>	<b>60-67</b>	<b>6,769</b>	<b>6,800</b>	<b>6,790</b>	<b>6,867</b>	<b>6,886</b>	<b>4,923</b>	<b>4,959</b>	<b>4,945</b>	<b>5,016</b>	<b>5,036</b>
<b>Finance .....</b>	<b>60-67</b>	<b>3,229</b>	<b>3,244</b>	<b>3,253</b>	<b>3,280</b>	<b>3,283</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Depository institutions .....</b>	<b>60</b>	<b>2,093.8</b>	<b>2,098.4</b>	<b>2,035.3</b>	<b>2,051.2</b>	<b>2,055.0</b>	<b>1,516.4</b>	<b>1,522.3</b>	<b>1,466.3</b>	<b>1,481.4</b>	<b>-</b>
Commercial banks .....	602	1,510.0	1,515.3	1,482.6	1,497.9	-	1,078.0	1,083.7	1,052.7	1,067.0	-
State commercial banks .....	6022	620.0	622.8	615.4	624.4	-	444.5	447.9	440.7	449.0	-
National and commercial banks, nec .....	6021,9	890.0	892.5	867.2	873.5	-	633.5	635.8	612.0	618.0	-
Savings institutions .....	603	316.3	314.6	279.1	277.6	-	-	-	-	-	-
Federal savings institutions .....	6035	169.0	167.8	149.2	148.1	-	-	-	-	-	-
Savings institutions, except federal .....	6036	147.3	146.8	129.9	129.5	-	-	-	-	-	-
Credit unions .....	606	144.1	144.5	146.7	147.9	-	114.6	115.1	116.3	117.5	-
<b>Nondepository institutions .....</b>	<b>61</b>	<b>445.0</b>	<b>449.1</b>	<b>485.9</b>	<b>486.6</b>	<b>482.0</b>	<b>335.6</b>	<b>339.7</b>	<b>360.3</b>	<b>359.9</b>	<b>-</b>
Personal credit institutions .....	614	127.3	128.0	131.4	133.5	-	94.7	95.1	95.2	97.2	-
Business credit institutions .....	615	81.4	81.1	79.5	79.7	-	-	-	-	-	-
Mortgage bankers and brokers .....	616	218.3	221.8	255.6	253.9	-	-	-	-	-	-
<b>Security and commodity brokers .....</b>	<b>62</b>	<b>467.4</b>	<b>472.9</b>	<b>500.4</b>	<b>507.7</b>	<b>510.5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Security brokers and dealers .....	621	356.2	361.1	383.0	388.2	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges .....	622,3	23.2	23.3	25.6	26.5	-	-	-	-	-	-
Security and commodity services .....	628	88.0	88.5	91.8	93.0	-	56.8	57.5	60.3	61.4	-
<b>Holding and other investment offices .....</b>	<b>67</b>	<b>223.1</b>	<b>224.0</b>	<b>231.6</b>	<b>234.8</b>	<b>235.0</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Holding offices .....	671	104.1	104.5	103.3	104.5	-	-	-	-	-	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Finance, insurance, and real estate—Continued</b>											
Insurance .....	63,64	2,188	2,193	2,185	2,193	2,194	-	-	-	-	-
Insurance carriers .....	63	1,522.6	1,527.7	1,522.0	1,527.5	1,526.5	1,046.6	1,055.3	1,073.5	1,081.5	-
Life insurance .....	631	584.9	584.9	548.6	549.1	-	352.8	356.3	358.1	360.4	-
Medical service and health insurance .....	632	278.9	280.6	285.9	287.4	-	227.9	228.9	231.5	233.5	-
Hospital and medical service plans .....	6324	217.9	219.2	224.5	225.6	-	182.3	183.3	185.9	187.4	-
Fire, marine, and casualty insurance .....	633	545.5	546.1	534.7	539.5	-	356.3	357.7	357.2	362.4	-
Title insurance .....	636	74.5	76.8	91.9	90.4	-	-	-	-	-	-
Insurance agents, brokers, and service .....	64	665.5	665.3	663.0	665.9	667.3	-	-	-	-	-
Real estate .....	65	1,352	1,363	1,352	1,394	1,409	-	-	-	-	-
Real estate operators and lessors .....	651	576.9	581.5	570.7	587.5	-	-	-	-	-	-
Real estate agents and managers .....	653	622.0	629.5	626.6	649.3	-	-	-	-	-	-
Subdividers and developers .....	655	119.2	118.5	118.6	121.8	-	-	-	-	-	-
<b>Services .....</b>		<b>30,476</b>	<b>30,622</b>	<b>31,706</b>	<b>32,052</b>	<b>32,189</b>	<b>26,627</b>	<b>26,764</b>	<b>27,712</b>	<b>28,030</b>	<b>28,128</b>
Agricultural services .....	07	574.0	570.7	598.0	621.2	618.2	483.6	480.4	505.7	526.7	-
Veterinary services .....	074	148.7	149.9	149.0	153.1	-	124.2	125.0	124.3	127.8	-
Landscape and horticultural services .....	078	380.7	375.7	404.3	421.9	-	323.0	318.5	344.8	361.0	-
Hotels and other lodging places .....	70	1,677.4	1,709.2	1,616.9	1,711.4	1,741.2	-	-	-	-	-
Hotels and motels .....	701	1,609.5	1,629.3	1,564.3	1,632.1	-	1,424.4	1,442.9	1,377.3	1,444.6	-
Personal services .....	72	1,108.7	1,098.7	1,109.1	1,101.8	1,092.7	-	-	-	-	-
Laundry, cleaning, and garment services .....	721	427.4	425.9	432.2	436.6	-	379.9	377.8	382.2	386.8	-
Photographic studios, portrait .....	722	72.2	72.2	77.0	77.2	-	-	-	-	-	-
Beauty shops .....	723	385.5	384.5	382.8	381.4	-	344.7	343.1	343.0	340.9	-
Funeral service and crematories .....	726	87.8	87.9	88.9	89.2	-	-	-	-	-	-
Miscellaneous personal services .....	729	116.5	109.1	109.9	99.2	-	97.4	91.0	92.1	82.2	-
Business services .....	73	5,781.9	5,826.0	6,341.2	6,482.7	6,523.8	5,126.4	5,168.9	5,647.4	5,761.5	-
Advertising .....	731	229.1	229.8	236.4	239.9	-	167.3	168.1	172.7	176.1	-
Advertising agencies .....	7311	153.7	154.7	158.4	160.8	-	-	-	-	-	-
Credit reporting and collection .....	732	115.5	116.1	115.5	115.5	-	-	-	-	-	-
Mailing, reproduction, and stenographic services .....	733	246.4	248.7	277.6	278.3	-	-	-	-	-	-
Photocopying and duplicating services .....	7334	56.5	56.8	62.4	62.7	-	46.2	46.5	51.0	51.1	-
Services to buildings .....	734	836.4	833.7	887.4	883.7	-	751.3	747.9	778.6	793.9	-
Disinfecting and pest control services .....	7342	79.1	79.0	81.5	83.1	-	62.4	62.6	64.2	65.9	-
Building maintenance services, nec .....	7349	757.3	754.7	785.9	800.8	-	688.9	685.3	714.4	728.0	-
Miscellaneous equipment rental and leasing .....	735	217.5	219.6	233.9	239.8	-	174.6	176.1	186.9	192.9	-
Medical equipment rental .....	7352	32.1	32.5	36.1	36.9	-	25.2	25.5	28.1	29.3	-
Heavy construction equipment rental .....	7353	39.0	39.8	41.5	42.6	-	32.9	33.7	35.1	36.0	-
Equipment rental and leasing, nec .....	7359	146.4	147.3	156.3	160.3	-	116.5	116.9	123.7	127.6	-
Personnel supply services .....	736	1,910.3	1,945.6	2,285.6	2,358.8	2,394.9	-	-	-	-	-
Employment agencies .....	7361	248.1	255.6	312.8	322.5	-	-	-	-	-	-
Help supply services .....	7363	1,662.2	1,690.0	1,972.8	2,034.3	-	1,611.2	1,639.2	1,916.8	1,978.0	-
Computer and data processing services .....	737	898.2	907.2	968.4	979.2	-	727.4	735.7	784.9	793.5	-
Computer programming services .....	7371	187.4	189.5	203.6	205.9	-	154.4	156.3	171.6	173.6	-
Prepackaged software .....	7372	144.0	146.5	151.2	152.7	-	-	-	-	-	-
Computer integrated systems design .....	7373	110.7	111.8	118.5	120.4	-	83.1	84.0	88.6	90.4	-
Data processing and preparation .....	7374	210.9	212.5	227.3	228.1	-	-	-	-	-	-
Information retrieval services .....	7375	49.0	49.3	55.2	56.3	-	39.4	39.0	42.2	42.7	-
Computer maintenance and repair .....	7378	41.8	41.4	42.2	43.1	-	34.9	34.7	35.0	35.5	-
Miscellaneous business services .....	738	1,328.5	1,325.3	1,356.4	1,369.5	-	1,165.7	1,162.7	1,189.4	1,200.0	-
Detective and armored car services .....	7381	483.5	484.5	502.4	502.3	-	450.8	452.3	469.6	469.6	-
Security systems services .....	7382	41.5	42.0	41.2	41.7	-	35.6	35.7	35.3	35.7	-
Photofinishing laboratories .....	7384	72.4	72.6	71.2	71.6	-	-	-	-	-	-
Auto repair, services, and parking .....	75	949.1	955.4	1,031.8	1,049.5	1,055.6	780.3	787.8	849.6	865.5	-
Automotive rentals, without drivers .....	751	172.6	173.7	189.6	194.8	-	138.7	140.3	154.0	159.5	-
Passenger car rental .....	7514	105.7	106.7	117.1	121.0	-	85.2	86.1	96.4	100.1	-
Automobile parking .....	752	61.0	60.1	61.3	62.7	-	54.2	53.3	54.6	55.9	-
Automotive repair shops .....	753	537.2	543.4	584.8	593.4	-	434.5	441.7	473.7	480.4	-
Automotive and tire repair shops .....	7532,4	185.4	186.8	202.7	205.4	-	151.2	153.7	166.9	168.6	-
General automotive repair shops .....	7538	225.7	229.5	245.7	249.6	-	184.0	187.6	199.0	202.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Services—Continued</b>											
Auto repair, services, and parking—Continued											
Automotive services, except repair .....	754	178.3	178.2	196.1	198.6	-	152.9	152.5	167.3	169.7	-
Carwashes .....	7542	103.6	102.0	114.2	115.8	-	90.9	89.6	100.3	102.0	-
Miscellaneous repair services .....	76	364.4	366.9	378.0	382.4	385.2	296.1	299.0	305.6	309.6	-
Electrical repair shops .....	762	110.4	111.6	115.8	117.0	-	-	-	-	-	-
Motion pictures .....	78	414.7	418.7	468.3	483.6	494.0	343.0	349.0	389.1	402.5	-
Motion picture production and services .....	781	145.8	147.6	196.3	200.8	-	115.6	118.6	160.9	164.1	-
Motion picture theaters .....	783	120.3	121.9	114.3	123.7	-	-	-	-	-	-
Video tape rental .....	784	133.1	134.0	141.9	143.1	-	109.0	110.3	116.8	117.9	-
Amusement and recreation services .....	79	1,408.7	1,445.8	1,329.4	1,458.7	1,480.0	1,249.0	1,281.4	1,168.6	1,292.7	-
Bowling centers .....	793	75.2	72.8	82.3	73.5	-	66.1	63.7	73.1	64.6	-
Misc. amusement and recreation services .....	799	1,044.2	1,084.6	947.1	1,077.0	-	934.3	971.9	837.9	961.6	-
Physical fitness facilities .....	7991	126.3	127.3	129.6	129.5	-	112.7	113.5	116.8	115.8	-
Membership sports and recreation clubs .....	7997	355.5	368.4	316.4	371.9	-	316.0	328.5	278.3	330.9	-
Health services .....	80	8,781.3	8,814.6	8,988.8	9,049.0	9,076.0	7,798.9	7,824.4	7,963.4	8,020.5	-
Offices and clinics of medical doctors .....	801	1,514.9	1,521.3	1,552.3	1,562.6	-	1,240.8	1,243.8	1,268.6	1,277.5	-
Offices and clinics of dentists .....	802	560.1	562.6	585.9	592.3	-	489.9	492.7	512.7	518.5	-
Offices and clinics of other health practitioners .....	804	354.7	359.2	386.3	391.7	-	292.3	296.4	319.0	323.9	-
Offices and clinics of chiropractors and optometrists .....	8041,2	154.7	157.4	166.6	167.7	-	-	-	-	-	-
Nursing and personal care facilities .....	805	1,579.0	1,584.6	1,620.9	1,634.9	-	1,425.7	1,430.6	1,459.7	1,474.2	-
Skilled nursing care facilities .....	8051	1,129.3	1,133.7	1,161.2	1,171.6	-	-	-	-	-	-
Intermediate care facilities .....	8052	223.4	223.3	227.9	230.1	-	201.4	201.0	204.5	206.7	-
Nursing and personal care, nec .....	8059	226.3	227.6	231.8	233.2	-	-	-	-	-	-
Hospitals .....	806	3,801.8	3,808.2	3,782.4	3,799.5	3,806.5	3,488.1	3,492.0	3,460.0	3,477.5	-
General medical and surgical hospitals .....	8062	3,498.8	3,504.7	3,483.3	3,499.5	-	-	-	-	-	-
Psychiatric hospitals .....	8063	97.8	96.6	94.5	95.0	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric .....	8069	205.2	206.9	204.6	205.0	-	-	-	-	-	-
Medical and dental laboratories .....	807	190.0	192.3	200.5	202.1	-	-	-	-	-	-
Home health care services .....	808	460.9	466.5	527.6	533.5	-	427.4	433.0	489.5	493.0	-
Legal services .....	81	944.7	945.7	935.9	955.8	958.7	763.5	763.9	749.9	768.2	-
Educational services .....	82	1,526.6	1,466.1	1,771.8	1,578.4	1,509.7	-	-	-	-	-
Elementary and secondary schools .....	821	479.7	451.8	513.3	494.7	-	-	-	-	-	-
Colleges and universities .....	822	841.6	805.8	1,047.5	875.3	-	-	-	-	-	-
Vocational schools .....	824	74.1	71.8	77.2	75.5	-	-	-	-	-	-
Social services .....	83	2,075.4	2,094.5	2,242.1	2,238.4	2,245.0	1,794.4	1,818.1	1,940.3	1,937.2	-
Individual and family services .....	832	562.8	575.3	585.0	587.5	-	488.1	500.3	507.9	509.9	-
Job training and related services .....	833	287.9	306.6	290.5	304.9	-	243.3	260.6	244.7	257.5	-
Child day care services .....	835	464.8	442.7	555.6	529.2	-	410.5	389.5	491.2	467.2	-
Residential care .....	836	574.0	577.0	609.8	620.7	-	502.5	504.8	531.2	540.7	-
Social services, nec .....	839	185.9	192.9	201.2	196.1	-	150.0	162.9	165.3	161.9	-
Museums and botanical and zoological gardens .....	84	81.4	82.4	81.9	85.5	86.7	-	-	-	-	-
Membership organizations .....	86	2,067.1	2,098.6	2,046.8	2,085.0	2,122.8	-	-	-	-	-
Business associations .....	861	105.4	106.1	105.7	107.2	-	-	-	-	-	-
Professional organizations .....	862	53.5	53.1	54.8	55.3	-	38.2	37.7	38.9	39.3	-
Labor organizations .....	863	141.8	136.7	137.1	136.8	-	-	-	-	-	-
Civic and social associations .....	864	465.7	501.7	444.8	476.7	-	-	-	-	-	-
Engineering and management services .....	87	2,544.8	2,553.8	2,592.3	2,613.7	2,624.4	1,950.2	1,958.0	1,990.9	2,012.3	-
Engineering and architectural services .....	871	770.2	772.8	781.8	797.8	-	633.6	636.5	643.7	657.9	-
Engineering services .....	8711	605.2	606.9	611.4	622.2	-	501.9	504.2	508.1	517.7	-
Architectural services .....	8712	114.6	114.4	117.7	120.7	-	89.7	89.3	91.5	94.1	-
Surveying services .....	8713	50.4	51.5	52.7	54.9	-	42.0	43.0	44.1	46.1	-
Accounting, auditing, and bookkeeping .....	872	500.6	500.0	519.6	516.8	-	365.4	363.0	379.6	377.5	-

See footnotes at end of table.

**ESTABLISHMENT DATA  
EMPLOYMENT  
NOT SEASONALLY ADJUSTED**

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

(in thousands)

Industry	1987 SIC Code	All employees					Production workers <sup>1</sup>				
		June 1993	July 1993	May 1994	June 1994 <sup>p</sup>	July 1994 <sup>p</sup>	June 1993	July 1993	May 1994	June 1994 <sup>p</sup>	July 1994 <sup>p</sup>
<b>Services—Continued</b>											
<b>Engineering and management services—Continued</b>											
Research and testing services .....	873	579.1	582.8	576.4	584.6	-	436.4	440.9	439.8	447.7	-
Commercial physical research .....	8731	242.9	244.4	237.7	240.1	-	171.2	174.0	173.2	175.9	-
Commercial nonphysical research .....	8732	106.9	106.2	112.6	114.5	-	85.0	84.6	89.4	90.6	-
Noncommercial research organizations .....	8733	147.0	148.9	145.1	147.9	-	114.2	115.6	112.5	115.1	-
Management and public relations .....	874	694.9	698.2	714.5	714.5	-	514.8	517.6	527.8	529.2	-
Management services .....	8741	262.9	263.3	264.6	264.6	-	189.5	189.5	188.4	188.8	-
Management consulting services .....	8742	226.1	227.6	234.6	234.7	-	162.0	163.5	173.8	175.2	-
Public relations services .....	8743	32.5	32.1	33.2	33.3	-	23.5	23.2	23.2	23.3	-
Services, nec .....	89	41.4	41.0	39.9	40.7	40.9	32.6	32.4	31.7	32.4	-
<b>Government .....</b>		<b>18,873</b>	<b>17,829</b>	<b>19,402</b>	<b>19,091</b>	<b>17,996</b>	-	-	-	-	-
<b>Federal Government<sup>4</sup> .....</b>		<b>2,933</b>	<b>2,928</b>	<b>2,873</b>	<b>2,883</b>	<b>2,879</b>	-	-	-	-	-
Executive, by agency <sup>4</sup> .....		2,865.8	2,860.4	2,808.1	-	-	-	-	-	-	-
Department of Defense .....		876.6	870.4	832.6	-	-	-	-	-	-	-
Postal Service <sup>5</sup> .....		779.9	783.2	805.5	-	-	-	-	-	-	-
Other executive agencies .....		1,209.3	1,206.8	1,170.0	-	-	-	-	-	-	-
Legislative .....		39.8	39.8	36.9	-	-	-	-	-	-	-
Judicial .....		27.8	27.8	27.6	-	-	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities .....		87.9	86.7	78.4	77.7	-	-	-	-	-	-
Ship building and repairing .....	3731	50.3	49.5	43.9	43.2	-	-	-	-	-	-
Transportation and public utilities, except Postal											
Service .....		31.3	31.2	29.3	29.2	-	-	-	-	-	-
Services .....		393.5	394.8	383.8	380.5	-	-	-	-	-	-
Hospitals .....	806	233.2	234.5	229.8	228.8	-	-	-	-	-	-
State government .....		4,339	4,256	4,598	4,395	4,307	-	-	-	-	-
Hospitals .....	806	415.1	416.2	407.7	407.5	-	-	-	-	-	-
Education .....	82	1,649.3	1,542.9	1,913.5	1,671.5	1,558.1	-	-	-	-	-
General administration, including executive, legislative,											
and judicial functions .....		1,775.4	1,795.4	1,785.9	1,814.8	-	-	-	-	-	-
State government, except education .....		2,689.8	2,712.6	2,684.4	2,723.7	2,749.1	-	-	-	-	-
Local government .....		11,601	10,645	11,931	11,813	10,810	-	-	-	-	-
Transportation and public utilities .....		456.1	457.3	453.8	458.6	-	-	-	-	-	-
Hospitals .....	806	679.1	682.5	686.0	691.1	-	-	-	-	-	-
Education .....	82	6,389.9	5,272.8	6,806.3	6,498.7	5,370.1	-	-	-	-	-
General administration, including executive, legislative,											
and judicial functions .....		3,665.3	3,773.9	3,600.9	3,731.7	-	-	-	-	-	-
Local government, except education .....		5,211.1	5,372.0	5,124.3	5,314.0	5,440.1	-	-	-	-	-

<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	Apr. 1993	May 1993	Mar. 1994	Apr. 1994	May 1994
<b>Total</b> .....	53,311	53,584	54,188	54,564	54,903
<b>Total private</b> .....	42,883	43,146	43,801	43,967	44,253
<b>Goods-producing</b> .....	6,500	6,517	6,433	6,459	6,495
<b>Mining</b> .....	88	88	86	86	86
<b>Construction</b> .....	509	518	518	531	540
<b>Manufacturing</b> .....	5,903	5,911	5,829	5,842	5,869
<b>Durable goods</b> .....	2,707	2,705	2,684	2,692	2,704
Lumber and wood products .....	113	113	116	118	119
Furniture and fixtures .....	146	147	150	150	152
Stone, clay, and glass products .....	102	102	102	102	103
Primary metal industries .....	92	92	93	93	95
Fabricated metal products .....	293	293	296	297	299
Industrial machinery and equipment .....	421	421	417	419	422
Electronic and other electrical equipment .....	642	642	644	647	648
Transportation equipment .....	358	356	347	347	348
Instruments and related products .....	371	368	354	352	351
Miscellaneous manufacturing .....	171	171	166	168	168
<b>Nondurable goods</b> .....	3,196	3,206	3,145	3,150	3,165
Food and kindred products .....	518	522	516	516	521
Tobacco products .....	13	13	12	12	11
Textile mill products .....	323	324	317	318	318
Apparel and other textile products .....	772	773	731	732	736
Paper and allied products .....	167	168	163	163	164
Printing and publishing .....	672	672	677	679	680
Chemicals and allied products .....	336	338	330	330	332
Petroleum and coal products .....	24	24	24	24	24
Rubber and misc. plastics products .....	307	308	312	314	316
Leather and leather products .....	65	65	64	64	64
<b>Service-producing</b> .....	46,811	47,067	47,755	48,105	48,408
<b>Transportation and public utilities</b> .....	1,689	1,699	1,697	1,694	1,712
<b>Wholesale trade</b> .....	1,806	1,817	1,828	1,835	1,846
<b>Retail trade</b> .....	10,244	10,398	10,280	10,442	10,614
<b>Finance, insurance, and real estate</b> .....	4,225	4,237	4,275	4,284	4,287
<b>Services</b> .....	18,419	18,478	19,088	19,253	19,299
<b>Government</b> .....	10,428	10,438	10,587	10,597	10,650
Federal .....	1,210	1,212	1,198	1,198	1,198
State .....	2,300	2,273	2,333	2,339	2,313
Local .....	6,918	6,953	7,056	7,060	7,139

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Alabama</b> .....	1,718.5	1,737.0	1,744.2	10.8	10.0	10.3	80.0	80.0	81.5
Birmingham .....	418.6	425.0	427.6	3.0	2.9	2.9	21.0	21.7	22.3
Huntsville .....	183.1	161.2	160.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	5.8	5.8
Mobile .....	197.1	201.0	202.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.2	13.9	14.2
Montgomery .....	143.0	145.3	145.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.8	6.8	6.9
Tuscaloosa .....	67.6	70.4	69.2	2.6	2.4	2.6	3.9	4.1	4.2
<b>Alaska</b> .....	264.0	258.3	267.9	10.4	9.7	10.0	13.2	12.9	14.4
Anchorage .....	120.5	120.5	123.5	3.3	3.1	3.1	7.0	6.6	7.6
<b>Arizona</b> .....	1,554.9	1,634.0	1,616.9	12.5	12.0	12.1	89.1	102.1	103.5
Phoenix-Mesa .....	1,045.8	1,097.9	1,087.5	4.5	4.3	4.4	60.3	69.8	70.7
Tucson .....	269.1	284.0	279.5	2.3	2.1	2.1	15.5	18.1	18.5
<b>Arkansas</b> .....	996.9	1,018.0	1,022.4	3.6	3.5	3.5	39.4	39.8	41.7
Fayetteville-Springdale-Rogers .....	114.9	121.3	121.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	4.7	4.8
Fort Smith .....	88.1	88.1	88.5	.8	.9	1.0	3.0	3.2	3.3
Little Rock-North Little Rock .....	272.7	277.7	278.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.3	12.4	12.8
Pine Bluff .....	34.6	34.9	34.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.0	1.0
<b>California</b> .....	12,060.6	11,966.7	11,991.3	34.7	32.1	32.2	453.5	451.4	458.6
Bakersfield .....	172.8	172.2	174.7	11.3	10.4	10.4	8.7	8.3	8.5
Fresno .....	252.4	255.8	255.6	.8	.6	.6	12.9	13.2	13.7
Los Angeles-Long Beach .....	3,717.6	3,682.2	3,675.9	7.5	6.8	6.8	99.3	99.2	98.7
Modesto .....	120.7	121.5	121.9	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	6.9	7.3	7.2
Oakland .....	872.4	881.5	859.3	3.1	3.1	3.0	40.4	39.8	40.4
Orange County .....	1,126.0	1,117.7	1,122.1	.9	.9	.9	45.2	44.2	44.1
Riverside-San Bernardino .....	733.3	744.9	742.0	1.3	1.3	1.3	39.5	39.0	39.6
Sacramento .....	552.9	557.7	581.6	.5	.5	.5	25.6	27.3	28.3
Salinas .....	108.2	108.7	107.0	.3	.3	.3	3.6	3.2	3.2
San Diego .....	951.4	931.4	934.2	.5	.5	.5	40.7	39.2	39.8
San Francisco .....	907.5	902.4	903.1	.7	.6	.6	26.1	25.6	25.9
San Jose .....	793.0	784.0	784.9	.2	.2	.2	26.5	26.4	27.1
Santa Barbara-Santa Maria-Lompoc .....	144.4	142.3	142.9	1.0	1.0	1.0	5.0	4.8	4.9
Santa Rosa .....	144.2	146.7	147.8	.8	.6	.7	7.6	8.0	8.5
Stockton-Lodi .....	155.0	154.6	154.7	.1	.1	.1	6.2	6.0	6.3
Vallejo-Fairfield-Napa .....	142.9	140.0	141.6	.4	.5	.5	8.9	8.9	9.2
Ventura .....	227.3	226.0	226.4	2.2	2.1	2.1	9.2	9.4	9.8
<b>Colorado</b> .....	1,677.8	1,702.0	1,721.7	15.9	15.0	15.1	89.0	84.5	89.7
Boulder-Longmont .....	134.5	138.2	138.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.3	5.3	5.6
Denver .....	915.4	923.9	929.6	8.5	8.0	8.0	48.2	43.0	44.8
<b>Connecticut</b> .....	1,543.1	1,538.4	1,545.8	1.0	.9	1.0	49.1	46.8	46.4
Bridgeport .....	176.7	173.9	174.8	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.1	4.9	5.0
Danbury .....	83.2	83.3	84.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	3.0	3.0
Hartford .....	588.9	590.2	591.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	19.6	21.1	21.2
New Haven-Meriden .....	298.7	233.3	233.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.7	8.3	8.5
Stamford-Norwalk .....	188.7	184.2	186.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.1	4.8	5.1
Waterbury .....	81.3	79.8	80.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	2.7	2.7	2.9
<b>Delaware</b> .....	354.3	358.3	364.4	.1	.1	.1	19.1	18.8	19.9
Wilmington-Newark .....	271.6	274.8	275.7	.2	.2	.2	14.6	14.1	14.7
<b>District of Columbia</b> .....	670.9	662.9	666.1	.1	.1	.1	8.4	8.6	8.8
Washington PMSA .....	2,337.1	2,335.0	2,347.8	.8	.8	.9	104.5	105.5	107.7
<b>Florida</b> .....	5,571.8	5,765.2	5,754.9	6.0	6.2	6.2	286.5	299.3	299.4
Daytona Beach .....	136.5	140.2	140.3	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	7.4	7.2	7.3
Fort Lauderdale .....	543.7	562.0	561.6	.2	.2	.2	31.2	31.7	31.5
Fort Myers-Cape Coral .....	130.1	137.2	137.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	11.1	11.9	11.8
Gainesville .....	98.4	103.0	101.2	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	3.7	3.4	3.4
Jacksonville .....	441.5	449.9	451.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	23.2	24.8	24.8
Lakeland-Winter Haven .....	150.2	156.9	156.5	2.6	2.6	2.6	7.1	7.2	7.3
Melbourne-Titusville-Palm Bay .....	166.3	170.2	170.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8.1	8.3	8.4
Miami .....	892.9	925.6	923.7	.4	.4	.4	37.7	40.0	39.8
Orlando .....	654.6	677.9	683.0	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	33.2	35.8	35.8
Pensacola .....	136.7	138.9	139.1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	8.6	9.6	9.6
Sarasota-Bradenton .....	208.0	214.5	213.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	9.5	9.6	9.7
Tallahassee .....	130.5	135.9	133.5	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	5.0	5.2	5.3
Tampa-St. Petersburg-Clearwater .....	894.6	924.5	921.8	.4	.5	.5	40.9	40.9	40.9
West Palm Beach-Boca Raton .....	364.7	375.4	371.4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	20.8	21.0	20.7

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Alabama</b> .....	386.9	383.9	386.6	85.5	84.9	85.5	377.8	383.0	385.9
Birmingham .....	51.2	52.2	52.5	29.9	29.3	29.5	101.9	103.3	103.9
Huntsville .....	38.2	37.3	37.6	3.2	3.3	3.3	30.4	30.9	31.1
Mobile .....	28.0	28.1	28.2	11.5	10.9	11.1	50.2	52.1	52.8
Montgomery .....	17.7	17.9	17.8	6.1	6.0	6.2	32.4	32.8	33.2
Tuscaloosa .....	10.5	10.8	10.8	2.3	2.2	2.2	14.9	15.0	15.2
<b>Alaska</b> .....	19.8	15.0	18.8	24.4	23.8	24.8	50.9	51.5	53.5
Anchorage .....	2.0	1.8	2.0	12.6	12.5	13.1	26.7	27.5	28.1
<b>Arizona</b> .....	174.2	177.9	180.2	78.4	78.8	79.8	381.5	397.2	396.9
Phoenix-Mesa .....	133.9	135.1	138.7	55.2	55.8	56.3	253.8	267.8	267.1
Tucson .....	24.1	26.7	27.1	11.4	11.2	11.4	63.2	65.0	64.9
<b>Arkansas</b> .....	244.7	249.4	252.8	56.8	56.5	57.1	221.8	225.3	226.7
Fayetteville-Springdale-Rogers .....	32.1	33.4	33.8	7.9	8.2	8.2	29.8	32.1	32.2
Fort Smith .....	26.3	27.1	27.5	5.0	5.3	5.4	17.5	17.8	17.5
Little Rock-North Little Rock .....	33.5	33.7	34.0	17.4	17.6	17.8	63.4	65.3	65.8
Pine Bluff .....	7.2	7.4	7.8	2.1	1.9	1.9	7.2	7.3	7.2
<b>California</b> .....	1,804.6	1,748.4	1,751.4	803.2	592.3	593.8	2,788.2	2,744.4	2,759.1
Bakersfield .....	10.2	10.1	10.1	8.8	8.2	8.3	40.6	40.8	41.0
Fresno .....	29.0	29.3	29.9	12.8	12.7	12.7	63.4	61.9	62.2
Los Angeles-Long Beach .....	664.4	642.8	641.1	196.1	195.3	194.7	820.0	800.8	803.1
Modesto .....	22.5	21.8	21.8	5.7	5.8	5.8	30.8	31.3	31.3
Oakland .....	103.5	99.5	99.5	55.9	53.6	53.8	203.1	201.3	201.9
Orange County .....	210.8	205.4	206.9	37.0	38.2	38.4	276.3	270.5	272.0
Riverside-San Bernardino .....	86.4	85.0	85.1	36.7	37.1	37.1	193.8	194.8	195.2
Sacramento .....	35.5	36.5	36.8	24.3	24.2	24.0	125.2	124.5	125.7
Salinas .....	9.1	9.8	9.8	5.2	5.1	5.1	28.3	28.0	28.1
San Diego .....	118.4	109.4	109.3	35.5	35.7	35.4	221.8	214.7	215.4
San Francisco .....	74.9	74.2	74.3	78.3	73.9	74.0	189.8	186.8	187.8
San Jose .....	230.5	224.1	224.8	23.2	22.5	22.6	155.5	153.1	153.2
Santa Barbara-Santa Maria-Lompoc .....	18.7	17.8	17.8	4.8	4.5	4.8	34.3	34.7	34.8
Santa Rosa .....	20.0	20.3	20.3	5.8	5.7	5.7	36.0	38.4	36.5
Stockton-Lodi .....	22.1	21.8	21.8	9.8	9.8	10.0	37.9	37.8	37.9
Vallejo-Fairfield-Napa .....	14.2	13.8	14.2	5.7	5.9	6.0	35.8	34.4	34.8
Ventura .....	31.0	29.7	29.9	10.2	10.4	10.6	54.2	53.3	53.7
<b>Colorado</b> .....	188.8	189.7	191.2	104.0	103.1	103.4	404.8	417.2	425.7
Boulder-Longmont .....	29.7	30.0	30.2	3.4	3.5	3.8	28.5	29.1	29.3
Denver .....	91.0	89.1	89.7	73.7	72.8	72.8	221.1	226.7	230.0
<b>Connecticut</b> .....	295.3	285.1	286.2	70.2	69.2	69.8	333.3	325.7	326.8
Bridgeport .....	44.2	42.4	42.7	7.3	7.0	6.9	36.7	37.4	37.8
Danbury .....	21.1	20.7	20.8	2.7	2.7	2.8	21.1	20.5	21.0
Hartford .....	98.9	95.5	95.4	24.7	24.8	24.7	120.3	121.4	122.4
New Haven-Meriden .....	42.0	40.7	40.9	18.3	15.7	15.8	49.9	47.7	48.2
Stamford-Norwalk .....	30.4	28.7	28.8	6.4	6.7	6.8	43.2	41.7	42.3
Waterbury .....	17.8	17.8	17.7	3.4	3.4	3.4	16.1	15.8	15.8
<b>Delaware</b> .....	65.7	63.4	63.4	15.0	15.3	15.4	78.1	78.7	81.7
Wilmington-Newark .....	50.8	48.8	48.6	13.1	13.3	13.3	54.7	55.1	55.4
<b>District of Columbia</b> .....	14.0	14.1	14.1	21.7	21.3	21.4	53.0	52.3	52.8
Washington PMSA .....	92.8	94.9	95.2	105.7	104.3	105.6	440.9	438.7	440.1
<b>Florida</b> .....	485.0	482.8	481.4	286.9	288.1	287.3	1,447.0	1,490.9	1,484.0
Daytona Beach .....	12.9	13.3	13.4	3.9	3.7	3.7	36.7	39.8	39.2
Fort Lauderdale .....	40.1	40.5	40.3	25.6	26.8	26.4	154.2	159.6	159.1
Fort Myers-Cape Coral .....	5.8	5.5	5.8	5.8	5.9	6.0	35.3	38.4	38.1
Gainesville .....	5.3	5.2	5.2	1.9	1.9	1.9	20.0	20.7	20.7
Jacksonville .....	34.8	34.3	34.7	32.6	32.6	33.0	114.0	114.9	115.1
Lakeland-Winter Haven .....	19.2	20.1	19.7	7.9	7.9	8.1	42.0	43.9	43.4
Melbourne-Titusville-Palm Bay .....	28.7	28.8	28.7	4.9	4.7	4.7	37.1	39.0	39.1
Miami .....	62.2	62.5	62.5	72.1	73.8	73.4	234.3	239.6	239.1
Orlando .....	52.1	52.3	52.3	37.5	37.6	37.6	160.5	164.7	165.9
Pensacola .....	11.3	11.2	11.4	6.1	5.9	5.9	33.2	34.8	34.7
Sarasota-Bradenton .....	17.7	18.8	18.7	5.3	5.2	5.1	49.2	50.9	50.1
Tallahassee .....	4.8	4.6	4.8	3.2	3.2	3.1	26.2	26.6	26.4
Tampa-St. Petersburg-Clearwater .....	67.1	67.8	67.5	41.8	42.8	42.7	228.9	233.1	232.2
West Palm Beach-Boca Raton .....	30.8	29.8	29.3	14.2	14.1	13.8	97.6	101.2	99.3

See footnotes at end of table.



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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Alabama</b> .....	76.1	76.8	77.6	363.3	369.1	369.8	338.3	349.3	347.0
Birmingham .....	30.4	31.1	31.5	115.1	116.7	118.2	66.1	67.8	66.8
Huntsville .....	4.6	4.5	4.5	42.2	39.9	39.7	38.5	39.5	38.5
Mobile .....	8.3	8.4	8.4	51.9	53.9	54.2	33.0	33.7	33.4
Montgomery .....	8.3	8.4	8.4	35.0	36.0	35.6	36.7	37.4	37.4
Tuscaloosa .....	2.2	2.3	2.3	10.8	11.0	11.0	20.4	22.6	20.9
<b>Alaska</b> .....	11.3	11.4	11.6	60.5	58.8	61.7	73.5	75.2	73.3
Anchorage .....	6.9	7.0	7.0	32.7	32.2	33.3	29.1	29.8	29.3
<b>Arizona</b> .....	100.0	101.7	102.8	449.4	467.1	469.1	269.8	297.2	272.5
Phoenix-Mesa .....	80.1	81.3	82.2	308.3	321.8	323.1	149.7	162.4	147.0
Tucson .....	12.3	12.4	12.4	82.2	83.1	82.7	58.1	65.4	80.4
<b>Arkansas</b> .....	40.4	41.3	41.8	223.0	228.1	230.7	167.2	174.1	168.3
Fayetteville-Springdale-Rogers .....	4.0	4.3	4.3	21.5	22.1	22.2	15.4	16.5	16.1
Fort Smith .....	2.8	2.6	2.9	23.5	21.6	22.0	9.2	9.6	8.9
Little Rock-North Little Rock .....	16.3	16.6	16.7	76.6	76.6	77.2	53.2	55.5	54.5
Pine Bluff .....	1.4	1.3	1.3	7.8	8.0	6.1	7.8	8.0	7.8
<b>California</b> .....	790.0	775.1	773.4	3,472.2	3,494.3	3,496.6	2,114.2	2,128.7	2,126.0
Bakersfield .....	6.0	5.9	5.9	39.2	41.0	41.2	48.0	47.5	49.3
Fresno .....	14.2	14.0	14.2	61.6	61.9	62.6	57.7	62.2	59.7
Los Angeles-Long Beach .....	250.0	242.3	242.1	1,137.4	1,157.8	1,150.5	540.9	537.2	538.9
Modesto .....	4.9	4.7	4.7	27.9	28.1	28.5	22.0	22.7	22.8
Oakland .....	58.7	58.1	58.0	235.9	236.1	235.6	171.8	170.0	167.3
Orange County .....	92.7	89.7	89.5	332.6	338.3	338.5	130.3	132.5	131.6
Riverside-San Bernardino .....	32.0	31.6	31.8	166.9	164.9	163.6	156.9	161.4	158.3
Sacramento .....	40.7	41.1	40.9	141.2	141.0	142.4	159.9	162.6	163.2
Salinas .....	6.4	6.4	6.4	27.6	27.6	27.8	27.5	26.3	26.3
San Diego .....	81.3	59.2	59.0	292.3	288.3	289.4	163.1	164.4	165.4
San Francisco .....	101.1	100.6	100.5	307.5	310.7	310.8	131.1	130.0	129.4
San Jose .....	31.0	30.6	30.3	237.3	237.9	238.3	88.8	89.2	88.6
Santa Barbara-Santa Maria-Lompoc .....	7.4	7.0	7.1	43.0	42.7	42.5	30.2	30.0	30.2
Santa Rosa .....	10.0	9.9	10.1	36.6	36.6	36.9	25.4	26.2	26.1
Stockton-Lodi .....	6.8	6.5	6.4	35.5	35.6	35.4	34.6	35.0	34.8
Vallejo-Fairfield-Napa .....	5.5	5.3	5.4	36.5	37.1	37.2	35.9	34.1	34.3
Ventura .....	12.3	12.3	12.3	64.3	65.0	64.4	43.9	43.8	43.6
<b>Colorado</b> .....	106.3	108.5	110.0	472.0	477.7	488.9	297.0	306.3	297.7
Boulder-Longmont .....	5.0	5.1	5.1	38.5	38.9	39.7	24.1	26.3	24.8
Denver .....	70.9	72.7	73.2	260.7	267.6	270.9	141.3	142.0	140.2
<b>Connecticut</b> .....	140.9	137.3	138.1	446.6	458.2	462.1	206.7	215.2	211.8
Bridgeport .....	10.8	10.9	11.0	51.4	52.3	52.5	19.2	19.0	19.1
Danbury .....	3.9	3.9	4.0	21.5	22.0	22.5	10.1	10.5	10.6
Hartford .....	80.4	77.1	77.7	154.6	162.3	163.1	88.2	86.0	87.1
New Haven-Meriden .....	15.0	14.5	14.7	76.6	74.6	74.2	31.2	31.8	31.2
Stamford-Norwalk .....	20.0	20.1	20.3	62.5	62.8	63.6	17.1	17.4	17.4
Waterbury .....	4.4	4.2	4.3	24.6	23.1	23.3	12.5	13.0	12.9
<b>Delaware</b> .....	35.0	36.8	37.2	91.2	94.3	96.2	50.1	51.1	50.5
Wilmington-Newark .....	30.1	31.5	31.9	72.7	75.3	76.1	35.6	36.7	35.5
<b>District of Columbia</b> .....	31.9	29.9	30.4	252.1	256.6	256.9	269.7	279.8	281.6
Washington PMSA .....	132.7	131.5	133.2	815.3	830.9	835.0	644.6	630.4	630.1
<b>Florida</b> .....	357.0	365.2	366.4	1,822.1	1,914.6	1,920.5	881.3	916.1	909.7
Daytona Beach .....	6.2	6.1	6.2	42.5	44.9	45.0	24.9	25.4	25.5
Fort Lauderdale .....	40.3	40.9	40.6	175.9	183.2	184.2	76.2	79.3	79.1
Fort Myers-Cape Coral .....	8.1	8.3	8.3	42.4	44.9	44.9	21.7	22.2	22.2
Gainesville .....	4.4	4.4	4.5	26.4	29.7	29.9	34.7	37.7	35.8
Jacksonville .....	44.4	44.1	44.4	130.4	133.2	134.7	61.9	65.4	63.9
Lakeland-Winter Haven .....	7.5	7.6	7.6	39.2	42.2	42.0	24.7	25.4	25.6
Melbourne-Titusville-Palm Bay .....	5.2	5.7	6	57.3	56.5	58.1	24.9	25.3	25.2
Miami .....	63.1	63.6	63.7	275.3	289.5	289.2	127.8	136.0	135.6
Orlando .....	38.3	39.6	39.9	254.7	266.3	270.1	77.9	81.2	80.7
Pensacola .....	5.2	5.2	5.3	43.0	44.2	44.1	29.0	27.9	27.8
Sarasota-Bradenton .....	10.4	10.6	10.5	91.9	94.5	94.7	23.9	24.8	24.5
Tallahassee .....	5.2	5.3	5.3	31.9	31.9	31.9	52.2	55.9	53.7
Tampa-St. Petersburg-Clearwater .....	62.7	66.1	66.7	311.3	327.9	327.5	121.5	125.8	123.8
West Palm Beach-Boca Raton .....	25.5	25.1	25.0	126.9	135.3	134.3	46.9	49.1	49.0

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	Total			Mining			Construction		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Georgia</b> .....	3,107.5	3,234.8	3,256.6	7.5	7.5	7.5	129.3	137.3	140.3
Albany .....	51.8	52.8	53.4	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	2.6	2.5	2.6
Athens .....	61.7	62.3	62.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	1.8	1.9
Atlanta .....	1,637.4	1,711.3	1,726.7	1.5	1.4	1.4	68.9	78.4	79.5
Augusta-Aiken .....	188.6	191.0	191.0	.5	.5	.5	11.2	11.0	11.2
Columbus .....	100.6	102.7	103.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	4.2	4.3
Macon .....	132.1	135.8	136.1	1.2	1.1	1.1	4.3	4.5	4.7
Savannah .....	118.9	120.9	121.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.9	5.5	5.8
<b>Hawaii</b> .....	543.4	532.6	533.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	32.6	29.3	29.0
Honolulu .....	418.6	409.4	410.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.2	22.0	21.6
<b>Idaho</b> .....	441.1	460.0	466.2	2.3	2.3	2.4	26.1	26.3	29.9
Boise City .....	160.2	168.0	170.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.7	11.8	12.2
<b>Illinois</b> .....	5,351.5	5,414.8	5,429.5	14.3	15.8	15.8	211.9	204.2	212.1
Bloomington-Normal .....	67.3	69.6	69.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.3	2.4
Champaign-Urbana .....	89.3	92.1	90.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	2.7	3.1
Chicago .....	3,726.4	3,772.3	3,795.7	2.1	2.2	2.2	142.2	141.8	146.0
Davenport-Moline-Rock Island .....	168.4	170.6	172.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.2	8.0	8.3
Decatur .....	55.0	54.9	55.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	2.8	2.9
Kankakee .....	39.3	39.3	39.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	2.0	2.1
Peoria-Pekin .....	152.7	155.1	155.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.0	7.5	7.9
Rockford .....	155.8	158.6	159.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.2	5.9	6.0
Springfield .....	106.8	108.3	109.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.6	4.3	4.6
<b>Indiana</b> .....	2,597.4	2,649.5	2,644.2	6.7	8.1	8.2	125.0	124.0	128.4
Bloomington .....	57.0	55.5	56.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.6	2.8
Elkhart-Goshen .....	109.0	111.0	112.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	3.6	3.7
Evansville-Henderson .....	141.5	142.3	141.9	1.4	1.4	1.4	8.9	8.5	8.7
Fort Wayne .....	244.9	249.8	249.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.2	11.2	11.6
Gary .....	246.8	244.8	245.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.8	14.5	14.8
Indianapolis .....	731.4	746.4	746.8	.8	.4	.5	37.3	37.9	38.6
Kokomo .....	49.5	50.0	49.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.3	1.3
Lafayette .....	79.7	83.7	82.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.1	3.4
Muncie .....	56.0	59.3	56.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.5	2.1	2.2
South Bend .....	120.5	124.6	126.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.7	6.4	6.8
Terre Haute .....	64.4	63.9	62.2	.4	.4	.4	3.9	3.1	3.4
<b>Iowa</b> .....	1,298.3	1,321.1	1,327.8	2.3	2.3	2.3	53.8	52.5	55.2
Cedar Rapids .....	100.2	103.3	103.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.3	5.5	5.7
Des Moines .....	249.4	251.6	252.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.4	10.9	11.2
Dubuque .....	46.3	49.4	49.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	1.5	1.6
Iowa City .....	59.8	62.7	62.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.1	2.2
Sioux City .....	60.5	60.7	60.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.5	2.7
Waterloo-Cedar Falls .....	64.2	67.0	65.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.4	2.6
<b>Kansas</b> .....	1,148.3	1,164.8	1,170.7	9.1	8.7	8.8	49.3	50.5	53.4
Lawrence .....	38.6	40.8	38.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.6	1.8
Topeka .....	95.6	95.9	97.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.0	3.7	4.1
Wichita .....	254.2	250.4	250.8	1.6	1.6	1.6	12.6	11.8	12.4
<b>Kentucky</b> .....	1,542.2	1,558.9	1,564.3	27.9	28.5	28.7	72.6	70.9	72.2
Lexington .....	234.5	238.4	237.8	.2	.2	.2	12.2	11.6	12.1
Louisville .....	488.5	506.8	509.3	.6	.6	.6	24.6	24.5	25.0
Owensboro .....	37.7	39.8	39.7	.5	.5	.5	2.4	2.3	2.4
<b>Louisiana</b> .....	1,648.2	1,678.8	1,682.5	45.9	46.0	48.1	98.5	104.7	105.7
Alexandria .....	49.7	50.8	50.9	.1	.2	.2	3.2	3.4	3.5
Baton Rouge .....	256.5	258.3	259.3	.9	.9	.9	30.9	31.3	31.2
Houma .....	59.8	61.3	61.0	5.1	5.0	5.0	3.0	3.1	3.2
Lafayette .....	135.6	136.4	137.9	11.1	11.3	11.3	8.8	7.0	7.2
Lake Charles .....	72.6	73.5	73.9	1.5	1.4	1.3	6.9	6.9	6.9
Monroe .....	61.5	63.0	62.3	.3	.3	.3	3.0	3.0	3.0
New Orleans .....	570.0	573.2	572.4	14.4	13.9	13.8	25.5	24.9	25.1
Shreveport-Bossier City .....	154.8	156.1	159.5	3.1	3.0	3.0	8.9	8.5	8.4
<b>Maine</b> .....	530.9	526.0	534.4	.1	.1	.1	22.7	22.2	23.1
Lewiston-Auburn .....	39.5	40.4	40.6	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	1.7	1.6	1.7
Portland .....	126.3	125.6	127.0	( <sup>9</sup> )	( <sup>9</sup> )	( <sup>9</sup> )	5.6	5.4	5.7

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Georgia</b> .....	554.8	566.4	569.0	201.2	206.9	207.9	772.3	795.0	798.4
Albany .....	7.5	7.3	7.5	2.7	3.2	3.2	12.8	13.2	13.2
Athens .....	10.8	10.9	11.0	1.7	1.6	1.7	14.6	14.4	14.2
Atlanta .....	195.5	198.9	200.2	138.8	141.0	141.0	437.9	450.2	452.7
Augusta-Aiken .....	44.9	43.9	43.9	5.4	5.4	5.5	39.8	39.8	40.0
Columbus .....	20.8	20.7	20.5	3.4	3.3	3.4	22.5	22.8	23.0
Macon .....	18.8	18.7	18.5	5.3	5.3	5.4	30.7	30.9	31.2
Savannah .....	18.0	17.5	17.3	9.2	9.4	9.5	29.3	29.6	30.0
<b>Hawaii</b> .....	19.4	17.7	17.9	41.4	39.9	39.7	133.9	128.8	129.3
Honolulu .....	14.2	13.3	13.3	34.1	32.6	32.4	100.8	97.1	97.3
<b>Idaho</b> .....	69.9	71.3	73.5	20.8	21.2	21.2	110.1	115.8	117.1
Boise City .....	28.7	31.5	31.9	7.8	7.7	7.7	38.3	39.4	39.8
<b>Illinois</b> .....	934.9	938.3	942.0	310.4	311.3	311.6	1,250.6	1,270.0	1,281.2
Bloomington-Normal .....	7.2	8.1	8.1	2.8	2.9	2.9	15.6	15.9	15.7
Champaign-Urbana .....	10.2	10.2	10.2	2.5	2.6	2.8	18.9	19.5	19.5
Chicago .....	640.1	639.2	641.4	223.3	224.9	227.4	873.7	889.0	897.7
Davenport-Moline-Rock Island .....	28.7	28.8	29.0	8.0	8.3	8.3	47.1	48.5	48.9
Decatur .....	13.4	13.2	13.2	5.2	5.1	5.1	12.2	12.3	12.4
Kankakee .....	6.9	8.8	6.8	1.9	1.9	1.9	9.9	9.9	9.9
Peoria-Pekin .....	31.3	31.8	31.6	7.9	8.1	8.1	38.1	36.8	37.2
Rockford .....	47.6	50.0	50.3	6.6	6.7	6.7	33.5	33.8	34.0
Springfield .....	4.1	4.2	4.2	5.0	5.1	5.0	21.8	22.9	23.2
<b>Indiana</b> .....	644.5	650.3	655.7	134.2	136.1	137.5	612.4	617.9	619.0
Bloomington .....	8.7	9.3	9.5	1.6	1.7	1.8	12.8	13.4	13.2
Elkhart-Goshen .....	56.2	57.5	56.2	3.1	3.0	3.1	19.9	19.9	20.2
Evansville-Henderson .....	32.4	32.4	32.6	7.0	8.7	8.7	34.7	35.1	34.7
Fort Wayne .....	69.2	69.5	70.0	15.4	15.4	15.2	55.2	58.1	58.3
Gary .....	52.8	52.8	53.4	17.1	16.7	17.0	58.8	57.6	57.8
Indianapolis .....	123.2	125.1	125.9	43.0	41.8	42.3	189.1	198.9	200.4
Kokomo .....	20.1	20.8	20.7	1.3	1.3	1.3	10.3	9.8	9.6
Lafayette .....	19.0	19.2	19.5	2.3	2.3	2.3	16.3	16.7	16.6
Muncie .....	11.1	11.2	11.2	4.4	5.2	5.2	12.3	12.5	12.5
South Bend .....	21.6	21.8	22.1	5.3	5.4	5.5	30.4	31.8	32.2
Terre Haute .....	13.1	12.8	13.0	2.7	2.7	2.6	18.8	17.8	17.8
<b>Iowa</b> .....	238.4	242.8	246.2	57.5	57.6	58.0	325.9	327.1	329.8
Cedar Rapids .....	20.8	21.1	21.3	6.0	6.0	6.0	23.1	23.0	23.3
Des Moines .....	25.4	25.7	26.0	12.0	11.8	11.8	65.1	64.5	64.4
Dubuque .....	12.9	13.0	13.2	1.9	1.9	1.9	11.3	11.3	11.5
Iowa City .....	4.3	4.4	4.5	1.8	1.8	1.8	11.2	11.3	11.4
Sioux City .....	11.9	12.2	12.2	3.4	3.4	3.5	15.2	15.4	15.5
Waterloo-Cedar Falls .....	14.2	14.3	14.3	1.9	2.0	2.0	15.9	16.1	16.0
<b>Kansas</b> .....	163.6	182.4	163.6	66.6	88.6	69.0	275.8	278.4	279.8
Lawrence .....	4.6	4.4	4.5	1.1	1.2	1.2	9.5	9.7	9.6
Topeka .....	9.5	9.7	9.8	6.6	6.9	6.9	20.6	20.9	21.0
Wichita .....	58.8	55.7	55.9	11.6	11.4	11.5	57.8	58.2	58.5
<b>Kentucky</b> .....	293.2	295.7	298.8	82.8	83.6	84.5	361.3	365.8	369.9
Lexington .....	38.0	39.3	39.0	9.0	8.7	8.9	54.2	54.3	54.4
Louisville .....	86.4	86.9	89.2	32.6	33.9	33.8	119.5	122.6	123.2
Owensboro .....	6.2	6.2	6.3	2.1	2.0	2.0	9.8	10.3	10.5
<b>Louisiana</b> .....	185.1	185.6	186.3	105.3	106.9	107.6	384.4	388.0	391.2
Alexandria .....	3.5	3.5	3.4	2.5	2.5	2.6	11.0	11.1	11.0
Baton Rouge .....	23.8	22.9	23.1	11.9	11.8	11.8	56.2	57.1	57.2
Houma .....	5.2	5.5	5.5	5.8	5.8	5.9	14.9	15.3	15.2
Lafayette .....	15.7	16.0	16.1	8.0	8.0	8.1	34.8	35.0	35.2
Lake Charles .....	10.9	11.1	11.1	4.5	4.4	4.3	16.3	16.3	16.2
Monroe .....	8.1	8.2	8.0	3.2	3.4	3.4	14.9	15.3	15.3
New Orleans .....	47.5	48.3	48.5	42.6	42.7	42.8	140.7	139.8	140.7
Shreveport-Bossier City .....	18.9	20.6	20.7	8.3	8.1	8.1	36.4	36.8	37.0
<b>Maine</b> .....	91.6	91.6	93.0	22.4	20.9	21.8	134.4	131.6	136.7
Lewiston-Auburn .....	6.5	8.5	8.6	1.4	1.4	1.5	10.0	10.3	10.4
Portland .....	13.4	13.5	13.7	6.0	5.9	6.0	36.8	36.7	38.0

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Georgia</b> .....	165.8	187.5	168.4	728.7	787.4	799.2	547.9	566.8	565.9
Albany .....	2.0	2.1	2.0	12.2	12.2	12.4	12.0	12.3	12.5
Athens .....	2.0	2.0	2.0	11.2	11.3	11.3	19.4	20.3	20.6
Atlanta .....	110.1	110.5	111.2	447.3	487.3	498.7	237.4	243.8	242.0
Augusta-Aiken .....	6.4	8.8	8.9	42.0	43.3	43.2	36.6	40.3	39.8
Columbus .....	7.0	7.4	7.5	22.2	24.3	24.5	20.6	20.0	20.0
Macon .....	7.8	8.2	8.2	29.0	30.9	31.0	35.2	36.2	36.0
Savannah .....	4.5	4.2	4.2	32.3	34.5	34.7	19.7	20.2	20.4
<b>Hawaii</b> .....	39.0	39.4	39.6	163.8	163.4	163.6	113.3	114.1	114.7
Honolulu .....	32.1	32.1	32.4	121.0	120.1	120.2	92.2	92.2	92.8
<b>Idaho</b> .....	22.8	24.1	24.3	98.4	101.7	103.4	90.7	95.3	94.4
Boise City .....	10.7	11.4	11.6	37.4	37.7	38.6	26.6	28.5	28.3
<b>Illinois</b> .....	383.6	386.3	367.6	1,482.9	1,494.6	1,514.1	782.9	794.1	765.1
Bloomington-Normal .....	12.2	12.2	12.4	16.5	16.6	17.2	10.7	11.6	10.8
Champaign-Urbana .....	3.2	3.2	3.3	19.9	20.3	20.2	31.6	33.6	31.4
Chicago .....	300.0	301.5	303.8	1,080.7	1,109.6	1,109.6	466.3	471.5	467.4
Davenport-Moline-Rock Island .....	7.5	7.7	7.9	43.1	42.8	43.6	25.6	26.5	26.1
Decatur .....	2.3	2.3	2.4	13.0	13.2	13.6	5.6	6.0	5.6
Kankakee .....	1.7	1.7	1.7	10.3	10.2	10.5	6.7	6.6	6.6
Peoria-Pekin .....	6.4	6.3	6.3	44.4	44.9	45.5	16.6	17.9	16.7
Rockford .....	6.9	6.8	7.0	40.0	39.6	40.6	15.0	15.6	14.6
Springfield .....	7.9	8.0	6.2	30.4	30.5	31.3	33.0	33.3	33.1
<b>Indiana</b> .....	130.5	130.3	131.5	561.1	582.7	578.6	383.0	402.1	387.3
Bloomington .....	2.1	2.2	2.2	12.1	11.9	11.9	16.9	14.4	14.6
Elkhart-Goshen .....	2.9	2.9	3.0	16.9	17.2	17.8	6.3	6.9	6.9
Evansville-Henderson .....	5.9	5.7	5.6	37.1	37.3	37.2	14.1	15.2	14.6
Fort Wayne .....	13.3	13.2	13.3	54.6	56.7	56.8	24.8	25.7	24.7
Gary .....	9.4	9.5	9.6	59.6	58.3	58.8	34.3	35.4	34.7
Indianapolis .....	55.6	55.9	58.4	177.4	177.4	179.0	104.8	109.0	103.5
Kokomo .....	1.4	1.3	1.4	8.4	6.2	6.0	6.6	7.3	7.4
Lafayette .....	3.5	3.6	3.9	16.5	17.3	17.2	18.9	21.3	19.6
Muncie .....	1.8	1.6	1.6	13.6	13.1	13.3	10.3	13.4	10.2
South Bend .....	6.5	6.3	6.3	37.0	39.5	40.2	13.0	13.4	13.6
Terre Haute .....	2.4	2.4	2.4	13.5	14.3	12.9	9.8	10.4	9.7
<b>Iowa</b> .....	74.8	75.7	76.5	318.4	329.3	326.1	227.2	233.8	233.7
Cedar Rapids .....	5.4	5.5	5.6	28.0	29.6	29.4	11.6	12.6	12.5
Des Moines .....	34.5	35.4	38.0	68.6	69.3	68.8	33.2	34.0	34.1
Dubuque .....	1.7	1.6	1.6	14.6	16.0	15.6	3.7	4.1	4.2
Iowa City .....	1.6	1.7	1.7	11.7	13.1	13.0	26.8	26.3	27.4
Sioux City .....	2.7	2.7	2.7	17.5	17.4	17.0	7.0	7.1	7.2
Waterloo-Cedar Falls .....	2.9	2.7	2.7	16.2	16.3	16.4	10.5	13.2	11.2
<b>Kansas</b> .....	58.6	59.0	59.9	271.8	278.8	281.2	233.5	236.2	235.0
Lawrence .....	1.8	1.8	1.8	8.9	8.8	8.5	11.0	13.3	10.9
Topeka .....	6.3	6.3	6.3	24.9	25.0	25.2	23.7	23.4	24.0
Wichita .....	11.2	10.9	11.0	68.0	66.9	66.9	32.6	33.9	33.0
<b>Kentucky</b> .....	63.4	62.7	63.2	367.0	371.2	372.3	274.0	280.5	274.7
Lexington .....	9.5	9.3	9.2	61.3	62.5	62.8	50.1	52.5	51.2
Louisville .....	28.5	26.9	29.0	138.8	139.4	141.2	67.5	68.0	67.3
Owensboro .....	1.7	1.6	1.6	9.3	9.8	9.8	5.7	7.1	6.6
<b>Louisiana</b> .....	78.2	78.8	79.4	408.3	424.5	424.4	342.5	343.9	341.8
Alexandria .....	2.2	2.2	2.2	14.3	14.4	14.6	12.9	13.3	13.4
Baton Rouge .....	14.7	14.7	14.7	63.6	64.1	64.6	54.7	55.5	55.8
Houma .....	2.3	2.2	2.2	11.6	11.6	12.0	11.9	12.6	12.0
Lafayette .....	5.6	5.6	5.7	32.1	33.4	32.6	21.5	22.1	21.5
Lake Charles .....	2.7	2.6	2.6	16.8	18.3	18.2	13.0	12.5	13.3
Monroe .....	4.5	4.3	4.3	16.0	16.2	16.2	11.5	12.3	11.8
New Orleans .....	29.8	30.0	30.2	168.5	170.4	168.7	101.0	103.2	102.6
Shreveport-Bossier City .....	6.8	6.8	6.8	41.5	43.0	44.4	30.9	31.3	31.1
<b>Maine</b> .....	26.0	26.1	26.2	137.9	137.3	139.8	95.8	96.2	93.7
Lewiston-Auburn .....	1.9	2.0	2.0	11.5	11.8	11.8	4.5	4.8	4.6
Portland .....	12.3	12.1	12.1	36.0	34.6	35.2	16.2	17.4	16.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Maryland</b> .....	2,126.8	2,126.7	2,140.3	1.2	1.1	1.1	124.0	119.7	123.7
Baltimore FMSA .....	1,106.2	1,100.2	1,103.0	.2	.2	.2	58.4	56.5	58.2
Baltimore City .....	417.2	415.5	416.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.5	12.3	12.6
Suburban Maryland-D.C. ....	774.5	780.8	788.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	52.4	51.2	52.6
<b>Massachusetts</b> .....	2,877.3	2,931.5	2,960.4	1.3	1.2	1.2	82.8	88.8	92.5
Boston .....	1,745.3	1,785.5	1,799.4	.4	.4	.4	46.6	48.5	49.9
Brockton .....	82.6	83.2	83.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.4	2.5
Fitchburg-Leominster .....	49.5	49.7	50.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.1	1.2
Lawrence .....	134.6	135.1	136.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.7	4.8
Lowell .....	103.1	102.2	103.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.2	4.2	4.3
New Bedford .....	61.3	61.7	62.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.8	1.9
Pittsfield .....	41.4	40.5	41.8	.1	.1	.1	1.6	1.1	1.3
Springfield .....	238.1	240.3	240.8	.1	.1	.1	6.8	6.6	7.1
Worcester .....	207.6	210.8	211.1	.2	.2	.2	6.0	6.6	6.7
<b>Michigan</b> .....	4,005.1	4,109.9	4,124.1	9.4	9.1	9.3	139.9	139.4	148.0
Ann Arbor .....	243.0	247.2	246.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.7	6.8	7.0
Benton Harbor .....	67.3	69.1	68.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.9	2.0
Detroit .....	1,887.6	1,930.3	1,945.2	.9	1.0	1.0	59.2	60.1	62.6
Flint .....	165.0	168.0	167.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.2	4.7	5.4
Grand Rapids-Muskegon-Holland .....	485.9	480.3	481.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	19.9	20.4	21.4
Jackson .....	55.5	56.7	56.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.6	1.7	1.8
Kalamazoo-Battle Creek .....	193.4	196.9	196.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.8	6.8	7.2
Lansing-East Lansing .....	211.7	219.1	213.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.5	6.4	6.7
Saginaw-Bay City-Midland .....	165.8	168.0	168.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.9	7.6	8.1
<b>Minnesota</b> .....	2,268.4	2,313.3	2,331.0	8.2	7.7	8.0	86.2	83.8	89.8
Duluth-Superior .....	101.9	102.0	102.5	5.1	5.2	5.3	3.7	3.7	4.1
Minneapolis-St. Paul .....	1,484.2	1,487.4	1,495.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	52.6	49.8	52.6
Rochester .....	70.5	70.1	70.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.6	2.3	2.5
St. Cloud .....	75.7	60.0	78.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	3.6	4.0
<b>Mississippi</b> .....	1,002.8	1,029.9	1,032.1	5.2	5.2	5.1	40.6	42.3	43.2
Jackson .....	196.9	201.3	201.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.3	8.2	8.3
<b>Missouri</b> .....	2,413.0	2,479.3	2,477.7	4.5	4.3	4.3	100.0	104.8	110.4
Kansas City .....	818.0	827.9	830.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	35.3	37.6	39.2
St. Louis .....	1,195.1	1,213.1	1,223.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	55.4	62.2	64.8
Springfield .....	137.5	143.8	143.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.1	6.0	6.3
<b>Montana</b> .....	334.4	334.3	339.5	5.7	5.8	5.8	15.5	14.5	15.9
<b>Nebraska</b> .....	772.3	779.1	778.0	1.5	1.5	1.5	34.9	34.3	35.5
Lincoln .....	129.2	131.5	130.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.6	5.9	5.9
Omaha .....	350.7	350.3	353.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	17.0	16.7	17.1
<b>Nevada</b> .....	872.1	713.5	712.1	12.7	12.7	13.0	48.1	49.4	49.9
Las Vegas .....	453.7	489.3	485.3	1.8	1.8	1.8	37.4	37.4	37.4
Reno .....	150.9	156.5	157.2	.7	.7	.7	7.9	8.7	8.8
<b>New Hampshire</b> .....	508.8	511.4	518.7	.5	.5	.5	18.0	17.6	18.1
Manchester .....	85.0	86.6	87.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.2	3.1	3.2
Nashua .....	80.4	80.1	79.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.1	2.1
Portsmouth-Rochester .....	103.8	104.9	105.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.8	2.5	2.6
<b>New Jersey</b> .....	3,545.5	3,553.2	3,608.0	2.0	1.9	2.0	117.8	122.6	126.9
Atlantic-Cape May .....	179.5	171.7	182.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.9	6.0	6.2
Bergen-Passaic .....	613.1	611.8	619.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.7	21.0	21.9
Camden .....	434.1	437.8	442.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.1	18.6	19.8
Jersey City .....	230.8	235.2	237.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	5.1	5.1
Middlesex-Somerset-Hunterdon .....	550.4	556.9	563.0	.8	.5	.5	17.0	17.0	17.7
Monmouth-Ocean .....	345.4	341.8	354.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	14.7	15.7	18.8
Newark .....	915.1	920.1	927.9	.7	.7	.8	29.4	30.3	30.8
Trenton .....	196.9	196.6	196.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.1	4.4	4.3
Vineland-Millville-Bridgeton .....	56.0	58.5	57.1	.3	.3	.3	1.7	1.8	1.9
<b>New Mexico</b> .....	627.6	855.8	657.2	15.7	18.5	18.7	36.7	40.2	41.9
Albuquerque .....	289.7	300.9	303.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.0	20.1	20.8
Las Cruces .....	46.0	47.4	46.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.7	2.7
Santa Fe .....	68.2	68.0	69.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.5	3.4	3.4
<b>New York</b> .....	7,827.4	7,851.6	7,903.3	5.3	5.4	5.6	253.5	250.2	260.5
Albany-Schenectady-Troy .....	430.0	431.7	432.9	.5	.5	.6	15.9	15.2	16.3
Binghamton .....	115.0	112.2	111.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	4.2	4.4

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Maryland</b> .....	180.3	176.4	177.7	99.4	97.2	97.4	510.1	503.8	510.3
Baltimore PMSA .....	108.2	105.7	106.3	53.9	51.6	51.7	255.7	251.2	253.1
Baltimore City .....	37.9	37.5	37.7	21.3	20.1	20.1	68.8	66.2	67.2
Suburban Maryland-D.C. ....	34.0	34.0	34.2	31.2	31.5	31.9	166.7	167.7	190.0
<b>Massachusetts</b> .....	458.0	447.3	450.8	125.4	127.9	129.0	656.0	666.6	679.9
Boston .....	227.5	222.6	223.9	80.1	61.4	62.1	378.4	386.5	391.3
Brockton .....	11.0	10.9	11.2	4.6	4.5	4.7	26.3	26.4	26.9
Fitchburg-Leominster .....	14.7	14.8	15.0	1.9	2.0	2.0	11.3	10.6	10.8
Lawrence .....	35.5	34.4	34.6	4.1	4.0	4.1	33.3	33.7	34.2
Lowell .....	31.8	30.7	30.9	5.3	5.0	5.1	20.7	20.7	21.1
New Bedford .....	15.6	16.0	15.9	2.4	2.3	2.3	15.0	14.8	15.1
Pittsfield .....	7.8	7.3	7.4	1.2	1.2	1.2	9.8	9.9	10.1
Springfield .....	41.4	39.7	40.1	8.7	8.3	8.4	54.2	53.9	54.1
Worcester .....	40.0	39.2	39.6	9.6	10.0	10.1	46.9	46.8	47.1
<b>Michigan</b> .....	903.3	933.3	946.9	158.7	161.3	162.4	944.6	963.4	976.5
Ann Arbor .....	54.2	54.1	54.5	5.5	5.4	5.4	47.5	46.3	48.5
Benton Harbor .....	20.2	20.4	20.6	2.8	2.8	2.9	14.7	14.9	15.1
Detroit .....	408.3	429.3	435.1	84.9	67.2	67.0	450.9	453.6	457.3
Flint .....	45.6	46.9	47.4	4.7	4.2	4.3	39.9	39.7	40.0
Grand Rapids-Muskegon-Holland .....	135.2	138.6	141.0	17.0	17.1	17.4	113.9	115.0	115.3
Jackson .....	12.2	12.6	12.8	3.6	3.6	3.7	13.4	13.5	13.7
Kalamazoo-Battle Creek .....	49.7	49.9	50.3	6.3	6.3	6.3	42.5	43.6	43.4
Lansing-East Lansing .....	28.5	29.5	29.7	6.4	6.3	6.4	47.3	47.5	47.9
Saginaw-Bay City-Midland .....	41.2	40.6	41.5	6.6	6.5	6.5	41.5	42.1	43.5
<b>Minnesota</b> .....	408.3	408.6	416.2	109.6	110.2	110.3	544.1	549.3	554.7
Duluth-Superior .....	6.2	8.3	8.3	6.4	6.0	6.1	26.3	26.0	26.5
Minneapolis-St. Paul .....	266.8	266.4	269.7	77.8	77.7	77.5	344.5	348.8	352.4
Rochester .....	12.0	11.0	11.3	2.0	2.0	2.0	14.2	15.0	15.0
St. Cloud .....	13.9	14.2	14.5	2.7	2.8	2.8	23.4	23.9	23.9
<b>Mississippi</b> .....	256.2	257.2	260.7	46.3	45.0	45.7	211.1	216.4	218.4
Jackson .....	21.7	21.9	21.9	12.8	14.4	15.0	47.4	48.8	49.1
<b>Missouri</b> .....	414.5	411.0	412.3	153.6	155.6	155.3	575.5	583.3	586.2
Kansas City .....	108.1	108.0	106.7	64.6	65.1	65.0	199.4	201.8	202.5
St. Louis .....	200.9	193.6	195.8	76.6	80.2	80.9	266.5	284.9	291.5
Springfield .....	21.0	21.3	21.5	8.1	8.3	6.1	39.1	40.7	41.0
<b>Montana</b> .....	23.2	22.0	22.6	20.6	20.5	20.6	89.8	88.9	91.2
<b>Nebraska</b> .....	103.3	103.7	104.9	47.4	47.4	47.2	194.2	193.9	194.7
Lincoln .....	15.4	15.9	16.1	7.7	7.3	7.3	26.6	27.5	27.4
Omaha .....	34.8	34.1	34.1	24.1	24.5	24.5	88.6	88.1	89.2
<b>Nevada</b> .....	29.6	31.8	31.9	35.0	36.5	36.7	133.2	139.4	140.8
Las Vegas .....	16.1	16.7	16.8	22.6	23.9	24.1	91.8	96.8	97.2
Reno .....	10.3	11.4	11.3	10.2	10.7	10.8	33.6	35.1	35.5
<b>New Hampshire</b> .....	97.4	98.1	99.2	18.4	18.2	18.6	131.6	129.4	133.7
Manchester .....	11.3	11.4	11.5	5.3	5.6	5.9	21.5	21.4	21.6
Nashua .....	26.8	26.5	26.6	2.1	1.9	2.0	20.0	19.5	19.9
Portsmouth-Rochester .....	17.8	17.5	17.5	3.3	3.8	3.6	26.9	26.2	27.7
<b>New Jersey</b> .....	521.2	509.6	514.4	236.8	239.2	241.3	629.1	624.2	642.1
Atlantic-Cape May .....	7.2	7.1	7.4	7.4	7.4	7.6	40.5	35.9	41.7
Bergen-Passaic .....	116.8	112.2	113.7	28.6	29.0	28.8	171.3	171.4	173.6
Camden .....	57.7	56.9	57.0	20.7	20.5	21.0	114.0	115.7	116.3
Jersey City .....	34.4	34.3	35.1	28.9	29.2	29.7	54.5	54.5	54.6
Middlesex-Somerset-Hunterdon .....	97.5	95.3	95.5	44.7	44.6	45.3	129.8	129.8	131.2
Monmouth-Ocean .....	21.4	20.6	20.8	18.6	18.2	18.6	93.9	91.9	96.8
Newark .....	143.5	141.8	142.4	77.6	78.0	78.7	179.6	179.1	181.2
Trenton .....	24.1	22.0	22.0	6.9	8.5	8.6	31.1	31.7	31.7
Vineland-Millville-Bridgeton .....	13.8	13.9	14.3	2.1	2.2	2.2	10.5	10.7	10.7
<b>New Mexico</b> .....	42.5	43.8	43.9	28.3	30.1	28.9	146.7	154.0	158.0
Albuquerque .....	26.3	27.2	27.6	12.4	12.9	12.9	69.9	72.5	73.4
Las Cruces .....	2.4	2.4	2.4	1.5	1.7	1.5	9.6	10.1	10.1
Santa Fe .....	2.1	2.1	2.1	1.1	1.1	1.2	14.5	14.3	14.7
<b>New York</b> .....	990.4	958.8	963.6	407.2	406.6	410.5	1,576.4	1,573.9	1,596.1
Albany-Schenectady-Troy .....	44.9	43.8	43.7	16.4	16.1	18.2	85.9	88.4	87.1
Binghamton .....	27.5	24.6	24.4	4.8	4.2	4.2	24.9	24.7	24.6

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Maryland</b> .....	130.3	129.4	130.0	663.7	672.4	680.9	417.6	426.9	419.2
Baltimore PMSA .....	74.1	72.3	72.7	347.4	350.9	352.9	208.3	211.6	207.9
Baltimore City .....	38.6	37.6	37.6	147.5	151.4	150.3	90.6	90.4	90.6
Suburban Maryland-D.C. ....	47.7	47.3	47.5	253.4	257.2	261.2	169.1	171.9	170.7
<b>Massachusetts</b> .....	201.2	202.1	204.6	956.6	1,000.5	1,009.2	396.0	397.1	393.2
Boston .....	144.4	148.4	149.5	648.3	676.2	681.1	219.6	219.5	221.2
Brockton .....	3.4	3.4	3.4	19.7	20.6	20.2	15.0	15.0	14.9
Fitchburg-Leominster .....	1.7	1.7	1.6	11.9	12.5	12.5	6.7	6.8	6.7
Lawrence .....	5.0	4.9	4.9	34.9	36.1	36.7	17.3	17.3	17.1
Lowell .....	3.4	3.4	3.5	23.8	24.5	25.0	13.9	13.7	13.5
New Bedford .....	2.0	2.0	2.0	15.0	15.1	15.3	9.4	9.7	9.6
Pittsfield .....	1.9	1.6	1.6	13.8	14.1	14.6	5.2	5.0	5.1
Springfield .....	14.2	13.7	13.6	69.2	72.6	72.5	43.5	45.2	44.5
Worcester .....	15.2	15.6	15.7	57.5	60.5	60.3	32.2	31.7	31.4
<b>Michigan</b> .....	194.9	195.5	196.6	1,026.4	1,057.7	1,065.5	627.6	650.1	616.9
Ann Arbor .....	9.5	9.5	9.6	55.9	56.9	57.3	63.7	66.4	64.6
Benton Harbor .....	2.5	2.6	2.6	16.1	17.1	16.7	9.0	9.3	8.6
Detroit .....	108.6	108.9	110.5	541.9	554.4	560.9	232.9	235.9	230.6
Flint .....	6.3	6.3	6.4	40.6	41.8	41.9	22.4	24.3	22.5
Grand Rapids-Muskegon-Holland .....	19.4	19.2	19.4	110.9	117.3	116.2	49.6	52.5	50.2
Jackson .....	1.9	1.9	1.9	12.6	12.8	13.0	10.2	10.3	10.0
Kalamazoo-Battle Creek .....	10.2	10.4	10.5	46.1	46.9	47.3	31.6	33.1	31.7
Lansing-East Lansing .....	12.5	12.4	12.5	46.4	49.3	49.5	62.1	67.6	61.1
Saginaw-Bay City-Midland .....	6.3	6.3	6.4	40.6	41.8	41.0	21.5	23.2	21.6
<b>Minnesota</b> .....	136.9	139.2	139.8	617.4	640.2	648.2	357.7	374.3	366.0
Duluth-Superior .....	3.5	3.5	3.5	27.4	27.5	27.6	21.3	21.8	21.1
Minneapolis-St. Paul .....	107.9	110.4	110.7	409.4	421.2	423.8	204.7	212.6	207.9
Rochester .....	1.9	1.9	1.9	30.6	30.4	30.7	7.2	7.5	7.4
St. Cloud .....	2.4	2.4	2.4	18.1	19.7	18.7	11.5	13.4	11.6
<b>Mississippi</b> .....	39.1	39.0	39.5	199.8	209.4	215.3	204.5	215.4	204.2
Jackson .....	14.6	14.4	14.6	50.2	51.1	52.0	41.4	42.0	40.3
<b>Missouri</b> .....	142.3	143.2	144.9	651.7	681.7	685.6	370.9	395.4	376.7
Kansas City .....	62.3	62.6	63.6	220.6	224.9	227.3	127.5	127.7	126.2
St. Louis .....	74.6	73.0	74.1	355.8	366.6	372.1	145.3	152.6	144.7
Springfield .....	6.1	6.3	6.4	40.1	42.7	42.8	17.0	16.5	17.5
<b>Montana</b> .....	15.1	15.2	15.3	69.6	90.0	92.3	74.9	77.6	76.0
<b>Nebraska</b> .....	51.0	50.4	51.1	189.5	191.5	192.5	150.5	156.4	150.6
Lincoln .....	8.6	8.5	8.7	31.0	30.8	30.8	34.1	35.6	33.9
Omaha .....	30.3	29.7	30.0	105.6	105.3	107.1	50.3	51.9	51.2
<b>Nevada</b> .....	31.0	32.1	32.1	293.0	317.4	318.9	89.5	94.2	88.6
Las Vegas .....	22.7	23.5	23.6	206.9	230.8	230.8	54.2	58.4	53.6
Reno .....	7.2	7.4	7.3	61.1	61.4	62.4	19.7	21.1	20.4
<b>New Hampshire</b> .....	30.2	29.7	29.7	139.3	141.9	145.0	73.4	78.0	73.9
Manchester .....	7.8	7.0	6.8	26.1	27.8	27.8	9.8	10.3	10.3
Nashua .....	3.2	3.2	3.2	19.0	19.8	19.0	7.1	7.1	7.1
Portsmouth-Rochester .....	6.8	6.6	6.6	24.3	25.6	26.4	22.1	22.5	20.5
<b>New Jersey</b> .....	230.4	231.1	235.1	1,033.3	1,053.7	1,069.9	572.9	570.9	576.3
Atlantic-Cape May .....	6.0	5.5	5.7	83.7	81.2	84.9	28.8	28.6	28.7
Bergen-Passaic .....	36.2	37.7	38.0	167.7	169.4	170.4	72.0	70.9	72.6
Camden .....	23.0	22.4	22.4	123.6	126.0	127.6	77.0	77.7	78.1
Jersey City .....	19.0	19.7	19.9	50.2	52.8	52.6	39.4	39.6	39.8
Middlesex-Somerset-Hunterdon .....	42.9	43.7	44.8	141.0	147.8	150.0	77.1	78.2	78.0
Monmouth-Ocean .....	19.1	18.6	18.8	112.0	113.5	117.7	65.7	63.1	64.8
Newark .....	69.5	68.7	69.4	273.6	280.0	282.5	141.2	141.5	142.1
Trenton .....	10.9	10.5	10.7	65.2	67.4	66.3	54.6	54.1	54.5
Vineland-Millville-Bridgeton .....	3.5	3.3	3.4	11.2	11.3	11.3	12.9	13.0	13.0
<b>New Mexico</b> .....	27.9	28.9	29.3	170.5	176.3	179.0	157.3	166.2	161.5
Albuquerque .....	15.5	16.1	16.4	69.2	92.1	93.0	58.4	60.0	59.1
Las Cruces .....	1.9	1.9	1.9	9.4	10.0	10.0	18.5	18.6	17.4
Santa Fe .....	2.7	3.0	3.0	19.7	19.7	20.4	24.8	24.4	24.8
<b>New York</b> .....	734.6	730.2	739.6	2,423.9	2,480.5	2,493.6	1,433.6	1,446.0	1,433.6
Albany-Schenectady-Troy .....	27.5	26.9	27.4	127.2	129.6	129.1	111.6	113.3	112.6
Binghamton .....	4.2	4.1	4.2	28.2	28.1	28.2	21.3	22.2	21.3

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>New York—Continued</b>									
Buffalo-Niagra Falls .....	535.1	536.2	538.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	20.6	19.9	20.9
Dutchess County .....	103.9	101.0	101.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.3	3.8	4.0
Elmira .....	40.2	40.6	41.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.3	1.2	1.3
Glens Falls .....	50.8	49.2	52.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	1.9	2.1
Nassau-Suffolk .....	1,078.2	1,064.2	1,075.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	42.2	40.3	41.6
New York PMSA .....	3,790.3	3,796.4	3,812.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	107.5	105.5	108.2
New York City .....	3,292.1	3,306.2	3,316.0	0.3	0.3	0.3	86.4	85.3	87.6
Newburgh .....	115.7	115.0	116.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	3.8	4.0
Rochester .....	522.9	523.2	524.3	.9	.8	.8	17.4	16.4	17.4
Rockland County .....	99.4	98.1	96.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.1	3.0	3.1
Syracuse .....	334.1	329.6	332.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	15.2	14.9	15.6
Utica-Rome .....	125.5	127.0	127.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.6	3.2	3.6
Westchester County .....	379.7	373.7	378.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	16.5	15.8	16.1
<b>North Carolina</b> .....	3,271.3	3,331.4	3,343.7	3.5	3.4	3.4	157.0	163.2	164.3
Asheville .....	99.3	99.4	101.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	5.1	5.2
Charlotte-Gastonia-Rock Hill .....	655.6	666.0	666.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	32.9	33.1	33.2
Greensboro-Winston-Salem-High Point .....	572.7	579.1	580.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.5	24.0	24.2
Raleigh-Durham-Chapel Hill .....	519.1	525.9	527.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.3	23.6	23.6
<b>North Dakota</b> .....	287.3	294.1	293.5	3.9	3.7	3.7	13.5	13.7	15.0
Bismarck .....	43.8	44.2	45.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.4	2.5
Fargo-Moorhead .....	84.2	86.2	86.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.0	5.2	5.8
Grand Forks .....	44.5	47.3	45.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.2	2.3	2.6
<b>Ohio</b> .....	4,958.6	4,976.7	4,999.9	14.3	14.2	14.4	195.1	184.1	192.8
Akron .....	290.6	303.3	297.5	.4	.4	.4	11.0	10.9	11.1
Canton-Massillon .....	168.7	171.6	173.0	.7	.7	.7	7.6	7.9	8.2
Cincinnati .....	772.5	781.4	784.6	.6	.7	.7	34.4	33.7	34.3
Cleveland-Lorain-Elyria .....	1,062.0	1,059.8	1,069.8	.8	.9	.9	39.6	38.2	40.0
Columbus .....	732.8	731.7	735.6	.7	.6	.6	28.1	26.6	27.5
Dayton-Springfield .....	442.4	447.6	447.7	.7	.6	.6	15.4	14.8	15.3
Toledo .....	292.9	296.1	295.2	.2	.2	.2	12.4	10.0	10.3
Youngstown-Warren .....	230.5	235.9	237.8	.7	.7	.6	8.8	8.7	9.2
<b>Oklahoma</b> .....	1,250.1	1,266.6	1,269.3	35.6	35.0	35.4	44.0	43.8	45.6
Enid .....	23.1	23.0	23.1	.9	1.0	1.0	.7	.7	.6
Lawton .....	37.3	38.6	39.1	.1	.1	.1	1.4	1.5	1.5
Oklahoma City .....	449.6	456.9	457.7	8.0	7.9	8.1	15.4	15.3	16.0
Tulsa .....	333.7	335.3	336.2	9.6	9.3	9.4	12.8	12.8	12.9
<b>Oregon</b> .....	1,326.3	1,345.7	1,362.6	1.8	1.7	1.7	54.6	58.6	61.6
Eugene-Springfield .....	122.3	123.9	125.0	.2	.2	.2	4.8	5.6	5.9
Medford-Ashland .....	58.7	59.4	60.0	.1	.1	.1	2.4	2.3	2.4
Portland-Vancouver .....	774.4	787.2	794.6	.9	.8	.8	34.3	36.3	38.1
Salem .....	116.3	116.9	119.2	.2	.2	.2	5.0	5.0	5.1
<b>Pennsylvania</b> .....	5,146.9	5,197.2	5,222.7	22.0	20.3	20.4	205.3	204.6	212.6
Allentown-Bethlehem-Easton .....	255.0	256.1	256.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.1	9.9	10.3
Altoona .....	57.3	57.1	57.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.5	2.6
Erie .....	125.7	125.7	125.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.5	4.1	4.4
Harrisburg-Lebanon-Carlisle .....	323.9	324.9	326.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	13.1	13.1	13.5
Johnstown .....	84.7	85.1	85.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	5.8	5.2	5.4
Lancaster .....	196.4	198.2	199.0	.4	.4	.4	11.4	10.8	11.0
Philadelphia PMSA .....	2,146.1	2,151.1	2,161.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	78.4	81.0	84.5
Philadelphia City .....	684.2	689.6	686.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.7	10.9	10.8
Pittsburgh .....	1,038.1	1,045.4	1,052.6	4.3	3.5	3.5	49.1	49.3	50.5
Reading .....	154.1	156.1	157.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.5	6.3	6.2
Scranton-Wilkes-Barre-Hazleton .....	264.9	266.3	267.2	.7	.6	.6	9.7	9.6	9.9
Sharon .....	42.3	44.1	44.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.4	1.3	1.4
State College .....	59.8	63.6	60.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	2.6	2.7
Williamsport .....	50.6	51.4	51.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.1	2.2
York .....	154.7	156.2	156.5	.5	.5	.5	7.5	7.8	8.0
<b>Rhode Island</b> .....	435.8	436.8	442.8	.2	.2	.2	13.3	11.7	13.2
Providence-Fall River-Warwick .....	483.8	485.1	491.3	.2	.2	.2	14.8	12.7	14.5

See footnotes at end of table.



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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>New York—Continued</b>									
Buffalo-Niagra Falls .....	90.2	89.5	90.3	26.5	25.7	26.1	131.3	133.2	133.2
Dutchess County .....	16.8	14.6	14.6	3.8	3.8	3.6	21.1	20.9	21.2
Elmira .....	8.3	8.3	8.4	1.5	1.4	1.4	9.9	10.2	10.4
Glens Falls .....	9.5	9.8	9.8	1.5	1.4	1.4	12.0	11.7	12.8
Nassau-Suffolk .....	122.3	117.4	117.8	49.6	49.3	49.6	276.0	272.5	278.1
New York PMSA .....	354.8	346.1	346.4	232.1	229.2	230.2	647.4	641.0	647.5
New York City .....	294.6	287.5	289.6	205.1	202.1	203.2	538.3	534.6	539.2
Newburgh .....	13.2	13.2	13.3	6.5	6.3	6.4	29.7	29.4	29.9
Rochester .....	130.9	125.7	126.1	16.9	16.3	16.4	112.1	112.2	113.3
Rockland County .....	13.5	12.7	12.7	5.8	5.7	5.7	21.6	21.4	21.7
Syracuse .....	50.6	49.2	49.8	20.2	19.6	19.6	77.4	77.3	78.0
Utica-Rome .....	21.4	21.0	21.2	4.3	4.1	4.1	26.2	25.5	25.8
Westchester County .....	44.7	43.8	44.1	20.5	20.7	20.5	83.4	81.0	82.4
<b>North Carolina</b> .....	650.2	647.0	651.2	157.9	155.5	156.5	735.6	743.1	745.5
Asheville .....	21.1	21.2	21.4	4.9	4.9	5.0	22.9	22.9	23.0
Charlotte-Gastonia-Rock Hill .....	147.6	147.7	148.5	51.9	52.4	52.4	155.9	156.5	159.0
Greensboro-Winston-Salem-High Point .....	168.7	168.2	168.3	29.7	29.6	30.1	127.1	128.4	127.7
Raleigh-Durham-Chapel Hill .....	79.4	78.5	78.9	24.2	23.8	23.9	104.2	105.8	106.1
<b>North Dakota</b> .....	19.3	20.6	21.0	18.0	18.2	18.1	75.8	75.9	76.0
Bismarck .....	2.4	2.4	2.6	3.3	3.3	3.4	11.2	11.2	11.5
Fargo-Moorhead .....	6.2	6.4	6.6	4.7	4.7	4.6	24.4	24.5	24.6
Grand Forks .....	2.8	3.0	2.9	2.2	2.3	2.3	12.4	12.5	12.3
<b>Ohio</b> .....	1,054.2	1,051.5	1,059.6	216.3	212.5	213.8	1,164.2	1,185.5	1,193.6
Akron .....	62.6	61.9	62.2	14.1	14.1	14.0	70.8	71.1	71.4
Canton-Massillon .....	44.5	44.8	45.8	5.9	6.0	6.0	41.7	41.9	42.1
Cincinnati .....	143.2	141.9	142.1	40.2	40.1	40.3	196.2	197.9	199.4
Cleveland-Lorain-Elyria .....	219.9	216.8	218.7	43.6	42.6	42.8	247.0	242.8	245.5
Columbus .....	92.0	92.6	92.9	31.1	31.2	31.2	188.2	186.9	187.5
Dayton-Springfield .....	94.1	93.8	94.8	17.9	17.4	17.6	101.8	104.1	104.4
Toledo .....	55.5	56.9	56.0	13.9	13.0	13.1	72.2	72.2	72.4
Youngstown-Warren .....	54.2	56.0	56.7	8.6	8.6	8.7	60.0	60.9	61.6
<b>Oklahoma</b> .....	168.3	169.2	171.1	72.5	72.1	72.2	291.5	294.2	296.4
Enid .....	1.5	1.8	1.7	2.1	2.1	2.1	6.7	6.8	8.5
Lawton .....	3.7	3.8	3.8	1.7	1.8	1.7	8.8	8.7	9.0
Oklahoma City .....	48.5	49.8	50.1	22.0	22.0	22.0	106.6	107.7	106.9
Tulsa .....	54.4	54.6	54.4	26.8	26.9	26.4	77.1	75.9	77.3
<b>Oregon</b> .....	212.6	212.6	221.1	68.3	66.1	67.0	329.2	331.9	336.6
Eugene-Springfield .....	18.3	18.6	18.9	4.7	4.7	4.8	30.6	29.9	30.3
Medford-Ashland .....	8.7	8.8	9.0	2.9	3.0	3.0	16.5	17.2	17.2
Portland-Vancouver .....	125.0	126.0	128.9	44.1	43.2	43.5	193.0	194.7	197.1
Salem .....	15.5	14.7	17.0	3.4	3.5	3.6	25.6	25.6	26.0
<b>Pennsylvania</b> .....	946.8	934.0	941.5	269.9	273.1	271.8	1,155.9	1,161.6	1,173.4
Allentown-Bethlehem-Easton .....	61.8	61.4	61.8	13.4	12.5	12.5	52.7	52.5	52.3
Altoona .....	10.0	10.0	10.1	5.0	5.1	5.1	14.9	15.0	15.2
Erie .....	35.5	34.6	35.0	4.4	4.4	4.5	26.2	27.5	27.9
Harrisburg-Lebanon-Carlisle .....	47.8	47.5	47.9	20.8	20.7	20.6	89.4	68.5	68.2
Johnstown .....	12.4	12.6	12.8	5.0	5.1	5.0	20.0	20.2	20.2
Lancaster .....	58.0	55.1	55.8	7.0	6.9	7.0	48.9	49.5	49.6
Philadelphia PMSA .....	315.7	308.5	308.8	103.6	103.8	104.2	474.2	472.1	475.5
Philadelphia City .....	66.1	64.6	65.1	37.7	38.6	38.4	117.8	118.5	119.2
Pittsburgh .....	132.0	127.4	131.7	65.0	64.1	63.6	251.0	253.5	256.0
Reading .....	43.2	43.3	44.0	6.6	6.7	6.7	35.5	35.6	36.3
Scranton-Wilkes-Barre-Hazleton .....	59.1	59.6	58.9	15.7	15.8	15.8	64.1	65.0	65.5
Sharon .....	9.7	10.1	10.4	1.9	1.8	1.9	10.8	10.7	10.8
State College .....	8.5	8.9	8.6	1.9	1.8	1.9	11.6	11.4	11.5
Williamsport .....	13.8	13.3	13.3	1.9	1.8	1.9	11.8	12.1	12.1
York .....	47.0	46.9	47.0	8.6	8.7	8.7	37.7	37.1	37.1
<b>Rhode Island</b> .....	88.9	86.0	86.6	14.6	14.6	15.1	95.0	95.4	97.4
Providence-Fall River-Warwick .....	110.5	109.0	110.3	16.9	17.1	17.6	108.4	107.9	110.1

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	Finance, insurance, and real estate			Services			Government		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>New York—Continued</b>									
Buffalo-Niagra Falls .....	29.0	28.8	28.7	149.9	151.3	151.9	87.7	88.1	87.4
Dutchess County .....	4.5	4.4	4.5	30.5	31.5	31.0	22.9	21.9	22.1
Elmira .....	1.4	1.4	1.5	10.7	10.8	10.8	7.2	7.3	7.3
Glens Falls .....	1.7	1.7	1.7	14.2	13.0	14.3	9.8	9.8	9.9
Nassau-Suffolk .....	81.4	79.9	80.8	328.3	326.9	328.8	178.4	177.9	178.5
New York PMSA .....	507.2	509.3	515.3	1,283.1	1,304.0	1,308.0	658.3	661.4	654.7
New York City .....	473.2	478.8	482.8	1,118.9	1,141.3	1,142.9	574.3	578.2	570.5
Newburgh .....	8.2	8.1	8.2	29.8	29.7	30.2	26.7	26.6	26.8
Rochester .....	24.4	24.2	24.8	142.2	148.7	148.9	78.2	78.9	78.5
Rockland County .....	5.3	5.1	5.2	29.0	29.2	29.4	21.2	20.8	21.0
Syracuse .....	20.0	19.6	19.8	91.5	90.1	89.7	59.3	59.1	59.6
Utica-Rome .....	8.1	8.1	8.2	30.8	33.3	33.3	31.2	31.8	31.7
Westchester County .....	27.5	26.3	26.5	128.5	128.0	130.1	58.7	58.2	59.0
<b>North Carolina</b> .....	139.3	144.4	148.1	698.9	724.0	731.8	530.9	550.8	544.9
Asheville .....	3.1	3.1	3.2	27.9	26.8	28.1	14.7	15.4	15.2
Charlotte-Gastonia-Rock Hill .....	41.1	42.8	43.1	149.6	152.0	154.0	76.6	79.5	78.2
Greensboro-Winston-Salem-High Point .....	28.1	26.5	26.4	132.1	134.7	136.4	62.5	65.5	65.6
Raleigh-Durham-Chapel Hill .....	24.5	25.0	25.1	152.1	154.8	156.4	110.4	114.4	113.6
<b>North Dakota</b> .....	13.8	13.8	13.9	77.2	79.7	80.0	66.0	68.5	65.8
Bismarck .....	1.9	2.0	2.1	13.4	13.3	13.4	9.3	9.6	9.6
Fargo-Moorhead .....	5.2	5.4	5.4	23.9	24.0	24.1	14.8	16.0	15.1
Grand Forks .....	1.6	1.6	1.6	11.9	12.6	12.7	11.4	12.8	11.3
<b>Ohio</b> .....	262.1	260.9	263.3	1,297.0	1,307.6	1,318.5	735.4	762.2	743.9
Akron .....	12.0	12.6	12.8	80.1	84.1	85.1	39.6	48.2	40.7
Canton-Massillon .....	6.7	6.6	6.7	42.6	43.7	44.3	18.8	20.2	19.2
Cincinnati .....	48.0	46.5	47.0	211.5	214.9	217.5	100.4	105.7	103.3
Cleveland-Lorain-Elyria .....	65.8	66.5	67.4	301.3	308.9	310.6	144.0	142.9	143.9
Columbus .....	80.9	59.4	59.6	197.1	198.1	199.7	134.7	136.3	136.8
Dayton-Springfield .....	17.4	17.2	17.4	121.3	124.3	124.2	73.8	75.4	73.6
Toledo .....	11.2	11.3	11.4	83.7	84.1	84.7	43.8	48.4	45.1
Youngstown-Warren .....	10.4	10.1	10.1	58.5	59.8	60.4	29.3	31.1	30.5
<b>Oklahoma</b> .....	62.3	61.8	62.2	309.0	313.6	317.9	266.9	276.9	266.5
Enid .....	1.1	1.0	1.1	6.1	5.9	6.0	4.0	4.1	3.9
Lawton .....	1.7	1.8	1.8	7.7	6.3	8.3	12.4	12.8	12.9
Oklahoma City .....	26.4	26.1	26.0	120.2	122.0	123.7	102.5	106.1	102.9
Tulsa .....	18.0	18.0	18.1	93.9	96.6	97.2	41.1	41.2	40.5
<b>Oregon</b> .....	91.8	96.0	96.6	328.3	336.4	337.3	241.7	242.4	240.3
Eugene-Springfield .....	6.7	7.3	7.4	30.9	31.7	31.6	26.1	25.9	25.9
Medford-Ashland .....	2.8	2.8	2.8	14.8	14.8	15.1	10.5	10.4	10.4
Portland-Vancouver .....	63.6	64.4	64.9	203.0	211.2	211.0	110.5	110.6	110.5
Salem .....	6.7	6.6	6.8	26.3	27.4	27.1	33.4	33.7	33.4
<b>Pennsylvania</b> .....	308.2	307.5	310.5	1,531.5	1,569.6	1,567.4	709.3	726.1	724.9
Allentown-Bethlehem-Easton .....	13.9	14.2	14.4	75.2	77.1	76.8	27.9	26.5	26.5
Altoona .....	1.8	2.0	2.0	14.7	14.3	14.5	8.2	8.2	8.1
Erie .....	5.7	5.8	5.9	33.5	34.1	34.0	13.9	15.2	14.1
Harrisburg-Lebanon-Carlisle .....	22.7	23.1	23.5	80.3	80.7	81.0	69.8	71.3	71.2
Johnstown .....	4.3	4.1	4.4	23.6	24.0	24.1	13.6	13.7	13.6
Lancaster .....	9.2	9.1	9.2	45.9	48.4	48.0	17.6	18.0	18.0
Philadelphia PMSA .....	157.7	153.9	154.3	710.6	723.3	724.5	305.9	308.7	308.6
Philadelphia City .....	58.1	57.0	57.1	261.1	268.7	264.5	132.7	131.3	131.5
Pittsburgh .....	61.0	61.4	62.2	351.1	359.0	358.6	124.6	127.2	126.5
Reading .....	8.8	9.3	9.5	35.7	35.9	36.4	17.8	18.8	18.5
Scranton-Wilkes-Barre-Hazleton .....	12.0	11.6	11.7	69.9	71.4	70.7	33.7	34.7	34.1
Sharon .....	1.8	1.6	1.6	11.8	13.0	12.3	5.1	5.6	5.7
State College .....	2.0	2.1	2.2	11.9	11.7	12.1	20.9	25.1	21.6
Williamsport .....	2.3	2.2	2.2	12.5	13.4	12.8	6.4	6.5	6.7
York .....	5.1	5.2	5.2	33.2	34.9	34.8	14.9	15.1	15.2
<b>Rhode Island</b> .....	25.4	25.1	25.3	136.1	140.8	142.2	62.3	63.0	62.8
Providence-Fall River-Warwick .....	27.2	26.9	27.1	141.4	146.2	148.7	64.4	65.1	64.8

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>South Carolina</b> .....	1,590.9	1,605.7	1,609.0	1.8	1.7	1.8	83.4	81.9	82.1
Charleston-North Charleston .....	209.3	206.3	205.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.2	11.6	11.7
Columbia .....	248.7	250.5	250.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	12.3	12.3	12.4
Greenville-Spartanburg-Anderson .....	418.8	425.2	426.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	24.4	25.8	26.2
<b>South Dakota</b> .....	327.3	330.3	336.9	2.6	2.3	2.4	15.1	14.3	15.5
Rapid City .....	44.5	43.8	46.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	2.9	3.1
Sioux Falls .....	90.0	90.2	92.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.9	4.7	5.0
<b>Tennessee</b> .....	2,335.5	2,396.3	2,399.7	4.8	4.9	4.9	97.7	98.3	100.3
Chattanooga .....	209.4	211.4	212.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.5	7.7	8.0
Johnson City-Kingsport-Bristol .....	185.4	184.1	184.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.8	8.6	8.5
Knoxville .....	299.4	299.3	300.0	.8	.6	.6	14.4	15.6	15.6
Memphis .....	487.0	494.8	493.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	18.4	18.7	19.1
Nashville .....	543.1	558.6	561.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	22.8	24.3	24.6
<b>Texas</b> .....	7,495.7	7,692.1	7,719.2	166.0	160.3	160.4	357.6	365.5	374.3
Abilene .....	49.7	50.5	49.9	1.3	1.3	1.3	2.0	1.9	2.0
Amarillo .....	82.9	86.2	85.8	.8	.7	.7	3.3	4.0	4.1
Austin-San Marcos .....	449.3	470.3	471.4	1.0	1.0	1.0	17.6	20.2	21.2
Beaumont-Port Arthur .....	146.2	152.4	151.3	1.0	1.0	1.0	13.0	13.6	13.5
Brazoria .....	70.3	72.6	72.4	1.0	1.0	1.0	9.6	10.7	10.3
Brownsville-Harlingen-San Benito .....	86.2	91.3	91.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.7	2.8	2.8
Bryan-College Station .....	57.0	63.4	58.9	.7	.7	.7	2.3	2.3	2.4
Corpus Christi .....	139.9	143.9	143.4	2.7	2.7	2.8	12.7	12.4	12.7
Dallas .....	1,477.6	1,530.6	1,546.0	17.0	16.9	17.1	53.9	59.7	61.1
El Paso .....	224.0	229.5	229.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	8.4	9.0	9.2
Fl. Worth-Arlington .....	616.2	627.7	631.7	4.5	4.5	4.6	24.3	26.9	27.5
Galveston-Texas City .....	84.6	85.7	85.7	.7	.7	.7	4.7	4.9	4.8
Houston .....	1,668.0	1,690.2	1,702.3	65.3	66.1	66.6	108.4	110.7	115.6
Killeen-Temple .....	83.3	85.6	87.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	3.9	4.3
Laredo .....	52.6	55.7	55.7	2.3	2.5	2.5	1.8	2.0	2.0
Longview-Marshall .....	78.6	81.0	80.7	3.5	3.5	3.5	3.2	3.5	3.5
Lubbock .....	102.4	104.9	103.7	.2	.1	.1	3.7	4.2	4.4
McAllen-Edinburg-Mission .....	111.5	120.0	119.7	.9	1.0	1.0	5.1	5.2	5.2
Odessa-Midland .....	91.0	91.7	91.6	12.9	12.3	12.5	4.5	4.3	4.5
San Angelo .....	38.7	39.8	39.6	.6	.5	.5	1.4	1.5	1.5
San Antonio .....	574.2	588.9	588.1	1.8	1.8	1.8	25.7	26.5	26.9
Sherman-Denison .....	36.7	37.5	37.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.5	1.6
Texarkana .....	48.4	47.8	47.7	.1	.1	.1	1.9	2.3	2.5
Tyler .....	67.0	68.4	68.4	1.3	1.4	1.4	2.3	2.3	2.3
Victoria .....	32.4	33.3	33.0	1.3	1.3	1.3	2.1	2.1	2.2
Waco .....	84.3	87.5	86.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.7	3.9	4.1
Wichita Falls .....	53.2	54.1	54.1	1.4	1.4	1.4	1.8	1.8	1.8
<b>Utah</b> .....	814.5	851.4	862.3	8.3	8.1	8.2	41.3	46.9	49.2
Provo-Orem .....	106.2	113.1	115.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	7.1	7.5
Salt Lake City-Ogden .....	550.5	577.6	583.3	3.2	3.0	3.1	27.2	31.0	32.9
<b>Vermont</b> .....	256.9	256.1	258.2	.6	.7	.7	12.6	10.9	11.7
Barre-Montpelier .....	29.2	29.0	29.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.5	1.2	1.3
Burlington .....	88.7	89.4	90.0	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	4.3	4.6
<b>Virginia</b> .....	2,946.2	3,011.3	3,031.8	12.9	11.8	11.8	156.6	159.8	163.0
Bristol .....	34.2	34.8	35.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.1	1.3	1.3
Charlottesville .....	71.2	71.7	72.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.0	4.0	4.0
Danville .....	43.2	44.0	44.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	2.1	2.2
Lynchburg .....	92.9	95.6	95.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.7	5.0	5.1
Norfolk-Virginia Beach-Newport News .....	616.2	618.6	625.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	33.0	32.6	32.9
Northern Virginia .....	871.5	899.6	909.1	.5	.6	.6	45.0	49.7	50.8
Richmond-Petersburg .....	478.5	491.6	493.6	.7	.7	.7	28.1	28.3	28.6
Roanoke .....	130.4	134.6	136.3	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	7.0	7.2	7.5
<b>Washington</b> .....	2,277.5	2,290.6	2,313.7	3.3	3.5	3.5	120.0	124.1	127.6
Seattle-Bellevue-Everett .....	1,153.1	1,152.7	1,160.1	.6	.6	.6	58.2	59.0	59.3
<b>West Virginia</b> .....	653.9	687.6	676.0	25.1	29.0	29.4	32.4	35.6	38.1
Charleston .....	119.9	121.7	122.6	1.6	1.7	1.7	7.1	7.0	7.4
Huntington-Ashland .....	110.2	111.1	110.3	1.8	1.8	1.8	5.0	5.0	5.3
Parkersburg-Marietta .....	63.4	65.2	65.0	.4	.4	.4	3.6	3.4	3.0
Wheeling .....	60.3	61.4	61.6	1.5	1.8	1.9	2.2	2.6	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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>South Carolina</b> .....	376.7	370.6	372.3	66.8	67.8	66.0	358.4	361.5	364.6
Charleston-North Charleston .....	20.8	19.5	19.7	10.6	10.0	10.3	51.4	51.1	51.6
Columbia .....	26.3	26.6	26.7	11.2	11.2	11.2	54.9	55.0	55.4
Greenville-Spartanburg-Anderson .....	125.9	124.7	125.1	17.0	17.4	17.4	96.2	97.6	97.9
<b>South Dakota</b> .....	39.6	42.5	43.6	14.7	15.0	15.0	83.5	83.7	84.9
Rapid City .....	4.5	4.4	4.5	1.9	1.9	2.0	13.3	13.0	14.0
Sioux Falls .....	11.1	11.5	11.8	5.6	5.5	5.6	24.3	24.1	24.4
<b>Tennessee</b> .....	532.0	538.8	542.8	128.9	129.3	129.8	535.3	550.8	555.0
Chattanooga .....	45.0	45.4	45.4	7.3	7.3	7.4	50.8	52.2	52.5
Johnson City-Kingsport-Bristol .....	54.2	53.1	53.3	7.5	8.0	8.0	40.6	41.2	41.2
Knoxville .....	50.7	50.6	50.8	11.3	11.2	11.2	74.3	72.4	72.5
Memphis .....	65.2	65.9	66.0	48.9	49.7	50.1	125.8	127.4	128.0
Nashville .....	94.3	95.9	96.2	32.3	32.3	32.6	128.1	132.0	132.8
<b>Texas</b> .....	990.7	998.0	1,003.6	440.3	444.7	447.1	1,809.2	1,859.3	1,870.9
Abilene .....	4.1	3.8	3.8	2.8	2.6	2.6	13.0	12.9	12.9
Amarillo .....	9.1	9.4	9.4	5.5	5.7	5.8	23.1	24.1	23.9
Austin-San Marcos .....	59.6	61.2	61.9	14.6	14.7	14.8	92.0	97.6	98.3
Beaumont-Port Arthur .....	25.5	25.1	25.2	9.5	9.4	9.4	33.8	34.5	34.6
Brazoria .....	17.3	17.1	17.1	2.6	2.6	2.7	13.2	14.0	14.1
Brownsville-Harlingen-San Benito .....	12.9	13.7	13.6	3.8	3.8	3.9	23.0	24.1	24.3
Bryan-College Station .....	3.9	4.0	3.9	1.4	1.4	1.4	12.4	12.9	12.6
Corpus Christi .....	13.6	13.6	13.6	6.7	6.6	6.4	32.0	34.1	33.7
Dallas .....	222.5	222.3	223.5	88.1	92.1	94.3	371.1	385.5	390.8
El Paso .....	45.7	46.6	46.5	11.5	11.4	11.5	54.3	55.2	55.1
Ft. Worth-Arlington .....	102.2	101.1	101.8	56.8	57.3	57.7	157.0	159.0	159.7
Galveston-Texas City .....	8.4	8.3	8.3	5.0	5.2	5.1	18.2	18.4	18.6
Houston .....	179.0	178.1	179.2	114.7	114.8	114.8	392.6	394.8	397.4
Killeen-Temple .....	9.2	9.2	9.5	2.9	2.7	2.7	18.6	19.7	19.7
Laredo .....	1.7	1.9	1.9	8.4	8.8	8.8	16.2	17.0	17.0
Longview-Marshall .....	17.0	17.1	17.0	3.8	3.7	3.7	19.8	19.9	19.9
Lubbock .....	7.1	7.5	7.6	5.3	5.3	5.2	26.2	29.1	28.7
McAllen-Edinburg-Mission .....	13.0	13.6	13.6	3.7	4.0	3.9	33.0	35.7	35.7
Odessa-Midland .....	6.6	6.4	6.4	4.3	4.3	4.3	23.0	23.6	24.1
San Angelo .....	4.9	5.0	5.0	2.9	2.6	2.8	9.3	9.5	9.6
San Antonio .....	46.7	47.6	47.9	26.5	27.1	27.7	143.1	145.8	146.9
Sherman-Denison .....	9.9	9.9	9.9	1.4	1.5	1.6	7.9	7.7	7.8
Texarkana .....	6.1	5.5	5.5	2.2	2.0	2.0	11.8	11.8	11.8
Tyler .....	11.9	11.6	11.8	3.2	3.1	3.1	16.8	17.6	17.7
Victoria .....	3.3	3.2	3.2	1.5	1.4	1.4	8.5	8.8	8.6
Waco .....	15.4	16.2	16.4	3.4	3.5	3.5	19.3	19.6	19.7
Wichita Falls .....	7.7	7.9	8.0	2.6	2.6	2.6	12.6	12.6	12.7
<b>Utah</b> .....	110.3	115.2	116.1	47.1	48.1	48.7	192.1	199.2	203.5
Provo-Orem .....	14.3	15.3	15.6	2.1	2.2	2.2	23.0	24.8	25.4
Salt Lake City-Ogden .....	70.4	72.4	73.0	36.9	39.0	39.1	131.8	137.1	139.7
<b>Vermont</b> .....	44.1	42.6	43.3	11.5	11.0	11.2	60.6	60.7	61.9
Barre-Montpelier .....	3.6	3.6	3.7	.8	.8	.8	5.9	6.2	6.4
Burlington .....	16.3	15.9	16.2	3.9	3.7	3.8	21.4	20.0	20.3
<b>Virginia</b> .....	406.7	402.7	404.0	150.1	152.2	152.3	653.2	673.9	678.7
Bristol .....	10.0	10.1	10.2	1.3	1.4	1.4	8.6	9.3	9.4
Charlottesville .....	7.6	7.8	7.8	2.4	2.4	2.4	14.3	14.6	14.8
Danville .....	15.8	15.3	15.4	1.1	1.2	1.2	6.9	9.3	9.4
Lynchburg .....	26.9	26.4	26.6	3.3	3.4	3.5	19.7	20.2	20.3
Norfolk-Virginia Beach-Newport News .....	68.6	68.8	68.3	29.1	30.3	30.3	143.6	143.8	146.6
Northern Virginia .....	39.5	39.5	39.5	52.6	51.9	52.0	193.9	201.9	204.0
Richmond-Petersburg .....	61.9	60.7	59.9	24.0	25.1	25.1	108.6	112.7	113.1
Roanoke .....	16.6	19.2	19.1	8.7	6.7	8.7	34.5	35.1	35.4
<b>Washington</b> .....	342.8	331.8	334.4	115.2	116.8	116.3	551.2	549.9	559.3
Seattle-Bellevue-Everett .....	205.2	193.8	193.9	69.5	70.7	71.2	272.1	276.5	278.6
<b>West Virginia</b> .....	83.7	81.3	81.9	38.9	39.4	39.7	149.3	154.7	155.0
Charleston .....	10.3	9.9	10.0	6.8	9.0	9.2	29.6	30.4	30.6
Huntington-Ashland .....	18.0	17.1	17.1	6.7	6.6	6.6	28.2	29.0	29.1
Parkersburg-Marietta .....	12.6	12.6	13.0	2.6	2.5	2.5	15.9	16.5	16.7
Wheeling .....	6.6	5.9	6.0	3.4	3.6	3.7	15.2	15.3	15.5

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>South Carolina</b> .....	67.0	66.6	67.4	339.2	349.7	351.7	297.6	306.1	301.1
Charleston-North Charleston .....	8.2	8.1	8.1	51.1	52.6	52.4	55.0	53.4	52.0
Columbia .....	18.6	18.1	18.3	56.0	56.8	57.0	69.4	70.5	69.6
Greenville-Spartanburg-Anderson .....	14.5	14.6	14.7	86.3	89.3	89.8	54.5	55.8	55.1
<b>South Dakota</b> .....	17.8	18.2	18.5	85.7	84.9	87.0	68.3	69.4	70.0
Rapid City .....	1.6	1.5	1.5	12.8	12.5	13.2	7.4	7.6	7.8
Sioux Falls .....	9.0	9.4	9.5	25.4	25.3	25.7	9.7	9.7	10.0
<b>Tennessee</b> .....	104.9	106.0	106.9	579.6	597.9	600.8	354.3	370.3	359.4
Chattanooga .....	13.4	13.9	14.0	51.4	52.2	52.4	34.0	32.7	32.5
Johnson City-Kingport-Bristol .....	5.5	5.0	5.1	40.1	39.2	39.0	28.7	29.0	29.3
Knoxville .....	10.4	10.5	10.6	82.4	82.2	83.2	55.3	56.2	55.5
Memphis .....	25.2	25.6	25.7	129.9	130.8	131.3	73.8	76.7	73.7
Nashville .....	31.1	30.8	30.9	182.9	186.8	188.2	71.8	76.5	75.8
<b>Texas</b> .....	428.9	438.4	441.3	1,950.0	2,004.0	2,037.8	1,352.1	1,421.9	1,383.8
Ablene .....	1.8	1.9	1.9	15.4	16.2	15.7	9.5	9.9	9.7
Amarillo .....	4.2	4.1	4.1	20.6	20.5	21.1	16.3	17.7	18.7
Austin-San Marcos .....	25.7	26.6	26.9	121.2	122.9	124.2	117.8	125.9	123.1
Beaumont-Port Arthur .....	4.8	4.7	4.8	38.7	39.7	39.9	22.1	24.4	22.9
Brazoria .....	1.9	1.8	1.8	11.8	12.2	12.3	12.9	13.2	13.1
Brownsville-Harlingen-San Benito .....	3.5	3.7	3.7	20.6	22.0	22.4	19.7	21.2	20.8
Bryan-College Station .....	2.1	2.4	2.5	12.3	13.2	13.2	21.9	26.5	22.2
Corpus Christi .....	6.1	6.1	6.1	38.0	37.5	38.0	30.1	30.9	30.1
Dallas .....	126.8	129.7	131.8	416.8	433.3	440.5	181.4	191.1	186.9
El Paso .....	8.4	8.5	8.5	48.3	49.5	50.1	47.4	49.1	49.0
Ft. Worth-Arlington .....	28.4	28.8	29.0	158.7	164.3	166.8	84.3	86.0	84.8
Galveston-Texas City .....	5.6	5.7	5.7	17.1	17.4	17.6	24.9	25.1	24.9
Houston .....	97.6	97.7	98.6	483.8	493.5	498.7	226.4	234.5	231.4
Killeen-Temple .....	3.6	3.8	3.7	20.8	21.3	21.5	24.8	25.2	25.8
Laredo .....	2.0	2.0	2.0	8.9	9.4	9.4	11.3	12.1	12.1
Longview-Marshall .....	2.7	2.7	2.7	17.8	19.1	19.3	10.8	11.5	11.1
Lubbock .....	4.8	4.7	4.7	29.2	28.6	28.8	24.1	25.4	24.2
McAllen-Edinburg-Mission .....	4.0	4.2	4.3	21.1	22.8	22.7	30.7	33.5	33.1
Odessa-Midland .....	3.7	3.6	3.6	20.0	20.1	20.1	16.0	16.9	16.1
San Angelo .....	1.7	1.6	1.7	10.6	10.9	11.1	7.3	8.0	7.4
San Antonio .....	39.7	41.4	41.7	166.5	169.4	170.5	124.2	129.3	124.7
Sherman-Denison .....	2.1	2.1	2.1	9.1	9.7	9.2	4.8	5.1	5.0
Texarkana .....	1.9	1.9	1.9	12.8	12.7	12.8	11.8	11.5	11.1
Tyler .....	3.2	3.3	3.3	17.9	18.2	18.2	10.4	10.7	10.6
Victoria .....	1.6	1.6	1.6	8.1	8.4	8.4	6.0	6.5	6.1
Waco .....	5.2	5.2	5.3	23.3	23.9	23.8	14.0	15.0	14.3
Wichita Falls .....	2.2	2.2	2.2	14.0	14.4	14.4	10.9	11.2	11.0
<b>Utah</b> .....	41.1	46.2	46.7	212.2	220.8	225.4	162.1	187.1	164.5
Provo-Orem .....	2.9	3.4	3.4	41.3	43.3	44.4	18.6	17.0	17.0
Salt Lake City-Ogden .....	33.7	37.3	37.4	141.8	148.9	150.4	105.5	108.9	107.7
<b>Vermont</b> .....	12.2	12.0	12.1	71.4	71.7	73.1	43.9	46.3	44.2
Barre-Montpelier .....	2.5	2.5	2.5	7.5	7.5	7.6	7.4	7.2	7.2
Burlington .....	4.4	4.4	4.5	24.3	26.4	26.6	14.0	14.7	14.0
<b>Virginia</b> .....	158.1	163.1	164.5	809.7	839.8	852.2	598.9	608.0	605.3
Bristol .....	1.2	1.1	1.1	6.1	5.9	5.6	5.7	5.7	5.9
Charlottesville .....	4.0	4.2	4.2	17.2	17.2	17.4	21.5	21.5	22.2
Danville .....	1.4	1.4	1.4	8.0	8.4	8.5	6.0	6.3	6.3
Lynchburg .....	4.1	4.4	4.4	21.9	23.7	23.4	12.3	12.5	12.5
Norfolk-Virginia Beach-Newport News .....	27.7	28.8	29.5	170.8	173.4	178.5	143.4	143.1	143.3
Northern Virginia .....	53.5	55.2	55.9	308.9	324.1	328.4	177.4	176.7	177.9
Richmond-Petersburg .....	40.0	42.2	42.6	115.8	118.9	120.7	99.4	103.0	102.9
Roanoke .....	8.9	8.8	8.9	35.5	36.1	36.3	17.0	17.5	17.4
<b>Washington</b> .....	121.7	121.4	122.3	585.8	598.5	603.1	437.5	444.6	445.2
Seattle-Bellevue-Everett .....	75.0	74.2	74.2	303.8	306.4	310.5	168.9	171.5	171.8
<b>West Virginia</b> .....	25.3	25.1	25.3	167.4	175.7	178.0	131.8	146.8	132.8
Charleston .....	6.6	6.5	6.4	33.8	33.6	33.8	22.1	23.6	23.5
Huntington-Ashland .....	3.8	3.8	3.8	27.3	27.4	27.5	19.4	20.8	19.3
Parkersburg-Marietta .....	2.3	2.3	2.3	15.4	16.1	16.3	10.4	11.2	10.8
Wheeling .....	3.0	3.0	3.0	18.5	19.1	18.9	9.9	10.1	9.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Wisconsin</b> .....	2,438.0	2,458.0	2,497.0	2.6	2.4	2.6	99.6	101.1	107.5
Appleton-Oshkosh-Neenah .....	175.8	175.9	179.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.0	9.2	10.1
Eau Claire .....	60.7	63.1	62.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.4	2.7
Green Bay .....	117.0	122.8	124.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.0	6.3	6.8
Janesville-Beloit .....	63.5	64.4	64.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.4	2.8	3.0
Kenosha .....	44.8	45.8	45.5	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.9	1.9	1.9
La Crosse .....	62.0	64.2	63.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.3	2.1	2.3
Madison .....	240.6	247.4	246.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	10.3	10.8	11.4
Milwaukee-Waukesha .....	778.8	779.3	791.4	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	29.0	30.4	31.8
Racine .....	77.5	78.4	79.6	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.0	3.1	3.3
Sheboygan .....	55.4	55.9	57.8	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.0	2.7	2.9
Wausau .....	57.1	57.8	58.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	2.1	2.1	2.2
<b>Wyoming</b> .....	220.9	214.8	223.7	17.8	17.4	17.9	14.0	13.7	14.9
Casper .....	29.4	29.1	29.7	2.1	2.1	2.1	1.5	1.5	1.6
<b>Puerto Rico</b> .....	858.1	865.0	864.2	1.0	.9	.9	47.0	43.0	43.2
Caguas .....	54.6	56.3	56.2	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	1.7	1.6	1.8
Mayaguez .....	64.9	64.1	64.1	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	3.4	2.8	2.7
Ponce .....	69.0	69.6	69.7	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	4.4	3.9	4.1
San Juan-Bayamon .....	594.0	598.5	597.5	.5	.5	.5	34.1	31.5	32.3
<b>Virgin Islands</b> .....	49.8	45.3	44.9	( <sup>1</sup> )	( <sup>1</sup> )	( <sup>1</sup> )	6.5	2.4	2.4

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Wisconsin</b> .....	562.9	564.7	578.3	115.6	111.8	115.6	561.5	560.6	569.7
Appleton-Oshkosh-Neenah .....	56.2	56.7	58.5	6.9	6.8	7.0	36.7	36.6	36.7
Eau Claire .....	10.3	10.1	10.4	3.3	3.2	3.2	16.9	17.3	17.2
Green Bay .....	24.9	25.3	26.0	8.5	8.8	8.9	28.1	29.1	29.4
Janesville-Beloit .....	18.6	18.5	18.5	2.4	2.6	2.5	15.0	14.9	15.0
Kenosha .....	10.0	9.9	10.0	1.6	1.7	1.8	12.6	12.9	13.0
La Crosse .....	11.3	11.2	11.4	2.9	2.7	2.8	16.7	16.9	16.6
Madison .....	27.0	27.3	27.9	8.1	8.0	8.0	52.4	53.5	53.8
Milwaukee-Waukesha .....	167.1	168.1	170.3	37.6	36.0	37.3	171.6	170.4	172.4
Racine .....	23.6	24.4	24.6	2.6	2.5	2.6	17.0	16.7	16.8
Sheboygan .....	22.9	23.5	24.2	1.8	1.8	1.8	10.1	10.0	10.1
Wausau .....	16.1	15.9	16.1	3.7	3.9	3.9	13.6	13.7	13.9
<b>Wyoming</b> .....	9.4	9.5	9.7	14.7	14.4	14.5	50.7	48.2	51.4
Casper .....	1.6	1.5	1.6	1.6	1.6	1.6	8.3	8.3	8.4
<b>Puerto Rico</b> .....	150.6	148.7	149.3	20.6	21.0	21.4	164.8	167.7	167.7
Caguas .....	14.5	13.8	13.7	.5	.6	.5	11.7	12.4	12.6
Mayaguez .....	19.9	19.0	19.2	.5	.5	.5	10.3	10.5	10.4
Ponce .....	12.2	11.9	11.6	1.7	1.8	2.1	12.0	11.8	11.9
San Juan-Bayamon .....	67.4	67.0	66.8	15.9	14.7	14.9	110.0	111.4	111.5
<b>Virgin Islands</b> .....	2.9	2.9	2.9	2.7	2.7	2.6	10.8	10.9	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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Wisconsin</b> .....	131.5	132.9	134.5	604.1	812.7	825.1	360.2	371.8	363.9
Appleton-Oshkosh-Neenah .....	8.9	8.8	8.9	37.0	37.8	36.5	19.8	19.9	19.8
Eau Claire .....	2.2	2.2	2.2	15.1	15.7	15.8	10.5	12.2	10.9
Green Bay .....	7.5	8.0	8.0	29.3	32.4	32.1	12.8	12.8	13.2
Janesville-Beloit .....	1.8	1.9	2.0	15.3	15.3	15.5	8.0	8.4	8.2
Kenosha .....	1.8	1.3	1.3	10.5	10.9	10.5	6.7	7.0	6.9
La Crosse .....	2.2	2.3	2.4	18.0	18.9	18.9	8.8	10.0	9.0
Madison .....	21.0	20.8	20.9	56.8	59.0	59.7	65.1	68.2	65.2
Milwaukee-Waukesha .....	52.7	53.9	54.4	229.3	231.5	235.7	91.3	68.6	89.4
Racine .....	2.5	2.4	2.4	19.5	20.2	20.5	9.3	9.1	9.3
Sheboygan .....	2.1	2.0	2.0	10.6	10.0	10.8	5.9	5.9	6.0
Wausau .....	4.4	4.4	4.4	10.7	10.7	10.8	6.7	7.1	6.8
<b>Wyoming</b> .....	7.8	7.7	7.8	47.8	43.7	48.5	58.7	60.0	59.0
Casper .....	1.2	1.1	1.2	7.5	7.3	7.6	5.6	5.7	5.6
<b>Puerto Rico</b> .....	39.2	40.1	40.2	146.2	153.9	150.1	286.9	289.7	291.4
Caguas .....	1.3	1.5	1.5	8.9	9.8	9.8	16.0	16.6	16.7
Mayaguez .....	1.5	1.5	1.5	9.3	9.5	9.4	20.0	20.3	20.4
Ponce .....	1.9	1.9	1.9	13.0	14.2	13.8	23.8	24.1	24.3
San Juan-Bayamon .....	31.1	31.7	31.8	99.6	105.1	101.9	175.4	178.6	177.8
<b>Virgin Islands</b> .....	2.2	2.1	2.1	11.0	10.7	10.6	13.7	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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Total private</b> .....		34.6	34.8	34.8	34.8	34.9	-	-	-	-	-
<b>Mining</b> .....		44.2	44.1	44.4	44.9	44.3	-	-	-	-	-
Metal mining .....	10	43.2	43.0	43.0	43.6	-	-	-	-	-	
Iron ores .....	101	41.8	41.8	44.5	44.2	-	-	-	-	-	
Copper ores .....	102	47.1	45.3	44.1	46.0	-	-	-	-	-	
Coal mining .....	12	43.7	42.6	45.8	44.7	-	-	-	-	-	
Bituminous coal and lignite mining .....	122	43.6	42.5	45.9	44.7	-	-	-	-	-	
Oil and gas extraction .....	13	43.3	43.7	43.0	44.2	-	-	-	-	-	
Crude petroleum and natural gas .....	131	41.9	42.3	42.2	42.2	-	-	-	-	-	
Oil and gas field services .....	138	44.1	44.4	43.6	45.4	-	-	-	-	-	
Nonmetallic minerals, except fuels .....	14	47.3	47.3	47.7	48.0	-	-	-	-	-	
Crushed and broken stone .....	142	49.1	48.9	49.7	49.3	-	-	-	-	-	
<b>Construction</b> .....		39.3	39.5	39.7	39.6	39.8	-	-	-	-	
General building contractors .....	15	38.0	38.2	38.6	38.5	-	-	-	-	-	
Residential building construction .....	152	37.4	37.6	37.9	37.9	-	-	-	-	-	
Operative builders .....	153	38.5	38.6	38.8	38.8	-	-	-	-	-	
Nonresidential building construction .....	154	38.6	38.8	39.2	39.1	-	-	-	-	-	
Heavy construction, except building .....	16	43.2	43.5	44.0	43.7	-	-	-	-	-	
Highway and street construction .....	161	45.0	45.8	45.4	45.6	-	-	-	-	-	
Heavy construction, except highway .....	162	42.2	42.2	43.2	42.7	-	-	-	-	-	
Special trade contractors .....	17	38.6	38.9	38.9	38.9	-	-	-	-	-	
Plumbing, heating, and air conditioning .....	171	39.8	40.1	39.6	40.1	-	-	-	-	-	
Painting and paper hanging .....	172	37.7	37.4	37.7	37.5	-	-	-	-	-	
Electrical work .....	173	39.6	40.1	39.7	39.9	-	-	-	-	-	
Masonry, stonework, and plastering .....	174	36.1	36.2	36.4	36.5	-	-	-	-	-	
Carpentry and floor work .....	175	36.4	36.3	36.0	36.2	-	-	-	-	-	
Roofing, siding, and sheet metal work .....	176	35.6	38.2	36.5	36.0	-	-	-	-	-	
<b>Manufacturing</b> .....		41.4	41.0	42.0	42.2	41.5	4.1	4.0	4.6	4.7	4.5
<b>Durable goods</b> .....		42.1	41.6	42.9	43.0	42.1	4.3	4.0	5.0	5.1	4.7
Lumber and wood products .....	24	40.8	40.6	41.7	41.6	40.9	4.0	4.1	4.6	4.7	-
Logging .....	241	41.1	40.9	40.7	40.7	-	5.5	5.6	6.5	5.9	-
Sawmills and planing mills .....	242	42.2	41.6	42.8	43.0	-	4.8	4.7	5.1	5.2	-
Sawmills and planing mills, general .....	2421	42.6	41.9	43.3	43.6	-	5.1	5.0	5.5	5.7	-
Hardwood dimension and flooring mills .....	2426	41.0	40.3	40.9	40.7	-	3.7	3.4	3.6	3.6	-
Millwork, plywood, and structural members .....	243	40.1	40.0	41.5	41.3	-	3.4	3.6	4.3	4.4	-
Millwork .....	2431	39.3	39.9	40.5	40.4	-	2.6	3.0	3.3	3.4	-
Wood kitchen cabinets .....	2434	39.9	40.1	41.5	41.4	-	3.2	3.4	5.0	4.9	-
Hardwood veneer and plywood .....	2435	41.2	39.5	41.8	41.8	-	4.4	3.6	4.3	4.1	-
Softwood veneer and plywood .....	2436	41.0	38.6	44.7	42.8	-	4.3	4.4	5.4	5.6	-
Wood containers .....	244	39.7	39.2	40.6	40.4	-	3.5	3.4	4.0	3.8	-
Wood buildings and mobile homes .....	245	40.6	41.7	41.4	41.8	-	3.5	4.2	4.3	4.7	-
Mobile homes .....	2451	40.9	42.2	41.7	42.1	-	3.5	4.5	4.4	4.7	-
Miscellaneous wood products .....	249	40.3	39.7	41.0	41.1	-	3.0	3.1	3.2	3.4	-
Furniture and fixtures .....	25	39.7	39.7	39.9	40.7	40.3	2.8	3.0	3.0	3.4	-
Household furniture .....	251	38.5	38.3	38.9	39.5	-	2.2	2.1	2.5	2.6	-
Wood household furniture .....	2511	38.8	38.8	39.7	39.7	-	2.1	2.2	2.5	2.5	-
Upholstered household furniture .....	2512	37.1	37.0	36.6	38.5	-	1.5	1.3	1.6	2.0	-
Metal household furniture .....	2514	41.8	39.2	42.8	41.9	-	4.1	2.2	5.4	4.5	-
Mattresses and bedsprings .....	2515	39.6	39.7	38.9	40.0	-	3.2	3.7	2.9	3.5	-
Office furniture .....	252	41.7	42.2	40.8	42.4	-	3.6	4.5	3.0	4.1	-
Public building and related furniture .....	253	41.5	41.5	42.1	44.5	-	4.1	4.4	4.3	5.7	-
Partitions and fixtures .....	254	41.1	41.9	41.8	42.1	-	4.0	4.8	4.5	5.1	-
Miscellaneous furniture and fixtures .....	259	41.7	40.8	40.9	41.5	-	3.3	3.0	3.0	3.5	-

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' on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Total private .....</b>		\$10.76	\$10.75	\$11.09	\$11.03	\$11.04	\$372.30	\$374.10	\$385.93	\$383.84	\$385.30
<b>Mining .....</b>		14.59	14.49	14.83	14.71	14.72	644.88	639.01	658.45	660.48	652.10
Metal mining .....	10	15.28	15.10	16.04	15.88	-	660.10	649.30	689.72	692.37	-
Iron ores .....	101	17.93	16.61	17.29	17.13	-	749.47	694.30	769.41	757.15	-
Copper ores .....	102	13.91	14.04	14.25	14.08	-	655.16	636.01	628.43	647.68	-
Coal mining .....	12	17.15	17.20	17.62	17.64	-	749.46	732.72	807.00	788.51	-
Bituminous coal and lignite mining .....	122	17.33	17.38	17.81	17.85	-	759.05	738.65	817.48	797.90	-
Oil and gas extraction .....	13	14.22	14.08	14.08	13.90	-	615.73	615.30	605.44	614.38	-
Crude petroleum and natural gas .....	131	17.25	17.10	17.87	17.73	-	722.78	723.33	754.11	748.21	-
Oil and gas field services .....	138	12.34	12.28	11.84	11.75	-	544.19	545.23	516.22	533.45	-
Nonmetallic minerals, except fuels .....	14	12.66	12.76	13.01	13.04	-	598.82	603.55	620.58	625.92	-
Crushed and broken stone .....	142	12.10	12.17	12.56	12.58	-	594.11	595.11	624.23	620.19	-
<b>Construction .....</b>		14.24	14.37	14.59	14.57	14.76	559.63	567.62	579.22	576.97	587.45
General building contractors .....	15	13.45	13.53	13.82	13.71	-	511.10	516.85	533.45	527.84	-
Residential building construction .....	152	12.43	12.50	12.67	12.52	-	464.88	470.00	480.19	474.51	-
Operative builders .....	153	13.55	13.19	13.37	13.33	-	521.68	509.13	518.76	517.20	-
Nonresidential building construction .....	154	14.43	14.50	14.93	14.87	-	557.00	562.60	585.26	581.42	-
Heavy construction, except building .....	16	14.04	14.12	14.38	14.41	-	606.53	614.22	632.72	629.72	-
Highway and street construction .....	161	14.09	14.33	14.32	14.50	-	634.05	656.31	650.13	661.20	-
Heavy construction, except highway .....	162	14.01	14.00	14.41	14.35	-	591.22	590.80	622.51	612.75	-
Special trade contractors .....	17	14.59	14.74	14.91	14.91	-	563.17	573.39	580.00	580.00	-
Plumbing, heating, and air conditioning .....	171	14.96	15.12	15.23	15.20	-	595.41	606.31	603.11	609.52	-
Painting and paper hanging .....	172	13.29	13.32	13.84	13.93	-	501.03	498.17	521.77	522.38	-
Electrical work .....	173	15.88	15.97	16.13	16.19	-	628.85	640.40	640.36	645.98	-
Masonry, stonework, and plastering .....	174	14.64	14.69	14.99	15.03	-	528.50	531.78	545.64	548.60	-
Carpentry and floor work .....	175	14.20	14.50	14.66	14.85	-	516.88	526.35	527.76	537.57	-
Roofing, siding, and sheet metal work .....	176	12.53	12.81	13.05	12.96	-	446.07	463.72	476.33	466.56	-
<b>Manufacturing .....</b>		11.71	11.72	12.01	12.02	12.03	484.79	480.52	504.42	507.24	499.25
<b>Durable goods .....</b>		12.31	12.28	12.62	12.63	12.60	518.25	510.85	541.40	543.09	530.46
Lumber and wood products .....	24	9.56	9.65	9.79	9.82	9.85	390.05	391.79	408.24	408.51	402.87
Logging .....	241	11.30	11.42	11.44	11.36	-	464.43	467.08	465.61	462.35	-
Sawmills and planing mills .....	242	9.73	9.79	10.01	10.05	-	410.61	407.26	428.43	432.15	-
Sawmills and planing mills, general .....	2421	10.10	10.15	10.38	10.38	-	430.26	425.29	449.45	452.57	-
Hardwood dimension and flooring mills .....	2426	8.16	8.25	8.53	8.67	-	334.56	332.48	348.88	352.87	-
Millwork, plywood, and structural members .....	243	9.59	9.69	9.84	9.87	-	384.56	387.60	408.36	407.63	-
Millwork .....	2431	9.83	9.91	10.09	10.12	-	386.32	395.41	408.65	408.85	-
Wood kitchen cabinets .....	2434	8.93	8.99	9.27	9.30	-	356.31	360.50	384.71	385.02	-
Hardwood veneer and plywood .....	2435	8.31	8.40	8.52	8.57	-	342.37	331.80	356.14	358.23	-
Softwood veneer and plywood .....	2436	11.54	11.76	11.71	11.81	-	473.14	453.94	523.44	505.47	-
Wood containers .....	244	6.96	7.02	7.29	7.28	-	276.31	275.18	295.97	294.11	-
Wood buildings and mobile homes .....	245	9.31	9.29	9.80	9.82	-	377.99	387.39	405.72	410.48	-
Mobile homes .....	2451	9.35	9.35	9.85	9.87	-	382.42	394.57	410.75	415.53	-
Miscellaneous wood products .....	249	9.00	9.09	9.14	9.21	-	362.70	360.87	374.74	378.53	-
Furniture and fixtures .....	25	9.23	9.29	9.45	9.48	9.56	366.43	368.81	377.06	385.84	385.27
Household furniture .....	251	8.67	8.70	8.96	8.96	-	333.80	333.21	348.54	353.92	-
Wood household furniture .....	2511	8.07	8.14	8.42	8.42	-	313.12	315.83	334.27	334.27	-
Upholstered household furniture .....	2512	9.39	9.32	9.76	9.77	-	348.37	344.84	357.22	376.15	-
Metal household furniture .....	2514	8.78	8.81	8.72	8.61	-	367.00	345.35	373.22	360.76	-
Mattresses and bedsprings .....	2515	9.31	9.38	9.42	9.39	-	368.68	372.39	366.44	375.60	-
Office furniture .....	252	10.03	10.13	10.22	10.21	-	418.25	427.49	416.98	432.90	-
Public building and related furniture .....	253	9.57	9.45	9.68	9.66	-	397.16	392.18	407.53	429.87	-
Partitions and fixtures .....	254	10.47	10.60	10.57	10.71	-	430.32	444.14	441.83	450.89	-
Miscellaneous furniture and fixtures .....	259	9.54	9.49	9.71	9.67	-	397.82	387.19	397.14	401.31	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	43.2	42.9	44.1	44.2	43.8	5.5	5.5	6.1	6.2	-
Flat glass .....	321	46.1	43.7	48.3	48.4	-	8.1	4.9	9.2	10.0	-
Glass and glassware, pressed or blown .....	322	42.2	42.4	42.6	42.9	-	4.6	4.5	4.4	4.6	-
Glass containers .....	3221	43.4	43.5	43.3	43.8	-	5.9	5.8	5.6	5.9	-
Pressed and blown glass, nec .....	3229	41.1	41.3	42.0	42.2	-	3.4	3.3	3.4	3.5	-
Products of purchased glass .....	323	41.6	40.7	43.5	44.3	-	3.4	3.0	4.4	4.4	-
Cement, hydraulic .....	324	42.1	42.3	43.6	42.7	-	4.0	4.4	4.6	3.8	-
Structural clay products .....	325	41.9	41.3	42.1	41.9	-	3.6	3.9	4.3	4.7	-
Pottery and related products .....	326	41.1	40.5	41.0	40.7	-	3.4	3.2	4.0	4.0	-
Concrete, gypsum, and plaster products .....	327	44.9	44.8	46.3	46.3	-	7.8	7.9	8.4	8.6	-
Concrete block and brick .....	3271	46.1	45.9	47.9	47.5	-	8.3	8.0	8.8	9.1	-
Concrete products, nec .....	3272	43.8	43.7	44.4	44.5	-	6.1	6.2	6.3	6.9	-
Ready-mixed concrete .....	3273	45.2	45.0	47.0	47.0	-	8.7	8.7	9.7	9.6	-
Misc. nonmetallic mineral products .....	329	42.8	42.7	42.9	43.1	-	4.6	5.1	5.0	5.1	-
Abrasive products .....	3291	43.0	41.6	43.4	43.5	-	3.9	3.7	4.1	4.6	-
Asbestos products .....	3292	42.6	42.4	41.5	41.3	-	5.8	4.9	4.9	4.3	-
Primary metal industries .....	33	43.8	43.5	44.8	44.7	44.2	5.7	5.6	6.6	6.7	-
Blast furnaces and basic steel products .....	331	44.5	44.7	44.9	44.8	44.5	5.9	6.1	6.3	6.6	-
Blast furnaces and steel mills .....	3312	44.8	45.1	45.1	45.0	-	6.1	6.4	6.5	6.8	-
Steel pipe and tubes .....	3317	44.0	43.5	43.7	44.2	-	5.3	5.4	5.4	5.7	-
Iron and steel foundries .....	332	44.6	43.3	46.1	46.0	-	6.3	5.3	8.0	7.9	-
Gray and ductile iron foundries .....	3321	45.2	43.9	46.8	46.6	-	6.9	5.6	9.2	8.9	-
Malleable iron foundries .....	3322	45.3	41.9	47.2	46.7	-	10.5	8.2	9.1	8.7	-
Steel foundries, nec .....	3325	43.4	41.3	44.5	44.9	-	4.5	4.3	5.6	6.0	-
Primary nonferrous metals .....	333	43.0	42.5	42.7	43.1	-	5.2	5.4	5.1	5.3	-
Primary aluminum .....	3334	42.4	41.7	42.1	42.4	-	4.9	4.9	4.6	4.9	-
Nonferrous rolling and drawing .....	335	43.8	44.2	45.2	44.9	-	6.4	6.6	7.0	7.1	-
Copper rolling and drawing .....	3351	42.5	44.3	45.0	43.5	-	6.4	7.7	8.0	7.0	-
Aluminum sheet, plate, and foil .....	3353	45.2	45.4	45.7	45.6	-	7.7	7.8	7.0	7.2	-
Nonferrous wire drawing and insulating .....	3357	43.0	43.7	44.7	44.7	-	5.7	6.2	6.5	6.8	-
Nonferrous foundries (castings) .....	336	41.2	40.1	43.2	43.3	-	3.7	3.2	5.3	5.3	-
Aluminum foundries .....	3365	40.5	40.1	42.7	42.7	-	3.3	3.4	5.0	5.5	-
Fabricated metal products .....	34	42.2	41.4	42.8	42.9	42.0	4.3	4.0	4.9	5.1	-
Metal cans and shipping containers .....	341	44.9	44.8	44.5	45.1	-	6.3	6.5	6.5	6.9	-
Metal cans .....	3411	44.9	44.5	44.0	44.8	-	6.2	6.4	6.2	6.4	-
Cutlery, handtools, and hardware .....	342	41.9	40.1	42.1	42.7	-	3.8	3.2	4.0	4.6	-
Hand and edge tools, and blades and handsaws .....	3423,5	41.8	39.3	41.7	42.3	-	3.4	2.9	3.7	4.4	-
Hardware, nec .....	3429	41.6	40.3	42.0	42.7	-	3.9	3.3	4.2	4.8	-
Plumbing and heating, except electric .....	343	41.6	40.5	41.2	41.8	-	3.3	3.4	3.7	4.2	-
Plumbing fixture fittings and trim .....	3432	40.3	39.6	41.3	41.6	-	2.4	2.3	4.1	4.2	-
Heating equipment, except electric .....	3433	40.9	40.6	40.9	41.9	-	2.8	3.1	3.1	4.1	-
Fabricated structural metal products .....	344	41.5	41.5	41.9	42.3	-	4.1	4.4	4.5	4.8	-
Fabricated structural metal .....	3441	41.5	43.0	42.6	42.6	-	4.3	5.3	5.2	5.6	-
Metal doors, sash, and trim .....	3442	40.8	40.0	40.7	41.7	-	3.7	3.7	3.6	4.3	-
Fabricated plate work (boiler shops) .....	3443	42.4	41.6	42.4	42.6	-	4.6	4.4	4.9	4.9	-
Sheet metal work .....	3444	40.9	40.9	41.4	41.9	-	3.7	3.9	4.0	4.4	-
Architectural metal work .....	3446	40.7	41.5	41.5	41.1	-	3.4	3.9	3.8	4.2	-
Screw machine products, bolts, etc .....	345	42.4	41.4	43.2	43.2	-	4.7	4.1	5.7	5.6	-
Screw machine products .....	3451	42.1	41.2	42.9	43.3	-	4.4	3.9	5.4	5.3	-
Bolts, nuts, rivets, and washers .....	3452	42.7	41.5	43.6	43.2	-	5.0	4.3	6.0	5.9	-
Metal forgings and stampings .....	346	43.4	41.3	45.4	44.6	-	5.0	3.7	6.5	6.3	-
Iron and steel forgings .....	3462	42.4	39.6	42.8	42.6	-	4.3	3.6	5.2	5.5	-
Automotive stampings .....	3465	44.6	41.9	47.5	46.3	-	6.0	3.7	7.9	7.7	-
Metal stampings, nec .....	3469	41.7	41.0	43.2	42.7	-	3.7	3.5	4.8	4.6	-
Metal services, nec .....	347	41.2	40.7	41.8	41.9	-	4.0	3.8	4.7	4.7	-
Plating and polishing .....	3471	40.7	40.2	41.6	41.6	-	3.7	3.3	4.4	4.2	-
Metal coating and allied services .....	3479	42.1	41.6	42.0	42.4	-	4.6	4.5	5.1	5.6	-
Ordnance and accessories, nec .....	348	41.7	41.1	42.0	41.9	-	3.6	3.3	4.0	4.3	-
Ammunition, except for small arms, nec .....	3483	40.6	41.0	41.0	40.5	-	2.9	2.9	2.6	2.9	-
Misc. fabricated metal products .....	349	42.2	41.8	42.7	42.8	-	3.8	3.8	4.6	4.5	-
Valves and pipe fittings, nec .....	3494	41.9	41.7	42.4	43.3	-	3.5	3.7	4.3	4.6	-
Misc. fabricated wire products .....	3496	41.8	41.2	42.6	42.4	-	3.8	3.8	4.0	4.0	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Durable goods—Continued</b>											
Stone, clay, and glass products .....	32	\$11.83	\$11.90	\$12.09	\$12.14	\$12.14	\$511.06	\$510.51	\$533.17	\$536.59	\$531.73
Flat glass .....	321	17.49	17.54	18.21	18.44	-	806.29	766.50	879.54	892.50	-
Glass and glassware, pressed or blown .....	322	13.35	13.35	13.67	13.71	-	563.37	566.04	582.34	588.16	-
Glass containers .....	3221	13.78	13.81	14.17	14.25	-	598.05	600.74	813.56	624.15	-
Pressed and blown glass, nec .....	3229	12.92	12.89	13.20	13.20	-	531.01	532.96	554.40	557.04	-
Products of purchased glass .....	323	10.30	10.25	10.69	10.65	-	430.54	417.18	465.02	471.80	-
Cement, hydraulic .....	324	14.89	14.96	15.38	15.24	-	626.87	632.81	670.57	650.75	-
Structural clay products .....	325	10.36	10.30	10.64	10.78	-	434.08	425.39	447.94	451.68	-
Pottery and related products .....	326	10.09	10.18	10.50	10.56	-	414.70	412.29	430.50	429.79	-
Concrete, gypsum, and plaster products .....	327	11.36	11.46	11.61	11.72	-	510.08	513.41	537.54	542.64	-
Concrete block and brick .....	3271	10.70	10.76	11.05	11.19	-	493.27	493.88	529.30	531.53	-
Concrete products, nec .....	3272	10.13	10.31	10.30	10.43	-	443.69	450.55	457.32	464.14	-
Ready-mixed concrete .....	3273	12.05	12.10	12.31	12.42	-	544.66	544.50	578.57	583.74	-
Misc. nonmetallic mineral products .....	329	12.34	12.52	12.43	12.39	-	528.15	534.60	533.25	534.01	-
Abrasive products .....	3291	10.73	10.74	10.79	10.72	-	461.39	446.78	468.29	466.32	-
Asbestos products .....	3292	13.37	13.75	14.81	14.65	-	569.56	583.00	614.62	605.05	-
Primary metal industries .....	33	14.01	14.06	14.23	14.29	14.32	613.64	611.61	637.50	638.78	832.94
Blast furnaces and basic steel products .....	331	16.50	16.49	16.75	16.84	16.75	734.25	737.10	752.08	754.43	745.38
Blast furnaces and steel mills .....	3312	17.66	17.65	18.02	18.12	-	791.17	796.02	812.70	815.40	-
Steel pipe and tubes .....	3317	12.74	12.74	13.18	13.16	-	560.56	554.19	575.97	561.67	-
Iron and steel foundries .....	332	12.47	12.38	13.14	13.35	-	558.66	536.05	605.75	614.10	-
Gray and ductile iron foundries .....	3321	13.06	12.89	13.96	14.26	-	590.31	585.87	653.33	664.52	-
Malleable iron foundries .....	3322	13.99	14.17	15.07	15.09	-	633.75	593.72	711.30	704.70	-
Steel foundries, nec .....	3325	11.51	11.52	11.85	11.82	-	499.53	475.78	527.33	530.72	-
Primary nonferrous metals .....	333	15.16	15.27	15.39	15.40	-	651.88	648.98	657.15	663.74	-
Primary aluminum .....	3334	15.41	15.39	15.39	15.50	-	653.38	641.76	647.92	657.20	-
Nonferrous rolling and drawing .....	335	13.15	13.19	13.34	13.40	-	575.97	583.00	602.97	601.66	-
Copper rolling and drawing .....	3351	12.91	12.90	13.32	13.17	-	548.68	571.47	599.40	572.90	-
Aluminum sheet, plate, and foil .....	3353	15.60	15.68	15.62	15.69	-	705.12	711.87	713.83	715.48	-
Nonferrous wire drawing and insulating .....	3357	13.07	13.27	13.43	13.51	-	562.01	579.90	600.32	603.90	-
Nonferrous foundries (castings) .....	336	11.11	11.09	11.40	11.32	-	457.73	444.71	492.48	490.16	-
Aluminum foundries .....	3365	10.65	10.69	10.63	10.64	-	431.33	428.87	453.90	454.33	-
Fabricated metal products .....	34	11.69	11.65	11.90	11.90	11.90	493.32	482.31	509.32	510.51	499.80
Metal cans and shipping containers .....	341	15.22	15.42	15.40	15.34	-	683.98	690.82	685.30	691.83	-
Metal cans .....	3411	16.23	16.52	16.56	16.41	-	728.73	735.14	728.64	735.17	-
Cutlery, handtools, and hardware .....	342	11.64	11.57	11.87	12.00	-	487.72	483.96	499.73	512.40	-
Hand and edge tools, and blades and handsaws .....	3423,5	10.98	11.03	11.07	11.21	-	458.96	433.48	461.62	474.18	-
Hardware, nec .....	3429	11.70	11.55	11.88	12.05	-	486.72	465.47	498.96	514.54	-
Plumbing and heating, except electric .....	343	10.45	10.45	10.44	10.56	-	434.72	423.23	430.13	441.41	-
Plumbing fixture fittings and trim .....	3432	9.77	9.82	9.83	9.78	-	393.73	388.87	405.98	406.85	-
Heating equipment, except electric .....	3433	10.61	10.50	10.67	10.93	-	433.95	426.30	436.40	457.97	-
Fabricated structural metal products .....	344	10.90	10.96	10.95	10.94	-	452.35	454.84	458.81	462.76	-
Fabricated structural metal .....	3441	10.74	10.80	10.97	10.97	-	445.71	464.40	467.32	467.32	-
Metal doors, sash, and trim .....	3442	9.23	9.36	9.27	9.30	-	376.58	374.40	377.29	387.81	-
Fabricated plate work (boiler shops) .....	3443	12.33	12.32	12.36	12.32	-	522.79	512.51	524.06	524.83	-
Sheet metal work .....	3444	11.11	11.27	11.23	11.20	-	454.40	460.94	464.92	469.28	-
Architectural metal work .....	3446	10.14	10.05	10.10	10.12	-	412.70	417.08	419.15	415.93	-
Screw machine products, bolts, etc .....	345	11.46	11.41	11.75	11.76	-	485.90	472.37	507.60	508.03	-
Screw machine products .....	3451	10.65	10.73	10.97	11.01	-	448.37	442.08	470.61	476.73	-
Bolts, nuts, rivets, and washers .....	3452	12.35	12.17	12.63	12.62	-	527.35	505.06	550.87	545.18	-
Metal forgings and stampings .....	346	14.02	13.79	14.39	14.43	-	608.47	589.53	653.31	643.58	-
Iron and steel forgings .....	3462	13.52	13.45	13.81	13.75	-	573.25	532.62	591.07	588.50	-
Automotive stampings .....	3465	16.09	15.83	16.50	16.71	-	717.61	663.28	783.75	773.67	-
Metal stampings, nec .....	3469	11.07	11.12	11.23	11.20	-	461.62	455.92	485.14	478.24	-
Metal services, nec .....	347	9.67	9.67	9.84	9.84	-	398.40	393.57	411.31	412.30	-
Plating and polishing .....	3471	9.70	9.70	9.92	9.86	-	394.79	389.94	412.67	410.18	-
Metal coating and allied services .....	3479	9.62	9.61	9.70	9.80	-	405.00	399.78	407.40	415.52	-
Ordnance and accessories, nec .....	348	13.30	13.47	13.72	13.81	-	554.61	553.62	576.24	578.64	-
Ammunition, except for small arms, nec .....	3483	13.44	13.64	14.09	14.32	-	545.66	559.24	577.69	579.96	-
Misc. fabricated metal products .....	349	10.83	10.88	11.09	11.06	-	457.03	454.78	473.54	473.37	-
Valves and pipe fittings, nec .....	3494	11.21	11.37	11.42	11.31	-	469.70	474.13	484.21	489.72	-
Misc. fabricated wire products .....	3496	9.69	9.71	9.81	9.74	-	405.04	400.05	417.91	412.98	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	42.9	42.6	43.7	43.7	43.1	4.6	4.5	5.3	5.3	-
Engines and turbines .....	351	44.2	45.1	44.6	45.2	-	5.1	4.3	5.8	5.8	-
Turbines and turbine generator sets .....	3511	44.3	43.8	42.8	42.3	-	5.4	3.9	4.7	4.5	-
Internal combustion engines, nec .....	3519	44.1	45.6	45.4	46.3	-	5.0	4.5	6.2	6.4	-
Farm and garden machinery .....	352	42.5	42.1	44.2	43.1	-	3.6	4.1	5.5	4.4	-
Farm machinery and equipment .....	3523	43.5	42.3	43.7	43.4	-	4.3	4.5	5.5	4.9	-
Construction and related machinery .....	353	43.8	44.2	44.0	43.8	-	4.9	5.2	5.4	5.7	-
Construction machinery .....	3531	44.3	44.8	44.0	43.1	-	4.6	4.7	5.9	6.0	-
Mining machinery .....	3532	40.0	40.5	43.3	43.0	-	3.5	3.8	4.4	5.1	-
Oil and gas field machinery .....	3533	46.8	46.5	46.6	46.0	-	6.6	6.7	6.1	5.8	-
Conveyors and conveying equipment .....	3535	43.2	44.1	43.4	44.0	-	5.5	6.2	5.4	6.0	-
Industrial trucks and tractors .....	3537	40.8	40.5	41.9	42.3	-	3.5	3.8	4.6	4.9	-
Metalworking machinery .....	354	43.3	43.1	43.9	44.1	-	5.2	5.2	5.9	6.0	-
Machine tools, metal cutting types .....	3541	42.7	42.5	44.8	44.9	-	4.3	4.3	6.0	6.0	-
Machine tools, metal forming types .....	3542	43.2	43.3	44.9	45.1	-	4.7	5.0	6.0	6.0	-
Special dies, tools, jigs, and fixtures .....	3544	43.9	43.8	44.2	44.3	-	6.1	6.1	6.5	6.6	-
Machine tool accessories .....	3545	42.2	42.3	43.1	43.4	-	3.8	3.7	4.8	4.7	-
Power driven handtools .....	3546	42.2	43.3	41.9	43.0	-	3.9	4.7	3.7	5.0	-
Special industry machinery .....	355	42.6	41.7	43.6	43.5	-	4.8	4.5	5.3	5.3	-
Textile machinery .....	3552	41.8	40.5	41.6	41.9	-	4.2	3.7	3.9	4.0	-
Printing trades machinery .....	3555	41.7	41.7	43.2	42.8	-	4.6	4.2	5.4	5.5	-
Food products machinery .....	3556	42.4	41.4	43.3	43.8	-	4.6	4.4	5.2	5.5	-
General industrial machinery .....	356	42.6	42.6	43.8	43.9	-	4.6	4.4	5.3	5.3	-
Pumps and pumping equipment .....	3561	42.6	43.0	44.4	44.0	-	4.3	4.8	5.4	5.0	-
Ball and roller bearings .....	3562	42.7	42.7	45.0	45.4	-	5.6	5.3	7.0	7.5	-
Air and gas compressors .....	3563	43.9	41.8	45.5	45.3	-	4.7	3.8	6.0	5.4	-
Blowers and fans .....	3564	41.3	42.1	42.1	42.7	-	3.8	4.1	3.6	4.0	-
Speed changers, drives, and gears .....	3566	43.3	43.3	43.5	43.3	-	6.0	5.3	6.7	6.5	-
Power transmission equipment, nec .....	3568	42.3	42.5	43.7	44.2	-	3.7	3.8	5.3	5.4	-
Computer and office equipment .....	357	41.9	41.7	43.0	43.2	-	3.3	3.1	3.4	3.6	-
Electronic computers .....	3571	41.8	42.3	43.2	44.3	-	3.1	3.1	3.2	3.9	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	42.0	42.4	42.3	42.8	-	3.7	3.4	3.3	3.7	-
Refrigeration and service machinery .....	358	43.3	42.0	43.9	44.3	-	4.7	4.5	5.4	5.8	-
Refrigeration and heating equipment .....	3585	44.2	42.6	44.9	45.4	-	5.2	5.0	6.0	6.5	-
Misc. industrial and commercial machinery .....	359	42.4	41.8	43.1	43.0	-	4.6	4.3	5.2	5.2	-
Carburetors, pistons, rings, valves .....	3592	43.6	41.0	43.3	43.5	-	5.1	3.8	6.2	6.1	-
Scales, balances, and industrial machinery, nec .....	3596,9	42.4	41.9	43.1	43.0	-	4.7	4.4	5.2	5.2	-
Electronic and other electrical equipment .....	36	41.5	41.1	42.1	42.3	41.4	3.7	3.5	4.1	4.3	-
Electric distribution equipment .....	361	42.0	41.4	42.0	42.5	-	4.1	3.8	3.9	4.2	-
Transformers, except electronic .....	3612	42.0	41.5	41.8	42.4	-	4.2	3.9	3.5	4.0	-
Switchgear and switchboard apparatus .....	3613	41.9	41.2	42.2	42.7	-	3.9	3.8	4.2	4.4	-
Electrical industrial apparatus .....	362	42.3	41.8	42.8	43.8	-	3.6	3.5	4.4	5.1	-
Motors and generators .....	3621	42.5	41.7	43.4	44.9	-	3.8	3.5	4.8	5.8	-
Relays and industrial controls .....	3625	41.5	41.7	41.2	42.0	-	3.0	3.1	3.3	4.0	-
Household appliances .....	363	40.2	40.4	41.0	41.0	-	2.5	2.9	2.8	3.0	-
Household refrigerators and freezers .....	3632	40.6	43.3	41.2	41.8	-	2.4	3.5	2.4	2.7	-
Household laundry equipment .....	3633	39.7	35.8	41.2	40.8	-	1.7	2.0	2.3	3.6	-
Electric housewares and fans .....	3634	40.7	41.1	41.9	40.9	-	2.8	3.2	3.0	2.4	-
Electric lighting and wiring equipment .....	364	41.2	41.1	42.4	42.4	-	3.4	3.5	4.2	4.3	-
Electric lamps .....	3641	43.7	42.8	47.3	46.4	-	3.9	3.7	5.9	5.7	-
Current-carrying wiring devices .....	3643	40.0	39.9	41.3	41.6	-	2.8	2.9	3.7	3.9	-
Noncurrent-carrying wiring devices .....	3644	41.7	41.1	43.6	42.8	-	2.8	2.9	3.5	3.5	-
Residential lighting fixtures .....	3645	38.4	38.2	38.5	39.0	-	1.8	2.2	2.1	2.2	-
Household audio and video equipment .....	365	40.8	40.4	41.2	41.7	-	3.7	3.5	4.5	4.8	-
Household audio and video equipment .....	3651	40.5	39.8	41.4	41.6	-	3.3	2.8	4.1	4.4	-
Communications equipment .....	366	42.2	42.5	42.3	42.6	-	3.3	3.4	3.5	4.0	-
Telephone and telegraph apparatus .....	3661	43.1	43.6	43.7	44.4	-	3.3	3.5	4.2	4.6	-
Electronic components and accessories .....	367	41.4	40.4	41.7	41.8	-	4.1	3.7	4.2	4.3	-
Electron tubes .....	3671	40.9	41.0	41.6	42.7	-	4.1	4.5	4.9	5.2	-
Semiconductors and related devices .....	3674	42.4	41.7	42.1	42.1	-	5.0	5.0	4.6	4.6	-
Electronic components, nec .....	3679	40.1	39.1	40.7	41.0	-	3.2	2.8	3.6	3.6	-
Misc. electrical equipment and supplies .....	369	42.0	41.7	43.2	42.9	-	4.3	3.7	5.0	4.7	-
Storage batteries .....	3691	42.2	43.3	43.8	43.6	-	3.8	4.2	5.7	5.5	-
Engine electrical equipment .....	3694	42.4	41.9	43.9	43.6	-	5.1	3.7	5.6	5.1	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Durable goods—Continued</b>											
Industrial machinery and equipment .....	35	\$12.67	\$12.76	\$12.94	\$12.93	\$12.94	\$543.54	\$543.58	\$565.48	\$565.04	\$557.71
Engines and turbines .....	351	16.11	16.09	16.37	16.20	-	712.06	725.66	730.10	732.24	-
Turbines and turbine generator sets .....	3511	16.59	16.51	16.96	16.93	-	734.94	723.14	725.89	716.14	-
Internal combustion engines, nec .....	3519	15.90	15.92	16.14	15.93	-	701.19	725.95	732.76	737.56	-
Farm and garden machinery .....	352	11.86	12.08	12.28	12.35	-	504.05	508.57	542.78	532.29	-
Farm machinery and equipment .....	3523	12.85	12.79	13.41	13.42	-	558.98	541.02	586.02	582.43	-
Construction and related machinery .....	353	12.87	13.01	13.02	12.95	-	563.71	575.04	572.88	567.21	-
Construction machinery .....	3531	14.43	14.60	14.42	14.26	-	639.25	654.08	634.48	614.61	-
Mining machinery .....	3532	12.93	13.03	13.35	13.60	-	517.20	527.72	578.06	584.80	-
Oil and gas field machinery .....	3533	11.66	11.86	11.86	11.80	-	545.69	551.49	552.88	542.80	-
Conveyors and conveying equipment .....	3535	11.85	11.95	12.09	12.13	-	511.92	527.00	524.71	533.72	-
Industrial trucks and tractors .....	3537	11.11	11.20	11.29	11.33	-	453.29	453.60	473.05	479.26	-
Metalworking machinery .....	354	13.29	13.33	13.58	13.56	-	575.46	574.52	596.16	598.00	-
Machine tools, metal cutting types .....	3541	13.57	13.58	13.91	13.85	-	579.44	577.15	623.17	621.87	-
Machine tools, metal forming types .....	3542	13.40	13.56	13.87	13.83	-	578.88	587.15	622.76	623.73	-
Special dies, tools, jigs, and fixtures .....	3544	13.86	13.95	14.08	14.08	-	608.45	611.01	622.34	623.74	-
Machine tool accessories .....	3545	11.75	11.66	11.97	11.96	-	495.85	493.22	515.91	519.06	-
Power driven handtools .....	3546	11.02	11.05	11.22	11.23	-	465.04	478.47	470.12	482.89	-
Special industry machinery .....	355	13.12	13.21	13.41	13.44	-	558.91	550.86	584.68	584.64	-
Textile machinery .....	3552	11.25	11.30	11.53	11.54	-	470.25	457.65	479.65	483.53	-
Printing trades machinery .....	3555	14.69	14.71	15.42	15.60	-	612.57	613.41	666.14	667.68	-
Food products machinery .....	3556	12.93	12.90	12.98	13.06	-	548.23	534.06	562.03	572.03	-
General industrial machinery .....	356	12.39	12.39	12.69	12.70	-	527.81	527.81	555.82	557.53	-
Pumps and pumping equipment .....	3561	13.02	13.11	13.63	13.54	-	554.65	563.73	605.17	595.76	-
Ball and roller bearings .....	3562	13.64	13.50	14.10	14.22	-	582.43	576.45	634.50	645.59	-
Air and gas compressors .....	3563	12.33	12.47	12.92	12.80	-	541.29	521.25	587.86	579.84	-
Blowers and fans .....	3564	10.55	10.52	10.48	10.54	-	435.72	442.89	441.21	450.06	-
Speed changers, drives, and gears .....	3566	13.28	13.34	13.57	13.65	-	575.02	577.62	590.30	591.05	-
Power transmission equipment, nec .....	3568	12.18	12.33	12.69	12.66	-	515.21	524.03	554.55	559.57	-
Computer and office equipment .....	357	12.41	12.64	13.05	13.06	-	519.98	527.09	561.15	564.19	-
Electronic computers .....	3571	13.41	13.79	14.16	14.18	-	560.54	583.32	611.71	628.17	-
Computer terminals, calculators, and office machines, nec .....	3575,8,9	12.60	12.61	12.97	12.85	-	529.20	534.66	548.63	549.98	-
Refrigeration and service machinery .....	358	11.53	11.57	11.57	11.61	-	499.25	485.94	507.92	514.32	-
Refrigeration and heating equipment .....	3585	11.66	11.77	11.75	11.76	-	515.37	501.40	527.58	533.90	-
Misc. industrial and commercial machinery .....	359	12.16	12.15	12.36	12.34	-	515.58	507.87	532.72	530.62	-
Carburetors, pistons, rings, valves .....	3592	13.37	13.01	13.42	13.59	-	582.93	533.41	581.09	591.17	-
Scales, balances, and industrial machinery, nec .....	3596,9	11.83	11.85	12.04	11.99	-	501.59	496.52	518.92	515.57	-
Electronic and other electrical equipment .....	36	11.25	11.26	11.49	11.54	11.61	466.88	462.79	483.73	488.14	480.65
Electric distribution equipment .....	361	10.92	11.03	11.30	11.28	-	458.64	456.64	474.60	479.40	-
Transformers, except electronic .....	3612	10.30	10.46	10.73	10.81	-	432.60	434.09	448.51	458.34	-
Switchgear and switchboard apparatus .....	3613	11.59	11.64	11.92	11.79	-	485.62	479.57	503.02	503.43	-
Electrical industrial apparatus .....	362	10.65	10.69	10.83	10.85	-	450.50	446.84	463.52	475.23	-
Motors and generators .....	3621	9.94	9.92	10.12	10.13	-	422.45	413.66	439.21	454.84	-
Relays and industrial controls .....	3625	11.91	12.02	12.26	12.36	-	494.27	501.23	505.11	519.12	-
Household appliances .....	363	10.29	10.50	10.73	10.78	-	413.66	424.20	439.93	441.98	-
Household refrigerators and freezers .....	3632	11.28	11.58	11.84	11.47	-	457.97	501.41	487.81	479.45	-
Household laundry equipment .....	3633	12.54	12.43	13.24	13.46	-	497.84	444.99	545.49	549.17	-
Electric housewares and fans .....	3634	8.15	8.25	8.33	8.46	-	331.71	339.08	349.03	346.01	-
Electric lighting and wiring equipment .....	364	11.10	11.01	11.31	11.30	-	457.32	452.51	479.54	479.12	-
Electric lamps .....	3641	11.44	11.41	11.83	11.74	-	499.93	488.35	559.56	544.74	-
Current-carrying wiring devices .....	3643	10.83	10.90	11.17	11.20	-	433.20	434.91	461.32	465.92	-
Noncurrent-carrying wiring devices .....	3644	10.53	10.59	10.50	10.48	-	439.10	435.25	457.80	448.54	-
Residential lighting fixtures .....	3645	8.48	8.55	8.43	8.41	-	325.63	326.61	324.56	327.99	-
Household audio and video equipment .....	365	10.96	10.86	11.73	11.73	-	447.17	438.74	483.28	489.14	-
Household audio and video equipment .....	3651	11.29	11.10	12.32	12.31	-	457.25	441.78	510.05	512.10	-
Communications equipment .....	366	11.68	11.68	12.26	12.42	-	492.90	496.40	518.60	529.09	-
Telephone and telegraph apparatus .....	3661	12.56	12.57	13.62	13.92	-	541.34	548.05	595.19	618.05	-
Electronic components and accessories .....	367	11.33	11.33	11.27	11.37	-	469.06	457.73	469.96	475.27	-
Electron tubes .....	3671	13.14	13.05	13.27	13.24	-	537.43	535.05	552.03	565.35	-
Semiconductors and related devices .....	3674	14.77	14.76	14.14	14.39	-	626.25	615.49	595.29	605.82	-
Electronic components, nec .....	3679	9.53	9.48	9.64	9.75	-	382.15	370.67	392.35	399.75	-
Misc. electrical equipment and supplies .....	369	12.49	12.42	12.79	12.80	-	524.58	517.91	552.53	549.12	-
Storage batteries .....	3691	13.53	13.37	13.94	13.94	-	570.97	578.92	610.57	607.78	-
Engine electrical equipment .....	3694	13.21	13.00	13.34	13.35	-	560.10	544.70	585.63	582.06	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		June 1993	July 1993	May 1994	June 1994 <sup>p</sup>	July 1994 <sup>p</sup>	June 1993	July 1993	May 1994	June 1994 <sup>p</sup>	July 1994 <sup>p</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	43.0	41.8	44.6	44.3	42.4	5.1	3.7	6.3	6.3	-
Motor vehicles and equipment .....	371	44.7	42.5	46.5	48.1	43.2	6.3	3.9	7.9	7.7	-
Motor vehicles and car bodies .....	3711	44.2	42.0	46.9	46.2	-	6.4	3.4	8.8	8.4	-
Truck and bus bodies .....	3713	44.8	44.3	45.2	44.9	-	5.4	4.4	6.3	6.2	-
Motor vehicle parts and accessories .....	3714	45.3	42.6	48.8	46.4	-	8.7	4.2	7.9	7.8	-
Truck trailers .....	3715	43.1	42.6	42.8	43.3	-	4.8	4.5	4.5	5.3	-
Aircraft and parts .....	372	41.3	41.4	41.8	42.2	-	3.7	3.8	4.3	4.6	-
Aircraft .....	3721	40.8	41.0	41.0	41.1	-	3.6	3.7	3.9	4.1	-
Aircraft engines and engine parts .....	3724	42.5	43.8	42.6	43.5	-	4.2	4.9	4.7	5.2	-
Aircraft parts and equipment, nec .....	3728	41.3	40.7	42.5	43.1	-	3.5	3.3	4.7	5.0	-
Ship and boat building and repairing .....	373	39.6	39.8	41.8	40.9	-	2.7	2.6	3.5	3.2	-
Ship building and repairing .....	3731	39.9	40.2	42.1	41.4	-	2.5	2.5	3.3	3.2	-
Boat building and repairing .....	3732	39.0	38.8	41.2	40.0	-	3.1	2.8	3.9	3.3	-
Railroad equipment .....	374	43.0	40.6	44.0	46.2	-	4.1	2.6	4.3	6.0	-
Guided missiles, space vehicles, and parts .....	376	41.0	42.0	41.8	41.7	-	2.8	3.0	3.2	3.3	-
Guided missiles and space vehicles .....	3761	41.3	42.9	42.2	42.0	-	3.3	3.5	3.1	3.3	-
Misc. transportation equipment .....	379	40.0	40.4	40.0	39.3	-	3.2	3.4	3.0	2.8	-
Travel trailers and campers .....	3792	39.1	40.4	38.2	38.6	-	2.7	3.0	2.1	2.4	-
Instruments and related products .....	38	41.3	40.6	41.6	41.8	41.4	2.7	2.6	3.0	3.2	-
Search and navigation equipment .....	381	40.7	40.4	41.0	41.6	-	1.9	1.9	2.0	2.2	-
Measuring and controlling devices .....	382	41.4	40.5	42.2	42.4	-	2.5	2.3	3.0	3.2	-
Environmental controls .....	3822	41.1	39.5	42.4	42.6	-	3.0	2.7	3.5	4.0	-
Process control instruments .....	3823	40.9	40.4	42.4	42.5	-	2.2	2.2	2.8	2.9	-
Instruments to measure electricity .....	3825	41.8	40.8	42.2	42.0	-	2.2	1.8	2.4	2.6	-
Medical instruments and supplies .....	384	41.1	40.6	41.2	41.1	-	2.9	2.7	3.1	3.2	-
Surgical and medical instruments .....	3841	42.1	41.2	41.7	41.6	-	3.3	2.8	3.4	3.5	-
Surgical appliances and supplies .....	3842	40.1	39.9	40.4	40.4	-	2.5	2.6	2.7	2.8	-
Ophthalmic goods .....	385	40.0	39.8	39.3	39.6	-	2.3	2.1	2.3	2.4	-
Photographic equipment and supplies .....	386	42.8	42.4	43.2	43.8	-	4.4	4.5	4.9	5.3	-
Watches, clocks, watchcases, and parts .....	387	41.8	38.2	41.9	42.0	-	2.5	2.2	3.0	3.8	-
Miscellaneous manufacturing industries .....	39	39.5	38.9	40.0	40.1	39.2	2.5	2.5	2.8	2.8	-
Jewelry, silverware, and plated ware .....	391	38.1	36.3	38.5	38.2	-	1.7	1.0	2.1	2.0	-
Jewelry, precious metal .....	3911	37.6	35.7	38.1	37.6	-	1.5	1.0	2.2	1.9	-
Musical instruments .....	393	39.0	38.5	40.8	40.7	-	1.6	1.7	2.9	2.8	-
Toys and sporting goods .....	394	39.7	39.3	40.4	40.6	-	2.5	2.7	3.1	2.9	-
Dolls, games, toys, and children's vehicles .....	3942,4	38.1	37.7	38.4	38.6	-	1.6	1.8	1.7	1.9	-
Sporting and athletic goods, nec .....	3949	40.6	40.3	41.5	41.6	-	3.0	3.2	3.9	3.4	-
Pens, pencils, office, and art supplies .....	395	40.3	41.0	41.0	41.2	-	2.8	2.9	2.8	3.2	-
Costume jewelry and notions .....	396	39.8	37.8	39.1	39.4	-	2.4	2.2	2.4	2.3	-
Costume jewelry .....	3961	38.4	36.8	38.3	38.9	-	1.4	2.0	2.2	2.2	-
Miscellaneous manufactures .....	399	39.7	39.4	40.1	40.2	-	3.0	2.9	3.0	3.0	-
Signs and advertising specialties .....	3993	39.8	39.8	41.1	41.0	-	2.9	2.9	3.5	3.7	-
<b>Nondurable goods .....</b>		<b>40.6</b>	<b>40.3</b>	<b>40.8</b>	<b>41.1</b>	<b>40.7</b>	<b>3.9</b>	<b>3.9</b>	<b>4.0</b>	<b>4.2</b>	<b>4.3</b>
Food and kindred products .....	20	40.5	40.6	40.8	41.1	41.4	4.5	4.9	4.4	4.7	-
Meat products .....	201	40.3	40.3	40.7	41.5	-	4.2	4.3	4.2	4.6	-
Meat packing plants .....	2011	41.5	40.9	42.7	42.8	-	4.9	4.7	5.2	5.1	-
Sausages and other prepared meats .....	2013	42.5	42.7	43.2	44.1	-	5.6	5.8	5.8	6.1	-
Poultry slaughtering and processing .....	2015	38.8	39.1	38.7	39.8	-	3.4	3.6	3.1	3.7	-
Dairy products .....	202	42.1	42.2	41.4	42.2	-	4.8	4.8	4.4	5.0	-
Cheese, natural and processed .....	2022	40.2	40.2	38.5	40.1	-	3.3	3.2	2.9	3.9	-
Fluid milk .....	2026	42.5	42.6	41.9	42.3	-	4.5	4.7	4.6	4.7	-
Preserved fruits and vegetables .....	203	38.9	39.1	40.3	39.8	-	4.2	5.0	4.1	4.4	-
Canned specialties .....	2032	43.3	42.7	41.2	42.7	-	5.8	5.7	4.2	4.2	-
Canned fruits and vegetables .....	2033	39.3	39.9	40.3	40.1	-	3.7	5.7	4.1	4.9	-
Frozen fruits and vegetables .....	2037	37.8	36.9	39.9	39.3	-	4.0	4.8	4.0	4.0	-
Grain mill products .....	204	44.4	44.5	43.1	43.8	-	6.6	6.6	5.7	6.2	-
Flour and other grain mill products .....	2041	46.1	47.0	44.9	44.9	-	6.3	6.8	5.6	5.8	-
Prepared feeds, nec .....	2048	43.5	43.4	42.1	43.1	-	5.9	6.2	5.5	6.0	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>a</sup>	July 1994 <sup>a</sup>	June 1993	July 1993	May 1994	June 1994 <sup>a</sup>	July 1994 <sup>a</sup>
<b>Durable goods—Continued</b>											
Transportation equipment .....	37	\$15.77	\$15.53	\$16.41	\$16.43	\$16.25	\$678.11	\$649.15	\$731.89	\$727.85	\$689.00
Motor vehicles and equipment .....	371	16.10	15.66	16.91	16.91	16.64	719.67	665.55	786.32	779.55	718.85
Motor vehicles and car bodies .....	3711	19.53	19.11	20.78	20.72	-	863.23	802.62	974.58	957.26	-
Truck and bus bodies .....	3713	13.84	13.16	14.23	14.22	-	620.03	582.99	643.20	638.48	-
Motor vehicle parts and accessories .....	3714	14.73	14.32	15.25	15.35	-	867.27	610.03	713.70	712.24	-
Truck trailers .....	3715	9.76	9.71	9.97	10.00	-	420.66	413.65	426.72	433.00	-
Aircraft and parts .....	372	17.10	17.19	17.90	17.95	-	706.23	711.67	748.22	757.49	-
Aircraft .....	3721	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-	-	-	-	-	-
Aircraft engines and engine parts .....	3724	\$16.52	\$16.60	\$17.32	\$17.20	-	\$702.10	\$723.76	\$737.83	\$748.20	-
Aircraft parts and equipment, nec .....	3728	15.74	15.67	16.06	16.12	-	650.06	637.77	682.55	694.77	-
Ship and boat building and repairing .....	373	12.30	12.39	12.41	12.43	-	487.08	493.12	518.74	508.39	-
Ship building and repairing .....	3731	13.39	13.43	13.77	13.79	-	534.26	539.89	579.72	570.91	-
Boat building and repairing .....	3732	9.88	10.00	9.78	9.80	-	385.32	388.00	402.94	392.00	-
Railroad equipment .....	374	15.03	14.86	15.58	15.65	-	646.29	603.32	665.52	723.03	-
Guided missiles, space vehicles, and parts .....	376	16.60	16.80	17.26	17.26	-	680.60	705.60	721.47	719.74	-
Guided missiles and space vehicles .....	3761	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	( <sup>b</sup> )	-	-	-	-	-	-
Misc. transportation equipment .....	379	\$11.17	\$11.16	\$10.84	\$10.85	-	\$446.80	\$450.86	\$433.60	\$426.41	-
Travel trailers and campers .....	3792	10.81	10.93	10.53	10.72	-	422.67	441.57	402.25	413.79	-
Instruments and related products .....	38	12.18	12.24	12.37	12.42	12.50	503.03	496.94	514.59	519.16	517.50
Search and navigation equipment .....	381	16.09	16.10	16.71	16.74	-	654.86	650.44	685.11	696.38	-
Measuring and controlling devices .....	382	12.01	12.08	12.21	12.20	-	497.21	489.24	515.26	517.28	-
Environmental controls .....	3822	10.75	10.86	10.93	10.92	-	441.83	428.97	463.43	465.19	-
Process control instruments .....	3823	11.65	11.63	11.76	11.76	-	476.49	469.85	498.62	499.80	-
Instruments to measure electricity .....	3825	12.95	13.21	13.36	13.42	-	541.31	538.97	563.79	563.64	-
Medical instruments and supplies .....	384	10.84	10.86	11.01	11.06	-	445.52	440.92	453.61	454.57	-
Surgical and medical instruments .....	3841	10.74	10.77	10.72	10.75	-	452.15	443.72	447.02	447.20	-
Surgical appliances and supplies .....	3842	10.12	10.20	10.40	10.43	-	405.81	406.98	420.16	421.37	-
Ophthalmic goods .....	385	8.72	8.76	9.28	9.30	-	348.80	348.65	364.70	368.28	-
Photographic equipment and supplies .....	386	14.71	14.82	14.85	15.19	-	629.59	628.37	641.52	665.32	-
Watches, clocks, watchcases, and parts .....	387	8.21	8.32	8.45	8.46	-	343.18	317.82	354.06	355.32	-
Miscellaneous manufacturing industries .....	39	9.36	9.39	9.59	9.58	9.57	369.72	365.27	383.60	364.16	375.14
Jewelry, silverware, and plated ware .....	391	9.65	9.57	9.85	9.91	-	367.67	347.39	379.23	378.56	-
Jewelry, precious metal .....	3911	9.54	9.45	9.78	9.64	-	358.70	337.37	372.62	369.98	-
Musical instruments .....	393	8.95	9.38	9.64	9.60	-	349.05	361.13	393.31	390.72	-
Toys and sporting goods .....	394	8.80	8.87	8.94	8.94	-	349.36	348.59	361.18	362.96	-
Dolls, games, toys, and children's vehicles .....	3942,4	8.46	8.44	8.83	8.85	-	322.33	318.19	339.07	341.61	-
Sporting and athletic goods, nec .....	3949	8.99	9.11	9.00	8.98	-	364.99	367.13	373.50	373.57	-
Pens, pencils, office, and art supplies .....	395	10.40	10.36	10.72	10.81	-	419.12	424.76	439.52	445.37	-
Costume jewelry and notions .....	396	8.06	8.36	8.29	8.28	-	320.79	316.01	324.14	326.23	-
Costume jewelry .....	3961	7.20	7.60	7.14	7.13	-	276.48	279.68	273.46	277.36	-
Miscellaneous manufactures .....	399	9.80	9.71	10.03	9.97	-	389.06	382.57	402.20	400.79	-
Signs and advertising specialties .....	3993	9.97	9.88	10.16	10.12	-	396.81	393.22	417.58	414.92	-
<b>Nondurable goods</b> .....		10.95	11.01	11.20	11.22	11.29	444.57	443.70	456.96	461.14	459.50
Food and kindred products .....	20	10.47	10.49	10.66	10.66	10.69	424.04	425.89	434.93	438.13	442.57
Meat products .....	201	8.47	8.53	8.66	8.66	-	341.34	343.76	352.48	359.39	-
Meat packing plants .....	2011	9.22	9.31	9.39	9.33	-	382.63	380.78	400.95	399.32	-
Sausages and other prepared meats .....	2013	9.92	9.98	10.05	10.07	-	421.60	426.15	434.18	444.09	-
Poultry slaughtering and processing .....	2015	7.44	7.48	7.65	7.69	-	288.67	292.47	296.06	306.06	-
Dairy products .....	202	11.61	11.61	11.92	11.93	-	488.78	489.94	493.49	503.45	-
Cheese, natural and processed .....	2022	10.45	10.34	10.56	10.66	-	420.09	415.67	406.56	427.47	-
Fluid milk .....	2026	12.39	12.39	12.62	12.66	-	526.58	527.81	528.78	535.52	-
Preserved fruits and vegetables .....	203	10.10	10.13	10.23	10.17	-	392.89	396.08	412.27	404.77	-
Canned specialties .....	2032	13.26	13.22	13.50	13.53	-	574.16	564.49	556.20	577.73	-
Canned fruits and vegetables .....	2033	10.66	10.48	10.70	10.52	-	418.94	418.15	431.21	421.85	-
Frozen fruits and vegetables .....	2037	9.00	9.14	9.28	9.09	-	340.20	337.27	370.27	357.24	-
Grain mill products .....	204	12.74	12.79	12.93	13.08	-	565.66	569.16	557.28	572.90	-
Flour and other grain mill products .....	2041	10.68	10.65	10.82	10.91	-	492.35	500.55	485.82	489.86	-
Prepared feeds, nec .....	2048	10.11	10.16	10.47	10.60	-	439.79	440.94	440.79	456.86	-

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' on private nonfarm payrolls by detailed industry—Continued**

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	39.9	39.5	40.1	39.8	-	4.7	4.6	4.4	4.5	-
Bread, cake, and related products .....	2051	39.6	39.5	39.7	39.4	-	4.8	4.8	4.7	4.7	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	40.4	39.5	40.8	40.5	-	4.6	4.3	3.8	4.1	-
Sugar and confectionery products .....	206	39.6	39.9	39.0	40.2	-	3.1	3.7	2.7	3.3	-
Raw cane sugar .....	2061	42.6	45.2	47.9	44.1	-	4.5	5.7	4.2	4.3	-
Cane sugar refining .....	2062	42.7	46.5	44.6	46.7	-	5.7	8.4	4.9	6.3	-
Beet sugar .....	2063	38.8	40.5	41.0	40.4	-	4.1	4.6	3.2	4.3	-
Candy and other confectionery products .....	2064	38.6	39.1	36.7	38.8	-	2.5	3.0	2.0	2.7	-
Fats and oils .....	207	43.3	43.6	43.0	44.2	-	5.5	6.0	5.3	5.8	-
Beverages .....	208	42.0	42.6	43.1	43.5	-	5.4	6.0	6.3	6.7	-
Malt beverages .....	2082	42.9	42.9	45.4	45.7	-	7.5	7.5	8.5	8.5	-
Bottled and canned soft drinks .....	2086	42.0	43.5	43.2	44.0	-	5.3	6.3	6.6	7.2	-
Misc. food and kindred products .....	209	39.0	39.7	39.1	39.5	-	4.2	4.9	3.8	4.3	-
Tobacco products .....	21	38.6	36.0	38.8	40.3	37.8	2.4	2.3	2.8	3.2	-
Cigarettes .....	211	38.0	35.4	39.2	40.9	-	2.2	2.3	3.0	3.5	-
Textile mill products .....	22	41.8	40.9	41.8	42.4	41.3	4.5	4.2	4.8	5.1	-
Broadwoven fabric mills, cotton .....	221	41.3	40.2	42.4	42.9	-	5.3	5.0	5.6	6.3	-
Broadwoven fabric mills, synthetics .....	222	42.0	41.1	42.0	42.0	-	4.3	3.9	4.5	4.8	-
Broadwoven fabric mills, wool .....	223	44.5	44.1	44.8	43.9	-	6.6	6.3	7.0	6.7	-
Narrow fabric mills .....	224	40.7	40.4	40.7	40.9	-	2.9	2.9	3.4	3.4	-
Knitting mills .....	225	40.4	39.7	39.7	41.1	-	3.5	3.2	3.5	3.8	-
Women's hosiery, except socks .....	2251	38.4	36.0	37.7	41.3	-	2.2	1.7	2.6	3.9	-
Hosiery, nec .....	2252	39.2	39.4	39.1	40.4	-	3.3	3.5	3.6	4.0	-
Knit outerwear mills .....	2253	40.2	40.4	38.7	40.6	-	2.9	3.1	2.7	3.1	-
Knit underwear mills .....	2254	40.5	40.1	39.1	40.2	-	2.3	2.1	1.5	1.9	-
Weft knit fabric mills .....	2257	41.3	40.2	42.4	42.2	-	4.8	4.2	5.5	5.4	-
Textile finishing, except wool .....	226	43.7	42.2	44.3	44.2	-	6.0	5.2	6.4	6.5	-
Finishing plants, cotton .....	2261	43.3	43.2	45.0	44.8	-	5.9	5.8	6.4	6.7	-
Finishing plants, synthetics .....	2262	43.1	39.6	42.4	42.6	-	5.5	4.2	5.4	5.6	-
Carpets and rugs .....	227	44.2	43.4	42.6	43.1	-	5.6	5.9	5.7	6.3	-
Yarn and thread mills .....	228	41.5	40.1	42.0	42.3	-	4.6	4.1	4.9	4.9	-
Yarn spinning mills .....	2281	41.9	40.6	42.4	42.8	-	4.7	4.1	5.1	5.1	-
Throwing and winding mills .....	2282	38.0	36.0	39.1	39.2	-	3.1	3.3	3.6	3.5	-
Miscellaneous textile goods .....	229	43.4	42.6	43.5	43.8	-	4.7	4.4	5.3	5.7	-
Apparel and other textile products .....	23	37.4	37.0	37.7	38.0	37.2	1.8	1.7	2.0	2.2	-
Men's and boys' suits and coats .....	231	36.8	36.5	36.7	37.1	-	1.1	1.1	1.1	1.3	-
Men's and boys' furnishings .....	232	37.4	36.9	37.8	38.2	-	1.6	1.5	1.7	1.8	-
Men's and boys' shirts .....	2321	36.4	35.5	36.6	37.2	-	1.1	1.0	1.4	1.6	-
Men's and boys' trousers and slacks .....	2325	37.5	37.5	37.1	37.8	-	2.0	1.9	1.4	1.7	-
Men's and boys' work clothing .....	2326	37.4	37.2	37.8	38.2	-	1.3	1.3	1.7	1.7	-
Women's and misses' outerwear .....	233	36.2	36.3	36.4	36.3	-	1.6	1.6	1.7	1.7	-
Women's and misses' blouses and shirts .....	2331	36.0	36.0	35.8	36.7	-	1.1	1.3	1.1	1.5	-
Women's, juniors', and misses' dresses .....	2335	36.1	35.8	37.7	37.0	-	2.0	2.1	2.8	2.7	-
Women's and misses' suits and coats .....	2337	36.3	37.1	36.3	35.9	-	1.5	1.7	1.4	1.5	-
Women's and misses' outerwear, nec .....	2339	36.2	36.3	36.1	36.2	-	1.5	1.6	1.6	1.5	-
Women's and children's undergarments .....	234	38.2	37.0	38.0	38.6	-	1.9	1.8	1.8	2.6	-
Women's and children's underwear .....	2341	38.7	37.3	37.7	38.5	-	2.0	1.8	1.7	2.5	-
Brassieres, girdles, and allied garments .....	2342	35.9	35.5	39.1	38.9	-	1.5	1.8	2.2	2.9	-
Girls' and children's outerwear .....	236	37.5	37.1	37.5	38.2	-	2.0	1.6	1.9	2.6	-
Girls' and children's dresses and blouses .....	2361	37.1	36.9	37.0	37.1	-	1.9	1.5	2.0	2.4	-
Misc. apparel and accessories .....	238	37.3	37.2	37.9	37.5	-	1.7	1.2	2.1	1.7	-
Misc. fabricated textile products .....	239	36.9	37.9	39.5	40.3	-	2.7	2.3	3.1	3.6	-
Curtains and draperies .....	2391	37.1	36.3	39.3	39.7	-	1.6	1.6	2.3	2.7	-
House furnishings, nec .....	2392	37.2	36.9	37.4	38.3	-	1.8	2.0	1.7	2.6	-
Automotive and apparel trimmings .....	2396	40.3	38.3	40.3	41.3	-	3.3	2.2	3.7	4.3	-
Paper and allied products .....	26	43.6	43.2	43.8	44.0	43.9	5.2	5.4	5.4	5.5	-
Paper mills .....	262	45.7	44.9	45.4	45.2	-	6.1	6.2	6.0	5.7	-
Paperboard mills .....	263	44.9	44.6	45.4	44.9	-	6.4	6.7	6.9	6.8	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Food and kindred products—Continued											
Bakery products .....	205	\$11.72	\$11.76	\$11.64	\$11.76	-	\$467.63	\$464.52	\$466.76	\$468.05	-
Bread, cake, and related products .....	2051	11.69	11.75	11.64	11.74	-	462.92	464.13	462.11	462.56	-
Cookies, crackers, and frozen bakery products, except bread .....	2052,3	11.77	11.78	11.63	11.79	-	475.51	465.31	474.50	477.50	-
Sugar and confectionery products .....	206	11.52	11.64	11.79	11.82	-	456.19	464.44	459.81	475.16	-
Raw cane sugar .....	2061	10.87	10.37	11.12	11.25	-	463.06	468.72	532.65	496.13	-
Cane sugar refining .....	2062	15.69	16.11	15.49	15.70	-	669.96	749.12	690.85	733.19	-
Beet sugar .....	2063	12.86	13.00	13.16	13.42	-	498.97	526.50	539.56	542.17	-
Candy and other confectionery products .....	2064	10.60	10.66	10.76	10.80	-	409.16	416.81	394.89	419.04	-
Fats and oils .....	207	11.09	11.15	11.17	11.34	-	480.20	486.14	480.31	501.23	-
Beverages .....	208	14.53	14.69	14.95	14.91	-	610.26	625.79	644.35	648.59	-
Malt beverages .....	2082	19.82	20.03	20.52	20.36	-	850.28	859.29	931.61	930.45	-
Bottled and canned soft drinks .....	2086	11.91	12.13	12.36	12.23	-	500.22	527.66	533.95	538.12	-
Misc. food and kindred products .....	209	9.49	9.37	9.67	9.65	-	370.11	371.99	378.10	381.18	-
Tobacco products .....	21	18.00	18.39	19.98	20.30	\$20.24	694.80	662.04	775.22	818.09	\$765.07
Cigarettes .....	211	20.89	21.18	23.17	23.41	-	793.82	749.77	908.26	957.47	-
Textile mill products .....	22	8.86	8.87	9.07	9.12	9.11	370.35	362.78	379.13	386.69	376.24
Broadwoven fabric mills, cotton .....	221	9.25	9.30	9.38	9.52	-	382.03	373.66	397.71	408.41	-
Broadwoven fabric mills, synthetics .....	222	9.63	9.70	10.04	10.05	-	404.46	398.67	421.68	422.10	-
Broadwoven fabric mills, wool .....	223	9.46	9.40	9.60	9.67	-	420.97	414.54	430.08	424.51	-
Narrow fabric mills .....	224	8.12	8.24	8.29	8.27	-	330.48	332.90	337.40	338.24	-
Knitting mills .....	225	8.12	8.09	8.31	8.34	-	328.05	321.17	329.91	342.77	-
Women's hosiery, except socks .....	2251	7.56	7.53	7.77	7.91	-	290.30	271.08	292.93	326.68	-
Hosiery, nec .....	2252	7.75	7.79	8.05	8.05	-	303.80	306.93	314.76	325.22	-
Knit outerwear mills .....	2253	7.77	7.71	7.76	7.79	-	312.35	311.48	300.31	316.27	-
Knit underwear mills .....	2254	8.15	8.14	8.29	8.33	-	330.08	326.41	324.14	334.87	-
Weft knit fabric mills .....	2257	9.19	9.16	9.34	9.45	-	379.55	368.23	396.02	398.79	-
Textile finishing, except wool .....	226	9.15	9.12	9.26	9.38	-	399.86	384.86	410.22	414.60	-
Finishing plants, cotton .....	2261	9.05	9.10	8.94	9.14	-	391.87	393.12	402.30	409.47	-
Finishing plants, synthetics .....	2262	9.65	9.53	9.84	9.95	-	415.92	377.39	417.22	423.87	-
Carpets and rugs .....	227	8.84	8.98	9.09	9.18	-	390.73	389.73	387.23	395.66	-
Yarn and thread mills .....	228	8.62	8.59	8.86	8.85	-	357.73	344.46	372.12	374.36	-
Yarn spinning mills .....	2281	8.58	8.54	8.81	8.81	-	359.50	346.72	373.54	377.07	-
Throwing and winding mills .....	2282	8.95	9.06	9.29	9.28	-	340.10	326.16	363.24	363.78	-
Miscellaneous textile goods .....	229	10.37	10.41	10.32	10.40	-	450.06	443.47	448.92	455.52	-
Apparel and other textile products .....	23	7.07	7.01	7.28	7.33	7.31	264.42	259.37	274.46	278.54	271.93
Men's and boys' suits and coats .....	231	7.69	7.80	7.88	7.92	-	282.99	284.70	289.20	293.83	-
Men's and boys' furnishings .....	232	6.68	6.67	6.92	6.98	-	249.83	246.12	261.58	266.64	-
Men's and boys' shirts .....	2321	6.67	6.65	6.90	6.96	-	242.79	236.08	252.54	258.91	-
Men's and boys' trousers and slacks .....	2325	6.52	6.54	6.76	6.83	-	244.50	245.25	250.80	258.17	-
Men's and boys' work clothing .....	2326	6.42	6.48	6.62	6.63	-	240.11	241.06	250.24	253.27	-
Women's and misses' outerwear .....	233	6.68	6.68	6.90	6.91	-	241.82	242.48	251.16	250.83	-
Women's and misses' blouses and shirts .....	2331	6.16	6.09	6.37	6.42	-	221.76	219.24	228.05	235.61	-
Women's, juniors', and misses' dresses .....	2335	7.24	7.37	7.44	7.51	-	261.36	263.85	280.49	277.87	-
Women's and misses' suits and coats .....	2337	7.04	7.01	7.38	7.45	-	255.55	260.07	267.89	267.46	-
Women's and misses' outerwear, nec .....	2339	6.54	6.53	6.75	6.75	-	236.75	237.04	243.68	244.35	-
Women's and children's undergarments .....	234	6.84	6.78	6.92	6.97	-	261.29	250.86	262.96	269.04	-
Women's and children's underwear .....	2341	6.63	6.58	6.73	6.76	-	256.58	245.43	253.72	260.26	-
Brassieres, girdles, and allied garments .....	2342	7.81	7.69	7.66	7.81	-	280.38	273.00	299.51	303.81	-
Girls' and children's outerwear .....	236	6.40	6.37	6.54	6.57	-	240.00	236.33	245.25	250.97	-
Girls' and children's dresses and blouses .....	2361	6.32	6.28	6.40	6.47	-	234.47	231.73	236.80	240.04	-
Misc. apparel and accessories .....	238	6.84	6.78	6.93	6.88	-	255.13	252.22	262.65	258.00	-
Misc. fabricated textile products .....	239	8.25	8.03	8.40	8.52	-	320.93	304.34	331.80	343.36	-
Curtains and draperies .....	2391	7.16	7.25	7.27	7.32	-	265.64	263.18	285.71	290.60	-
House furnishings, nec .....	2392	7.23	7.26	7.46	7.57	-	268.96	267.89	279.00	289.93	-
Automotive and apparel trimmings .....	2396	10.55	9.79	10.86	11.09	-	425.17	374.96	437.66	458.02	-
Paper and allied products .....	26	13.38	13.49	13.70	13.68	13.89	583.37	582.77	600.06	601.92	609.77
Paper mills .....	262	16.48	16.74	16.96	16.95	-	753.14	751.63	769.98	766.14	-
Paperboard mills .....	263	16.61	16.80	17.13	17.16	-	745.79	749.28	777.70	770.48	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>2</sup>	July 1994 <sup>2</sup>	June 1993	July 1993	May 1994	June 1994 <sup>2</sup>	July 1994 <sup>2</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	43.3	43.1	44.0	44.4	-	4.9	5.3	5.5	5.8	-
Corrugated and solid fiber boxes .....	2653	44.0	43.6	44.5	45.2	-	5.4	5.7	5.9	6.4	-
Sanitary food containers .....	2656	43.4	43.6	44.7	45.0	-	5.0	5.5	5.3	6.2	-
Folding paperboard boxes .....	2657	42.7	43.0	44.1	44.0	-	4.7	5.2	5.7	5.5	-
Misc. converted paper products .....	267	42.1	41.7	42.0	42.5	-	4.3	4.6	4.4	4.6	-
Paper, coated and laminated, nec .....	2672	42.4	41.7	42.2	42.6	-	3.9	3.6	3.9	4.1	-
Bags: plastics, laminated, and coated .....	2673	42.2	41.8	41.4	42.1	-	5.0	5.3	4.6	5.2	-
Envelopes .....	2677	40.5	40.6	41.8	41.6	-	3.0	3.4	3.6	3.3	-
Printing and publishing .....	27	38.0	38.1	38.4	38.4	38.5	2.7	2.9	3.1	3.0	-
Newspapers .....	271	33.2	32.8	33.1	33.2	-	1.2	1.1	1.3	1.3	-
Periodicals .....	272	37.2	37.4	37.3	37.3	-	2.5	2.3	2.0	2.7	-
Books .....	273	40.3	40.0	41.4	40.4	-	3.0	3.5	3.9	2.9	-
Book publishing .....	2731	39.5	39.4	40.8	40.1	-	2.1	2.3	3.1	2.4	-
Book printing .....	2732	41.2	40.7	42.0	40.8	-	4.0	5.0	4.7	3.5	-
Miscellaneous publishing .....	274	36.5	37.0	37.2	36.9	-	1.6	1.8	2.5	2.1	-
Commercial printing .....	275	39.4	39.6	39.7	39.8	-	3.3	3.6	3.9	3.8	-
Commercial printing, lithographic .....	2752	39.3	39.5	39.4	39.6	-	3.1	3.4	3.7	3.6	-
Commercial printing, nec .....	2759	39.3	39.5	40.2	39.9	-	3.3	3.5	3.9	3.8	-
Manifold business forms .....	276	41.1	41.7	40.7	41.1	-	3.4	4.4	3.4	4.0	-
Blankbooks and bookbinding .....	278	38.7	38.5	39.5	39.6	-	1.8	2.0	2.3	2.1	-
Printing trade services .....	279	39.1	39.1	39.4	39.3	-	3.9	4.1	4.1	4.0	-
Chemicals and allied products .....	28	43.1	43.0	43.2	43.3	43.1	4.7	4.8	4.9	5.1	-
Industrial inorganic chemicals .....	281	43.8	43.8	44.2	44.4	-	4.7	5.3	5.4	5.4	-
Industrial inorganic chemicals, nec .....	2819	43.4	43.5	43.4	43.5	-	5.0	5.8	5.2	5.2	-
Plastics materials and synthetics .....	282	44.1	43.9	44.1	44.5	-	5.9	5.9	6.2	6.5	-
Plastics materials and resins .....	2821	44.5	44.5	45.3	45.4	-	6.2	6.5	7.0	7.2	-
Organic fibers, noncellulosic .....	2824	43.8	43.3	43.2	43.7	-	5.4	5.1	5.4	5.8	-
Drugs .....	283	40.8	41.2	40.9	41.1	-	3.5	3.6	3.7	3.9	-
Pharmaceutical preparations .....	2834	40.6	40.9	40.5	40.8	-	3.4	3.6	3.6	3.7	-
Soap, cleaners, and toilet goods .....	284	41.9	42.2	41.1	41.4	-	3.5	3.7	3.2	3.5	-
Soap and other detergents .....	2841	42.4	43.4	41.8	42.8	-	4.1	4.6	3.8	4.7	-
Polishing, sanitation, and finishing preparations .....	2842,3	41.5	41.2	40.7	41.0	-	4.2	4.1	3.3	3.8	-
Toilet preparations .....	2844	41.8	42.1	41.0	40.9	-	2.7	2.9	2.7	2.8	-
Paints and allied products .....	285	43.1	42.9	43.8	44.4	-	4.8	4.8	5.2	5.5	-
Industrial organic chemicals .....	286	45.8	45.0	46.0	45.2	-	6.4	6.0	6.1	6.3	-
Cyclic crudes and intermediates .....	2865	44.9	43.6	45.2	46.0	-	6.2	7.0	8.0	8.1	-
Industrial organic chemicals, nec .....	2869	46.0	45.3	46.2	45.0	-	6.0	5.8	5.6	5.9	-
Agricultural chemicals .....	287	44.3	44.0	45.3	45.1	-	5.2	5.2	5.9	5.9	-
Miscellaneous chemical products .....	289	43.2	42.8	43.1	43.5	-	4.7	4.8	4.8	4.9	-
Petroleum and coal products .....	29	44.1	44.0	43.8	43.9	43.5	6.2	6.0	6.1	6.2	-
Petroleum refining .....	291	43.5	43.6	43.0	43.1	-	5.2	5.0	5.1	5.1	-
Asphalt paving and roofing materials .....	295	47.0	46.3	46.9	47.3	-	10.1	9.9	9.9	10.4	-
Rubber and misc. plastics products .....	30	42.0	41.1	42.3	42.6	41.5	4.4	4.1	4.6	4.9	-
Tires and inner tubes .....	301	43.8	42.9	43.7	44.9	-	6.1	6.4	5.6	6.7	-
Rubber and plastics footwear .....	302	42.0	42.6	40.3	41.3	-	3.4	4.7	1.7	2.6	-
Hose, belting, gaskets, and packing .....	305	42.0	40.8	42.5	42.0	-	4.2	3.8	5.0	4.7	-
Rubber and plastics hose and belting .....	3052	43.8	41.8	43.8	43.4	-	5.0	4.6	5.4	5.2	-
Fabricated rubber products, nec .....	306	41.7	40.1	42.0	42.0	-	3.8	3.3	4.2	4.3	-
Miscellaneous plastics products, nec .....	308	41.8	41.1	42.1	42.5	-	4.3	4.0	4.6	4.8	-
Leather and leather products .....	31	38.5	38.2	38.4	38.7	37.4	2.1	2.2	2.3	2.5	-
Leather tanning and finishing .....	311	41.6	40.8	43.5	43.7	-	4.7	4.8	5.7	6.0	-
Footwear, except rubber .....	314	38.3	37.9	37.6	37.9	-	1.8	1.7	1.6	1.7	-
Men's footwear, except athletic .....	3143	38.3	36.7	37.1	37.0	-	2.0	1.6	1.7	1.6	-
Women's footwear, except athletic .....	3144	37.9	39.6	37.9	38.4	-	1.5	1.9	1.2	1.6	-
Luggage .....	316	40.5	38.6	37.8	37.8	-	2.6	2.2	2.1	2.2	-
Handbags and personal leather goods .....	317	36.1	36.8	37.6	37.3	-	.6	.9	1.7	2.2	-
<b>Transportation and public utilities .....</b>		<b>39.7</b>	<b>40.0</b>	<b>40.0</b>	<b>40.2</b>	<b>40.3</b>	-	-	-	-	-
Railroad transportation:											
Class I railroads <sup>3</sup> .....	4011	45.8	46.6	46.6	46.1	-	-	-	-	-	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Nondurable goods—Continued</b>											
Paper and allied products—Continued											
Paperboard containers and boxes .....	265	\$11.30	\$11.42	\$11.70	\$11.69	-	\$489.29	\$492.20	\$514.80	\$519.04	-
Corrugated and solid fiber boxes .....	2653	11.36	11.53	11.67	11.75	-	499.84	502.71	519.32	531.10	-
Sanitary food containers .....	2656	11.29	11.25	11.52	11.44	-	489.99	490.50	514.94	514.80	-
Folding paperboard boxes .....	2657	11.81	11.94	12.48	12.31	-	504.29	513.42	550.37	541.64	-
Misc. converted paper products .....	267	11.78	11.79	11.94	11.93	-	495.94	491.64	501.48	507.03	-
Paper, coated and laminated, nec .....	2672	13.40	13.50	13.81	13.85	-	568.16	562.95	582.78	590.01	-
Bags: plastics, laminated, and coated .....	2673	11.18	11.35	11.14	11.26	-	471.80	474.43	461.20	474.05	-
Envelopes .....	2677	10.96	10.87	11.08	11.14	-	443.88	441.32	463.14	463.42	-
Printing and publishing .....	27	11.83	11.91	12.05	12.07	\$12.11	449.54	453.77	462.72	463.49	\$466.24
Newspapers .....	271	11.79	11.83	12.00	12.02	-	391.43	388.02	397.20	399.06	-
Periodicals .....	272	13.22	13.28	13.48	13.57	-	491.78	496.67	502.80	506.16	-
Books .....	273	10.87	11.05	11.11	11.15	-	438.06	442.00	459.95	450.46	-
Book publishing .....	2731	10.54	10.70	10.58	10.64	-	416.33	421.58	431.66	426.66	-
Book printing .....	2732	11.25	11.44	11.70	11.75	-	463.50	465.61	491.40	479.40	-
Miscellaneous publishing .....	274	11.10	11.12	11.42	11.66	-	405.15	411.44	424.82	430.25	-
Commercial printing .....	275	11.96	12.05	12.20	12.21	-	471.22	477.18	484.34	485.96	-
Commercial printing, lithographic .....	2752	12.06	12.16	12.32	12.35	-	473.96	480.32	485.41	489.06	-
Commercial printing, nec .....	2759	11.60	11.64	11.74	11.72	-	455.88	459.78	471.95	467.63	-
Manifold business forms .....	276	12.52	12.61	12.81	12.92	-	514.57	525.84	521.37	531.01	-
Blankbooks and bookbinding .....	278	9.20	9.24	9.58	9.50	-	356.04	355.74	378.41	376.20	-
Printing trade services .....	279	14.64	14.78	14.86	14.82	-	572.42	577.90	585.48	582.43	-
Chemicals and allied products .....	28	14.75	14.82	15.10	15.13	15.17	635.73	637.26	652.32	655.13	653.83
Industrial inorganic chemicals .....	281	16.13	16.39	16.69	16.79	-	706.49	714.60	737.70	745.48	-
Industrial inorganic chemicals, nec .....	2819	16.55	16.79	17.04	17.10	-	718.27	730.37	739.54	743.85	-
Plastics materials and synthetics .....	282	15.19	15.24	15.51	15.56	-	669.88	669.04	683.99	692.42	-
Plastics materials and resins .....	2821	16.39	16.45	17.18	17.21	-	729.36	732.03	778.25	781.33	-
Organic fibers, noncellulosic .....	2824	13.95	13.89	13.69	13.64	-	611.01	601.44	591.41	596.07	-
Drugs .....	283	14.72	14.73	14.76	14.77	-	600.58	606.88	603.68	607.05	-
Pharmaceutical preparations .....	2834	14.77	14.82	14.71	14.73	-	599.66	606.14	595.76	600.98	-
Soap, cleaners, and toilet goods .....	284	12.31	12.24	12.66	12.73	-	515.79	516.53	520.33	527.02	-
Soap and other detergents .....	2841	15.72	15.85	16.33	16.35	-	666.53	687.89	682.59	699.78	-
Polishing, sanitation, and finishing preparations .....	2842,3	11.71	11.65	11.70	11.75	-	485.97	479.98	476.19	481.75	-
Toilet preparations .....	2844	10.54	10.35	11.15	11.21	-	440.57	435.74	457.15	458.49	-
Paints and allied products .....	285	12.63	12.67	13.05	13.03	-	544.35	543.54	571.59	578.53	-
Industrial organic chemicals .....	286	17.63	17.69	18.14	18.20	-	807.45	796.05	834.44	822.64	-
Cyclic crudes and intermediates .....	2865	17.21	17.34	17.72	17.58	-	772.73	756.02	800.94	808.68	-
Industrial organic chemicals, nec .....	2869	17.86	17.90	18.36	18.48	-	821.56	810.87	848.23	831.60	-
Agricultural chemicals .....	287	14.86	15.18	14.81	15.08	-	658.30	667.92	670.89	680.11	-
Miscellaneous chemical products .....	289	13.37	13.60	13.90	13.87	-	577.58	582.08	599.09	603.35	-
Petroleum and coal products .....	29	18.47	18.43	18.81	18.92	18.94	814.53	810.92	823.86	830.59	823.89
Petroleum refining .....	291	20.50	20.38	20.86	21.03	-	891.75	888.57	896.98	906.39	-
Asphalt paving and roofing materials .....	295	13.75	13.86	14.09	14.26	-	646.25	641.72	660.82	674.50	-
Rubber and misc. plastics products .....	30	10.54	10.58	10.69	10.72	10.77	442.68	434.84	452.19	456.67	446.96
Tires and inner tubes .....	301	17.50	17.53	17.72	18.02	-	766.50	752.04	774.36	809.10	-
Rubber and plastics footwear .....	302	7.65	7.59	7.82	7.87	-	321.30	323.33	315.15	316.77	-
Hose, belting, gaskets, and packing .....	305	10.54	10.61	10.92	10.91	-	442.88	432.89	464.10	458.22	-
Rubber and plastics hose and belting .....	3052	10.82	10.88	11.15	11.14	-	473.92	454.78	488.37	483.48	-
Fabricated rubber products, nec .....	306	9.97	10.01	10.24	10.16	-	415.75	401.40	430.08	426.72	-
Miscellaneous plastics products, nec .....	308	9.82	9.86	9.96	10.00	-	410.48	405.25	419.32	425.00	-
Leather and leather products .....	31	7.57	7.56	7.94	7.95	7.93	291.45	288.79	304.90	307.67	296.56
Leather tanning and finishing .....	311	9.97	9.90	10.57	10.70	-	414.75	403.92	459.80	467.59	-
Footwear, except rubber .....	314	7.14	7.15	7.43	7.45	-	273.46	270.99	279.37	282.36	-
Men's footwear, except athletic .....	3143	7.65	7.71	7.97	8.01	-	293.00	282.96	295.69	296.37	-
Women's footwear, except athletic .....	3144	6.60	6.60	6.97	6.99	-	250.14	261.36	264.16	268.42	-
Luggage .....	316	7.83	7.54	8.11	7.95	-	317.12	291.04	306.56	300.51	-
Handbags and personal leather goods .....	317	6.77	6.89	7.24	7.19	-	244.40	253.55	272.22	268.19	-
<b>Transportation and public utilities .....</b>		<b>13.57</b>	<b>13.63</b>	<b>13.76</b>	<b>13.73</b>	<b>13.83</b>	<b>538.73</b>	<b>545.20</b>	<b>550.40</b>	<b>551.95</b>	<b>557.35</b>
Railroad transportation:											
Class I railroads <sup>3</sup> .....	4011	16.84	17.01	16.38	16.40	-	771.27	792.67	763.31	756.04	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>a</sup>	July 1994 <sup>a</sup>	June 1993	July 1993	May 1994	June 1994 <sup>a</sup>	July 1994 <sup>a</sup>
<b>Transportation and public utilities—Continued</b>											
Local and interurban passenger transit .....	41	34.2	34.9	34.8	34.1	-	-	-	-	-	-
Local and suburban transportation .....	411	38.7	38.1	38.2	38.3	-	-	-	-	-	-
Intercity and rural bus transportation .....	413	38.9	40.2	38.4	37.3	-	-	-	-	-	-
Trucking and warehousing .....	42	39.0	39.0	39.6	39.9	-	-	-	-	-	-
Trucking and courier services, except air .....	421	38.9	39.0	39.6	39.9	-	-	-	-	-	-
Public warehousing and storage .....	422	39.7	39.6	39.8	39.9	-	-	-	-	-	-
Water transportation:											
Water transportation services .....	449	36.1	35.7	36.3	36.0	-	-	-	-	-	-
Pipelines, except natural gas .....	46	41.3	41.4	43.9	43.8	-	-	-	-	-	-
Transportation services .....	47	36.8	37.0	37.7	37.2	-	-	-	-	-	-
Passenger transportation arrangement .....	472	36.1	36.1	36.3	35.7	-	-	-	-	-	-
Travel agencies .....	4724	36.2	36.1	36.3	35.8	-	-	-	-	-	-
Freight transportation arrangement .....	473	37.1	37.6	39.4	38.9	-	-	-	-	-	-
Communications .....	48	39.7	39.9	39.4	39.7	-	-	-	-	-	-
Telephone communications .....	481	41.3	41.7	40.9	41.3	-	-	-	-	-	-
Telephone communications, except radio .....	4813	41.5	41.8	40.7	41.5	-	-	-	-	-	-
Radio and television broadcasting .....	483	34.6	34.6	35.0	35.1	-	-	-	-	-	-
Cable and other pay television services .....	484	39.1	39.3	38.8	38.9	-	-	-	-	-	-
Electric, gas, and sanitary services .....	49	42.5	42.5	42.2	42.5	-	-	-	-	-	-
Electric services .....	491	42.4	42.3	42.2	42.9	-	-	-	-	-	-
Gas production and distribution .....	492	42.0	42.3	42.7	42.2	-	-	-	-	-	-
Combination utility services .....	493	43.3	43.3	41.7	42.1	-	-	-	-	-	-
Sanitary services .....	495	43.0	43.0	42.5	42.5	-	-	-	-	-	-
<b>Wholesale trade .....</b>		<b>38.3</b>	<b>38.3</b>	<b>38.6</b>	<b>38.5</b>	<b>38.4</b>	-	-	-	-	-
Durable goods .....	50	38.9	38.9	39.2	39.1	-	-	-	-	-	-
Motor vehicles, parts, and supplies .....	501	38.7	38.8	38.5	38.5	-	-	-	-	-	-
Furniture and home furnishings .....	502	37.0	37.1	37.1	36.8	-	-	-	-	-	-
Lumber and other construction materials .....	503	40.2	40.3	40.4	40.4	-	-	-	-	-	-
Professional and commercial equipment .....	504	38.9	39.1	39.5	39.2	-	-	-	-	-	-
Medical and hospital equipment .....	5047	38.2	38.2	38.7	38.1	-	-	-	-	-	-
Metals and minerals, except petroleum .....	505	40.5	40.5	41.2	41.2	-	-	-	-	-	-
Electrical goods .....	506	38.2	38.2	38.8	38.7	-	-	-	-	-	-
Hardware, plumbing, and heating equipment .....	507	38.8	38.8	39.1	39.1	-	-	-	-	-	-
Machinery, equipment, and supplies .....	506	39.5	39.6	39.8	39.6	-	-	-	-	-	-
Misc. wholesale trade durable goods .....	509	37.4	37.2	38.0	38.0	-	-	-	-	-	-
Nondurable goods .....	51	37.5	37.6	37.7	37.7	-	-	-	-	-	-
Paper and paper products .....	511	36.4	36.2	36.4	35.9	-	-	-	-	-	-
Drugs, proprietaries, and sundries .....	512	36.9	37.2	37.4	37.3	-	-	-	-	-	-
Apparel, piece goods, and notions .....	513	36.7	36.4	36.3	36.5	-	-	-	-	-	-
Groceries and related products .....	514	38.6	38.6	38.6	38.9	-	-	-	-	-	-
Farm-product raw materials .....	515	35.4	35.8	36.4	35.9	-	-	-	-	-	-
Chemicals and allied products .....	516	39.8	39.9	40.0	39.9	-	-	-	-	-	-
Petroleum and petroleum products .....	517	37.5	37.8	38.1	37.8	-	-	-	-	-	-
Beer, wine, and distilled beverages .....	518	37.2	37.7	36.9	36.9	-	-	-	-	-	-
Misc. wholesale trade nondurable goods .....	519	36.7	36.5	37.6	37.3	-	-	-	-	-	-
<b>Retail trade .....</b>		<b>29.0</b>	<b>29.6</b>	<b>28.9</b>	<b>29.2</b>	<b>29.7</b>	-	-	-	-	-
Building materials and garden supplies .....	52	36.9	37.2	36.8	37.1	-	-	-	-	-	-
Lumber and other building materials .....	521	39.0	39.1	38.6	39.0	-	-	-	-	-	-
Paint, glass, and wallpaper stores .....	523	36.8	36.5	36.3	36.7	-	-	-	-	-	-
Hardware stores .....	525	32.7	33.1	32.2	32.7	-	-	-	-	-	-
Retail nurseries and garden stores .....	526	33.9	34.5	35.0	34.1	-	-	-	-	-	-
General merchandise stores .....	53	29.3	29.6	29.4	30.2	-	-	-	-	-	-
Department stores .....	531	29.4	29.7	29.5	30.3	-	-	-	-	-	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Transportation and public utilities—Continued</b>											
Local and interurban passenger transit .....	41	\$9.98	\$10.04	\$9.99	\$10.18	-	\$341.32	\$350.40	\$347.65	\$347.14	-
Local and suburban transportation .....	411	10.61	10.58	10.68	10.71	-	410.61	403.10	407.98	410.19	-
Intercity and rural bus transportation .....	413	12.78	12.77	12.77	12.99	-	497.14	513.35	490.37	484.53	-
Trucking and warehousing .....	42	12.33	12.32	12.59	12.49	-	480.87	480.48	498.56	498.35	-
Trucking and courier services, except air .....	421	12.50	12.49	12.77	12.67	-	486.25	487.11	505.69	505.53	-
Public warehousing and storage .....	422	10.07	10.12	10.14	10.12	-	399.78	400.75	403.57	403.79	-
Water transportation:											
Water transportation services .....	449	16.68	16.64	17.68	17.21	-	602.15	594.05	641.78	619.56	-
Pipelines, except natural gas .....	46	19.36	19.16	20.37	20.09	-	799.57	793.22	894.24	879.94	-
Transportation services .....	47	11.05	11.07	11.59	11.47	-	406.64	409.59	436.94	426.68	-
Passenger transportation arrangement .....	472	10.09	10.15	10.84	10.65	-	364.25	366.42	393.49	360.21	-
Travel agencies .....	4724	10.00	10.07	10.89	10.67	-	362.00	363.53	395.31	381.99	-
Freight transportation arrangement .....	473	12.43	12.37	12.77	12.71	-	461.15	465.11	503.14	494.42	-
Communications .....	48	14.86	14.86	15.07	15.18	-	589.94	592.91	593.76	602.65	-
Telephone communications .....	481	15.52	15.52	15.78	15.81	-	640.98	647.18	645.40	652.95	-
Telephone communications, except radio .....	4813	15.70	15.68	16.12	16.15	-	651.55	655.42	656.08	670.23	-
Radio and television broadcasting .....	483	14.36	14.30	14.53	14.97	-	496.86	494.78	508.55	525.45	-
Cable and other pay television services .....	484	11.58	11.58	11.62	11.67	-	452.78	455.09	450.86	453.96	-
Electric, gas, and sanitary services .....	49	16.58	16.72	17.28	17.13	-	704.65	710.60	729.22	728.03	-
Electric services .....	491	17.14	17.36	18.12	17.85	-	726.74	734.33	764.66	765.77	-
Gas production and distribution .....	492	16.13	16.10	16.71	16.50	-	677.46	681.03	713.52	696.30	-
Combination utility services .....	493	19.84	19.95	20.61	20.56	-	859.07	863.84	859.44	865.58	-
Sanitary services .....	495	11.98	12.11	12.20	12.24	-	515.14	520.73	518.50	520.20	-
<b>Wholesale trade .....</b>		<b>11.66</b>	<b>11.73</b>	<b>11.98</b>	<b>11.94</b>	<b>\$11.99</b>	<b>446.58</b>	<b>449.26</b>	<b>462.43</b>	<b>459.69</b>	<b>\$460.42</b>
Durable goods .....	50	11.98	12.07	12.37	12.33	-	466.02	469.52	484.90	482.10	-
Motor vehicles, parts, and supplies .....	501	10.48	10.61	10.87	10.84	-	405.58	411.67	418.50	417.34	-
Furniture and home furnishings .....	502	10.64	10.67	10.94	11.01	-	393.68	395.86	405.87	405.17	-
Lumber and other construction materials .....	503	11.12	11.15	11.44	11.43	-	447.02	449.35	462.18	461.77	-
Professional and commercial equipment .....	504	14.44	14.61	14.88	14.83	-	561.72	571.25	587.76	581.34	-
Medical and hospital equipment .....	5047	13.14	13.13	13.03	13.19	-	501.95	501.57	504.26	502.54	-
Metals and minerals, except petroleum .....	505	12.01	12.04	12.31	12.17	-	486.41	487.62	507.17	501.40	-
Electrical goods .....	506	12.39	12.51	12.87	12.76	-	473.30	477.86	499.36	493.81	-
Hardware, plumbing, and heating equipment .....	507	11.24	11.30	11.74	11.77	-	436.11	438.44	459.03	460.21	-
Machinery, equipment, and supplies .....	508	11.85	11.88	12.35	12.33	-	468.08	470.45	491.53	488.27	-
Misc. wholesale trade durable goods .....	509	9.36	9.49	9.74	9.76	-	350.06	353.03	370.12	370.88	-
Nondurable goods .....	51	11.22	11.26	11.46	11.41	-	420.75	423.38	432.04	430.16	-
Paper and paper products .....	511	11.85	11.88	12.00	11.84	-	431.34	430.06	436.80	425.06	-
Drugs, proprietaries, and sundries .....	512	13.42	13.35	13.99	13.98	-	495.20	496.62	523.23	521.45	-
Apparel, piece goods, and notions .....	513	10.89	10.98	11.32	11.14	-	399.66	399.67	410.92	406.61	-
Groceries and related products .....	514	11.46	11.49	11.78	11.70	-	442.36	443.51	454.71	455.13	-
Farm-product raw materials .....	515	8.37	8.36	8.70	8.66	-	296.30	299.29	316.68	310.89	-
Chemicals and allied products .....	516	13.14	13.23	13.31	13.14	-	522.97	527.88	532.40	524.29	-
Petroleum and petroleum products .....	517	10.46	10.53	10.71	10.74	-	392.25	398.03	408.05	405.97	-
Beer, wine, and distilled beverages .....	518	13.04	13.11	13.16	13.20	-	485.09	494.25	485.60	487.08	-
Misc. wholesale trade nondurable goods .....	519	9.41	9.46	9.53	9.52	-	345.35	345.29	358.33	355.10	-
<b>Retail trade .....</b>		<b>7.26</b>	<b>7.24</b>	<b>7.47</b>	<b>7.45</b>	<b>7.46</b>	<b>210.54</b>	<b>214.30</b>	<b>215.88</b>	<b>217.54</b>	<b>221.56</b>
Building materials and garden supplies .....	52	8.59	8.62	8.76	8.75	-	316.97	320.66	322.37	324.63	-
Lumber and other building materials .....	521	8.95	8.95	9.08	9.05	-	349.05	349.95	350.49	352.95	-
Paint, glass, and wallpaper stores .....	523	9.23	9.19	9.48	9.44	-	339.66	335.44	344.12	346.45	-
Hardware stores .....	525	7.39	7.38	7.57	7.50	-	241.65	244.28	243.75	245.25	-
Retail nurseries and garden stores .....	526	7.45	7.59	7.63	7.73	-	252.56	261.86	267.05	263.59	-
General merchandise stores .....	53	7.30	7.26	7.49	7.50	-	213.89	214.90	220.21	226.50	-
Department stores .....	531	7.30	7.26	7.45	7.47	-	214.62	215.62	219.78	226.34	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Retail trade—Continued</b>											
General merchandise stores—Continued											
Variety stores .....	533	27.8	28.2	28.1	28.6	-	-	-	-	-	-
Misc. general merchandise stores .....	539	29.3	29.7	29.7	30.2	-	-	-	-	-	-
Food stores .....											
Food stores .....	54	30.3	30.8	29.5	30.2	-	-	-	-	-	-
Grocery stores .....	541	30.5	31.0	29.6	30.4	-	-	-	-	-	-
Retail bakeries .....	546	28.7	28.9	28.7	28.5	-	-	-	-	-	-
Automotive dealers and service stations .....											
Automotive dealers and service stations .....	55	36.3	36.5	35.9	36.0	-	-	-	-	-	-
New and used car dealers .....	551	37.6	37.6	37.3	37.3	-	-	-	-	-	-
Auto and home supply stores .....	553	38.6	38.7	37.7	38.1	-	-	-	-	-	-
Gasoline service stations .....	554	33.5	33.8	33.0	33.0	-	-	-	-	-	-
Automotive dealers, nec .....	559	33.4	33.6	34.0	34.3	-	-	-	-	-	-
Apparel and accessory stores .....											
Apparel and accessory stores .....	56	26.5	27.0	26.2	26.6	-	-	-	-	-	-
Men's and boys' clothing stores .....	561	29.3	29.4	29.4	29.5	-	-	-	-	-	-
Women's clothing stores .....	562	24.0	24.4	24.0	24.4	-	-	-	-	-	-
Family clothing stores .....	565	27.8	28.1	27.3	27.8	-	-	-	-	-	-
Shoe stores .....	566	26.7	27.7	26.4	26.5	-	-	-	-	-	-
Furniture and home furnishings stores .....											
Furniture and home furnishings stores .....	57	33.2	33.3	32.9	33.3	-	-	-	-	-	-
Furniture and home furnishings stores .....	571	33.4	33.3	33.1	33.5	-	-	-	-	-	-
Household appliance stores .....	572	33.9	34.6	34.5	34.4	-	-	-	-	-	-
Radio, television, and computer stores .....	573	32.7	32.9	32.3	32.7	-	-	-	-	-	-
Radio, television, and electronic stores .....	5731	32.5	32.7	32.2	32.6	-	-	-	-	-	-
Record and prerecorded tape stores .....	5735	28.7	29.2	26.9	27.7	-	-	-	-	-	-
Eating and drinking places <sup>4</sup> .....											
Eating and drinking places <sup>4</sup> .....	56	25.3	26.0	25.4	25.4	-	-	-	-	-	-
Miscellaneous retail establishments .....											
Miscellaneous retail establishments .....	59	29.8	30.3	29.7	30.1	-	-	-	-	-	-
Drug stores and proprietary stores .....	591	28.3	28.4	27.8	28.5	-	-	-	-	-	-
Used merchandise stores .....	593	32.5	32.5	32.1	32.1	-	-	-	-	-	-
Miscellaneous shopping goods stores .....	594	28.3	29.3	28.1	28.9	-	-	-	-	-	-
Nonstore retailers .....	596	33.8	33.9	34.0	34.4	-	-	-	-	-	-
Fuel dealers .....	598	36.9	37.3	37.4	37.2	-	-	-	-	-	-
Retail stores, nec .....	599	31.2	31.6	31.8	31.2	-	-	-	-	-	-
Optical goods stores .....	5995	32.7	33.1	32.8	32.4	-	-	-	-	-	-
Miscellaneous retail stores, nec .....	5999	32.3	32.8	31.7	31.9	-	-	-	-	-	-
<b>Finance, insurance, and real estate<sup>5</sup> .....</b>											
<b>Finance, insurance, and real estate<sup>5</sup> .....</b>											
Depository institutions .....	60	35.6	35.6	36.1	35.5	35.7	-	-	-	-	-
Depository institutions .....	60	35.0	35.2	35.6	35.1	-	-	-	-	-	-
Commercial banks .....	602	34.6	35.1	35.5	34.9	-	-	-	-	-	-
State commercial banks .....	6022	35.6	35.7	36.0	35.4	-	-	-	-	-	-
National and commercial banks, nec .....	6021,9	34.2	34.6	35.1	34.6	-	-	-	-	-	-
Credit unions .....	606	35.8	35.6	36.1	35.8	-	-	-	-	-	-
Nondepository institutions .....											
Nondepository institutions .....	61	37.5	37.2	38.3	37.2	-	-	-	-	-	-
Personal credit institutions .....	614	37.6	36.8	38.8	38.0	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services .....	628	35.6	35.6	37.4	36.5	-	-	-	-	-	-
Insurance carriers .....											
Insurance carriers .....	63	37.7	37.7	38.1	37.4	-	-	-	-	-	-
Life insurance .....	631	37.3	37.4	37.8	37.3	-	-	-	-	-	-
Medical service and health insurance .....	632	38.3	38.3	37.8	37.3	-	-	-	-	-	-
Hospital and medical service plans .....	6324	38.2	38.3	37.5	37.0	-	-	-	-	-	-
Fire, marine, and casualty insurance .....	633	37.4	37.4	38.0	37.5	-	-	-	-	-	-
<b>Services .....</b>											
Services .....		32.6	32.8	32.7	32.5	32.8	-	-	-	-	-
Agricultural services .....	07	35.5	35.2	35.6	35.7	-	-	-	-	-	-
Veterinary services .....	074	29.6	29.9	28.9	29.3	-	-	-	-	-	-
Landscape and horticultural services .....	078	38.0	37.5	38.2	38.1	-	-	-	-	-	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>a</sup>	July 1994 <sup>a</sup>	June 1993	July 1993	May 1994	June 1994 <sup>a</sup>	July 1994 <sup>a</sup>
<b>Retail trade—Continued</b>											
General merchandise stores—Continued											
Variety stores .....	533	\$6.45	\$6.47	\$7.07	\$7.10	-	\$179.31	\$182.45	\$198.67	\$203.06	-
Misc. general merchandise stores .....	539	7.91	7.89	8.22	8.21	-	231.76	234.33	244.13	247.94	-
Food stores .....											
Food stores .....	54	7.79	7.74	7.92	7.89	-	236.04	238.39	233.64	238.28	-
Grocery stores .....	541	7.88	7.82	8.02	7.98	-	240.34	242.42	237.39	242.59	-
Retail bakeries .....	546	6.86	6.88	7.01	7.04	-	196.88	198.83	201.19	200.64	-
Automotive dealers and service stations .....											
Automotive dealers and service stations .....	55	9.67	9.75	10.10	10.10	-	351.02	355.88	362.59	363.60	-
New and used car dealers .....	551	12.09	12.27	12.71	12.74	-	454.58	461.35	474.08	475.20	-
Auto and home supply stores .....	553	8.32	8.29	8.38	8.40	-	321.15	320.82	315.93	320.04	-
Gasoline service stations .....	554	6.65	6.68	6.78	6.75	-	222.78	225.78	223.74	222.75	-
Automotive dealers, nec .....	559	10.52	10.79	11.00	10.89	-	351.37	362.54	374.00	373.53	-
Apparel and accessory stores .....											
Apparel and accessory stores .....	56	7.01	6.96	7.17	7.15	-	185.77	187.92	187.85	190.19	-
Men's and boys' clothing stores .....	561	8.51	8.43	8.46	8.59	-	249.34	247.64	248.72	253.41	-
Women's clothing stores .....	562	6.68	6.65	6.82	6.75	-	160.32	162.26	163.68	164.70	-
Family clothing stores .....	565	6.85	6.78	6.97	7.02	-	190.43	190.52	190.28	195.16	-
Shoe stores .....	566	7.17	7.08	7.43	7.37	-	191.44	196.12	196.15	195.31	-
Furniture and home furnishings stores .....											
Furniture and home furnishings stores .....	57	9.38	9.46	9.76	9.78	-	311.42	315.02	321.10	325.67	-
Furniture and home furnishings stores .....	571	9.21	9.26	9.56	9.58	-	307.61	308.36	316.44	320.93	-
Household appliance stores .....	572	9.81	9.91	9.85	9.88	-	332.56	342.89	339.63	339.87	-
Radio, television, and computer stores .....	573	9.53	9.63	10.07	10.05	-	311.63	316.83	325.26	328.64	-
Radio, television, and electronic stores .....	5731	9.42	9.58	10.01	10.05	-	308.15	313.27	322.32	327.63	-
Record and prerecorded tape stores .....	5735	5.86	6.06	6.04	6.03	-	168.18	176.95	162.48	167.03	-
Eating and drinking places <sup>a</sup> .....											
Eating and drinking places <sup>a</sup> .....	58	5.33	5.31	5.44	5.44	-	134.85	138.06	138.18	138.18	-
Miscellaneous retail establishments .....											
Miscellaneous retail establishments .....	59	7.89	7.89	8.14	8.12	-	235.12	239.07	241.76	244.41	-
Drug stores and proprietary stores .....	591	8.02	8.06	8.36	8.33	-	226.97	228.90	232.41	237.41	-
Used merchandise stores .....	593	6.77	6.70	6.87	6.87	-	220.03	217.75	220.53	220.53	-
Miscellaneous shopping goods stores .....	594	7.21	7.17	7.57	7.49	-	204.04	210.08	212.72	216.46	-
Nonstore retailers .....	596	8.67	8.73	8.82	8.94	-	293.05	295.95	299.88	307.54	-
Fuel dealers .....	598	10.90	10.93	11.17	11.09	-	402.21	407.69	417.76	412.55	-
Retail stores, nec .....	599	8.15	8.19	8.27	8.29	-	254.28	258.80	262.99	258.65	-
Optical goods stores .....	5995	9.81	9.92	10.50	10.56	-	320.79	328.35	344.40	342.14	-
Miscellaneous retail stores, nec .....	5999	8.54	8.52	8.67	8.54	-	275.84	279.46	274.84	272.43	-
<b>Finance, insurance, and real estate<sup>a</sup> .....</b>											
<b>Depository institutions .....</b>											
Depository institutions .....	60	9.03	9.06	9.40	9.28	-	316.05	318.91	334.64	325.73	-
Commercial banks .....	602	8.60	8.62	8.97	8.86	-	299.28	302.56	318.44	309.21	-
State commercial banks .....	6022	8.44	8.47	8.77	8.69	-	300.46	302.38	315.72	307.63	-
National and commercial banks, nec .....	6021,9	8.72	8.72	9.12	8.99	-	298.22	301.71	320.11	311.05	-
Credit unions .....	606	8.97	9.04	9.34	9.24	-	321.13	321.82	337.17	330.79	-
<b>Nondepository institutions .....</b>											
Nondepository institutions .....	61	12.22	12.48	12.51	12.27	-	458.25	464.26	479.13	456.44	-
Personal credit institutions .....	614	9.87	9.91	10.10	9.96	-	371.11	364.69	391.88	378.48	-
<b>Security and commodity brokers:</b>											
Security and commodity services .....	628	15.75	15.97	16.11	15.80	-	560.70	568.53	602.51	576.70	-
<b>Insurance carriers .....</b>											
Insurance carriers .....	63	13.07	13.08	13.94	13.94	-	492.74	493.12	531.11	521.36	-
Life insurance .....	631	12.12	12.00	13.26	13.25	-	452.08	448.80	501.23	494.23	-
Medical service and health insurance .....	632	12.50	12.68	13.46	13.52	-	478.75	485.64	508.79	504.30	-
Hospital and medical service plans .....	6324	12.79	12.93	13.81	13.86	-	488.58	495.22	517.88	512.82	-
Fire, marine, and casualty insurance .....	633	14.07	14.14	14.77	14.71	-	526.22	528.84	561.26	551.63	-
<b>Services .....</b>											
Services .....		10.66	10.62	11.03	10.92	10.91	347.52	348.34	360.66	354.90	357.85
<b>Agricultural services .....</b>											
Agricultural services .....	07	8.31	8.33	8.43	8.34	-	295.01	293.22	300.11	297.74	-
Veterinary services .....	074	8.08	8.08	8.35	8.26	-	239.17	241.59	241.32	242.02	-
Landscape and horticultural services .....	078	8.42	8.46	8.48	8.39	-	319.96	317.25	323.94	319.66	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Services—Continued</b>											
Hotels and other lodging places:											
Hotels and motels <sup>4</sup> .....	701	31.2	31.7	31.4	31.0	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services .....	721	34.0	33.7	34.2	34.0	-	-	-	-	-	-
Beauty shops <sup>4</sup> .....	723	28.7	28.4	28.7	28.7	-	-	-	-	-	-
Miscellaneous personal services .....	729	25.5	25.3	27.0	26.1	-	-	-	-	-	-
Business services .....	73	33.1	33.0	33.3	33.1	-	-	-	-	-	-
Advertising .....	731	36.8	36.8	37.4	36.7	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services .....	7334	37.3	37.2	38.1	38.2	-	-	-	-	-	-
Services to buildings .....	734	28.8	28.8	28.8	28.7	-	-	-	-	-	-
Disinfecting and pest control services .....	7342	38.4	38.3	38.6	37.6	-	-	-	-	-	-
Building maintenance services, nec .....	7349	27.9	27.9	27.9	27.8	-	-	-	-	-	-
Miscellaneous equipment rental and leasing .....	735	40.1	39.5	39.5	39.7	-	-	-	-	-	-
Medical equipment rental .....	7352	38.7	38.2	38.2	38.4	-	-	-	-	-	-
Heavy construction equipment rental .....	7353	40.4	40.4	40.3	41.3	-	-	-	-	-	-
Equipment rental and leasing, nec .....	7359	40.4	39.6	39.6	39.5	-	-	-	-	-	-
Personnel supply services:											
Help supply services .....	7363	31.5	31.2	31.8	31.8	-	-	-	-	-	-
Computer and data processing services .....	737	37.8	37.9	38.2	37.5	-	-	-	-	-	-
Computer programming services .....	7371	37.8	37.9	38.0	37.4	-	-	-	-	-	-
Computer integrated systems design .....	7373	37.8	37.7	39.4	37.9	-	-	-	-	-	-
Information retrieval services .....	7375	37.8	37.9	36.9	36.1	-	-	-	-	-	-
Computer maintenance and repair .....	7378	39.1	39.5	39.7	39.9	-	-	-	-	-	-
Miscellaneous business services .....	738	33.4	33.4	33.8	33.6	-	-	-	-	-	-
Detective and armored car services .....	7381	33.7	33.7	34.5	34.1	-	-	-	-	-	-
Security systems services .....	7382	36.1	36.2	35.4	35.7	-	-	-	-	-	-
Auto repair, services, and parking .....	75	36.6	37.0	36.8	36.7	-	-	-	-	-	-
Automotive rentals, without drivers .....	751	37.6	37.9	37.2	37.0	-	-	-	-	-	-
Passenger car rental .....	7514	36.5	37.0	36.7	36.8	-	-	-	-	-	-
Automobile parking .....	752	33.6	34.1	35.0	34.1	-	-	-	-	-	-
Automotive repair shops .....	753	36.4	38.6	36.4	36.6	-	-	-	-	-	-
Automotive and tire repair shops .....	7532,4	37.3	37.1	37.9	37.9	-	-	-	-	-	-
General automotive repair shops .....	7538	36.4	38.8	37.9	38.1	-	-	-	-	-	-
Automotive services, except repair .....	754	31.9	32.6	31.3	32.1	-	-	-	-	-	-
Carwashes .....	7542	30.0	31.2	29.2	30.0	-	-	-	-	-	-
Miscellaneous repair services .....	76	38.2	38.6	38.3	38.4	-	-	-	-	-	-
Motion pictures .....	78	28.3	29.0	28.5	29.1	-	-	-	-	-	-
Motion picture production and services .....	781	36.4	37.6	38.7	39.2	-	-	-	-	-	-
Video tape rental .....	784	22.9	24.0	22.9	21.8	-	-	-	-	-	-
Amusement and recreation services .....	79	28.1	29.6	26.3	27.3	-	-	-	-	-	-
Bowling centers .....	793	23.9	24.7	24.0	23.8	-	-	-	-	-	-
Misc. amusement and recreation services .....	799	26.3	30.3	26.0	27.5	-	-	-	-	-	-
Physical fitness facilities .....	7991	19.0	18.3	18.6	18.6	-	-	-	-	-	-
Membership sports and recreation clubs .....	7997	29.4	30.5	29.3	29.6	-	-	-	-	-	-
Health services .....	80	32.8	32.9	32.8	32.7	-	-	-	-	-	-
Offices and clinics of medical doctors .....	801	32.1	32.1	32.4	32.2	-	-	-	-	-	-
Offices and clinics of dentists .....	802	28.2	28.2	28.4	28.2	-	-	-	-	-	-
Offices and clinics of other health practitioners .....	804	29.7	29.6	30.2	29.6	-	-	-	-	-	-
Nursing and personal care facilities .....	805	32.2	32.6	32.3	32.2	-	-	-	-	-	-
Intermediate care facilities .....	8052	31.6	32.0	31.7	31.5	-	-	-	-	-	-
Hospitals .....	806	34.6	34.7	34.6	34.6	-	-	-	-	-	-
Home health care services .....	808	27.8	27.6	28.5	28.2	-	-	-	-	-	-
Legal services .....	81	34.6	34.7	35.2	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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Services—Continued</b>											
Hotels and other lodging places:											
Hotels and motels <sup>4</sup> .....	701	\$7.49	\$7.38	\$7.68	\$7.63	-	\$233.69	\$233.95	\$241.15	\$236.53	-
Personal services:											
Laundry, cleaning, and garment services .....	721	7.23	7.25	7.32	7.30	-	245.82	244.33	250.34	248.20	-
Beauty shops <sup>4</sup> .....	723	7.93	7.85	8.11	8.24	-	227.59	222.94	232.76	236.49	-
Miscellaneous personal services .....	729	7.67	7.68	7.98	7.90	-	195.59	194.30	214.92	206.19	-
Business services .....	73	10.09	10.11	10.35	10.27	-	333.98	333.63	344.66	339.94	-
Advertising .....	731	14.81	14.84	15.70	15.46	-	545.01	546.11	587.18	567.38	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services .....	7334	9.56	9.54	9.94	9.95	-	356.59	354.89	378.71	380.09	-
Services to buildings .....	734	7.44	7.53	7.44	7.45	-	214.27	216.86	214.27	213.82	-
Disinfecting and pest control services .....	7342	9.62	9.99	9.73	9.68	-	369.41	382.62	375.58	363.97	-
Building maintenance services, nec .....	7349	7.17	7.22	7.16	7.18	-	200.04	201.44	199.76	199.80	-
Miscellaneous equipment rental and leasing .....	735	10.50	10.60	10.73	10.75	-	421.05	418.70	423.84	426.78	-
Medical equipment rental .....	7352	10.55	10.67	10.41	10.38	-	408.29	407.59	397.66	398.59	-
Heavy construction equipment rental .....	7353	14.19	14.39	14.16	14.16	-	573.28	581.36	570.65	584.81	-
Equipment rental and leasing, nec .....	7359	9.45	9.46	9.81	9.83	-	381.78	374.62	388.48	388.29	-
Personnel supply services:											
Help supply services .....	7363	8.26	8.26	8.41	8.39	-	260.19	257.71	267.44	266.80	-
Computer and data processing services .....	737	16.38	16.32	17.07	16.86	-	619.16	618.53	652.07	632.25	-
Computer programming services .....	7371	18.85	18.70	19.68	19.53	-	712.53	708.73	755.44	730.42	-
Computer integrated systems design .....	7373	17.05	17.08	17.90	17.85	-	644.49	643.92	705.26	676.52	-
Information retrieval services .....	7375	14.57	14.62	14.46	14.57	-	550.75	554.10	533.57	525.98	-
Computer maintenance and repair .....	7378	13.68	13.90	13.66	13.79	-	534.89	549.05	550.24	550.22	-
Miscellaneous business services .....	738	8.63	8.70	8.82	8.85	-	288.24	290.58	298.12	297.36	-
Detective and armored car services .....	7381	6.75	6.80	6.94	6.98	-	227.48	229.16	239.43	238.02	-
Security systems services .....	7382	11.00	10.79	10.74	10.84	-	397.10	390.60	380.20	386.99	-
Auto repair, services, and parking .....	75	9.28	9.26	9.56	9.54	-	339.65	342.62	349.90	350.12	-
Automotive rentals, without drivers .....	751	9.27	9.25	9.44	9.34	-	348.55	350.58	351.17	345.58	-
Passenger car rental .....	7514	8.30	8.26	8.52	8.43	-	302.95	305.62	312.68	308.54	-
Automobile parking .....	752	6.85	6.88	6.97	6.92	-	230.16	234.81	243.95	235.97	-
Automotive repair shops .....	753	10.22	10.21	10.58	10.60	-	392.45	394.11	406.27	409.16	-
Automotive and tire repair shops .....	7532,4	10.78	10.79	11.12	11.14	-	402.09	400.31	421.45	422.21	-
General automotive repair shops .....	7538	10.30	10.22	10.61	10.66	-	395.52	396.54	402.12	406.15	-
Automotive services, except repair .....	754	6.98	6.90	7.08	7.06	-	222.66	224.94	221.60	226.63	-
Carwashes .....	7542	6.14	6.04	6.21	6.13	-	184.20	188.45	181.33	183.90	-
Miscellaneous repair services .....	76	11.02	11.07	11.27	11.28	-	420.96	427.30	431.84	433.15	-
Motion pictures .....	78	11.50	11.19	14.32	13.19	-	325.45	324.51	408.12	383.83	-
Motion picture production and services .....	781	18.02	17.87	20.69	19.03	-	691.97	671.91	800.70	745.98	-
Video tape rental .....	784	5.57	5.52	5.72	5.73	-	127.55	132.48	130.99	124.91	-
Amusement and recreation services .....	79	7.90	7.62	8.63	8.24	-	221.99	225.55	226.97	224.95	-
Bowling centers .....	793	6.76	6.72	6.79	6.87	-	161.56	165.96	162.96	163.51	-
Misc. amusement and recreation services .....	799	7.30	7.07	8.00	7.63	-	206.59	214.22	208.00	209.63	-
Physical fitness facilities .....	7991	7.84	7.84	7.91	8.01	-	148.96	143.47	147.13	148.99	-
Membership sports and recreation clubs .....	7997	7.67	7.55	8.13	7.74	-	225.50	230.28	238.21	229.10	-
Health services .....	80	11.72	11.77	12.02	12.03	-	384.42	387.23	394.26	393.38	-
Offices and clinics of medical doctors .....	801	11.84	11.85	12.25	12.17	-	380.06	380.39	396.90	391.87	-
Offices and clinics of dentists .....	802	11.38	11.39	11.93	11.87	-	320.92	321.20	338.81	334.73	-
Offices and clinics of other health practitioners .....	804	10.33	10.34	10.74	10.70	-	306.80	306.06	324.35	316.72	-
Nursing and personal care facilities .....	805	8.13	8.18	8.41	8.44	-	261.79	266.67	271.64	271.77	-
Intermediate care facilities .....	8052	7.54	7.64	7.76	7.79	-	236.26	244.48	245.99	245.39	-
Hospitals .....	806	13.38	13.46	13.69	13.73	-	462.95	467.06	473.67	475.06	-
Home health care services .....	808	10.34	10.45	10.59	10.81	-	287.45	290.51	301.82	299.20	-
Legal services .....	81	15.15	15.16	15.70	15.58	-	524.19	526.05	552.64	540.63	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Services—Continued</b>											
Social services .....	83	31.1	31.1	31.3	30.9	-	-	-	-	-	-
Individual and family services .....	832	31.8	31.9	32.0	31.6	-	-	-	-	-	-
Job training and related services .....	833	30.5	29.7	31.0	30.8	-	-	-	-	-	-
Child day care services .....	835	29.6	29.9	29.7	29.4	-	-	-	-	-	-
Residential care .....	836	31.8	32.2	32.1	32.0	-	-	-	-	-	-
Social services, nec .....	839	30.8	30.8	32.0	30.3	-	-	-	-	-	-
Membership organizations:											
Professional organizations .....	862	34.5	34.7	35.5	34.9	-	-	-	-	-	-
Engineering and management services .....	87	37.0	37.0	37.3	37.0	-	-	-	-	-	-
Engineering and architectural services .....	871	39.1	39.1	39.5	39.1	-	-	-	-	-	-
Engineering services .....	8711	39.4	39.3	39.7	39.3	-	-	-	-	-	-
Architectural services .....	8712	37.7	37.9	38.3	38.2	-	-	-	-	-	-
Surveying services .....	8713	38.1	38.9	39.1	39.3	-	-	-	-	-	-
Accounting, auditing, and bookkeeping .....	872	35.8	35.7	36.8	36.1	-	-	-	-	-	-
Research and testing services .....	873	36.5	36.7	36.5	36.0	-	-	-	-	-	-
Commercial physical research .....	8731	39.1	39.1	38.7	38.6	-	-	-	-	-	-
Commercial nonphysical research .....	8732	29.7	30.4	29.9	28.6	-	-	-	-	-	-
Noncommercial research organizations .....	8733	36.2	36.3	36.9	36.2	-	-	-	-	-	-
Management and public relations .....	874	35.7	35.6	35.7	35.8	-	-	-	-	-	-
Management services .....	8741	34.7	34.6	34.5	35.0	-	-	-	-	-	-
Management consulting services .....	8742	36.5	36.4	35.9	35.7	-	-	-	-	-	-
Public relations services .....	8743	31.6	32.5	32.3	31.4	-	-	-	-	-	-
Services, nec .....	89	36.7	36.7	40.9	39.4	-	-	-	-	-	-

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				
		June 1993	July 1993	May 1994	June 1994 <sup>p</sup>	July 1994 <sup>p</sup>	June 1993	July 1993	May 1994	June 1994 <sup>p</sup>	July 1994 <sup>p</sup>
<b>Services—Continued</b>											
Social services .....	83	\$7.80	\$7.80	\$8.06	\$8.05	-	\$242.58	\$242.58	\$252.28	\$248.75	-
Individual and family services .....	832	8.38	8.38	8.62	8.60	-	266.48	267.32	275.84	271.76	-
Job training and related services .....	833	7.50	7.51	7.92	7.87	-	228.75	223.05	245.52	242.40	-
Child day care services .....	835	6.56	6.52	6.81	6.75	-	194.18	194.95	202.26	198.45	-
Residential care .....	836	7.99	8.02	8.24	8.26	-	254.08	258.24	264.50	264.32	-
Social services, nec .....	839	8.92	8.63	9.34	9.45	-	274.74	265.80	298.88	286.34	-
Membership organizations:											
Professional organizations .....	862	14.80	15.06	15.49	15.35	-	510.80	522.58	549.90	535.72	-
Engineering and management services .....	87	14.84	14.88	15.45	15.17	-	549.08	550.58	576.29	561.29	-
Engineering and architectural services .....	871	16.01	16.04	16.60	16.35	-	625.99	627.16	655.70	639.29	-
Engineering services .....	8711	16.60	16.67	17.25	17.03	-	654.04	655.13	684.83	669.28	-
Architectural services .....	8712	14.81	14.75	15.28	14.84	-	556.34	559.03	585.22	566.89	-
Surveying services .....	8713	11.20	11.24	11.73	11.68	-	426.72	437.24	458.64	459.02	-
Accounting, auditing, and bookkeeping .....	872	13.08	13.09	13.53	13.21	-	467.55	467.31	497.90	476.88	-
Research and testing services .....	873	15.88	15.89	16.51	16.26	-	579.62	583.16	602.62	585.36	-
Commercial physical research .....	8731	17.92	17.89	18.73	18.43	-	700.67	699.50	724.85	711.40	-
Commercial nonphysical research .....	8732	12.29	12.26	12.39	12.07	-	365.01	372.70	370.46	345.20	-
Noncommercial research organizations .....	8733	17.30	17.37	18.06	17.79	-	626.26	630.53	666.41	644.00	-
Management and public relations .....	874	13.63	13.70	14.41	14.05	-	486.59	467.72	514.44	502.99	-
Management services .....	8741	12.44	12.42	13.14	12.89	-	431.67	429.73	453.33	451.15	-
Management consulting services .....	8742	16.22	16.26	16.73	16.34	-	592.03	591.86	600.61	583.34	-
Public relations services .....	8743	13.76	13.84	13.85	13.48	-	434.82	449.80	447.36	423.27	-
Services, nec .....	89	15.62	15.60	14.59	14.49	-	573.25	572.52	596.73	570.91	-

<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 earning 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)			
	May 1993	June 1993	May 1994	June 1994 <sup>p</sup>	May 1993	June 1993	May 1994	June 1994 <sup>p</sup>
Average hourly earnings, excluding lump-sum payments .....	\$18.29	\$18.21	\$19.33	\$19.46	\$17.20	\$17.17	\$18.03	\$18.03
Average hourly earnings, including lump-sum payments .....	18.97	18.84	19.37	19.50	17.26	17.23	18.11	18.11

<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	June 1993	July 1993	May 1994	June 1994 <sup>p</sup>	July 1994 <sup>p</sup>
<b>Manufacturing</b> .....	<b>\$11.16</b>	<b>\$11.18</b>	<b>\$11.39</b>	<b>\$11.39</b>	<b>\$11.41</b>
<b>Durable goods</b> .....	<b>11.71</b>	<b>11.72</b>	<b>11.93</b>	<b>11.92</b>	<b>11.94</b>
Lumber and wood products .....	9.11	9.18	9.28	9.30	(9)
Furniture and fixtures .....	8.91	8.95	9.11	9.10	(9)
Stone, clay, and glass products .....	11.11	11.18	11.31	11.34	(9)
Primary metal industries .....	13.16	13.21	13.26	13.30	(9)
Fabricated metal products .....	11.13	11.11	11.25	11.23	(9)
Industrial machinery and equipment .....	12.03	12.12	12.20	12.19	(9)
Electronic and other electrical equipment .....	10.77	10.79	10.96	10.98	(9)
Transportation equipment .....	14.90	14.87	15.32	15.34	(9)
Instruments and related products .....	11.79	11.86	11.93	11.96	(9)
Miscellaneous manufacturing .....	9.07	9.10	9.26	9.26	(9)
<b>Nondurable goods</b> .....	<b>10.45</b>	<b>10.50</b>	<b>10.67</b>	<b>10.66</b>	<b>\$10.72</b>
Food and kindred products .....	9.91	9.90	10.11	10.08	(9)
Tobacco products .....	17.47	17.83	19.27	19.53	(9)
Textile mill products .....	8.41	8.44	8.58	8.60	(9)
Apparel and other textile products .....	6.90	6.86	7.09	7.13	(9)
Paper and allied products .....	12.64	12.70	12.91	12.88	(9)
Printing and publishing .....	11.43	11.47	11.58	11.61	(9)
Chemicals and allied products .....	13.99	14.03	14.29	14.29	(9)
Petroleum and coal products .....	17.26	17.25	17.59	17.67	(9)
Rubber and misc. plastics products .....	10.02	10.08	10.14	10.14	(9)
Leather and leather products .....	7.37	7.35	7.72	7.70	(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				
	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>	June 1993	July 1993	May 1994	June 1994 <sup>P</sup>	July 1994 <sup>P</sup>
<b>Total private:</b>										
Current dollars .....	\$10.76	\$10.75	\$11.09	\$11.03	\$11.04	\$372.30	\$374.10	\$385.93	\$383.84	\$385.30
Constant (1982) dollars .....	7.34	7.33	7.42	7.35	( <sup>2</sup> )	254.13	255.18	258.15	255.72	( <sup>2</sup> )
<b>Mining:</b>										
Current dollars .....	14.59	14.49	14.83	14.71	\$14.72	644.88	639.01	658.45	660.48	\$652.10
Constant (1982) dollars .....	9.96	9.88	9.92	9.80	( <sup>2</sup> )	440.19	435.89	440.43	440.03	( <sup>2</sup> )
<b>Construction:</b>										
Current dollars .....	14.24	14.37	14.59	14.57	\$14.76	559.63	567.62	579.22	576.97	\$587.45
Constant (1982) dollars .....	9.72	9.80	9.76	9.71	( <sup>2</sup> )	382.00	387.19	387.44	384.39	( <sup>2</sup> )
<b>Manufacturing:</b>										
Current dollars .....	11.71	11.72	12.01	12.02	\$12.03	484.79	480.52	504.42	507.24	\$499.25
Constant (1982) dollars .....	7.99	7.99	8.03	8.01	( <sup>2</sup> )	330.91	327.78	337.40	337.93	( <sup>2</sup> )
<b>Transportation and public utilities:</b>										
Current dollars .....	13.57	13.63	13.76	13.73	\$13.83	538.73	545.20	550.40	551.95	\$557.35
Constant (1982) dollars .....	9.26	9.30	9.20	9.15	( <sup>2</sup> )	367.73	371.90	368.16	367.72	( <sup>2</sup> )
<b>Wholesale trade:</b>										
Current dollars .....	11.66	11.73	11.98	11.94	\$11.99	446.58	449.26	462.43	459.69	\$460.42
Constant (1982) dollars .....	7.96	8.00	8.01	7.95	( <sup>2</sup> )	304.83	306.45	309.32	306.26	( <sup>2</sup> )
<b>Retail trade:</b>										
Current dollars .....	7.26	7.24	7.47	7.45	\$7.46	210.54	214.30	215.88	217.54	\$221.56
Constant (1982) dollars .....	4.96	4.94	5.00	4.96	( <sup>2</sup> )	143.71	146.18	144.40	144.93	( <sup>2</sup> )
<b>Finance, insurance, and real estate:</b>										
Current dollars .....	11.23	11.27	11.84	11.68	\$11.71	399.79	401.21	427.42	414.64	\$418.05
Constant (1982) dollars .....	7.67	7.69	7.92	7.78	( <sup>2</sup> )	272.89	273.68	285.90	276.24	( <sup>2</sup> )
<b>Services:</b>										
Current dollars .....	10.66	10.62	11.03	10.92	\$10.91	347.52	348.34	360.68	354.90	\$357.85
Constant (1982) dollars .....	7.28	7.24	7.38	7.28	( <sup>2</sup> )	237.22	237.61	241.26	236.44	( <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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Alabama</b> .....	41.3	41.5	42.2	\$10.28	\$10.83	\$10.72	\$424.56	\$441.15	\$452.38
Birmingham .....	41.5	42.4	42.2	11.13	11.47	11.52	481.90	486.33	486.14
Mobile .....	43.1	41.0	41.7	12.51	13.01	13.13	539.18	533.41	547.52
<b>Alaska</b> .....	42.0	40.8	40.8	11.36	12.44	11.90	477.12	507.55	483.14
<b>Arizona</b> .....	40.5	42.1	41.8	11.04	11.06	10.92	447.12	465.63	456.46
<b>Arkansas</b> .....	41.5	41.9	42.8	9.32	9.66	9.74	366.78	404.75	414.92
Fayetteville-Springdale-Rogers .....	42.0	42.1	42.6	9.21	9.56	9.53	386.82	402.48	405.98
Fort Smith .....	40.7	42.0	42.5	9.52	9.83	9.75	387.48	412.86	414.38
Little Rock-North Little Rock .....	41.8	43.8	43.7	10.07	10.27	10.28	420.93	449.83	449.24
Pine Bluff .....	45.4	40.3	42.8	10.56	11.02	10.89	480.33	444.11	463.91
<b>California</b> .....	40.7	41.2	41.5	12.37	12.48	12.50	503.48	514.18	518.75
Bakersfield .....	39.4	39.8	39.9	12.93	12.34	12.54	509.44	491.13	500.35
Fresno .....	41.0	41.5	41.5	10.30	10.74	10.82	422.30	445.71	449.03
Los Angeles-Long Beach .....	41.5	41.9	42.1	11.55	11.89	11.64	479.33	489.81	490.04
Modesto .....	40.5	40.3	41.1	12.18	12.14	12.40	492.48	489.24	509.64
Oakland .....	41.0	42.0	42.4	14.49	15.65	15.54	594.09	657.30	658.90
Orange County .....	40.3	40.4	41.4	12.28	12.34	12.33	494.88	498.54	510.46
Riverside-San Bernardino .....	40.9	41.8	41.5	11.33	11.37	11.40	463.40	472.99	473.10
Sacramento .....	39.9	40.4	40.9	13.04	13.13	13.19	520.30	530.45	539.47
Selinas .....	40.0	39.7	39.7	12.77	12.72	12.63	510.80	504.98	501.41
San Diego .....	40.1	40.0	40.2	12.53	12.45	12.54	502.45	498.00	504.11
San Francisco .....	40.8	39.9	40.0	13.55	13.82	13.77	552.64	551.42	550.80
San Jose .....	41.9	41.7	44.2	14.89	14.84	14.33	623.89	618.83	633.39
Santa Barbara-Santa Maria-Lompoc .....	42.0	40.8	41.2	12.61	12.67	12.45	538.02	516.94	512.94
Santa Rosa .....	39.4	39.2	39.3	13.29	13.84	13.78	523.63	534.89	541.55
Stockton-Lodi .....	41.7	41.0	41.6	12.39	12.36	12.28	516.66	506.76	510.85
Vallejo-Fairfield-Napa .....	39.0	39.0	39.4	14.38	14.89	14.59	560.82	572.91	574.85
Ventura .....	40.7	41.2	41.0	11.67	11.69	11.80	474.97	481.63	483.80
<b>Colorado</b> .....	41.3	41.4	41.3	12.02	12.35	12.39	496.43	511.29	511.71
Denver .....	41.5	41.4	41.2	12.91	12.64	12.70	535.77	523.30	523.24
<b>Connecticut</b> .....	42.2	42.9	43.1	12.91	13.45	13.49	544.80	577.01	581.42
Bridgeport .....	41.3	42.0	42.5	13.41	13.90	13.82	553.83	583.80	587.35
Danbury .....	41.8	43.8	42.9	12.70	12.67	13.00	530.86	554.95	557.70
Hartford .....	42.5	42.5	43.8	13.91	14.25	14.04	591.18	605.63	614.95
New Haven-Meriden .....	41.3	42.8	42.5	12.59	12.59	12.81	519.97	538.85	544.43
Stamford-Norwalk .....	43.0	42.3	42.2	13.10	12.64	12.75	563.30	543.13	538.05
Waterbury .....	44.0	43.6	44.8	11.56	12.06	12.05	509.52	525.82	537.43
<b>Delaware</b> .....	41.5	44.2	43.8	13.21	14.10	14.09	548.22	623.22	617.14
Wilmington-Newark .....	42.3	44.8	45.1	15.44	16.85	16.58	653.11	754.88	747.76
<b>District of Columbia:</b>									
Washington PMSA .....	40.0	40.0	39.8	13.13	13.36	13.49	525.20	534.40	536.90
<b>Florida</b> .....	40.8	41.2	41.4	9.69	10.00	9.99	395.35	412.00	413.59
<b>Georgia</b> .....	41.9	42.3	42.8	10.03	10.22	10.25	420.28	432.31	436.65
Atlanta .....	41.4	41.7	41.8	11.07	11.47	11.49	458.30	478.30	480.28
Savannah .....	47.8	48.4	47.1	13.35	13.14	13.44	638.13	609.70	633.02
<b>Hawaii</b> .....	41.1	37.8	38.1	12.06	12.44	12.27	495.87	467.74	467.49
Honolulu .....	40.1	38.0	38.1	12.52	12.66	12.69	502.05	481.84	483.49
<b>Idaho</b> .....	40.2	41.0	40.3	11.78	12.04	11.75	473.56	493.64	473.53
<b>Illinois</b> .....	41.4	41.8	42.0	12.02	12.25	12.28	497.63	512.05	515.76
Bloomington-Normal .....	40.8	42.8	42.9	15.60	16.20	16.20	636.48	693.36	694.96
Champaign-Urbana .....	40.8	39.6	40.3	10.44	10.57	10.46	425.95	418.57	421.54
Chicago .....	41.6	41.9	41.9	12.11	12.21	12.23	503.78	511.60	512.44
Davenport-Moline-Rock Island .....	41.9	41.2	41.4	13.90	13.95	13.98	582.41	574.74	578.77
Decatur .....	42.1	44.1	43.9	15.12	15.19	15.22	636.55	689.88	688.16
Kankakee .....	40.9	41.8	41.8	12.56	13.14	13.03	513.70	549.25	544.65
Peoria-Pekin .....	43.6	41.4	41.8	14.82	15.29	15.46	646.15	633.01	643.14
Rockford .....	40.8	42.2	41.9	12.78	13.53	13.55	520.81	570.97	567.75
Springfield .....	39.8	40.1	40.1	11.71	11.77	11.79	466.06	471.98	472.78
<b>Indiana</b> .....	42.9	43.2	43.3	13.13	13.63	13.49	563.28	588.82	584.12
Bloomington .....	40.0	39.8	39.1	11.90	12.27	12.17	476.00	485.89	475.85
Elkhart-Goshen .....	39.7	40.8	41.1	10.83	11.04	11.09	442.01	448.22	455.60
Evansville-Henderson .....	42.3	43.4	44.5	13.13	13.45	13.03	555.40	583.73	579.84
Fort Wayne .....	42.8	42.5	41.7	12.78	13.61	13.65	546.98	578.43	569.21

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Indiana—Continued</b>									
Gary .....	44.5	44.2	44.7	\$17.65	\$17.66	\$17.81	\$785.43	\$760.57	\$796.11
Indianapolis .....	43.5	44.0	43.9	14.60	14.65	14.55	635.10	644.60	638.75
Kokomo .....	44.1	48.0	48.1	18.54	18.18	19.08	817.61	920.64	917.75
Lafayette .....	42.6	41.0	42.4	13.32	14.26	13.72	567.43	584.66	581.73
Muncie .....	43.5	45.3	45.8	14.19	14.79	14.78	617.27	689.99	676.92
South Bend .....	41.2	42.1	41.7	11.60	12.56	12.47	486.16	528.78	520.00
Terre Haute .....	43.0	43.4	45.0	13.24	13.19	12.90	569.32	572.45	580.50
<b>Iowa</b>									
Iowa .....	41.7	42.0	42.7	12.14	12.43	12.46	506.24	522.06	532.04
Cedar Rapids .....	41.3	41.5	41.3	14.93	15.11	15.30	616.61	627.07	631.89
Des Moines .....	39.6	39.1	42.0	12.99	13.02	12.58	514.40	509.08	528.36
Dubuque .....	40.6	41.3	44.1	12.67	13.09	13.02	516.94	540.62	574.16
Sioux City .....	39.6	39.3	39.7	9.83	10.04	10.15	389.27	394.57	402.96
<b>Kansas</b>									
Kansas .....	41.6	41.6	41.8	11.91	12.10	12.09	495.48	503.36	505.36
Topeka .....	42.9	42.0	41.7	13.64	13.90	14.17	593.74	583.80	590.89
Wichita .....	40.8	40.7	40.7	13.75	13.76	13.94	561.00	580.03	567.36
<b>Kentucky</b>									
Kentucky .....	40.2	41.9	42.1	11.46	11.98	11.93	460.69	501.96	502.25
Lexington .....	41.1	42.2	43.6	12.29	12.68	12.90	505.12	543.54	562.44
Louisville .....	41.4	42.7	42.3	12.97	13.94	13.67	536.96	595.24	586.70
<b>Louisiana</b>									
Louisiana .....	42.7	43.7	43.9	12.62	13.08	13.06	538.87	571.60	573.33
Baton Rouge .....	44.3	43.5	43.0	14.67	15.61	15.34	649.66	679.04	659.62
New Orleans .....	41.6	43.7	44.9	13.17	13.26	13.38	547.67	579.46	600.76
Shreveport-Bossier City .....	41.0	44.4	43.9	12.69	13.61	13.44	520.29	604.28	590.02
<b>Maine</b>									
Maine .....	40.9	40.6	40.2	11.58	11.76	11.96	473.62	477.48	480.79
Lewiston-Auburn .....	40.8	39.6	39.4	9.77	9.77	10.15	398.62	388.85	399.91
Portland .....	38.9	38.6	39.6	11.00	10.75	10.80	427.90	414.95	419.76
<b>Maryland</b>									
Maryland .....	41.0	41.8	41.7	12.77	13.04	13.04	523.57	545.07	543.77
Baltimore PMSA .....	41.5	42.2	42.1	13.36	13.67	13.65	554.44	576.87	574.67
<b>Massachusetts</b>									
Massachusetts .....	41.1	41.7	41.6	12.33	12.56	12.55	506.76	523.75	524.59
Boston .....	40.6	40.6	41.0	12.93	13.15	13.18	527.54	536.52	540.38
Springfield .....	42.9	42.7	42.6	12.68	12.66	12.66	543.97	540.58	539.32
Worcester .....	41.1	41.3	41.4	11.41	11.69	11.68	468.95	482.60	483.55
<b>Michigan</b>									
Michigan .....	43.2	44.8	44.5	15.41	16.17	16.15	665.71	724.42	718.67
Ann Arbor .....	43.2	45.9	45.3	16.17	16.71	16.66	698.54	766.99	754.70
Detroit .....	44.9	46.9	48.1	16.45	17.31	17.30	736.80	811.84	797.53
Flint .....	42.4	46.0	47.5	19.88	21.89	21.85	642.91	1050.72	1037.87
Grand Rapids-Muskegon-Holland .....	42.4	42.4	42.7	12.88	13.12	13.21	545.26	556.29	564.07
Jackson .....	42.2	43.5	42.6	10.72	11.39	11.83	452.38	495.48	497.76
Kalamazoo-Battle Creek .....	43.2	44.7	44.6	14.92	14.99	15.11	644.54	670.05	673.91
Lansing-East Lansing .....	40.9	45.9	45.6	16.64	17.97	18.00	680.58	824.82	824.40
Saginaw-Bay City-Midland .....	44.0	46.6	46.4	17.55	16.12	16.14	772.20	844.39	841.70
<b>Minnesota</b>									
Minnesota .....	40.6	40.9	41.2	12.19	12.54	12.51	494.91	512.69	515.41
Duluth-Superior .....	39.4	39.0	39.1	11.82	12.12	12.06	457.83	472.88	472.33
Minneapolis-St. Paul .....	40.6	40.6	41.0	13.02	13.12	13.17	531.22	535.30	539.97
St. Cloud .....	39.4	39.4	40.0	10.72	11.48	11.12	422.37	452.31	444.80
<b>Mississippi</b>									
Mississippi .....	41.1	41.6	42.1	9.14	9.39	9.40	375.65	390.82	395.74
Jackson .....	40.6	41.1	41.3	9.86	10.13	10.10	400.32	416.34	417.13
<b>Missouri</b>									
Missouri .....	41.6	42.3	42.5	11.53	11.66	11.49	479.65	493.22	468.33
Kansas City .....	41.9	43.1	43.2	13.38	13.95	13.64	559.76	601.25	589.25
St. Louis .....	42.4	43.5	42.6	13.61	13.56	13.49	577.06	589.66	574.67
Springfield .....	41.5	40.8	41.7	10.00	10.10	10.07	415.00	412.08	419.92
<b>Montana</b>									
Montana .....	38.2	39.6	39.7	12.30	12.41	12.39	469.86	491.44	491.86
<b>Nebraska</b>									
Nebraska .....	41.6	42.1	42.9	10.38	10.91	10.98	431.61	459.31	470.16
Lincoln .....	41.4	42.2	42.6	11.83	12.60	12.58	489.76	540.16	535.91
Omaha .....	41.0	41.4	41.5	10.83	11.68	11.65	444.03	482.72	483.48
<b>Nevada</b>									
Nevada .....	43.0	41.4	42.3	11.71	11.67	11.49	503.53	483.14	486.03
Las Vegas .....	41.7	40.0	41.2	13.14	12.62	13.12	547.94	504.60	540.54

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>New Hampshire</b> .....	42.1	42.0	41.7	\$11.54	\$11.54	\$11.57	\$485.83	\$484.68	\$482.47
Manchester .....	40.3	42.2	42.9	11.39	11.65	11.68	459.02	491.63	500.21
Nashua .....	41.4	40.8	40.5	13.91	14.11	14.34	575.87	575.69	580.77
Portsmouth-Rochester .....	42.8	40.8	39.6	10.91	11.15	11.24	466.95	454.92	445.10
<b>New Jersey</b> .....	41.6	41.9	42.2	12.97	13.30	13.26	539.55	557.27	559.57
<b>New Mexico</b> .....	40.6	40.6	41.4	9.62	9.93	9.96	390.57	403.16	412.34
Albuquerque .....	41.2	40.2	41.2	10.55	10.56	10.44	434.66	424.51	430.13
<b>New York</b> .....	40.4	41.1	41.2	11.94	12.14	12.13	482.38	498.95	499.76
Albany-Schenectady-Troy .....	40.2	41.1	40.8	13.25	13.52	13.51	532.65	555.67	551.21
Binghamton .....	40.8	41.9	45.2	9.76	9.80	9.78	398.21	410.62	442.06
Buffalo-Niagara Falls .....	43.8	43.8	43.5	14.79	15.37	15.25	647.80	673.21	663.38
Dutchess County .....	40.7	39.6	40.1	11.14	10.46	10.38	453.40	414.22	416.24
Elmira .....	43.2	43.8	42.5	11.25	11.20	11.25	486.00	490.56	478.13
Nassau-Suffolk .....	40.3	40.8	40.4	11.29	11.38	11.39	454.99	464.30	460.16
New York PMSA .....	37.8	38.5	38.6	10.75	10.94	11.03	406.35	421.19	425.76
New York City .....	37.4	38.0	38.1	10.44	10.64	10.72	390.46	404.32	408.43
Newburgh .....	41.1	41.2	42.5	10.59	10.85	10.75	435.25	447.02	456.88
Rochester .....	42.0	43.0	43.0	13.85	13.80	13.78	581.70	593.40	592.54
Rockland County .....	42.1	43.8	44.2	14.20	13.97	13.96	597.82	611.89	617.03
Syracuse .....	42.0	43.2	44.1	13.22	13.05	12.97	555.24	563.76	571.98
Utica-Rome .....	41.1	42.2	41.6	11.11	10.83	10.86	456.62	457.03	451.78
Westchester County .....	40.1	41.6	42.5	12.11	12.26	12.47	485.61	510.02	529.98
<b>North Carolina</b> .....	40.8	41.1	41.8	9.77	10.13	10.20	398.62	416.34	426.36
Asheville .....	39.9	41.7	41.6	9.69	10.00	10.01	386.63	417.00	418.42
Charlotte-Gastonia-Rock Hill .....	41.5	41.6	41.8	10.36	10.71	10.76	429.94	445.54	449.77
Greensboro-Winston-Salem-High Point .....	39.9	40.5	41.0	10.40	10.65	10.66	414.96	431.33	437.06
Raleigh-Durham-Chapel Hill .....	41.5	41.7	41.6	10.34	10.91	10.98	429.11	454.95	456.77
<b>North Dakota</b> .....	40.7	43.1	43.2	9.77	10.19	10.26	397.64	439.19	443.23
Fargo-Moorhead .....	39.8	41.3	44.5	9.18	9.89	9.66	365.36	408.46	429.87
<b>Ohio</b> .....	43.1	44.0	43.8	14.05	14.37	14.45	605.56	632.28	632.91
Akron .....	42.7	43.7	43.6	12.47	12.46	12.51	532.47	544.50	545.44
Canton-Massillon .....	41.6	41.8	41.7	12.28	12.53	12.56	510.85	523.75	523.75
Cincinnati .....	42.1	42.9	43.7	12.86	13.07	13.20	541.41	560.70	576.84
Cleveland-Lorain-Elyria .....	43.1	44.1	43.9	13.99	14.15	14.19	802.97	824.02	822.94
Columbus .....	41.7	42.1	42.2	13.02	13.31	13.32	542.93	560.35	562.10
Dayton-Springfield .....	44.2	45.5	45.9	15.50	15.71	15.83	685.10	714.81	726.60
Toledo .....	44.9	44.8	44.0	15.54	15.70	15.60	897.75	703.36	686.40
Youngstown-Warren .....	43.6	45.3	45.1	16.07	16.43	16.97	700.65	744.28	765.35
<b>Oklahoma</b> .....	41.7	43.3	43.2	11.38	11.66	11.53	474.55	504.88	498.10
Oklahoma City .....	43.9	44.0	43.4	12.12	13.40	13.04	532.07	589.60	565.94
Tulsa .....	40.6	42.2	42.6	12.11	12.11	11.96	491.67	511.04	511.89
<b>Oregon</b> .....	39.0	40.8	40.6	12.16	12.29	12.20	474.24	501.43	495.32
Eugene-Springfield .....	36.2	39.7	41.4	12.38	12.40	12.47	472.92	492.28	516.26
Medford-Ashland .....	40.4	41.4	41.2	11.60	11.82	11.71	468.64	489.35	482.45
Portland-Vancouver .....	40.0	40.6	40.8	12.33	12.64	12.73	493.20	513.18	519.38
Salem .....	37.1	39.0	37.9	10.66	10.62	10.30	396.49	414.18	390.37
<b>Pennsylvania</b> .....	41.2	41.7	41.9	12.05	12.37	12.39	496.46	515.83	519.14
Allentown-Bethlehem-Easton .....	39.7	40.2	40.2	11.42	11.95	11.91	453.37	480.39	478.78
Altoona .....	40.6	41.0	42.2	10.12	10.75	10.77	410.87	440.75	454.49
Erie .....	43.4	44.4	43.9	12.77	13.04	13.01	554.22	578.98	571.14
Harrisburg-Lebanon-Carlisle .....	40.5	39.8	40.5	11.40	11.69	11.70	461.70	485.26	473.85
Johnstown .....	40.5	40.3	40.2	9.08	9.23	9.28	367.74	371.97	373.08
Lancaster .....	40.9	41.1	41.1	11.93	12.33	12.30	467.94	506.76	505.53
Philadelphia PMSA .....	41.0	41.7	41.8	13.38	13.80	13.61	548.58	567.12	568.90
Pittsburgh .....	42.3	42.8	43.7	13.12	13.18	13.31	554.98	561.47	581.65
Reading .....	41.7	42.5	42.4	12.46	12.91	12.92	519.58	548.68	547.81
Scranton-Wilkes-Barre-Hazleton .....	39.6	39.7	40.0	10.47	10.72	10.85	414.61	425.58	434.00
Sharon .....	42.6	44.1	44.8	12.11	12.48	12.50	515.89	550.37	560.00
State College .....	39.0	41.1	40.7	10.44	10.47	10.57	407.18	430.32	430.20
Williamsport .....	40.2	41.0	43.1	10.16	10.63	10.76	408.43	453.83	463.76
York .....	42.5	42.7	42.6	12.31	12.55	12.62	523.18	535.89	537.61

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Rhode Island</b> .....	40.4	40.6	41.6	\$10.07	\$10.36	\$10.35	\$406.63	\$422.69	\$430.56
Providence-Fall River-Warwick .....	40.3	40.1	40.5	10.12	10.56	10.61	407.84	423.48	429.71
<b>South Carolina</b> .....	41.4	41.5	41.8	9.80	9.98	10.01	405.72	414.17	416.42
<b>South Dakota</b> .....	42.0	43.0	42.4	8.72	9.12	8.98	366.24	392.16	380.75
Rapid City .....	41.2	42.4	41.2	6.95	9.38	9.55	368.74	397.71	383.48
Sioux Falls .....	41.8	42.6	41.6	8.94	9.87	9.93	373.69	420.46	413.09
<b>Tennessee</b> .....	41.0	40.9	41.2	10.26	10.48	10.47	420.66	427.81	431.36
Chattanooga .....	40.8	42.0	42.0	9.79	10.02	10.01	399.43	420.84	420.42
Johnson City-Kingsport-Bristol .....	39.3	37.6	37.9	10.52	10.52	10.78	413.44	395.55	408.56
Knoxville .....	39.9	39.6	39.7	10.24	10.24	10.15	408.58	405.50	402.96
Memphis .....	41.2	41.7	41.4	10.40	10.76	10.90	428.48	448.69	451.26
Nashville .....	40.9	40.6	41.3	11.26	11.25	11.38	460.53	456.75	469.99
<b>Texas</b> .....	42.8	43.2	43.4	11.02	11.06	11.09	471.66	477.79	481.31
Dallas .....	43.1	43.2	43.5	10.82	10.80	10.79	466.34	466.58	469.37
Ft. Worth-Arlington .....	42.4	43.0	42.9	12.37	12.51	12.52	524.49	537.93	537.11
Houston .....	45.0	45.0	44.5	13.54	13.40	13.42	609.30	603.00	597.19
San Antonio .....	42.5	42.3	42.4	8.42	8.94	8.98	357.85	378.16	379.90
<b>Utah</b> .....	39.7	40.2	40.6	10.95	11.25	11.17	434.72	452.25	453.50
Salt Lake City-Ogden .....	40.8	40.9	41.0	11.21	11.35	11.40	457.37	464.22	467.40
<b>Vermont</b> .....	41.7	40.2	40.2	11.64	11.53	11.51	485.39	463.51	462.70
Burlington .....	40.0	42.1	40.9	12.01	11.63	11.55	480.40	469.62	472.40
<b>Virginia</b> .....	41.2	41.8	42.0	10.79	11.20	11.20	444.55	466.16	470.40
Bristol .....	41.5	42.5	45.0	9.64	10.15	10.53	400.06	431.38	473.85
Charlottesville .....	37.5	38.5	37.9	9.71	9.97	9.99	364.13	363.65	378.62
Danville .....	41.7	43.4	44.8	10.77	10.88	11.26	449.11	472.19	504.45
Lynchburg .....	43.5	44.4	42.8	10.73	10.82	10.85	466.76	460.41	482.21
Northern Virginia .....	42.0	41.8	41.8	12.08	12.00	11.84	507.36	499.20	494.91
Richmond-Petersburg .....	42.6	42.8	43.7	13.78	14.44	14.53	587.03	618.03	634.96
Roanoke .....	40.8	41.1	42.1	12.21	12.37	12.22	498.17	508.41	514.48
<b>Washington</b> .....	40.5	41.1	40.6	13.92	14.05	14.13	563.76	577.48	573.68
<b>West Virginia</b> .....	41.1	41.3	41.4	12.32	12.60	12.65	506.35	520.38	523.71
Charleston .....	44.5	48.1	50.3	15.81	15.58	15.40	703.55	749.40	774.62
Huntington-Ashland .....	41.0	43.7	43.0	14.32	14.26	14.52	587.12	623.16	624.36
Parkersburg-Marietta .....	41.7	40.4	42.2	15.18	14.83	15.26	633.01	599.13	643.97
Wheeling .....	41.8	40.0	41.4	13.90	14.27	15.01	578.24	570.80	621.41
<b>Wisconsin</b> .....	41.7	42.5	42.5	12.15	12.40	12.27	506.66	527.00	521.48
Appleton-Oshkosh-Neenah .....	43.3	44.7	43.4	13.09	13.53	13.46	566.80	604.79	584.16
Eau Claire .....	40.2	44.5	43.9	12.15	13.18	13.06	488.43	586.51	574.21
Green Bay .....	42.5	41.7	42.6	12.88	13.15	13.04	547.40	548.36	555.50
Janesville-Beloit .....	44.9	45.1	45.0	15.82	16.73	16.83	710.32	754.52	757.35
Kenosha .....	39.8	39.3	39.7	12.85	13.83	13.58	511.43	535.66	539.13
La Crosse .....	40.4	42.4	42.3	10.22	10.37	10.30	412.69	439.69	435.69
Madison .....	40.9	41.0	41.1	11.18	11.78	11.51	456.44	482.98	473.06
Milwaukee-Waukesha .....	41.0	42.1	41.8	13.01	13.35	13.38	533.41	562.04	559.26
Racine .....	39.7	40.9	41.1	12.22	12.67	12.79	485.13	518.20	525.87
Sheboygan .....	40.7	43.0	41.8	12.08	12.42	12.19	491.66	534.06	509.54
Wausau .....	41.7	42.8	43.4	11.82	11.68	11.74	492.89	499.90	509.52
<b>Wyoming</b> .....	37.9	40.3	41.4	11.75	12.19	11.72	445.33	491.26	485.21
<b>Puerto Rico</b> .....	39.4	40.0	40.0	7.00	7.28	7.25	275.80	291.20	290.00
<b>Virgin Islands</b> .....	42.2	42.0	42.1	15.06	15.06	15.21	835.53	632.52	640.34

<sup>1</sup> Not available.  
<sup>P</sup> = preliminary.

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

publication. All State and area data 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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July
<b>NORTHEAST</b>													
Civilian noninstitutional population <sup>2</sup> .....	39,582	39,584	39,589	39,596	39,599	39,601	39,696	39,697	39,695	39,700	39,704	39,715	39,720
Civilian labor force .....	25,567	25,622	25,525	25,562	25,527	25,469	25,464	25,379	25,622	25,410	25,250	25,488	25,708
Employed .....	23,766	23,786	23,726	23,754	23,772	23,734	23,765	23,677	23,794	23,637	23,652	23,848	24,008
Unemployed .....	1,801	1,836	1,800	1,807	1,755	1,735	1,700	1,702	1,828	1,773	1,598	1,640	1,699
Unemployment rate .....	7.0	7.2	7.1	7.1	6.9	6.8	6.7	6.7	7.1	7.0	6.3	6.4	6.6
<b>New England</b>													
Civilian noninstitutional population <sup>2</sup> .....	10,214	10,217	10,218	10,218	10,219	10,221	10,221	10,219	10,216	10,216	10,215	10,217	10,216
Civilian labor force .....	7,052	7,065	7,065	7,055	6,979	6,963	6,977	7,031	7,000	6,909	6,879	6,911	7,004
Employed .....	6,606	6,610	6,608	6,599	6,547	6,541	6,518	6,588	6,592	6,519	6,473	6,509	6,571
Unemployed .....	446	455	457	457	432	423	459	444	407	390	406	402	433
Unemployment rate .....	6.3	6.4	6.5	6.5	6.2	6.1	6.6	6.3	5.8	5.6	5.9	5.8	6.2
<b>Middle Atlantic</b>													
Civilian noninstitutional population <sup>2</sup> .....	29,341	29,345	29,351	29,358	29,363	29,366	29,475	29,476	29,479	29,484	29,488	29,498	29,504
Civilian labor force .....	18,515	18,557	18,460	18,506	18,548	16,506	18,488	18,347	18,623	18,500	18,371	18,578	18,703
Employed .....	17,160	17,178	17,118	17,155	17,225	17,193	17,247	17,089	17,202	17,117	17,179	17,339	17,437
Unemployed .....	1,355	1,381	1,342	1,351	1,323	1,313	1,241	1,258	1,421	1,383	1,191	1,239	1,266
Unemployment rate .....	7.3	7.4	7.3	7.3	7.1	7.1	6.7	6.9	7.6	7.5	6.5	6.7	6.8
<b>SOUTH</b>													
Civilian noninstitutional population <sup>2</sup> .....	66,677	66,750	66,832	66,911	66,989	67,057	68,136	68,206	68,273	68,347	68,420	68,506	68,588
Civilian labor force .....	44,120	44,288	44,224	44,400	44,577	44,587	44,907	44,682	44,688	44,983	45,136	44,935	45,094
Employed .....	41,229	41,417	41,540	41,547	41,790	41,907	42,067	42,040	41,854	42,238	42,459	42,289	42,434
Unemployed .....	2,891	2,871	2,684	2,853	2,787	2,680	2,840	2,842	2,834	2,745	2,677	2,646	2,660
Unemployment rate .....	6.6	6.5	6.1	6.4	6.3	6.0	6.3	6.3	6.3	6.1	5.9	5.9	5.9
<b>South Atlantic</b>													
Civilian noninstitutional population <sup>2</sup> .....	34,987	35,033	35,082	35,128	35,171	35,212	35,251	35,288	35,322	35,360	35,399	35,445	35,487
Civilian labor force .....	22,904	22,960	22,936	23,032	23,081	23,132	23,225	23,281	23,197	23,239	23,298	23,295	23,233
Employed .....	21,445	21,505	21,619	21,608	21,740	21,783	21,750	21,902	21,777	21,847	21,937	22,013	21,941
Unemployed .....	1,459	1,455	1,317	1,425	1,341	1,350	1,475	1,379	1,420	1,391	1,361	1,283	1,291
Unemployment rate .....	6.4	6.3	5.7	6.2	5.8	5.8	6.3	5.9	6.1	6.0	5.8	5.5	5.6
<b>East South Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	11,949	11,962	11,976	11,990	12,002	12,015	12,027	12,038	12,047	12,059	12,069	12,083	12,095
Civilian labor force .....	7,518	7,516	7,509	7,475	7,495	7,522	7,656	7,599	7,597	7,718	7,819	7,670	7,696
Employed .....	7,038	7,047	7,041	7,024	7,055	7,111	7,178	7,109	7,190	7,294	7,423	7,246	7,269
Unemployed .....	480	470	468	451	440	411	478	490	407	423	395	424	427
Unemployment rate .....	6.4	6.2	6.2	6.0	5.9	5.5	6.2	6.4	5.4	5.5	5.1	5.5	5.6
<b>West South Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	20,694	20,720	20,750	20,779	20,806	20,832	20,858	20,881	20,903	20,927	20,951	20,978	21,006
Civilian labor force .....	13,698	13,813	13,779	13,892	14,001	13,912	14,027	14,002	13,894	14,027	14,019	13,969	14,165
Employed .....	12,747	12,866	12,860	12,915	12,995	13,013	13,139	13,029	12,887	13,097	13,099	13,030	13,224
Unemployed .....	952	947	899	977	1,006	899	888	973	1,007	930	921	939	941
Unemployment rate .....	6.9	6.9	6.5	7.0	7.2	6.5	6.3	6.9	7.2	6.6	6.6	6.7	6.6

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	1993						1994						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July
<b>MIDWEST</b>													
Civilian noninstitutional population <sup>2</sup> .....	46,191	46,219	46,253	46,287	46,317	46,346	46,038	46,054	46,069	46,093	46,116	46,145	46,170
Civilian labor force .....	31,491	31,518	31,384	31,500	31,614	31,696	31,710	31,931	31,768	31,764	31,886	31,705	31,590
Employed .....	29,631	29,749	29,524	29,632	29,792	29,860	29,819	30,186	29,929	30,100	30,371	30,273	29,903
Unemployed .....	1,860	1,769	1,860	1,868	1,822	1,815	1,891	1,743	1,838	1,664	1,514	1,432	1,687
Unemployment rate .....	5.9	5.6	5.9	5.9	5.8	5.7	6.0	5.5	5.8	5.2	4.7	4.5	5.3
<b>East North Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	32,451	32,472	32,495	32,516	32,535	32,553	32,570	32,582	32,591	32,608	32,622	32,643	32,660
Civilian labor force .....	21,945	21,957	21,770	21,857	21,988	22,118	22,129	22,330	22,236	22,182	22,187	22,049	21,960
Employed .....	20,552	20,621	20,355	20,464	20,621	20,770	20,711	20,995	20,886	20,940	20,992	20,973	20,649
Unemployed .....	1,393	1,336	1,416	1,393	1,367	1,349	1,418	1,335	1,350	1,243	1,195	1,076	1,311
Unemployment rate .....	6.3	6.1	6.5	6.4	6.2	6.1	6.4	6.0	6.1	5.6	5.4	4.9	6.0
<b>West North Central</b>													
Civilian noninstitutional population <sup>2</sup> .....	13,412	13,422	13,433	13,442	13,452	13,459	13,468	13,473	13,476	13,485	13,493	13,502	13,510
Civilian labor force .....	9,546	9,561	9,614	9,643	9,626	9,577	9,581	9,601	9,532	9,582	9,698	9,656	9,630
Employed .....	9,079	9,128	9,170	9,168	9,171	9,111	9,108	9,193	9,044	9,161	9,380	9,300	9,254
Unemployed .....	467	433	444	475	455	466	473	408	488	421	319	356	377
Unemployment rate .....	4.9	4.5	4.6	4.9	4.7	4.9	4.9	4.3	5.1	4.4	3.3	3.7	3.9
<b>WEST</b>													
Civilian noninstitutional population <sup>2</sup> .....	41,184	41,240	41,297	41,357	41,415	41,469	42,083	42,133	42,175	42,222	42,271	42,327	42,381
Civilian labor force .....	27,861	27,719	27,801	27,914	27,936	28,037	28,589	28,600	28,515	28,411	28,458	28,071	28,271
Employed .....	25,540	25,527	25,582	25,723	25,848	25,997	26,302	26,433	26,456	26,218	26,390	26,000	26,187
Unemployed .....	2,321	2,193	2,219	2,191	2,088	2,041	2,287	2,167	2,059	2,193	2,068	2,071	2,084
Unemployment rate .....	8.3	7.9	8.0	7.8	7.5	7.3	8.0	7.6	7.2	7.7	7.3	7.4	7.4
<b>Mountain</b>													
Civilian noninstitutional population <sup>2</sup> .....	10,936	10,962	10,991	11,019	11,045	11,071	11,096	11,123	11,146	11,170	11,195	11,222	11,251
Civilian labor force .....	7,385	7,416	7,386	7,432	7,472	7,487	7,622	7,794	7,802	7,800	7,767	7,637	7,699
Employed .....	6,979	6,988	6,956	7,009	7,055	7,107	7,232	7,394	7,408	7,392	7,348	7,229	7,290
Unemployed .....	405	428	429	424	417	380	390	400	395	408	419	407	409
Unemployment rate .....	5.5	5.8	5.8	5.7	5.6	5.1	5.1	5.1	5.1	5.2	5.4	5.3	5.3
<b>Pacific</b>													
Civilian noninstitutional population <sup>2</sup> .....	30,820	30,849	30,880	30,909	30,937	30,963	30,987	31,010	31,029	31,052	31,075	31,105	31,130
Civilian labor force .....	20,476	20,304	20,415	20,482	20,464	20,550	20,967	20,806	20,713	20,611	20,691	20,434	20,572
Employed .....	18,560	18,539	18,626	18,714	18,793	18,889	19,070	19,038	19,049	18,826	19,042	18,770	18,897
Unemployed .....	1,916	1,765	1,790	1,767	1,671	1,661	1,897	1,767	1,664	1,785	1,649	1,664	1,675
Unemployment rate .....	9.4	8.7	8.8	8.6	8.2	8.1	9.0	8.5	8.0	8.7	8.0	8.1	8.1

<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 for 1994 are not directly comparable with data for 1993 and earlier years. For additional information, see "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of *Employment and Earnings*.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>P</sup>
<b>Alabama</b>													
Civilian labor force .....	1,993.0	1,998.0	1,993.4	1,993.0	1,997.2	1,999.2	1,995.1	2,010.1	1,987.0	1,979.6	1,974.0	2,008.8	2,007.0
Employed .....	1,840.9	1,840.2	1,840.3	1,840.7	1,845.0	1,847.1	1,847.4	1,846.9	1,848.8	1,851.4	1,859.5	1,891.1	1,889.8
Unemployed .....	152.1	157.8	153.1	152.4	152.2	152.1	147.7	163.2	138.2	128.2	114.5	117.7	117.2
Unemployment rate .....	7.6	7.9	7.7	7.6	7.6	7.6	7.4	8.1	7.0	6.5	5.8	5.9	5.8
<b>Alaska</b>													
Civilian labor force .....	299.1	298.5	298.6	300.5	300.7	302.3	302.0	308.0	311.3	309.7	309.3	309.5	310.0
Employed .....	276.1	276.1	276.8	278.1	278.1	279.6	279.3	281.5	285.7	284.2	283.5	283.8	285.9
Unemployed .....	23.0	22.4	21.8	22.4	22.5	22.7	22.7	26.5	25.6	25.6	25.8	25.7	24.1
Unemployment rate .....	7.7	7.5	7.3	7.5	7.5	7.5	7.5	8.6	8.2	8.3	8.3	8.3	7.8
<b>Arizona</b>													
Civilian labor force .....	1,831.5	1,835.8	1,841.5	1,848.2	1,851.5	1,852.7	1,858.4	1,929.4	1,963.6	1,996.2	2,006.9	2,003.8	1,986.1
Employed .....	1,721.9	1,727.6	1,732.5	1,738.0	1,739.5	1,740.9	1,746.2	1,833.9	1,861.4	1,886.7	1,894.1	1,885.4	1,860.5
Unemployed .....	109.6	108.2	109.0	110.2	112.0	111.8	112.2	95.5	102.2	109.5	112.8	118.5	125.6
Unemployment rate .....	6.0	5.9	5.9	6.0	6.1	6.0	6.0	5.0	5.2	5.5	5.6	5.9	6.3
<b>Arkansas</b>													
Civilian labor force .....	1,162.3	1,163.7	1,164.9	1,165.7	1,166.8	1,168.0	1,166.5	1,200.3	1,199.2	1,199.3	1,208.8	1,207.9	1,203.5
Employed .....	1,090.7	1,092.8	1,093.7	1,094.6	1,095.9	1,097.5	1,097.6	1,133.2	1,136.5	1,139.3	1,146.8	1,141.4	1,134.1
Unemployed .....	71.6	70.9	71.2	71.1	70.9	70.5	69.0	67.2	62.7	60.0	61.9	66.5	69.4
Unemployment rate .....	6.2	6.1	6.1	6.1	6.1	6.0	5.9	5.6	5.2	5.0	5.1	5.5	5.8
<b>California<sup>1</sup></b>													
Civilian labor force .....	15,184.4	15,296.9	15,153.9	15,218.7	15,314.8	15,209.0	15,215.8	15,625.6	15,596.9	15,547.2	15,559.5	15,513.2	15,199.8
Employed .....	13,793.8	13,829.4	13,771.4	13,808.6	13,836.5	13,860.6	13,884.0	14,040.7	14,189.6	14,205.0	14,066.5	14,224.9	13,931.2
Unemployed .....	1,390.6	1,467.5	1,382.5	1,410.1	1,478.3	1,348.4	1,331.8	1,584.9	1,407.2	1,342.2	1,493.0	1,288.3	1,268.6
Unemployment rate .....	9.2	9.6	9.1	9.3	9.7	8.9	8.8	10.1	9.0	8.6	9.6	8.3	8.3
<b>Colorado</b>													
Civilian labor force .....	1,898.8	1,909.9	1,913.4	1,913.8	1,929.1	1,943.7	1,954.3	1,968.0	1,968.4	1,958.3	1,958.6	1,969.3	1,962.0
Employed .....	1,801.2	1,813.9	1,817.2	1,817.9	1,832.1	1,846.7	1,858.1	1,855.2	1,858.1	1,856.2	1,853.3	1,866.2	1,867.8
Unemployed .....	97.6	96.1	96.2	96.0	97.0	97.0	96.2	112.8	110.3	102.0	105.3	103.1	94.2
Unemployment rate .....	5.1	5.0	5.0	5.0	5.0	5.0	4.9	5.7	5.6	5.2	5.4	5.2	4.8
<b>Connecticut</b>													
Civilian labor force .....	1,790.2	1,788.4	1,787.3	1,784.4	1,785.6	1,782.4	1,779.2	1,796.6	1,820.8	1,806.0	1,787.9	1,767.6	1,760.9
Employed .....	1,678.1	1,678.6	1,676.9	1,674.6	1,676.5	1,675.6	1,674.4	1,716.2	1,729.3	1,712.7	1,698.1	1,675.4	1,671.5
Unemployed .....	112.1	109.8	110.4	109.8	109.1	106.8	104.8	80.4	91.5	93.3	89.8	92.2	89.4
Unemployment rate .....	6.3	6.1	6.2	6.2	6.1	6.0	5.9	4.5	5.0	5.2	5.0	5.2	5.1
<b>Delaware</b>													
Civilian labor force .....	374.2	375.1	375.3	376.6	376.6	376.9	377.8	371.3	379.6	382.4	382.2	387.5	387.8
Employed .....	354.7	354.7	354.5	355.2	355.2	354.9	355.1	351.7	360.5	362.5	361.0	367.2	369.4
Unemployed .....	19.5	20.4	20.8	21.4	21.4	22.0	22.7	19.5	19.0	19.9	21.2	20.3	18.5
Unemployment rate .....	5.2	5.4	5.5	5.7	5.7	5.8	6.0	5.3	5.0	5.2	5.5	5.2	4.8
<b>District of Columbia</b>													
Civilian labor force .....	303.8	306.1	305.9	309.2	308.8	308.5	309.8	315.7	298.4	299.6	303.1	300.4	302.2
Employed .....	277.9	279.9	279.6	283.6	283.0	282.9	284.3	281.4	270.5	270.4	280.7	277.7	278.2
Unemployed .....	25.9	26.2	26.4	25.6	25.7	25.7	25.4	34.3	27.9	29.2	22.4	22.6	24.0
Unemployment rate .....	8.5	8.6	8.6	8.3	8.3	8.3	8.2	10.9	9.3	9.8	7.4	7.5	8.0
<b>Florida<sup>1</sup></b>													
Civilian labor force .....	6,697.4	6,616.3	6,533.6	6,599.3	6,574.7	6,689.1	6,741.5	6,798.4	6,692.1	6,761.6	6,759.3	6,779.4	6,743.7
Employed .....	6,227.7	6,155.3	6,073.1	6,163.5	6,120.0	6,244.6	6,277.3	6,286.1	6,308.7	6,266.0	6,257.3	6,313.1	6,328.0
Unemployed .....	469.7	461.0	460.5	435.8	454.7	444.5	464.2	512.3	383.4	495.6	502.0	466.3	415.6
Unemployment rate .....	7.0	7.0	7.0	6.6	6.9	6.6	6.9	7.5	5.7	7.3	7.4	6.9	6.2

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>P</sup>
<b>Georgia</b>													
Civilian labor force .....	3,459.5	3,475.1	3,488.2	3,503.2	3,518.9	3,526.2	3,531.5	3,583.8	3,604.0	3,593.3	3,582.2	3,562.5	3,615.3
Employed .....	3,261.2	3,275.6	3,288.4	3,302.0	3,316.0	3,325.2	3,332.1	3,325.3	3,374.5	3,373.4	3,382.1	3,373.8	3,424.2
Unemployed .....	198.3	199.5	199.7	201.2	202.9	201.0	199.4	258.5	229.6	219.9	200.1	188.8	191.1
Unemployment rate .....	5.7	5.7	5.7	5.7	5.8	5.7	5.6	7.2	6.4	6.1	5.6	5.3	5.3
<b>Hawaii</b>													
Civilian labor force .....	582.9	583.1	582.7	582.1	583.4	583.3	583.3	605.3	597.7	593.7	601.6	599.5	593.6
Employed .....	558.3	558.7	558.6	559.0	560.3	559.6	559.4	577.3	569.0	562.5	568.1	567.4	561.7
Unemployed .....	24.6	24.4	24.1	23.1	23.1	23.7	24.0	28.0	28.7	31.2	33.5	32.0	31.9
Unemployment rate .....	4.2	4.2	4.1	4.0	4.0	4.1	4.1	4.6	4.8	5.3	5.6	5.3	5.4
<b>Idaho</b>													
Civilian labor force .....	545.4	547.8	548.3	550.0	551.3	551.8	553.7	580.3	591.5	595.7	596.7	594.4	593.6
Employed .....	511.2	514.9	515.5	517.1	518.3	520.0	521.2	551.3	560.4	564.6	569.0	566.2	562.9
Unemployed .....	34.2	32.9	32.8	32.9	33.1	31.8	32.4	29.0	31.1	31.1	27.7	28.2	30.7
Unemployment rate .....	6.3	6.0	6.0	6.0	6.0	5.8	5.9	5.0	5.3	5.2	4.6	4.7	5.2
<b>Illinois<sup>1</sup></b>													
Civilian labor force .....	6,012.4	6,006.2	6,012.5	5,964.0	5,963.5	5,998.8	6,032.9	5,998.6	6,016.6	6,029.7	6,075.7	6,058.6	6,036.0
Employed .....	5,542.3	5,564.1	5,554.2	5,480.3	5,518.1	5,640.0	5,675.2	5,600.1	5,633.5	5,667.2	5,740.2	5,709.5	5,745.2
Unemployed .....	470.1	442.1	458.3	483.7	445.4	358.8	357.7	398.5	383.1	362.5	335.5	349.1	290.8
Unemployment rate .....	7.8	7.4	7.6	8.1	7.5	6.0	5.9	6.6	6.4	6.0	5.5	5.8	4.8
<b>Indiana</b>													
Civilian labor force .....	2,929.7	2,948.5	2,955.3	2,961.8	2,978.6	2,991.6	3,001.9	2,992.6	3,013.3	3,007.1	2,998.0	3,018.7	3,002.8
Employed .....	2,772.7	2,797.6	2,805.8	2,812.4	2,827.1	2,840.6	2,849.4	2,824.8	2,861.2	2,853.1	2,850.4	2,874.4	2,862.2
Unemployed .....	157.0	151.0	149.5	149.4	151.5	151.1	152.5	167.8	152.1	154.0	147.5	144.3	140.6
Unemployment rate .....	5.4	5.1	5.1	5.0	5.1	5.0	5.1	5.6	5.0	5.1	4.9	4.8	4.7
<b>Iowa</b>													
Civilian labor force .....	1,561.2	1,560.0	1,559.7	1,560.2	1,560.2	1,558.2	1,554.8	1,552.1	1,565.9	1,541.6	1,524.5	1,549.5	1,558.6
Employed .....	1,499.2	1,491.8	1,498.3	1,499.6	1,501.5	1,500.4	1,498.0	1,479.8	1,500.9	1,485.9	1,470.0	1,493.9	1,504.4
Unemployed .....	62.0	68.2	61.4	60.7	58.7	57.8	56.8	72.3	65.0	55.6	54.5	55.5	54.1
Unemployment rate .....	4.0	4.4	3.9	3.9	3.8	3.7	3.7	4.7	4.2	3.6	3.6	3.6	3.5
<b>Kansas</b>													
Civilian labor force .....	1,320.4	1,320.1	1,318.0	1,319.5	1,321.5	1,320.8	1,321.8	1,335.8	1,327.7	1,336.9	1,347.8	1,356.7	1,347.9
Employed .....	1,252.8	1,252.4	1,250.9	1,252.6	1,254.1	1,253.9	1,255.8	1,249.3	1,255.4	1,259.3	1,267.4	1,290.9	1,282.3
Unemployed .....	67.6	67.7	67.0	66.9	67.4	66.8	66.0	86.4	72.2	77.6	80.4	65.9	65.6
Unemployment rate .....	5.1	5.1	5.1	5.1	5.1	5.1	5.0	6.5	5.4	5.8	6.0	4.9	4.9
<b>Kentucky</b>													
Civilian labor force .....	1,797.8	1,798.6	1,797.2	1,792.8	1,789.3	1,788.5	1,785.8	1,809.2	1,814.8	1,801.5	1,792.1	1,804.2	1,792.3
Employed .....	1,685.2	1,688.0	1,686.4	1,684.9	1,682.3	1,682.2	1,682.5	1,728.0	1,715.2	1,714.8	1,704.0	1,718.4	1,706.0
Unemployed .....	112.6	110.6	110.9	107.9	107.0	106.3	103.3	81.3	99.6	86.8	88.1	85.8	86.3
Unemployment rate .....	6.3	6.2	6.2	6.0	6.0	5.9	5.8	4.5	5.5	4.8	4.9	4.8	4.8
<b>Louisiana</b>													
Civilian labor force .....	1,871.0	1,867.2	1,869.9	1,868.3	1,871.4	1,879.7	1,876.8	1,924.4	1,925.0	1,892.5	1,917.8	1,937.0	1,917.0
Employed .....	1,736.6	1,734.7	1,736.4	1,734.5	1,731.2	1,734.3	1,735.9	1,761.3	1,775.7	1,738.6	1,757.2	1,783.1	1,771.2
Unemployed .....	134.4	132.6	133.5	133.8	140.2	145.3	140.9	163.2	149.3	153.9	160.6	153.9	145.8
Unemployment rate .....	7.2	7.1	7.1	7.2	7.5	7.7	7.5	8.5	7.8	8.1	8.4	7.9	7.6
<b>Maine</b>													
Civilian labor force .....	631.4	628.1	629.4	627.8	627.6	626.5	624.4	628.0	632.5	625.1	619.6	611.9	611.5
Employed .....	580.4	578.0	577.1	575.2	575.9	575.1	574.7	568.6	585.5	582.2	579.8	576.6	573.5
Unemployed .....	51.0	50.1	52.3	52.6	51.6	51.4	49.7	59.4	47.0	42.9	39.8	35.2	38.0
Unemployment rate .....	8.1	8.0	8.3	8.4	8.2	8.2	8.0	9.5	7.4	6.9	6.4	5.8	6.2

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>P</sup>
<b>Maryland</b>													
Civilian labor force .....	2,666.4	2,669.1	2,671.9	2,674.4	2,680.8	2,680.4	2,682.8	2,689.9	2,698.7	2,661.7	2,645.0	2,658.8	2,664.5
Employed .....	2,499.4	2,502.0	2,504.7	2,509.6	2,517.2	2,518.4	2,521.1	2,523.7	2,535.7	2,511.0	2,502.7	2,514.8	2,525.4
Unemployed .....	167.0	167.0	167.2	164.8	163.6	161.9	161.7	166.2	163.0	150.7	142.3	144.0	139.0
Unemployment rate .....	6.3	6.3	6.3	6.2	6.1	6.0	6.0	6.2	6.0	5.7	5.4	5.4	5.2
<b>Massachusetts<sup>1</sup></b>													
Civilian labor force .....	3,158.8	3,148.2	3,170.4	3,185.0	3,191.2	3,175.4	3,161.7	3,172.0	3,130.2	3,141.6	3,127.3	3,155.5	3,158.3
Employed .....	2,957.9	2,944.2	2,952.5	2,962.7	2,976.9	2,971.7	2,965.8	2,943.8	2,930.4	2,956.6	2,937.1	2,972.5	2,969.2
Unemployed .....	200.9	204.0	217.9	222.3	214.9	203.7	195.9	228.2	199.9	185.0	190.2	183.0	189.1
Unemployment rate .....	6.4	6.5	6.9	7.0	6.7	6.4	6.2	7.2	6.4	5.9	6.1	5.8	6.0
<b>Michigan<sup>1</sup></b>													
Civilian labor force .....	4,749.4	4,743.6	4,728.9	4,717.0	4,736.6	4,713.9	4,748.2	4,803.2	4,796.0	4,752.8	4,817.9	4,769.1	4,735.6
Employed .....	4,406.6	4,402.7	4,412.9	4,396.4	4,409.5	4,383.2	4,399.3	4,440.6	4,416.3	4,445.0	4,541.5	4,498.7	4,480.0
Unemployed .....	342.8	340.9	316.0	320.6	327.1	330.7	348.9	362.6	379.8	307.7	276.4	270.5	255.6
Unemployment rate .....	7.2	7.2	6.7	6.8	6.9	7.0	7.3	7.5	7.9	6.5	5.7	5.7	5.4
<b>Minnesota</b>													
Civilian labor force .....	2,463.6	2,465.5	2,469.5	2,475.1	2,475.9	2,483.4	2,487.0	2,539.6	2,582.2	2,545.2	2,562.9	2,594.2	2,550.1
Employed .....	2,335.8	2,340.5	2,343.8	2,349.8	2,350.6	2,361.6	2,367.1	2,426.3	2,475.0	2,436.3	2,455.3	2,504.0	2,459.3
Unemployed .....	127.7	125.0	125.6	125.3	125.3	121.8	119.8	113.3	107.3	108.9	107.6	90.3	90.8
Unemployment rate .....	5.2	5.1	5.1	5.1	5.1	4.9	4.8	4.5	4.2	4.3	4.2	3.5	3.6
<b>Mississippi</b>													
Civilian labor force .....	1,213.9	1,209.1	1,214.7	1,219.4	1,222.5	1,221.6	1,221.9	1,226.5	1,216.3	1,215.2	1,229.2	1,240.0	1,243.4
Employed .....	1,138.3	1,137.5	1,141.1	1,143.4	1,145.9	1,146.2	1,147.6	1,141.8	1,131.3	1,130.9	1,140.0	1,150.0	1,162.1
Unemployed .....	75.5	71.6	73.6	76.0	76.7	75.4	74.3	84.7	85.0	84.2	89.2	90.0	81.3
Unemployment rate .....	6.2	5.9	6.1	6.2	6.3	6.2	6.1	6.9	7.0	6.9	7.3	7.3	6.5
<b>Missouri</b>													
Civilian labor force .....	2,647.6	2,646.6	2,646.9	2,651.6	2,657.3	2,658.4	2,660.8	2,667.4	2,637.8	2,643.8	2,646.8	2,643.9	2,654.0
Employed .....	2,476.7	2,474.9	2,474.4	2,478.3	2,483.3	2,485.2	2,488.1	2,523.8	2,495.1	2,488.8	2,515.3	2,511.0	2,533.2
Unemployed .....	170.8	171.7	172.5	173.3	173.9	173.1	172.7	143.5	142.7	155.0	131.6	132.9	120.8
Unemployment rate .....	6.5	6.5	6.5	6.5	6.5	6.5	6.5	5.4	5.4	5.9	5.0	5.0	4.5
<b>Montana</b>													
Civilian labor force .....	427.4	429.0	429.0	428.1	430.0	425.2	430.1	434.8	433.9	437.2	440.5	438.5	436.7
Employed .....	401.3	402.5	403.1	402.8	404.5	399.8	404.8	410.4	410.6	414.8	417.3	418.0	418.8
Unemployed .....	26.1	26.4	25.8	25.3	25.5	25.3	25.3	24.4	23.2	22.3	23.2	20.5	17.9
Unemployment rate .....	6.1	6.2	6.0	5.9	5.9	6.0	5.9	5.6	5.4	5.1	5.3	4.7	4.1
<b>Nebraska</b>													
Civilian labor force .....	851.1	852.2	855.1	856.5	859.8	860.6	862.1	890.7	899.2	892.2	881.7	883.6	874.9
Employed .....	829.0	831.0	834.1	835.9	839.0	840.5	841.6	868.5	873.7	863.9	855.3	856.1	847.6
Unemployed .....	22.2	21.3	21.0	20.5	20.8	20.1	20.4	22.3	25.5	28.3	26.4	27.6	27.3
Unemployment rate .....	2.6	2.5	2.5	2.4	2.4	2.3	2.4	2.5	2.8	3.2	3.0	3.1	3.1
<b>Nevada</b>													
Civilian labor force .....	746.6	748.9	750.9	751.6	757.2	760.2	764.7	768.1	779.4	780.2	779.2	772.2	775.1
Employed .....	691.5	693.7	695.5	695.8	701.4	704.8	709.0	729.4	741.4	741.1	738.0	730.5	731.0
Unemployed .....	55.1	55.3	55.4	55.8	55.9	55.3	55.7	38.8	38.0	39.1	41.2	41.7	44.1
Unemployment rate .....	7.4	7.4	7.4	7.4	7.4	7.3	7.3	5.0	4.9	5.0	5.3	5.4	5.7
<b>New Hampshire</b>													
Civilian labor force .....	618.9	619.4	620.7	622.3	623.2	622.7	621.5	627.0	618.2	625.7	623.5	617.0	621.5
Employed .....	578.9	579.8	581.1	582.0	583.2	583.8	583.8	596.8	585.0	596.9	594.6	587.4	592.2
Unemployed .....	40.0	39.6	39.5	40.3	40.0	38.8	37.7	30.2	33.2	28.8	28.9	29.5	29.3
Unemployment rate .....	6.5	6.4	6.4	6.5	6.4	6.2	6.1	4.8	5.4	4.6	4.6	4.8	4.7

See footnotes at end of table.



**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>P</sup>
<b>New Jersey<sup>1</sup></b>													
Civilian labor force .....	4,019.7	3,984.4	4,007.8	3,988.3	3,992.3	4,042.7	4,018.9	4,065.7	4,029.6	4,022.9	3,967.1	3,928.2	4,007.6
Employed .....	3,737.5	3,704.7	3,725.9	3,683.3	3,723.3	3,786.1	3,736.6	3,787.7	3,735.0	3,703.8	3,680.7	3,655.9	3,723.8
Unemployed .....	282.2	279.7	281.9	305.0	269.0	256.6	282.3	278.0	294.7	319.1	286.5	272.2	283.8
Unemployment rate .....	7.0	7.0	7.0	7.6	6.7	6.3	7.0	6.8	7.3	7.9	7.2	6.9	7.1
<b>New Mexico</b>													
Civilian labor force .....	758.7	759.3	758.6	760.1	762.2	760.0	761.5	782.5	780.4	775.2	786.9	785.1	779.9
Employed .....	699.8	700.3	699.7	701.5	703.8	702.9	704.8	736.7	740.2	734.7	745.9	741.8	741.1
Unemployed .....	58.9	59.0	58.8	58.5	58.5	57.1	56.7	45.8	40.2	40.5	41.0	43.2	38.9
Unemployment rate .....	7.8	7.8	7.8	7.7	7.7	7.5	7.4	5.9	5.2	5.2	5.2	5.5	5.0
<b>New York<sup>1</sup></b>													
Civilian labor force .....	8,620.1	8,627.6	8,620.2	8,556.8	8,624.7	8,605.8	8,597.0	8,621.7	8,578.2	8,686.4	8,652.3	8,524.5	8,600.6
Employed .....	7,960.6	7,975.0	7,949.7	7,928.0	7,954.1	7,954.7	7,943.3	8,007.7	7,906.5	7,986.9	7,946.8	7,970.2	7,999.8
Unemployed .....	659.5	652.6	670.5	628.8	670.6	651.1	653.7	614.0	671.7	699.5	705.5	554.4	600.8
Unemployment rate .....	7.7	7.6	7.8	7.3	7.8	7.6	7.6	7.1	7.8	8.1	8.2	6.5	7.0
<b>North Carolina<sup>1</sup></b>													
Civilian labor force .....	3,565.4	3,540.9	3,520.6	3,523.8	3,547.6	3,553.6	3,565.2	3,558.5	3,586.8	3,572.5	3,587.4	3,588.8	3,560.3
Employed .....	3,374.7	3,375.9	3,359.8	3,371.8	3,384.1	3,409.5	3,417.4	3,417.6	3,401.6	3,416.8	3,448.9	3,443.5	3,429.3
Unemployed .....	190.7	165.0	160.8	152.0	163.5	144.1	147.8	140.9	185.2	155.7	138.5	145.3	131.1
Unemployment rate .....	5.3	4.7	4.6	4.3	4.6	4.1	4.1	4.0	5.2	4.4	3.9	4.0	3.7
<b>North Dakota</b>													
Civilian labor force .....	318.8	319.9	320.1	320.9	321.4	321.4	321.7	332.5	332.7	332.3	331.4	334.5	334.0
Employed .....	304.6	305.9	306.2	306.9	307.2	307.7	307.7	316.7	317.6	316.4	318.7	322.3	321.4
Unemployed .....	14.1	13.9	13.9	14.0	14.1	13.7	14.0	15.8	15.1	16.0	12.7	12.2	12.6
Unemployment rate .....	4.4	4.4	4.3	4.4	4.4	4.3	4.4	4.7	4.5	4.8	3.8	3.7	3.8
<b>Ohio<sup>1</sup></b>													
Civilian labor force .....	5,469.5	5,494.4	5,494.6	5,459.5	5,474.7	5,511.9	5,550.6	5,513.2	5,609.5	5,595.4	5,548.1	5,598.2	5,545.7
Employed .....	5,137.2	5,125.8	5,184.0	5,071.5	5,117.6	5,153.2	5,202.6	5,178.0	5,315.3	5,286.2	5,197.4	5,234.6	5,239.6
Unemployed .....	332.3	368.6	310.6	388.0	357.1	358.7	348.0	335.2	294.2	329.2	350.7	363.6	306.1
Unemployment rate .....	6.1	6.7	5.7	7.1	6.5	6.5	6.3	6.1	5.2	5.9	6.3	6.5	5.5
<b>Oklahoma</b>													
Civilian labor force .....	1,524.0	1,534.0	1,528.0	1,519.5	1,523.5	1,523.8	1,524.7	1,580.6	1,577.0	1,563.0	1,564.7	1,565.5	1,542.4
Employed .....	1,430.7	1,440.3	1,434.2	1,426.5	1,429.1	1,430.1	1,432.4	1,478.9	1,467.9	1,458.1	1,461.5	1,469.9	1,451.0
Unemployed .....	93.3	93.6	93.8	93.0	94.3	93.7	92.3	101.7	109.1	104.9	103.2	95.5	91.4
Unemployment rate .....	6.1	6.1	6.1	6.1	6.2	6.1	6.1	6.4	6.9	6.7	6.6	6.1	5.9
<b>Oregon</b>													
Civilian labor force .....	1,585.5	1,588.6	1,591.0	1,595.1	1,602.6	1,613.4	1,613.8	1,608.6	1,604.8	1,606.2	1,607.4	1,642.4	1,652.1
Employed .....	1,469.6	1,472.3	1,476.7	1,483.7	1,493.2	1,504.9	1,505.9	1,493.1	1,490.2	1,507.7	1,512.8	1,547.0	1,555.5
Unemployed .....	115.9	116.3	114.3	111.4	109.4	108.6	108.0	115.5	114.6	100.5	94.6	95.3	96.6
Unemployment rate .....	7.3	7.3	7.2	7.0	6.8	6.7	6.7	7.2	7.1	6.3	5.9	5.8	5.8
<b>Pennsylvania<sup>1</sup></b>													
Civilian labor force .....	5,870.8	5,903.2	5,928.7	5,915.2	5,889.1	5,699.4	5,889.6	5,800.2	5,739.6	5,913.6	5,880.9	5,918.0	5,969.5
Employed .....	5,460.8	5,480.3	5,500.4	5,506.6	5,477.9	5,484.1	5,513.3	5,451.2	5,447.7	5,511.1	5,490.0	5,553.1	5,615.3
Unemployed .....	410.0	422.9	428.3	408.6	411.2	415.3	376.5	349.1	292.0	402.5	390.9	364.9	354.2
Unemployment rate .....	7.0	7.2	7.2	6.9	7.0	7.0	6.4	6.0	5.1	6.8	6.6	6.2	5.9
<b>Rhode Island</b>													
Civilian labor force .....	512.7	511.3	511.0	509.7	509.7	510.3	509.8	523.7	514.9	510.3	497.3	498.6	503.8
Employed .....	473.0	473.1	472.3	470.5	469.4	469.4	468.6	468.8	475.8	471.7	466.5	467.8	471.2
Unemployed .....	39.7	38.2	38.8	39.2	40.3	40.9	41.2	54.9	39.1	38.6	30.8	30.8	32.6
Unemployment rate .....	7.7	7.5	7.6	7.7	7.9	8.0	8.1	10.5	7.6	7.6	6.2	6.2	6.5

See footnotes at end of table.

**STATE LABOR FORCE DATA  
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June <sup>p</sup>
<b>South Carolina</b>													
Civilian labor force .....	1,828.0	1,828.2	1,829.5	1,828.7	1,830.2	1,828.0	1,829.6	1,792.2	1,830.7	1,813.0	1,821.5	1,821.4	1,820.4
Employed .....	1,685.4	1,684.6	1,686.1	1,686.2	1,689.2	1,687.2	1,688.8	1,688.9	1,712.3	1,691.9	1,693.9	1,705.4	1,710.6
Unemployed .....	142.6	143.6	143.5	142.5	141.0	140.8	140.8	103.2	118.5	121.0	127.7	116.0	109.8
Unemployment rate .....	7.8	7.9	7.8	7.8	7.7	7.7	7.7	5.8	6.5	6.7	7.0	6.4	6.0
<b>South Dakota</b>													
Civilian labor force .....	359.1	359.5	359.9	360.3	360.6	361.3	361.2	362.3	367.8	369.6	369.2	371.2	371.3
Employed .....	347.0	347.4	347.9	348.2	348.8	349.4	349.1	354.1	357.6	358.5	358.8	360.4	360.0
Unemployed .....	12.1	12.1	12.0	12.1	11.8	11.9	12.1	8.2	10.3	11.0	10.4	10.7	11.3
Unemployment rate .....	3.4	3.4	3.3	3.4	3.3	3.3	3.4	2.3	2.8	3.0	2.8	2.9	3.1
<b>Tennessee</b>													
Civilian labor force .....	2,502.7	2,507.5	2,508.8	2,510.3	2,516.5	2,516.7	2,515.2	2,596.2	2,597.6	2,611.4	2,641.3	2,643.7	2,623.9
Employed .....	2,356.4	2,363.9	2,366.3	2,370.3	2,378.5	2,380.5	2,382.6	2,449.7	2,445.7	2,471.6	2,518.1	2,526.7	2,502.9
Unemployed .....	146.3	143.6	142.5	140.0	138.0	136.1	132.6	148.5	151.8	139.8	123.2	117.1	121.0
Unemployment rate .....	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.6	5.8	5.4	4.7	4.4	4.6
<b>Texas<sup>1</sup></b>													
Civilian labor force .....	9,079.4	9,147.7	9,213.6	9,254.2	9,339.4	9,359.1	9,301.4	9,314.7	9,307.3	9,317.2	9,354.3	9,372.4	9,414.5
Employed .....	8,436.8	8,494.9	8,555.8	8,629.8	8,665.2	8,718.1	8,690.7	8,759.8	8,681.5	8,623.4	8,761.4	8,745.3	8,780.6
Unemployed .....	642.6	652.8	657.8	624.4	674.2	641.0	610.7	555.0	645.8	693.8	592.9	627.1	634.0
Unemployment rate .....	7.1	7.1	7.1	6.7	7.2	6.8	6.6	6.0	6.9	7.4	6.3	6.7	6.7
<b>Utah</b>													
Civilian labor force .....	909.3	914.7	919.1	922.9	927.0	930.5	933.2	963.3	972.8	980.4	979.1	984.7	983.4
Employed .....	873.5	879.8	884.5	888.8	893.7	897.9	901.5	932.7	939.7	946.7	944.5	948.1	950.5
Unemployed .....	35.8	34.9	34.7	34.1	33.2	32.6	31.7	30.5	33.2	33.7	34.6	36.6	33.0
Unemployment rate .....	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.2	3.4	3.4	3.5	3.7	3.4
<b>Vermont</b>													
Civilian labor force .....	317.2	315.6	315.5	316.6	317.8	317.9	317.1	306.9	311.4	317.2	315.6	310.4	309.3
Employed .....	300.5	298.9	298.9	299.9	301.1	301.7	301.1	292.2	295.5	301.8	302.9	296.8	297.0
Unemployed .....	16.7	16.7	16.7	16.7	16.6	16.2	16.0	14.7	15.9	15.4	12.7	13.6	12.3
Unemployment rate .....	5.3	5.3	5.3	5.3	5.2	5.1	5.0	4.8	5.1	4.8	4.0	4.4	4.0
<b>Virginia</b>													
Civilian labor force .....	3,371.1	3,372.3	3,374.6	3,375.2	3,375.4	3,383.8	3,386.5	3,395.7	3,390.0	3,398.3	3,452.3	3,448.7	3,401.4
Employed .....	3,202.9	3,206.9	3,209.1	3,211.4	3,215.2	3,223.0	3,228.3	3,231.1	3,216.8	3,233.3	3,273.5	3,264.1	3,226.8
Unemployed .....	168.2	165.4	165.4	163.8	160.2	160.8	158.3	164.6	173.2	165.1	178.8	184.6	174.6
Unemployment rate .....	5.0	4.9	4.9	4.9	4.7	4.8	4.7	4.8	5.1	4.9	5.2	5.4	5.1
<b>Washington</b>													
Civilian labor force .....	2,687.6	2,689.3	2,690.9	2,703.0	2,711.3	2,713.3	2,723.6	2,800.6	2,761.8	2,743.1	2,711.4	2,696.0	2,715.3
Employed .....	2,483.8	2,485.2	2,488.5	2,502.1	2,511.0	2,518.6	2,524.8	2,647.2	2,589.8	2,564.7	2,548.7	2,526.5	2,538.8
Unemployed .....	203.8	204.1	202.4	200.9	200.3	196.7	198.8	153.4	172.0	178.4	162.7	169.5	176.5
Unemployment rate .....	7.6	7.6	7.5	7.4	7.4	7.3	7.3	5.5	6.2	6.5	6.0	6.3	6.5
<b>West Virginia</b>													
Civilian labor force .....	786.7	783.0	791.4	793.0	794.6	798.1	795.3	772.6	773.4	777.4	770.9	776.5	784.5
Employed .....	699.8	699.1	706.9	709.7	711.6	713.8	714.5	687.8	690.8	698.2	702.6	706.6	709.6
Unemployed .....	86.9	83.9	84.5	83.4	83.0	82.5	80.8	84.7	82.5	79.3	68.3	69.9	75.0
Unemployment rate .....	11.0	10.7	10.7	10.5	10.4	10.4	10.2	11.0	10.7	10.2	8.9	9.0	9.6
<b>Wisconsin</b>													
Civilian labor force .....	2,713.6	2,717.0	2,718.2	2,723.2	2,729.2	2,735.6	2,743.2	2,799.1	2,844.3	2,826.7	2,802.4	2,788.4	2,806.4
Employed .....	2,583.7	2,588.7	2,591.0	2,598.2	2,603.0	2,605.9	2,611.0	2,672.3	2,700.5	2,691.1	2,669.3	2,671.7	2,685.7
Unemployed .....	129.9	128.4	127.2	125.1	126.2	129.7	132.2	126.8	143.7	135.7	133.0	116.7	120.8
Unemployment rate .....	4.8	4.7	4.7	4.6	4.6	4.7	4.8	4.5	5.1	4.8	4.7	4.2	4.3
<b>Wyoming</b>													
Civilian labor force .....	238.7	239.2	238.6	239.3	240.0	239.9	240.9	252.5	250.7	250.7	249.1	249.7	249.4
Employed .....	225.7	225.9	225.4	226.5	228.9	226.8	227.7	231.9	233.8	234.5	232.5	234.7	234.4
Unemployed .....	13.0	13.3	13.2	12.9	13.2	13.1	13.2	20.5	16.9	16.2	16.6	15.0	15.0
Unemployment rate .....	5.5	5.5	5.6	5.4	5.5	5.4	5.5	8.1	6.7	6.5	6.7	6.0	6.0

<sup>1</sup> Data are obtained directly from the Current Population Survey (CPS). See the Explanatory Notes And Estimates of Error Section for Region, State, and Area Labor Force Data.

<sup>p</sup> = preliminary.

NOTE: Data refer to place of residence. Data, beginning 1994, are not directly

comparable with those for 1993 and prior years as a result of the redesign of the CPS. In addition, data comparisons are affected by the incorporation of 1990 census-based population controls (covering the 1990-93 period) and other methodological changes. For additional information, see "Revisions in State and Area Estimates Effective January 1994" in the March 1994 issue of *Employment and Earnings*.

**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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Alabama</b> .....	2,017.8	2,004.3	2,032.1	168.5	107.7	134.0	8.4	5.4	6.6
Birmingham .....	426.0	428.3	432.3	27.1	17.0	20.4	6.4	4.0	4.7
Huntsville .....	162.7	159.6	160.0	11.1	7.1	8.9	6.8	4.5	5.6
Mobile .....	245.7	245.1	249.9	22.1	14.0	17.9	9.0	5.7	7.2
Montgomery .....	147.4	148.1	149.6	10.2	6.5	8.4	6.9	4.4	5.6
Tuscaloosa .....	72.3	73.8	73.6	5.1	3.2	3.9	7.0	4.4	5.4
<b>Alaska</b> .....	307.5	309.5	318.8	22.9	26.6	24.0	7.4	8.6	7.5
Anchorage .....	133.8	136.3	139.4	8.2	8.6	8.2	6.1	6.3	5.9
<b>Arizona</b> .....	1,855.8	1,999.9	2,012.0	117.0	108.9	132.9	6.3	5.4	6.6
Phoenix-Mesa .....	1,176.1	1,265.8	1,270.2	60.5	53.7	64.1	5.1	4.2	5.0
Tucson .....	332.8	360.0	360.1	14.1	13.1	16.1	4.3	3.6	4.5
<b>Arkansas</b> .....	1,191.1	1,217.7	1,232.1	74.5	68.3	72.2	6.3	5.6	5.9
Fayetteville-Springdale-Rogers .....	123.8	131.6	133.2	4.0	3.9	4.1	3.2	3.0	3.1
Fort Smith .....	94.3	94.5	95.3	6.0	5.4	5.5	6.4	5.7	5.8
Little Rock-North Little Rock .....	286.0	293.2	296.4	14.1	12.7	13.4	4.9	4.3	4.5
Pine Bluff .....	37.9	38.5	39.0	3.5	3.3	3.6	9.2	8.5	9.1
<b>California</b> <sup>1</sup> .....	15,262.7	15,446.1	15,278.9	1,441.6	1,251.4	1,322.2	9.4	8.1	8.7
Bakersfield .....	274.3	277.4	274.9	41.8	32.7	37.2	15.2	11.8	13.5
Fresno .....	414.4	421.0	415.6	59.7	50.2	50.8	14.4	11.9	12.2
Los Angeles-Long Beach <sup>1</sup> .....	4,434.8	4,443.0	4,442.0	424.6	432.0	448.0	9.6	9.7	10.1
Modesto .....	198.2	200.8	198.1	34.7	28.8	30.7	17.5	14.3	15.5
Oakland .....	1,101.4	1,119.8	1,097.8	78.1	65.3	70.1	7.1	5.8	6.4
Orange County .....	1,308.3	1,331.7	1,311.3	92.9	71.2	76.2	7.1	5.4	5.8
Riverside-San Bernardino .....	1,242.0	1,271.2	1,256.0	137.2	106.7	116.3	11.0	8.4	9.3
Sacramento .....	877.3	696.0	688.7	60.1	46.5	49.6	8.9	6.7	7.2
Salinas .....	174.4	177.9	174.4	17.5	15.3	15.3	10.0	8.6	8.8
San Diego .....	1,204.8	1,211.2	1,194.6	99.4	81.1	87.8	8.3	6.7	7.4
San Francisco .....	887.8	906.8	886.3	58.8	47.3	51.3	6.6	5.2	5.8
San Jose .....	832.6	847.8	832.7	60.2	50.8	53.1	7.2	6.0	6.4
Santa Barbara-Santa Maria-Lompoc .....	193.4	194.6	190.6	14.7	11.9	12.5	7.6	6.1	8.6
Santa Rosa .....	217.3	226.2	222.8	15.4	12.8	13.5	7.1	5.7	6.1
Stockton-Lodi .....	244.1	245.8	241.1	35.7	26.9	29.7	14.6	10.9	12.3
Vallejo-Fairfield-Napa .....	232.0	233.7	232.4	19.2	15.8	17.0	8.3	6.7	7.3
Ventura .....	373.5	379.4	369.3	33.4	24.5	27.0	8.9	6.5	7.3
<b>Colorado</b> .....	1,924.8	1,955.6	1,988.2	103.0	102.1	99.8	5.4	5.2	5.0
Boulder-Longmont .....	149.8	152.7	154.0	7.2	7.0	7.1	4.8	4.6	4.6
Denver .....	985.8	992.2	1,003.9	47.3	46.8	46.9	4.8	4.7	4.7
<b>Connecticut</b> .....	1,830.7	1,772.7	1,801.6	119.2	94.0	96.7	6.5	5.3	5.4
Bridgeport .....	234.8	224.1	226.9	17.3	13.5	13.8	7.4	6.0	6.1
Danbury .....	117.3	114.3	116.9	5.8	4.6	4.7	5.0	4.0	4.0
Hartford .....	641.7	626.2	633.9	45.0	35.1	36.1	7.0	5.6	5.7
New Haven-Meriden .....	288.4	274.7	278.3	18.6	14.6	15.0	6.5	5.3	5.4
Stamford-Newark .....	197.0	190.1	195.0	8.3	6.7	7.0	4.2	3.5	3.6
Waterbury .....	123.5	118.0	119.5	9.4	7.7	7.7	7.6	6.5	6.5
<b>Delaware</b> .....	377.4	385.3	391.3	19.5	17.7	18.6	5.2	4.6	4.8
Wilmington-Newark .....	278.3	285.5	287.4	15.4	13.6	14.9	5.5	4.8	5.2
<b>District of Columbia</b> .....	312.7	298.9	311.1	28.9	22.4	27.0	9.2	7.5	8.7
Washington .....	2,578.9	2,563.8	2,600.6	128.0	105.7	117.3	5.0	4.1	4.5
<b>Florida</b> <sup>1</sup> .....	6,776.1	6,813.8	6,826.8	518.2	458.7	464.8	7.6	6.7	6.8
Daytona Beach .....	188.9	188.5	188.5	13.7	12.3	11.7	7.2	6.5	6.2
Fort Lauderdale .....	711.2	713.7	715.3	52.9	47.7	46.7	7.4	6.7	6.5
Fort Myers-Cape Coral .....	161.3	166.7	165.6	10.8	9.3	9.2	6.7	5.6	5.6
Gainesville .....	97.6	98.8	97.8	4.8	3.9	3.9	4.9	3.9	4.0
Jacksonville .....	494.7	488.9	492.4	31.4	26.7	26.8	6.3	5.5	5.4
Lakeland-Winter Haven .....	195.4	197.1	197.5	21.7	15.4	18.0	11.1	7.8	9.1
Melbourne-Titusville-Palm Bay .....	210.2	209.6	209.7	17.2	15.5	15.0	8.2	7.4	7.1
Miami .....	1,039.0	1,054.4	1,057.6	86.4	87.1	86.1	8.3	8.3	8.1
Orlando .....	739.3	745.1	752.7	49.7	44.9	44.7	6.7	6.0	5.9
Pensacola .....	167.7	165.7	166.4	9.6	9.1	8.6	5.7	5.5	5.2
Sarasota-Bradenton .....	243.0	243.6	243.3	13.8	11.0	12.0	5.7	4.5	4.9
Tallahassee .....	137.8	139.5	139.6	6.7	6.8	6.6	4.9	4.7	4.7
Tampa-St. Petersburg-Clearwater .....	1,055.7	1,052.7	1,051.6	76.0	61.7	60.8	7.2	5.9	5.8
West Palm Beach-Boca Raton .....	444.3	448.4	443.0	42.0	38.0	39.1	9.4	8.5	8.8

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Georgia</b> .....	3,475.8	3,559.4	3,631.7	218.2	175.5	211.0	6.3	4.9	5.8
Albany .....	52.8	52.8	54.1	4.7	3.8	4.6	8.8	7.2	8.5
Athens .....	64.9	64.8	65.7	3.1	2.5	2.8	4.7	3.8	4.3
Atlanta .....	1,774.4	1,831.4	1,872.6	100.1	82.9	99.0	5.6	4.5	5.3
Augusta-Aiken .....	205.5	203.7	206.3	15.9	12.1	13.7	7.7	6.0	6.6
Columbus .....	110.0	110.4	112.5	7.9	6.0	7.6	7.2	5.5	6.7
Macon .....	139.5	141.4	144.0	8.7	7.2	9.1	6.3	5.1	6.3
Savannah .....	124.4	125.0	127.4	8.2	7.0	8.2	6.6	5.6	6.4
<b>Hawaii</b> .....	586.6	596.1	597.0	28.0	31.5	35.3	4.8	5.3	5.9
Honolulu .....	428.0	434.8	434.1	15.4	18.2	20.1	3.6	4.2	4.6
<b>Idaho</b> .....	558.0	594.4	606.2	31.1	26.6	27.5	5.6	4.5	4.5
Boise City .....	174.2	190.9	192.6	8.1	6.5	7.4	4.7	3.4	3.8
<b>Illinois</b> <sup>1</sup> .....	6,123.7	6,052.1	6,154.2	514.8	345.5	339.3	8.4	5.7	5.5
Bloomington-Normal .....	75.5	76.3	77.2	4.2	2.7	2.5	5.5	3.5	3.2
Champaign-Urbana .....	93.6	93.7	93.3	6.0	3.8	3.6	6.4	4.0	3.8
Chicago .....	4,044.4	4,006.5	4,074.3	325.8	224.1	218.7	8.1	5.6	5.4
Davenport-Moline-Rock Island .....	188.4	184.5	189.2	12.1	8.5	8.4	6.4	4.6	4.5
Decatur .....	61.4	60.0	61.4	6.7	4.6	4.7	10.8	7.7	7.6
Kankakee .....	51.4	49.9	51.1	4.8	3.5	3.5	9.3	7.0	6.8
Peoria-Pekin .....	175.0	172.6	175.7	13.9	8.9	8.8	8.0	5.2	5.0
Rockford .....	191.8	184.7	187.8	21.2	10.8	10.7	11.1	5.9	5.7
Springfield .....	107.3	106.5	109.0	6.7	4.6	4.6	6.3	4.3	4.3
<b>Indiana</b> .....	2,989.0	3,042.5	3,062.5	156.9	144.8	140.8	5.2	4.8	4.6
Bloomington .....	58.1	64.1	58.9	2.3	2.6	2.2	3.9	4.0	3.7
Elkhart-Goshen .....	93.8	94.1	96.3	5.3	3.4	3.4	5.6	3.6	3.5
Evansville-Henderson .....	152.6	153.9	153.8	7.9	7.6	7.2	5.1	4.9	4.7
Fort Wayne .....	260.0	260.4	263.8	15.6	10.9	11.0	6.0	4.2	4.2
Gary .....	299.3	300.0	300.3	19.6	18.4	17.4	6.5	6.1	5.8
Indianapolis .....	766.9	787.0	794.9	32.0	31.7	31.5	4.2	4.0	4.0
Kokomo .....	52.1	52.6	52.4	2.8	2.4	2.4	5.3	4.6	4.6
Lafayette .....	83.9	87.4	87.3	3.2	3.6	3.0	3.8	4.1	3.4
Muncie .....	63.1	67.0	64.4	3.6	3.5	3.4	5.7	5.2	5.2
South Bend .....	129.5	133.7	136.6	6.7	5.5	5.5	5.2	4.1	4.0
Terre Haute .....	72.3	72.6	70.5	4.6	4.6	4.3	6.3	6.3	6.2
<b>Iowa</b> .....	1,571.4	1,539.8	1,569.2	60.7	48.9	53.1	3.9	3.2	3.4
Cedar Rapids .....	104.5	104.0	105.9	3.6	3.2	3.2	3.5	3.1	3.1
Des Moines .....	250.3	244.2	248.9	8.1	6.2	6.7	3.2	2.5	2.7
Dubuque .....	49.8	49.1	50.2	2.0	1.5	1.7	3.9	3.0	3.3
Iowa City .....	63.8	65.0	65.8	1.8	1.5	1.8	2.9	2.3	2.7
Sioux City .....	64.5	63.0	64.1	2.0	1.6	2.0	3.1	2.5	3.1
Waterloo-Cedar Falls .....	67.5	67.7	67.2	3.7	3.0	3.3	5.5	4.4	4.8
<b>Kansas</b> .....	1,348.8	1,351.5	1,376.8	72.2	61.9	70.2	5.4	4.6	5.1
Lawrence .....	48.0	50.2	48.7	3.0	2.5	3.0	6.1	5.0	6.2
Topeka .....	90.3	90.9	93.7	4.6	3.7	4.5	5.1	4.1	4.8
Wichita .....	274.9	273.3	279.3	16.3	15.0	17.1	5.9	5.5	6.1
<b>Kentucky</b> .....	1,836.3	1,815.8	1,830.3	115.4	83.5	88.5	6.3	4.6	4.8
Lexington .....	238.2	234.7	235.3	10.2	7.9	7.8	4.3	3.4	3.3
Louisville .....	515.0	519.8	525.1	25.0	20.4	21.3	4.9	3.9	4.1
Owensboro .....	45.2	46.4	46.9	3.1	2.1	2.3	6.8	4.5	5.0
<b>Louisiana</b> .....	1,929.3	1,929.2	1,975.5	159.0	142.7	170.6	8.2	7.4	8.6
Alexandria .....	56.6	56.9	58.6	4.2	3.7	4.7	7.3	6.6	8.0
Baton Rouge .....	276.3	274.8	282.7	20.6	19.4	23.6	7.5	7.1	8.3
Houma .....	78.0	78.9	80.2	5.9	5.1	6.1	7.5	6.5	7.6
Lafayette .....	157.4	158.3	160.6	12.5	10.8	12.6	8.0	6.8	7.9
Lake Charles .....	80.9	80.7	82.8	7.1	6.3	7.3	8.8	7.9	8.8
Monroe .....	66.1	66.3	67.7	5.3	4.4	5.6	8.0	6.6	8.3
New Orleans .....	599.1	591.7	604.8	46.7	40.8	48.9	7.8	6.9	8.1
Shreveport-Bossier City .....	174.3	175.2	180.9	13.5	12.3	14.6	7.7	7.0	8.1
<b>Maine</b> .....	647.5	614.3	627.4	50.9	35.9	37.9	7.9	5.8	6.0
Lewiston-Auburn .....	50.6	49.1	49.8	4.6	3.0	3.3	9.0	6.0	6.7
Portland .....	122.3	117.5	119.0	7.7	4.6	5.4	6.3	3.9	4.5

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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Maryland</b> .....	2,697.6	2,648.1	2,695.3	179.6	140.0	151.7	6.7	5.3	5.6
Baltimore .....	1,228.2	1,196.1	1,215.1	98.8	76.2	82.1	8.1	6.4	6.8
<b>Massachusetts</b> <sup>1</sup> .....	3,215.9	3,149.1	3,216.1	205.2	171.6	192.9	6.4	5.4	6.0
Boston .....	1,763.4	1,750.0	1,778.8	99.4	82.7	94.0	5.6	4.7	5.3
Brockton .....	123.8	120.1	122.3	9.7	7.7	8.7	7.8	6.4	7.1
Fitchburg-Leominster .....	70.1	68.4	69.5	4.7	3.9	4.7	6.8	5.7	6.7
Lawrence .....	191.3	186.2	189.9	15.9	12.4	14.0	8.3	6.7	7.4
Lowell .....	156.4	149.5	153.7	11.9	8.8	10.4	7.6	5.9	6.8
New Bedford .....	83.8	80.8	82.3	7.7	7.2	7.7	9.2	8.9	9.4
Pittsfield .....	42.7	40.8	42.3	3.2	3.1	3.3	7.5	7.6	7.8
Springfield .....	288.6	282.5	285.2	20.4	17.8	19.4	7.1	6.3	6.8
Worcester .....	249.9	244.7	247.7	15.9	12.0	13.7	6.4	4.9	5.5
<b>Michigan</b> <sup>1</sup> .....	4,822.1	4,745.0	4,808.3	356.7	248.8	270.2	7.4	5.2	5.6
Ann Arbor .....	283.0	278.6	281.2	12.9	8.8	10.0	4.6	3.2	3.5
Benton Harbor .....	84.2	83.2	83.5	6.4	4.7	5.0	7.6	5.7	6.0
Detroit .....	2,163.1	2,126.5	2,155.3	169.1	107.4	117.3	7.8	5.0	5.4
Flint .....	201.9	196.4	198.7	19.5	13.9	15.8	9.7	7.1	7.9
Grand Rapids-Muskegon-Holland .....	527.5	523.0	528.1	32.5	21.7	24.4	6.2	4.1	4.6
Jackson .....	75.0	73.7	74.9	5.8	4.1	4.6	7.8	5.6	6.2
Kalamazoo-Battle-Creek .....	227.1	223.8	225.1	13.4	10.3	10.3	5.9	4.6	4.6
Lansing-East Lansing .....	237.0	236.5	235.1	12.0	8.7	9.7	5.0	3.7	4.1
Saginaw-Bay City-Midland .....	197.5	194.4	197.9	14.2	11.3	12.0	7.2	5.8	6.1
<b>Minnesota</b> .....	2,510.3	2,581.5	2,596.9	137.6	78.4	100.7	5.5	3.0	3.9
Duluth-Superior .....	117.6	119.0	120.4	9.3	6.2	7.6	7.9	5.2	6.3
Minneapolis-St. Paul .....	1,528.1	1,577.9	1,584.2	74.5	40.1	52.2	4.9	2.5	3.3
Rochester .....	64.5	66.8	67.6	2.4	1.7	2.3	3.6	2.6	3.4
St. Cloud .....	86.7	92.1	90.3	4.7	2.7	3.5	5.4	2.9	3.9
<b>Mississippi</b> .....	1,238.1	1,236.9	1,268.1	96.5	87.7	102.5	7.8	7.1	8.1
Jackson .....	213.4	211.0	217.8	12.3	10.6	12.5	5.7	5.0	5.8
<b>Missouri</b> .....	2,691.7	2,649.0	2,698.3	180.3	124.2	130.6	6.7	4.7	4.8
Kansas City .....	885.2	889.8	909.1	50.1	37.6	42.1	5.7	4.2	4.6
St. Louis LMA .....	1,278.3	1,281.2	1,308.6	91.7	62.0	63.3	7.2	4.8	4.8
Springfield .....	149.5	152.7	153.2	8.7	5.8	5.2	5.8	3.8	3.4
<b>Montana</b> .....	435.3	438.8	444.6	27.1	18.9	18.9	6.2	4.3	4.2
<b>Nebraska</b> .....	866.4	887.0	890.2	23.8	24.9	29.1	2.7	2.8	3.3
Lincoln .....	130.0	134.9	133.6	3.5	4.1	3.9	2.7	3.0	2.9
Omaha .....	352.6	355.6	361.1	10.9	10.1	12.8	3.1	2.8	3.5
<b>Nevada</b> .....	753.0	769.6	781.7	59.3	38.9	48.5	7.9	5.1	6.2
Las Vegas .....	537.4	561.2	566.3	43.0	29.6	36.8	8.0	5.3	6.5
Reno .....	162.1	162.1	165.4	11.2	7.1	8.7	6.9	4.4	5.3
<b>New Hampshire</b> .....	623.8	615.0	626.3	40.0	28.1	29.2	6.4	4.6	4.7
Manchester .....	97.4	95.6	97.2	6.2	4.3	4.9	6.3	4.5	5.1
Nashua .....	98.2	93.8	94.1	6.9	4.6	4.9	7.0	5.0	5.3
Portsmouth-Rochester .....	121.5	119.1	120.1	6.2	4.7	4.9	5.1	4.0	4.1
<b>New Jersey</b> <sup>1</sup> .....	4,081.4	3,916.8	4,071.6	287.3	278.1	289.4	7.0	7.1	7.1
Atlantic-Cape May .....	176.2	162.7	174.7	15.1	15.8	15.3	8.6	9.7	8.8
Bergen-Passaic .....	667.3	639.2	664.7	49.2	47.8	50.3	7.4	7.5	7.6
Jersey City .....	278.9	274.0	282.8	26.7	27.0	28.1	9.6	9.9	9.9
Middlesex-Somerset-Hunterdon .....	590.7	570.9	592.8	34.6	31.3	32.9	5.9	5.5	5.6
Monmouth-Ocean .....	506.7	480.3	509.4	30.5	30.1	31.7	6.0	6.3	6.2
Newark .....	1,010.0	971.8	1,006.0	75.5	70.9	73.4	7.5	7.3	7.3
Trenton .....	172.4	165.3	169.2	9.7	9.5	10.1	5.6	5.8	6.0
Vineland-Millville-Bridgeton .....	64.5	61.7	63.8	6.9	6.8	6.8	10.6	11.0	10.7
<b>New Mexico</b> .....	772.3	783.3	793.7	69.5	42.4	49.5	9.0	5.4	6.2
Albuquerque .....	333.4	339.3	345.9	26.3	13.6	15.8	7.9	4.0	4.6
Las Cruces .....	63.1	64.3	63.3	6.8	4.6	4.8	10.7	7.2	7.6
Santa Fe .....	74.9	75.5	77.8	3.3	2.4	3.2	4.4	3.2	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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>New York<sup>1</sup></b> .....	8,766.5	8,528.8	8,748.2	678.6	549.1	623.7	7.7	6.4	7.1
Albany-Schenectady-Troy .....	459.6	451.4	465.2	22.6	19.5	24.1	4.9	4.3	5.2
Binghamton .....	131.5	125.1	129.2	9.0	7.6	9.6	6.8	6.0	7.4
Buffalo-Niagara Falls .....	586.5	569.4	589.7	40.5	31.7	38.9	6.9	5.6	6.6
Dutchess County .....	125.3	113.9	118.4	13.5	6.9	9.0	10.8	6.1	7.6
Elmira .....	43.2	42.4	44.1	2.7	2.2	2.6	6.3	5.2	6.0
Glens Falls .....	64.2	60.8	66.2	4.3	3.8	4.2	6.7	6.2	6.4
Nassau-Suffolk .....	1,400.3	1,328.3	1,386.4	99.3	68.4	88.9	7.1	5.1	6.4
New York .....	3,908.8	3,861.1	3,892.5	348.3	299.8	312.2	8.9	7.8	8.0
New York City <sup>1</sup> .....	3,257.9	3,244.0	3,248.0	307.8	272.0	276.0	9.4	8.4	8.5
Newburgh .....	173.6	165.8	174.5	12.4	8.9	10.9	7.1	5.4	6.2
Rochester .....	578.9	566.6	587.2	30.4	26.1	33.2	5.3	4.6	5.7
Syracuse .....	377.6	360.5	374.0	25.9	18.7	23.1	6.9	5.2	6.2
Utica-Rome .....	145.0	141.4	147.2	9.5	7.1	8.6	6.6	5.0	5.9
<b>North Carolina<sup>1</sup></b> .....	3,618.6	3,574.2	3,613.6	208.9	143.3	150.6	5.8	4.0	4.2
Asheville .....	107.4	105.9	108.5	5.2	3.7	3.9	4.8	3.5	3.6
Charlotte-Gastonia-Rock Hill .....	684.4	679.4	686.7	38.2	24.3	26.0	5.6	3.6	3.8
Greensboro-Winston-Salem-High Point .....	608.7	603.8	608.7	30.2	20.0	21.2	5.0	3.3	3.5
Raleigh-Durham-Chapel Hill .....	558.2	538.1	542.9	22.9	14.9	16.1	4.1	2.8	3.0
<b>North Dakota</b> .....	331.1	336.0	346.1	16.0	10.8	14.3	4.8	3.2	4.1
Bismarck .....	48.2	48.3	50.4	2.3	1.7	2.0	4.7	3.5	4.0
Fargo-Moorhead .....	89.3	91.6	93.5	3.0	1.8	2.7	3.4	2.0	2.9
Grand Forks .....	64.2	67.9	67.6	2.8	2.0	2.7	4.4	2.9	4.0
<b>Ohio<sup>1</sup></b> .....	5,527.9	5,594.4	5,604.3	331.4	347.0	304.7	6.0	6.2	5.4
Akron .....	345.0	359.9	354.3	19.0	21.2	18.0	5.5	5.9	5.1
Canton-Massillon .....	198.7	203.3	203.9	12.7	14.0	12.0	6.4	6.9	5.9
Cincinnati .....	807.6	814.7	817.7	45.2	42.8	38.8	5.6	5.2	4.7
Cleveland-Lorain-Elyria .....	1,092.6	1,093.4	1,099.5	68.9	70.9	61.9	6.3	6.5	5.6
Columbus .....	763.5	763.4	767.1	35.2	36.2	31.9	4.6	4.7	4.2
Dayton-Springfield .....	465.1	472.4	472.0	23.8	26.1	22.7	5.1	5.5	4.8
Toledo .....	307.4	312.1	311.2	18.5	19.9	17.7	6.0	6.4	5.7
Youngstown-Warren .....	281.6	288.7	289.2	21.0	22.1	18.8	7.5	7.6	6.5
<b>Oklahoma</b> .....	1,536.4	1,563.3	1,554.5	93.8	97.8	91.9	6.1	6.3	5.9
Enid .....	27.8	27.8	27.7	1.3	1.4	1.2	4.7	5.2	4.5
Lawton .....	43.1	43.9	43.9	2.7	2.7	2.4	6.2	6.2	5.5
Oklahoma City .....	497.3	500.1	499.9	24.4	25.4	23.3	4.9	5.1	4.7
Tulsa .....	382.8	378.0	378.2	25.6	24.1	23.5	6.7	6.4	6.2
<b>Oregon</b> .....	1,614.7	1,628.9	1,681.2	117.0	86.8	97.6	7.2	5.3	5.8
Eugene-Springfield .....	152.2	155.8	157.5	11.7	8.3	9.2	7.7	5.3	5.8
Medford-Ashland .....	79.0	80.4	81.7	7.0	5.4	6.2	8.9	6.7	7.6
Portland-Vancouver .....	924.1	929.4	949.1	57.4	40.2	45.1	6.2	4.3	4.8
Salem .....	156.5	155.0	164.1	11.2	8.2	9.4	7.1	5.3	5.7
<b>Pennsylvania<sup>1</sup></b> .....	5,925.8	5,896.6	6,021.4	403.0	376.7	346.8	6.8	6.4	5.8
Allentown-Bethlehem-Easton .....	275.7	274.7	279.4	19.2	18.1	16.6	7.0	6.6	5.9
Altoona .....	64.0	63.8	64.9	4.4	4.6	3.9	6.9	7.2	6.0
Erie .....	141.0	140.0	142.4	9.8	9.5	8.7	7.0	6.8	6.1
Harrisburg-Lebanon-Carlisle .....	334.1	329.1	339.0	16.5	15.4	14.0	5.0	4.7	4.1
Johnstown .....	107.5	106.6	108.4	10.7	9.5	8.6	10.0	8.9	7.9
Lancaster .....	231.9	228.8	237.5	11.5	10.0	9.9	4.9	4.4	4.2
Philadelphia .....	2,469.4	2,429.8	2,484.1	162.5	151.8	144.5	6.6	6.2	5.8
Pittsburgh .....	1,156.7	1,161.0	1,183.5	76.8	74.3	68.8	6.6	6.4	5.8
Reading .....	178.4	178.6	183.3	10.5	9.8	8.7	5.9	5.5	4.7
Scranton-Wilkes-Barre-Hazleton .....	343.1	345.0	350.5	26.6	25.6	24.1	7.7	7.4	6.9
Sharon .....	54.1	54.6	55.5	5.2	3.8	3.5	9.7	6.9	6.3
State College .....	63.0	64.2	64.5	3.5	3.1	3.0	5.6	4.8	4.7
Williamsport .....	57.4	57.5	58.0	4.5	4.3	3.6	7.9	7.4	6.2
York .....	188.6	187.3	192.6	10.8	9.4	9.0	5.7	5.0	4.7
<b>Rhode Island</b> .....	513.2	495.4	504.2	36.8	29.5	29.7	7.2	5.9	5.9
Providence-Fall River-Warwick .....	588.7	571.2	581.2	45.5	36.3	37.6	7.7	6.3	6.5
<b>South Carolina</b> .....	1,863.5	1,828.4	1,856.1	150.6	112.7	118.0	8.1	6.2	6.4
Charleston-North Charleston .....	251.9	244.8	248.9	18.5	14.9	16.2	7.3	6.1	6.5
Columbia .....	254.9	250.6	254.0	16.8	11.2	11.6	6.6	4.5	4.6
Greenville-Spartanburg-Anderson .....	464.9	464.9	472.1	27.7	21.4	22.5	6.0	4.6	4.8
<b>South Dakota</b> .....	369.8	375.3	382.0	13.2	10.4	12.4	3.6	2.8	3.3
Rapid City .....	43.2	42.4	44.2	1.6	1.3	1.4	3.8	3.0	3.1
Sioux Falls .....	81.5	85.2	86.0	2.0	1.8	2.1	2.5	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		
	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>	June 1993	May 1994	June 1994 <sup>P</sup>
<b>Tennessee</b> .....	2,535.3	2,611.3	2,658.3	161.5	107.4	136.3	6.4	4.1	5.1
Chattanooga .....	217.5	222.0	226.4	12.9	9.1	11.2	5.9	4.1	5.0
Johnson City-Kingsport-Bristol .....	225.4	223.4	227.0	14.6	10.4	13.4	6.5	4.6	5.9
Knoxville .....	326.6	334.7	341.4	16.8	11.1	13.8	5.1	3.3	4.0
Memphis .....	489.5	502.9	509.7	30.3	21.8	26.5	6.2	4.3	5.2
Nashville .....	562.2	587.9	598.7	26.6	16.7	22.1	4.7	2.8	3.7
<b>Texas<sup>1</sup></b> .....	9,210.9	9,332.0	9,544.2	689.5	590.4	683.3	7.5	6.3	7.2
Abilene .....	57.8	58.1	58.4	3.8	3.1	3.6	6.3	5.3	6.2
Amarillo .....	104.3	107.0	108.4	5.6	4.4	5.1	5.4	4.1	4.7
Austin-San Marcos .....	546.4	568.0	578.9	22.9	20.7	22.6	4.2	3.6	3.9
Beaumont-Port Arthur .....	186.3	186.9	191.2	22.3	18.3	21.3	12.0	9.8	11.1
Brazoria .....	106.0	107.5	109.4	9.0	7.4	8.6	8.5	6.9	7.9
Brownsville-Harlingen-San Benito .....	117.7	122.1	126.3	15.3	13.7	16.4	13.0	11.2	13.0
Bryan-College Station .....	63.7	70.1	66.8	2.3	2.3	2.5	3.5	3.3	3.7
Corpus Christi .....	171.3	175.2	179.0	16.2	15.8	18.6	9.5	9.0	10.4
Dallas .....	1,628.6	1,670.1	1,720.5	104.4	88.7	101.5	6.4	5.3	5.9
El Paso .....	276.9	280.6	287.6	30.1	27.5	31.7	10.9	9.8	11.0
Fort Worth-Arlington .....	795.5	802.1	819.9	51.3	44.4	49.7	6.4	5.5	6.1
Galveston-Texas City .....	126.8	127.4	130.8	11.5	10.2	12.2	9.0	8.0	9.3
Houston .....	1,942.1	1,943.6	1,991.8	151.5	127.4	145.5	7.8	6.6	7.3
Killeen-Temple .....	104.3	106.1	109.2	6.2	5.6	6.2	5.9	5.2	5.7
Laredo .....	63.7	66.5	66.0	6.5	5.7	6.7	10.3	8.5	9.8
Longview-Marshall .....	98.8	100.6	102.7	9.7	8.2	9.6	9.8	8.2	9.4
Lubbock .....	118.1	118.9	120.8	6.7	5.1	6.7	5.7	4.3	5.5
McAllen-Edinburg-Mission .....	169.7	182.8	184.1	28.9	26.0	31.6	17.0	14.2	17.2
Odessa-Midland .....	118.1	117.4	119.5	10.3	9.0	10.3	8.7	7.7	8.6
San Angelo .....	49.1	49.9	50.7	2.8	2.5	2.8	5.7	5.0	5.6
San Antonio .....	685.8	692.5	705.7	41.9	32.3	39.5	6.1	4.7	5.6
Sherman-Denison .....	45.9	46.1	46.2	3.6	2.9	3.2	7.9	6.3	6.8
Texarkana .....	57.3	57.5	58.5	4.7	5.3	6.0	8.3	9.3	10.2
Tyler .....	81.6	81.5	83.8	6.2	4.5	5.6	7.6	5.6	6.7
Victoria .....	41.5	42.7	43.3	2.6	2.6	3.1	6.3	6.0	7.0
Waco .....	95.1	96.8	97.8	6.3	4.9	5.6	6.7	5.1	5.7
Wichita Falls .....	62.5	62.7	64.3	4.0	3.3	4.2	6.4	5.3	6.6
<b>Utah</b> .....	920.8	973.4	995.1	40.2	32.9	37.1	4.4	3.4	3.7
Provo-Orem .....	132.0	137.4	141.2	5.3	4.1	4.7	4.0	3.0	3.3
Salt Lake City-Ogden .....	594.4	629.3	641.6	24.6	19.9	22.6	4.1	3.2	3.5
<b>Vermont</b> .....	321.7	308.1	313.7	16.9	13.3	12.4	5.2	4.3	4.0
Burlington .....	93.8	90.5	92.0	3.8	2.7	2.7	4.0	3.0	2.9
<b>Virginia</b> .....	3,435.2	3,460.8	3,465.5	183.5	180.3	190.4	5.3	5.2	5.5
Charlottesville .....	71.0	70.4	70.9	2.7	2.5	3.1	3.8	3.5	4.4
Danville .....	59.7	60.3	60.3	4.4	5.7	5.9	7.5	9.5	9.8
Lynchburg .....	106.3	106.3	107.5	5.2	5.5	5.6	4.9	5.0	5.3
Norfolk-Virginia Beach-Newport News .....	705.5	722.0	726.3	40.7	42.9	48.0	5.8	5.9	6.3
Richmond-Petersburg .....	498.3	504.4	502.5	26.3	25.5	25.8	5.3	5.0	5.1
Roanoke .....	129.2	130.8	131.2	6.4	5.8	6.1	5.0	4.5	4.6
<b>Washington</b> .....	2,697.8	2,696.0	2,725.2	191.0	159.3	163.6	7.1	5.9	6.0
Seattle-Bellevue-Everett .....	1,180.2	1,196.3	1,188.6	73.9	63.7	66.9	6.3	5.3	5.6
<b>West Virginia</b> .....	795.9	782.1	793.6	85.8	69.8	73.9	10.8	8.9	9.3
Charleston .....	126.9	124.6	128.8	10.0	8.2	9.1	7.8	6.6	7.1
Huntington-Ashland .....	133.9	131.1	132.6	13.2	10.5	11.5	9.9	8.0	8.7
Parkersburg-Marietta .....	74.5	74.5	75.7	6.2	5.1	5.2	8.3	6.8	6.9
Wheeling .....	72.0	71.8	72.2	6.3	6.0	5.3	8.7	8.3	7.3
<b>Wisconsin</b> .....	2,780.4	2,782.2	2,874.2	143.5	115.9	134.8	5.2	4.2	4.7
Appleton-Oshkosh-Neenah .....	207.6	207.6	215.8	9.4	7.6	9.1	4.5	3.7	4.2
Eau Claire .....	73.1	74.1	75.3	4.5	3.1	3.6	6.2	4.2	4.8
Green Bay .....	117.9	123.1	126.6	5.7	4.6	5.4	4.8	3.7	4.2
Janesville-Beloit .....	76.7	75.7	77.7	5.6	3.3	4.0	7.2	4.3	5.2
Kenosha .....	70.5	71.7	72.8	3.8	3.3	3.8	5.3	4.5	5.2
La Crosse .....	66.7	68.5	69.2	3.0	2.2	2.6	4.5	3.3	3.8
Madison .....	235.9	242.8	245.7	5.7	4.9	5.7	2.4	2.0	2.3
Milwaukee-Waukesha .....	769.3	769.5	797.8	39.4	32.5	39.9	5.1	4.2	5.0
Racine .....	92.2	92.4	95.8	6.2	4.6	5.6	6.7	5.0	5.8
Sheboygan .....	58.9	59.3	62.1	2.3	1.8	2.2	3.9	3.1	3.6
Wausau .....	67.6	67.9	69.9	3.7	3.4	4.0	5.5	5.0	5.7
<b>Wyoming</b> .....	244.1	247.3	254.8	11.6	13.9	13.5	4.7	5.6	5.3
Casper .....	30.7	31.1	31.1	1.8	2.2	1.9	6.0	7.0	6.3

<sup>1</sup> Data are obtained directly from the Current Population Survey (CPS). See the Explanatory Notes and Estimates of Error Section for Region, State, and Area Labor Force Data.

<sup>P</sup> = preliminary.

NOTE: Data refer to place of residence. Data, beginning 1994, are not directly comparable with those for 1993 and prior years as a result of the redesign of the

CPS. In addition, data comparisons are affected by the incorporation of 1990 census-based population controls (covering the 1990-93 period) and other methodological changes. For additional information, see "Revisions in State and Area Estimates Effective January 1994" in the March 1994 issue of *Employment and Earnings*. 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
<b>Total, 16 years and over:</b>		
Civilian labor force .....	275	204
Employed .....	295	224
Unemployed .....	146	160
<b>Men, 20 years and over:</b>		
Civilian labor force .....	179	152
Employed .....	194	164
Unemployed .....	103	118
<b>Women, 20 years and over:</b>		
Civilian labor force .....	204	155
Employed .....	209	160
Unemployed .....	90	105
<b>Both sexes, 16 to 19 years:</b>		
Civilian labor force .....	89	88
Employed .....	87	86
Unemployed .....	58	75
<b>Black, 16 years and over:</b>		
Civilian labor force .....	127	94
Employed .....	129	98
Unemployed .....	66	75
<b>Men, 20 years and over:</b>		
Civilian labor force .....	72	63
Employed .....	76	67
Unemployed .....	45	53
<b>Women, 20 years and over:</b>		
Civilian labor force .....	90	68
Employed .....	89	68
Unemployed .....	43	50
<b>Both sexes, 16 to 19 years:</b>		
Civilian labor force .....	36	38
Employed .....	31	32
Unemployed .....	28	33
<b>Hispanic origin, 16 years and over:</b>		
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
Labor force and not-in-labor-force data other than agricultural employment and unemployment:		
Total <sup>1</sup> .....	-0.000015693	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 .....	-.000181647	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
Agricultural employment:		
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
Hispanic origin:		
Total or women .....	.010960039	2522.57
Men or both sexes, 16 to 19 years .....	.014443239	1483.55
Unemployment:		
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
Labor force and not-in-labor-force data other than agricultural employment and unemployment:		
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
Agricultural employment:		
Total or white:		
Total .....	-0.000351254	3344.45
Men .....	-0.000597224	3450.08
Women or both sexes, 16 to 19 years .....	.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 .....	.002654758	4043.98
Men or both sexes, 16 to 19 years .....	.002647371	3510.08
Self-employed .....	-0.000218152	1822.59
Unemployment: <sup>2</sup>		
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 under estimation 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 payrolls 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>†</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
Depository institutions .....	10	.3	-7	.8
Nondepository institutions .....	-24	-1.2	-1.3	1.3
Security and commodity brokers .....	34	7.8	.7	1.4
Holding and other investment offices .....	4	.9	-.1	.9
Insurance .....	-4	-1.8	-5	4.8
Insurance carriers .....	64	2.9	.2	1.0
Insurance agents, brokers, and service .....	50	3.3	.5	1.5
Real estate .....	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 supply 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 nonseasonal movements in the series. In evaluating changes in a seasonally adjusted series, it is important to note that seasonal adjustment is merely an approximation based on past experience. Seasonally adjusted estimates have a broader margin of possible error than the original data on which they are based, because they are subject not only to sampling and other errors but are also affected by the uncertainties of the seasonal adjustment process itself. Seasonally adjusted series for selected labor force and establishment-based data are published monthly in *Employment and Earnings*.

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 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.

All labor force and unemployment rate statistics, as well as the major employment and unemployment estimates, are computed by aggregating independently adjusted series. For example, for each of the three major labor force components—agricultural employment, nonagricultural employment, and unemployment—data for four sex-age groups (men and women under and over 20 years of age) are separately adjusted for seasonal variation and are then added to derive seasonally adjusted total figures. The seasonally adjusted figure for the labor force is a sum of eight seasonally adjusted civilian employment components and four seasonally adjusted unemployment components.

The total for unemployment is the sum of the four unemployment components, and the unemployment rate is derived by dividing the resulting estimate of total unemployment by the estimate of the labor force. Because of the independent seasonal adjustment of various series, components will not necessarily add to totals.

In each January issue, *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

# INDEX TO STATISTICAL TABLES

**TABLE KEY: A: Monthly household data; B: Monthly national and State and area establishment data; C: Monthly regional, State, and area labor force data; D: Quarterly, household data only, in the January, April, July, and October issues. Annual averages: Household data in the January issue; national establishment data in the January, March, and June issues; State and area establishment and labor force data in the May issue. For additional information see the listing on the inside front cover of this publication.**

Topic	Monthly		Quarterly averages		Annual averages
	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	
Absences from work .....					47-48
Aggregate weekly hours (Index) .....	B-9				
Agricultural industries .....	A-1-3,6,10	A-14,19-20, 28,33	D-1,4,8	D-11-14	A-1-2; 1-2,5-6,12-13,15, 17-18,28,34 19-23
At work .....	A-6	A-21-25	D-4		
Class of worker .....	A-6	A-20	D-4	D-13-14	12-13,15-16
Diffusion index .....	B-6				
Discouraged workers .....		A-34			37
Earnings, hourly .....	B-11	B-2,15-18			B-2,15-17; 53; 2
Earnings, weekly .....	B-11	B-2,15,15a, 17-18		D-19-21	B-2,15,15a, 17; 39-42, 53; 2
Educational attainment and school enrollment .....		A-15			7
Employment by:					
Age .....	A-3-5,7	A-13-17,20	D-1-3,5	D-11-12,15	3-9,14-15
Hispanic origin .....	A-4	A-15	D-2	D-11-15	4-7,11-13,18
Industry .....	B-3-5,7	A-19; B-12-14			B-1,12-13, 16-18; 1
Occupation .....	A-6	A-17-19	D-4	D-13-14	9-13,17
Race .....	A-4	A-13-16,18	D-2	D-11,13,15	3,5,7-8,10-12,14,17-18
Sex .....	A-2-7; B-4	A-13-18,20; B-13	D-1-5	D-11-15	B-13; 2-18
Family type .....					25-26
Full-time workers .....	A-5	A-16,31	D-3	D-13-14	8,12-13,32
Historical data .....					A-1-2; B-1-2; 1-2
Hours of work .....	B-8-10	A-21-25; B-2, 15,18			B-15; 19-23, 53; 2
Jobsearch methods .....					35-36
Marital status .....	A-6,10	A-26,32	D-4,8		24,33
Multiple jobholders .....		A-35			38
Nonagricultural industries .....	A-1-3,6	A-14,20	D-1,4		A-1-2; 1-2,5-6,12-13,15
Not in the labor force .....		A-34			37
Part-time workers .....	A-5	A-16	D-3	D-13-14	8,12-13
Production or nonsupervisory workers .....	B-5,8-9,11	B-12,15-18			B-12,15-17; 52-53
State, region, and area data .....	B-7; C-1-2	B-14,18; C-3			1-3
Unemployment by:					
Age .....	A-3-5,8-9	A-13-16,26, 29-30,32	D-1-2,6-7	D-11-12,16	3-8,24,29,31, 35
Duration .....	A-12	A-30-33	D-10	D-18	31-34
Hispanic origin .....	A-4	A-15	D-2	D-11-12, 16-18	4-7,25-26,30
Industry of last job .....	A-10	A-28,33	D-8		28,34
Occupation of last job .....	A-10	A-27,33	D-8		27,34
Race .....	A-4	A-13-16,26, 29,32	D-2	D-11,16-20	3,5,7-8,24-26, 30,33,35
Reason .....	A-11	A-29-30	D-9	D-17	29-31
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Union affiliation .....					43-46
Veterans, Vietnam-era .....		A-36		D-22-23	49-50

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 will appear 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.

**U.S. DEPARTMENT OF LABOR  
Bureau of Labor Statistics**

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