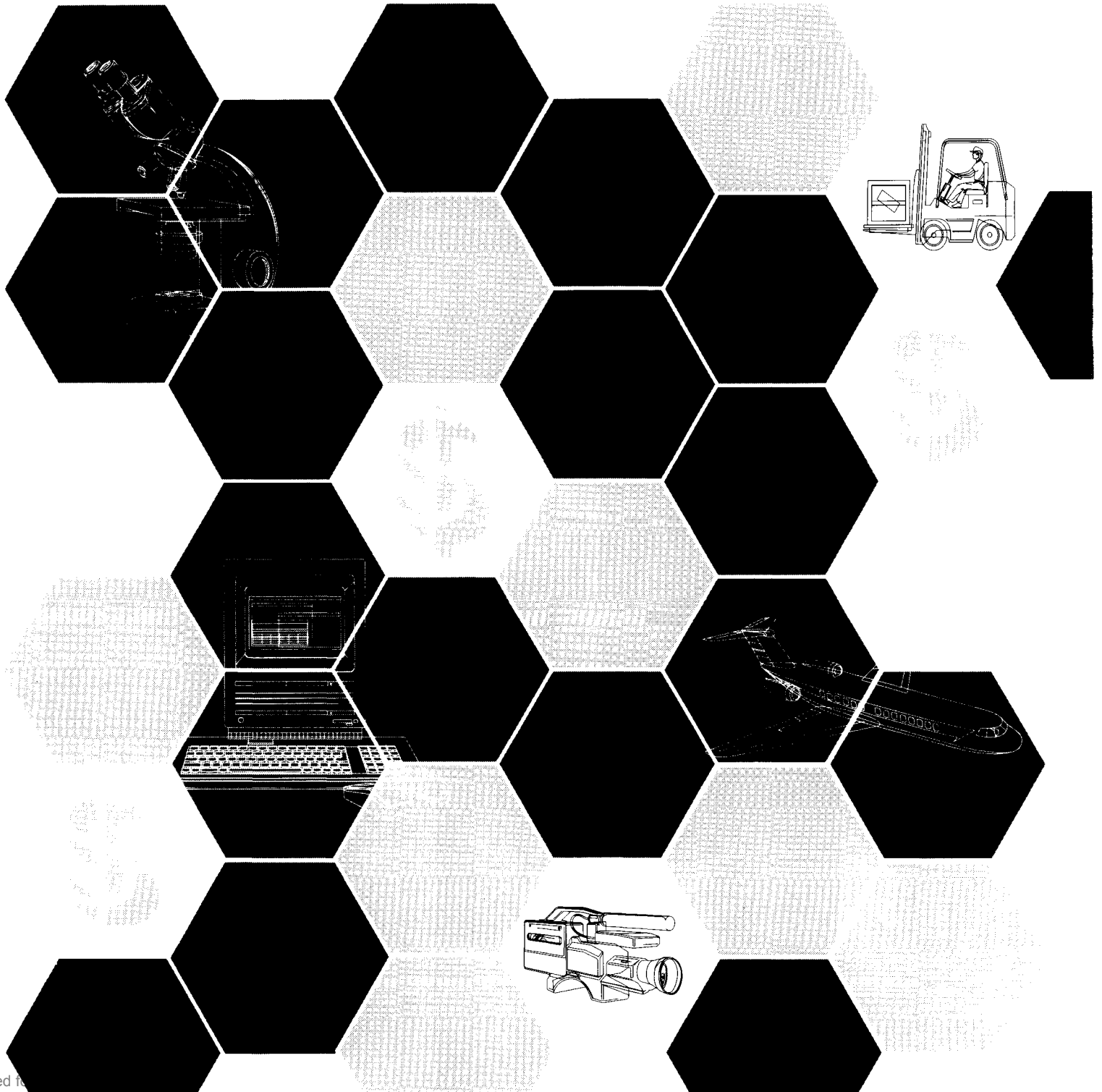


EMPLOYMENT AND EARNINGS

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

In this issue: Third quarter 1994
averages for household
survey data





U.S. DEPARTMENT OF LABOR

Robert B. Reich, Secretary

BUREAU OF LABOR STATISTICS

Katharine G. Abraham, Commissioner

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October 1994

Vol. 41 No. 10

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.

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Union affiliation	Jan.
Earnings by detailed occupation	Jan.
Employee absences	Jan.
Revised seasonally adjusted series	Jan.
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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 ¹
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

¹ A new bulletin is forthcoming.

Employment and Earnings

Editors: Gloria Peterson Green, Eugene H. Becker

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Employment and Unemployment Developments, September 1994

Employment continued to rise in September and unemployment fell.

The unemployment rate declined over the month, from 6.1 to 5.9 percent. The rate had been 6.7 percent in January (the first month based on the revised questionnaire and survey procedures).

Nonfarm payroll employment, as measured by the employer survey, rose by 239,000 in September, while total employment, as measured by the survey of households, increased sharply for the second consecutive month after growing very slowly earlier in the year. Both surveys show substantial growth since January.

Unemployment

Unemployment declined in September, with the number of unemployed persons dropping by 308,000 to 7.7 million and the unemployment rate decreasing by 0.2 percentage point to 5.9 percent. Since January, the unemployment rate has fallen by 0.8 percentage point, while the number of unemployed persons has dropped by about 1 million. (See table A-3.)

Among the major labor force groups, adult men accounted for much of the overall decline in unemployment; their unemployment rate was 5.1 percent in September, down 0.3 percentage point over the month. The rates for adult women (5.3 percent) and teenagers (17.0 percent) were both little changed from August. The unemployment rates for whites (5.1 percent) and blacks (10.7 percent) were down marginally in September, while the rate for Hispanics (10.2 percent) was unchanged. (See tables A-3 and A-4.) The number of persons unemployed because they had lost their previous jobs or completed temporary ones declined by 243,000 in September and has dropped by nearly 900,000 since January (table A-11).

Total employment and the labor force

The total number of employed persons increased by 462,000 in September, seasonally adjusted. Since January, the series has increased by 1.7 million. The employment-to-population ratio—the proportion of the working-age population with jobs—was 62.7 percent, an increase of half a percentage point from January. (See table A-3.)

The number of persons working part time for economic reasons—those who would have preferred full-time employment—was about unchanged in September, at 4.3 million,

while those working part time voluntarily declined to 17.6 million. (See table A-6.) The number of multiple jobholders—those holding two or more jobs—was 7.5 million (not seasonally adjusted) in September, or 6.1 percent of total employment (table A-35).

The civilian labor force was little changed in September at 131.3 million, following a large increase in August. The labor force participation rate—the proportion of the population either working or looking for work—was unchanged in September at 66.6 percent. Since January, the labor force has risen by nearly 700,000. (See table A-3.)

Persons not in the labor force

The number of persons who want and are available for work and have looked for jobs sometime in the past year, but are no longer actively seeking employment, was 1.9 million (not seasonally adjusted) in September. Of that number, those who were not looking because they think their prospects for finding jobs are poor—discouraged workers—totaled 521,000. (See table A-34.)

Industry payroll employment

Nonfarm payroll employment increased by 239,000 in September to 114.1 million, after seasonal adjustment. Although much of the growth was again concentrated in services, there also were increases in construction, trade, transportation, and government. (See table B-3.)

Construction employment was up by 19,000 in September (seasonally adjusted) after holding steady in August. Employment in this industry has risen by nearly a half million since mid-1992, with most of the growth occurring among special trade contractors.

Manufacturing employment held steady in September, following an increase of 39,000 in August. The number of factory jobs has risen by 147,000 since reaching a low point a year ago. Within durable goods, further employment gains occurred in the auto industry, electronic equipment, and primary metals, which together added 14,000 jobs. Within nondurable goods, small but widespread job declines totaled 13,000.

Within the service-producing sector, employment in the services industry rose by 101,000 over the month, somewhat below the average monthly growth over the past year. Much of the September advance occurred in business (54,000) and social services (24,000). For the second month

in a row, the increase in the personnel supply component of business services (28,000) was less than its monthly average over the past year. Job declines continued in hotels and in amusement and recreation, offsetting gains earlier in the year.

Employment in retail trade increased modestly for the second straight month, with a 40,000 gain in September; this followed robust growth in June and July. Much of those earlier gains had been in eating and drinking places, which have shown a net loss since July. Automotive dealers and furniture stores continued to add jobs. Wholesale trade employment increased by 10,000 over the month, continuing a pattern of moderate gains.

Widespread job gains in the transportation industry totaled 19,000 in September. The effects of higher interest rates continued to be felt in the finance industry, with further job declines in mortgage banking. Employment in depository institutions also continued to decline. Employment in real estate was flat, following a large August increase.

Government employment rose by 65,000 in September. This increase partly reflected strength in State education, as enrollment increases in higher education spurred September hiring. In the noneducation component of local government, job growth was affected in part by the hiring of tem-

porary election workers in several States. Federal Government employment was about unchanged.

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls edged up by 0.1 hour in September to 34.6 hours, seasonally adjusted. The manufacturing workweek and overtime hours remained at 42.0 and 4.6 hours, respectively. (See table B-8.)

As a result of increases in both employment and hours, the index of aggregate weekly hours of private production or nonsupervisory workers on nonfarm payrolls increased by 0.7 percent in September to 129.8 (1982=100), after seasonal adjustment. The index for manufacturing, however, was unchanged over the month at 105.6. (See table B-9.)

Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers increased by 0.3 percent in September to \$11.16, seasonally adjusted. Weekly earnings increased by 0.6 percent to \$386.14. Over the year, hourly earnings increased by 2.6 percent and weekly earnings by 3.2 percent. (See tables B-11 and B-15.)

Scheduled Release Dates			
Employment and unemployment data are scheduled for initial release on the following dates:			
<i>Reference month</i>	<i>Release date</i>	<i>Reference month</i>	<i>Release date</i>
October	November 4	January	February 3
November	December 2	February	March 10
December	January 6	March	April 7

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

(Numbers in thousands)

Category	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Labor force status													
Civilian noninstitutional population	193,971	194,151	194,321	194,472	195,953	196,090	196,213	196,363	196,510	196,693	196,859	197,043	197,248
Civilian labor force	128,108	128,580	128,662	128,898	130,667	130,778	130,580	130,747	130,774	130,248	130,457	131,189	131,343
Percent of population	66.0	66.2	66.2	66.3	66.7	66.7	66.6	66.6	66.5	66.2	66.3	66.6	66.6
Employed	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430	122,452	123,166	123,628
Percent of population	61.6	61.8	61.9	62.0	62.3	62.3	62.2	62.3	62.5	62.2	62.2	62.5	62.7
Unemployed	8,540	8,639	8,330	8,237	8,696	8,518	8,543	8,408	7,902	7,817	8,005	8,023	7,715
Not in labor force	65,863	65,571	65,659	65,574	65,286	65,314	65,633	65,616	65,736	66,445	66,403	65,854	65,905
Unemployment rates													
All workers	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0	6.1	6.1	5.9
Men, 20 years and over	8.3	6.2	5.9	5.8	5.9	6.0	5.8	5.6	5.2	5.3	5.6	5.4	5.1
Women, 20 years and over	5.8	5.8	5.7	5.7	8.0	5.7	6.0	5.6	5.4	5.4	5.3	5.4	5.3
Both sexes, 16 to 19 years	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9	17.7	17.5	17.0
White	5.8	6.1	5.6	5.6	5.8	5.6	5.7	5.8	5.2	5.3	5.4	5.3	5.1
Black	12.5	11.9	12.5	11.5	13.1	12.9	12.5	11.8	11.5	11.2	11.2	11.5	10.7
Hispanic origin	10.0	11.4	10.4	10.5	10.6	10.0	10.0	10.8	9.5	10.3	10.1	10.2	10.2

NOTE: Data for 1994 are not directly comparable with data for 1993 and earlier years. January 1994¹ in the February 1994 issue of *Employment and Earnings*. For additional information, see "Revisions in the Current Population Survey Effective

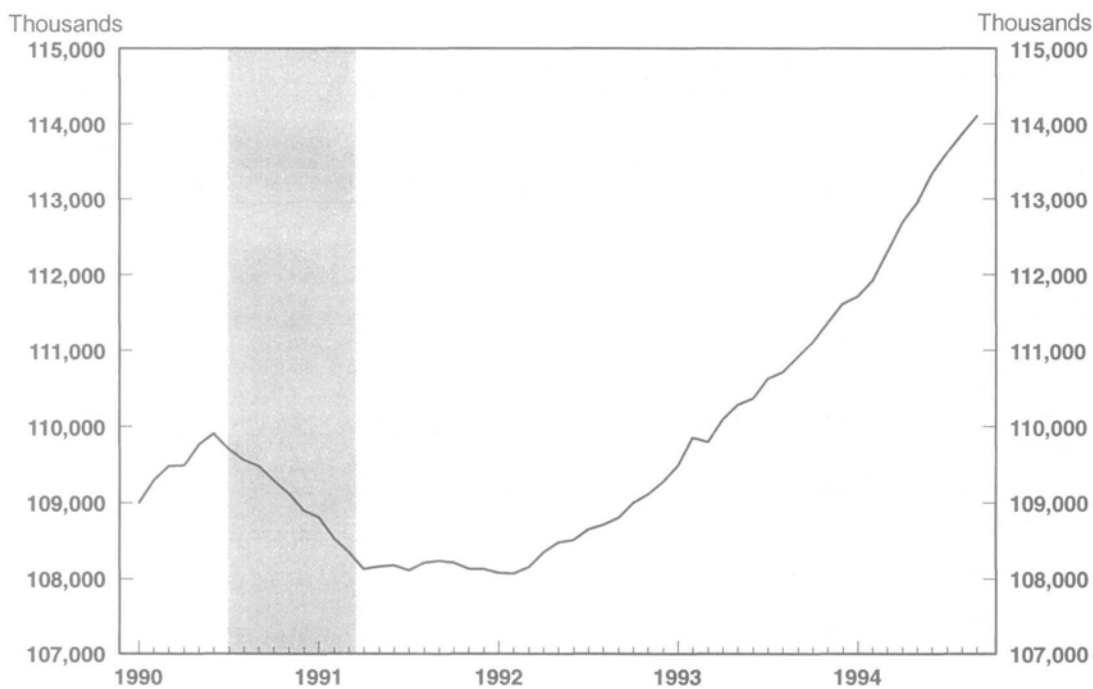
Summary table B. Employment, hours, and earnings of production or nonsupervisory workers on nonfarm payrolls, seasonally adjusted

(Numbers in thousands)

Industry	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Employment													
Total	110,923	111,112	111,366	111,610	111,711	111,919	112,298	112,899	112,951	113,334	113,824	113,870	114,109
Total private	92,036	92,239	92,479	92,692	92,810	93,003	93,357	93,718	93,937	94,316	94,601	94,814	94,988
Goods-producing industries	23,206	23,245	23,261	23,298	23,328	23,327	23,395	23,506	23,519	23,576	23,590	23,627	23,642
Mining	605	605	604	618	618	812	609	606	603	605	601	602	601
Construction	4,667	4,700	4,733	4,738	4,744	4,745	4,806	4,893	4,907	4,927	4,944	4,941	4,960
Manufacturing	17,934	17,940	17,944	17,942	17,988	17,970	17,980	18,007	18,009	18,044	18,045	18,084	18,081
Service-producing industries	67,717	67,667	68,085	68,312	68,383	68,592	68,903	69,193	69,432	69,758	70,034	70,243	70,467
Transportation and public utilities	5,783	5,798	5,800	5,792	5,793	5,603	5,816	5,759	5,843	5,849	5,857	5,864	5,881
Wholesale trade	5,962	5,965	5,971	5,976	5,990	6,003	6,013	6,028	6,037	6,049	6,053	6,071	6,081
Retail trade	19,605	19,822	19,848	19,931	19,924	19,965	20,026	20,137	20,153	20,279	20,386	20,410	20,450
Finance, insurance, and real estate	6,735	6,748	6,763	6,769	6,771	6,778	6,781	6,791	6,767	6,798	6,797	6,802	6,793
Services	30,545	30,661	30,816	30,926	31,004	31,129	31,326	31,497	31,598	31,765	31,918	32,040	32,141
Government	18,887	18,873	18,887	18,918	18,901	18,916	18,941	18,981	19,014	19,018	19,023	19,058	19,121
Over-the-month change													
Total	209	169	254	244	101	206	379	401	252	383	290	246	239
Total private	144	203	240	213	118	193	354	361	219	379	285	213	174
Goods-producing industries	-1	39	36	17	30	-1	68	111	13	57	14	37	15
Mining	3	0	-1	14	-2	-4	-3	-3	-3	2	-4	1	-1
Construction	8	33	33	5	6	1	61	67	14	20	17	-3	19
Manufacturing	-12	6	4	-2	28	2	10	27	2	35	1	39	-3
Service-producing industries	210	150	218	227	71	209	311	290	239	328	276	209	224
Transportation and public utilities	-3	15	2	-8	1	10	13	-57	84	6	8	7	17
Wholesale trade	8	3	6	5	14	13	10	15	9	12	4	18	10
Retail trade	35	17	26	83	-7	41	61	111	16	126	107	24	40
Finance, insurance, and real estate	11	13	15	6	2	5	5	10	-4	11	-1	5	-9
Services	94	118	155	110	78	125	197	171	101	167	153	122	101
Government	65	-14	14	31	-17	15	25	40	33	4	5	33	65
Hours of work¹													
Total private	34.4	34.5	34.6	34.5	34.8	34.3	34.6	34.7	34.6	34.6	34.6	34.5	34.6
Manufacturing	41.5	41.8	41.7	41.7	41.7	41.3	42.1	42.2	42.1	42.0	42.0	42.0	42.0
Overtime	4.2	4.3	4.4	4.4	4.5	4.5	4.7	4.8	4.7	4.7	4.6	4.8	4.6
Indexes of aggregate weekly hours (1982=100)¹													
Total private	124.4	125.3	125.8	125.9	127.1	125.8	127.3	128.2	129.1	128.8	129.3	128.9	129.8
Manufacturing	102.5	102.9	103.3	103.3	103.7	102.6	104.9	105.4	105.1	105.3	105.2	105.8	105.6
Earnings¹													
Average hourly earnings, total private:													
Current dollars	\$10.88	\$10.92	\$10.94	\$10.96	\$11.02	\$11.03	\$11.02	\$11.05	\$11.09	\$11.08	\$11.11	\$11.13	\$11.16
Constant (1982) dollars ²	7.40	7.39	7.39	7.40	7.43	7.42	7.39	7.40	7.42	7.39	7.38	7.36	N.A.
Average weekly earnings, total private	374.27	378.74	378.52	378.12	383.50	378.33	381.29	383.44	385.93	383.37	384.41	383.99	\$386.14

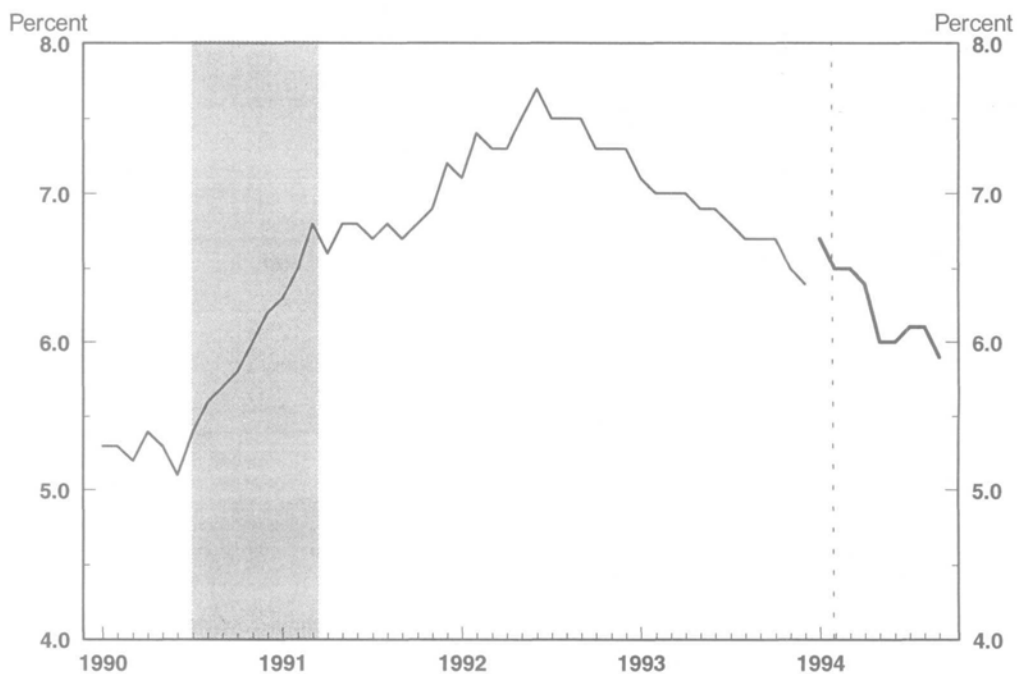
¹ Data relate to private production or nonsupervisory workers. N.A. = not available.
² The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate this series. ^P = preliminary.

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	
Annual averages										
1961	118,771	70,459	59.3	65,746	55.4	5,200	60,546	4,714	6.7	48,312
1962 ¹	120,153	70,614	58.8	66,702	55.5	4,944	61,759	3,911	5.5	49,539
1963	122,416	71,833	58.7	67,762	55.4	4,687	63,076	4,070	5.7	50,583
1964	124,485	73,091	58.7	69,305	55.7	4,523	64,782	3,786	5.2	51,394
1965	126,513	74,455	58.9	71,088	56.2	4,361	66,726	3,366	4.5	52,058
1966	128,058	75,770	59.2	72,895	56.9	3,979	68,915	2,875	3.8	52,288
1967	129,874	77,347	59.6	74,372	57.3	3,844	70,527	2,975	3.8	52,527
1968	132,028	78,737	59.6	75,920	57.5	3,817	72,103	2,817	3.6	53,291
1969	134,335	80,734	60.1	77,902	58.0	3,606	74,296	2,832	3.5	53,602
1970	137,085	82,771	60.4	78,678	57.4	3,463	75,215	4,093	4.9	54,315
1971	140,216	84,382	60.2	79,367	56.6	3,394	75,972	5,016	5.9	55,834
1972 ¹	144,126	87,034	60.4	82,153	57.0	3,484	78,669	4,882	5.6	57,091
1973 ¹	147,096	89,429	60.8	85,064	57.8	3,470	81,594	4,365	4.9	57,667
1974	150,120	91,949	61.3	86,794	57.8	3,515	83,279	5,156	5.6	58,171
1975	153,153	93,775	61.2	85,846	56.1	3,408	82,438	7,929	8.5	59,377
1976	156,150	96,158	61.6	88,752	56.8	3,331	85,421	7,406	7.7	59,991
1977	159,033	99,009	62.3	92,017	57.9	3,283	88,734	6,991	7.1	60,025
1978 ¹	161,910	102,251	63.2	96,048	59.3	3,387	92,661	6,202	6.1	59,659
1979	164,863	104,962	63.7	98,824	59.9	3,347	95,477	6,137	5.8	59,900
1980	167,745	106,940	63.8	99,303	59.2	3,364	95,938	7,637	7.1	60,806
1981	170,130	108,670	63.9	100,397	59.0	3,368	97,030	8,273	7.6	61,460
1982	172,271	110,204	64.0	99,526	57.8	3,401	96,125	10,678	9.7	62,067
1983	174,215	111,550	64.0	100,834	57.9	3,383	97,450	10,717	9.6	62,665
1984	176,383	113,544	64.4	105,005	59.5	3,321	101,685	8,539	7.5	62,639
1985	178,206	115,461	64.8	107,150	60.1	3,179	103,971	8,312	7.2	62,744
1986 ¹	180,587	117,834	65.3	109,597	60.7	3,163	106,434	8,237	7.0	62,752
1987	182,753	119,865	65.6	112,440	61.5	3,208	109,232	7,425	6.2	62,888
1988	184,613	121,669	65.9	114,968	62.3	3,169	111,800	6,701	5.5	62,944
1989	186,393	123,869	66.5	117,342	63.0	3,199	114,142	6,528	5.3	62,523
1990	188,049	124,787	66.4	117,914	62.7	3,186	114,728	6,874	5.5	63,262
1991	189,765	125,303	66.0	116,877	61.6	3,233	113,644	8,426	6.7	64,462
1992	191,576	126,982	66.3	117,598	61.4	3,207	114,391	9,384	7.4	64,593
1993	193,550	128,040	66.2	119,306	61.6	3,074	116,232	8,734	6.8	65,509
Monthly data, seasonally adjusted²										
1993:										
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
1994:										
January ³	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	118,867	8,518	6.5	65,314
March	196,213	130,560	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
August	197,043	131,189	66.6	123,166	62.5	3,444	119,722	8,023	6.1	65,854
September	197,248	131,343	66.6	123,628	62.7	3,409	120,219	7,715	5.9	65,905

¹ 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.

² The population figures are not adjusted for seasonal variation.

³ 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-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	
Annual averages										
MEN										
1983	82,531	63,047	76.4	56,787	68.6	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	84,469	64,411	76.3	59,891	70.9	2,535	57,356	4,521	7.0	20,058
1986 ¹	85,798	65,422	76.3	60,892	71.0	2,511	58,381	4,530	6.9	20,378
1987	86,899	66,207	76.2	62,107	71.5	2,543	59,564	4,101	6.2	20,892
1988	87,857	66,927	76.2	63,273	72.0	2,493	60,780	3,655	5.5	20,930
1989	88,762	67,840	76.4	64,315	72.5	2,513	61,802	3,525	5.2	20,923
1990	89,850	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	63,605	69.7	2,534	61,270	5,380	7.8	22,358
1993	92,620	69,633	75.2	64,700	69.9	2,438	62,263	4,932	7.1	22,987
Monthly data, seasonally adjusted²										
1993:										
September	92,843	69,580	74.9	64,756	69.7	2,455	62,301	4,824	6.9	23,263
October	92,941	69,820	75.1	64,971	69.9	2,376	62,595	4,849	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	93,118	69,813	75.0	65,259	70.1	2,461	62,798	4,554	6.5	23,303
1994:										
January ³	93,909	70,744	75.3	65,963	70.2	2,545	63,419	4,781	6.8	23,165
February	93,982	70,644	75.2	65,821	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	66,038	70.2	2,585	63,471	4,585	6.5	23,497
May	94,196	70,584	74.9	66,301	70.4	2,592	63,709	4,283	6.1	23,812
June	94,294	70,328	74.6	66,135	70.1	2,469	63,666	4,193	6.0	23,965
July	94,377	70,513	74.7	66,036	70.0	2,463	63,573	4,478	6.3	23,864
August	94,469	70,833	75.0	66,452	70.3	2,585	63,666	4,361	6.2	23,636
September	94,576	70,895	74.7	66,572	70.4	2,499	64,073	4,123	5.8	23,881
Annual averages										
WOMEN										
1983	91,684	46,503	50.8	44,047	48.0	690	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	93,738	51,050	54.5	47,259	50.4	644	46,615	3,791	7.4	42,686
1986 ¹	94,789	52,413	55.3	48,706	51.4	652	48,054	3,707	7.1	42,376
1987	95,853	53,858	56.2	50,334	52.5	666	49,668	3,324	6.7	42,195
1988	96,756	54,742	56.5	51,696	53.4	678	51,020	3,046	5.9	42,014
1989	97,630	55,030	56.4	53,027	54.3	687	52,341	3,003	5.7	41,601
1990	98,399	55,554	56.4	53,479	54.3	679	52,800	3,075	5.8	41,845
1991	99,214	56,893	57.3	53,284	53.7	682	52,602	3,609	6.3	42,321
1992	100,035	57,798	57.8	53,793	53.8	673	53,121	4,005	6.9	42,237
1993	100,930	58,407	57.9	54,606	54.1	636	53,970	3,801	6.5	42,522
Monthly data, seasonally adjusted²										
1993:										
September	101,128	58,528	57.9	54,812	54.2	638	54,174	3,716	6.3	42,600
October	101,210	58,780	58.1	54,970	54.3	645	54,325	3,790	6.4	42,450
November	101,268	58,832	58.2	55,188	54.5	633	54,555	3,744	6.4	42,356
December	101,358	59,085	58.3	55,402	54.7	635	54,767	3,683	6.2	42,271
1994:										
January ³	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	58.8	56,097	54.9	825	55,272	3,954	6.6	42,119
April	102,244	60,125	58.8	56,302	55.1	893	55,409	3,823	6.4	42,119
May	102,314	60,190	58.8	56,571	55.3	644	55,928	3,619	6.0	42,124
June	102,399	59,919	58.5	56,295	55.0	766	55,528	3,625	6.0	42,480
July	102,482	59,943	58.5	56,416	55.0	815	55,800	3,528	5.9	42,539
August	102,575	60,358	58.8	56,714	55.3	859	55,856	3,642	6.0	42,218
September	102,672	60,647	59.1	57,056	55.6	910	56,146	3,592	5.9	42,024

¹ 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.

² The population figures are not adjusted for seasonal variation.

³ 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
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, sex, and age	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
TOTAL													
Civilian noninstitutional population ¹	193,971	194,151	194,321	194,472	195,953	196,090	196,213	196,363	196,510	196,693	196,859	197,043	197,248
Civilian labor force	128,108	128,580	128,662	128,898	130,667	130,776	130,580	130,747	130,774	130,248	130,457	131,189	131,343
Percent of population	66.0	66.2	66.2	66.3	66.7	66.7	66.6	66.6	66.5	66.2	66.3	66.6	66.6
Employed	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430	122,452	123,166	123,628
Employment-population ratio ²	61.6	61.8	61.9	62.0	62.2	62.3	62.2	62.3	62.5	62.2	62.2	62.5	62.7
Unemployed	8,540	8,639	8,330	8,237	8,696	8,518	8,543	8,408	7,902	7,817	8,005	8,023	7,715
Unemployment rate	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0	6.1	6.1	5.9
Men, 16 years and over													
Civilian noninstitutional population ¹	92,843	92,941	93,033	93,116	93,909	93,982	94,042	94,119	94,196	94,294	94,377	94,469	94,576
Civilian labor force	69,580	69,820	69,730	69,813	70,744	70,644	70,529	70,621	70,584	70,328	70,513	70,833	70,695
Percent of population	74.9	75.1	75.0	75.0	75.3	75.2	75.0	75.0	74.9	74.6	74.7	75.0	74.7
Employed	64,756	64,971	65,144	65,259	65,963	65,921	65,940	66,036	66,301	66,135	66,036	66,452	66,572
Employment-population ratio ²	69.7	69.9	70.0	70.1	70.2	70.1	70.1	70.2	70.4	70.1	70.0	70.3	70.4
Agriculture	2,455	2,376	2,481	2,461	2,545	2,566	2,601	2,565	2,592	2,469	2,463	2,585	2,499
Nonagricultural industries	62,301	62,595	62,663	62,798	63,419	63,356	63,339	63,471	63,709	63,666	63,573	63,866	64,073
Unemployed	4,824	4,849	4,586	4,554	4,781	4,723	4,589	4,585	4,283	4,193	4,478	4,381	4,123
Unemployment rate	6.9	6.9	6.6	6.5	6.8	6.7	6.5	6.5	6.1	6.0	6.3	6.2	5.8
Not in labor force	23,263	23,121	23,303	23,303	23,165	23,336	23,513	23,497	23,612	23,965	23,864	23,636	23,881
Men, 20 years and over													
Civilian noninstitutional population ¹	86,075	86,156	86,245	86,373	86,778	86,820	86,901	86,946	87,000	87,095	87,123	87,248	87,321
Civilian labor force	66,038	66,306	66,198	66,321	66,806	66,764	66,723	66,701	66,692	66,409	66,596	66,856	66,839
Percent of population	76.7	77.0	76.8	76.8	77.0	76.9	76.8	76.7	76.7	76.2	76.4	76.6	76.5
Employed	61,901	62,172	62,315	62,444	62,842	62,778	62,857	62,958	63,192	62,916	62,889	63,216	63,421
Employment-population ratio ²	71.9	72.2	72.3	72.3	72.4	72.3	72.3	72.4	72.6	72.2	72.2	72.5	72.6
Agriculture	2,264	2,223	2,330	2,300	2,352	2,339	2,358	2,376	2,412	2,307	2,285	2,395	2,255
Nonagricultural industries	59,637	59,949	59,981	60,144	60,490	60,439	60,499	60,582	60,780	60,609	60,605	60,820	61,167
Unemployed	4,137	4,134	3,883	3,877	3,964	3,988	3,866	3,743	3,500	3,493	3,706	3,640	3,418
Unemployment rate	6.3	6.2	5.9	5.8	5.9	6.0	5.8	5.6	5.2	5.3	5.6	5.4	5.1
Not in labor force	20,037	19,850	20,047	20,052	19,972	20,056	20,178	20,246	20,308	20,686	20,528	20,392	20,482
Women, 16 years and over													
Civilian noninstitutional population ¹	101,128	101,210	101,288	101,356	102,044	102,107	102,171	102,244	102,314	102,399	102,482	102,575	102,672
Civilian labor force	58,528	58,760	58,932	59,085	59,923	60,132	60,051	60,125	60,190	59,919	59,943	60,356	60,647
Percent of population	57.9	58.1	58.2	58.3	58.7	58.9	58.8	58.8	58.8	58.5	58.5	58.8	59.1
Employed	54,812	54,970	55,188	55,402	56,007	56,336	56,097	56,302	56,571	56,295	56,416	56,714	57,056
Employment-population ratio ²	54.2	54.3	54.5	54.7	54.9	55.2	54.9	55.1	55.3	55.0	55.0	55.3	55.6
Agriculture	638	645	633	635	787	825	825	893	844	766	815	859	910
Nonagricultural industries	54,174	54,325	54,555	54,767	55,221	55,511	55,272	55,409	55,728	55,528	55,600	55,856	56,146
Unemployed	3,716	3,790	3,744	3,683	3,916	3,795	3,954	3,823	3,619	3,625	3,528	3,642	3,592
Unemployment rate	6.3	6.4	6.4	6.2	6.5	6.3	6.6	6.4	6.0	6.0	5.9	6.0	5.9
Not in labor force	42,600	42,450	42,356	42,271	42,121	41,976	42,119	42,119	42,124	42,480	42,539	42,218	42,024
Women, 20 years and over													
Civilian noninstitutional population ¹	94,575	94,656	94,709	94,764	95,109	95,159	95,225	95,282	95,329	95,407	95,469	95,544	95,658
Civilian labor force	55,251	55,462	55,621	55,783	56,368	56,611	56,487	56,410	56,548	56,214	56,367	56,774	57,217
Percent of population	58.4	58.6	58.7	58.9	59.3	59.5	59.3	59.2	59.3	58.9	59.0	59.4	59.8
Employed	52,072	52,243	52,423	52,631	53,014	53,403	53,121	53,265	53,521	53,181	53,394	53,711	54,161
Employment-population ratio ²	55.1	55.2	55.4	55.5	55.7	56.1	55.8	55.9	56.1	55.7	55.9	56.2	56.6
Agriculture	596	601	597	599	744	766	773	837	787	726	781	817	855
Nonagricultural industries	51,476	51,642	51,826	52,032	52,270	52,638	52,348	52,428	52,734	52,455	52,613	52,894	53,306
Unemployed	3,179	3,219	3,198	3,152	3,354	3,208	3,366	3,145	3,027	3,033	2,972	3,063	3,056
Unemployment rate	5.8	5.8	5.7	5.7	6.0	5.7	6.0	5.6	5.4	5.4	5.3	5.4	5.3
Not in labor force	39,324	39,194	39,088	38,981	38,742	38,548	38,738	38,872	38,781	39,193	39,103	38,770	38,441
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,321	13,339	13,367	13,335	14,066	14,111	14,087	14,135	14,181	14,191	14,267	14,251	14,269
Civilian labor force	6,819	6,812	6,843	6,794	7,493	7,401	7,370	7,636	7,534	7,625	7,495	7,560	7,286
Percent of population	51.2	51.1	51.2	50.9	53.3	52.4	52.3	54.0	53.1	53.7	52.5	53.0	51.1
Employed	5,595	5,526	5,594	5,586	6,115	6,076	6,059	6,116	6,159	6,333	6,168	6,239	6,046
Employment-population ratio ²	42.0	41.4	41.8	41.9	43.5	43.1	43.0	43.3	43.4	44.6	43.2	43.8	42.4
Agriculture	233	197	183	197	236	287	295	245	236	203	212	231	300
Nonagricultural industries	5,362	5,329	5,411	5,389	5,879	5,790	5,764	5,870	5,923	6,130	5,956	6,008	5,746
Unemployed	1,224	1,286	1,249	1,208	1,378	1,325	1,311	1,520	1,375	1,292	1,327	1,320	1,240
Unemployment rate	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9	17.7	17.5	17.0
Not in labor force	6,502	6,527	6,524	6,541	6,573	6,710	6,717	6,499	6,647	6,566	6,772	6,692	6,983

¹ The population figures are not adjusted for seasonal variation.

² 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*.

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
WHITE													
Civilian noninstitutional population ¹	164,190	164,309	164,421	164,516	185,014	165,096	165,188	165,259	165,351	165,472	165,578	165,696	165,832
Civilian labor force	109,492	110,009	109,804	110,016	110,802	110,934	110,633	110,673	110,797	110,358	110,768	111,242	111,417
Percent of population	66.7	67.0	66.8	66.9	67.1	67.2	67.0	67.0	67.0	68.7	68.9	67.1	67.2
Employed	103,094	103,273	103,662	103,807	104,355	104,669	104,314	104,450	105,038	104,555	104,831	105,400	105,756
Employment-population ratio ²	62.8	62.9	63.0	63.1	63.2	63.4	63.2	63.2	63.5	63.2	63.3	63.6	63.8
Unemployed	6,398	6,736	6,142	6,209	6,447	6,264	6,319	6,222	5,760	5,804	5,936	5,842	5,661
Unemployment rate	5.8	6.1	5.6	5.6	5.8	5.6	5.7	5.6	5.2	5.3	5.4	5.3	5.1
Men, 20 years and over													
Civilian labor force	57,097	57,390	57,123	57,280	57,457	57,333	57,258	57,175	57,113	57,002	57,254	57,363	57,445
Percent of population	77.3	77.7	77.2	77.4	77.6	77.4	77.2	77.1	77.0	76.8	77.1	77.1	77.2
Employed	53,948	54,144	54,279	54,283	54,438	54,344	54,283	54,297	54,466	54,354	54,466	54,677	54,919
Employment-population ratio ²	73.1	73.3	73.4	73.3	73.5	73.3	73.2	73.2	73.4	73.2	73.3	73.5	73.8
Unemployed	3,149	3,246	2,844	2,997	3,019	2,989	2,975	2,878	2,647	2,648	2,788	2,686	2,526
Unemployment rate	5.5	5.7	5.0	5.2	5.3	5.2	5.2	5.0	4.6	4.6	4.9	4.7	4.4
Women, 20 years and over													
Civilian labor force	46,544	46,710	46,768	46,872	47,025	47,281	47,085	46,951	47,222	46,938	47,183	47,451	47,851
Percent of population	58.4	58.5	58.6	58.7	59.0	59.3	59.0	58.8	59.1	58.7	59.0	59.3	59.7
Employed	44,207	44,223	44,392	44,554	44,631	45,002	44,724	44,755	45,110	44,686	44,949	45,228	45,628
Employment-population ratio ²	55.4	55.4	55.6	55.8	56.0	56.4	56.0	56.0	56.5	55.9	56.2	56.5	57.0
Unemployed	2,337	2,487	2,376	2,318	2,393	2,279	2,360	2,196	2,113	2,252	2,234	2,223	2,223
Unemployment rate	5.0	5.3	5.1	4.9	5.1	4.8	5.0	4.7	4.5	4.8	4.7	4.7	4.6
Both sexes, 16 to 19 years													
Civilian labor force	5,851	5,909	5,913	5,864	6,321	6,319	6,290	6,546	6,463	6,418	6,330	6,427	6,121
Percent of population	55.1	55.6	55.6	55.1	56.5	58.4	56.1	58.3	57.5	57.0	56.1	56.9	54.2
Employed	4,939	4,906	4,991	4,970	5,286	5,323	5,306	5,398	5,462	5,515	5,416	5,495	5,210
Employment-population ratio ²	46.5	46.2	46.9	46.7	47.3	47.5	47.3	48.0	48.6	49.0	48.0	48.7	46.1
Unemployed	912	1,003	922	894	1,034	996	984	1,148	1,000	904	914	933	911
Unemployment rate	15.6	17.0	15.6	15.2	16.4	15.8	15.6	17.5	15.5	14.1	14.4	14.5	14.9
Men	16.8	17.9	17.7	16.9	18.5	16.7	16.7	19.0	17.3	14.7	16.1	15.1	16.4
Women	14.3	16.0	13.3	13.4	14.0	14.7	14.6	16.0	13.5	13.5	12.6	13.8	13.1
BLACK													
Civilian noninstitutional population ¹	22,408	22,442	22,475	22,504	22,723	22,751	22,774	22,799	22,824	22,855	22,883	22,917	22,955
Civilian labor force	13,952	13,945	14,057	14,011	14,368	14,487	14,573	14,523	14,497	14,502	14,351	14,401	14,461
Percent of population	62.3	62.1	62.5	62.3	63.2	63.7	64.0	63.7	63.5	63.5	62.7	62.8	63.0
Employed	12,202	12,292	12,297	12,397	12,482	12,624	12,749	12,813	12,825	12,874	12,739	12,746	12,912
Employment-population ratio ²	54.5	54.8	54.7	55.1	54.9	55.5	56.0	56.2	56.2	56.3	55.7	55.6	56.2
Unemployed	1,750	1,653	1,760	1,614	1,887	1,863	1,824	1,710	1,672	1,628	1,612	1,655	1,549
Unemployment rate	12.5	11.9	12.5	11.5	13.1	12.9	12.5	11.8	11.5	11.2	11.2	11.5	10.7
Men, 20 years and over													
Civilian labor force	6,507	6,482	6,529	6,469	6,563	6,697	6,633	6,622	6,715	6,581	6,537	6,544	6,623
Percent of population	71.8	71.5	71.8	70.9	72.1	73.4	72.7	72.5	73.4	71.8	71.4	71.2	71.9
Employed	5,717	5,770	5,725	5,787	5,753	5,884	5,953	5,962	6,046	5,944	5,854	5,860	5,960
Employment-population ratio ²	63.1	63.6	63.0	63.5	63.2	64.5	65.2	65.2	66.1	64.9	64.0	63.8	64.7
Unemployed	790	712	804	682	810	813	679	660	666	637	683	684	662
Unemployment rate	12.1	11.0	12.3	10.5	12.3	12.1	10.2	10.0	9.9	9.7	10.5	10.5	10.0
Women, 20 years and over													
Civilian labor force	6,686	6,731	6,766	6,801	6,917	6,993	7,117	7,065	6,990	7,038	6,939	7,015	6,994
Percent of population	59.5	59.8	60.1	60.3	60.5	61.1	62.2	61.6	60.9	61.3	60.4	60.9	60.7
Employed	6,001	6,059	6,111	6,143	6,121	6,224	6,253	6,317	6,300	6,379	6,343	6,354	6,368
Employment-population ratio ²	53.4	53.9	54.2	54.5	53.6	54.4	54.6	55.1	54.9	55.5	55.2	55.2	55.2
Unemployed	685	672	655	658	796	769	865	747	690	659	596	661	626
Unemployment rate	10.2	10.0	9.7	9.7	11.5	11.0	12.1	10.6	9.9	9.4	8.6	9.4	8.9

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	759	732	762	741	889	796	823	837	792	882	876	842	844
Percent of population	35.9	34.5	35.9	35.2	40.5	38.3	37.5	38.1	36.0	40.0	39.2	38.1	38.1
Employed	484	463	461	467	607	515	543	534	476	551	542	532	584
Employment-population ratio ²	22.9	21.8	21.7	22.2	27.7	23.5	24.7	24.3	21.6	25.0	24.3	24.1	26.3
Unemployed	275	269	301	274	281	281	280	303	316	331	333	310	261
Unemployment rate	36.2	36.7	39.5	37.0	31.7	35.3	34.0	36.2	39.9	37.6	38.1	36.8	30.9
Men	39.7	40.6	39.2	38.8	38.1	40.1	37.5	40.8	42.8	40.0	43.0	42.3	29.1
Women	32.3	32.8	39.7	35.2	25.5	30.5	30.2	31.3	36.5	34.9	32.3	30.4	32.8
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	15,871	15,917	15,967	16,014	17,849	17,896	17,942	17,993	18,041	18,092	18,143	18,193	18,244
Civilian labor force	10,433	10,586	10,575	10,625	11,746	11,835	11,871	11,880	11,929	11,850	11,949	11,958	12,022
Percent of population	65.7	66.5	66.2	66.3	65.8	66.1	66.2	66.0	66.1	65.5	65.9	65.7	65.9
Employed	9,394	9,384	9,476	9,513	10,495	10,650	10,680	10,595	10,801	10,634	10,736	10,734	10,796
Employment-population ratio ²	59.2	59.0	59.3	59.4	58.8	59.5	59.5	58.9	59.9	58.8	59.2	59.0	59.2
Unemployed	1,039	1,202	1,099	1,112	1,251	1,185	1,190	1,285	1,127	1,217	1,212	1,224	1,226
Unemployment rate	10.0	11.4	10.4	10.5	10.6	10.0	10.0	10.8	9.5	10.3	10.1	10.2	10.2

¹ The population figures are not adjusted for seasonal variation.

² 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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
EMPLOYED													
Full-time workers	98,690	98,945	99,373	99,595	97,940	98,574	98,488	99,307	99,763	99,286	99,684	100,270	100,736
Men, 16 years and over	57,833	57,876	58,115	58,265	57,714	57,971	58,395	58,558	58,707	58,688	58,744	59,065	59,076
Men, 20 years and over	56,718	56,770	57,032	57,156	56,657	56,942	57,380	57,569	57,619	57,457	57,538	57,805	57,963
Women, 16 years and over	40,953	41,085	41,284	41,386	40,291	40,601	40,083	40,647	41,025	40,653	40,946	41,287	41,658
Women, 20 years and over	40,066	40,334	40,511	40,632	39,496	39,816	39,312	39,871	40,297	39,854	40,266	40,564	40,964
Both sexes, 16 to 19 years	1,906	1,841	1,830	1,807	1,787	1,817	1,795	1,868	1,847	1,975	1,880	1,901	1,809
Part-time workers	20,867	20,997	20,961	21,060	23,932	23,641	23,539	22,966	23,132	23,138	22,858	22,902	22,999
Men, 16 years and over	7,009	7,156	7,069	7,035	8,214	7,928	7,536	7,413	7,530	7,436	7,291	7,387	7,625
Men, 20 years and over	5,236	5,392	5,283	5,268	6,148	5,839	5,500	5,400	5,560	5,469	5,372	5,380	5,530
Women, 16 years and over	13,897	13,886	13,900	14,056	15,720	15,724	16,004	15,566	15,577	15,661	15,495	15,464	15,420
Women, 20 years and over	11,921	11,909	11,916	12,039	13,523	13,574	13,802	13,391	13,283	13,357	13,157	13,150	13,204
Both sexes, 16 to 19 years	3,710	3,696	3,762	3,753	4,260	4,228	4,237	4,175	4,288	4,312	4,329	4,372	4,265
UNEMPLOYED													
Looking for full-time work	6,964	7,044	6,707	6,760	7,160	7,008	6,956	6,833	6,319	6,414	6,561	6,462	6,332
Men, 16 years and over	4,138	4,193	3,978	3,963	4,205	4,070	3,803	3,910	3,617	3,642	3,854	3,752	3,609
Men, 20 years and over	3,851	3,668	3,581	3,651	3,767	3,677	3,526	3,499	3,230	3,228	3,423	3,340	3,183
Women, 16 years and over	2,841	2,809	2,786	2,787	2,966	2,950	3,091	2,895	2,701	2,768	2,728	2,722	2,818
Women, 20 years and over	2,613	2,590	2,542	2,568	2,749	2,710	2,835	2,567	2,451	2,475	2,424	2,469	2,546
Both sexes, 16 to 19 years	500	586	584	541	644	621	595	767	638	711	714	653	604
Looking for part-time work	1,557	1,623	1,565	1,489	1,581	1,488	1,595	1,589	1,520	1,426	1,466	1,566	1,389
Men, 16 years and over	671	652	616	606	681	645	701	627	651	600	614	645	589
Men, 20 years and over	292	270	259	254	276	280	314	232	257	270	297	301	252
Women, 16 years and over	881	1,016	957	868	890	855	891	956	860	835	840	910	773
Women, 20 years and over	567	651	643	575	580	502	552	595	530	563	547	586	509
Both sexes, 16 to 19 years	698	702	663	660	726	706	728	762	734	593	621	680	628
UNEMPLOYMENT RATES¹													
Full-time workers	6.6	6.6	6.3	6.4	6.8	6.6	6.6	6.4	6.0	6.1	6.2	6.1	5.9
Men, 16 years and over	6.7	6.8	6.4	6.4	6.8	6.6	6.1	6.3	5.8	5.8	6.2	6.0	5.8
Men, 20 years and over	6.4	6.4	5.9	6.0	6.2	6.1	5.8	5.7	5.3	5.3	5.6	5.5	5.2
Women, 16 years and over	6.5	6.4	6.3	6.3	6.9	6.8	7.2	6.6	6.2	6.4	6.2	6.2	6.3
Women, 20 years and over	6.1	6.0	5.9	5.9	6.5	6.4	6.7	6.0	5.7	5.8	5.7	5.7	5.9
Both sexes, 16 to 19 years	20.8	24.1	24.2	23.0	26.5	25.5	24.9	29.1	25.7	26.5	27.5	25.6	25.0
Part-time workers	6.9	7.2	6.9	6.6	6.2	5.9	6.3	6.5	6.2	5.8	6.0	6.4	5.7
Men, 16 years and over	8.7	8.4	8.0	7.9	7.7	7.5	8.5	7.8	8.0	7.5	7.8	8.0	7.2
Men, 20 years and over	5.3	4.8	4.7	4.6	4.3	4.6	5.4	4.1	4.4	4.7	5.2	5.3	4.4
Women, 16 years and over	6.0	6.8	6.4	5.8	5.4	5.2	5.3	5.8	5.2	5.1	5.1	5.6	4.8
Women, 20 years and over	4.5	5.2	5.1	4.6	4.1	3.6	3.8	4.3	3.8	4.0	4.0	4.3	3.7
Both sexes, 16 to 19 years	15.8	16.0	15.0	15.0	14.6	14.3	14.7	15.4	14.6	12.1	12.5	13.5	12.8

¹ 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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
MARITAL STATUS													
Total	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430	122,452	123,166	123,628
Married men, spouse present	40,826	40,816	40,842	40,951	41,483	41,328	41,331	41,380	41,367	41,267	41,224	41,475	41,577
Married women, spouse present	30,509	30,641	30,872	31,051	31,579	31,709	31,310	31,345	31,324	31,054	31,379	31,567	31,967
Women who maintain families	6,833	6,784	6,704	6,693	6,796	7,133	7,369	7,191	7,094	6,978	7,013	6,932	7,016
OCCUPATION													
Managerial and professional specialty	32,538	32,635	32,739	32,764	33,008	33,122	33,152	33,415	34,103	33,901	33,859	33,931	34,303
Technical, sales, and administrative support	36,832	36,965	36,974	37,243	37,411	37,191	37,060	36,796	36,624	36,811	37,194	37,358	37,711
Service occupations	16,547	16,599	16,688	16,734	16,796	17,087	17,111	17,107	16,958	17,006	16,899	16,794	16,685
Precision production, craft, and repair	13,487	13,430	13,597	13,445	13,494	13,644	13,551	13,232	13,584	13,305	13,330	13,468	13,438
Operators, fabricators, and laborers	16,968	16,996	16,958	17,209	17,685	17,645	17,581	17,888	17,947	17,934	17,762	17,964	18,019
Farming, forestry, and fishing	3,319	3,287	3,389	3,325	3,598	3,693	3,651	3,677	3,609	3,419	3,487	3,660	3,647
CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,667	1,657	1,719	1,724	1,641	1,677	1,719	1,693	1,757	1,629	1,637	1,737	1,702
Self-employed workers	1,319	1,274	1,311	1,269	1,590	1,633	1,661	1,710	1,654	1,582	1,606	1,667	1,616
Unpaid family workers	90	97	89	92	78	55	41	43	40	46	50	47	64
Nonagricultural industries:													
Wage and salary workers	107,331	107,727	107,975	108,247	109,526	109,547	109,365	109,749	110,243	110,052	110,082	110,393	111,159
Private industries	88,824	89,251	89,482	89,744	91,364	91,395	90,883	91,356	91,770	91,729	91,825	92,205	92,834
Private households	1,123	1,179	1,103	1,104	928	1,074	1,035	1,043	997	964	934	843	871
Other industries	87,701	88,072	88,379	88,640	90,436	90,321	89,849	90,313	90,773	90,765	90,891	91,362	91,963
Government	18,507	18,476	18,493	18,503	18,163	18,152	18,481	18,393	18,473	18,322	18,256	18,188	18,325
Self-employed workers	8,949	8,961	9,011	9,053	8,990	9,312	9,146	8,982	9,138	8,946	8,970	9,055	8,971
Unpaid family workers	250	229	223	217	142	143	117	131	121	154	138	141	134
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	6,394	6,202	6,126	6,217	5,167	4,643	4,992	4,757	4,878	4,785	4,425	4,284	4,260
Slack work or business conditions	3,167	3,072	3,037	3,099	2,561	2,301	2,538	2,363	2,571	2,535	2,430	2,393	2,403
Could only find part-time work	2,937	2,872	2,810	2,828	2,171	2,028	2,138	2,101	2,026	1,981	1,664	1,569	1,643
Part time for noneconomic reasons	15,182	15,201	15,290	15,373	17,744	17,674	17,519	17,072	17,346	17,339	18,059	18,171	17,599
Nonagricultural industries:													
Part time for economic reasons	6,173	5,957	5,904	5,934	4,842	4,384	4,762	4,613	4,688	4,590	4,224	4,092	4,075
Slack work or business conditions	3,006	2,927	2,905	2,922	2,439	2,169	2,411	2,241	2,449	2,430	2,315	2,271	2,290
Could only find part-time work	2,879	2,773	2,719	2,739	2,075	1,944	2,089	2,078	1,993	1,935	1,627	1,539	1,592
Part time for noneconomic reasons	14,757	14,788	14,858	14,909	17,056	17,081	16,893	16,463	16,721	16,842	17,443	17,559	16,946

¹Persons 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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430	122,452	123,166	123,628
16 to 24 years	17,679	17,648	17,663	17,709	18,637	18,898	18,723	18,798	19,006	19,193	18,776	18,918	18,812
16 to 19 years	5,595	5,526	5,594	5,586	6,115	6,076	6,059	6,116	6,159	6,333	6,168	6,239	6,046
16 to 17 years	2,193	2,162	2,194	2,240	2,435	2,351	2,363	2,408	2,510	2,530	2,499	2,593	2,550
18 to 19 years	3,412	3,375	3,406	3,350	3,657	3,706	3,674	3,704	3,661	3,765	3,673	3,653	3,498
20 to 24 years	12,084	12,122	12,069	12,123	12,522	12,822	12,664	12,683	12,847	12,860	12,608	12,679	12,767
25 years and over	101,899	102,310	102,665	102,976	103,312	103,402	103,352	103,451	103,951	103,299	103,706	104,187	104,856
25 to 54 years	87,275	87,479	87,968	88,197	88,308	88,582	88,750	88,709	88,915	88,497	88,901	89,334	89,930
55 years and over	14,612	14,787	14,806	14,831	15,036	14,862	14,614	14,709	14,939	14,784	14,730	14,916	14,909
Men, 16 years and over	64,756	64,971	65,144	65,259	65,963	65,921	65,940	66,036	66,301	66,135	66,036	66,452	66,572
16 to 24 years	9,182	9,179	9,171	9,165	9,711	9,939	9,754	9,808	9,940	9,992	9,803	9,961	9,969
16 to 19 years	2,855	2,799	2,829	2,815	3,121	3,143	3,083	3,078	3,109	3,219	3,147	3,236	3,151
16 to 17 years	1,120	1,106	1,133	1,152	1,220	1,205	1,197	1,242	1,262	1,251	1,291	1,295	1,349
18 to 19 years	1,745	1,701	1,705	1,670	1,886	1,925	1,876	1,842	1,845	1,944	1,866	1,924	1,806
20 to 24 years	6,327	6,380	6,342	6,350	6,590	6,795	6,671	6,730	6,831	6,772	6,657	6,725	6,818
25 years and over	55,581	55,823	55,970	56,089	56,244	56,035	56,203	56,182	56,387	56,174	56,232	56,432	56,622
25 to 54 years	47,386	47,496	47,791	47,860	47,944	47,943	48,173	48,117	48,191	48,046	48,064	48,163	48,382
55 years and over	8,199	8,318	8,241	8,253	8,333	8,115	8,036	8,070	8,126	8,116	8,102	8,255	8,259
Women, 16 years and over	54,812	54,970	55,188	55,402	56,007	56,336	56,097	56,302	56,571	56,295	56,416	56,714	57,056
16 to 24 years	8,497	8,469	8,492	8,544	8,926	8,959	8,970	8,991	9,066	9,201	8,973	8,958	8,843
16 to 19 years	2,740	2,727	2,765	2,771	2,994	2,933	2,976	3,038	3,050	3,114	3,021	3,003	2,895
16 to 17 years	1,073	1,056	1,061	1,088	1,215	1,147	1,167	1,166	1,248	1,278	1,208	1,299	1,201
18 to 19 years	1,667	1,674	1,701	1,680	1,771	1,781	1,799	1,862	1,816	1,821	1,807	1,729	1,692
20 to 24 years	5,757	5,742	5,727	5,773	5,932	6,026	5,993	5,953	6,016	6,088	5,952	5,955	5,949
25 years and over	46,318	46,487	46,695	46,887	47,069	47,367	47,149	47,269	47,564	47,125	47,473	47,754	48,234
25 to 54 years	39,889	39,983	40,177	40,337	40,364	40,578	40,591	40,724	40,451	40,837	41,171	41,548	
55 years and over	6,413	6,469	6,565	6,578	6,703	6,747	6,578	6,639	6,813	6,668	6,628	6,661	6,650

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	8,540	8,639	8,330	8,237	8,696	8,518	8,543	8,408	7,902	7,817	8,005	8,023	7,715
16 to 24 years	2,574	2,616	2,568	2,480	2,922	2,753	2,855	2,921	2,709	2,620	2,707	2,753	2,578
16 to 19 years	1,224	1,286	1,249	1,208	1,378	1,325	1,311	1,520	1,375	1,292	1,327	1,320	1,240
16 to 17 years	519	566	566	527	654	656	586	765	648	638	649	648	586
18 to 19 years	694	724	687	689	700	668	725	764	738	669	670	668	656
20 to 24 years	1,350	1,330	1,319	1,272	1,544	1,428	1,543	1,400	1,333	1,328	1,380	1,432	1,338
25 years and over	5,978	6,016	5,747	5,750	5,857	5,738	5,680	5,469	5,182	5,205	5,296	5,269	5,153
25 to 54 years	5,273	5,369	5,124	5,106	5,107	5,075	4,993	4,793	4,517	4,581	4,666	4,582	4,553
55 years and over	721	699	649	657	723	670	700	644	641	601	644	668	579
Men, 16 years and over	4,824	4,849	4,586	4,554	4,781	4,723	4,589	4,585	4,283	4,193	4,478	4,381	4,123
16 to 24 years	1,463	1,475	1,438	1,389	1,670	1,530	1,559	1,627	1,538	1,431	1,558	1,552	1,419
16 to 19 years	687	715	703	677	816	737	723	843	783	700	771	741	705
16 to 17 years	286	312	314	286	384	338	341	421	377	355	341	344	335
18 to 19 years	389	404	388	390	418	397	386	427	418	363	424	392	381
20 to 24 years	776	760	735	712	854	793	835	784	754	730	787	811	714
25 years and over	3,360	3,365	3,141	3,171	3,194	3,169	3,010	2,954	2,729	2,754	2,919	2,833	2,727
25 to 54 years	2,911	2,961	2,755	2,774	2,787	2,782	2,625	2,557	2,350	2,410	2,524	2,440	2,364
55 years and over	462	417	391	411	408	401	385	373	368	340	395	373	341
Women, 16 years and over	3,716	3,790	3,744	3,683	3,916	3,795	3,954	3,823	3,619	3,625	3,528	3,642	3,592
16 to 24 years	1,111	1,141	1,130	1,091	1,252	1,223	1,296	1,294	1,171	1,189	1,149	1,200	1,159
16 to 19 years	537	571	546	531	562	588	588	678	592	591	555	579	535
16 to 17 years	233	254	252	241	271	318	245	344	271	283	308	304	263
18 to 19 years	305	320	299	299	283	272	339	337	320	306	247	276	275
20 to 24 years	574	570	584	560	690	635	708	617	579	598	593	621	624
25 years and over	2,618	2,651	2,606	2,579	2,664	2,568	2,670	2,515	2,453	2,451	2,377	2,436	2,427
25 to 54 years	2,362	2,408	2,369	2,332	2,320	2,293	2,369	2,236	2,167	2,172	2,142	2,142	2,188
55 years and over	259	282	258	246	315	269	316	272	274	261	250	294	238

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

Age and sex	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
Total, 16 years and over	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0	6.1	6.1	5.9
16 to 24 years	12.7	12.9	12.7	12.3	13.6	12.7	13.2	13.4	12.5	12.0	12.6	12.7	12.1
16 to 19 years	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9	17.7	17.5	17.0
16 to 17 years	19.1	20.7	20.5	19.0	21.2	21.8	19.9	24.1	20.5	20.1	20.6	20.0	18.7
18 to 19 years	16.9	17.7	16.8	17.1	16.1	15.3	16.5	17.1	16.8	15.1	15.4	15.5	15.8
20 to 24 years	10.0	9.9	9.9	9.5	11.0	10.0	10.9	9.9	9.4	9.4	9.9	10.2	9.5
25 years and over	5.5	5.6	5.3	5.3	5.4	5.3	5.2	5.0	4.7	4.8	4.9	4.8	4.7
25 to 54 years	5.7	5.8	5.5	5.5	5.5	5.4	5.3	5.1	4.8	4.9	5.0	4.9	4.8
55 years and over	4.7	4.5	4.2	4.2	4.6	4.3	4.6	4.2	4.1	3.9	4.2	4.3	3.7
Men, 16 years and over	6.9	6.9	6.6	6.5	6.8	6.7	6.5	6.5	6.1	6.0	6.3	6.2	5.8
16 to 24 years	13.7	13.8	13.6	13.2	14.7	13.3	13.6	14.2	13.4	12.5	13.7	13.5	12.5
16 to 19 years	19.4	20.3	19.9	19.4	20.7	19.0	19.0	21.5	20.1	17.9	19.7	18.6	18.3
16 to 17 years	20.3	22.0	21.7	19.9	23.9	21.9	22.2	25.3	23.0	22.1	20.9	21.0	19.3
18 to 19 years	18.2	19.2	18.5	18.9	18.1	17.1	17.1	18.8	18.5	15.7	18.5	16.9	17.4
20 to 24 years	10.9	10.6	10.4	10.1	11.5	10.5	11.1	10.4	9.9	9.7	10.6	10.8	9.5
25 years and over	5.7	5.7	5.3	5.4	5.4	5.4	5.1	5.0	4.6	4.7	4.9	4.8	4.6
25 to 54 years	5.8	5.9	5.5	5.5	5.5	5.5	5.2	5.0	4.7	4.8	5.0	4.8	4.7
55 years and over	5.3	4.8	4.5	4.7	4.7	4.7	4.6	4.4	4.3	4.0	4.6	4.3	4.0
Women, 16 years and over	6.3	6.4	6.4	6.2	6.5	6.3	6.6	6.4	6.0	6.0	5.9	6.0	5.9
16 to 24 years	11.6	11.9	11.7	11.3	12.3	12.0	12.6	12.6	11.4	11.4	11.3	11.8	11.6
16 to 19 years	16.4	17.3	16.5	16.1	15.8	16.7	16.5	18.2	16.3	16.0	15.5	16.2	15.6
16 to 17 years	17.8	19.4	19.2	18.1	18.2	21.7	17.4	22.8	17.8	18.1	20.3	19.0	18.0
18 to 19 years	15.5	16.0	14.9	15.1	13.8	13.2	15.8	15.3	15.0	14.4	12.0	13.8	14.0
20 to 24 years	9.1	9.0	9.3	8.8	10.4	9.5	10.6	9.4	8.8	8.9	9.1	9.4	9.5
25 years and over	5.3	5.4	5.3	5.2	5.4	5.1	5.4	5.1	4.9	4.9	4.8	4.9	4.8
25 to 54 years	5.6	5.7	5.6	5.5	5.4	5.3	5.5	5.2	5.1	5.1	5.0	4.9	5.0
55 years and over	3.9	4.2	3.8	3.6	4.5	3.8	4.6	3.9	3.9	3.8	3.6	4.2	3.4

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

Category	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
CHARACTERISTIC													
Total	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0	6.1	6.1	5.9
Men, 20 years and over	6.3	6.2	5.9	5.8	5.9	6.0	5.8	5.6	5.2	5.3	5.6	5.4	5.1
Women, 20 years and over	5.8	5.8	5.7	5.7	6.0	5.7	6.0	5.6	5.4	5.4	5.3	5.4	5.3
Both sexes, 16 to 19 years	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9	17.7	17.5	17.0
White	5.8	6.1	5.6	5.6	5.8	5.6	5.7	5.6	5.2	5.3	5.4	5.3	5.1
Black and other	11.4	10.9	11.3	10.7	11.6	11.3	11.3	10.8	10.4	10.2	10.4	10.8	10.3
Black	12.5	11.9	12.5	11.5	13.1	12.9	12.5	11.8	11.5	11.2	11.2	11.5	10.7
Hispanic origin	10.0	11.4	10.4	10.5	10.6	10.0	10.0	10.8	9.5	10.3	10.1	10.2	10.2
Married men, spouse present	4.2	4.4	4.0	3.9	4.1	4.3	4.1	3.9	3.7	3.5	3.7	3.5	3.4
Married women, spouse present	4.6	4.8	4.4	4.3	4.4	4.3	4.4	4.1	4.0	4.3	4.0	4.2	4.1
Women who maintain families	9.0	9.3	9.0	10.2	9.4	9.7	9.6	9.1	8.9	8.7	7.8	8.9	9.0
OCCUPATION¹													
Managerial and professional specialty	2.8	2.8	2.9	2.8	2.9	2.9	2.7	2.6	2.3	3.0	2.6	2.5	2.5
Technical, sales, and administrative support	5.3	5.3	5.2	5.1	5.4	5.4	5.7	5.2	5.2	5.2	4.7	5.0	4.7
Precision production, craft, and repair	7.6	7.9	6.7	7.4	7.0	6.8	7.2	6.5	6.5	6.1	5.7	6.2	6.1
Operators, fabricators, and laborers	10.1	9.8	9.2	9.1	10.0	9.5	8.8	9.8	8.8	8.4	9.6	8.9	8.5
Farming, forestry, and fishing	7.7	8.1	7.8	8.7	8.4	8.8	10.3	8.2	7.3	6.9	9.7	8.6	8.1
INDUSTRY													
Nonagricultural private wage and salary workers	6.9	6.9	6.7	6.6	7.0	6.8	6.8	6.6	6.2	6.2	6.4	6.2	6.0
Goods-producing industries	6.6	8.4	8.0	7.9	7.8	7.6	7.7	7.3	6.9	6.8	6.9	6.5	6.6
Mining	7.5	6.5	7.2	6.9	5.1	4.0	5.5	6.8	7.6	6.2	6.1	5.1	5.5
Construction	14.1	13.7	12.2	12.7	13.9	13.3	13.5	12.6	11.6	11.8	10.9	10.5	10.7
Manufacturing	7.2	6.9	6.7	6.5	6.1	6.1	6.1	5.8	5.5	5.3	5.8	5.4	5.4
Durable goods	7.3	6.9	6.5	6.3	5.3	5.5	5.7	5.5	5.2	5.0	5.7	5.5	5.4
Nondurable goods	7.2	6.9	7.0	6.8	7.3	7.1	6.8	6.3	5.8	5.6	5.9	5.2	5.4
Service-producing industries	6.2	6.3	6.2	6.2	6.7	6.5	6.4	6.3	6.0	6.0	6.2	6.1	5.8
Transportation and public utilities	5.3	5.5	5.2	5.1	5.5	5.2	4.7	5.6	4.6	4.7	5.3	4.9	4.5
Wholesale and retail trade	7.5	7.9	7.7	7.4	8.1	8.0	7.9	7.7	7.3	7.1	7.5	7.5	6.9
Finance, insurance, and real estate	4.0	3.7	3.7	3.7	3.7	3.6	2.9	3.4	3.5	4.1	3.7	3.8	4.5
Services	5.9	5.9	5.9	5.9	6.6	6.3	6.5	6.1	5.8	5.9	5.9	5.8	5.5
Government workers	2.8	3.1	3.0	3.1	3.8	3.2	3.9	3.5	3.3	3.9	3.4	3.7	3.1
Agricultural wage and salary workers	10.4	11.8	10.3	11.3	13.6	14.3	13.8	10.7	8.3	8.4	12.6	11.1	10.9

¹ 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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
NUMBER OF UNEMPLOYED													
Job losers and persons who completed temporary jobs	4,699	4,779	4,444	4,442	4,442	4,185	4,037	3,790	3,531	3,664	3,904	3,813	3,570
On temporary layoff	1,112	1,216	963	1,060	1,196	1,109	983	947	785	911	1,053	1,022	791
Not on temporary layoff	3,587	3,563	3,481	3,382	3,246	3,075	3,054	2,843	2,746	2,753	2,851	2,791	2,779
Job leavers	926	957	960	932	762	888	873	825	796	782	755	751	892
Reentrants	2,075	2,084	2,084	2,018	2,831	2,898	3,054	3,235	2,838	2,798	2,781	2,779	2,579
New entrants	843	839	833	797	651	641	643	689	609	462	587	650	611
PERCENT DISTRIBUTION													
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	55.0	55.2	53.4	54.2	51.1	48.6	46.9	44.4	45.4	47.5	48.6	47.7	46.7
On temporary layoff	13.0	14.0	11.6	12.9	13.8	12.9	11.4	11.1	10.1	11.8	13.1	12.8	10.3
Not on temporary layoff	42.0	41.1	41.8	41.3	37.4	35.7	35.5	33.3	35.3	35.7	35.5	34.9	36.3
Job leavers	10.8	11.1	11.5	11.4	8.8	10.3	10.1	9.7	10.2	10.2	9.4	9.4	11.7
Reentrants	24.3	24.1	25.0	24.6	32.6	33.7	35.5	37.9	36.5	36.3	34.7	34.8	33.7
New entrants	9.9	9.7	10.0	9.7	7.5	7.4	7.5	8.1	7.8	6.0	7.3	8.1	8.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers and persons who completed temporary jobs	3.7	3.7	3.5	3.4	3.4	3.2	3.1	2.9	2.7	2.8	3.0	2.9	2.7
Job leavers .....	.7	.7	.7	.7	.6	.7	.7	.6	.6	.6	.6	.6	.7
Reentrants	1.6	1.6	1.6	1.6	2.2	2.2	2.3	2.5	2.2	2.1	2.1	2.1	2.0
New entrants .....	.7	.7	.6	.6	.5	.5	.5	.5	.5	.4	.4	.5	.5

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.
NUMBER OF UNEMPLOYED													
Less than 5 weeks	3,052	3,156	2,946	3,063	3,349	2,574	2,758	2,863	2,631	2,850	2,871	2,618	2,668
5 to 14 weeks	2,457	2,491	2,401	2,247	2,336	2,727	2,549	2,434	2,437	2,483	2,361	2,632	2,306
15 weeks and over	3,047	3,030	2,971	2,864	3,027	3,103	3,110	2,951	2,801	2,683	2,855	2,793	2,841
15 to 26 weeks	1,297	1,284	1,216	1,150	1,314	1,359	1,264	1,168	1,093	1,151	1,269	1,219	1,249
27 weeks and over	1,750	1,746	1,755	1,714	1,713	1,744	1,847	1,782	1,708	1,532	1,586	1,575	1,593
Average (mean) duration, in weeks	18.4	18.4	18.9	18.2	18.3	18.7	19.2	19.1	19.6	18.3	19.2	19.2	19.2
Median duration, in weeks	8.9	8.3	8.5	8.2	8.5	9.0	9.1	9.2	9.2	8.9	9.3	9.0	10.0
PERCENT DISTRIBUTION													
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	35.7	36.4	35.4	37.5	38.4	30.6	32.8	34.7	33.4	35.6	35.5	32.5	34.1
5 to 14 weeks	28.7	28.7	28.9	27.5	26.8	32.5	30.3	29.5	31.0	31.0	29.2	32.7	29.5
15 weeks and over	35.6	34.9	35.7	35.0	34.7	36.9	37.0	35.8	35.6	33.5	35.3	34.7	36.4
15 to 26 weeks	15.2	14.8	14.6	14.1	15.1	16.2	15.0	14.2	13.9	14.4	15.7	15.2	16.0
27 weeks and over	20.5	20.1	21.1	21.0	19.7	20.8	21.9	21.6	21.7	19.1	19.6	19.6	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*.

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

(Numbers in thousands)

Age, sex, and race	September 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	
TOTAL										
16 years and over	197,248	131,155	66.5	123,775	62.8	3,575	120,201	7,379	5.6	66,093
16 to 19 years	14,269	6,984	48.9	5,900	40.6	279	5,521	1,184	17.0	7,285
16 to 17 years	7,307	2,977	40.7	2,453	33.6	153	2,301	523	17.6	4,330
18 to 19 years	6,962	4,007	57.6	3,346	48.1	126	3,220	661	16.5	2,954
20 to 24 years	18,349	13,964	76.1	12,668	69.0	336	12,333	1,296	9.3	4,385
25 to 54 years	112,872	94,604	83.8	90,265	80.0	2,155	88,109	4,339	4.6	18,269
25 to 34 years	41,107	34,342	83.5	32,496	79.1	777	31,719	1,846	5.4	6,765
25 to 29 years	19,157	15,998	83.5	15,040	78.5	347	14,693	957	6.0	3,160
30 to 34 years	21,950	18,345	83.6	17,456	79.5	431	17,025	889	4.8	3,605
35 to 44 years	41,744	35,633	85.4	34,032	81.5	804	33,228	1,601	4.5	6,111
35 to 39 years	21,939	18,646	85.0	17,734	80.8	431	17,303	913	4.9	3,293
40 to 44 years	19,805	16,986	85.8	16,298	82.3	373	15,925	688	4.1	2,818
45 to 54 years	30,021	24,629	82.0	23,737	79.1	574	23,162	892	3.6	5,393
45 to 49 years	16,842	14,273	84.7	13,775	81.8	310	13,465	498	3.5	2,569
50 to 54 years	13,179	10,356	78.8	9,961	75.8	264	9,697	395	3.8	2,823
55 to 64 years	20,639	11,712	56.7	11,293	54.7	434	10,859	418	3.6	8,928
55 to 59 years	10,760	7,262	67.5	6,961	64.9	243	6,738	281	3.9	3,498
60 to 64 years	9,879	4,450	45.0	4,312	43.7	191	4,122	137	3.1	5,429
65 years and over	31,119	3,892	12.5	3,750	12.0	371	3,378	142	3.6	27,227
65 to 69 years	9,788	2,193	22.4	2,109	21.6	161	1,948	84	3.8	7,594
70 to 74 years	8,539	1,033	12.1	995	11.7	125	870	38	3.7	7,505
75 years and over	12,792	665	5.2	645	5.0	85	560	20	3.0	12,127
Men										
16 years and over	94,576	70,721	74.8	66,997	70.8	2,630	64,367	3,724	5.3	23,855
16 to 19 years	7,255	3,725	51.3	3,060	42.2	226	2,833	665	17.9	3,530
16 to 17 years	3,759	1,591	42.3	1,300	34.6	117	1,183	290	18.3	2,169
18 to 19 years	3,496	2,134	61.1	1,759	50.3	109	1,650	375	17.6	1,361
20 to 24 years	9,093	7,473	82.2	6,816	75.0	277	6,539	657	8.8	1,620
25 to 54 years	55,459	50,893	91.8	46,905	88.0	1,549	47,256	2,089	4.1	4,565
25 to 34 years	20,232	18,734	92.6	17,855	88.3	585	17,270	879	4.7	1,497
25 to 29 years	9,409	8,651	91.9	8,165	88.8	249	7,915	487	5.6	758
30 to 34 years	10,823	10,083	93.2	9,691	89.5	336	9,355	392	3.9	740
35 to 44 years	20,546	19,099	93.0	18,344	89.3	579	17,765	755	4.0	1,447
35 to 39 years	10,812	10,065	93.1	9,637	89.1	309	9,328	429	4.3	746
40 to 44 years	9,734	9,034	92.8	8,708	89.5	271	8,437	326	3.6	700
45 to 54 years	14,881	13,060	89.0	12,605	85.9	384	12,221	456	3.5	1,621
45 to 49 years	8,264	7,531	91.1	7,285	88.1	213	7,072	246	3.3	733
50 to 54 years	6,417	5,530	86.2	5,320	82.9	171	5,149	210	3.8	887
55 to 64 years	9,799	6,433	65.6	6,191	63.2	302	5,889	241	3.8	3,366
55 to 59 years	5,152	3,960	76.9	3,799	73.7	167	3,632	160	4.0	1,192
60 to 64 years	4,647	2,473	53.2	2,392	51.5	135	2,257	81	3.3	2,174
65 years and over	12,971	2,197	16.9	2,125	16.4	276	1,850	72	3.3	10,774
65 to 69 years	4,419	1,208	27.3	1,166	26.4	119	1,047	42	3.5	3,211
70 to 74 years	3,739	607	16.2	590	15.8	97	494	16	2.7	3,133
75 years and over	4,813	383	8.0	369	7.7	60	309	14	3.6	4,430
Women										
16 years and over	102,672	60,434	58.9	56,779	55.3	945	55,834	3,655	6.0	42,238
16 to 19 years	7,014	3,259	46.5	2,740	39.1	52	2,688	519	15.9	3,754
16 to 17 years	3,548	1,386	39.1	1,153	32.5	36	1,118	233	16.8	2,161
18 to 19 years	3,466	1,873	54.0	1,567	45.8	17	1,570	286	15.3	1,593
20 to 24 years	9,256	6,491	70.1	5,852	63.2	58	5,794	639	9.8	2,785
25 to 54 years	57,413	43,710	76.1	41,480	72.2	807	40,673	2,250	5.1	13,703
25 to 34 years	20,876	15,606	74.8	14,640	70.1	192	14,448	968	6.2	5,268
25 to 29 years	9,748	7,346	75.4	6,878	70.5	97	6,778	471	6.4	2,402
30 to 34 years	11,127	8,262	74.2	7,765	69.8	95	7,670	497	6.0	2,865
35 to 44 years	21,198	16,534	78.0	15,688	74.0	224	15,463	846	5.1	4,664
35 to 39 years	11,127	6,581	77.1	6,097	72.8	122	7,975	484	5.6	2,546
40 to 44 years	10,071	7,953	79.0	7,591	75.4	102	7,488	362	4.6	2,118
45 to 54 years	15,340	11,568	75.4	11,132	72.6	190	10,941	437	3.8	3,772
45 to 49 years	8,578	6,742	78.6	6,491	75.7	97	6,393	252	3.7	1,836
50 to 54 years	6,762	4,826	71.4	4,641	68.6	93	4,548	185	3.8	1,936
55 to 64 years	10,641	5,279	48.7	5,102	47.1	132	4,970	177	3.3	5,562
55 to 59 years	5,606	3,302	56.9	3,182	58.7	76	3,105	120	3.6	2,306
60 to 64 years	5,233	1,977	37.8	1,920	36.7	56	1,865	56	2.9	3,256
65 years and over	18,148	1,694	9.3	1,624	8.9	98	1,529	70	4.1	16,453
65 to 69 years	5,369	985	18.4	944	17.6	42	901	42	4.3	4,383
70 to 74 years	4,800	427	8.9	405	8.4	29	376	22	5.2	4,373
75 years and over	7,979	282	3.5	276	3.5	24	251	6	2.2	7,697

**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	September 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	
WHITE										
16 years and over	165,832	111,191	67.1	105,775	63.8	3,310	102,464	5,416	4.9	54,641
16 to 19 years	11,303	5,897	52.2	5,036	44.6	262	4,774	861	14.6	5,406
16 to 17 years	5,741	2,506	43.7	2,120	36.9	140	1,979	386	15.4	3,234
18 to 19 years	5,562	3,391	61.0	2,916	52.4	121	2,795	475	14.0	2,171
20 to 24 years	14,628	11,545	78.9	10,639	72.7	294	10,345	906	7.8	3,083
25 to 54 years	94,126	79,848	84.8	76,859	81.4	1,974	74,885	3,189	4.0	14,280
25 to 34 years	33,772	28,627	84.8	27,312	80.9	693	26,619	1,315	4.6	5,144
25 to 29 years	15,811	13,252	84.9	12,578	80.6	311	12,268	674	5.1	2,359
30 to 34 years	18,161	15,375	84.7	14,734	81.1	383	14,351	842	4.2	2,786
35 to 44 years	34,719	29,925	86.2	28,760	82.8	737	28,023	1,165	3.9	4,794
35 to 39 years	18,169	15,593	85.8	14,935	82.2	392	14,543	658	4.2	2,576
40 to 44 years	16,550	14,332	86.6	13,825	83.5	345	13,480	507	3.5	2,216
45 to 54 years	25,837	21,295	83.1	20,586	80.3	543	20,043	709	3.3	4,342
45 to 49 years	14,325	12,300	85.9	11,904	83.1	289	11,615	396	3.2	2,025
50 to 54 years	11,311	8,995	79.5	8,682	76.8	255	8,428	313	3.5	2,316
55 to 64 years	17,930	10,333	57.6	9,999	55.8	420	9,579	334	3.2	7,598
55 to 59 years	9,314	8,373	89.9	8,150	87.6	232	7,918	223	2.8	2,941
60 to 64 years	8,616	3,960	46.0	3,649	42.4	187	3,462	111	2.8	4,656
65 years and over	27,843	3,569	12.8	3,443	12.4	382	3,061	126	3.5	24,274
65 to 69 years	8,592	2,007	23.4	1,933	22.5	159	1,774	74	3.7	6,586
70 to 74 years	7,837	961	12.6	926	12.1	119	808	35	3.6	8,676
75 years and over	11,614	601	5.2	584	5.0	84	500	17	2.9	11,013
Men										
16 years and over	80,207	60,657	75.6	57,910	72.2	2,419	55,491	2,748	4.5	19,550
16 to 19 years	5,769	3,150	54.6	2,661	48.1	218	2,445	489	15.5	2,819
16 to 17 years	2,954	1,330	45.0	1,130	38.2	111	1,018	201	15.1	1,624
18 to 19 years	2,816	1,820	64.7	1,532	54.4	105	1,427	288	15.6	995
20 to 24 years	7,316	6,219	85.0	5,750	78.6	245	5,505	469	7.5	1,097
25 to 54 years	48,832	43,495	89.1	41,982	89.6	1,401	40,582	1,513	3.5	3,337
25 to 34 years	16,869	15,836	93.9	15,202	90.1	518	14,684	634	4.0	1,033
25 to 29 years	7,789	7,257	93.2	6,904	88.6	225	6,680	352	4.9	533
30 to 34 years	9,080	8,579	94.5	8,298	91.4	291	8,006	281	3.3	501
35 to 44 years	17,318	16,264	93.9	15,727	90.8	524	15,202	537	3.3	1,055
35 to 39 years	9,076	8,537	94.1	8,246	90.9	277	7,969	291	3.4	539
40 to 44 years	8,242	7,726	93.7	7,480	90.8	247	7,233	248	3.2	518
45 to 54 years	12,645	11,396	90.1	11,054	87.4	380	10,674	342	3.0	1,249
45 to 49 years	7,094	6,562	92.5	6,368	89.8	197	6,171	194	3.0	532
50 to 54 years	5,551	4,834	87.1	4,686	84.4	164	4,522	148	3.1	717
55 to 64 years	6,622	5,748	86.7	5,543	83.6	290	5,252	206	3.6	2,874
55 to 59 years	4,518	3,523	78.0	3,388	75.0	159	3,229	135	3.8	995
60 to 64 years	4,104	2,225	54.2	2,155	52.5	132	2,023	71	3.2	1,879
65 years and over	11,667	2,044	17.5	1,973	16.9	266	1,707	71	3.5	9,622
65 to 69 years	3,923	1,118	28.5	1,077	27.4	117	960	41	3.7	2,805
70 to 74 years	3,344	571	17.1	555	16.6	90	465	17	2.9	2,773
75 years and over	4,400	355	8.1	342	7.8	80	262	13	3.8	4,045
Women										
16 years and over	85,625	50,534	59.0	47,865	55.9	891	46,974	2,669	5.3	35,091
16 to 19 years	5,534	2,747	49.6	2,375	42.9	45	2,329	372	13.6	2,787
16 to 17 years	2,787	1,178	42.2	990	35.5	29	961	186	15.8	1,611
18 to 19 years	2,747	1,571	57.2	1,384	50.4	16	1,368	186	11.9	1,176
20 to 24 years	7,312	5,325	72.8	4,889	66.9	48	4,840	437	8.2	1,987
25 to 54 years	47,295	38,353	76.9	34,876	73.3	573	34,103	1,876	4.8	10,943
25 to 34 years	16,903	12,792	75.7	12,110	71.8	177	11,933	881	5.3	4,111
25 to 29 years	7,822	5,995	76.7	5,674	72.5	86	5,588	321	5.4	1,826
30 to 34 years	9,061	8,796	97.0	8,436	93.1	91	8,345	360	4.3	2,285
35 to 44 years	17,401	13,661	78.5	13,033	74.9	213	12,821	628	4.6	3,739
35 to 39 years	9,093	7,056	77.6	6,689	73.6	115	6,573	367	5.2	2,037
40 to 44 years	8,308	6,606	79.5	6,345	76.4	97	6,247	261	4.0	1,702
45 to 54 years	12,992	9,900	76.2	9,533	73.4	183	9,350	387	3.7	3,092
45 to 49 years	7,232	5,739	79.4	5,536	76.6	92	5,444	202	3.5	1,493
50 to 54 years	5,780	4,161	72.2	3,996	69.1	91	3,905	165	4.0	1,599
55 to 64 years	9,308	4,584	49.3	4,456	47.9	129	4,327	128	2.8	4,724
55 to 59 years	4,796	2,850	59.4	2,762	57.6	74	2,688	88	3.1	1,946
60 to 64 years	4,512	1,734	38.4	1,694	37.5	56	1,638	40	2.3	2,778
65 years and over	16,178	1,525	9.4	1,470	9.1	96	1,374	55	3.8	14,652
65 to 69 years	4,669	689	19.0	656	18.3	42	613	33	3.7	3,780
70 to 74 years	4,293	390	9.1	372	8.7	29	343	18	4.7	3,903
75 years and over	7,214	246	3.4	242	3.4	24	218	4	1.5	6,968

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	September 1994									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agri-culture	Nonagri-cultural industries	Number	Percent of labor force	
BLACK										
16 years and over	22,955	14,472	63.0	12,982	56.6	140	12,842	1,490	10.3	8,484
16 to 19 years	2,219	788	35.5	545	24.5	4	541	244	30.9	1,431
16 to 17 years	1,189	355	29.9	248	20.9	1	247	107	30.1	834
18 to 19 years	1,030	433	42.1	296	28.8	3	294	137	31.6	596
20 to 24 years	2,637	1,742	66.0	1,430	54.2	27	1,403	312	17.9	896
25 to 54 years	13,517	10,691	79.1	9,823	72.7	94	9,729	867	8.1	2,826
25 to 34 years	5,331	4,207	78.9	3,794	71.2	48	3,746	413	9.8	1,124
25 to 29 years	2,525	1,984	78.6	1,765	69.9	19	1,746	219	11.0	541
30 to 34 years	2,807	2,224	79.2	2,029	72.3	29	1,999	195	8.8	563
35 to 44 years	5,071	4,153	81.9	3,823	75.4	28	3,794	330	8.0	918
35 to 39 years	2,740	2,253	82.2	2,055	75.0	16	2,039	198	8.8	487
40 to 44 years	2,331	1,900	81.5	1,768	75.8	12	1,755	132	7.0	431
45 to 54 years	3,115	2,331	74.8	2,207	70.8	18	2,189	124	5.3	784
45 to 49 years	1,792	1,394	77.8	1,325	74.0	10	1,314	69	4.9	398
50 to 54 years	1,323	937	70.8	882	66.6	7	874	55	5.9	386
55 to 64 years	2,050	1,008	49.2	947	46.2	10	936	61	6.1	1,042
55 to 59 years	1,098	649	59.1	613	55.8	10	603	37	5.7	449
60 to 64 years	952	358	37.7	334	35.1	1	333	24	6.7	593
65 years and over	2,532	243	9.6	237	9.4	4	234	6	2.4	2,289
65 to 69 years	908	137	15.1	132	14.6	-	132	5	3.3	771
70 to 74 years	692	54	7.7	54	7.9	3	52	-	(¹)	638
75 years and over	932	53	5.7	51	5.4	1	50	2	(¹)	879
Men										
16 years and over	10,295	7,055	68.5	6,331	61.5	113	6,219	723	10.3	3,241
16 to 19 years	1,089	413	37.9	288	26.4	3	285	125	30.3	677
16 to 17 years	589	191	32.4	121	20.6	1	120	70	36.6	398
18 to 19 years	501	222	44.3	187	33.3	2	185	55	24.8	279
20 to 24 years	1,229	868	70.6	718	58.4	19	699	149	17.2	361
25 to 54 years	8,097	5,179	64.9	4,748	77.8	79	4,667	433	8.4	918
25 to 34 years	2,373	2,042	86.1	1,858	78.3	38	1,820	184	9.0	331
25 to 29 years	1,099	961	87.5	862	78.4	9	853	99	10.3	138
30 to 34 years	1,274	1,081	84.9	996	78.2	29	967	85	7.8	193
35 to 44 years	2,318	2,028	87.5	1,861	80.3	28	1,835	167	8.2	290
35 to 39 years	1,259	1,118	88.8	1,009	80.1	16	993	109	9.8	142
40 to 44 years	1,058	910	86.0	852	80.5	10	842	58	6.4	148
45 to 54 years	1,406	1,109	78.9	1,027	73.0	15	1,012	82	7.4	297
45 to 49 years	814	654	80.3	616	75.6	9	607	36	5.9	160
50 to 54 years	592	455	76.9	411	69.5	28	404	44	9.6	137
55 to 64 years	891	490	55.0	470	52.8	8	463	20	4.0	401
55 to 59 years	485	322	66.3	310	63.9	7	303	12	3.7	164
60 to 64 years	405	168	41.5	160	39.6	1	160	8	4.7	237
65 years and over	989	105	10.6	109	11.0	4	105	4	4.0	884
65 to 69 years	378	60	15.8	63	16.6	-	62	-	(¹)	318
70 to 74 years	295	25	8.4	25	8.6	3	23	-	(¹)	270
75 years and over	317	21	6.5	21	6.6	1	20	-	(¹)	296
Women										
16 years and over	12,660	7,417	58.6	6,850	52.5	27	6,824	787	10.3	5,243
16 to 19 years	1,130	376	33.3	257	22.7	1	256	119	31.6	754
16 to 17 years	601	184	27.3	127	21.2	-	127	37	22.5	436
18 to 19 years	529	212	40.0	130	24.5	1	129	82	38.7	317
20 to 24 years	1,408	874	62.1	712	50.5	8	703	163	18.6	534
25 to 54 years	7,420	5,511	74.3	5,077	68.4	15	5,062	434	7.9	1,909
25 to 34 years	2,958	2,165	73.2	1,935	65.4	10	1,925	230	10.6	793
25 to 29 years	1,425	1,022	71.7	903	63.3	10	893	119	11.7	403
30 to 34 years	1,533	1,143	74.6	1,033	67.4	-	1,033	110	9.6	390
35 to 44 years	2,753	2,125	77.2	1,962	71.3	2	1,960	163	7.7	628
35 to 39 years	1,481	1,135	76.7	1,048	70.7	-	1,046	89	7.8	346
40 to 44 years	1,272	990	77.8	918	72.0	2	913	74	7.5	282
45 to 54 years	1,709	1,221	71.5	1,180	69.0	2	1,177	42	3.4	487
45 to 49 years	977	739	75.7	709	72.6	2	707	31	4.1	238
50 to 54 years	732	482	65.9	471	64.3	1	470	11	2.3	250
55 to 64 years	1,159	518	44.7	478	41.1	3	474	41	8.0	641
55 to 59 years	613	328	53.5	303	49.4	3	300	25	7.7	285
60 to 64 years	546	190	34.8	174	31.8	-	174	16	8.6	356
65 years and over	1,543	138	9.0	128	8.3	-	128	10	7.2	1,405
65 to 69 years	531	77	14.6	70	13.1	-	70	8	9.8	453
70 to 74 years	397	29	7.3	29	7.3	-	29	-	(¹)	368
75 years and over	615	32	5.2	30	4.8	-	30	2	(¹)	583

¹ 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-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	
	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994
TOTAL								
Civilian noninstitutional population	193,971	197,248	86,075	87,321	94,575	95,658	13,321	14,269
Civilian labor force	127,858	131,155	66,100	66,996	55,265	57,175	6,493	6,984
Percent of population	65.9	66.5	76.8	76.7	58.4	59.8	48.7	48.9
Employed	119,730	123,775	62,398	63,937	51,989	54,039	5,343	5,800
Agriculture	3,249	3,575	2,407	2,403	623	893	219	279
Nonagricultural industries	116,481	120,201	59,990	61,534	51,366	53,146	5,124	5,521
Unemployed	8,128	7,379	3,702	3,059	3,276	3,136	1,150	1,184
Unemployment rate	6.4	5.6	5.6	4.6	5.9	5.5	17.7	17.0
Not in labor force	66,113	66,093	19,975	20,325	39,310	38,483	6,827	7,285
White								
Civilian noninstitutional population	164,190	165,832	73,839	74,438	79,738	80,091	10,614	11,303
Civilian labor force	109,247	111,191	57,121	57,507	46,522	47,787	5,603	5,897
Percent of population	66.5	67.1	77.4	77.3	58.3	59.7	52.8	52.2
Employed	103,164	105,775	54,306	55,248	44,105	45,491	4,753	5,036
Agriculture	3,016	3,310	2,211	2,203	605	846	200	262
Nonagricultural industries	100,148	102,464	52,096	53,045	43,499	44,644	4,553	4,774
Unemployed	6,082	5,416	2,815	2,259	2,418	2,296	850	861
Unemployment rate	5.6	4.9	4.9	3.9	5.2	4.8	15.2	14.6
Not in labor force	54,944	54,641	16,718	16,931	33,216	32,304	5,010	5,406
Black								
Civilian noninstitutional population	22,408	22,955	9,057	9,206	11,236	11,530	2,116	2,219
Civilian labor force	13,954	14,472	6,519	6,642	6,735	7,042	700	788
Percent of population	62.3	63.0	72.0	72.1	59.9	61.1	33.1	35.5
Employed	12,268	12,982	5,803	6,044	6,022	6,393	443	545
Agriculture	165	140	143	110	10	26	12	4
Nonagricultural industries	12,102	12,842	5,659	5,934	6,012	6,368	431	541
Unemployed	1,686	1,490	716	598	712	648	257	244
Unemployment rate	12.1	10.3	11.0	9.0	10.6	9.2	36.7	30.9
Not in labor force	8,455	8,484	2,538	2,564	4,501	4,489	1,416	1,431

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-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	September 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	
TOTAL ENROLLED										
Total, 16 to 24 years	16,690	8,246	49.4	7,283	1,564	5,718	963	195	768	11.7
16 to 19 years	10,937	4,670	42.7	3,969	350	3,619	701	120	581	15.0
20 to 24 years	5,753	3,576	62.2	3,314	1,214	2,100	262	74	187	7.3
High school	7,779	3,121	40.1	2,601	149	2,451	520	81	439	16.7
College	8,911	5,125	57.5	4,682	1,415	3,267	443	114	329	8.6
Full-time students	7,319	3,754	51.3	3,400	625	2,775	354	61	293	9.4
Part-time students	1,592	1,371	86.1	1,282	790	492	89	52	36	6.5
Men, 16 to 24 years	8,281	4,084	49.3	3,558	787	2,771	526	101	425	12.9
16 to 19 years	5,594	2,429	43.4	2,035	185	1,850	394	74	320	16.2
20 to 24 years	2,686	1,654	61.6	1,523	602	921	132	27	104	8.0
High school	4,144	1,726	41.6	1,433	94	1,339	293	53	241	17.0
College	4,137	2,358	57.0	2,125	693	1,432	232	48	184	9.9
Full-time students	3,481	1,783	51.2	1,587	339	1,248	196	30	166	11.0
Part-time students	656	575	87.7	539	354	185	36	19	18	6.3
Women, 16 to 24 years	8,410	4,162	49.5	3,725	778	2,947	437	94	344	10.5
16 to 19 years	5,343	2,241	41.9	1,934	166	1,768	307	46	261	13.7
20 to 24 years	3,067	1,921	62.6	1,791	612	1,179	130	47	83	6.8
High school	3,635	1,395	38.4	1,168	56	1,112	227	28	198	16.3
College	4,774	2,767	58.0	2,557	722	1,835	210	65	145	7.6
Full-time students	3,838	1,971	51.4	1,813	287	1,527	158	31	127	8.0
Part-time students	936	795	85.0	743	435	308	52	34	18	6.6
White										
Total, 16 to 24 years	13,224	6,992	52.9	6,296	1,347	4,949	696	107	589	10.0
16 to 19 years	8,632	3,959	45.9	3,454	304	3,149	505	69	436	12.8
20 to 24 years	4,592	3,033	66.1	2,842	1,043	1,800	191	38	152	6.3
Men	6,606	3,470	52.5	3,078	684	2,394	392	60	331	11.3
Women	6,618	3,521	53.2	3,217	683	2,555	304	47	257	8.6
High school	5,993	2,596	43.3	2,225	123	2,102	372	46	326	14.3
College	7,231	4,395	60.8	4,071	1,224	2,847	324	61	263	7.4
Full-time students	5,919	3,235	54.7	2,977	544	2,434	258	21	237	8.0
Part-time students	1,312	1,160	88.4	1,094	680	414	66	40	26	5.7
Black										
Total, 16 to 24 years	2,387	834	34.9	642	148	495	191	64	127	23.0
16 to 19 years	1,701	511	30.0	364	34	331	146	38	108	28.7
20 to 24 years	686	323	47.1	278	114	164	45	26	19	13.9
Men	1,101	390	35.5	297	56	241	94	30	64	24.0
Women	1,287	443	34.5	346	92	254	98	35	63	22.0
High school	1,360	393	28.9	278	16	262	114	28	86	29.1
College	1,027	441	43.0	364	131	233	77	36	41	17.5
Full-time students	851	316	37.1	249	57	193	67	33	33	21.1
Part-time students	176	125	71.0	115	75	40	11	3	8	8.4
Hispanic origin										
Total, 16 to 24 years	1,776	769	43.3	627	223	404	142	50	92	18.5
16 to 19 years	1,248	404	32.3	293	57	236	111	34	77	27.4
20 to 24 years	527	365	69.2	334	166	168	31	16	16	8.6
Men	940	433	46.0	345	144	201	88	25	62	20.2
Women	836	336	40.2	281	79	202	54	25	30	16.2
High school	1,039	276	26.6	192	39	152	84	26	59	30.6
College	737	493	66.8	435	183	252	58	24	34	11.7
Full-time students	461	243	52.8	206	32	175	37	8	29	15.1
Part-time students	276	249	90.2	229	151	77	21	16	5	8.4

See footnotes at end of table.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-15. Employment status of the civilian noninstitutional population 16 to 24 years of age by school enrollment, educational attainment, sex, race, and Hispanic origin—Continued

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic origin	September 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	
TOTAL NOT ENROLLED										
Total, 16 to 24 years	15,927	12,702	79.8	11,185	9,329	1,856	1,517	1,362	135	11.9
16 to 19 years	3,332	2,314	69.5	1,831	1,287	544	483	420	64	20.9
20 to 24 years	12,596	10,388	82.5	9,354	8,042	1,312	1,034	962	72	10.0
Less than a high school diploma	3,831	2,335	61.0	1,828	1,458	370	508	457	50	21.7
High school graduates, no college	8,774	5,539	63.1	4,931	4,073	858	609	556	52	11.0
Less than a bachelor's degree	3,685	3,305	89.7	3,019	2,502	516	286	258	28	8.7
College graduates	1,638	1,523	93.0	1,408	1,296	112	115	110	5	7.6
Men, 16 to 24 years	8,067	7,114	88.2	6,317	5,640	677	796	747	50	11.2
16 to 19 years	1,861	1,295	69.6	1,024	828	197	271	241	30	20.9
20 to 24 years	6,408	5,818	90.8	5,293	4,812	481	525	506	20	9.0
Less than a high school diploma	1,994	1,527	76.6	1,231	1,074	156	296	275	21	19.4
High school graduates, no college	3,625	3,285	90.6	2,954	2,619	336	330	308	23	10.1
Less than a bachelor's degree	1,730	1,619	93.6	1,503	1,355	148	116	112	4	7.1
College graduates	718	683	95.1	629	592	37	54	52	2	7.9
Women, 16 to 24 years	7,860	5,589	71.1	4,868	3,689	1,179	721	635	86	12.9
16 to 19 years	1,671	1,019	61.0	807	459	347	212	179	33	20.6
20 to 24 years	6,189	4,570	73.6	4,061	3,229	832	508	456	52	11.1
Less than a high school diploma	1,837	809	44.0	597	384	214	211	182	29	26.1
High school graduates, no college	3,150	2,255	71.6	1,976	1,454	522	278	249	30	12.3
Less than a bachelor's degree	1,954	1,686	86.3	1,516	1,147	368	170	146	24	10.1
College graduates	919	840	91.3	779	703	75	61	59	3	7.3
White										
Total, 16 to 24 years	12,707	10,450	82.2	9,379	7,887	1,492	1,071	959	113	10.3
16 to 19 years	2,871	1,939	67.5	1,583	1,135	448	356	303	53	16.4
20 to 24 years	10,036	8,512	84.8	7,796	6,752	1,045	715	656	60	6.4
Men	6,479	5,900	91.1	5,333	4,828	505	566	525	42	9.6
Women	6,228	4,551	73.1	4,046	3,059	987	505	434	71	11.1
Less than a high school diploma	2,914	1,869	64.1	1,524	1,231	294	345	304	41	18.5
High school graduates, no college	5,390	4,547	84.4	4,119	3,436	683	428	384	44	9.4
Less than a bachelor's degree	2,977	2,686	90.2	2,506	2,090	416	190	167	22	7.0
College graduates	1,426	1,336	93.7	1,226	1,130	98	109	104	5	8.1
Black										
Total, 16 to 24 years	2,469	1,686	68.3	1,332	1,059	273	364	351	14	21.5
16 to 19 years	518	278	53.7	180	115	65	98	93	5	35.1
20 to 24 years	1,951	1,419	72.7	1,152	944	208	267	258	9	16.6
Men	1,216	890	73.1	709	579	130	181	178	3	20.3
Women	1,252	807	64.4	623	480	143	184	172	11	22.8
Less than a high school diploma	657	314	47.8	195	138	57	118	115	3	37.7
High school graduates, no college	1,112	770	69.3	614	481	134	156	150	6	20.2
Less than a bachelor's degree	571	494	86.6	405	331	74	89	84	6	18.1
College graduates	130	119	91.4	117	109	8	1	1	-	1.1
Hispanic origin										
Total, 16 to 24 years	2,600	1,827	70.3	1,553	1,314	239	274	244	31	15.0
16 to 19 years	595	334	56.2	257	198	59	77	72	4	23.0
20 to 24 years	2,005	1,493	74.5	1,296	1,116	180	198	172	26	13.2
Men	1,376	1,194	86.8	1,041	935	106	154	136	18	12.9
Women	1,223	633	51.7	512	379	133	121	108	13	19.1
Less than a high school diploma	1,286	798	62.1	654	548	106	145	127	17	18.1
High school graduates, no college	870	645	74.2	560	481	78	86	77	8	13.3
Less than a bachelor's degree	397	349	87.7	307	255	52	42	37	5	12.0
College graduates	47	35	(1)	32	29	3	3	3	-	(1)

¹ 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*.

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

(In thousands)

Age, sex, and race	September 1994									
	Employed ¹							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 ²				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				
TOTAL										
Total, 16 years and over	100,840	89,180	8,320	3,339	22,936	3,007	18,637	1,292	5,842	1,537
16 to 19 years	1,637	1,361	217	39	4,162	251	3,773	139	540	644
18 to 17 years	145	124	23	-	2,308	21	2,207	80	141	382
18 to 19 years	1,492	1,258	194	40	1,854	230	1,566	58	398	262
20 years and over	99,202	87,799	8,103	3,300	18,774	2,756	14,864	1,154	5,302	893
20 to 24 years	9,256	6,284	760	212	3,412	533	2,732	147	1,037	259
25 years and over	89,946	79,515	7,343	3,088	15,361	2,223	12,132	1,007	4,265	634
25 to 54 years	79,151	70,365	6,254	2,531	11,114	2,009	8,447	658	3,849	490
55 years and over	10,795	9,150	1,089	557	4,248	214	3,685	349	417	143
Men, 16 years and over	59,497	53,506	4,217	1,774	7,500	1,314	5,820	366	3,071	653
16 to 19 years	1,012	880	106	26	2,047	109	1,873	65	315	350
20 years and over	58,484	52,625	4,111	1,748	5,453	1,204	3,947	301	2,756	303
20 to 24 years	5,414	4,877	431	107	1,402	259	1,091	52	533	124
25 years and over	53,070	47,748	3,680	1,641	4,051	946	2,856	249	2,223	179
25 to 54 years	46,479	42,103	3,073	1,302	3,326	850	1,387	109	1,985	104
55 years and over	6,591	5,645	607	339	1,725	96	1,489	140	238	75
Women, 16 years and over	41,343	35,675	4,103	1,565	15,436	1,693	12,817	926	2,771	884
16 to 19 years	625	501	111	13	2,115	142	1,900	74	225	294
20 years and over	40,718	35,174	3,992	1,552	13,321	1,551	10,917	853	2,546	590
20 to 24 years	3,842	3,407	329	105	2,011	274	1,841	95	503	135
25 years and over	36,876	31,767	3,662	1,447	11,310	1,277	9,276	757	2,042	455
25 to 54 years	32,672	28,252	3,181	1,229	8,788	1,159	7,080	549	1,864	386
55 years and over	4,204	3,505	481	218	2,522	118	2,196	209	179	68
White										
Men, 16 years and over	51,521	46,354	3,635	1,532	8,389	1,019	5,047	323	2,237	511
16 to 19 years	906	782	99	25	1,755	77	1,622	56	224	265
20 years and over	50,614	45,572	3,536	1,507	4,634	942	3,425	266	2,012	248
20 to 24 years	4,606	4,162	353	90	1,144	189	919	36	361	108
25 years and over	46,009	41,410	3,182	1,417	3,489	754	2,506	230	1,652	138
25 to 54 years	40,082	36,351	2,635	1,096	1,901	672	1,134	95	1,435	77
55 years and over	5,927	5,059	547	321	1,589	82	1,372	135	217	60
Women, 16 years and over	34,240	29,469	3,462	1,309	13,625	1,320	11,479	827	1,954	715
16 to 19 years	533	435	91	6	1,842	126	1,651	65	148	225
20 years and over	33,708	29,033	3,371	1,303	11,783	1,193	9,828	762	1,806	490
20 to 24 years	3,169	2,839	272	78	1,700	215	1,411	73	333	103
25 years and over	30,519	26,195	3,099	1,225	10,083	978	8,416	689	1,473	387
25 to 54 years	26,852	23,160	2,658	1,034	7,824	883	6,444	497	1,344	332
55 years and over	3,667	3,035	441	191	2,259	95	1,972	192	129	54
Black										
Men, 16 years and over	5,568	4,949	445	174	763	224	509	30	629	95
16 to 19 years	80	73	6	1	208	26	175	7	67	58
20 years and over	5,488	4,876	438	174	555	198	333	24	562	37
20 to 24 years	555	486	63	6	163	59	96	9	141	8
25 years and over	4,933	4,391	375	168	392	140	238	15	421	28
25 to 54 years	4,450	3,968	326	156	296	135	151	10	414	19
55 years and over	484	422	49	12	96	5	87	4	6	9
Women, 16 years and over	5,379	4,681	487	211	1,271	294	911	67	641	126
16 to 19 years	69	49	17	3	188	6	177	5	64	55
20 years and over	5,310	4,633	470	208	1,084	288	734	62	577	71
20 to 24 years	503	427	52	24	209	47	148	16	143	20
25 years and over	4,807	4,206	418	184	875	240	588	46	434	52
25 to 54 years	4,400	3,854	388	159	677	221	420	36	393	41
55 years and over	407	352	30	25	198	19	168	10	41	11

¹ 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.

² 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*.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-17. Employed persons by occupation, sex, and age

(In thousands)

Occupation	Total		Men				Women			
	16 years and over		16 years and over		20 years and over		16 years and over		20 years and over	
	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994
Total	119,730	123,775	65,159	66,997	62,398	63,937	54,571	56,779	51,989	54,039
Managerial and professional specialty	32,412	34,197	16,820	17,724	16,754	17,635	15,593	16,474	15,508	16,366
Executive, administrative, and managerial	15,334	16,836	8,947	9,505	8,914	9,461	6,387	7,131	6,360	7,096
Officials and administrators, public administration	675	722	402	417	402	417	273	305	272	306
Other executive, administrative, and managerial	10,564	11,574	6,566	7,017	6,540	6,978	3,998	4,557	3,974	4,530
Management-related occupations	4,095	4,340	1,979	2,072	1,972	2,067	2,116	2,268	2,113	2,259
Professional specialty	17,079	17,562	7,873	8,219	7,841	8,174	9,206	9,343	9,148	9,270
Engineers	1,638	1,861	1,473	1,705	1,473	1,704	165	156	165	156
Mathematical and computer scientists	1,062	1,236	720	785	717	784	342	452	342	452
Natural scientists	503	540	350	367	349	367	154	173	153	173
Health diagnosing occupations	872	910	682	703	682	701	190	207	190	202
Health assessment and treating occupations	2,747	2,875	357	381	357	381	2,391	2,293	2,389	2,293
Teachers, college and university	833	915	459	502	453	499	374	413	370	412
Teachers, except college and university	4,429	4,289	1,139	1,042	1,131	1,032	3,291	3,247	3,262	3,215
Lawyers and judges	802	880	617	645	617	645	185	235	185	235
Other professional specialty occupations	4,192	4,256	2,077	2,090	2,062	2,061	2,114	2,166	2,091	2,132
Technical, sales, and administrative support	36,454	37,296	13,132	13,381	12,580	12,786	23,322	23,915	22,046	22,481
Technicians and related support	3,888	3,881	1,969	1,863	1,953	1,845	1,929	2,018	1,900	2,002
Health technologists and technicians	1,562	1,592	319	297	319	296	1,244	1,295	1,224	1,287
Engineering and science technicians	1,238	1,194	1,004	920	996	908	233	275	223	270
Technicians, except health, engineering, and science	1,098	1,095	646	646	638	641	452	449	453	445
Sales occupations	14,111	14,871	7,337	7,626	6,973	7,217	6,774	7,246	5,955	6,254
Supervisors and proprietors	4,058	4,460	2,561	2,775	2,550	2,770	1,496	1,685	1,470	1,665
Sales representatives, finance and business services	2,399	2,442	1,448	1,509	1,436	1,500	951	934	940	920
Sales representatives, commodities, except retail	1,512	1,498	1,180	1,160	1,173	1,155	332	338	325	336
Sales workers, retail and personal services	6,046	6,389	2,108	2,156	1,773	1,767	3,939	4,212	3,167	3,261
Sales-related occupations	96	103	42	26	42	25	55	77	53	72
Administrative support, including clerical	18,445	18,543	3,825	3,893	3,653	3,724	14,620	14,651	14,192	14,226
Supervisors	800	751	317	297	315	294	484	454	483	451
Computer equipment operators	563	535	196	213	191	206	367	322	351	320
Secretaries, stenographers, and typists	4,182	4,198	83	75	59	68	4,119	4,123	4,041	4,029
Financial records processing	2,207	2,257	231	197	226	194	1,976	2,059	1,951	2,034
Mail and message distributing	969	1,024	598	629	577	606	371	395	347	385
Other administrative support, including clerical	9,724	9,778	2,421	2,481	2,286	2,357	7,303	7,297	7,018	7,008
Service occupations	16,395	16,535	6,832	6,656	5,819	5,759	9,783	9,860	8,782	8,969
Private household	951	720	38	24	36	20	913	696	804	649
Protective service	2,108	2,213	1,781	1,830	1,764	1,802	327	383	314	373
Service, except private household and protective	13,337	13,602	4,813	4,802	4,019	3,937	8,523	8,800	7,665	7,947
Food service	5,653	5,800	2,385	2,410	1,737	1,713	3,268	3,391	2,655	2,737
Health service	2,250	2,137	256	234	244	220	1,994	1,903	1,927	1,845
Cleaning and building service	2,901	2,943	1,674	1,599	1,581	1,512	1,227	1,343	1,163	1,311
Personal service	2,532	2,722	498	558	458	492	2,034	2,164	1,920	2,054
Precision production, craft, and repair	13,679	13,626	12,495	12,415	12,313	12,179	1,185	1,211	1,154	1,179
Mechanics and repairers	4,501	4,420	4,313	4,240	4,241	4,168	189	160	187	177
Construction trades	5,305	5,191	5,211	5,072	5,124	4,954	95	119	82	111
Other precision production, craft, and repair	3,873	4,016	2,972	3,103	2,949	3,057	901	913	865	892
Operators, fabricators, and laborers	17,223	18,239	13,052	13,728	12,136	12,746	4,171	4,512	3,992	4,309
Machine operators, assemblers, and inspectors	7,438	7,982	4,607	4,924	4,449	4,737	2,831	3,058	2,770	2,977
Transportation and material moving occupations	5,148	5,193	4,648	4,695	4,555	4,603	500	497	489	490
Motor vehicle operators	3,887	3,942	3,453	3,499	3,382	3,426	434	442	425	435
Other transportation and material moving occupations	1,261	1,251	1,195	1,196	1,173	1,177	66	55	64	55
Handlers, equipment cleaners, helpers, and laborers	4,636	5,064	3,797	4,108	3,132	3,406	639	956	733	842
Construction laborers	742	822	713	788	669	732	30	33	29	31
Other handlers, equipment cleaners, helpers, and laborers	3,894	4,243	3,084	3,320	2,463	2,674	810	922	704	811
Farming, forestry, and fishing	3,566	3,881	3,028	3,093	2,795	2,831	538	788	507	735
Farm operators and managers	1,235	1,502	1,050	1,095	1,040	1,062	185	407	185	396
Other farming, forestry, and fishing occupations	2,332	2,379	1,979	1,998	1,756	1,769	353	381	322	338

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	
	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994
TOTAL						
Total, 16 years and over (thousands)	119,730	123,775	65,159	66,997	54,571	56,779
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	27.1	27.6	25.8	26.5	28.6	29.0
Executive, administrative, and managerial	12.8	13.4	13.7	14.2	11.7	12.6
Professional specialty	14.3	14.2	12.1	12.3	16.9	16.5
Technical, sales, and administrative support	30.4	30.1	20.2	20.0	42.7	42.1
Technicians and related support	3.3	3.1	3.0	2.8	3.5	3.6
Sales occupations	11.8	12.0	11.3	11.4	12.4	12.8
Administrative support, including clerical	15.4	15.0	5.9	5.8	26.8	25.8
Service occupations	13.7	13.4	10.2	9.9	17.9	17.4
Private household .....	.8	.6	.1	(¹)	1.7	1.2
Protective service	1.8	1.8	2.7	2.7	.6	.7
Service, except private household and protective	11.1	11.0	7.4	7.2	15.6	15.5
Precision production, craft, and repair	11.4	11.0	19.2	18.5	2.2	2.1
Operators, fabricators, and laborers	14.4	14.7	20.0	20.5	7.6	7.9
Machine operators, assemblers, and inspectors	6.2	6.4	7.1	7.3	5.2	5.4
Transportation and material moving occupations	4.3	4.2	7.1	7.0	.9	.9
Handlers, equipment cleaners, helpers, and laborers	3.9	4.1	5.8	6.1	1.5	1.7
Farming, forestry, and fishing	3.0	3.1	4.6	4.6	1.0	1.4
White						
Total, 16 years and over (thousands)	103,164	105,775	56,762	57,910	46,402	47,865
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	28.1	28.8	26.9	27.6	29.7	30.1
Executive, administrative, and managerial	13.5	14.1	14.5	14.9	12.3	13.1
Professional specialty	14.6	14.7	12.3	12.7	17.4	17.1
Technical, sales, and administrative support	30.8	30.5	20.3	20.2	43.7	42.9
Technicians and related support	3.2	3.1	3.0	2.8	3.5	3.6
Sales occupations	12.3	12.6	11.9	12.0	12.9	13.3
Administrative support, including clerical	15.3	14.8	5.5	5.5	27.3	26.0
Service occupations	12.4	12.2	9.1	8.9	16.5	16.2
Private household .....	.8	.5	.1	(¹)	1.6	1.1
Protective service	1.6	1.7	2.5	2.6	.5	.6
Service, except private household and protective	10.0	10.0	6.5	6.3	14.4	14.5
Precision production, craft, and repair	11.9	11.4	20.0	19.2	2.1	2.0
Operators, fabricators, and laborers	13.5	13.8	18.9	19.2	7.0	7.2
Machine operators, assemblers, and inspectors	5.8	5.9	6.7	6.9	4.7	4.8
Transportation and material moving occupations	4.2	4.0	6.9	6.7	.9	.8
Handlers, equipment cleaners, helpers, and laborers	3.6	3.8	5.3	5.7	1.4	1.6
Farming, forestry, and fishing	3.2	3.3	4.9	4.8	1.1	1.5
Black						
Total, 16 years and over (thousands)	12,268	12,982	6,027	6,331	6,241	6,650
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	17.1	19.1	14.1	15.8	20.1	22.1
Executive, administrative, and managerial	7.4	9.1	7.0	8.7	7.9	9.5
Professional specialty	9.7	10.0	7.2	7.1	12.2	12.7
Technical, sales, and administrative support	27.9	27.7	17.8	17.2	37.6	37.7
Technicians and related support	3.1	2.8	2.8	2.3	3.4	3.2
Sales occupations	7.5	8.0	6.2	6.6	8.7	9.2
Administrative support, including clerical	17.3	16.9	8.9	8.3	25.5	25.2
Service occupations	23.4	21.6	19.0	17.8	27.7	25.3
Private household	1.1	.9	-	.1	2.2	1.7
Protective service	2.9	2.9	4.8	4.3	1.2	1.6
Service, except private household and protective	19.4	17.8	14.2	13.4	24.3	22.0
Precision production, craft, and repair	8.3	8.3	14.2	14.4	2.7	2.6
Operators, fabricators, and laborers	21.3	21.6	31.3	31.8	11.6	11.9
Machine operators, assemblers, and inspectors	9.2	9.8	10.2	11.3	8.3	8.5
Transportation and material moving occupations	5.8	5.8	10.5	10.7	1.3	1.2
Handlers, equipment cleaners, helpers, and laborers	6.3	6.0	10.6	9.9	2.1	2.3
Farming, forestry, and fishing	1.9	1.6	3.5	2.9	.3	.4

¹ 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*.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-19. Employed persons by industry and occupation

(In thousands)

Industry	September 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 ¹		Machine operators, assemblers, and inspectors	Transportation and material moving	Handlers, equipment cleaners, helpers, and laborers	
Agriculture	3,575	92	84	40	8	152	-	15	37	3	59	21	3,064
Mining	649	107	78	22	12	62	-	7	212	14	117	18	-
Construction	7,979	1,081	140	78	67	460	-	38	4,531	99	561	908	17
Manufacturing	20,258	2,577	1,766	639	749	2,046	-	300	3,723	6,512	755	1,083	107
Durable goods	11,864	1,596	1,194	420	321	1,127	-	138	2,551	3,487	428	506	98
Nondurable goods	8,394	981	572	219	429	919	-	163	1,172	3,025	327	578	9
Transportation and public utilities	8,769	1,080	502	322	284	2,311	-	251	1,261	131	2,026	584	17
Wholesale and retail trade	25,505	2,296	501	168	10,603	2,317	-	4,839	1,348	380	1,016	1,932	104
Wholesale trade	4,831	551	103	35	1,968	755	-	23	294	167	444	424	66
Retail trade	20,674	1,745	397	134	8,635	1,562	-	4,816	1,054	213	572	1,508	38
Finance, insurance, and real estate	8,290	2,198	333	149	2,058	2,962	-	311	156	20	10	12	80
Services	42,866	5,849	13,303	2,258	1,068	6,770	720	8,451	2,132	800	595	472	448
Private households	900	5	10	2	1	5	720	95	7	2	6	8	39
Other service industries	41,966	5,844	13,293	2,256	1,067	6,765	-	8,356	2,125	798	588	465	409
Professional services	29,079	3,654	11,908	1,971	230	5,061	-	5,061	472	232	305	80	104
Public administration	5,884	1,356	856	204	22	1,464	-	1,603	226	23	54	33	42

¹ 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*.

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

(In thousands)

Age and sex	September 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	1,824	1,694	57	111,072	92,710	890	91,820	18,362	8,998	130
16 to 19 years	177	83	-	5,408	5,201	64	5,138	206	109	-
16 to 17 years	79	62	12	2,241	2,180	39	2,140	61	59	1
18 to 19 years	98	20	7	3,167	3,022	24	2,997	145	50	4
20 to 24 years	278	49	8	12,067	11,092	106	10,987	975	248	18
25 to 34 years	546	229	2	29,915	25,906	137	25,768	4,009	1,787	17
35 to 44 years	411	389	4	30,417	24,612	199	24,413	5,805	2,781	30
45 to 54 years	224	342	8	20,958	18,044	168	15,876	4,914	2,173	31
55 to 64 years	116	305	13	9,593	7,626	130	7,496	1,967	1,242	24
65 years and over	72	296	3	2,714	2,229	87	2,142	485	658	6
Men, 16 years and over	1,380	1,218	31	58,702	50,383	90	50,293	8,319	5,625	39
16 to 19 years	142	72	13	2,770	2,681	15	2,665	90	57	-
16 to 17 years	58	54	5	1,146	1,110	6	1,104	36	36	1
18 to 19 years	84	18	7	1,625	1,571	10	1,561	54	21	-
20 to 24 years	224	45	8	6,387	5,948	19	5,929	439	138	14
25 to 34 years	424	161	(¹)	16,205	14,390	16	14,374	1,815	1,065	(¹)
35 to 44 years	297	281	-	16,006	13,477	12	13,465	2,529	1,758	2
45 to 54 years	155	229	-	10,864	8,597	10	8,586	2,267	1,354	3
55 to 64 years	89	208	6	5,057	4,142	11	4,131	915	822	10
65 years and over	49	223	3	1,414	1,149	6	1,142	265	432	4
Women, 16 years and over	444	475	25	52,370	42,327	800	41,527	10,043	3,373	91
16 to 19 years	35	11	6	2,637	2,521	48	2,472	117	52	-
16 to 17 years	21	9	-	1,095	1,070	33	1,036	26	23	-
18 to 19 years	15	2	-	1,542	1,451	15	1,436	91	28	-
20 to 24 years	54	4	-	5,680	5,144	86	5,058	536	110	4
25 to 34 years	122	68	2	13,710	11,516	122	11,394	2,195	722	16
35 to 44 years	114	108	2	14,412	11,135	187	10,948	3,277	1,023	28
45 to 54 years	69	113	8	10,094	7,447	157	7,290	2,647	819	28
55 to 64 years	27	98	7	4,535	3,484	119	3,365	1,052	421	14
65 years and over	23	73	-	1,301	1,080	81	1,000	220	226	1

¹ 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*.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

Hours of work	September 1994					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	119,144	3,385	115,759	100.0	100.0	100.0
1 to 34 hours	29,094	1,065	28,029	24.4	31.5	24.2
1 to 4 hours	1,214	84	1,130	1.0	2.5	1.0
5 to 14 hours	4,917	284	4,633	4.1	8.4	4.0
15 to 29 hours	14,636	469	14,166	12.3	13.9	12.2
30 to 34 hours	8,327	228	8,099	7.0	6.7	7.0
35 hours and over	90,050	2,320	87,731	75.6	68.5	75.8
35 to 39 hours	8,571	163	8,408	7.2	4.8	7.3
40 hours	41,829	586	41,244	35.1	17.3	35.6
41 hours and over	39,650	1,571	38,079	33.3	46.4	32.9
41 to 48 hours	14,878	289	14,589	12.5	8.5	12.6
49 to 59 hours	14,353	404	13,950	12.0	11.9	12.1
60 hours and over	10,419	878	9,540	8.7	25.9	8.2
Average hours, total at work	39.7	43.5	39.5	-	-	-
Average hours, persons who usually work full time	43.9	52.6	43.7	-	-	-

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 redesign survey.

A-22. Persons at work 1 to 34 hours in all and nonagricultural industries by reason for working less than 35 hours and usual full- or part-time status

(Numbers in thousands)

Reason for working less than 35 hours	September 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	29,094	8,320	20,774	28,029	8,095	19,934
Economic reasons	4,017	1,212	2,805	3,831	1,148	2,683
Slack work or business conditions	2,187	996	1,191	2,070	944	1,126
Could only find part-time work	1,588	-	1,588	1,538	-	1,538
Seasonal work	55	29	26	38	19	19
Job started or ended during week	187	187	-	185	185	-
Noneconomic reasons	25,077	7,108	17,969	24,198	6,947	17,251
Child-care problems	593	43	551	576	43	533
Other family or personal obligations	5,752	760	4,992	5,536	729	4,806
Health or medical limitations	639	-	639	606	-	606
In school or training	6,441	112	6,329	6,230	106	6,123
Retired or Social Security limit on earnings	1,871	-	1,871	1,708	-	1,708
Vacation or personal day	2,794	2,794	-	2,750	2,750	-
Holiday, legal or religious	802	802	-	781	781	-
Weather-related curtailment	138	138	-	127	127	-
All other reasons	6,046	2,459	3,587	5,885	2,410	3,475
Average hours:						
Economic reasons	22.5	24.2	21.8	22.6	24.1	21.9
Other reasons	21.1	25.7	19.3	21.2	25.7	19.4

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-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	September 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	115,759	28,029	3,831	6,947	17,251	87,731	39.5	43.7
Wage and salary workers	107,101	25,233	3,326	6,425	15,481	81,868	39.5	43.4
Mining	611	38	7	21	10	572	47.9	48.5
Construction	6,183	997	278	421	298	5,186	41.4	42.9
Manufacturing	19,150	2,218	343	1,128	747	16,932	42.8	43.9
Durable goods	11,199	1,099	140	630	328	10,100	43.6	44.4
Nondurable goods	7,951	1,120	203	498	418	6,831	41.8	43.3
Transportation and public utilities	8,064	1,173	149	450	574	6,892	42.3	44.3
Wholesale and retail trade	22,742	7,793	1,042	1,003	5,749	14,948	37.1	43.9
Finance, insurance, and real estate	7,267	1,299	95	507	697	5,968	40.2	42.5
Service industries	37,390	10,815	1,345	2,374	7,095	26,575	37.9	43.0
Private households	851	496	107	25	365	355	28.3	43.8
All other industries	36,539	10,318	1,239	2,350	6,730	26,221	38.1	43.0
Public administration	5,695	900	67	521	312	4,795	40.7	42.2
Self-employed workers	8,528	2,735	501	518	1,717	5,793	40.2	47.2
Unpaid family workers	130	61	4	3	53	69	37.0	47.7

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-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	September 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								
Total, 16 years and over	115,759	28,029	3,831	6,947	17,251	87,731	39.5	43.7
16 to 19 years	5,350	3,995	290	146	3,558	1,355	23.9	39.8
16 to 17 years	2,228	2,094	20	18	2,056	134	17.4	38.5
18 to 19 years	3,122	1,901	271	128	1,502	1,221	28.5	39.9
20 years and over	110,409	24,034	3,540	6,801	13,693	86,375	40.3	43.7
20 to 24 years	11,980	3,819	591	599	2,629	8,162	36.5	42.2
25 years and over	98,429	20,215	2,950	6,202	11,063	78,214	40.8	43.9
25 to 54 years	85,025	15,689	2,647	5,269	7,773	69,335	41.5	44.1
55 years and over	13,405	4,526	302	933	3,290	8,879	36.4	42.8
Men, 16 years and over	62,309	10,406	1,807	3,388	5,211	51,904	42.6	45.2
16 to 19 years	2,749	1,922	130	68	1,724	827	25.5	41.0
16 to 17 years	1,147	1,064	9	12	1,042	83	18.2	39.3
18 to 19 years	1,602	858	121	56	682	744	30.7	41.2
20 years and over	59,560	8,484	1,677	3,320	3,486	51,076	43.4	45.3
20 to 24 years	6,384	1,652	286	331	1,036	4,731	38.7	43.1
25 years and over	53,176	6,831	1,391	2,990	2,451	46,345	44.0	45.5
25 to 54 years	45,883	4,901	1,231	2,489	1,181	40,983	44.7	45.7
55 years and over	7,293	1,931	160	501	1,270	5,362	39.3	44.1
Women, 16 years and over	53,450	17,623	2,024	3,559	12,040	35,827	36.0	41.5
16 to 19 years	2,601	2,073	161	78	1,834	528	22.2	37.9
16 to 17 years	1,081	1,030	10	6	1,014	51	16.6	37.0
18 to 19 years	1,520	1,043	150	72	820	477	26.2	37.9
20 years and over	50,849	15,550	1,863	3,481	10,206	35,299	36.7	41.5
20 to 24 years	5,596	2,166	304	268	1,593	3,430	34.0	41.0
25 years and over	45,253	13,384	1,559	3,212	8,613	31,869	37.0	41.6
25 to 54 years	39,141	10,789	1,416	2,780	6,593	28,352	37.6	41.7
55 years and over	6,112	2,595	143	432	2,020	3,516	33.0	40.9
Race								
White, 16 years and over	98,653	24,203	3,006	5,963	15,234	74,450	39.7	44.0
Men	53,711	8,860	1,424	2,948	4,487	44,852	43.0	45.6
Women	44,941	15,343	1,582	3,014	10,747	29,598	35.8	41.6
Black, 16 years and over	12,367	2,754	644	748	1,361	9,613	38.4	41.5
Men	6,017	1,112	294	340	478	4,905	40.1	42.6
Women	6,349	1,642	350	408	883	4,707	36.8	40.4
Marital status								
Men, 16 years and over:								
Married, spouse present	38,872	4,523	785	2,131	1,607	34,349	44.5	45.8
Widowed, divorced, or separated	7,243	1,167	293	437	437	6,076	43.1	45.2
Single (never married)	16,195	4,716	729	821	3,166	11,479	38.0	43.5
Women, 16 years and over:								
Married, spouse present	29,738	9,624	889	1,989	6,747	20,113	36.1	41.3
Widowed, divorced, or separated	10,712	2,844	481	786	1,577	7,868	38.0	41.9
Single (never married)	13,000	5,155	654	784	3,716	7,846	34.0	41.5

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

(Numbers in thousands)

Occupation and sex	September 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 ¹	115,476	27,989	3,802	6,937	17,250	87,487	39.6	43.7
Managerial and professional specialty	33,076	5,921	486	2,191	3,244	27,156	42.5	45.3
Executive, administrative, and managerial	16,045	2,199	165	1,033	1,002	13,846	44.3	46.0
Professional specialty	17,031	3,721	322	1,158	2,242	13,310	40.9	44.6
Technical, sales, and administrative support	35,832	10,276	1,087	2,171	7,018	25,556	37.7	42.6
Technicians and related support	3,720	855	66	278	511	2,864	39.2	42.3
Sales occupations	14,333	4,370	530	641	3,199	9,963	39.0	45.4
Administrative support, including clerical	17,779	5,050	490	1,252	3,308	12,729	36.3	40.6
Service occupations	15,842	6,554	1,067	782	4,704	9,289	34.1	42.2
Private household	682	414	84	22	308	268	27.5	43.1
Protective service	2,112	397	49	149	199	1,715	42.2	45.0
Service, except private household and protective	13,048	5,742	935	611	4,197	7,306	33.1	41.5
Precision production, craft, and repair	13,156	1,733	474	767	492	11,423	42.3	43.6
Operators, fabricators, and laborers	17,570	3,506	687	1,026	1,792	14,064	40.7	43.7
Machine operators, assemblers, and inspectors	7,693	1,112	214	513	385	6,581	41.4	42.7
Transportation and material moving occupations	4,987	845	165	215	465	4,142	43.7	46.8
Handlers, equipment cleaners, helpers, and laborers	4,890	1,549	308	299	942	3,342	36.7	41.8
Men, 16 years and over ¹	61,864	10,273	1,783	3,358	5,132	51,592	42.7	45.3
Managerial and professional specialty	17,207	2,118	215	998	905	15,089	45.6	47.3
Executive, administrative, and managerial	9,218	917	100	503	313	8,301	46.7	47.8
Professional specialty	7,989	1,201	115	495	591	6,788	44.2	46.6
Technical, sales, and administrative support	12,982	2,306	312	637	1,958	10,675	42.5	45.6
Technicians and related support	1,801	239	20	118	101	1,562	42.6	44.1
Sales occupations	7,431	1,322	173	325	825	6,108	44.0	47.5
Administrative support, including clerical	3,750	745	120	194	431	3,005	39.5	42.7
Service occupations	6,421	1,976	334	326	1,316	4,445	37.4	43.3
Private household	22	15	11	-	4	7	(²)	(²)
Protective service	1,746	268	33	118	117	1,478	43.8	45.8
Service, except private household and protective	4,654	1,692	290	208	1,194	2,961	35.1	42.1
Precision production, craft, and repair	11,994	1,504	441	683	380	10,490	42.6	43.7
Operators, fabricators, and laborers	13,261	2,368	481	714	1,174	10,893	41.8	44.5
Machine operators, assemblers, and inspectors	4,772	539	99	261	178	4,233	42.8	44.0
Transportation and material moving occupations	4,505	617	136	202	280	3,888	44.8	47.0
Handlers, equipment cleaners, helpers, and laborers	3,984	1,212	246	251	716	2,772	37.1	42.0
Women, 16 years and over ¹	53,611	17,716	2,020	3,578	12,118	35,896	35.9	41.5
Managerial and professional specialty	15,869	3,803	271	1,192	2,339	12,067	39.2	42.9
Executive, administrative, and managerial	6,827	1,282	64	529	689	5,545	41.0	43.4
Professional specialty	9,042	2,520	207	683	1,651	6,522	37.9	42.5
Technical, sales, and administrative support	22,850	7,969	775	1,534	5,661	14,881	34.9	40.5
Technicians and related support	1,919	616	47	160	410	1,302	36.1	40.3
Sales occupations	6,902	3,048	357	316	2,374	3,854	33.6	42.1
Administrative support, including clerical	14,029	4,305	371	1,058	2,876	9,724	35.4	40.0
Service occupations	9,421	4,578	733	456	3,388	4,843	31.8	41.2
Private household	661	399	73	22	303	262	27.5	43.2
Protective service	366	129	15	31	82	237	34.5	40.5
Service, except private household and protective	8,395	4,050	644	403	3,003	4,345	32.0	41.2
Precision production, craft, and repair	1,162	229	33	83	112	933	39.3	41.7
Operators, fabricators, and laborers	4,309	1,138	207	313	618	3,172	37.5	40.8
Machine operators, assemblers, and inspectors	2,922	574	115	252	207	2,348	39.0	40.6
Transportation and material moving occupations	482	228	30	12	185	254	33.7	43.2
Handlers, equipment cleaners, helpers, and laborers	906	336	62	48	226	569	34.8	40.8

¹ Excludes farming, forestry, and fishing occupations.

² 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	
	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994
Total, 16 years and over	4,334	3,724	6.2	5.3	3,794	3,655	6.5	6.0
Married, spouse present	1,583	1,264	3.7	2.9	1,530	1,420	4.8	4.3
Widowed, divorced, or separated	652	539	8.1	6.5	808	763	6.7	6.3
Single (never married)	2,099	1,921	11.2	9.9	1,455	1,472	10.1	9.8
White, 16 years and over	3,269	2,748	5.4	4.5	2,813	2,669	5.7	5.3
Married, spouse present	1,319	999	3.5	2.6	1,270	1,220	4.5	4.1
Widowed, divorced, or separated	514	416	7.6	6.0	590	511	6.1	5.3
Single (never married)	1,437	1,333	9.4	8.5	953	938	8.5	8.1
Black, 16 years and over	873	723	12.7	10.3	812	767	11.5	10.3
Married, spouse present	182	158	5.8	4.8	175	110	7.3	4.4
Widowed, divorced, or separated	110	95	10.6	8.7	188	202	9.4	9.6
Single (never married)	582	471	21.5	17.4	450	455	17.0	16.1
Total, 25 years and over	2,986	2,402	5.1	4.0	2,698	2,497	5.5	4.9
Married, spouse present	1,514	1,194	3.7	2.9	1,387	1,258	4.6	4.0
Widowed, divorced, or separated	631	524	8.0	6.5	743	699	6.4	6.0
Single (never married)	842	684	8.4	6.9	569	540	8.0	7.2
White, 25 years and over	2,299	1,789	4.5	3.5	2,010	1,860	4.9	4.4
Married, spouse present	1,259	941	3.4	2.6	1,150	1,087	4.3	3.9
Widowed, divorced, or separated	492	406	7.5	6.1	542	477	5.8	5.2
Single (never married)	547	442	6.8	5.6	318	296	6.1	5.5
Black, 25 years and over	542	449	9.6	7.8	566	485	9.5	7.9
Married, spouse present	173	154	5.6	4.9	161	99	6.9	4.2
Widowed, divorced, or separated	109	90	10.8	8.5	171	173	8.8	8.5
Single (never married)	259	204	16.8	13.2	234	214	13.9	12.2

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-27. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994
Total, 16 years and over ¹	8,128	7,379	6.4	5.6	6.2	5.3	6.5	6.0
Managerial and professional specialty	992	958	3.0	2.7	2.8	2.4	3.2	3.0
Executive, administrative, and managerial	505	461	3.2	2.7	2.7	2.3	3.9	3.2
Professional specialty	486	498	2.8	2.8	2.9	2.6	2.6	2.9
Technical, sales, and administrative support	2,080	1,889	5.4	4.8	4.7	4.0	5.8	5.3
Technicians and related support	167	137	4.1	3.4	3.4	3.5	4.9	3.3
Sales occupations	878	818	5.9	5.2	4.5	3.9	7.3	6.5
Administrative support, including clerical	1,035	935	5.3	4.8	5.8	4.3	5.2	4.9
Service occupations	1,258	1,424	7.1	7.9	7.0	7.7	7.2	8.1
Private household	63	87	6.2	10.8	(²)	(²)	5.5	10.7
Protective service	118	94	5.3	4.1	4.3	3.6	10.6	6.2
Service, except private household and protective	1,078	1,243	7.5	8.4	7.9	9.1	7.3	8.0
Precision production, craft, and repair	954	743	6.5	5.2	6.4	5.1	8.0	6.3
Mechanics and repairers	236	175	5.0	3.8	5.2	3.6	.7	7.8
Construction trades	493	396	8.5	7.1	8.4	7.2	12.2	4.2
Other precision production, craft, and repair	225	172	5.5	4.1	4.4	3.5	8.9	6.3
Operators, fabricators, and laborers	1,694	1,473	9.0	7.5	8.5	7.0	10.2	8.8
Machine operators, assemblers, and inspectors	714	618	8.8	7.2	7.5	6.5	10.8	8.2
Transportation and material moving occupations	380	253	6.9	4.6	6.9	4.7	6.5	3.7
Handlers, equipment cleaners, helpers, and laborers	600	602	11.5	10.6	11.7	10.1	10.4	12.8
Construction laborers	152	130	17.0	13.7	17.5	13.8	(²)	(²)
Other handlers, equipment cleaners, helpers, and laborers	448	471	10.3	10.0	10.2	9.2	10.6	12.8
Farming, forestry, and fishing	260	300	6.8	7.2	6.2	6.3	10.0	10.4
No previous work experience	847	546	-	-	-	-	-	-
16 to 19 years	541	309	-	-	-	-	-	-
20 to 24 years	155	116	-	-	-	-	-	-
25 years and over	151	121	-	-	-	-	-	-

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

² 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	
	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994
Total, 16 years and over	8,128	7,379	6.4	5.6	6.2	5.3	6.5	6.0
Nonagricultural private wage and salary workers	6,286	5,671	8.6	5.8	6.5	5.4	6.7	6.1
Mining	46	32	6.6	4.8	6.8	5.5	5.4	1.2
Construction	680	530	11.2	8.4	11.4	8.7	9.1	4.9
Manufacturing	1,371	1,054	6.8	5.1	5.8	4.7	8.7	5.8
Durable goods	794	619	6.8	5.1	6.1	4.9	8.7	5.5
Lumber and wood products	56	52	8.0	6.7	7.6	6.6	10.1	7.4
Furniture and fixtures	33	46	5.3	7.1	4.5	6.4	7.7	8.4
Stone, clay, and glass products	36	11	6.4	2.0	5.6	2.7	9.1	2
Primary metal industries	65	32	8.1	3.9	7.4	2.9	11.6	9.0
Fabricated metal products	71	85	5.7	6.4	5.6	5.0	5.9	10.2
Machinery and computing equipment	131	114	5.7	4.6	5.1	4.7	7.2	4.4
Electrical machinery, equipment, and supplies	134	61	7.2	3.2	5.8	3.9	9.1	2.3
Transportation equipment	176	119	7.5	5.1	6.6	5.2	10.5	4.8
Automobiles	54	36	4.5	2.9	3.7	2.4	6.9	4.4
Other transportation equipment	122	83	10.7	7.6	9.6	8.2	15.0	5.5
Professional and photographic equipment	37	34	5.4	5.0	5.5	2.6	5.4	8.3
Other durable goods industries	55	65	10.6	9.8	8.9	11.3	12.2	7.2
Nondurable goods	577	435	6.8	5.0	5.5	4.2	8.7	6.2
Food and kindred products	144	107	7.7	5.7	6.6	5.3	9.7	6.2
Textile mill products	47	41	7.1	6.1	6.5	5.5	7.8	6.8
Apparel and other textile products	116	80	10.9	7.5	8.2	5.9	11.9	8.1
Paper and allied products	30	36	3.9	4.7	3.1	3.0	6.4	10.0
Printing and publishing	95	71	5.4	4.1	6.0	3.5	4.7	4.7
Chemicals and allied products	74	46	5.9	3.7	3.7	4.0	10.0	3.0
Rubber and miscellaneous plastics products	48	47	5.7	5.3	4.2	4.8	9.3	6.5
Other nondurable goods industries	23	10	7.1	2.7	7.5	1.7	7.1	4.9
Transportation and public utilities	337	297	4.9	4.2	5.3	4.3	4.0	4.0
Transportation	260	195	6.5	4.5	6.9	4.6	5.1	4.1
Communications and other public utilities	78	102	2.7	3.7	2.6	3.6	2.9	4.0
Wholesale and retail trade	1,748	1,673	7.2	6.6	6.4	5.8	8.2	7.6
Wholesale trade	264	237	5.9	5.0	5.2	3.9	7.6	7.5
Retail trade	1,484	1,436	7.5	7.0	6.8	6.4	8.2	7.6
Finance, insurance, and real estate	307	354	4.1	4.6	3.8	3.3	4.3	5.4
Service industries	1,797	1,733	6.1	5.7	6.4	5.4	5.9	5.8
Professional services	738	696	4.2	3.8	3.8	3.0	4.3	4.1
Other service industries	1,058	1,037	9.0	8.5	8.7	7.5	9.4	9.7
Agricultural wage and salary workers	163	175	8.4	8.8	6.7	8.0	14.2	11.1
Government, self-employed, and unpaid family workers	832	987	2.8	3.3	2.8	3.0	2.7	3.5
No previous work experience	847	546	-	-	-	-	-	-

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*.

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	
	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994
NUMBER OF UNEMPLOYED												
Total unemployed	8,128	7,379	3,702	3,059	3,276	3,136	1,150	1,184	6,082	5,416	1,686	1,490
Job losers and persons who completed temporary jobs	4,206	3,206	2,523	1,780	1,521	1,258	163	167	3,219	2,462	823	534
On temporary layoff	849	614	504	327	319	234	25	52	706	501	120	76
Not on temporary layoff	3,357	2,592	2,019	1,453	1,201	1,024	137	115	2,513	1,962	703	458
Permanent job losers	(¹)	1,865	(¹)	1,021	(¹)	802	(¹)	42	(¹)	1,423	(¹)	317
Persons who completed temporary jobs	(¹)	727	(¹)	432	(¹)	222	(¹)	73	(¹)	539	(¹)	141
Job leavers	975	935	398	417	417	400	159	118	754	755	177	135
Reentrants	2,167	2,692	685	804	1,163	1,299	319	590	1,580	1,866	477	660
New entrants	780	546	96	59	175	178	509	309	530	332	208	161
PERCENT DISTRIBUTION												
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	43.4	68.1	58.2	46.4	40.1	14.1	14.1	52.9	45.5	48.8	35.8
On temporary layoff	10.4	8.3	13.6	10.7	9.8	7.5	2.2	4.4	11.6	9.2	7.1	5.1
Not on temporary layoff	41.3	35.1	54.5	47.5	36.7	32.7	11.9	9.7	41.3	36.2	41.7	30.7
Job leavers	12.0	12.7	10.8	13.6	12.7	12.8	13.9	10.0	12.4	13.9	10.5	9.1
Reentrants	26.7	36.5	18.5	26.3	35.5	41.4	27.7	49.8	26.0	34.5	28.3	44.3
New entrants	9.6	7.4	2.6	1.9	5.3	5.7	44.3	26.1	8.7	6.1	12.3	10.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers and persons who completed temporary jobs	3.3	2.4	3.8	2.7	2.8	2.2	2.5	2.4	2.9	2.2	5.9	3.7
Job leavers .....	.8	.7	.6	.6	.8	.7	2.5	1.7	.7	.7	1.3	.9
Reentrants	1.7	2.1	1.0	1.2	2.1	2.3	4.9	8.4	1.4	1.7	3.4	4.6
New entrants .....	.6	.4	.1	.1	.3	.3	7.8	4.4	.5	.3	1.5	1.1

¹ 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*.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Percent distribution)

Reason, sex, and age	September 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, 18 years and over	7,379	100.0	37.0	28.4	34.6	14.6	20.1
Job losers and persons who completed temporary jobs	3,206	100.0	33.9	30.0	36.1	15.7	20.4
On temporary layoff	614	100.0	53.9	30.4	15.7	9.7	6.0
Not on temporary layoff	2,592	100.0	29.2	29.9	40.9	17.1	23.8
Permanent job losers	1,865	100.0	24.9	29.9	45.2	19.5	25.7
Persons who completed temporary jobs	727	100.0	40.3	29.8	29.9	11.1	18.8
Job leavers	935	100.0	51.2	26.0	22.8	7.8	14.9
Reentrants	2,892	100.0	37.1	27.0	35.9	15.1	20.8
New entrants	546	100.0	29.8	30.4	40.0	16.7	23.3
Men, 20 years and over	3,059	100.0	31.5	26.3	42.2	15.8	26.4
Job losers and persons who completed temporary jobs	1,780	100.0	30.6	28.9	40.6	16.3	24.3
On temporary layoff	327	100.0	46.2	33.5	20.3	12.1	8.2
Not on temporary layoff	1,453	100.0	27.0	27.8	45.1	17.2	27.9
Permanent job losers	1,021	100.0	23.7	28.1	48.3	18.9	29.4
Persons who completed temporary jobs	432	100.0	35.0	27.3	37.7	13.2	24.5
Job leavers	417	100.0	42.4	26.6	31.0	5.3	25.7
Reentrants	804	100.0	27.9	21.4	50.7	20.5	30.2
New entrants	59	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 20 years and over	3,136	100.0	36.5	30.4	33.1	14.6	18.5
Job losers and persons who completed temporary jobs	1,258	100.0	34.0	32.1	34.0	16.9	17.1
On temporary layoff	234	100.0	60.7	27.8	11.5	8.4	3.1
Not on temporary layoff	1,024	100.0	27.8	33.0	39.1	18.9	20.3
Permanent job losers	802	100.0	25.3	31.3	43.3	21.1	22.2
Persons who completed temporary jobs	222	100.0	36.9	39.2	23.8	10.8	13.1
Job leavers	400	100.0	53.8	27.6	18.6	10.6	8.0
Reentrants	1,299	100.0	34.7	30.3	35.0	13.0	22.0
New entrants	178	100.0	28.3	26.2	45.4	18.9	26.6
Both sexes, 16 to 19 years	1,184	100.0	52.3	28.6	19.0	11.4	7.6
Job losers and persons who completed temporary jobs	167	100.0	69.5	26.5	4.0	.7	3.3
On temporary layoff	52	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Not on temporary layoff	115	100.0	68.5	28.1	3.4	1.1	2.4
Permanent job losers	42	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Persons who completed temporary jobs	73	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Job leavers	118	100.0	73.6	18.6	7.8	7.3	-
Reentrants	590	100.0	55.0	27.3	17.7	12.5	5.2
New entrants	309	100.0	29.8	36.2	34.0	16.6	17.4

¹ 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	
	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994
Total, 16 years and over	8,128	7,379	100.0	100.0	6,405	5,842	100.0	100.0
Less than 5 weeks	3,121	2,727	38.4	37.0	2,068	1,867	32.3	32.0
5 to 14 weeks	2,243	2,098	27.6	28.4	1,839	1,723	28.7	29.5
5 to 10 weeks	1,565	1,356	19.3	18.4	1,270	1,115	19.8	19.1
11 to 14 weeks	678	742	8.3	10.0	569	608	8.9	10.4
15 weeks and over	2,764	2,554	34.0	34.6	2,499	2,252	39.0	38.5
15 to 26 weeks	1,115	1,075	13.7	14.6	992	926	15.5	15.8
27 weeks and over	1,649	1,480	20.3	20.1	1,507	1,326	23.5	22.7
27 to 51 weeks	711	560	8.8	7.6	649	511	10.1	8.7
52 weeks and over	937	920	11.5	12.5	858	815	13.4	13.9
Average (mean) duration, in weeks	17.9	18.6	-	-	20.1	20.5	-	-
Median duration, in weeks	8.0	9.0	-	-	9.8	10.2	-	-

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

Sex, age, race, and marital status	September 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		
TOTAL								
Total, 16 years and over	7,379	2,727	2,098	2,554	1,075	1,480	18.6	9.0
16 to 19 years	1,184	620	339	225	135	91	10.3	4.3
20 to 24 years	1,296	563	371	362	180	181	14.8	7.4
25 to 34 years	1,846	676	520	650	283	367	18.2	8.6
35 to 44 years	1,601	466	521	613	235	378	21.0	10.4
45 to 54 years	892	250	208	434	150	284	26.3	14.0
55 to 64 years	418	105	113	200	70	130	27.0	13.6
65 years and over	142	47	25	70	21	49	28.9	14.3
Men, 16 years and over								
16 to 19 years	3,724	1,298	995	1,431	569	862	20.7	9.9
16 to 19 years	665	335	190	140	87	53	10.5	4.5
20 to 24 years	657	320	167	170	95	75	13.7	5.4
25 to 34 years	879	316	214	349	149	200	20.5	9.4
35 to 44 years	755	159	245	350	107	243	25.4	13.1
45 to 54 years	456	90	100	266	84	182	32.0	20.0
55 to 64 years	241	59	64	118	37	81	29.1	14.1
65 years and over	72	20	14	38	11	27	(¹)	(¹)
Women, 16 years and over								
16 to 19 years	3,655	1,429	1,103	1,123	506	618	16.5	8.1
16 to 19 years	519	285	149	85	48	37	10.1	4.1
20 to 24 years	639	243	204	192	86	106	16.1	8.5
25 to 34 years	968	361	306	301	135	166	16.1	8.0
35 to 44 years	846	307	276	263	128	134	17.0	8.7
45 to 54 years	437	161	108	168	66	102	20.4	10.9
55 to 64 years	177	46	49	82	32	50	24.1	12.3
65 years and over	70	27	11	32	10	22	(¹)	(¹)
Race								
White, 16 years and over	5,416	2,110	1,497	1,809	732	1,077	18.1	8.5
Men	2,748	1,009	720	1,019	373	645	20.4	9.5
Women	2,669	1,101	778	790	359	432	15.8	7.5
Black, 16 years and over	1,490	449	455	587	263	324	20.8	10.3
Men	723	200	212	311	139	172	22.7	11.3
Women	767	249	243	276	124	151	18.9	9.6
Marital status								
Men, 16 years and over:								
Married, spouse present	1,264	355	318	591	211	380	25.0	12.8
Widowed, divorced, or separated	539	116	164	259	77	182	26.9	13.8
Single (never married)	1,921	827	513	581	280	300	16.1	7.7
Women, 16 years and over:								
Married, spouse present	1,420	572	419	429	199	230	16.0	7.7
Widowed, divorced, or separated	763	255	260	249	98	151	18.3	9.0
Single (never married)	1,472	602	425	445	208	237	16.1	7.9

¹ 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-33. Unemployed persons by occupation, industry, and duration of unemployment

Occupation and industry	September 1994							Average (mean) duration	Median duration
	Thousands of persons					Weeks			
	Total	Less than 5 weeks	5 to 14 weeks	15 weeks and over					
				Total	15 to 26 weeks	27 weeks and over			
OCCUPATION									
Managerial and professional specialty	958	338	272	348	146	203	18.6	9.6	
Technical, sales, and administrative support	1,889	686	571	633	282	351	18.0	8.6	
Service occupations	1,424	609	384	431	206	225	15.9	7.2	
Precision production, craft, and repair	743	247	208	287	102	185	21.7	9.8	
Operators, fabricators, and laborers	1,473	536	413	525	207	318	19.8	9.5	
Farming, forestry, and fishing	300	135	80	86	35	51	14.3	7.3	
INDUSTRY¹									
Agriculture	175	76	60	39	19	20	11.9	6.5	
Construction	541	218	139	184	73	112	18.8	8.6	
Manufacturing	1,063	331	313	419	191	228	21.2	10.6	
Durable goods	626	187	172	287	123	164	24.5	13.0	
Nondurable goods	438	164	142	132	68	64	16.5	8.3	
Transportation and public utilities	337	88	85	164	43	122	27.6	13.9	
Wholesale and retail trade	1,687	653	481	553	256	297	16.8	8.4	
Finance, insurance, and real estate	356	146	106	103	42	62	16.2	7.6	
Services	2,062	844	585	633	277	356	16.7	7.9	
Public administration	201	71	50	81	31	49	19.1	9.3	
No previous work experience	546	162	166	218	91	127	22.0	11.6	

¹ 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	September 1994					Men	Women
	Total	Age					
		16 to 24 years	25 to 54 years	55 years and over			
Total not in the labor force	66,093	11,670	18,269	36,155	23,855	42,238	
Do not want a job now ¹	60,230	9,649	15,448	35,133	21,549	38,681	
Want a job ¹	5,862	2,020	2,821	1,021	2,306	3,557	
Did not search for work in previous year	3,332	1,110	1,486	737	1,185	2,147	
Searched for work in previous year ²	2,530	911	1,335	285	1,121	1,409	
Not available to work now	673	262	371	39	251	421	
Available to work now	1,858	648	984	246	870	988	
Reason not currently looking:							
Discouragement over job prospects ³	521	132	291	98	314	207	
Reasons other than discouragement	1,337	516	673	148	556	781	
Family responsibilities	215	53	141	20	42	172	
In school or training	286	244	42	-	144	143	
Ill health or disability	110	12	71	27	45	65	
Other ⁴	726	207	418	100	325	401	

¹ Includes some persons who are not asked if they want a job.
² Persons who had a job in the prior 12 months must have searched since the end of that job.
³ 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.
⁴ Includes those who did not actively look for work in the prior 4 weeks for such reasons as child care and transportation problems, as well as a small number for which reason for non participation was not ascertained.

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

(Numbers in thousands)

Characteristic	September 1994					
	Both sexes		Men		Women	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
AGE						
Total, 16 years and over ²	7,525	6.1	4,138	6.2	3,387	6.0
16 to 19 years	224	3.9	84	2.7	140	5.1
20 years and over	7,302	6.2	4,054	6.3	3,248	6.0
20 to 24 years	871	6.9	444	6.5	427	7.3
25 years and over	6,431	6.1	3,610	6.3	2,820	5.9
25 to 54 years	5,798	6.4	3,240	6.6	2,557	6.2
55 years and over	633	4.2	370	4.4	263	3.9
55 to 64 years	531	4.7	310	5.0	220	4.3
65 years and over	102	2.7	59	2.8	43	2.6
RACE AND HISPANIC ORIGIN						
White	6,708	6.3	3,712	6.4	2,997	6.3
Black	607	4.7	328	5.2	280	4.2
Hispanic origin	420	3.9	273	4.2	147	3.4
MARITAL STATUS						
Married, spouse present	4,299	5.8	2,681	6.4	1,618	5.1
Widowed, divorced, or separated	1,236	6.5	438	5.6	798	7.0
Single (never married)	1,990	6.4	1,018	5.8	972	7.2
FULL- OR PART-TIME STATUS						
Primary job full time, secondary job part time	4,464	-	2,720	-	1,743	-
Primary and secondary jobs both part time	1,654	-	519	-	1,134	-
Primary and secondary jobs both full time	248	-	179	-	69	-
Hours vary on primary or secondary job	1,116	-	697	-	419	-

¹ Multiple jobholders as a percent of all employed persons in specified group.

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

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

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

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	Sept. 1993	Sept. 1994	Total		Employed		Unemployed			
			Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994	Number		Percent of labor force	
							Sept. 1993	Sept. 1994	Sept. 1993	Sept. 1994
VIETNAM-ERA VETERANS										
Total, 40 years and over	7,230	7,711	6,398	6,742	6,138	6,507	260	235	4.1	3.5
40 to 54 years	6,379	6,755	5,942	6,187	5,699	5,975	243	212	4.1	3.4
40 to 44 years	2,193	1,850	2,050	1,709	1,949	1,643	101	66	4.9	3.9
45 to 49 years	2,972	3,333	2,772	3,069	2,677	2,963	95	106	3.4	3.5
50 to 54 years	1,214	1,572	1,121	1,408	1,073	1,369	47	39	4.2	2.8
55 years and over	851	955	456	555	439	532	17	23	3.7	4.1
NONVETERANS										
Total, 40 to 54 years	15,607	16,269	14,223	14,710	13,552	14,210	671	500	4.7	3.4
40 to 44 years	6,894	7,604	6,431	7,082	6,165	6,859	266	223	4.1	3.1
45 to 49 years	4,692	4,775	4,280	4,311	4,076	4,183	204	128	4.8	3.0
50 to 54 years	4,020	3,890	3,512	3,317	3,311	3,169	201	149	5.7	4.5

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
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	(¹)	(¹)
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	(¹)	(¹)
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	(¹)	(¹)
1946	41,652	36,056	17,248	862	1,683	14,703	24,404	4,061	2,298	6,077	1,675	4,697	2,254	(¹)	(¹)
1947	43,857	38,382	18,509	955	2,009	15,545	25,348	4,168	2,476	6,477	1,728	5,025	1,892	(¹)	(¹)
1948	44,866	39,216	18,774	984	2,198	15,582	26,092	4,189	2,612	6,659	1,800	5,161	1,863	(¹)	(¹)
1949	43,754	37,897	17,565	930	2,194	14,441	28,189	4,001	2,610	6,654	1,828	5,239	1,908	(¹)	(¹)
1950	45,197	39,170	18,506	901	2,364	15,241	26,691	4,034	2,643	6,743	1,888	5,356	1,928	(¹)	(¹)
1951	47,819	41,430	19,959	929	2,637	16,393	27,880	4,228	2,735	7,007	1,956	5,547	2,302	(¹)	(¹)
1952	48,793	42,185	20,198	898	2,668	16,632	28,595	4,248	2,821	7,184	2,035	5,699	2,420	(¹)	(¹)
1953	50,202	43,556	21,074	866	2,659	17,549	29,126	4,290	2,862	7,385	2,111	5,835	2,305	(¹)	(¹)
1954	48,990	42,238	19,751	791	2,646	16,314	29,239	4,084	2,675	7,360	2,200	5,969	2,188	(¹)	(¹)
1955	50,841	43,727	20,513	792	2,839	16,862	30,128	4,141	2,934	7,601	2,298	6,240	2,187	1,188	3,558
1956	52,369	45,091	21,104	822	3,039	17,243	31,264	4,244	3,027	7,831	2,389	6,497	2,209	1,250	3,819
1957	52,855	45,239	20,987	828	2,962	17,176	31,889	4,241	3,037	7,848	2,438	6,708	2,217	1,328	4,071
1958	51,322	43,483	19,513	751	2,817	15,945	31,811	3,976	2,989	7,761	2,481	6,765	2,191	1,415	4,230
1959 ²	53,270	45,188	20,411	732	3,004	16,675	32,857	4,011	3,092	8,035	2,549	7,087	2,233	1,484	4,366
1960	54,189	45,836	20,434	712	2,926	16,798	33,755	4,004	3,153	8,238	2,828	7,378	2,270	1,536	4,547
1961	53,999	45,404	19,857	672	2,859	16,328	34,142	3,803	3,142	8,195	2,688	7,819	2,279	1,607	4,706
1962	55,549	46,660	20,451	650	2,948	16,853	35,098	3,906	3,207	8,359	2,754	7,982	2,340	1,668	4,881
1963	56,853	47,429	20,640	835	3,010	16,995	36,013	3,903	3,258	8,520	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	8,812	2,911	8,660	2,348	1,856	5,392
1965	60,783	50,889	21,928	632	3,232	18,062	38,639	4,036	3,477	9,239	2,977	9,036	2,378	1,996	5,700
1966	63,901	53,116	23,158	827	3,317	19,214	40,743	4,158	3,608	9,637	3,058	9,498	2,564	2,141	6,080
1967	65,803	54,413	23,308	813	3,248	19,447	42,495	4,268	3,700	9,906	3,185	10,045	2,719	2,302	6,371
1968	67,897	56,058	23,737	608	3,350	19,781	44,158	4,318	3,791	10,308	3,337	10,567	2,737	2,442	6,660
1969	70,364	58,169	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	2,664	7,156
1971	71,211	58,331	22,935	609	3,704	18,623	48,276	4,478	4,014	11,338	3,772	11,797	2,696	2,747	7,437
1972	73,875	60,341	23,668	628	3,889	19,151	50,007	4,541	4,127	11,822	3,908	12,276	2,664	2,859	7,790
1973	76,790	63,058	24,893	642	4,097	20,154	51,897	4,656	4,291	12,315	4,046	12,857	2,663	2,923	8,146
1974	78,265	64,095	24,794	697	4,020	20,077	53,471	4,725	4,447	12,539	4,148	13,441	2,724	3,039	8,407
1975	76,945	62,259	22,600	752	3,525	18,323	54,345	4,542	4,430	12,630	4,185	13,892	2,748	3,179	8,758
1976	79,382	64,511	23,352	779	3,578	18,997	56,030	4,582	4,562	13,193	4,271	14,551	2,733	3,273	8,865
1977	82,471	67,344	24,348	813	3,851	19,682	58,125	4,713	4,723	13,792	4,467	15,302	2,727	3,377	9,023
1978	88,697	71,026	25,585	851	4,229	20,505	61,113	4,923	4,985	14,556	4,724	16,252	2,753	3,474	9,446
1979	89,823	73,878	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	74,186	25,658	1,027	4,346	20,285	64,748	5,146	5,292	15,018	5,160	17,890	2,866	3,610	9,785
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	9,819
1982	89,544	73,707	23,812	1,128	3,904	18,780	65,732	5,081	5,295	15,158	5,340	19,021	2,739	3,640	9,458
1983	90,152	74,282	23,330	952	3,946	18,432	66,621	4,952	5,283	15,567	5,466	19,684	2,774	3,862	9,434
1984	94,408	78,364	24,716	968	4,380	19,372	69,690	5,156	5,588	16,512	5,684	20,746	2,807	3,734	9,482
1985	97,387	80,992	24,842	927	4,668	19,248	72,544	5,233	5,727	17,315	5,948	21,927	2,875	3,632	9,687
1986	99,344	82,651	24,533	777	4,610	18,947	74,811	5,247	5,781	17,880	6,273	22,957	2,899	3,893	9,901
1987	101,958	84,848	24,874	717	4,958	18,999	77,284	5,362	5,848	18,422	6,533	24,110	2,943	3,967	10,100
1988	105,210	87,824	25,125	713	5,098	19,314	80,066	5,514	6,030	19,023	6,830	25,504	2,971	4,076	10,339
1989	107,895	90,117	25,254	692	5,171	19,391	82,642	5,625	6,187	19,475	6,668	26,907	2,988	4,182	10,609
1990	109,419	91,115	24,905	709	5,120	19,076	84,514	5,793	6,173	19,601	6,709	27,934	3,085	4,305	10,914
1991	108,256	89,854	23,745	689	4,650	18,406	84,511	5,762	6,081	19,284	6,646	28,336	2,966	4,355	11,081
1992	108,604	89,959	23,231	635	4,492	18,104	85,373	5,721	5,997	19,356	6,602	29,052	2,969	4,408	11,267
1993	110,525	91,708	23,258	611	4,642	18,003	87,289	5,787	5,958	19,717	6,712	30,276	2,915	4,484	11,417
Monthly data, seasonally adjusted															
1993:															
September	110,923	92,038	23,208	605	4,667	17,934	87,717	5,783	5,962	19,805	6,735	30,545	2,902	4,518	11,487
October	111,112	92,239	23,245	805	4,700	17,940	87,887	5,798	5,965	19,822	6,748	30,661	2,901	4,504	11,468
November	111,366	92,479	23,281	604	4,733	17,944	88,065	5,800	5,971	19,846	6,763	30,816	2,900	4,505	11,462
December	111,810	92,892	23,298	618	4,738	17,942	88,312	5,792	5,976	19,931	6,789	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	31,326	2,884	4,520	11,537
April	112,699	93,718	23,506	606	4,893	18,007	89,193	5,759	6,028	20,137	6,791	31,497	2,882	4,534	11,585
May	112,951	93,937	23,519	603	4,907	18,009	89,432	5,843	6,037	20,153	6,787	31,598	2,870	4,533	11,611
June	113,334	94,318	23,578	605	4,927	18,044	89,758	5,849	6,049	20,279	6,798	31,765	2,859	4,539	11,620
July	113,624	94,601	23,590	601	4,944	18,045	90,034	5,857	6,053	20,366	6,797	31,918	2,859	4,588	11,596
August ^p	113,870	94,814	23,627	602	4,941	18,084	90,243	5,864	6,071	20,410	6,802	32,040	2,858	4,579	11,619
September ^p	114,109	94,988	23,642	801	4,960	18,081	90,467	5,881	6,081	20,450	6,793	32,141	2,660	4,599	11,662

¹ Not available.

² 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.

^p = 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 workers¹ on private nonfarm payrolls by major industry, 1964 to date

Year and month	Total private ¹			Mining			Construction		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964	38.7	\$2.36	\$91.33	41.9	\$2.81	\$117.74	37.2	\$3.55	\$132.06
1965	38.8	2.46	95.45	42.3	2.92	123.52	37.4	3.70	138.38
1966	38.6	2.56	98.82	42.7	3.05	130.24	37.6	3.89	146.26
1967	38.0	2.68	101.84	42.6	3.19	135.89	37.7	4.11	154.95
1968	37.8	2.85	107.73	42.6	3.35	142.71	37.3	4.41	184.49
1969	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972	37.0	3.70	136.90	42.6	4.44	189.14	36.5	6.06	221.19
1973	36.9	3.94	145.39	42.4	4.75	201.40	36.8	6.41	235.89
1974	36.5	4.24	154.76	41.9	5.23	219.14	36.6	6.81	249.25
1975	36.1	4.53	163.53	41.9	5.95	249.31	36.4	7.31	266.08
1976	36.1	4.86	175.45	42.4	6.46	273.90	36.8	7.71	283.73
1977	36.0	5.25	189.00	43.4	6.94	301.20	36.5	8.10	295.65
1978	35.8	5.69	203.70	43.4	7.67	332.88	36.8	8.66	318.69
1979	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.32	464.46
1986	34.8	8.76	304.85	42.2	12.46	525.81	37.4	12.48	466.75
1987	34.8	8.98	312.50	42.4	12.54	531.70	37.8	12.71	480.44
1988	34.7	9.28	322.02	42.3	12.80	541.44	37.9	13.08	495.73
1989	34.6	9.66	334.24	43.0	13.26	570.18	37.9	13.54	513.17
1990	34.5	10.01	345.35	44.1	13.68	603.29	38.2	13.77	526.01
1991	34.3	10.32	353.98	44.4	14.19	630.04	38.1	14.00	533.40
1992	34.4	10.57	363.61	43.9	14.54	638.31	38.0	14.15	537.70
1993	34.5	10.83	373.64	44.3	14.60	646.78	38.4	14.37	551.81
Monthly data, not seasonally adjusted									
1993:									
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
1994:									
January	34.3	11.06	379.36	44.1	15.06	664.15	37.0	14.41	533.17
February	34.0	11.06	376.04	43.7	14.92	652.00	36.1	14.45	521.65
March	34.4	11.04	379.78	44.0	14.84	652.96	38.1	14.44	550.16
April	34.5	11.07	381.92	44.5	14.96	665.72	38.3	14.49	554.97
May	34.8	11.09	385.93	44.4	14.83	658.45	39.7	14.59	579.22
June	34.8	11.03	383.64	44.8	14.73	659.90	39.6	14.57	576.97
July	34.9	11.04	385.30	44.9	14.73	661.38	39.7	14.72	584.38
August ^p	35.0	11.04	386.40	45.1	14.71	663.42	39.8	14.77	587.85
September ^p	34.8	11.20	389.76	45.4	14.86	674.64	40.0	14.93	597.20

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

B-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry, 1964 to date—Continued

Year and month	Manufacturing				Transportation and public utilities			Wholesale trade		
	Weekly hours	Hourly earnings	Hourly earnings, excluding overtime	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages										
1964	40.7	\$2.53	\$2.43	\$102.97	41.1	\$2.89	\$118.78	40.7	\$2.52	\$102.56
1965	41.2	2.61	2.50	107.53	41.3	3.03	125.14	40.8	2.60	106.08
1966	41.4	2.71	2.59	112.19	41.2	3.11	128.13	40.7	2.73	111.11
1967	40.6	2.82	2.71	114.49	40.5	3.23	130.82	40.3	2.87	115.66
1968	40.7	3.01	2.88	122.51	40.6	3.42	138.85	40.1	3.04	121.90
1969	40.6	3.19	3.05	129.51	40.7	3.63	147.74	40.2	3.23	129.85
1970	39.8	3.35	3.23	133.33	40.5	3.85	155.93	39.9	3.43	136.66
1971	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.4	3.64	143.42
1972	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.69
1973	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.2	4.07	159.54
1974	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.38	169.94
1975	39.5	4.63	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	226.14
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	39.8	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	396.01	39.2	11.70	458.64	38.3	9.34	357.72
1987	41.0	9.91	9.48	406.31	39.2	12.03	471.58	38.1	9.59	365.38
1988	41.1	10.19	9.73	418.81	38.8	12.26	475.69	38.1	9.98	380.24
1989	41.0	10.48	10.02	429.66	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	489.86	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
Monthly data, not seasonally adjusted										
1993:										
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
1994:										
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	502.36	39.5	13.80	545.10	38.1	11.87	452.25
April	42.0	12.01	11.39	504.42	39.9	13.78	549.82	38.3	11.99	459.22
May	42.0	12.01	11.39	504.42	40.0	13.76	550.40	38.6	11.98	462.43
June	42.2	12.03	11.39	507.67	40.1	13.72	550.17	38.5	11.94	459.69
July	41.6	12.04	11.42	500.86	40.3	13.84	557.75	38.4	12.00	460.80
August ^a	42.0	12.00	11.35	504.00	40.4	13.87	560.35	38.3	11.96	458.07
September ^a	42.3	12.13	11.44	513.10	40.3	13.91	560.57	38.4	12.05	462.72

See footnotes at end of table.

**ESTABLISHMENT DATA
HISTORICAL HOURS AND EARNINGS**

B-2. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by major industry, 1964 to date—Continued

Year and month	Retail trade			Finance, insurance, and real estate			Services		
	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings	Weekly hours	Hourly earnings	Weekly earnings
Annual averages									
1964	37.0	\$1.75	\$64.75	37.3	\$2.30	\$85.79	36.1	\$1.94	\$70.03
1965	36.6	1.82	66.61	37.2	2.39	88.91	35.9	2.05	73.60
1966	35.9	1.91	68.57	37.3	2.47	92.13	35.5	2.17	77.04
1967	35.3	2.01	70.95	37.1	2.58	95.72	35.1	2.29	80.38
1968	34.7	2.16	74.95	37.0	2.75	101.75	34.7	2.42	83.97
1969	34.2	2.30	78.66	37.1	2.93	108.70	34.7	2.61	90.57
1970	33.8	2.44	82.47	36.7	3.07	112.67	34.4	2.81	96.66
1971	33.7	2.60	87.62	36.6	3.22	117.85	33.9	3.04	103.06
1972	33.4	2.75	91.85	36.6	3.36	122.98	33.9	3.27	110.85
1973	33.1	2.91	96.32	36.6	3.53	129.20	33.8	3.47	117.29
1974	32.7	3.14	102.68	36.5	3.77	137.61	33.6	3.75	126.00
1975	32.4	3.36	108.88	36.5	4.06	148.19	33.5	4.02	134.87
1976	32.1	3.57	114.80	36.4	4.27	155.43	33.3	4.31	143.52
1977	31.6	3.85	121.66	36.4	4.54	165.26	33.0	4.65	153.45
1978	31.0	4.20	130.20	36.4	4.89	178.00	32.8	4.99	163.67
1979	30.6	4.53	138.62	36.2	5.27	190.77	32.7	5.36	175.27
1980	30.2	4.88	147.38	36.2	5.79	209.60	32.6	5.85	190.71
1981	30.1	5.25	158.03	36.3	6.31	229.05	32.6	6.41	208.97
1982	29.9	5.48	163.85	36.2	6.78	245.44	32.6	6.92	225.59
1983	29.8	5.74	171.05	36.2	7.29	263.90	32.7	7.31	239.04
1984	29.8	5.85	174.33	36.5	7.63	278.50	32.6	7.59	247.43
1985	29.4	5.94	174.64	36.4	7.94	289.02	32.5	7.90	258.75
1986	29.2	6.03	176.08	36.4	8.36	304.30	32.5	8.18	265.85
1987	29.2	6.12	178.70	36.3	8.73	316.90	32.5	8.49	275.93
1988	29.1	6.31	183.62	35.9	9.06	325.25	32.6	8.88	289.49
1989	28.9	6.53	188.72	35.8	9.53	341.17	32.6	9.38	305.79
1990	28.8	6.75	194.40	35.8	9.97	356.93	32.5	9.83	319.48
1991	28.6	6.94	198.48	35.7	10.39	370.92	32.4	10.23	331.45
1992	28.8	7.12	205.06	35.8	10.82	387.36	32.5	10.54	342.55
1993	28.8	7.29	209.95	35.8	11.35	406.33	32.5	10.79	350.88
Monthly data, not seasonally adjusted									
1993:									
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	411.26	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	215.65	35.7	11.65	415.91	32.4	10.98	355.75
1994:									
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	360.88
June	29.3	7.45	218.29	35.5	11.67	414.29	32.5	10.92	354.90
July	29.7	7.44	220.97	35.7	11.72	418.40	32.8	10.92	358.18
August ^p	29.7	7.43	220.67	35.5	11.73	416.42	32.7	10.92	357.08
September ^p	29.0	7.54	218.66	35.4	11.83	418.78	32.4	11.12	360.29

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

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Total	110,923	111,112	111,366	111,610	111,711	111,919	112,298	112,699	112,951	113,334	113,624	113,870	114,109
Total private	92,036	92,239	92,479	92,692	92,810	93,003	93,357	93,718	93,937	94,316	94,601	94,814	94,988
Goods-producing	23,206	23,245	23,281	23,298	23,328	23,327	23,395	23,506	23,519	23,576	23,590	23,627	23,642
Mining¹	605	605	604	618	616	612	609	606	603	605	601	602	601
Metal mining	50	50	50	51	50	50	50	50	50	50	51	52	51
Oil and gas extraction	357	356	355	351	349	346	344	342	338	339	335	335	336
Nonmetallic minerals, except fuels	100	101	101	101	102	101	100	100	101	101	101	101	101
Construction	4,667	4,700	4,733	4,738	4,744	4,745	4,806	4,893	4,907	4,927	4,944	4,941	4,960
General building contractors	1,107	1,120	1,133	1,138	1,139	1,134	1,152	1,163	1,161	1,165	1,161	1,167	1,169
Heavy construction, except building	711	709	712	710	713	709	710	725	723	725	733	724	721
Special trade contractors	2,849	2,871	2,888	2,890	2,892	2,902	2,944	3,005	3,023	3,037	3,050	3,050	3,070
Manufacturing	17,934	17,940	17,944	17,942	17,968	17,970	17,980	18,007	18,009	18,044	18,045	18,084	18,081
Durable goods	10,123	10,135	10,142	10,153	10,182	10,182	10,190	10,216	10,217	10,259	10,249	10,283	10,293
Lumber and wood products	705	709	712	716	723	723	723	726	726	730	732	732	732
Furniture and fixtures	484	485	487	489	492	492	493	493	495	496	500	496	495
Stone, clay, and glass products	516	517	517	518	521	521	523	529	528	529	530	531	529
Primary metal industries	675	675	678	678	679	680	680	678	679	684	686	685	688
Blast furnaces and basic steel products	237	237	238	237	236	236	235	231	230	234	234	231	232
Fabricated metal products	1,328	1,332	1,335	1,338	1,345	1,345	1,348	1,353	1,357	1,365	1,368	1,374	1,375
Industrial machinery and equipment	1,913	1,914	1,916	1,918	1,922	1,925	1,927	1,938	1,940	1,947	1,942	1,952	1,954
Electronic and other electrical equipment	1,516	1,518	1,521	1,524	1,524	1,528	1,535	1,542	1,540	1,550	1,551	1,561	1,566
Transportation equipment	1,730	1,731	1,725	1,724	1,730	1,726	1,723	1,719	1,718	1,724	1,712	1,723	1,728
Motor vehicles and equipment	832	840	843	853	874	868	867	870	868	876	875	888	894
Aircraft and parts	528	522	515	507	502	496	491	486	484	480	475	472	468
Instruments and related products	882	880	877	873	871	868	864	861	858	853	849	850	848
Miscellaneous manufacturing	374	374	374	375	375	374	374	377	376	375	379	379	378
Nondurable goods	7,811	7,805	7,802	7,789	7,786	7,788	7,790	7,791	7,792	7,791	7,796	7,801	7,788
Food and kindred products	1,671	1,678	1,675	1,671	1,667	1,672	1,670	1,667	1,665	1,666	1,668	1,666	1,661
Tobacco products	42	42	42	42	41	40	41	41	40	39	38	40	38
Textile mill products	672	672	671	671	672	673	674	673	671	671	672	672	668
Apparel and other textile products	977	970	966	959	958	954	956	955	958	957	954	958	959
Paper and allied products	687	686	685	685	686	685	684	684	684	683	684	683	680
Printing and publishing	1,515	1,514	1,515	1,514	1,517	1,518	1,521	1,523	1,524	1,528	1,531	1,535	1,534
Chemicals and allied products	1,076	1,073	1,071	1,070	1,065	1,062	1,059	1,057	1,056	1,054	1,053	1,049	1,049
Petroleum and coal products	150	150	151	149	148	148	147	148	148	147	147	147	147
Rubber and misc. plastics products	905	903	909	911	917	920	922	927	931	932	935	937	939
Leather and leather products	116	117	117	117	117	116	116	115	115	114	114	114	113
Service-producing	87,717	87,867	88,085	88,312	88,383	88,592	88,903	89,193	89,432	89,758	90,034	90,243	90,467
Transportation and public utilities	5,783	5,798	5,800	5,792	5,793	5,803	5,816	5,759	5,843	5,849	5,857	5,864	5,881
Transportation	3,590	3,606	3,613	3,611	3,611	3,622	3,638	3,582	3,664	3,677	3,687	3,689	3,708
Railroad transportation	249	246	247	248	247	248	248	246	243	246	245	244	249
Local and interurban passenger transit	371	373	374	376	377	380	382	386	383	389	391	395	399
Trucking and warehousing	1,695	1,712	1,715	1,704	1,705	1,711	1,721	1,665	1,753	1,764	1,768	1,772	1,777
Water transportation	165	166	166	165	165	166	168	166	169	166	169	164	166
Transportation by air	736	734	735	741	739	739	739	738	733	729	728	727	728
Pipelines, except natural gas	18	18	18	18	18	18	18	18	18	18	17	17	17
Transportation services	356	357	358	359	360	360	362	363	365	365	369	370	372
Communications and public utilities	2,193	2,192	2,187	2,181	2,182	2,181	2,178	2,177	2,179	2,172	2,170	2,175	2,173
Communications	1,252	1,252	1,250	1,246	1,249	1,249	1,248	1,250	1,254	1,253	1,254	1,260	1,258
Electric, gas, and sanitary services	941	940	937	935	933	932	930	927	925	919	916	915	915

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								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Wholesale trade	5,962	5,965	5,971	5,976	5,990	6,003	6,013	6,028	6,037	6,049	6,053	6,071	6,081
Durable goods	3,411	3,410	3,413	3,419	3,424	3,430	3,434	3,445	3,449	3,457	3,461	3,468	3,473
Nondurable goods	2,551	2,555	2,558	2,557	2,566	2,573	2,579	2,583	2,588	2,592	2,592	2,603	2,608
Retail trade	19,805	19,822	19,848	19,931	19,924	19,965	20,026	20,137	20,153	20,279	20,386	20,410	20,450
Building materials and garden supplies	790	794	798	803	808	812	818	829	833	838	842	846	850
General merchandise stores	2,455	2,454	2,451	2,446	2,421	2,433	2,432	2,442	2,438	2,443	2,457	2,478	2,482
Food stores	3,216	3,220	3,210	3,214	3,215	3,223	3,232	3,229	3,240	3,234	3,247	3,256	3,246
Automotive dealers and service stations	2,039	2,048	2,060	2,074	2,084	2,101	2,117	2,132	2,139	2,143	2,145	2,158	2,171
Apparel and accessory stores	1,153	1,148	1,144	1,154	1,146	1,148	1,154	1,146	1,144	1,145	1,149	1,144	1,148
Furniture and home furnishings stores ..	839	844	849	852	855	862	866	876	879	885	897	906	913
Eating and drinking places	6,854	6,850	6,869	6,917	6,928	6,915	6,928	6,995	6,993	7,084	7,129	7,106	7,111
Miscellaneous retail establishments	2,459	2,464	2,467	2,471	2,467	2,471	2,479	2,488	2,487	2,507	2,520	2,516	2,529
Finance, insurance, and real estate	6,735	6,748	6,763	6,769	6,771	6,776	6,781	6,791	6,787	6,798	6,797	6,802	6,793
Finance	3,230	3,240	3,245	3,250	3,252	3,254	3,256	3,259	3,257	3,263	3,261	3,260	3,252
Depository institutions	2,072	2,072	2,068	2,084	2,057	2,050	2,044	2,042	2,039	2,041	2,042	2,041	2,037
Nondepository institutions	457	463	467	472	477	483	486	487	486	484	480	476	473
Security and commodity brokers	475	479	483	486	489	492	496	499	501	505	506	508	507
Holding and other investment offices ..	226	226	227	228	229	229	230	231	231	233	233	235	235
Insurance	2,187	2,187	2,192	2,190	2,187	2,186	2,185	2,189	2,185	2,184	2,182	2,179	2,177
Insurance carriers	1,524	1,525	1,530	1,527	1,525	1,525	1,524	1,527	1,522	1,521	1,517	1,514	1,512
Insurance agents, brokers, and service	663	662	662	663	662	661	661	662	663	663	665	665	665
Real estate	1,318	1,321	1,326	1,329	1,332	1,336	1,340	1,343	1,345	1,351	1,354	1,363	1,364
Services¹	30,545	30,661	30,816	30,926	31,004	31,129	31,326	31,497	31,598	31,765	31,918	32,040	32,141
Agricultural services	522	526	533	538	539	530	528	537	548	551	554	560	562
Hotels and other lodging places	1,596	1,802	1,599	1,599	1,602	1,599	1,808	1,608	1,609	1,626	1,627	1,619	1,608
Personal services	1,131	1,134	1,137	1,140	1,149	1,143	1,138	1,137	1,129	1,133	1,134	1,138	1,135
Business services	5,877	5,950	6,016	6,062	6,092	6,161	6,244	6,318	6,341	6,416	6,488	6,540	6,594
Personnel supply services	1,984	2,033	2,068	2,103	2,130	2,173	2,230	2,282	2,286	2,334	2,375	2,387	2,415
Auto repair, services, and parking	962	965	975	986	992	1,002	1,017	1,026	1,029	1,041	1,045	1,058	1,065
Miscellaneous repair services	364	366	368	370	373	375	375	377	379	380	381	383	382
Motion pictures	421	423	425	432	435	443	450	465	472	474	482	494	504
Amusement and recreation services	1,255	1,249	1,250	1,254	1,251	1,252	1,271	1,275	1,282	1,287	1,278	1,266	1,260
Health services	8,830	8,852	8,873	8,890	8,909	8,922	8,959	8,985	8,998	9,025	9,043	9,075	9,089
Hospitals	3,791	3,790	3,789	3,787	3,788	3,787	3,791	3,794	3,794	3,787	3,787	3,790	3,792
Legal services	934	934	935	934	937	939	940	941	942	938	941	942	946
Educational services	1,697	1,696	1,707	1,708	1,710	1,720	1,730	1,733	1,744	1,741	1,747	1,742	1,732
Social services	2,117	2,121	2,139	2,154	2,162	2,175	2,190	2,205	2,224	2,242	2,267	2,290	2,314
Museums and botanical and zoological gardens	77	77	77	77	77	78	78	79	79	79	80	80	80
Membership organizations	2,035	2,036	2,040	2,040	2,042	2,041	2,044	2,047	2,051	2,055	2,056	2,056	2,066
Engineering and management services	2,553	2,556	2,567	2,567	2,560	2,575	2,580	2,590	2,597	2,603	2,620	2,622	2,629
Government	18,667	18,873	18,887	18,918	18,901	18,916	18,941	18,981	19,014	19,018	19,023	19,056	19,121
Federal	2,902	2,901	2,900	2,915	2,893	2,892	2,884	2,882	2,870	2,859	2,859	2,858	2,860
State	4,518	4,504	4,505	4,511	4,492	4,511	4,520	4,534	4,533	4,539	4,568	4,579	4,599
Education	1,856	1,840	1,841	1,841	1,824	1,838	1,846	1,850	1,849	1,850	1,876	1,884	1,904
Other State government	2,662	2,664	2,664	2,670	2,668	2,673	2,674	2,684	2,684	2,689	2,692	2,695	2,695
Local	11,467	11,468	11,462	11,492	11,516	11,513	11,537	11,565	11,611	11,620	11,596	11,619	11,662
Education	6,383	6,378	6,382	6,390	6,404	6,392	6,410	6,436	6,445	6,461	6,478	6,509	6,511
Other local government	5,084	5,090	5,100	5,102	5,112	5,121	5,127	5,129	5,166	5,159	5,118	5,110	5,151

¹ Includes other industries, not shown separately.

^P = 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						
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July
Total	53,522	53,572	53,665	53,747	53,843	53,969	53,981	54,097	54,246	54,477	54,653	54,808	54,887
Total private	43,318	43,363	43,442	43,525	43,616	43,713	43,730	43,828	43,959	44,160	44,280	44,464	44,573
Goods-producing	6,510	6,496	6,485	6,485	6,482	6,480	6,475	6,482	6,490	6,506	6,515	6,530	6,527
Mining	88	88	88	88	88	89	87	86	87	86	86	86	85
Construction	519	520	521	523	524	525	526	528	532	539	539	543	544
Manufacturing	5,903	5,888	5,876	5,874	5,870	5,866	5,862	5,868	5,871	5,861	5,890	5,901	5,898
Durable goods	2,688	2,682	2,680	2,681	2,681	2,683	2,685	2,688	2,691	2,700	2,705	2,713	2,708
Lumber and wood products	113	114	114	115	116	117	117	118	117	119	119	120	121
Furniture and fixtures	147	147	147	147	148	149	149	150	150	150	151	152	154
Stone, clay, and glass products	103	103	103	103	102	102	103	103	103	104	103	102	103
Primary metal industries	91	91	91	92	92	92	93	93	94	93	95	95	95
Fabricated metal products	292	292	292	293	294	294	296	296	297	298	299	301	301
Industrial machinery and equipment	415	413	414	413	413	413	413	414	416	418	420	424	421
Electronic and other electrical equipment	640	639	640	641	642	643	642	644	645	649	649	652	650
Transportation equipment	352	351	349	348	347	348	348	349	349	348	348	349	343
Instruments and related products	364	362	360	359	358	356	355	354	353	352	352	350	349
Miscellaneous manufacturing	171	170	170	170	169	169	169	167	167	169	169	168	171
Nondurable goods	3,215	3,206	3,196	3,193	3,189	3,183	3,177	3,180	3,180	3,181	3,185	3,188	3,190
Food and kindred products	540	542	536	542	542	540	538	541	543	541	541	542	544
Tobacco products	14	13	14	14	14	14	13	13	13	13	13	12	12
Textile mill products	322	320	320	320	318	318	319	319	319	318	317	317	317
Apparel and other textile products	763	757	754	747	743	737	733	732	732	732	733	732	729
Paper and allied products	168	168	167	166	167	167	167	166	165	165	164	165	165
Printing and publishing	671	673	672	672	672	673	673	674	676	677	678	682	683
Chemicals and allied products	339	337	337	337	336	337	335	334	332	332	334	333	333
Petroleum and coal products	24	24	24	24	24	24	24	24	24	24	25	24	25
Rubber and misc. plastics products	309	307	307	306	308	308	310	312	312	315	316	317	318
Leather and leather products	65	65	65	65	65	65	65	65	64	64	64	64	64
Service-producing	47,012	47,076	47,180	47,262	47,361	47,489	47,506	47,615	47,756	47,971	48,138	48,278	48,360
Transportation and public utilities	1,698	1,697	1,696	1,701	1,705	1,701	1,697	1,698	1,700	1,699	1,709	1,708	1,713
Wholesale trade	1,817	1,812	1,818	1,822	1,824	1,825	1,831	1,834	1,839	1,846	1,850	1,852	1,853
Retail trade	10,443	10,453	10,473	10,476	10,484	10,512	10,513	10,533	10,554	10,601	10,635	10,691	10,755
Finance, insurance, and real estate	4,255	4,259	4,264	4,268	4,278	4,285	4,281	4,284	4,288	4,293	4,291	4,299	4,295
Services	18,595	18,646	18,706	18,773	18,843	18,910	18,933	18,997	19,088	19,215	19,280	19,384	19,430
Government	10,204	10,209	10,223	10,222	10,227	10,256	10,251	10,269	10,287	10,317	10,373	10,344	10,314
Federal	1,205	1,207	1,206	1,205	1,204	1,210	1,203	1,205	1,203	1,203	1,198	1,192	1,190
State	2,246	2,248	2,257	2,255	2,255	2,259	2,246	2,259	2,267	2,273	2,277	2,258	2,282
Local	6,753	6,754	6,760	6,762	6,768	6,787	6,802	6,805	6,817	6,841	6,898	6,894	6,842

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 workers¹ on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

(In thousands)

Industry	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P	Sept. ^P
Total private	74,941	75,119	75,323	75,496	75,588	75,783	76,129	76,487	76,690	77,028	77,233	77,431	77,572
Goods-producing	16,275	16,311	16,356	16,385	16,408	16,430	16,507	16,615	16,615	16,674	16,689	16,720	16,729
Mining	430	429	426	438	433	432	430	428	427	431	430	433	431
Construction	3,590	3,621	3,645	3,655	3,655	3,657	3,719	3,796	3,796	3,814	3,828	3,817	3,829
Manufacturing	12,255	12,261	12,285	12,292	12,320	12,341	12,358	12,391	12,392	12,429	12,431	12,470	12,489
Durable goods	6,792	6,806	6,822	6,843	6,889	6,881	6,892	6,924	6,930	6,966	6,969	7,001	7,005
Lumber and wood products	580	584	588	591	597	597	597	600	601	603	604	605	605
Furniture and fixtures	384	384	386	388	389	389	391	390	392	393	395	393	392
Stone, clay, and glass products	398	399	399	400	402	402	404	409	408	409	410	410	409
Primary metal industries	515	516	518	518	519	521	521	520	521	526	528	528	532
Blast furnaces and basic steel products	181	181	181	181	181	180	179	175	175	177	178	177	177
Fabricated metal products	982	984	989	993	998	1,000	1,004	1,009	1,012	1,020	1,021	1,027	1,028
Industrial machinery and equipment	1,162	1,165	1,169	1,174	1,179	1,185	1,187	1,197	1,200	1,207	1,209	1,217	1,219
Electronic and other electrical equipment	969	972	974	979	976	980	982	991	990	998	997	1,007	1,010
Transportation equipment	1,103	1,104	1,104	1,106	1,117	1,116	1,115	1,117	1,118	1,124	1,117	1,127	1,125
Motor vehicles and equipment	637	842	645	653	870	689	667	672	689	677	675	686	686
Instruments and related products	431	430	428	426	425	425	424	423	421	418	417	416	415
Miscellaneous manufacturing	268	268	267	268	267	266	267	268	267	268	271	271	270
Nondurable goods	5,463	5,455	5,463	5,449	5,451	5,460	5,466	5,467	5,462	5,463	5,462	5,469	5,464
Food and kindred products	1,223	1,227	1,227	1,224	1,221	1,226	1,229	1,224	1,222	1,219	1,221	1,222	1,219
Tobacco products	31	31	32	31	31	30	31	31	31	30	29	31	30
Textile mill products	572	571	571	570	572	573	574	572	571	571	569	570	567
Apparel and other textile products	818	813	810	803	800	799	801	801	801	800	797	801	802
Paper and allied products	518	517	517	517	518	518	517	518	518	518	518	518	516
Printing and publishing	837	835	835	833	835	836	837	838	835	839	841	843	840
Chemicals and allied products	573	574	577	577	575	575	573	574	573	574	573	569	574
Petroleum and coal products	98	97	98	96	96	95	95	96	96	96	96	96	95
Rubber and misc. plastics products	700	697	703	705	710	715	717	720	724	725	728	728	732
Leather and leather products	93	93	93	93	93	93	92	93	91	91	90	91	89
Service-producing	58,666	58,808	58,967	59,111	59,180	59,353	59,622	59,872	60,075	60,354	60,544	60,711	60,843
Transportation and public utilities	4,837	4,857	4,856	4,841	4,845	4,855	4,870	4,816	4,897	4,899	4,899	4,899	4,906
Wholesale trade	4,809	4,813	4,817	4,824	4,832	4,842	4,853	4,864	4,867	4,883	4,882	4,904	4,907
Retail trade	17,442	17,450	17,460	17,512	17,527	17,565	17,632	17,714	17,737	17,836	17,933	17,950	17,977
Finance, insurance, and real estate	4,899	4,910	4,927	4,932	4,932	4,936	4,943	4,949	4,945	4,955	4,952	4,957	4,956
Services	26,679	26,778	26,907	27,002	27,044	27,155	27,324	27,529	27,629	27,781	27,878	28,001	28,097

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

^P = preliminary.
NOTE: Establishment survey estimates are currently projected from March 1993 benchmark levels. When more recent benchmark data are introduced, all seasonally adjusted data from January 1990 forward are subject to revision.

**ESTABLISHMENT DATA
DIFFUSION INDEXES
SEASONALLY ADJUSTED**

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

(Percent)

Time span	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Private nonfarm payrolls, 356 industries¹												
Over 1-month span:												
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	39.6	39.6	36.5	38.2	48.5	45.4	46.3	52.0	48.9	48.8	46.5	48.1
1992	42.1	48.1	48.3	57.7	53.1	50.4	52.8	48.5	53.4	56.9	52.5	57.3
1993	57.9	61.7	49.0	56.0	57.0	51.1	58.6	50.0	56.7	57.4	81.0	57.4
1994	56.6	58.3	62.9	62.5	56.3	63.2	59.3	^P 60.3	^P 56.5			
Over 3-month span:												
1990	59.0	59.1	52.5	46.9	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	56.2	57.6	54.1	50.4	49.9	51.7	56.2	58.6	59.8
1993	64.0	61.4	59.7	55.8	54.9	57.7	54.8	55.9	55.8	62.4	61.5	60.8
1994	62.1	64.5	65.2	65.0	85.4	64.8	^P 65.9	^P 62.5				
Over 6-month span:												
1990	57.2	54.9	55.8	50.4	48.8	44.0	41.3	38.9	35.8	33.8	32.0	30.2
1991	30.2	32.4	31.2	33.7	39.2	44.7	46.5	45.6	47.8	44.5	41.4	39.9
1992	43.5	46.3	47.2	52.0	54.2	56.8	52.8	53.1	55.8	56.3	64.2	82.2
1993	81.4	60.8	59.0	59.8	54.4	54.5	57.9	56.8	59.7	60.8	62.8	63.6
1994	67.0	65.9	68.8	66.0	^P 67.6	^P 66.3						
Over 12-month span:												
1990	55.5	52.7	51.7	46.5	45.4	42.8	39.3	38.1	35.8	33.0	33.0	30.6
1991	31.0	31.0	31.7	31.9	31.7	33.8	35.8	37.5	40.0	45.2	45.8	45.4
1992	47.2	42.3	42.7	44.1	48.0	52.5	55.8	60.7	59.7	60.4	60.1	60.7
1993	60.0	81.1	60.7	62.2	63.2	82.1	62.4	60.8	63.5	82.8	63.1	63.5
1994	64.2	^P 65.6	^P 65.0									
Manufacturing payrolls, 139 industries¹												
Over 1-month span:												
1990	48.9	47.5	43.9	46.8	40.3	46.6	36.8	42.4	35.6	38.5	29.1	34.2
1991	32.7	35.6	31.3	37.4	45.7	43.5	46.4	49.3	42.8	47.8	41.4	39.6
1992	38.1	40.6	45.0	57.9	47.8	50.0	53.2	41.7	49.3	47.8	52.5	51.8
1993	52.5	57.6	47.8	41.7	46.0	40.3	49.3	42.8	46.8	50.0	55.4	51.1
1994	54.3	53.6	51.1	56.1	50.0	56.6	52.9	^P 57.2	^P 51.4			
Over 3-month span:												
1990	44.6	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	48.0	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	56.3	51.4	40.6	37.1	43.5	40.3	41.0	43.2	52.9	54.7	56.1
1994	56.1	57.8	56.5	53.2	57.2	55.8	^P 59.7	^P 55.0				
Over 6-month span:												
1990	43.5	39.9	42.8	41.0	36.3	34.2	29.1	25.2	22.3	21.2	18.0	18.9
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	48.4	49.3	50.4	48.9	57.9	56.8
1993	54.0	51.8	48.6	47.1	37.1	34.2	39.6	45.7	47.8	50.4	54.3	55.8
1994	58.3	56.1	59.4	54.3	^P 57.6	^P 56.3						
Over 12-month span:												
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	38.8	37.4
1992	42.4	36.7	36.3	36.0	39.6	45.7	50.0	55.8	57.9	55.4	52.9	52.9
1993	50.0	52.5	48.6	49.3	50.7	48.9	50.0	48.9	50.0	50.7	51.4	51.4
1994	50.7	^P 54.7	^P 52.5									

¹ Based on seasonally adjusted data for 1-, 3-, and 6-month spans and unadjusted data for the 12-month span. Data are centered within the span.

^P = preliminary.

NOTE: Figures are the percent of industries with employment increasing plus one half of the industries with unchanged employment, where 50 percent

indicates an equal balance between industries with increasing and decreasing employment. 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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
	Total¹												
Alabama	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	1,742.0	1,727.9	1,731.5
Alaska	253.7	254.1	254.3	254.1	255.4	255.0	258.2	258.3	256.7	258.0	257.3	257.1	258.1
Arizona	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	1,638.4	1,645.5	1,648.0
Arkansas	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	1,018.1	1,023.7	1,029.3
California	11,990.4	11,969.8	11,953.1	11,943.7	11,940.3	11,947.6	11,957.5	11,955.2	11,955.2	11,953.2	11,946.4	11,960.1	11,962.4
Colorado	1,678.2	1,678.0	1,680.9	1,683.6	1,690.5	1,692.5	1,700.2	1,701.6	1,708.3	1,707.1	1,712.8	1,722.5	1,726.0
Connecticut	1,525.4	1,528.7	1,528.5	1,525.1	1,522.6	1,532.2	1,530.4	1,525.8	1,530.2	1,533.6	1,530.7	1,534.3	1,532.1
Delaware	348.8	350.6	349.6	350.3	350.8	350.0	349.6	350.6	354.5	358.9	358.9	356.5	359.6
District of Columbia	667.4	667.4	670.0	668.1	667.0	665.8	665.0	664.2	663.5	663.4	661.3	663.3	659.6
Florida	5,597.7	5,612.1	5,628.6	5,644.9	5,668.3	5,687.8	5,685.3	5,701.5	5,730.5	5,738.9	5,760.3	5,776.6	5,789.0
Georgia	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	3,248.5	3,244.2	3,259.2
Hawaii	539.1	538.3	539.6	537.3	536.5	534.0	533.4	533.0	533.3	530.0	532.1	530.9	530.7
Ideaho	439.5	440.9	445.1	447.5	448.4	451.2	453.1	456.6	458.9	460.3	461.4	463.4	465.0
Illinois	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	5,408.4	5,411.6	5,415.3
Indiana	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	2,633.0	2,637.5	2,630.0
Iowa	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	1,315.3	1,311.2	1,310.4
Kansas	1,135.5	1,145.0	1,146.6	1,146.2	1,149.7	1,150.5	1,150.6	1,153.1	1,147.1	1,156.0	1,165.9	1,158.2	1,159.5
Kentucky	1,535.9	1,538.5	1,540.0	1,542.3	1,539.8	1,529.2	1,539.2	1,547.2	1,550.5	1,552.8	1,559.9	1,565.5	1,567.7
Louisiana	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	1,684.0	1,685.3	1,695.8
Maine	520.3	519.8	521.9	522.2	521.8	517.7	520.9	520.8	524.0	527.7	527.2	530.2	531.1
Maryland	2,102.5	2,108.5	2,109.1	2,108.6	2,111.0	2,111.4	2,102.8	2,106.3	2,115.6	2,116.6	2,115.9	2,113.6	2,116.9
Massachusetts	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	2,927.0	2,934.7	2,941.6
Michigan	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	4,101.7	4,099.0	4,111.1
Minnesota	2,239.9	2,243.5	2,256.0	2,266.3	2,272.7	2,283.3	2,293.0	2,298.7	2,298.8	2,296.3	2,301.5	2,301.5	2,305.3
Mississippi	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	1,035.9	1,040.7	1,044.4
Missouri	2,408.2	2,416.3	2,419.3	2,422.4	2,430.9	2,421.8	2,430.9	2,436.8	2,456.3	2,463.8	2,471.8	2,474.7	2,475.7
Montana	330.1	329.6	330.2	329.7	331.0	331.2	332.0	332.3	331.4	333.5	334.2	335.2	337.1
Nebraska	768.3	768.1	768.4	767.7	768.9	770.2	766.9	767.0	769.2	772.4	774.0	782.7	785.4
Nevada	674.9	679.1	683.7	688.6	696.5	697.9	702.9	706.1	709.5	711.1	709.8	711.3	715.3
New Hampshire	503.1	501.4	504.4	504.0	504.8	508.8	512.5	514.3	514.0	512.2	513.3	518.0	512.0
New Jersey	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	3,552.3	3,558.8	3,566.5
New Mexico	626.9	628.6	630.3	630.8	631.4	638.8	639.8	641.8	649.7	651.6	656.1	657.9	659.1
New York	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	7,812.7	7,839.5	7,833.5
North Carolina	3,270.8	3,270.7	3,279.0	3,287.0	3,294.4	3,293.5	3,295.9	3,317.3	3,319.3	3,328.6	3,335.7	3,334.6	3,337.6
North Dakota	286.0	267.2	286.9	287.1	287.8	287.4	288.8	291.1	291.2	291.2	290.9	292.3	294.5
Ohio	4,907.9	4,912.1	4,920.6	4,917.5	4,923.9	4,929.7	4,940.7	4,942.1	4,940.5	4,950.5	4,953.5	4,951.9	4,957.9
Oklahoma	1,246.8	1,241.6	1,240.6	1,241.6	1,241.3	1,249.0	1,247.8	1,247.9	1,256.1	1,259.4	1,264.6	1,268.0	1,268.0
Oregon	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	1,347.7	1,352.7	1,358.2
Pennsylvania	5,108.3	5,115.0	5,119.9	5,126.6	5,138.4	5,109.8	5,114.8	5,134.5	5,149.2	5,171.3	5,183.8	5,172.2	5,176.2
Rhode Island	431.8	431.8	431.6	431.6	432.0	430.7	430.8	430.5	432.3	434.4	438.4	436.3	439.0
South Carolina	1,579.2	1,578.8	1,579.3	1,581.6	1,583.8	1,589.8	1,593.1	1,591.7	1,591.8	1,593.7	1,595.6	1,596.3	1,594.8
South Dakota	316.4	316.8	318.0	318.5	318.6	323.2	324.4	325.5	326.4	327.4	330.1	331.6	332.0
Tennessee	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	2,393.0	2,394.6	2,395.7
Texas	7,532.8	7,550.3	7,561.9	7,578.1	7,594.4	7,569.3	7,601.9	7,622.9	7,660.2	7,675.6	7,705.5	7,744.6	7,775.4
Utah	809.6	813.3	818.6	825.0	831.7	839.9	842.9	847.1	848.7	850.5	854.5	859.1	861.5
Vermont	256.0	256.8	257.9	257.8	256.8	256.4	258.9	258.9	260.4	258.8	259.1	258.4	257.8
Virginia	2,932.0	2,938.4	2,945.1	2,952.9	2,960.2	2,958.4	2,968.1	2,968.2	2,995.7	3,001.8	3,004.3	3,013.6	3,017.6
Washington	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	2,261.1	2,293.2	2,293.7	2,293.7
West Virginia	651.9	655.7	657.8	659.5	666.9	663.2	665.1	665.6	667.7	677.4	671.0	671.3	673.3
Wisconsin	2,413.6	2,418.6	2,423.4	2,429.4	2,431.4	2,429.3	2,431.0	2,441.8	2,443.6	2,445.8	2,459.1	2,470.1	2,471.3
Wyoming	208.4	210.9	211.1	211.2	212.3	213.3	213.3	212.0	212.0	211.9	212.4	211.8	213.1

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
	Construction												
Alabama	79.0	78.7	79.3	78.4	78.6	78.9	78.2	78.4	79.4	79.9	80.5	80.4	79.9
Alaska	11.7	11.7	11.8	11.7	11.9	12.4	13.1	13.0	12.9	13.0	12.5	12.5	12.5
Arizona	90.3	91.2	92.7	94.0	95.4	98.1	101.0	101.9	103.2	102.8	103.5	103.0	103.7
Arkansas	37.3	37.0	37.3	37.2	37.1	37.8	38.5	39.4	38.8	39.6	40.2	40.2	40.6
California	447.8	446.0	447.0	446.9	447.1	446.4	450.3	451.6	452.4	451.9	452.2	453.6	451.7
Colorado	85.2	85.2	85.4	85.3	86.7	87.0	85.0	84.3	83.6	83.4	84.6	85.2	85.6
Connecticut	45.9	45.9	45.7	46.3	47.3	47.9	49.1	47.9	46.9	46.2	45.9	46.8	45.8
Delaware	18.3	18.2	18.2	18.3	18.3	17.9	17.4	17.3	17.7	18.3	19.1	19.1	18.9
District of Columbia	6.8	8.5	8.4	8.5	8.6	8.2	8.1	8.4	8.3	8.5	8.8	8.8	8.5
Florida	288.2	289.2	291.1	292.1	294.2	295.1	295.2	296.5	300.1	300.5	300.1	304.0	305.1
Georgia	130.6	132.1	131.5	131.7	133.0	135.7	132.8	136.2	138.1	138.0	138.5	134.7	139.6
Hawaii ²	32.0	31.8	32.0	31.7	31.0	30.7	30.3	29.7	30.0	29.3	28.9	29.0	29.6
Idaho	25.3	25.7	25.5	25.8	25.7	27.3	27.2	28.0	27.7	28.5	29.0	29.4	29.7
Illinois	198.1	198.6	200.8	200.0	201.7	196.2	197.1	201.1	199.1	202.3	202.8	202.0	203.1
Indiana	118.7	118.5	119.7	120.4	119.7	116.8	118.2	122.3	121.6	123.6	121.9	123.5	123.5
Iowa	48.8	49.2	49.6	51.1	50.5	49.4	49.3	50.4	50.7	51.2	50.3	49.8	49.4
Kansas	49.0	48.9	49.3	49.2	48.9	48.5	47.0	47.9	48.5	49.4	50.7	52.4	52.1
Kentucky	70.7	71.0	70.9	70.9	70.5	66.3	67.2	69.1	70.2	70.9	69.3	70.2	70.4
Louisiana	96.2	97.4	98.6	98.5	98.1	96.9	98.7	101.4	102.6	103.9	105.6	104.9	105.2
Maine	20.5	20.4	21.1	21.4	21.7	21.5	21.6	21.5	21.5	22.1	21.5	21.6	21.9
Maryland	120.0	119.7	120.4	121.0	121.6	118.9	117.8	117.3	118.0	118.0	119.2	119.7	120.0
Massachusetts	83.2	83.9	84.8	84.6	85.2	86.0	85.2	84.3	88.5	89.0	88.3	86.9	87.5
Michigan	134.3	134.6	134.2	134.6	133.9	132.7	134.2	138.2	137.0	136.8	138.8	142.3	140.0
Minnesota	78.5	78.7	80.5	81.3	81.8	82.2	82.4	82.6	82.1	81.9	81.3	80.5	80.5
Mississippi	39.9	41.0	42.1	41.6	41.7	41.1	39.8	40.7	41.5	42.5	41.9	41.4	42.0
Missouri	95.8	96.8	97.9	98.4	99.7	99.4	100.9	101.0	102.9	104.8	105.5	107.4	107.1
Montana	14.1	14.2	14.3	14.2	14.2	14.6	14.4	14.1	14.0	14.3	14.5	14.8	14.9
Nebraska	32.4	32.1	32.5	32.5	32.6	32.5	31.0	31.8	32.3	33.2	33.4	32.9	32.7
Nevada	47.7	47.8	47.6	47.2	47.1	48.1	48.0	48.8	48.7	48.4	48.4	49.4	49.4
New Hampshire	16.8	17.0	17.0	17.2	17.6	18.1	18.3	18.3	18.0	17.6	17.1	17.1	16.6
New Jersey	113.7	114.0	116.0	116.4	118.2	116.4	114.5	116.3	120.6	121.8	122.3	123.7	123.4
New Mexico	36.4	36.8	37.3	37.6	38.2	38.4	37.8	38.3	39.0	39.6	40.7	41.7	42.3
New York	238.7	239.4	240.6	240.0	240.3	244.0	242.4	244.1	245.8	244.9	248.0	251.0	251.4
North Carolina	155.9	156.0	156.2	156.5	157.4	159.0	158.1	160.6	161.5	163.0	164.1	163.9	164.0
North Dakota	11.6	11.7	12.0	12.0	12.2	12.4	12.5	13.3	13.5	12.9	13.0	13.0	12.9
Ohio	184.4	184.8	184.7	185.1	185.5	183.1	184.1	182.9	182.8	183.5	183.5	182.4	182.5
Oklahoma	42.2	42.1	42.2	42.4	42.3	43.6	42.5	41.9	43.1	43.8	45.4	46.2	46.8
Oregon	55.6	56.1	55.8	57.1	56.1	57.9	56.6	57.9	57.6	59.2	60.6	60.8	62.1
Pennsylvania	197.0	197.7	198.6	198.8	200.3	194.7	194.8	194.7	200.9	202.1	203.3	202.8	203.4
Rhode Island	12.2	12.2	12.0	11.8	11.2	10.7	10.4	10.3	10.6	11.6	12.5	13.1	12.2
South Carolina	82.5	82.3	81.9	82.0	81.8	81.9	81.4	81.9	83.0	82.5	81.6	82.1	81.4
South Dakota	13.0	12.9	13.2	13.1	13.2	13.1	13.3	13.8	13.9	14.0	13.7	13.8	14.1
Tennessee	94.9	95.9	97.3	97.6	98.2	97.1	96.1	95.9	95.7	96.8	96.9	96.6	97.0
Texas	352.5	352.4	354.7	355.3	356.5	358.5	361.1	364.8	366.0	365.9	370.5	373.0	376.5
Utah	39.3	39.9	40.6	41.9	43.1	43.6	44.5	45.3	46.1	46.8	48.0	49.4	49.8
Vermont	11.8	11.8	11.4	11.3	11.1	10.9	11.0	10.8	10.8	11.0	11.2	11.1	11.1
Virginia	154.0	154.7	155.4	155.8	156.5	156.6	156.0	158.2	159.1	159.5	159.4	159.9	160.5
Washington	119.0	120.1	120.9	121.3	120.9	122.0	121.8	123.0	121.9	123.9	125.9	127.0	126.6
West Virginia	32.7	32.9	33.7	34.3	33.9	31.8	32.2	32.9	33.8	34.2	34.6	35.4	35.5
Wisconsin	94.6	95.5	95.5	95.9	95.2	92.4	91.0	93.9	96.8	98.4	100.6	101.1	101.2
Wyoming	12.3	12.3	12.4	12.5	12.6	12.6	12.5	12.7	12.8	13.1	12.4	12.6	12.4

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
	Manufacturing												
Alabama	383.8	383.4	382.6	382.2	381.8	380.7	381.6	382.9	383.1	384.0	384.4	381.9	384.4
Alaska	16.9	17.2	17.3	18.5	16.5	15.4	18.4	17.5	16.0	14.5	16.1	16.3	16.3
Arizona	174.0	174.0	174.1	174.4	174.7	176.2	176.4	176.4	177.9	178.3	181.2	182.3	183.3
Arkansas	243.3	244.1	244.9	245.5	245.6	247.3	247.0	246.9	248.3	249.0	250.7	252.3	253.9
California	1,796.2	1,786.6	1,778.7	1,773.4	1,766.1	1,766.2	1,761.1	1,761.1	1,760.8	1,754.8	1,752.3	1,755.5	1,751.4
Colorado	188.4	187.9	188.1	187.7	188.8	188.7	188.9	188.8	190.3	191.0	191.0	190.7	190.4
Connecticut	291.6	291.9	290.9	289.0	287.9	287.2	285.1	285.9	284.7	286.2	285.5	284.3	284.2
Delaware	65.0	64.7	64.8	64.4	64.2	64.4	63.6	63.7	63.7	63.4	63.3	60.7	63.6
District of Columbia	13.9	13.8	13.9	13.9	14.0	14.1	14.2	14.1	14.2	14.1	14.0	14.0	14.1
Florida	484.3	483.8	483.5	482.6	482.7	480.7	480.6	481.4	482.8	482.8	483.2	484.3	483.5
Georgia	556.1	556.6	556.3	558.0	558.8	559.7	565.6	565.7	566.4	567.3	568.7	565.5	571.7
Hawaii	19.1	19.0	18.8	18.8	18.7	17.8	18.0	18.1	17.9	17.8	17.7	17.4	17.3
Idaho	69.6	69.4	70.0	70.6	70.8	71.1	71.4	72.7	72.8	72.2	72.7	72.7	73.8
Illinois	935.0	934.8	936.5	937.1	940.2	942.1	941.3	941.5	940.0	939.0	939.0	930.5	928.3
Indiana	638.3	638.5	638.7	640.6	642.0	644.1	647.8	647.2	649.7	650.0	649.5	652.3	651.3
Iowa	236.2	236.8	237.1	238.0	238.4	240.4	241.1	242.1	242.4	243.5	244.5	245.0	243.8
Kansas	182.2	182.0	181.5	181.2	181.2	181.9	182.0	182.2	182.1	182.6	182.3	180.5	180.6
Kentucky	293.0	293.0	292.7	293.3	292.8	293.3	293.2	294.1	295.2	296.1	297.6	299.1	300.0
Louisiana	186.5	186.3	186.7	186.5	186.7	186.3	186.4	187.2	187.8	186.7	186.0	186.3	185.9
Maine	91.1	90.9	91.6	91.8	91.8	91.2	92.4	92.7	92.5	92.8	92.7	92.4	91.5
Maryland	178.4	178.2	178.1	177.9	177.7	177.8	177.5	177.0	177.3	177.2	176.4	176.5	176.7
Massachusetts	451.3	450.3	449.8	447.6	446.1	445.7	445.5	445.5	446.8	447.3	448.1	450.3	449.0
Michigan	894.2	894.3	897.1	906.5	911.4	931.2	929.8	934.2	935.6	930.5	940.7	938.5	942.5
Minnesota	403.5	404.4	405.7	407.0	408.3	410.6	410.5	410.2	410.5	411.4	413.7	414.2	416.0
Mississippi	253.8	253.5	254.6	255.4	255.5	256.3	257.1	258.0	256.7	257.8	259.0	260.5	260.4
Missouri	410.5	410.6	412.1	412.6	412.8	411.4	412.1	412.4	412.3	410.4	409.8	408.0	413.1
Montana	23.0	23.0	23.1	22.7	22.7	22.9	23.0	23.0	22.6	22.6	22.6	22.5	22.6
Nebraska	103.3	104.0	104.0	104.1	104.0	103.9	104.2	104.0	104.1	104.0	104.5	105.6	105.5
Nevada	30.2	30.5	30.4	30.4	30.5	30.6	30.8	31.0	31.6	31.8	31.8	31.9	31.8
New Hampshire	96.9	96.6	96.7	97.1	97.1	97.1	97.9	98.1	98.1	98.1	98.3	99.7	98.8
New Jersey	515.0	515.1	513.9	512.9	512.6	514.9	511.0	509.7	510.4	509.7	507.8	507.2	511.0
New Mexico	42.8	43.3	43.4	43.5	43.4	43.4	43.6	43.4	44.0	43.8	44.2	44.6	45.5
New York	978.9	975.9	973.7	972.5	971.4	965.5	965.0	961.8	960.0	958.3	954.9	955.4	951.3
North Carolina	846.3	847.1	847.5	849.1	847.9	847.7	847.6	851.9	851.1	850.4	850.0	854.0	852.3
North Dakota	19.6	19.6	19.5	19.8	19.7	19.8	20.1	20.5	20.9	20.9	21.1	21.1	21.3
Ohio	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	1,054.6	1,056.7	1,058.4
Oklahoma	168.3	168.3	169.1	169.4	169.7	170.1	168.5	169.1	169.2	169.4	170.2	170.7	168.6
Oregon	209.6	211.3	212.9	212.5	214.1	214.8	216.1	216.5	216.6	215.8	218.0	218.8	216.8
Pennsylvania	936.3	936.1	935.0	934.8	935.7	936.1	935.4	936.8	934.3	936.0	936.9	937.8	936.2
Rhode Island	87.1	86.6	86.7	86.3	86.4	86.7	86.7	86.5	86.5	86.3	86.4	83.5	86.7
South Carolina	374.4	373.9	372.2	371.5	371.8	371.7	374.4	372.3	371.7	370.8	371.2	372.0	370.4
South Dakota	40.3	40.2	40.7	41.2	41.3	41.8	41.9	42.4	42.4	42.5	43.2	43.9	44.6
Tennessee	530.5	530.8	531.5	532.9	534.4	534.8	537.6	537.5	539.0	537.9	540.6	540.8	539.7
Texas	987.5	992.6	994.0	995.3	997.0	994.5	995.8	997.6	1,000.1	1,000.5	1,000.6	1,000.2	999.2
Utah	108.5	109.2	109.9	110.8	111.6	114.2	114.2	115.0	115.2	115.4	115.0	115.2	115.2
Vermont	43.2	43.3	43.3	43.3	43.6	43.2	43.2	43.1	42.8	42.7	42.8	43.2	43.3
Virginia	405.6	405.2	405.9	406.5	405.2	406.4	403.3	401.9	399.6	401.6	400.7	404.1	402.4
Washington	338.5	338.6	338.5	337.0	335.2	335.6	333.9	333.8	332.5	331.8	332.6	332.9	334.0
West Virginia	82.7	82.7	82.5	82.8	82.6	81.5	81.3	81.3	81.4	81.4	81.1	81.0	80.7
Wisconsin	559.7	559.1	561.1	562.3	563.2	566.0	566.5	567.9	568.2	568.5	572.9	574.8	572.4
Wyoming	9.5	9.5	9.5	9.4	9.4	9.6	9.8	9.9	9.9	9.9	9.9	9.9	9.6

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

State	1993					1994							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Transportation and public utilities													
Alabama	85.0	85.2	85.3	85.5	85.2	85.0	84.9	85.1	85.2	85.0	85.1	84.8	84.5
Alaska	22.9	22.9	22.8	22.8	22.9	23.0	23.2	23.4	23.1	23.4	23.1	23.1	23.1
Arizona	77.2	77.9	77.5	76.9	78.8	78.6	78.6	78.5	78.7	79.3	79.4	78.9	78.9
Arkansas	57.2	57.2	56.9	56.8	57.1	56.3	56.4	56.6	56.1	56.8	57.0	57.6	58.1
California	600.8	600.6	600.1	597.5	597.9	600.1	599.3	598.9	591.8	594.3	593.7	594.5	593.7
Colorado	104.8	104.5	104.0	104.7	104.9	104.2	105.1	105.0	103.1	103.5	103.2	104.5	104.9
Connecticut	69.7	69.5	69.4	69.3	69.3	69.2	69.3	68.4	69.5	68.9	66.9	69.0	66.7
Delaware	14.8	14.9	15.0	15.1	14.9	14.8	15.1	14.9	15.0	15.2	15.2	14.9	15.2
District of Columbia	21.2	21.1	21.1	20.8	20.8	20.8	20.7	20.8	20.9	21.2	21.2	21.1	21.1
Florida	284.9	285.2	285.7	287.0	289.9	283.7	285.0	286.4	286.4	288.1	288.9	285.9	266.2
Georgia	202.0	203.6	203.1	203.4	202.9	203.6	205.4	206.2	203.5	207.7	208.1	207.9	208.0
Hawaii	41.0	40.9	40.6	40.1	39.8	39.9	39.8	40.1	40.3	40.1	39.8	39.9	39.8
Idaho	20.7	20.8	21.1	21.4	21.4	21.1	21.0	21.1	21.3	21.4	21.4	21.5	21.4
Illinois	309.6	312.0	311.2	312.2	313.8	312.1	313.2	312.6	306.1	311.3	312.5	312.7	311.6
Indiana	133.7	133.9	134.7	135.0	135.0	135.3	135.7	132.9	132.9	135.8	136.2	136.6	136.6
Iowa	57.0	57.2	57.0	56.9	56.9	56.8	56.9	57.2	57.3	57.4	57.7	57.6	57.2
Kansas	66.8	67.0	67.1	67.3	67.7	68.0	68.3	68.1	68.2	68.7	69.1	69.2	69.2
Kentucky	81.8	82.4	82.4	82.6	82.5	81.8	82.9	82.9	83.1	83.7	84.2	84.8	84.5
Louisiana	105.5	105.1	105.8	105.7	106.3	105.7	106.1	106.6	106.6	107.2	107.3	107.9	106.2
Maine	22.1	22.1	21.6	21.8	21.9	21.4	21.5	21.3	20.9	21.0	21.5	21.7	21.3
Maryland	98.3	98.6	98.3	97.9	98.1	98.9	97.7	97.3	97.0	97.6	97.1	96.2	96.2
Massachusetts	124.4	125.0	125.8	124.9	125.3	126.7	127.3	127.9	127.0	127.5	127.4	127.7	127.1
Michigan	155.4	155.6	156.1	156.3	156.4	158.8	158.8	159.1	154.1	160.5	160.0	158.9	159.5
Minnesota	108.8	106.6	109.0	109.9	110.1	110.0	110.2	109.9	108.5	109.3	109.4	110.0	109.1
Mississippi	45.8	45.8	46.0	45.3	45.2	44.6	44.7	44.9	43.7	45.2	46.2	45.9	46.1
Missouri	153.3	155.1	154.5	154.5	154.7	154.5	154.6	154.8	151.7	155.0	154.7	154.4	154.4
Montana	20.1	20.2	20.2	20.3	20.4	20.0	20.2	20.2	20.2	20.4	20.4	20.4	20.5
Nebraska	46.9	47.1	47.0	47.2	47.4	47.4	47.4	47.8	47.0	47.2	47.2	47.5	48.1
Nevada	35.3	35.6	35.8	35.9	35.9	36.0	36.0	36.3	36.4	36.5	36.7	36.6	38.9
New Hampshire	18.0	18.0	17.9	17.9	18.0	18.1	18.2	18.2	17.9	18.2	18.3	18.4	17.9
New Jersey	236.0	235.2	234.4	235.1	235.1	237.7	238.0	236.7	236.9	238.7	238.5	238.2	239.9
New Mexico	29.0	28.9	28.9	28.9	28.9	29.4	29.7	29.9	30.0	30.1	29.5	29.8	29.7
New York	399.9	399.1	400.4	401.4	402.4	404.2	406.0	406.4	402.7	405.8	405.2	399.8	398.6
North Carolina	156.9	156.5	156.6	156.8	156.7	155.8	156.3	157.1	155.7	155.7	156.3	157.4	156.4
North Dakota	18.0	18.1	18.1	18.2	18.2	18.3	18.4	18.4	18.3	18.3	18.1	18.4	18.4
Ohio	214.1	213.1	213.2	212.9	212.7	212.5	212.5	212.0	203.8	212.5	212.5	212.0	211.1
Oklahoma	71.8	71.6	71.2	70.9	70.9	71.3	71.6	71.8	71.8	72.0	72.0	71.7	72.1
Oregon	65.8	65.9	66.0	66.2	66.4	66.0	66.1	66.4	65.0	66.2	66.6	66.9	66.4
Pennsylvania	263.7	266.3	267.1	267.2	268.9	269.2	268.6	269.4	262.8	271.5	272.1	269.5	268.1
Rhode Island	14.0	14.5	14.3	14.5	14.7	14.5	14.6	14.5	14.5	14.6	14.5	14.4	14.1
South Carolina	66.1	66.4	66.5	66.6	66.7	66.2	66.8	67.0	66.5	67.7	67.3	67.3	67.5
South Dakota	14.9	14.7	14.6	14.6	14.6	14.9	14.9	14.9	15.1	15.0	15.3	15.4	15.3
Tennessee	127.4	127.8	128.7	128.3	128.1	127.1	128.5	128.9	124.1	129.7	129.5	129.9	130.4
Texas	436.5	438.7	439.4	441.6	443.3	443.5	445.0	444.9	444.5	445.6	446.6	445.6	448.3
Utah	48.4	47.2	47.4	47.7	48.1	49.2	49.3	49.8	48.2	48.5	48.7	49.4	49.4
Vermont	11.1	11.0	11.0	11.0	10.9	10.9	11.0	10.9	11.0	10.9	10.9	11.2	11.1
Virginia	149.8	150.1	150.7	151.4	151.5	150.9	151.4	152.8	151.3	153.3	151.9	153.2	153.0
Washington	114.3	115.5	114.6	114.3	115.4	115.1	114.6	117.0	115.2	117.3	118.2	119.3	120.1
West Virginia	38.8	38.8	38.7	38.6	39.0	39.2	39.7	39.3	39.0	39.2	39.3	39.6	39.4
Wisconsin	112.9	113.6	113.8	113.9	114.4	114.0	114.2	114.4	111.2	110.8	113.6	113.4	113.2
Wyoming	14.5	14.6	14.6	14.6	14.6	14.6	14.7	14.6	14.5	14.4	14.4	14.2	14.1

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

State	1993					1994							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
	Wholesale and retail trade												
Alabama	376.9	377.8	379.3	380.0	381.5	380.6	382.3	383.7	384.7	384.4	385.9	385.1	385.5
Alaska	49.5	49.6	49.4	50.2	50.4	49.9	49.7	50.6	51.3	51.1	51.2	51.4	51.9
Arizona	387.4	389.0	389.8	390.1	389.9	389.3	390.2	394.4	397.8	398.4	401.4	400.8	402.5
Arkansas	221.1	221.1	221.4	222.2	221.7	221.2	222.2	223.6	223.6	224.5	224.6	226.8	228.4
California	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	2,785.2	2,760.8	2,762.8	2,763.5
Colorado	406.3	406.6	408.2	409.9	411.3	413.1	415.9	417.7	420.3	421.0	424.9	427.1	428.6
Connecticut	328.2	326.5	327.0	324.9	322.6	328.1	328.2	325.1	326.6	327.1	325.7	327.1	326.6
Delaware	76.2	76.3	76.0	76.0	76.2	76.7	76.3	76.7	77.8	79.1	79.6	79.5	79.2
District of Columbia	52.7	52.7	52.6	52.2	51.9	52.1	51.8	52.1	51.6	52.0	52.8	52.3	52.5
Florida	1,457.6	1,462.4	1,464.8	1,468.3	1,472.8	1,483.8	1,477.3	1,479.2	1,484.9	1,487.0	1,491.6	1,492.9	1,499.8
Georgia	780.8	782.7	784.6	786.5	787.2	787.2	794.2	795.7	796.9	797.3	800.6	797.4	798.2
Hawaii	132.7	132.6	132.6	132.3	132.2	131.7	130.7	130.4	130.3	129.4	129.1	129.3	129.6
Idaho	109.8	110.4	112.2	112.9	112.8	113.2	113.7	114.6	115.9	116.0	116.3	116.8	117.0
Illinois	1,245.7	1,248.3	1,250.8	1,253.2	1,254.5	1,251.9	1,264.6	1,263.8	1,271.1	1,273.7	1,276.7	1,275.7	1,277.7
Indiana	605.9	605.6	613.7	618.3	618.8	614.3	615.7	616.3	615.9	614.7	615.9	615.9	615.8
Iowa	321.2	321.4	322.3	322.4	322.8	321.7	322.3	321.5	323.9	324.8	326.0	325.9	326.7
Kansas	275.0	276.0	276.1	276.7	277.0	276.2	277.2	278.3	277.1	276.2	278.9	277.6	277.4
Kentucky	361.7	361.5	361.4	361.2	360.6	359.5	363.5	364.9	365.5	367.0	368.6	370.4	370.9
Louisiana	382.3	382.0	380.4	381.3	382.4	379.7	382.6	386.8	388.2	389.5	390.8	392.0	394.4
Maine	130.5	131.3	131.3	130.9	130.1	129.7	129.6	129.4	132.1	133.3	134.3	135.6	136.5
Maryland	499.9	498.9	498.3	497.8	497.9	500.8	499.2	500.3	502.2	503.0	504.7	505.0	503.8
Massachusetts	650.1	648.9	649.7	650.5	648.1	656.2	655.3	659.9	663.9	668.7	670.6	673.1	675.4
Michigan	936.4	936.2	936.6	939.9	941.6	937.7	945.8	952.0	957.5	960.0	965.4	963.2	964.0
Minnesota	535.0	535.4	538.3	540.9	540.8	544.7	548.0	549.0	551.5	548.3	548.9	548.9	549.4
Mississippi	210.1	210.7	211.1	211.4	211.5	211.9	212.8	215.0	216.6	217.1	217.7	216.4	216.0
Missouri	572.9	574.1	574.2	574.3	575.1	572.5	574.9	575.3	581.5	582.4	581.4	580.8	580.9
Montana	88.4	88.3	88.4	88.4	88.6	89.0	89.2	89.0	88.8	89.0	89.8	90.0	91.1
Nebraska	195.6	193.7	193.8	194.1	194.0	194.3	194.2	193.5	193.6	193.4	194.3	197.0	198.1
Nevada	134.1	135.0	135.4	136.0	136.9	137.0	137.9	138.4	139.3	140.1	140.7	140.4	140.6
New Hampshire	128.7	129.1	129.2	129.0	129.3	129.9	130.2	130.9	131.9	130.8	131.9	131.8	129.9
New Jersey	814.8	815.9	818.5	818.0	819.4	823.4	819.0	822.3	827.5	828.8	831.3	834.8	836.1
New Mexico	148.1	147.8	148.3	148.3	148.3	150.4	150.7	151.2	153.4	153.7	154.0	155.5	155.3
New York	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	1,574.2	1,579.4	1,582.6
North Carolina	737.1	736.8	737.6	737.8	740.6	736.3	738.8	743.1	743.6	745.2	745.0	745.4	745.2
North Dakota	75.0	75.1	75.3	75.2	75.3	74.9	75.2	75.6	75.4	75.1	75.2	75.8	76.0
Ohio	1,174.4	1,174.8	1,174.6	1,174.8	1,175.3	1,178.0	1,180.6	1,181.7	1,182.3	1,185.4	1,183.5	1,185.3	1,185.7
Oklahoma	289.6	289.6	289.9	289.9	289.5	290.8	292.5	291.4	293.2	292.7	294.6	296.6	297.6
Oregon	327.9	329.2	330.0	330.4	330.8	330.4	330.7	331.9	334.6	335.0	335.5	335.2	337.9
Pennsylvania	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	1,166.3	1,164.4	1,168.7
Rhode Island	94.6	95.8	95.1	94.9	95.1	94.3	94.6	94.4	94.6	95.2	96.1	95.9	96.9
South Carolina	352.8	352.7	353.9	355.3	356.4	357.1	358.8	356.1	357.9	358.3	358.2	357.3	357.8
South Dakota	81.4	81.6	81.3	81.3	81.2	82.4	82.8	82.6	83.0	83.3	83.6	84.2	83.8
Tennessee	535.5	537.5	541.0	541.7	543.7	542.3	545.5	546.1	550.5	552.0	552.7	556.3	557.2
Texas	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	1,867.6	1,874.9	1,884.5
Utah	192.9	193.6	194.8	196.2	197.1	198.2	198.5	199.9	199.5	199.9	200.7	202.4	202.6
Vermont	60.5	60.6	60.5	60.1	60.6	60.9	61.1	61.4	61.5	61.3	61.8	61.2	61.1
Virginia	651.3	651.4	652.6	653.0	655.0	658.9	663.1	668.7	672.7	675.4	675.6	677.6	677.4
Washington	545.5	547.6	549.4	549.4	550.7	549.1	552.4	551.9	551.0	551.5	554.5	552.7	553.0
West Virginia	149.7	149.8	150.5	151.3	152.3	152.1	152.3	152.4	153.6	154.1	154.3	154.4	155.0
Wisconsin	553.7	554.1	556.2	556.9	558.7	554.2	556.6	557.2	558.1	559.5	559.9	561.3	564.3
Wyoming	48.3	48.4	48.2	48.2	48.4	48.5	48.6	48.3	48.3	48.0	48.8	49.3	49.8

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

State	1993					1994							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
	Finance, insurance, and real estate												
Alabama	75.8	75.8	76.0	76.1	76.5	76.9	77.1	77.2	77.3	77.0	77.0	77.0	77.1
Alaska	11.3	11.3	11.4	11.3	11.4	11.4	11.4	11.3	11.5	11.4	11.4	11.5	11.6
Arizona	100.2	100.5	100.8	101.1	101.3	101.3	101.1	101.3	101.5	101.7	102.5	102.9	102.8
Arkansas	40.5	40.7	40.8	40.9	41.0	40.9	41.2	41.4	41.2	41.4	41.8	41.6	41.6
California	786.4	765.1	783.2	782.2	780.7	782.4	780.9	780.5	778.5	774.8	770.4	768.2	765.5
Colorado	106.9	107.2	107.7	108.2	106.7	108.4	108.6	108.8	109.5	109.1	109.4	109.7	109.4
Connecticut	136.7	138.9	139.1	138.7	138.3	138.4	137.8	136.8	138.1	137.3	136.8	136.0	136.1
Delaware	35.2	35.4	35.5	35.8	35.9	36.0	36.2	36.4	36.7	36.7	36.9	37.0	37.2
District of Columbia	31.2	30.7	30.6	30.3	30.0	30.0	29.6	29.3	29.5	29.9	30.1	30.2	30.1
Florida	358.1	358.4	359.9	361.0	361.7	362.8	363.5	364.5	364.2	365.2	365.7	367.0	366.3
Georgia	187.0	187.1	187.4	187.2	187.6	186.6	187.1	187.5	187.4	187.8	187.7	187.3	186.8
Hawaii	39.4	39.4	39.6	39.4	39.4	39.6	39.5	39.5	39.8	39.6	39.6	39.4	39.3
Idaho	22.7	23.0	23.1	23.3	23.3	23.4	23.4	23.8	24.1	24.0	24.2	24.3	24.4
Illinois	383.9	384.4	384.8	385.5	386.0	385.4	385.5	384.9	385.3	386.3	386.7	387.8	387.2
Indiana	128.5	128.7	129.0	129.3	129.5	129.4	129.4	129.6	129.8	129.8	129.8	130.0	130.0
Iowa	74.3	74.6	74.8	75.0	75.5	75.2	75.1	75.4	75.7	75.9	75.9	75.9	78.0
Kansas	58.6	58.5	58.4	58.6	58.6	58.4	58.5	58.6	58.0	59.0	59.4	59.1	58.7
Kentucky	63.0	62.7	63.0	63.4	63.2	63.0	62.8	62.9	62.9	62.5	62.5	62.2	62.4
Louisiana	78.0	77.9	78.1	77.9	77.9	77.8	77.8	78.1	78.8	78.7	79.1	79.2	79.5
Maine	25.9	25.8	25.9	26.1	26.0	25.9	25.9	26.0	26.1	25.9	25.8	25.8	25.8
Maryland	129.5	129.8	129.9	130.0	130.0	130.6	130.4	130.1	130.2	129.6	129.1	128.6	126.2
Massachusetts	200.4	200.3	200.6	200.5	200.6	201.4	201.4	201.6	202.3	202.2	202.3	202.8	202.7
Michigan	193.4	193.1	189.5	193.3	193.5	192.5	192.6	193.6	194.8	195.5	196.4	196.6	195.9
Minnesota	136.2	136.9	137.7	138.4	139.1	139.3	139.7	140.0	139.6	139.3	136.8	138.6	138.7
Mississippi	38.8	38.9	38.9	38.9	38.9	38.7	39.2	39.4	39.5	39.1	39.1	38.9	39.1
Missouri	141.8	141.9	142.3	142.3	143.1	141.2	141.3	141.9	143.0	143.2	143.1	144.0	144.1
Montana	14.8	15.0	15.0	14.9	15.0	15.1	15.1	15.2	15.1	15.2	15.1	15.2	15.1
Nebraska	50.5	50.6	50.5	50.7	50.6	50.5	50.8	50.6	50.7	50.5	50.6	50.5	50.5
Nevada	31.3	31.5	31.7	31.8	31.9	32.1	32.1	32.1	32.1	32.1	32.1	32.0	32.1
New Hampshire	29.9	29.8	29.9	29.9	29.9	30.1	30.1	30.1	29.8	29.8	29.5	29.0	28.8
New Jersey	229.1	229.7	230.3	230.7	230.6	230.5	231.1	230.9	231.0	231.1	232.3	232.7	232.0
New Mexico	27.7	27.8	27.8	27.7	27.8	28.1	28.2	28.3	28.9	29.0	29.0	29.3	29.2
New York	726.7	728.4	729.2	728.7	728.7	727.4	728.6	729.5	730.3	730.9	733.7	734.8	733.4
North Carolina	139.0	139.9	141.0	141.1	141.7	141.9	142.2	142.9	143.8	144.7	145.3	145.3	145.8
North Dakota	13.8	13.6	13.6	13.6	13.7	13.7	13.8	13.8	13.8	13.8	13.9	13.9	14.0
Ohio	259.2	259.2	259.3	259.6	260.1	260.5	260.4	260.6	260.9	260.9	260.7	260.8	260.6
Oklahoma	61.6	61.5	61.3	61.3	61.1	61.2	61.3	61.6	61.8	61.9	62.0	62.1	61.7
Oregon	92.5	93.0	93.5	93.8	93.9	94.4	94.7	95.4	95.9	96.5	96.5	96.6	96.8
Pennsylvania	303.7	304.1	304.0	304.7	304.6	303.1	304.3	304.5	305.9	307.2	307.2	307.7	307.2
Rhode Island	25.3	25.4	25.3	25.3	25.2	25.3	25.4	25.2	25.4	25.2	25.0	25.2	25.2
South Carolina	66.1	66.1	66.2	66.3	66.3	66.2	66.5	66.3	66.3	66.4	66.4	66.2	66.6
South Dakota	17.9	17.9	17.9	18.0	17.9	18.0	18.1	18.2	18.2	18.2	18.2	18.2	18.1
Tennessee	104.2	104.2	104.9	105.1	105.4	105.2	105.3	105.6	105.8	105.9	105.9	105.9	106.2
Texas	429.5	430.5	431.8	433.8	435.5	434.2	434.4	436.9	438.6	438.8	438.9	437.7	438.6
Utah	40.4	41.0	41.6	41.6	42.5	44.2	44.6	45.0	45.9	46.2	46.0	46.8	46.9
Vermont	12.1	12.1	12.2	12.2	12.3	12.2	12.1	12.0	12.0	12.0	11.9	12.1	12.1
Virginia	157.9	158.3	159.2	160.1	160.8	160.0	160.9	161.2	162.2	162.9	163.5	164.3	164.7
Washington	121.3	121.7	121.9	122.3	122.7	123.2	122.9	122.3	122.1	121.8	121.8	121.3	120.6
West Virginia	25.1	25.2	25.1	25.1	25.1	25.0	25.0	25.1	25.0	25.0	25.3	25.3	25.3
Wisconsin	130.9	131.4	132.0	132.4	132.7	132.6	132.4	132.7	132.6	132.9	132.9	133.3	133.5
Wyoming	7.7	7.8	7.7	7.7	7.8	7.9	7.9	7.8	7.8	7.7	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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
	Services												
Alabama	364.4	365.1	366.8	365.4	365.1	365.3	368.5	368.8	370.1	368.4	369.7	368.8	370.2
Alaska	57.0	57.1	56.7	57.0	57.2	57.5	57.8	57.8	57.6	58.4	58.6	58.6	58.5
Arizona	451.5	454.2	454.7	455.5	456.6	455.9	458.8	463.8	466.6	466.9	469.6	470.8	472.4
Arkansas	220.6	221.3	222.2	222.2	220.9	223.9	224.8	225.1	225.5	226.7	227.8	229.2	230.3
California	3,466.6	3,466.1	3,465.4	3,465.3	3,469.6	3,469.6	3,480.2	3,478.8	3,487.0	3,490.8	3,493.4	3,503.0	3,512.0
Colorado	472.4	473.0	474.1	474.2	475.7	477.7	482.4	482.8	483.7	485.5	485.9	488.1	487.9
Connecticut	445.5	447.8	447.8	447.3	447.8	453.2	450.8	451.9	453.0	456.8	457.4	461.3	461.5
Delaware	90.3	90.7	90.6	91.0	91.3	90.7	91.4	92.1	94.1	93.9	94.7	94.6	94.4
District of Columbia	254.1	254.5	258.4	256.8	256.8	255.4	256.5	256.4	256.1	256.5	255.0	255.9	256.5
Florida	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	1,917.7	1,927.5	1,937.4
Georgia	737.0	742.5	750.7	753.6	757.1	758.2	767.9	774.3	782.9	786.6	795.3	800.7	805.0
Hawaii	163.8	163.3	164.2	163.5	163.4	163.9	163.2	163.2	163.3	163.6	164.0	164.2	163.4
Idaho	98.4	98.9	99.7	99.7	100.1	100.9	101.8	101.5	101.8	102.6	102.8	102.9	102.6
Illinois	1,485.2	1,485.9	1,483.7	1,484.6	1,489.2	1,479.7	1,481.2	1,481.9	1,487.7	1,490.3	1,495.6	1,504.4	1,506.8
Indiana	560.8	560.1	561.2	563.4	564.0	589.2	588.6	582.1	583.4	576.1	577.3	576.8	576.4
Iowa	320.0	319.6	319.8	320.6	321.5	322.8	323.3	323.7	325.0	325.7	327.4	328.3	326.0
Kansas	271.1	272.0	273.2	273.4	274.9	276.8	276.4	277.0	277.7	278.0	279.3	279.9	280.1
Kentucky	363.8	365.1	366.1	366.4	366.5	364.6	365.6	367.9	368.0	367.5	370.2	372.2	374.4
Louisiana	410.2	410.4	408.9	409.9	411.1	410.3	415.3	418.0	421.3	424.5	425.5	428.0	433.1
Maine	134.1	135.2	136.3	136.5	136.7	135.8	136.4	136.6	137.6	138.7	138.4	138.2	139.3
Maryland	658.0	660.9	665.4	664.7	665.2	664.2	662.7	663.3	669.9	671.2	670.3	671.9	670.2
Massachusetts	960.6	966.6	968.2	972.1	974.0	987.5	987.6	990.8	997.3	997.5	1,001.7	1,009.9	1,013.4
Michigan	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	1,059.3	1,063.4	1,066.8
Minnesota	618.0	619.1	621.3	623.4	626.6	629.3	631.0	633.3	636.4	636.4	640.2	641.5	643.3
Mississippi	200.6	199.3	199.5	200.8	200.0	204.3	207.1	207.1	209.5	211.1	215.9	218.0	217.9
Missouri	652.3	654.3	654.3	655.1	658.7	657.5	660.3	664.5	675.2	677.2	684.8	688.7	687.6
Montana	89.4	89.1	88.9	89.0	89.4	89.6	89.9	90.6	90.0	90.7	91.0	90.7	90.5
Nebraska	188.2	189.2	189.1	188.5	188.3	189.1	188.8	188.2	190.6	190.6	193.4	195.1	196.0
Nevada	294.6	297.2	301.1	305.5	311.7	312.2	315.5	315.7	316.8	317.1	317.1	317.2	317.8
New Hampshire	139.0	138.6	138.7	138.5	138.2	140.1	140.9	141.6	142.9	143.0	143.5	144.8	144.7
New Jersey	1,021.9	1,024.0	1,026.8	1,028.2	1,030.1	1,031.2	1,033.8	1,038.7	1,046.2	1,047.9	1,051.7	1,054.5	1,059.0
New Mexico	168.0	168.1	169.0	168.8	168.9	172.6	173.1	173.3	175.5	176.3	175.9	176.8	177.1
New York	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	2,477.5	2,487.6	2,486.8
North Carolina	694.9	697.0	700.2	703.2	707.5	709.5	711.9	717.9	719.2	723.3	727.6	724.1	727.4
North Dakota	77.1	77.4	77.9	78.2	77.9	77.8	77.9	79.1	79.1	79.8	79.8	79.8	79.9
Ohio	1,277.5	1,281.4	1,285.5	1,266.5	1,289.1	1,292.9	1,296.0	1,296.9	1,299.4	1,300.0	1,297.3	1,300.2	1,299.6
Oklahoma	306.7	305.6	304.8	304.3	304.4	307.0	307.0	307.3	310.6	312.7	314.5	317.2	316.4
Oregon	328.5	330.6	331.0	333.1	333.3	332.2	332.9	334.1	334.1	335.1	336.0	338.1	339.8
Pennsylvania	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	1,558.9	1,563.3	1,565.4
Rhode Island	136.9	136.8	137.1	137.3	138.8	137.4	136.8	138.1	138.6	139.4	141.9	141.2	141.5
South Carolina	336.8	337.5	339.0	340.2	341.3	345.3	344.6	344.4	344.4	345.9	347.9	348.2	348.5
South Dakota	79.8	79.3	80.8	80.9	81.0	83.3	83.6	83.9	84.0	84.5	85.3	85.0	85.0
Tennessee	577.0	578.9	581.8	583.1	585.9	585.7	587.5	587.7	591.4	594.2	593.7	594.9	594.0
Texas	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	2,025.8	2,037.0	2,038.5
Utah	213.4	213.9	215.6	217.3	218.9	221.2	221.9	222.7	223.7	223.5	225.3	225.6	226.5
Vermont	74.2	74.6	75.2	75.7	74.2	74.2	75.3	75.8	77.5	75.3	75.2	75.8	75.2
Virginia	802.1	806.5	809.4	813.2	817.2	816.7	822.9	829.5	834.0	834.0	837.6	840.9	843.8
Washington	583.6	585.2	586.0	587.3	589.3	588.3	589.2	593.6	594.2	598.7	599.7	598.9	599.2
West Virginia	167.4	168.0	169.5	169.4	170.0	170.1	170.9	171.2	172.3	174.0	173.6	174.2	173.7
Wisconsin	598.8	600.4	601.3	602.0	602.4	604.9	607.9	610.3	611.7	611.5	614.4	617.9	620.6
Wyoming	42.9	43.1	43.1	43.2	43.5	43.8	43.8	43.7	44.0	43.5	43.7	43.3	43.4

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Government													
Alabama	340.0	341.2	342.4	343.1	343.0	344.3	343.5	343.9	345.0	343.8	349.1	339.6	339.7
Alaska	74.4	74.2	74.8	74.5	75.1	75.8	74.9	74.9	74.6	74.4	74.6	73.8	74.6
Arizona	289.9	290.1	285.8	287.6	287.1	286.3	286.5	287.3	286.3	287.4	288.6	294.7	292.1
Arkansas	171.4	168.8	168.8	169.3	169.1	169.4	169.4	169.4	169.4	170.7	171.0	172.5	172.9
California	2,078.1	2,075.2	2,075.6	2,078.8	2,079.4	2,079.8	2,084.1	2,083.0	2,084.0	2,089.4	2,091.8	2,090.9	2,092.8
Colorado	298.4	297.5	297.6	297.9	298.8	297.9	298.7	298.8	300.6	298.5	298.6	302.1	304.0
Connecticut	204.8	207.3	207.7	208.7	208.8	207.3	209.0	208.8	210.5	210.2	209.6	208.9	208.2
Delaware	49.1	50.3	49.4	49.6	49.9	49.4	49.5	49.4	49.4	50.2	50.0	50.8	51.0
District of Columbia	285.6	286.0	284.9	285.7	284.8	285.1	284.0	283.0	282.8	281.1	279.3	280.9	278.7
Florida	883.4	884.6	887.0	889.3	894.1	895.8	896.3	897.9	907.1	901.9	908.9	908.7	904.2
Georgia	545.4	546.6	554.3	555.4	556.8	558.3	560.6	560.8	561.3	561.2	562.2	563.3	562.4
Hawaii	111.1	111.3	111.8	111.5	112.0	110.4	111.9	112.0	111.9	110.2	113.0	111.7	111.7
Idaho	90.8	90.6	91.3	91.6	92.2	92.2	92.5	92.8	93.1	93.3	92.9	93.5	93.8
Illinois	758.2	759.6	772.2	772.6	773.2	768.1	773.5	773.4	771.7	779.3	777.6	783.2	785.1
Indiana	391.6	397.6	395.7	398.0	396.9	398.2	395.1	395.4	396.0	395.2	397.4	396.2	390.3
Iowa	222.4	224.3	224.5	225.2	225.7	224.7	223.6	225.3	228.1	227.1	231.3	226.4	227.0
Kansas	223.9	231.8	232.1	231.1	232.7	232.0	232.4	232.4	226.2	231.4	237.5	230.8	232.7
Kentucky	275.1	278.1	276.5	277.7	276.7	272.8	275.2	277.1	277.3	276.6	278.9	277.9	276.4
Louisiana	340.8	339.6	340.2	340.2	339.6	340.2	339.4	340.2	343.2	343.8	343.4	340.6	342.8
Maine	95.9	93.9	94.0	93.6	93.3	92.1	93.4	93.2	93.2	93.8	92.9	94.8	94.7
Maryland	417.3	421.3	417.6	418.1	419.4	419.1	416.4	419.8	419.9	418.9	418.0	414.6	420.7
Massachusetts	389.1	390.0	389.7	388.8	387.8	387.0	388.8	386.5	390.2	388.9	387.5	383.0	385.4
Michigan	633.4	642.9	641.7	641.2	641.6	637.0	637.9	641.4	638.7	637.4	632.3	627.3	633.4
Minnesota	353.4	355.4	356.2	357.9	358.5	359.6	359.5	360.8	362.6	362.3	361.6	360.2	360.3
Mississippi	214.9	210.6	211.2	211.4	211.8	211.5	210.5	212.6	212.3	212.4	211.0	214.4	217.7
Missouri	377.4	379.1	379.6	380.7	382.5	381.0	382.5	382.7	385.4	386.5	388.2	387.2	384.2
Montana	74.7	74.2	74.6	74.5	75.0	74.4	74.6	74.6	75.0	75.6	75.1	75.9	76.8
Nebraska	150.0	150.0	150.1	149.2	150.5	151.1	149.1	149.7	149.5	152.1	149.3	152.7	153.1
Nevada	89.1	88.9	89.2	89.3	90.0	89.4	90.0	91.1	91.8	92.2	90.2	91.0	93.8
New Hampshire	73.3	71.8	74.5	73.9	74.1	75.1	76.6	76.7	75.0	74.2	74.2	76.7	75.0
New Jersey	564.4	566.4	568.3	569.2	569.2	565.2	561.1	562.5	565.0	566.9	566.6	565.9	563.3
New Mexico	159.0	159.9	159.7	160.1	160.0	160.4	160.2	160.6	162.1	162.5	166.0	163.5	163.2
New York	1,423.2	1,419.7	1,420.4	1,423.0	1,420.2	1,417.5	1,415.8	1,417.2	1,417.6	1,421.6	1,413.8	1,426.2	1,424.1
North Carolina	537.3	533.9	536.5	539.1	539.2	539.9	537.8	540.4	541.0	542.9	544.0	541.1	543.3
North Dakota	67.3	67.8	66.6	66.4	66.8	66.6	67.0	66.7	66.5	66.6	66.3	66.6	68.3
Ohio	737.5	738.3	744.5	738.5	739.5	738.0	739.9	740.6	744.5	741.4	747.4	740.5	746.1
Oklahoma	270.8	267.6	266.9	268.3	268.6	269.6	269.2	269.9	271.4	271.9	270.3	268.2	268.0
Oregon	231.9	232.1	232.2	232.9	233.0	233.9	233.7	232.7	233.1	234.4	232.9	234.6	236.9
Pennsylvania	708.3	709.1	709.3	710.5	713.8	710.0	708.3	711.2	714.2	713.3	718.9	706.7	707.5
Rhode Island	61.5	60.3	60.9	61.3	62.4	61.7	62.0	61.4	61.9	61.9	61.8	62.8	62.2
South Carolina	298.7	296.1	297.8	297.9	297.7	299.6	298.8	300.0	300.3	300.4	301.2	301.5	300.9
South Dakota	66.4	67.6	66.8	66.8	66.7	67.4	67.4	67.3	67.5	67.7	68.5	68.8	68.9
Tennessee	362.9	362.5	363.5	364.6	365.1	365.1	365.2	365.9	366.2	366.4	368.9	365.4	366.4
Texas	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	1,394.8	1,414.3	1,427.6
Utah	159.9	160.0	160.3	161.0	162.0	161.1	161.6	161.2	162.0	162.1	162.7	162.1	182.9
Vermont	42.4	42.9	43.7	43.5	43.5	43.4	44.1	44.4	44.1	44.9	44.7	43.1	43.0
Virginia	600.0	600.9	601.1	602.0	601.5	597.5	598.1	602.4	603.3	602.1	603.5	602.1	604.7
Washington	428.7	434.5	429.8	433.3	431.5	433.5	436.9	432.7	435.1	434.6	437.0	438.1	436.7
West Virginia	132.4	135.0	134.9	135.1	135.5	134.8	135.0	134.6	133.6	140.5	133.9	132.4	134.6
Wisconsin	360.7	360.4	361.2	361.7	362.4	363.0	360.2	363.1	362.6	362.0	362.6	366.0	363.7
Wyoming	55.8	57.2	57.7	57.6	57.8	58.0	57.8	57.2	57.3	57.6	57.5	57.1	58.2

¹ Includes mining, not shown separately.

² 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 workers¹ on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

Industry	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^p	Sept. ^p
Total private	34.4	34.5	34.6	34.5	34.8	34.3	34.6	34.7	34.8	34.6	34.6	34.5	34.6
Mining	44.2	45.1	44.3	44.1	44.2	44.1	44.4	45.0	44.5	44.8	45.4	44.7	45.0
Construction	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Manufacturing	41.5	41.6	41.7	41.7	41.7	41.3	42.1	42.2	42.1	42.0	42.0	42.0	42.0
<i>Overtime hours</i>	4.2	4.3	4.4	4.4	4.5	4.5	4.7	4.8	4.7	4.7	4.6	4.6	4.6
Durable goods	42.3	42.4	42.5	42.5	42.7	42.2	43.0	43.0	42.9	42.8	42.6	42.8	42.8
<i>Overtime hours</i>	4.3	4.5	4.7	4.7	4.8	4.9	5.0	5.2	5.0	5.0	4.9	5.0	4.9
Lumber and wood products	41.0	41.2	41.4	41.2	41.7	40.6	41.3	41.4	41.4	41.3	41.1	41.3	41.0
Furniture and fixtures	40.0	40.4	40.7	40.2	40.2	39.0	40.6	40.3	40.3	40.8	40.5	40.4	40.7
Stone, clay, and glass products	42.7	42.8	43.3	43.1	43.3	42.3	43.6	43.4	43.7	43.6	43.5	43.5	43.6
Primary metal industries	43.6	43.8	44.1	44.2	44.2	44.2	44.6	44.9	44.8	44.3	44.4	44.6	44.8
Blast furnaces and basic steel products ..	44.1	43.8	44.0	44.2	43.9	44.3	44.7	45.1	45.1	44.4	44.8	44.9	45.0
Fabricated metal products	42.2	42.3	42.5	42.5	42.6	42.3	42.8	43.0	42.8	42.6	42.6	42.8	42.9
Industrial machinery and equipment	43.0	43.2	43.2	43.3	43.4	43.1	43.9	43.9	43.8	43.8	43.6	43.4	43.5
Electronic and other electrical equipment ..	42.0	42.1	42.0	41.9	42.1	41.7	42.4	42.6	42.3	42.2	42.2	42.2	41.9
Transportation equipment	43.6	43.5	43.8	44.1	44.0	44.0	44.5	44.6	44.3	44.0	43.3	44.4	44.1
Motor vehicles and equipment	45.1	45.1	45.9	46.1	46.2	46.3	46.5	46.1	45.8	45.2	44.1	45.9	45.8
Instruments and related products	41.1	41.1	41.0	41.2	41.4	41.0	41.7	41.6	41.9	41.6	42.1	41.8	41.7
Miscellaneous manufacturing	39.8	39.7	39.8	39.9	40.1	38.9	40.1	40.4	40.2	40.2	40.3	39.9	39.9
Nondurable goods	40.5	40.6	40.6	40.6	40.6	40.1	41.0	41.1	41.0	41.0	41.1	40.9	41.0
<i>Overtime hours</i>	4.0	4.0	4.0	4.0	4.1	4.1	4.3	4.3	4.2	4.3	4.3	4.2	4.3
Food and kindred products	40.6	40.9	40.7	40.7	40.7	40.8	41.2	41.2	41.1	41.3	41.7	41.4	41.5
Tobacco products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Textile mill products	41.5	41.5	41.8	41.8	41.5	40.4	42.2	42.0	41.8	41.9	41.6	41.5	41.4
Apparel and other textile products	37.0	36.9	37.1	37.1	36.9	35.8	37.6	38.0	37.8	37.8	37.6	37.6	37.6
Paper and allied products	43.8	43.8	43.7	43.7	43.7	43.2	44.1	44.0	44.0	44.0	44.3	44.1	43.8
Printing and publishing	38.3	38.4	38.4	38.3	38.3	38.0	38.4	38.8	38.8	38.8	38.6	38.5	38.7
Chemicals and allied products	42.9	43.2	43.0	43.1	43.2	42.8	43.3	43.2	43.4	43.3	43.5	43.2	43.0
Petroleum and coal products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Rubber and misc. plastics products	41.7	41.8	42.0	42.0	41.9	41.6	42.6	42.4	42.2	42.2	42.2	42.1	42.2
Leather and leather products	38.7	38.7	38.5	38.5	38.6	37.7	38.8	39.0	38.4	38.3	37.9	38.3	38.7
Transportation and public utilities	39.7	39.8	39.7	39.7	40.1	39.7	39.8	40.2	40.0	39.9	39.9	39.8	40.1
Wholesale trade	37.9	38.2	38.2	38.1	38.5	38.1	38.3	38.4	38.5	38.4	38.3	38.1	38.2
Retail trade	28.6	28.9	28.8	28.8	29.0	28.6	28.9	29.0	29.0	29.0	29.0	28.9	28.9
Finance, insurance, and real estate	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Services	32.3	32.4	32.5	32.4	32.8	32.3	32.4	32.5	32.8	32.4	32.5	32.2	32.5

¹ 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.

² 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. ^p = 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 workers¹ on private nonfarm payrolls by major industry and manufacturing group, seasonally adjusted

(1982=100)

Industry	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^p	Sept. ^p
Total private	124.4	125.3	125.8	125.9	127.1	125.6	127.3	128.2	129.1	128.8	129.3	128.9	129.8
Goods-producing	103.8	104.3	104.9	105.1	105.3	103.9	106.7	107.3	107.4	107.5	107.6	107.8	108.0
Mining	54.2	55.2	53.8	55.1	54.6	54.3	54.5	54.9	54.2	55.1	55.7	55.2	55.3
Construction	125.2	126.3	128.8	128.8	128.5	124.5	131.0	132.7	134.8	134.0	135.2	134.5	136.0
Manufacturing	102.5	102.9	103.3	103.3	103.7	102.8	104.9	105.4	105.1	105.3	105.2	105.6	105.6
Durable goods	100.2	100.6	101.2	101.6	102.3	101.4	103.3	104.0	103.8	104.0	103.7	104.6	104.5
Lumber and wood products	125.7	127.2	128.7	128.7	131.6	128.2	130.4	131.3	131.6	131.7	131.3	132.1	131.2
Furniture and fixtures	120.7	121.9	123.5	122.6	122.9	119.2	124.8	123.5	124.2	126.0	125.7	124.8	125.4
Stone, clay, and glass products	102.7	103.2	104.4	104.2	105.2	102.8	106.5	107.3	107.8	107.8	107.8	107.8	107.8
Primary metal industries	85.1	85.7	86.6	86.8	87.0	87.3	88.1	88.5	88.5	88.3	88.9	89.3	90.3
Blast furnaces and basic steel products	71.5	71.1	71.6	71.7	71.3	71.6	71.6	70.8	70.8	70.5	71.6	71.3	71.5
Fabricated metal products	102.9	103.4	104.4	104.8	105.6	105.1	106.7	107.8	107.6	107.9	108.0	109.2	109.5
Industrial machinery and equipment	92.1	92.8	93.1	93.7	94.4	94.2	96.1	96.9	96.9	97.5	97.2	97.4	97.8
Electronic and other electrical equipment	100.8	101.4	101.4	101.6	101.8	101.2	103.2	104.6	103.8	104.3	104.2	105.3	104.8
Transportation equipment	111.3	111.2	111.9	112.9	113.8	113.7	114.8	115.3	114.6	114.5	111.9	115.8	114.8
Motor vehicles and equipment	138.6	139.7	142.9	145.2	149.4	149.4	150.3	149.5	147.9	147.7	143.7	152.0	151.6
Instruments and related products	75.7	75.6	75.0	75.0	75.2	74.5	75.6	75.2	75.4	74.3	75.1	74.3	74.0
Miscellaneous manufacturing	100.4	100.1	100.0	100.6	100.8	97.4	100.8	101.9	101.0	101.4	102.8	101.8	101.4
Nondurable goods	105.7	105.9	106.0	105.8	105.7	104.7	107.1	107.4	107.0	107.1	107.2	106.9	107.0
Food and kindred products	111.9	113.1	112.5	112.3	112.0	112.7	114.1	113.6	113.2	113.5	114.7	114.0	114.0
Tobacco products	57.1	57.4	59.6	56.8	57.1	54.2	58.3	62.0	60.3	58.7	55.7	58.9	57.1
Textile mill products	98.6	98.5	99.2	99.0	98.6	96.2	100.6	99.8	99.2	99.4	98.3	98.3	97.5
Apparel and other textile products	88.8	88.1	88.2	87.4	86.6	84.0	88.4	89.3	88.9	88.8	88.0	88.4	88.5
Paper and allied products	110.6	110.4	110.2	110.2	110.4	109.1	111.2	111.1	111.1	111.1	111.9	111.4	110.2
Printing and publishing	123.7	123.8	123.8	123.2	123.5	122.6	124.1	125.5	125.1	125.7	125.3	125.3	125.5
Chemicals and allied products	100.4	101.3	101.4	101.6	101.5	100.6	101.4	101.3	101.6	101.6	101.9	100.4	100.9
Petroleum and coal products	81.6	83.7	80.9	79.9	81.8	79.7	80.4	82.1	78.7	80.1	80.5	80.1	84.9
Rubber and misc. plastics products	132.2	132.0	133.7	134.1	134.7	134.7	138.3	138.3	138.4	138.6	139.2	138.8	139.9
Leather and leather products	55.3	55.3	55.0	55.0	55.2	53.9	54.6	55.7	53.7	53.5	52.4	53.5	52.9
Service-producing	133.7	134.8	135.2	135.2	136.9	135.3	136.6	137.6	138.8	138.4	139.0	138.4	139.5
Transportation and public utilities	117.5	118.3	117.9	117.6	118.9	117.9	118.6	118.4	119.8	119.6	119.6	119.3	120.4
Wholesale trade	111.7	112.7	112.8	112.6	114.0	113.1	113.9	114.5	114.8	114.9	114.6	114.5	114.9
Retail trade	122.8	124.1	123.7	124.1	125.1	123.6	125.4	126.4	126.6	127.3	128.0	127.7	127.9
Finance, insurance, and real estate	120.8	121.4	121.8	121.3	124.3	121.7	121.5	122.0	123.6	121.8	122.4	120.5	121.2
Services	156.6	157.6	158.9	158.9	161.2	159.3	160.8	162.5	164.6	163.5	164.6	163.8	165.9

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

^p = preliminary.

NOTE: Establishment survey estimates are currently projected from March 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) ¹			Percent change		
	July 1994 ^r	Aug. 1994 ^r	Sept. 1994 ^p	Sept. 1993 to Sept. 1994 ^p	July 1994 to Aug. 1994 ^r	Aug. 1994 to Sept. 1994 ^p
Total	210,178	210,089	211,634	3.3	0	0.7
Private sector	172,723	172,441	173,290	3.8	-2	.5
Mining	1,415	1,399	1,411	1.7	-1.1	.9
Construction	10,001	9,969	10,085	8.2	-.3	1.2
Manufacturing	39,155	39,256	39,251	1.7	.3	.0
Durable goods	22,508	22,644	22,647	2.5	.6	.0
Nondurable goods	16,647	16,612	16,604	.6	-.2	.0
Transportation and public utilities	12,161	12,172	12,267	2.9	.1	.8
Wholesale trade	12,055	12,028	12,079	2.8	-.2	.4
Retail trade	30,742	30,672	30,732	4.3	-.2	.2
Finance, insurance, and real estate	12,655	12,519	12,549	.4	-1.1	.2
Services	54,539	54,427	54,916	5.5	-.2	.9
Government	37,455	37,648	38,344	1.1	.5	1.8

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

^p = preliminary.

^r = 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 workers¹ on private nonfarm payrolls by major industry, seasonally adjusted

Industry	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^p	Sept. ^p
Average hourly earnings													
Total private (in current dollars)	\$10.88	\$10.92	\$10.94	\$10.96	\$11.02	\$11.03	\$11.02	\$11.05	\$11.09	\$11.08	\$11.11	\$11.13	\$11.16
Mining	14.55	14.62	14.51	14.68	14.88	14.81	14.77	14.87	14.83	14.73	14.80	14.84	14.87
Construction	14.41	14.43	14.46	14.41	14.43	14.54	14.47	14.52	14.60	14.67	14.75	14.73	14.81
Manufacturing	11.82	11.84	11.87	11.93	11.95	12.01	12.00	12.00	12.00	12.03	12.05	12.07	12.11
Excluding overtime²	11.25	11.25	11.28	11.32	11.34	11.40	11.37	11.33	11.37	11.40	11.42	11.43	11.45
Transportation and public utilities	13.63	13.66	13.70	13.73	13.80	13.82	13.79	13.77	13.80	13.78	13.84	13.88	13.87
Wholesale trade	11.79	11.84	11.80	11.82	11.92	11.88	11.88	11.95	11.98	11.99	12.02	12.01	12.04
Retail trade	7.30	7.35	7.35	7.37	7.41	7.42	7.43	7.45	7.47	7.47	7.48	7.50	7.52
Finance, insurance, and real estate	11.44	11.56	11.58	11.61	11.73	11.67	11.69	11.77	11.83	11.74	11.80	11.80	11.87
Services	10.82	10.87	10.88	10.89	10.97	10.96	10.95	10.99	11.04	11.03	11.06	11.08	11.11
Total private (in constant dollars)³	7.40	7.39	7.39	7.40	7.43	7.42	7.39	7.40	7.42	7.39	7.38	7.36	(*)
Average weekly earnings													
Total private:													
In current dollars	374.27	376.74	378.52	378.12	383.50	378.33	381.29	383.44	385.93	383.37	384.41	383.99	386.14
In constant (1982) dollars³	254.43	255.07	255.76	255.14	258.60	254.60	255.73	256.83	258.15	255.58	255.25	253.96	(*)

¹ 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.

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

³ The Consumer Price Index for Urban Wage Earners and Clerical

Workers (CPI-W) is used to deflate these series.

^p Not available.

^p = 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 ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Total		110,493	111,398	113,457	113,656	114,619	-	-	-	-	-
Total private		92,847	92,778	95,456	95,800	95,769	75,686	75,622	78,024	78,348	78,276
Mining		613	613	611	612	608	434	435	436	439	437
Metal mining	10	46.9	50.6	51.6	52.1	51.3	37.6	40.9	41.8	42.3	-
Iron ores	101	6.1	10.3	11.0	11.6	-	4.8	8.5	9.2	9.6	-
Copper ores	102	15.1	15.0	15.4	15.4	-	12.4	12.4	12.8	12.7	-
Coal mining	12	99.2	98.7	115.0	114.9	113.4	78.8	77.8	92.9	93.1	-
Bituminous coal and lignite mining	122	91.5	91.0	107.6	107.6	-	72.5	71.4	86.9	87.1	-
Oil and gas extraction	13	361.4	359.5	339.5	339.8	338.2	236.1	236.7	221.4	222.8	-
Crude petroleum and natural gas	131	171.9	169.3	163.6	163.3	-	85.0	82.9	80.9	81.7	-
Oil and gas field services	138	184.5	185.0	171.1	171.7	-	149.4	149.9	137.7	138.3	-
Nonmetallic minerals, except fuels	14	105.0	104.2	105.3	105.4	104.6	79.8	79.5	80.1	80.3	-
Crushed and broken stone	142	39.7	39.4	40.6	40.4	-	31.2	31.1	31.8	31.7	-
Sand and gravel	144	34.7	34.3	34.1	34.2	-	-	-	-	-	-
Chemical and fertilizer minerals	147	12.6	12.6	13.0	13.1	-	-	-	-	-	-
Construction		4,990	4,941	5,252	5,290	5,251	3,898	3,858	4,119	4,153	4,116
General building contractors	15	1,172.0	1,155.0	1,223.6	1,236.7	1,219.0	840.3	826.4	879.8	890.8	-
Residential building construction	152	585.1	573.9	619.7	621.7	-	403.1	394.1	430.3	430.9	-
Operative builders	153	28.5	28.3	31.0	31.0	-	12.5	12.3	13.5	13.3	-
Nonresidential building construction	154	558.4	552.8	572.9	584.0	-	424.7	420.0	436.0	446.6	-
Heavy construction, except building	16	778.4	784.2	792.6	792.4	796.0	657.8	664.6	672.0	673.3	-
Highway and street construction	161	271.8	270.1	275.8	278.0	-	231.7	230.1	233.9	236.1	-
Heavy construction, except highway	162	506.6	514.1	516.8	514.4	-	426.1	434.5	438.1	437.2	-
Special trade contractors	17	3,039.1	3,001.8	3,236.0	3,260.4	3,235.6	2,399.6	2,367.0	2,567.0	2,589.3	-
Plumbing, heating, and air conditioning	171	659.1	651.1	695.5	697.4	-	486.4	479.4	515.0	516.1	-
Painting and paper hanging	172	182.5	178.5	197.0	203.3	-	154.2	150.5	165.0	171.1	-
Electrical work	173	543.3	537.4	580.4	588.2	-	424.3	418.5	455.9	463.2	-
Masonry, stonework, and plastering	174	440.1	435.5	487.9	490.5	-	380.3	375.6	422.8	424.9	-
Carpentry and floor work	175	202.9	201.5	237.1	240.1	-	153.9	152.6	183.0	185.3	-
Roofing, siding, and sheet metal work	176	222.8	222.2	233.9	238.2	-	181.6	180.7	190.0	193.8	-
Manufacturing		18,071	18,088	18,028	18,210	18,236	12,353	12,397	12,397	12,577	12,609
Durable goods		10,136	10,174	10,218	10,300	10,345	6,782	6,837	6,928	7,007	7,051
Lumber and wood products	24	716.8	717.4	745.5	748.6	744.8	592.1	592.4	616.8	620.1	616.7
Logging	241	83.5	84.1	79.9	79.6	-	68.7	69.4	65.7	65.7	-
Sawmills and planing mills	242	182.7	182.2	185.8	185.7	-	158.4	157.8	161.1	161.1	-
Sawmills and planing mills, general	2421	146.1	145.5	148.3	148.0	-	126.6	126.0	128.3	128.3	-
Hardwood dimension and flooring mills	2426	34.6	34.6	35.4	35.6	-	30.1	30.1	31.0	31.1	-
Millwork, plywood, and structural members	243	255.2	255.6	271.9	273.4	-	205.7	205.8	219.2	220.8	-
Millwork	2431	104.4	104.8	110.9	111.2	-	81.9	81.8	87.3	87.5	-
Wood kitchen cabinets	2434	69.2	69.1	75.5	75.9	-	55.0	55.1	60.4	61.0	-
Hardwood veneer and plywood	2435	23.9	23.8	24.0	24.6	-	20.5	20.4	20.7	21.3	-
Softwood veneer and plywood	2436	28.4	28.5	29.0	29.1	-	25.8	25.8	25.9	26.0	-
Wood containers	244	45.6	45.6	47.3	47.2	-	38.8	38.6	40.4	40.2	-
Wood buildings and mobile homes	245	66.8	66.9	74.2	75.3	-	52.6	52.9	59.8	60.7	-
Mobile homes	2451	50.4	50.7	56.8	57.5	-	42.0	42.3	47.7	48.5	-
Miscellaneous wood products	249	83.0	83.0	86.4	87.4	-	67.9	67.9	70.6	71.6	-
Furniture and fixtures	25	485.1	487.8	490.8	497.6	499.2	382.1	385.9	387.0	393.7	394.6
Household furniture	251	273.2	275.6	274.4	277.7	-	227.2	229.8	228.5	231.8	-
Wood household furniture	2511	121.3	121.4	119.7	122.5	-	103.7	104.1	101.8	104.7	-
Upholstered household furniture	2512	90.6	90.9	91.0	91.8	-	75.5	75.8	76.5	77.2	-
Metal household furniture	2514	18.6	20.3	20.9	20.0	-	14.6	16.4	17.0	16.0	-
Mattresses and bedsprings	2515	29.1	29.4	30.2	30.5	-	22.2	22.4	23.1	23.4	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Durable goods—Continued											
Furniture and fixtures—Continued											
Office furniture	252	61.2	61.4	63.1	63.5	-	44.3	45.2	46.0	46.4	-
Public building and related furniture	253	37.7	37.8	37.5	39.2	-	30.0	30.0	29.4	31.2	-
Partitions and fixtures	254	77.5	77.4	79.8	81.0	-	57.0	57.0	58.7	59.9	-
Miscellaneous furniture and fixtures	259	35.5	35.6	36.0	36.2	-	23.6	23.9	24.4	24.4	-
Stone, clay, and glass products	32	526.8	527.7	539.2	543.7	541.2	407.5	408.7	418.0	421.0	420.1
Flat glass	321	14.5	14.6	14.4	14.8	-	11.1	11.2	11.1	11.5	-
Glass and glassware, pressed or blown	322	77.2	77.9	74.8	74.6	-	64.8	65.5	61.7	61.7	-
Glass containers	3221	35.5	35.3	32.5	31.8	-	31.8	31.6	29.0	28.5	-
Pressed and blown glass, nec	3229	41.7	42.6	42.3	42.8	-	33.0	33.9	32.7	33.2	-
Products of purchased glass	323	59.6	60.5	59.0	61.8	-	45.2	45.9	44.2	46.4	-
Cement, hydraulic	324	18.2	17.8	18.3	18.2	-	14.0	13.7	14.1	14.0	-
Structural clay products	325	32.9	32.5	33.0	33.2	-	25.4	25.2	25.7	25.8	-
Pottery and related products	326	39.1	39.6	40.4	40.8	-	30.6	31.1	32.4	32.6	-
Concrete, gypsum, and plaster products	327	197.6	196.9	209.9	210.2	-	151.1	150.6	161.5	161.3	-
Concrete block and brick	3271	17.0	16.9	18.3	18.2	-	11.0	10.8	11.9	11.8	-
Concrete products, nec	3272	64.4	64.3	67.9	68.4	-	48.3	48.2	51.0	51.2	-
Ready-mixed concrete	3273	99.2	98.8	106.4	106.2	-	78.4	78.2	84.8	84.6	-
Misc. nonmetallic mineral products	329	74.1	74.2	76.1	76.5	-	55.4	55.5	57.9	57.9	-
Abrasive products	3291	19.4	19.4	19.8	20.1	-	14.5	14.4	15.4	15.7	-
Asbestos products	3292	2.9	2.9	2.9	2.8	-	2.3	2.3	2.4	2.3	-
Mineral wool	3296	22.3	22.3	22.7	23.2	-	-	-	-	-	-
Primary metal industries	33	676.5	678.7	681.9	687.0	692.6	515.0	517.7	522.9	528.6	534.7
Blast furnaces and basic steel products	331	238.1	237.8	234.9	233.0	233.2	181.5	181.4	178.5	177.6	177.7
Blast furnaces and steel mills	3312	173.8	173.4	170.1	169.0	-	133.6	133.5	130.0	129.7	-
Steel pipe and tubes	3317	25.7	25.6	25.8	25.2	-	18.7	18.6	19.2	18.7	-
Iron and steel foundries	332	118.0	119.3	121.9	124.5	-	93.8	95.4	98.5	100.5	-
Gray and ductile iron foundries	3321	75.1	76.2	75.2	77.8	-	60.2	61.4	61.4	63.4	-
Malleable iron foundries	3322	5.4	5.2	5.8	5.8	-	4.2	4.2	4.4	4.4	-
Steel foundries, nec	3325	24.1	24.5	26.1	26.1	-	19.0	19.4	21.0	20.9	-
Primary nonferrous metals	333	41.6	41.2	39.6	40.0	-	31.5	31.2	29.8	30.2	-
Primary aluminum	3334	23.6	23.4	22.3	22.4	-	18.4	18.3	17.4	17.4	-
Nonferrous rolling and drawing	335	160.2	161.2	161.9	163.8	-	116.6	117.3	119.8	122.1	-
Copper rolling and drawing	3351	21.6	21.8	22.2	22.2	-	16.5	16.5	17.0	17.1	-
Aluminum sheet, plate, and foil	3353	24.1	24.1	22.8	22.7	-	15.8	16.0	16.0	16.0	-
Nonferrous wire drawing and insulating	3357	68.1	68.5	70.3	72.0	-	49.9	50.1	51.6	53.4	-
Nonferrous foundries (castings)	336	77.3	77.8	81.5	83.5	-	61.8	62.5	65.6	67.6	-
Aluminum foundries	3365	21.9	22.2	23.1	24.2	-	17.4	17.9	18.6	19.7	-
Fabricated metal products	34	1,328.6	1,337.1	1,356.8	1,375.8	1,384.8	981.1	991.5	1,010.0	1,028.4	1,038.1
Metal cans and shipping containers	341	42.0	41.5	41.4	41.2	-	36.3	35.9	35.3	35.1	-
Metal cans	3411	34.0	33.6	33.5	33.4	-	29.8	29.4	29.0	28.9	-
Cutlery, handtools, and hardware	342	122.7	123.6	126.9	127.9	-	91.2	92.3	95.3	96.3	-
Hand and edge tools, and blades and handsaws	3423.5	41.9	42.2	42.7	43.6	-	31.5	32.0	32.7	33.6	-
Hardware, nec	3429	69.0	69.7	72.2	72.1	-	51.7	52.4	54.4	54.4	-
Plumbing and heating, except electric	343	56.1	56.7	58.6	59.7	-	40.1	41.0	42.3	43.4	-
Plumbing fixture fittings and trim	3432	23.7	23.8	24.7	24.7	-	17.6	17.8	18.6	18.5	-
Heating equipment, except electric	3433	19.4	19.7	20.6	21.4	-	12.8	13.1	13.7	14.5	-
Fabricated structural metal products	344	396.6	398.4	407.2	409.0	-	282.6	285.3	294.7	296.6	-
Fabricated structural metal	3441	67.7	67.9	68.3	68.8	-	48.1	48.4	49.6	49.9	-
Metal doors, sash, and trim	3442	72.7	72.6	76.7	76.9	-	53.4	53.4	57.0	57.4	-
Fabricated plate work (boiler shops)	3443	96.4	97.3	94.2	94.9	-	65.4	66.5	65.7	66.4	-
Sheet metal work	3444	98.1	98.6	103.0	103.0	-	74.0	74.5	78.2	78.4	-
Architectural metal work	3446	25.5	25.6	26.6	26.5	-	17.9	18.2	18.8	18.8	-
Screw machine products, bolts, etc	345	90.9	91.4	94.3	95.4	-	69.8	70.1	73.2	74.0	-
Screw machine products	3451	45.3	46.1	48.1	48.6	-	36.9	37.4	38.9	39.3	-
Bolts, nuts, rivets, and washers	3452	45.6	45.3	46.2	46.8	-	32.9	32.7	34.3	34.7	-
Metal forgings and stampings	346	216.7	220.5	218.1	228.2	-	172.2	176.2	172.4	182.2	-
Iron and steel forgings	3462	28.1	28.7	29.0	29.4	-	21.3	21.9	22.3	22.6	-
Automotive stampings	3465	98.4	100.8	96.4	103.1	-	83.0	85.3	80.0	86.5	-
Metal stampings, nec	3469	79.1	80.0	81.7	84.7	-	59.9	61.1	62.2	65.1	-

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 ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^p	Sept. 1994 ^p	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^p	Sept. 1994 ^p
Durable goods—Continued											
Fabricated metal products—Continued											
Metal services, nec	347	115.9	116.6	118.9	120.3	-	90.2	90.9	93.0	94.2	-
Plating and polishing	3471	72.6	72.9	73.4	74.5	-	56.4	56.8	57.1	58.0	-
Metal coating and allied services	3479	43.3	43.7	45.5	45.8	-	33.8	34.1	35.9	36.2	-
Ordnance and accessories, nec	348	57.3	57.5	54.0	53.4	-	31.9	32.3	29.7	29.6	-
Ammunition, except for small arms, nec	3483	34.2	34.0	31.0	30.6	-	16.6	16.6	14.1	14.1	-
Miscellaneous fabricated metal products	349	230.4	230.9	237.4	240.5	-	166.8	167.5	174.1	177.0	-
Valves and pipe fittings, nec	3494	24.6	24.5	24.3	24.7	-	18.3	18.2	17.9	18.3	-
Misc. fabricated wire products	3496	54.0	54.1	55.1	55.6	-	41.0	41.2	42.2	42.7	-
Industrial machinery and equipment	35	1,902.0	1,910.1	1,936.6	1,941.8	1,950.5	1,147.2	1,159.6	1,199.1	1,206.1	1,216.7
Engines and turbines	351	86.4	87.4	86.8	86.4	-	53.6	54.6	55.3	55.0	-
Turbines and turbine generator sets	3511	27.8	28.2	27.9	28.4	-	16.1	16.3	16.3	16.5	-
Internal combustion engines, nec	3519	58.6	59.2	58.9	58.0	-	37.5	38.3	39.0	38.5	-
Farm and garden machinery	352	94.7	96.9	101.8	100.5	-	67.7	70.1	74.7	72.8	-
Farm machinery and equipment	3523	72.1	72.9	76.6	74.5	-	50.5	51.5	55.1	52.6	-
Construction and related machinery	353	209.1	210.0	205.3	205.6	-	127.1	128.7	129.0	130.0	-
Construction machinery	3531	77.7	78.1	71.7	72.3	-	47.0	48.0	47.0	47.6	-
Mining machinery	3532	14.7	14.7	14.6	14.9	-	8.6	8.6	8.5	8.8	-
Oil and gas field machinery	3533	38.2	38.7	37.1	36.7	-	24.8	25.3	24.5	24.4	-
Conveyors and conveying equipment	3535	35.7	35.7	37.8	37.6	-	20.0	20.1	20.9	21.1	-
Industrial trucks and tractors	3537	26.2	26.4	28.1	28.3	-	17.3	17.3	18.7	18.8	-
Metalworking machinery	354	305.6	307.0	316.2	318.0	-	213.5	215.2	222.6	224.1	-
Machine tools, metal cutting types	3541	36.4	36.4	37.5	37.8	-	21.8	22.1	23.1	23.2	-
Machine tools, metal forming types	3542	15.4	15.3	15.9	15.9	-	9.6	9.5	10.1	10.0	-
Special dies, tools, jigs, and fixtures	3544	143.0	143.8	148.1	148.8	-	108.7	109.5	112.4	113.1	-
Machine tool accessories	3545	48.2	48.4	50.0	50.3	-	33.1	33.4	34.9	35.3	-
Power driven handtools	3546	23.7	23.8	23.7	24.0	-	16.0	16.0	15.9	16.0	-
Special industry machinery	355	148.3	148.5	151.8	152.8	-	84.2	84.4	87.7	88.0	-
Textile machinery	3552	15.6	15.5	15.0	15.0	-	10.4	10.4	9.8	9.8	-
Printing trades machinery	3555	20.8	20.7	20.4	20.5	-	10.7	10.6	10.7	10.6	-
Food products machinery	3556	22.6	22.7	23.5	23.5	-	13.4	13.4	14.5	14.4	-
General industrial machinery	356	234.6	235.3	238.8	240.0	-	147.9	148.5	151.7	152.6	-
Pumps and pumping equipment	3561	30.5	30.3	29.8	30.3	-	16.8	16.7	16.4	16.8	-
Ball and roller bearings	3562	36.7	36.8	36.4	36.5	-	28.9	29.0	28.8	28.9	-
Air and gas compressors	3563	23.8	24.8	26.7	26.2	-	12.2	12.8	14.7	14.5	-
Blowers and fans	3564	32.6	32.7	33.2	33.5	-	22.0	22.1	22.4	22.6	-
Speed changers, drives, and gears	3566	15.7	15.6	15.2	15.3	-	11.0	10.9	10.5	10.5	-
Power transmission equipment, nec	3568	19.0	18.9	19.5	20.0	-	12.6	12.6	13.0	13.4	-
Computer and office equipment	357	353.8	350.1	341.5	336.7	-	116.3	115.3	118.9	117.0	-
Electronic computers	3571	208.7	205.3	197.0	193.2	-	53.8	53.2	56.4	55.3	-
Computer terminals, calculators, and office machines, nec	3575,8,9	52.4	52.9	53.0	52.2	-	21.7	22.0	20.2	19.9	-
Refrigeration and service machinery	358	173.9	178.0	188.2	195.8	-	120.8	125.5	133.0	140.6	-
Refrigeration and heating equipment	3585	117.3	120.7	128.5	134.9	-	85.1	89.1	95.0	101.5	-
Misc. industrial and commercial machinery	359	295.6	296.9	306.2	306.0	-	216.1	217.3	226.2	226.0	-
Carburetors, pistons, rings, valves	3592	20.3	20.5	21.8	21.0	-	16.4	16.6	18.1	17.4	-
Scales, balances, and industrial machinery, nec	3596,9	232.8	233.9	240.8	241.2	-	175.2	176.2	182.3	182.6	-
Electronic and other electrical equipment	36	1,514.8	1,518.3	1,544.9	1,560.6	1,567.5	963.0	969.9	989.4	1,004.9	1,011.3
Electric distribution equipment	361	80.7	80.0	79.8	80.5	-	55.7	55.0	56.4	57.0	-
Transformers, except electronic	3612	40.8	40.4	39.3	39.9	-	28.8	28.5	29.1	29.6	-
Switchgear and switchboard apparatus	3613	39.9	39.6	40.5	40.6	-	26.9	26.5	27.3	27.4	-
Electrical industrial apparatus	362	152.7	154.4	159.0	159.8	-	106.1	107.6	111.5	112.8	-
Motors and generators	3621	74.2	76.4	78.8	79.4	-	56.9	58.7	61.3	62.2	-
Relays and industrial controls	3625	59.7	59.3	60.5	60.7	-	35.8	35.4	35.9	36.2	-
Household appliances	363	118.2	119.9	123.9	122.9	-	94.3	96.4	101.3	100.4	-
Household refrigerators and freezers	3632	28.7	29.1	32.7	30.4	-	24.8	25.3	29.1	26.9	-
Household laundry equipment	3633	16.1	16.0	17.9	18.0	-	12.6	12.5	15.2	15.2	-
Electric housewares and fans	3634	28.6	29.7	27.6	29.0	-	22.6	23.6	21.5	22.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Durable goods—Continued											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment	364	170.4	171.8	175.2	178.9	-	122.6	124.9	124.9	128.5	-
Electric lamps	3641	21.4	21.7	21.2	22.4	-	16.8	17.2	15.7	16.8	-
Current-carrying wiring devices	3643	60.9	61.3	63.0	63.8	-	40.5	40.9	42.1	42.7	-
Noncurrent-carrying wiring devices	3644	18.9	19.1	19.4	19.7	-	13.6	14.0	14.4	14.8	-
Residential lighting fixtures	3645	18.8	18.8	18.7	19.8	-	14.0	14.3	13.7	14.7	-
Household audio and video equipment	365	82.9	83.8	86.1	87.5	-	54.6	55.5	57.4	58.9	-
Household audio and video equipment	3651	60.0	60.3	61.0	61.7	-	38.0	38.4	38.8	39.5	-
Communications equipment	366	235.0	235.0	234.3	235.4	-	119.2	119.4	118.7	120.3	-
Telephone and telegraph apparatus	3661	108.0	108.0	106.8	107.3	-	59.0	59.1	57.9	58.6	-
Electronic components and accessories	367	523.1	521.8	536.4	540.7	-	304.5	304.7	315.1	317.2	-
Electron tubes	3671	24.4	24.2	24.8	24.8	-	16.3	16.2	16.4	16.4	-
Semiconductors and related devices	3674	214.2	214.3	224.5	225.9	-	89.9	90.4	97.6	97.7	-
Electronic components, nec	3679	125.4	125.4	126.9	127.4	-	81.5	81.9	82.9	83.4	-
Misc. electrical equipment and supplies	369	151.8	151.6	150.2	154.9	-	106.0	106.4	104.1	109.8	-
Storage batteries	3691	25.8	26.1	24.9	26.2	-	19.9	20.2	19.0	20.5	-
Engine electrical equipment	3694	65.9	65.9	66.2	69.0	-	50.9	51.0	50.5	53.6	-
Transportation equipment	37	1,721.9	1,734.8	1,698.2	1,713.0	1,731.6	1,092.0	1,107.3	1,103.4	1,115.6	1,128.6
Motor vehicles and equipment	371	823.1	837.8	864.3	880.4	899.1	628.4	641.5	665.2	678.9	689.6
Motor vehicles and car bodies	3711	312.2	321.9	324.8	331.1	-	222.0	229.7	232.8	236.6	-
Truck and bus bodies	3713	35.9	35.5	38.2	37.1	-	28.5	28.3	30.7	29.8	-
Motor vehicle parts and accessories	3714	426.4	431.8	451.8	462.0	-	339.1	344.6	361.8	371.7	-
Truck trailers	3715	30.2	30.5	30.4	31.3	-	24.2	24.7	24.5	25.6	-
Aircraft and parts	372	527.8	528.5	472.7	469.8	468.7	242.6	244.9	216.4	214.7	-
Aircraft	3721	297.3	295.0	267.2	265.7	-	119.9	119.2	106.1	105.0	-
Aircraft engines and engine parts	3724	104.9	107.8	93.9	92.9	-	50.9	52.9	45.9	45.4	-
Aircraft parts and equipment, nec	3728	125.6	125.7	111.6	111.2	-	71.8	72.8	64.4	64.3	-
Ship and boat building and repairing	373	156.2	155.2	159.5	157.1	-	121.4	121.0	123.0	120.4	-
Ship building and repairing	3731	110.5	109.1	107.5	105.0	-	83.9	83.3	79.2	76.5	-
Boat building and repairing	3732	45.7	46.1	52.0	52.1	-	37.5	37.7	43.8	43.9	-
Railroad equipment	374	30.0	29.9	32.2	32.1	-	22.1	22.2	23.9	23.9	-
Guided missiles, space vehicles, and parts	376	121.1	119.8	106.3	106.4	-	33.8	33.7	30.1	29.7	-
Guided missiles and space vehicles	3761	87.2	86.0	75.2	75.1	-	22.4	22.4	19.1	18.9	-
Miscellaneous transportation equipment	379	46.2	46.1	47.0	49.3	-	30.8	31.0	32.8	35.0	-
Travel trailers and campers	3792	18.9	19.0	21.4	21.4	-	15.3	15.4	17.7	17.7	-
Instruments and related products	38	887.5	882.8	849.3	851.2	849.1	433.0	430.9	415.0	416.3	415.2
Search and navigation equipment	381	201.5	200.1	177.0	178.0	-	63.4	63.2	53.5	53.8	-
Measuring and controlling devices	382	279.4	277.6	276.0	276.0	-	143.2	141.8	140.8	140.8	-
Environmental controls	3822	42.6	41.6	43.0	43.4	-	28.0	27.2	28.1	28.4	-
Process control instruments	3823	59.1	59.2	58.5	58.4	-	28.0	28.0	27.7	27.5	-
Instruments to measure electricity	3825	71.6	70.9	69.2	69.4	-	34.1	33.6	32.1	32.3	-
Medical instruments and supplies	384	269.2	268.4	265.2	264.6	-	154.9	154.6	152.5	152.4	-
Surgical and medical instruments	3841	111.7	111.3	109.8	108.9	-	66.4	66.4	66.0	65.7	-
Surgical appliances and supplies	3842	95.6	95.2	94.5	94.7	-	60.9	60.4	59.6	59.6	-
Ophthalmic goods	385	39.0	38.8	37.8	37.5	-	26.4	26.4	24.7	24.4	-
Photographic equipment and supplies	386	89.9	89.4	85.0	86.5	-	38.3	38.3	36.8	37.9	-
Watches, clocks, watchcases, and parts	387	8.5	8.5	8.3	8.6	-	6.8	6.6	6.7	7.0	-
Miscellaneous manufacturing industries	39	375.7	379.7	374.9	360.7	383.4	288.9	272.7	266.2	272.0	274.5
Jewelry, silverware, and plated ware	391	50.7	51.2	49.2	50.5	-	35.9	36.6	33.9	35.2	-
Jewelry, precious metal	3911	37.4	38.0	37.0	37.9	-	26.4	27.1	25.5	26.2	-
Musical instruments	393	13.2	13.0	13.3	13.5	-	10.7	10.5	10.7	11.1	-
Toys and sporting goods	394	107.6	110.0	109.0	110.5	-	76.5	78.9	77.2	78.8	-
Dolls, games, toys, and children's vehicles	3942.4	43.4	44.4	41.0	42.9	-	30.3	30.9	27.0	28.7	-
Sporting and athletic goods, nec	3949	84.2	65.6	68.0	67.6	-	46.2	48.0	50.2	50.1	-
Pens, pencils, office, and art supplies	395	33.4	33.1	31.8	31.7	-	22.6	22.3	21.5	21.3	-
Costume jewelry and notions	396	30.0	30.2	28.2	29.9	-	22.3	22.6	20.5	21.8	-
Costume jewelry	3961	18.7	18.9	17.2	18.9	-	13.5	13.8	12.2	13.5	-
Miscellaneous manufactures	399	140.8	142.2	143.4	144.6	-	100.9	101.8	102.4	103.8	-
Signs and advertising specialties	3993	57.2	58.0	59.2	59.0	-	39.2	39.7	40.0	39.9	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Nondurable goods		7,935	7,914	7,810	7,910	7,891	5,571	5,560	5,469	5,570	5,558
Food and kindred products	20	1,763.4	1,750.2	1,704.7	1,751.3	1,739.3	1,308.7	1,297.5	1,253.8	1,304.2	1,293.2
Meat products	201	444.4	445.8	445.6	447.2	-	378.6	379.8	378.4	380.2	-
Meat packing plants	2011	136.5	137.9	133.3	133.8	-	115.4	116.2	112.7	113.2	-
Sausages and other prepared meats	2013	90.0	89.8	90.8	91.1	-	69.1	69.1	69.7	70.0	-
Poultry slaughtering and processing	2015	217.9	218.1	221.5	222.3	-	194.1	194.5	196.0	197.0	-
Dairy products	202	156.6	154.1	154.8	154.6	-	99.7	97.4	99.4	99.3	-
Cheese, natural and processed	2022	41.2	40.9	40.9	41.3	-	33.2	33.0	33.5	34.0	-
Fluid milk	2026	70.1	70.2	68.4	68.5	-	37.0	36.8	36.5	36.5	-
Preserved fruits and vegetables	203	316.3	302.6	280.3	317.6	-	273.8	262.4	237.2	275.3	-
Canned specialties	2032	25.1	26.0	22.7	24.0	-	21.1	22.1	18.8	20.2	-
Canned fruits and vegetables	2033	135.7	124.7	111.8	138.2	-	120.5	111.2	96.3	123.2	-
Frozen fruits and vegetables	2037	58.4	57.0	53.3	59.5	-	52.2	50.9	47.0	53.4	-
Grain mill products	204	128.5	129.8	124.2	123.3	-	92.2	93.1	88.0	89.0	-
Flour and other grain mill products	2041	20.6	20.9	19.5	19.5	-	14.0	14.4	13.2	13.2	-
Prepared feeds, nec	2048	41.6	41.8	41.2	41.2	-	26.5	26.8	25.8	25.8	-
Bakery products	205	211.2	212.3	210.4	211.1	-	136.8	137.6	137.6	138.9	-
Bread, cake, and related products	2051	150.2	150.8	150.1	150.0	-	90.0	90.2	90.7	91.1	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	61.0	61.5	60.3	61.1	-	46.8	47.4	46.9	47.8	-
Sugar and confectionery products	206	101.9	107.8	94.0	100.3	-	78.8	85.2	71.5	77.8	-
Raw cane sugar	2061	5.8	6.1	5.1	6.5	-	4.6	4.9	3.8	5.1	-
Cane sugar refining	2062	5.0	4.9	4.6	4.6	-	3.6	3.6	3.3	3.3	-
Beet sugar	2063	8.5	11.6	8.3	8.5	-	7.3	10.4	6.9	7.2	-
Candy and other confectionery products	2064	53.8	55.2	49.4	53.7	-	42.8	44.3	38.6	42.8	-
Fats and oils	207	31.7	31.7	31.2	31.3	-	21.0	21.1	20.8	20.8	-
Beverages	208	181.5	181.4	180.4	180.1	-	83.2	83.3	85.7	85.6	-
Malt beverages	2082	40.2	39.3	37.8	38.1	-	24.7	24.1	25.1	25.3	-
Bottled and canned soft drinks	2086	96.9	95.8	98.9	98.6	-	36.9	36.3	39.1	39.0	-
Misc. food and kindred products	209	191.3	184.7	183.8	185.8	-	144.6	137.6	135.2	137.3	-
Tobacco products	21	42.1	43.9	35.4	40.2	40.7	31.3	33.4	26.5	31.2	32.1
Cigarettes	211	29.2	28.7	26.8	26.6	-	21.9	21.6	20.9	20.9	-
Textile mill products	22	675.7	677.7	667.7	674.9	673.3	574.4	576.9	566.0	572.6	571.7
Broadwoven fabric mills, cotton	221	83.5	84.9	83.1	83.7	-	73.8	75.3	73.2	73.9	-
Broadwoven fabric mills, synthetics	222	70.1	70.0	69.2	69.8	-	59.0	59.2	58.6	59.0	-
Broadwoven fabric mills, wool	223	17.3	17.2	17.6	17.5	-	14.7	14.6	15.0	14.8	-
Narrow fabric mills	224	21.9	22.0	22.0	22.7	-	18.4	18.5	18.4	19.1	-
Knitting mills	225	203.6	203.1	194.4	196.3	-	175.9	175.6	167.4	169.5	-
Women's hosiery, except socks	2251	28.0	27.4	24.9	24.8	-	24.5	24.1	21.7	21.6	-
Hosiery, nec	2252	39.3	39.3	39.8	39.9	-	35.3	35.3	35.5	35.4	-
Knit outerwear mills	2253	60.8	60.4	57.0	57.1	-	52.7	52.3	48.9	49.2	-
Knit underwear mills	2254	26.4	26.3	23.1	24.6	-	22.8	22.8	20.2	21.7	-
Weft knit fabric mills	2257	27.1	27.7	27.4	27.8	-	22.9	23.3	23.0	23.6	-
Textile finishing, except wool	226	71.2	71.7	70.2	72.9	-	58.3	58.8	57.5	59.8	-
Finishing plants, cotton	2261	32.5	32.6	32.4	33.4	-	27.0	27.2	26.9	27.6	-
Finishing plants, synthetics	2262	24.5	24.5	23.3	24.6	-	19.5	19.5	18.5	19.7	-
Carpets and rugs	227	59.8	60.3	64.0	64.1	-	47.9	48.4	51.0	50.8	-
Yarn and thread mills	228	96.8	96.7	95.0	95.2	-	86.7	86.4	84.5	84.8	-
Yarn spinning mills	2281	75.9	75.8	73.8	73.4	-	68.4	68.3	66.4	66.2	-
Throwing and winding mills	2282	14.1	14.0	14.1	14.5	-	12.3	12.1	12.1	12.5	-
Miscellaneous textile goods	229	51.5	51.8	52.2	52.7	-	39.7	40.1	40.4	40.9	-
Apparel and other textile products	23	983.1	983.5	935.5	960.8	965.9	823.3	824.7	779.5	803.5	808.2
Men's and boys' suits and coats	231	41.4	42.4	38.4	40.0	-	34.3	35.4	31.7	33.1	-
Men's and boys' furnishings	232	274.9	273.2	258.7	263.5	-	237.2	236.4	222.9	227.4	-
Men's and boys' shirts	2321	65.4	64.3	59.1	60.5	-	56.3	55.6	50.5	51.7	-
Men's and boys' trousers and slacks	2325	82.1	81.7	78.0	78.7	-	71.8	71.7	67.5	68.4	-
Men's and boys' work clothing	2326	42.3	42.3	40.3	41.1	-	37.0	37.0	35.1	36.0	-
Women's and misses' outerwear	233	299.4	298.7	276.3	286.7	-	249.8	248.8	228.5	237.8	-
Women's and misses' blouses and shirts	2331	31.5	31.2	28.6	29.9	-	25.7	25.2	23.0	24.0	-
Women's, juniors', and misses' dresses	2335	51.5	50.9	44.5	46.8	-	41.2	40.5	35.1	37.0	-
Women's and misses' suits and coats	2337	37.5	37.4	30.0	32.4	-	31.4	31.2	24.1	26.5	-
Women's and misses' outerwear, nec	2339	178.9	179.2	173.2	177.6	-	151.5	151.9	146.3	150.3	-

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 ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	53.5	53.8	52.6	53.6	-	44.0	44.5	43.7	44.6	-
Women's and children's underwear	2341	41.8	42.0	40.6	41.4	-	35.8	36.1	35.1	35.9	-
Brassieres, girdles, and allied garments	2342	11.7	11.8	12.0	12.2	-	8.2	8.4	8.6	8.7	-
Girls' and children's outerwear	236	48.7	48.5	45.1	45.2	-	41.3	41.0	38.1	38.4	-
Girls' and children's dresses and blouses	2361	20.4	20.2	19.0	18.6	-	17.3	17.2	16.0	15.8	-
Misc. apparel and accessories	238	42.3	41.9	38.8	40.3	-	34.5	34.2	31.2	32.8	-
Misc. fabricated textile fiber products	239	201.9	204.0	204.2	210.1	-	164.7	167.0	165.6	171.6	-
Curtains and draperies	2391	21.3	21.4	21.2	22.1	-	17.0	17.1	16.9	17.3	-
House furnishings, nec	2392	50.3	51.0	50.0	51.5	-	42.8	43.5	42.3	43.8	-
Automotive and apparel trimmings	2396	50.5	51.7	52.8	54.5	-	40.8	41.9	42.4	44.5	-
Paper and allied products	26	692.5	690.5	688.1	687.5	683.6	523.2	521.1	521.7	522.5	518.9
Paper mills	262	171.5	170.3	168.8	167.6	-	130.8	129.7	129.5	129.1	-
Paperboard mills	263	51.4	51.2	50.1	49.9	-	39.4	39.3	38.7	38.4	-
Paperboard containers and boxes	265	212.6	213.1	212.9	213.6	-	166.6	166.9	166.4	167.5	-
Corrugated and solid fiber boxes	2653	122.7	123.6	126.1	126.2	-	92.8	93.6	95.1	95.7	-
Sanitary food containers	2656	17.0	16.7	16.8	16.2	-	15.0	14.6	14.9	14.3	-
Folding paperboard boxes	2657	49.0	46.7	47.6	48.4	-	39.7	39.4	38.7	39.4	-
Misc. converted paper products	267	243.8	242.5	243.3	243.5	-	176.4	174.9	177.1	177.6	-
Paper, coated and laminated, nec	2672	46.5	46.1	46.5	46.6	-	22.7	22.2	22.6	22.5	-
Bags: plastics, laminated, and coated	2673	37.6	37.5	38.1	38.4	-	28.1	28.1	28.6	29.1	-
Envelopes	2677	23.6	23.7	23.2	23.3	-	18.2	18.4	17.9	18.1	-
Printing and publishing	27	1,512.6	1,510.9	1,528.4	1,532.3	1,530.5	835.5	833.4	837.4	840.0	836.8
Newspapers	271	452.8	451.9	453.2	454.4	-	157.9	157.7	155.4	156.3	-
Periodicals	272	127.6	127.8	129.9	130.6	-	43.6	43.8	42.2	43.0	-
Books	273	119.2	117.7	124.6	123.0	-	64.1	61.8	66.7	65.3	-
Book publishing	2731	82.1	81.1	86.0	84.7	-	33.9	32.3	35.7	34.1	-
Book printing	2732	37.1	36.6	38.6	38.3	-	30.2	29.5	31.0	31.2	-
Miscellaneous publishing	274	79.7	78.7	79.5	79.2	-	37.9	37.7	37.7	37.4	-
Commercial printing	275	535.1	536.1	545.6	548.4	-	388.3	388.3	394.5	396.2	-
Commercial printing, lithographic	2752	348.3	349.4	355.0	356.4	-	251.3	251.8	254.9	255.8	-
Commercial printing, nec	2759	166.8	166.6	170.6	171.6	-	120.7	120.1	123.4	123.8	-
Manifold business forms	276	46.3	46.3	44.7	44.6	-	32.8	32.9	31.7	31.6	-
Blankbooks and bookbinding	278	68.3	68.6	69.5	70.1	-	52.2	52.2	53.7	54.1	-
Printing trade services	279	56.1	56.2	54.5	54.9	-	40.9	41.1	39.4	39.8	-
Chemicals and allied products	28	1,084.5	1,078.4	1,058.4	1,056.5	1,051.4	576.1	574.5	574.9	575.1	575.1
Industrial inorganic chemicals	281	135.2	134.2	130.9	130.7	-	58.4	58.0	55.8	55.9	-
Industrial inorganic chemicals, nec	2819	87.3	86.5	84.2	84.0	-	39.3	38.9	36.4	36.5	-
Plastics materials and synthetics	282	166.4	165.9	159.3	158.9	-	105.8	106.5	105.7	105.9	-
Plastics materials and resins	2821	81.0	80.5	80.0	79.9	-	50.7	50.5	51.2	50.9	-
Organic fibers, noncellulosic	2824	57.1	57.1	52.0	51.7	-	35.9	36.7	36.6	36.9	-
Drugs	283	266.8	266.0	265.5	265.1	-	117.4	117.3	122.0	121.6	-
Pharmaceutical preparations	2834	218.4	217.9	217.0	216.4	-	97.5	97.7	102.1	102.1	-
Soap, cleaners, and toilet goods	284	158.4	158.2	154.7	154.7	-	98.4	98.5	96.4	96.6	-
Soap and other detergents	2841	44.7	44.6	42.5	42.3	-	27.3	26.9	24.6	24.6	-
Polishing, sanitation, and finishing preparations	2842,3	43.6	43.4	44.8	44.9	-	25.5	25.3	26.7	26.7	-
Toilet preparations	2844	70.1	70.2	67.4	67.5	-	45.6	46.3	45.1	45.3	-
Paints and allied products	285	59.0	58.0	58.9	58.8	-	31.2	30.7	31.0	31.0	-
Industrial organic chemicals	286	151.3	149.2	144.2	143.5	-	79.5	79.2	79.4	79.4	-
Cyclic crudes and intermediates	2865	26.2	26.0	25.8	25.9	-	15.0	14.9	14.8	14.9	-
Industrial organic chemicals, nec	2869	122.3	120.4	115.7	115.0	-	62.5	62.3	62.6	62.5	-
Agricultural chemicals	287	55.9	55.6	55.7	55.2	-	31.9	31.6	31.8	31.5	-
Miscellaneous chemical products	289	91.5	91.3	89.2	89.6	-	53.5	52.7	52.8	53.2	-
Petroleum and coal products	29	153.8	152.6	150.8	150.8	148.8	101.0	100.1	98.7	98.6	96.6
Petroleum refining	291	112.7	111.4	109.3	109.6	-	72.3	71.5	70.1	70.0	-
Asphalt paving and roofing materials	295	28.6	28.7	29.0	28.8	-	22.2	22.2	22.1	22.1	-
Rubber and misc. plastics products	30	908.0	908.2	930.8	939.6	942.2	702.7	703.4	722.9	730.2	734.7
Tires and inner tubes	301	81.5	80.9	79.4	76.3	-	59.9	59.3	57.6	53.9	-
Rubber and plastics footwear	302	10.6	10.1	10.8	11.6	-	8.7	8.4	9.0	9.7	-
Hose, belting, gaskets, and packing	305	60.3	60.5	63.8	64.0	-	45.1	45.5	48.8	49.0	-
Rubber and plastics hose and belting	3052	23.6	23.8	25.1	25.3	-	18.2	18.5	19.7	19.9	-
Fabricated rubber products, nec	306	102.8	103.1	104.1	105.3	-	77.9	78.1	79.9	80.9	-
Miscellaneous plastics products, nec	308	652.8	653.6	672.7	682.4	-	511.1	512.1	527.6	536.7	-

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 ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Nondurable goods—Continued											
Leather and leather products	31	119.1	118.4	110.6	115.6	115.1	95.0	94.7	87.6	92.1	90.9
Leather tanning and finishing	311	15.5	15.6	14.0	14.8	-	12.8	12.9	11.6	12.3	-
Footwear, except rubber	314	64.0	63.7	58.0	61.1	-	52.6	52.5	47.5	50.1	-
Men's footwear, except athletic	3143	31.4	31.5	28.8	29.0	-	24.4	24.4	22.6	22.5	-
Women's footwear, except athletic	3144	21.8	21.6	18.6	20.2	-	18.8	18.7	15.5	17.1	-
Luggage	318	10.6	10.6	10.2	10.6	-	7.7	7.7	7.7	8.1	-
Handbags and personal leather goods	317	12.6	12.4	12.3	12.6	-	8.9	8.9	8.4	8.7	-
Transportation and public utilities		5,780	5,833	5,853	5,853	5,932	4,835	4,885	4,899	4,894	4,955
Transportation		3,565	3,636	3,666	3,662	3,755	-	-	-	-	-
Railroad transportation	40	249.2	251.7	248.3	246.7	251.5	-	-	-	-	-
Class I railroads ²	4011	217.0	219.2	215.7	214.3	-	-	-	-	-	-
Local and interurban passenger transit	41	316.5	383.2	329.7	330.0	411.8	285.7	351.1	298.2	298.2	-
Local and suburban transportation	411	170.7	172.1	177.8	178.3	-	155.2	156.6	181.2	161.8	-
Taxicabs	412	29.1	29.4	29.9	30.0	-	-	-	-	-	-
Intercity and rural bus transportation	413	22.1	22.9	22.6	23.0	-	19.5	20.4	20.2	20.4	-
School buses	415	68.8	129.5	71.9	71.4	-	-	-	-	-	-
Trucking and warehousing	42	1,713.2	1,718.4	1,787.9	1,792.9	1,801.6	1,485.3	1,490.4	1,554.4	1,558.7	-
Trucking and courier services, except air	421	1,584.1	1,586.2	1,653.8	1,657.3	-	1,378.0	1,380.0	1,441.8	1,444.6	-
Public warehousing and storage	422	124.8	128.0	129.6	131.0	-	103.5	106.7	108.6	110.0	-
Water transportation	44	170.2	168.9	177.5	170.2	169.9	-	-	-	-	-
Water transportation of freight, nec	444	12.7	12.8	11.7	11.9	-	-	-	-	-	-
Water transportation services	449	107.9	108.1	117.2	110.3	-	95.5	95.7	105.1	98.1	-
Transportation by air	45	741.1	739.3	735.7	734.6	730.8	-	-	-	-	-
Air transportation, scheduled	451	609.9	608.5	605.1	605.7	-	-	-	-	-	-
Air transportation, scheduled	4512	501.8	499.6	487.3	486.8	-	-	-	-	-	-
Airports, flying fields, and services	458	99.4	99.3	98.4	96.8	-	-	-	-	-	-
Pipelines, except natural gas	46	18.5	18.2	17.8	17.8	17.2	14.4	14.1	13.9	13.8	-
Transportation services	47	356.4	356.2	369.3	370.0	371.7	279.3	279.6	291.9	293.2	-
Passenger transportation arrangement	472	185.3	185.8	195.5	194.9	-	144.9	148.1	156.3	156.1	-
Travel agencies	4724	150.2	150.9	159.0	158.3	-	116.6	117.6	126.1	125.9	-
Freight transportation arrangement	473	136.7	136.2	140.7	141.1	-	105.9	105.1	108.7	109.3	-
Communications and public utilities		2,215	2,197	2,187	2,191	2,177	-	-	-	-	-
Communications	48	1,260.7	1,254.6	1,258.9	1,265.3	1,261.0	960.2	973.2	968.0	971.7	-
Telephone communications	481	871.4	865.8	881.7	866.7	-	859.3	853.2	842.4	844.9	-
Telephone communications, except radio	4813	809.1	802.9	788.6	792.6	-	613.3	606.7	587.4	590.2	-
Radio and television broadcasting	483	230.0	229.1	232.5	234.0	-	192.6	191.5	194.8	195.9	-
Radio broadcasting stations	4832	113.7	112.8	113.1	113.1	-	-	-	-	-	-
Television broadcasting stations	4833	116.3	116.3	119.4	120.9	-	-	-	-	-	-
Cable and other pay television services	484	135.0	135.5	140.0	140.6	-	113.9	114.4	118.1	118.4	-
Electric, gas, and sanitary services	49	954.0	942.0	928.4	925.9	916.1	755.0	742.5	733.8	731.5	-
Electric services	491	432.0	426.0	419.5	418.3	-	340.0	333.5	327.4	327.0	-
Gas production and distribution	492	163.1	160.7	161.2	161.1	-	127.6	125.1	125.4	124.9	-
Combination utility services	493	191.2	189.2	182.5	181.9	-	145.3	143.3	140.8	140.2	-
Sanitary services	495	136.6	135.5	133.9	133.6	-	117.5	116.6	115.5	115.0	-
Wholesale trade		5,984	5,976	6,095	6,103	6,097	4,832	4,824	4,926	4,933	4,922
Durable goods	50	3,419	3,410	3,482	3,482	3,473	2,734	2,725	2,790	2,789	-
Motor vehicles, parts, and supplies	501	456.1	455.4	472.9	473.7	-	368.4	367.9	384.2	385.2	-
Automobiles and other motor vehicles	5012	112.9	112.7	118.0	118.5	-	-	-	-	-	-
Motor vehicle supplies and new parts	5013	272.0	272.1	262.4	262.1	-	-	-	-	-	-
Furniture and home furnishings	502	138.2	139.6	148.1	148.8	-	110.2	111.4	117.4	117.9	-
Furniture	5021	63.4	64.0	68.2	68.1	-	-	-	-	-	-
Home furnishings	5023	74.8	75.6	79.9	80.7	-	-	-	-	-	-

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 ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Wholesale trade—Continued											
Durable goods—Continued											
Lumber and other construction materials	503	222.2	221.4	235.5	237.0	-	181.4	180.7	193.9	195.0	-
Lumber, plywood, and millwork	5031	115.8	115.5	123.7	124.0	-	-	-	-	-	-
Construction materials, nec	5039	35.2	35.3	38.2	38.4	-	-	-	-	-	-
Professional and commercial equipment	504	744.9	742.8	736.1	734.0	-	603.6	600.7	589.4	587.2	-
Office equipment	5044	183.8	183.6	185.2	184.8	-	-	-	-	-	-
Computers, peripherals and software	5045	267.6	265.7	248.5	248.0	-	-	-	-	-	-
Medical and hospital equipment	5047	159.2	159.6	168.1	168.6	-	131.0	131.0	137.3	138.0	-
Metals and minerals, except petroleum	505	132.6	132.9	137.2	137.4	-	105.7	106.2	110.7	110.5	-
Electrical goods	506	445.0	443.0	447.2	448.0	-	346.7	345.0	349.8	350.0	-
Electrical apparatus and equipment	5063	193.6	193.9	196.6	198.1	-	-	-	-	-	-
Electrical appliances, television and radio sets	5064	48.8	48.3	47.3	47.4	-	-	-	-	-	-
Electronic parts and equipment	5065	202.6	200.8	203.3	202.5	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	268.7	268.1	278.3	278.5	-	215.4	214.9	225.3	225.6	-
Hardware	5072	93.3	93.1	96.6	96.3	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	107.7	107.6	111.1	111.6	-	-	-	-	-	-
Machinery, equipment, and supplies	508	721.9	715.6	722.1	719.8	-	569.8	563.6	572.9	570.7	-
Construction and mining machinery	5082	72.8	72.6	74.2	74.2	-	-	-	-	-	-
Farm and garden machinery	5083	113.1	110.9	114.9	113.6	-	-	-	-	-	-
Industrial machinery and equipment	5084	289.7	288.9	290.0	288.7	-	-	-	-	-	-
Industrial supplies	5085	136.8	135.9	136.4	136.5	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	289.3	291.5	304.9	305.0	-	232.4	234.6	246.5	246.7	-
Scrap and waste materials	5093	106.9	107.2	113.2	113.4	-	-	-	-	-	-
Nondurable goods											
Paper and paper products	511	246.8	246.4	259.0	262.5	2,624	2,098	2,099	2,136	2,144	-
Stationery and office supplies	5112	135.6	135.0	142.8	145.6	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	198.9	198.4	199.3	199.3	-	164.8	165.1	183.3	183.2	-
Apparel, piece goods, and notions	513	206.9	206.4	202.9	206.7	-	162.6	162.9	159.3	162.9	-
Groceries and related products	514	856.0	860.5	879.7	881.7	-	722.3	726.0	737.8	739.7	-
Groceries, general line	5141	276.5	276.2	282.5	283.3	-	-	-	-	-	-
Meats and meat products	5147	59.7	59.8	61.6	61.8	-	-	-	-	-	-
Fresh fruits and vegetables	5148	98.3	103.8	98.0	98.3	-	-	-	-	-	-
Farm-product raw materials	515	113.2	114.7	110.4	112.5	-	92.6	93.9	89.5	91.5	-
Chemicals and allied products	516	140.3	139.9	136.4	135.5	-	105.9	105.9	103.1	102.7	-
Petroleum and petroleum products	517	165.7	165.8	172.3	172.8	-	132.9	132.9	139.8	140.1	-
Petroleum bulk stations and terminals	5171	67.7	67.9	70.6	70.7	-	-	-	-	-	-
Petroleum products, nec	5172	98.0	97.9	101.7	102.1	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	151.4	150.1	155.3	154.7	-	123.8	122.6	126.7	126.3	-
Beer and ale	5181	99.1	98.1	102.7	102.3	-	-	-	-	-	-
Wine and distilled beverages	5182	52.3	52.0	52.6	52.4	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	486.1	484.1	497.2	495.4	-	392.7	390.6	403.6	402.2	-
Farm supplies	5191	157.9	155.9	164.1	159.9	-	-	-	-	-	-
Retail trade		19,954	19,899	20,529	20,601	20,550	17,596	17,526	18,059	18,129	18,067
Building materials and garden supplies	52	805.5	795.8	873.6	867.7	856.8	668.5	658.5	730.8	724.4	-
Lumber and other building materials	521	472.7	467.7	519.8	517.1	-	399.3	394.2	443.4	440.2	-
Paint, glass, and wallpaper stores	523	66.0	65.9	68.9	69.4	-	51.5	51.5	53.4	54.7	-
Hardware stores	525	156.3	154.1	160.7	161.0	-	128.5	126.6	132.7	132.7	-
Retail nurseries and garden stores	526	82.5	80.1	91.2	86.7	-	67.1	64.3	74.8	70.3	-
General merchandise stores	53	2,416.5	2,437.1	2,408.3	2,440.5	2,464.9	2,254.9	2,276.5	2,246.5	2,276.0	-
Department stores	531	2,079.6	2,101.3	2,087.5	2,118.8	-	1,956.3	1,977.9	1,962.9	1,991.8	-
Variety stores	533	151.4	151.2	134.8	134.8	-	135.8	136.2	119.5	119.3	-
Miscellaneous general merchandise stores	539	185.5	184.6	186.0	187.1	-	162.8	162.4	164.1	164.9	-
Food stores	54	3,227.8	3,214.7	3,266.0	3,265.8	3,246.0	2,943.3	2,929.5	2,972.0	2,971.4	-
Grocery stores	541	2,881.8	2,867.2	2,892.6	2,889.1	-	2,643.0	2,628.4	2,650.1	2,646.5	-
Meat and fish markets	542	47.4	47.8	51.5	53.0	-	-	-	-	-	-
Dairy products stores	545	17.6	16.8	18.9	19.3	-	-	-	-	-	-
Retail bakeries	546	164.6	166.7	176.3	177.1	-	147.3	148.9	155.8	156.7	-
Automotive dealers and service stations	55	2,058.7	2,055.9	2,176.8	2,190.0	2,188.7	1,716.0	1,711.7	1,815.8	1,827.1	-
New and used car dealers	551	922.8	927.5	983.6	987.4	-	770.2	773.6	820.5	824.7	-

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 ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^p	Sept. 1994 ^p	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^p	Sept. 1994 ^p
Retail trade—Continued											
Automotive dealers and service stations—Continued											
Auto and home supply stores	553	350.3	350.2	371.4	375.3	-	278.0	277.7	297.7	300.1	-
Gasoline service stations	554	626.4	620.9	636.7	641.1	-	540.4	535.1	549.4	553.2	-
Automotive dealers, nec	559	6.5	6.4	5.4	5.3	-	5.5	5.4	4.6	4.5	-
Apparel and accessory stores	56	1,152.0	1,136.2	1,140.1	1,145.6	1,130.7	947.2	929.5	929.6	936.5	-
Men's and boys' clothing stores	561	85.1	85.1	83.5	83.7	-	68.3	68.7	66.9	67.6	-
Women's clothing stores	562	357.7	356.3	349.6	347.4	-	290.7	287.7	281.6	279.7	-
Family clothing stores	565	318.1	309.5	323.6	328.8	-	274.2	265.2	274.8	280.0	-
Shoe stores	566	218.3	214.7	210.3	211.3	-	171.5	167.3	165.4	166.8	-
Furniture and home furnishings stores	57	824.1	830.2	888.9	897.2	904.0	669.1	673.2	719.1	725.4	-
Furniture and home furnishings stores	571	449.6	453.6	491.9	495.8	-	364.7	367.5	399.5	402.4	-
Furniture stores	5712	269.8	272.5	295.8	298.4	-	-	-	-	-	-
Household appliance stores	572	74.0	73.3	72.0	72.3	-	60.2	59.5	58.2	58.8	-
Radio, television, and computer stores	573	300.5	303.3	325.0	329.1	-	244.2	246.2	261.4	264.2	-
Radio, television, and electronic stores	5731	127.4	129.1	139.9	142.7	-	104.6	105.7	115.2	117.5	-
Record and prerecorded tape stores	5735	65.9	66.4	68.7	69.5	-	53.1	53.6	52.4	52.8	-
Eating and drinking places	58	7,044.3	6,999.6	7,300.3	7,311.7	7,260.3	6,386.8	6,335.5	6,598.3	6,610.7	-
Miscellaneous retail establishments	59	2,424.7	2,429.9	2,474.7	2,482.8	2,498.4	2,010.1	2,011.6	2,046.8	2,057.5	-
Drug stores and proprietary stores	591	588.0	586.5	588.3	589.0	-	491.0	489.0	490.3	490.8	-
Liquor stores	592	114.2	113.1	115.9	114.9	-	-	-	-	-	-
Used merchandise stores	593	87.2	87.3	92.2	91.9	-	72.5	72.4	76.6	76.2	-
Miscellaneous shopping goods stores	594	854.9	857.9	881.4	891.9	-	707.8	710.5	729.5	740.5	-
Sporting goods and bicycle shops	5941	163.9	164.1	179.3	182.2	-	-	-	-	-	-
Book stores	5942	99.0	107.7	98.4	102.4	-	-	-	-	-	-
Stationery stores	5943	70.6	70.5	72.7	72.7	-	-	-	-	-	-
Jewelry stores	5944	131.8	129.7	134.4	134.3	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	201.5	194.4	203.8	203.3	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	59.9	62.9	56.0	58.1	-	-	-	-	-	-
Nonstore retailers	596	274.1	276.9	263.5	266.7	-	231.8	232.9	220.3	224.8	-
Catalog and mail-order houses	5961	155.0	157.2	141.9	145.5	-	-	-	-	-	-
Merchandising machine operators	5962	70.1	71.1	71.6	72.1	-	-	-	-	-	-
Fuel dealers	598	94.6	95.9	95.7	96.5	-	78.8	79.5	78.4	79.2	-
Retail stores, nec	599	411.7	412.3	437.7	431.9	-	335.6	335.7	357.9	352.5	-
Florists, tobacco stores, and newsstands	5992,3,4	131.7	133.2	138.3	136.2	-	-	-	-	-	-
Optical goods stores	5995	61.4	61.6	62.4	62.0	-	48.3	48.3	50.1	49.7	-
Miscellaneous retail stores, nec	5999	218.6	217.5	237.0	233.7	-	175.9	174.9	190.7	187.8	-
Finance, insurance, and real estate³		6,797	6,747	6,884	6,875	6,803	4,957	4,906	5,031	5,026	4,961
Finance		3,243	3,227	3,286	3,277	3,248	-	-	-	-	-
Depository institutions	60	2,091.1	2,070.4	2,058.3	2,055.0	2,034.6	1,516.1	1,495.3	1,487.6	1,484.3	-
Commercial banks	602	1,512.0	1,497.3	1,503.9	1,504.3	-	1,080.9	1,065.8	1,072.3	1,072.0	-
State commercial banks	6022	621.5	615.8	629.8	630.6	-	446.7	440.4	453.3	454.2	-
National and commercial banks, nec	6021,9	890.5	881.5	874.1	873.7	-	634.2	625.4	619.0	617.8	-
Savings institutions	603	310.1	305.3	277.3	273.0	-	-	-	-	-	-
Federal savings institutions	6035	165.6	162.7	148.0	146.0	-	-	-	-	-	-
Savings institutions, except federal	6036	144.5	142.6	129.3	127.0	-	-	-	-	-	-
Credit unions	606	144.6	144.0	148.0	148.4	-	115.2	114.6	117.6	117.9	-
Nondepository institutions	61	451.9	455.8	480.6	476.0	471.1	341.8	343.7	354.7	351.0	-
Personal credit institutions	614	127.7	126.9	134.0	134.9	-	94.7	93.4	97.9	98.5	-
Business credit institutions	615	81.2	81.2	79.5	79.5	-	-	-	-	-	-
Mortgage bankers and brokers	616	224.6	229.3	247.2	241.5	-	-	-	-	-	-
Security and commodity brokers	62	474.8	475.0	512.0	511.1	507.9	-	-	-	-	-
Security brokers and dealers	621	362.6	363.1	392.0	391.4	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges	622,3	23.3	23.2	27.0	27.1	-	-	-	-	-	-
Security and commodity services	628	88.9	88.7	93.0	92.6	-	58.0	57.7	61.7	61.0	-
Holding and other investment offices	67	225.3	225.3	234.7	235.3	234.6	-	-	-	-	-
Holding offices	671	104.4	103.8	104.1	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 ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Finance, insurance, and real estate—Continued											
Insurance	63,64	2,191	2,182	2,192	2,184	2,171	-	-	-	-	-
Insurance carriers	63	1,525.2	1,520.3	1,524.2	1,516.8	1,507.2	1,056.8	1,053.2	1,078.5	1,075.5	-
Life insurance	631	563.5	559.0	548.1	544.7	-	357.3	354.5	358.6	358.2	-
Medical service and health insurance	632	280.4	280.5	287.4	287.3	-	228.5	228.0	233.3	233.0	-
Hospital and medical service plans	6324	219.3	219.5	225.4	225.4	-	183.0	182.7	187.0	186.8	-
Fire, marine, and casualty insurance	633	543.3	540.5	540.2	538.6	-	356.8	354.6	363.9	363.4	-
Title insurance	636	78.7	80.8	86.9	84.4	-	-	-	-	-	-
Insurance agents, brokers, and service	64	665.6	661.8	667.5	667.0	663.5	-	-	-	-	-
Real estate	65	1,363	1,338	1,406	1,414	1,384	-	-	-	-	-
Real estate operators and lessors	651	581.7	573.1	593.2	597.9	-	-	-	-	-	-
Real estate agents and managers	653	630.6	617.8	656.3	661.3	-	-	-	-	-	-
Subdividers and developers	655	116.5	112.7	121.3	120.5	-	-	-	-	-	-
Services		30,658	30,661	32,204	32,256	32,292	26,781	26,791	28,157	28,197	28,209
Agricultural services	07	563.4	551.5	617.2	611.3	593.9	474.1	462.2	523.8	518.0	-
Veterinary services	074	150.2	147.4	154.1	154.0	-	125.6	123.2	128.7	128.4	-
Landscape and horticultural services	078	368.1	360.3	416.6	411.3	-	311.4	303.2	356.8	352.0	-
Hotels and other lodging places	70	1,707.4	1,647.7	1,745.9	1,738.9	1,661.3	-	-	-	-	-
Hotels and motels	701	1,626.1	1,595.6	1,654.2	1,647.3	-	1,440.2	1,408.0	1,463.9	1,457.7	-
Personal services	72	1,095.8	1,105.9	1,095.1	1,097.2	1,110.5	-	-	-	-	-
Laundry, cleaning, and garment services	721	426.2	426.0	434.2	433.7	-	378.3	377.8	384.4	384.2	-
Photographic studios, portrait	722	74.0	81.0	75.6	77.5	-	-	-	-	-	-
Beauty shops	723	382.7	384.3	380.8	381.2	-	341.6	343.2	340.3	340.1	-
Funeral service and crematories	726	87.2	87.2	89.4	89.8	-	-	-	-	-	-
Miscellaneous personal services	729	106.6	108.3	97.2	97.2	-	89.2	90.6	80.0	80.1	-
Business services	73	5,909.0	5,955.6	6,520.9	6,618.2	6,680.0	5,253.6	5,292.9	5,813.9	5,905.9	-
Advertising	731	230.0	229.5	241.8	243.4	-	168.5	168.0	177.0	178.0	-
Advertising agencies	7311	155.6	155.2	162.5	163.3	-	-	-	-	-	-
Credit reporting and collection	732	115.7	114.7	115.4	115.1	-	-	-	-	-	-
Mailing, reproduction, and stenographic services	733	251.4	254.4	280.6	283.2	-	-	-	-	-	-
Photocopying and duplicating services	7334	57.4	58.1	63.5	64.1	-	47.1	47.6	51.8	52.6	-
Services to buildings	734	835.4	836.3	884.7	890.1	-	750.8	750.5	795.4	800.7	-
Disinfecting and pest control services	7342	79.3	76.9	83.3	82.7	-	62.8	62.5	68.1	65.6	-
Building maintenance services, nec	7349	756.1	757.4	801.4	807.4	-	688.0	688.0	729.3	735.1	-
Miscellaneous equipment rental and leasing	735	218.6	219.1	242.9	244.3	-	175.9	175.2	195.6	196.2	-
Medical equipment rental	7352	32.5	33.0	37.4	37.8	-	25.6	25.7	29.6	29.8	-
Heavy construction equipment rental	7353	39.6	39.2	43.4	44.2	-	33.7	33.1	37.1	37.5	-
Equipment rental and leasing, nec	7359	146.5	146.9	162.1	162.3	-	116.6	116.4	128.9	128.9	-
Personnel supply services	736	2,021.9	2,052.4	2,384.9	2,461.1	2,496.6	-	-	-	-	-
Employment agencies	7361	267.8	275.7	322.0	330.9	-	-	-	-	-	-
Help supply services	7363	1,754.1	1,776.7	2,062.9	2,130.2	-	1,702.6	1,724.2	2,005.4	2,071.3	-
Computer and data processing services	737	911.6	914.4	989.4	999.9	-	739.8	741.2	801.6	809.5	-
Computer programming services	7371	189.9	191.7	206.8	209.8	-	158.0	158.5	173.6	176.5	-
Prepackaged software	7372	147.7	147.6	155.1	155.4	-	-	-	-	-	-
Computer integrated systems design	7373	112.6	112.2	122.0	123.4	-	83.9	83.2	92.1	93.0	-
Data processing and preparation	7374	213.0	213.5	230.7	232.7	-	-	-	-	-	-
Information retrieval services	7375	49.3	49.4	57.2	57.8	-	38.6	38.2	43.6	43.7	-
Computer maintenance and repair	7378	41.1	41.1	42.6	42.9	-	34.2	34.3	35.6	35.7	-
Miscellaneous business services	738	1,324.4	1,334.8	1,381.2	1,381.1	-	1,162.6	1,171.5	1,211.6	1,210.8	-
Detective and armored car services	7381	486.6	492.4	507.0	508.8	-	454.1	460.1	473.5	474.9	-
Security systems services	7382	41.1	41.0	42.3	42.5	-	35.2	35.0	36.3	36.5	-
Photofinishing laboratories	7384	72.5	75.6	70.9	70.8	-	-	-	-	-	-
Auto repair, services, and parking	75	960.9	966.9	1,054.5	1,064.8	1,070.8	791.7	795.0	871.1	879.4	-
Automotive rentals, without drivers	751	175.2	176.1	197.5	199.3	-	141.7	141.8	161.8	163.5	-
Passenger car rental	7514	106.1	109.3	123.3	124.8	-	87.5	88.3	102.4	103.8	-
Automobile parking	752	60.3	62.7	61.9	62.0	-	53.5	55.7	55.0	55.3	-
Automotive repair shops	753	547.4	548.8	595.9	603.8	-	444.4	444.8	484.1	490.5	-
Automotive and tire repair shops	7532,4	187.2	189.4	204.7	207.9	-	153.9	154.9	169.1	172.1	-
General automotive repair shops	7538	231.7	231.4	251.3	254.2	-	188.8	188.7	204.0	206.3	-

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 ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Services—Continued											
Auto repair, services, and parking—Continued											
Automotive services, except repair	754	178.0	179.3	199.2	199.7	-	152.1	152.7	170.2	170.1	-
Carwashes	7542	100.9	102.7	114.6	113.4	-	88.2	89.8	100.6	99.4	-
Miscellaneous repair services	76	367.5	366.9	386.4	387.2	384.8	298.9	298.5	312.3	313.7	-
Electrical repair shops	762	111.9	111.4	118.7	119.3	-	-	-	-	-	-
Motion pictures	78	426.8	413.0	488.2	507.1	495.0	355.7	341.2	407.3	423.5	-
Motion picture production and services	781	155.7	155.8	200.9	217.5	-	126.5	125.5	165.4	179.9	-
Motion picture theaters	783	119.8	108.3	125.8	125.8	-	-	-	-	-	-
Video tape rental	784	136.0	133.4	145.4	147.6	-	111.3	108.9	119.3	121.3	-
Amusement and recreation services	79	1,449.0	1,331.2	1,474.6	1,460.8	1,337.6	1,278.9	1,172.0	1,306.4	1,292.0	-
Bowling centers	793	75.7	89.4	71.7	74.6	-	66.5	79.7	62.9	65.7	-
Misc. amusement and recreation services	799	1,086.2	956.7	1,110.6	1,101.2	-	967.5	850.3	994.1	983.3	-
Physical fitness facilities	7991	127.3	126.1	128.2	128.5	-	113.4	114.9	115.1	115.1	-
Membership sports and recreation clubs	7997	366.1	323.5	385.4	381.2	-	325.5	284.2	343.9	339.5	-
Health services	80	8,823.5	8,828.7	9,079.1	9,093.1	9,089.0	7,827.4	7,825.2	8,036.5	8,045.8	-
Offices and clinics of medical doctors	801	1,526.2	1,524.2	1,571.3	1,579.3	-	1,246.2	1,243.6	1,282.8	1,286.2	-
Offices and clinics of dentists	802	564.7	565.4	592.0	595.7	-	493.8	494.6	516.8	519.8	-
Offices and clinics of other health practitioners	804	360.7	363.7	390.4	392.9	-	297.6	299.3	321.6	323.1	-
Offices and clinics of chiropractors and optometrists	8041,2	157.6	156.4	187.6	169.0	-	-	-	-	-	-
Nursing and personal care facilities	805	1,589.4	1,594.8	1,643.7	1,647.3	-	1,435.0	1,439.0	1,481.4	1,484.3	-
Skilled nursing care facilities	8051	1,137.5	1,140.8	1,177.9	1,180.5	-	-	-	-	-	-
Intermediate care facilities	8052	223.6	224.1	230.6	231.1	-	201.0	201.7	206.6	207.3	-
Nursing and personal care, nec	8059	228.3	229.9	235.2	235.7	-	-	-	-	-	-
Hospitals	806	3,798.5	3,787.3	3,806.0	3,797.6	3,788.5	3,480.8	3,468.3	3,478.5	3,473.2	-
General medical and surgical hospitals	8062	3,497.4	3,486.7	3,506.6	3,499.6	-	-	-	-	-	-
Psychiatric hospitals	8063	95.2	94.9	94.4	93.4	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric	8069	205.9	205.7	205.0	204.6	-	-	-	-	-	-
Medical and dental laboratories	807	192.8	193.4	204.4	205.2	-	-	-	-	-	-
Home health care services	808	470.0	478.1	537.1	539.8	-	436.0	442.9	496.0	498.0	-
Legal services	81	938.4	927.9	957.8	950.4	939.1	756.4	744.7	769.8	763.5	-
Educational services	82	1,447.5	1,665.0	1,516.4	1,489.5	1,699.2	-	-	-	-	-
Elementary and secondary schools	821	447.2	488.5	467.2	458.5	-	-	-	-	-	-
Colleges and universities	822	793.1	973.4	835.9	821.6	-	-	-	-	-	-
Vocational schools	824	72.0	73.6	74.8	76.6	-	-	-	-	-	-
Social services	83	2,092.7	2,104.8	2,253.8	2,257.7	2,302.8	1,814.1	1,821.7	1,957.4	1,960.8	-
Individual and family services	832	571.7	560.8	593.1	593.4	-	496.2	485.4	515.8	515.6	-
Job training and related services	833	300.9	277.6	338.1	328.2	-	255.2	231.6	289.6	280.4	-
Child day care services	835	445.6	495.9	494.6	502.3	-	390.4	436.7	434.0	441.1	-
Residential care	836	580.8	577.8	626.2	630.0	-	508.5	505.1	545.4	548.4	-
Social services, nec	839	193.7	192.7	201.8	203.8	-	163.8	162.9	172.6	175.3	-
Museums and botanical and zoological gardens	84	81.7	78.7	86.6	85.8	82.3	-	-	-	-	-
Membership organizations	86	2,067.8	2,018.8	2,119.5	2,089.0	2,049.2	-	-	-	-	-
Business associations	861	109.8	109.3	108.2	108.4	-	-	-	-	-	-
Professional organizations	862	52.7	53.1	54.4	54.4	-	37.3	37.4	38.8	38.6	-
Labor organizations	863	134.4	135.1	131.2	129.8	-	-	-	-	-	-
Civic and social associations	864	469.1	423.2	513.3	481.0	-	-	-	-	-	-
Engineering and management services	87	2,551.4	2,543.9	2,633.3	2,629.9	2,621.5	1,951.2	1,940.4	2,029.0	2,024.5	-
Engineering and architectural services	871	772.5	767.9	804.8	808.5	-	635.9	631.0	664.4	667.4	-
Engineering services	8711	606.6	605.3	626.9	629.7	-	503.9	502.3	522.2	524.6	-
Architectural services	8712	114.4	112.8	122.4	123.0	-	89.1	87.3	95.5	96.0	-
Surveying services	8713	51.5	49.8	55.5	55.8	-	42.9	41.4	46.7	46.8	-
Accounting, auditing, and bookkeeping	872	499.1	502.9	518.3	515.0	-	360.5	361.5	377.7	374.5	-

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 ¹				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^p	Sept. 1994 ^p	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^p	Sept. 1994 ^p
Services—Continued											
Engineering and management services—Continued											
Research and testing services	873	580.8	573.5	588.7	585.7	-	439.7	433.4	451.8	448.7	-
Commercial physical research	8731	243.8	241.6	241.0	239.5	-	173.7	172.3	176.9	175.3	-
Commercial nonphysical research	8732	105.2	105.5	114.2	114.0	-	83.5	83.6	91.1	90.6	-
Noncommercial research organizations	8733	148.2	143.9	150.7	149.2	-	115.3	111.6	117.2	115.9	-
Management and public relations	874	699.0	699.6	721.5	720.7	-	515.1	514.5	535.1	533.9	-
Management services	8741	264.2	264.2	264.7	266.2	-	189.9	189.0	188.7	190.5	-
Management consulting services	8742	230.2	230.3	237.5	239.6	-	165.8	165.8	178.4	180.3	-
Public relations services	8743	31.9	31.0	33.3	33.6	-	22.7	21.8	23.1	23.3	-
Services, nec	89	40.8	40.8	40.9	41.1	41.0	32.3	32.3	32.7	32.7	-
Government		17,646	18,620	18,001	17,856	18,850	-	-	-	-	-
Federal Government⁴		2,923	2,901	2,882	2,875	2,860	-	-	-	-	-
Executive, by agency ⁴		2,856.4	2,835.0	2,818.0	-	-	-	-	-	-	-
Department of Defense		865.0	855.3	833.8	-	-	-	-	-	-	-
Postal Service ⁵		785.9	786.6	813.6	-	-	-	-	-	-	-
Other executive agencies		1,205.5	1,193.1	1,170.6	-	-	-	-	-	-	-
Legislative		38.7	38.2	36.8	-	-	-	-	-	-	-
Judicial		27.7	27.8	27.6	-	-	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities		86.1	85.2	76.4	75.3	-	-	-	-	-	-
Ship building and repairing	3731	49.3	48.8	42.4	41.3	-	-	-	-	-	-
Transportation and public utilities, except Postal Service		30.9	30.4	29.0	28.8	-	-	-	-	-	-
Services		395.9	394.8	383.9	383.8	-	-	-	-	-	-
Hospitals	806	233.7	232.8	229.1	228.6	-	-	-	-	-	-
State government		4,241	4,454	4,330	4,325	4,535	-	-	-	-	-
Hospitals	806	413.7	413.2	406.4	404.4	-	-	-	-	-	-
Education	82	1,543.8	1,784.7	1,581.2	1,589.9	1,831.7	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		1,779.8	1,783.0	1,833.8	1,822.6	-	-	-	-	-	-
State government, except education		2,696.8	2,669.2	2,748.8	2,735.5	2,703.5	-	-	-	-	-
Local government		10,482	11,265	10,789	10,656	11,455	-	-	-	-	-
Transportation and public utilities		454.5	450.7	458.0	454.8	-	-	-	-	-	-
Hospitals	806	683.7	682.3	692.8	692.3	-	-	-	-	-	-
Education	82	5,190.9	6,186.9	5,364.1	5,305.1	6,308.7	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		3,737.3	3,561.3	3,816.9	3,795.6	-	-	-	-	-	-
Local government, except education		5,290.6	5,077.6	5,424.9	5,350.6	5,146.2	-	-	-	-	-

¹ 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.

² Data relate to line-haul railroads with operating revenues of \$50,000,000 or more.

³ Excludes nonoffice commissioned real estate sales agents.

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

the National Security Agency.

⁵ Includes rural mail carriers.

- Data not available.

^p = 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	June 1993	July 1993	May 1994	June 1994	July 1994
Total	53,647	52,760	54,903	55,065	54,124
Total private	43,441	43,374	44,253	44,688	44,638
Goods-producing	6,554	6,501	6,495	6,569	6,522
Mining	89	90	86	87	87
Construction	526	531	540	552	557
Manufacturing	5,939	5,880	5,869	5,930	5,878
Durable goods	2,710	2,673	2,704	2,729	2,694
Lumber and wood products	115	114	119	122	122
Furniture and fixtures	148	144	152	153	151
Stone, clay, and glass products	104	103	103	104	103
Primary metal industries	92	91	95	96	95
Fabricated metal products	295	289	299	303	298
Industrial machinery and equipment	420	415	422	427	420
Electronic and other electrical equipment	643	636	648	654	646
Transportation equipment	355	350	348	350	341
Instruments and related products	367	363	351	351	346
Miscellaneous manufacturing	172	169	168	169	169
Nondurable goods	3,229	3,207	3,165	3,201	3,164
Food and kindred products	535	556	521	537	560
Tobacco products	13	13	11	11	11
Textile mill products	325	320	318	319	316
Apparel and other textile products	772	745	736	739	712
Paper and allied products	170	171	164	168	167
Printing and publishing	671	869	680	682	682
Chemicals and allied products	342	341	332	336	335
Petroleum and coal products	25	24	24	25	25
Rubber and misc. plastics products	310	305	316	321	315
Leather and leather products	65	63	64	65	62
Service-producing	47,093	46,259	48,408	48,496	47,602
Transportation and public utilities	1,705	1,680	1,712	1,717	1,694
Wholesale trade	1,821	1,820	1,846	1,858	1,857
Retail trade	10,505	10,471	10,614	10,777	10,787
Finance, insurance, and real estate	4,273	4,290	4,287	4,325	4,329
Services	18,583	18,612	19,299	19,442	19,449
Government	10,206	9,386	10,650	10,377	9,486
Federal	1,219	1,217	1,198	1,203	1,202
State	2,167	2,120	2,313	2,190	2,154
Local	6,820	6,049	7,139	6,984	6,130

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Alabama	1,708.8	1,726.7	1,724.9	10.8	10.3	10.2	81.1	81.9	82.0
Birmingham	416.7	428.0	424.4	3.0	3.0	2.9	21.2	22.5	22.3
Huntsville	162.5	155.8	158.5	(¹)	(¹)	(¹)	6.2	6.0	6.0
Mobile	195.4	201.0	199.2	(¹)	(¹)	(¹)	14.5	14.1	14.1
Montgomery	143.5	145.1	145.2	(¹)	(¹)	(¹)	7.1	7.1	7.1
Tuscaloosa	68.7	69.1	69.6	2.6	2.6	2.6	4.1	4.2	4.2
Alaska	270.1	275.2	275.0	10.8	10.3	10.3	15.0	15.5	16.0
Anchorage	121.2	123.8	124.0	3.3	3.1	3.1	8.0	8.2	8.3
Arizona	1,548.0	1,604.4	1,613.1	12.2	12.3	12.3	92.6	104.8	106.0
Phoenix-Mesa	1,041.8	1,082.2	1,067.2	4.5	4.5	4.5	63.1	71.8	72.8
Tucson	265.6	278.1	278.8	2.1	2.1	2.1	16.3	18.9	18.9
Arkansas	991.3	1,015.8	1,025.3	3.7	3.6	3.6	39.6	42.4	42.9
Fayetteville-Springdale-Rogers	115.3	121.5	122.3	(¹)	(¹)	(¹)	4.6	5.0	5.0
Fort Smith	68.5	68.9	68.6	.9	1.0	1.0	3.1	3.3	3.3
Little Rock-North Little Rock	270.1	276.7	277.7	(¹)	(¹)	(¹)	12.1	12.8	12.9
Pine Bluff	34.2	34.4	34.6	(¹)	(¹)	(¹)	1.0	1.1	1.0
California	11,937.5	11,923.3	11,909.4	34.9	32.1	32.3	466.3	466.3	470.7
Bakersfield	167.8	169.0	168.4	11.4	10.3	10.3	9.3	8.4	8.5
Fresno	255.4	257.8	258.2	.6	.6	.6	13.3	13.8	13.5
Los Angeles-Long Beach	3,679.4	3,651.9	3,641.2	7.5	8.9	7.0	100.9	98.9	99.8
Modesto	127.7	126.8	130.1	(²)	(²)	(²)	6.8	6.4	6.1
Oakland	659.6	654.0	653.1	3.3	3.0	3.1	41.6	40.7	41.9
Orange County	1,113.9	1,111.3	1,108.5	.9	.9	.9	45.4	45.2	45.1
Riverside-San Bernardino	720.3	732.7	729.7	1.3	1.3	1.4	40.6	40.3	40.1
Sacramento	551.5	561.0	559.0	.5	.5	.5	27.7	28.5	28.7
Salinas	109.7	108.0	106.6	.3	.3	.3	3.7	3.5	3.7
San Diego	937.9	924.5	923.4	.5	.5	.5	40.9	40.2	40.1
San Francisco	902.9	902.0	898.7	.7	.6	.6	27.0	26.8	27.2
San Jose	789.7	782.4	783.5	.2	.2	.2	27.4	28.5	28.3
Santa Barbara-Santa Maria-Lompoc	140.2	140.5	140.6	1.0	1.0	1.0	5.2	5.2	5.3
Santa Rosa	141.1	142.8	144.1	.7	.7	.6	8.0	8.6	8.8
Stockton-Lodi	160.5	160.8	161.6	.1	.1	.1	6.4	6.4	6.3
Vallejo-Fairfield-Napa	142.6	140.7	140.5	.4	.5	.5	9.3	9.5	9.4
Ventura	221.9	225.3	221.2	2.2	2.1	2.1	9.6	10.0	10.2
Colorado	1,675.9	1,719.2	1,723.9	16.0	15.3	15.4	91.3	91.4	91.8
Boulder-Longmont	132.6	136.4	135.3	(¹)	(¹)	(¹)	5.5	5.7	5.8
Denver	909.7	925.4	927.3	8.5	8.1	8.0	49.9	46.1	46.0
Connecticut	1,513.3	1,528.8	1,519.6	1.0	1.0	1.0	51.7	51.3	51.6
Bridgeport	175.0	171.7	173.1	(²)	(²)	(²)	5.4	5.3	5.4
Danbury	63.2	63.6	63.5	(¹)	(¹)	(¹)	3.0	3.2	3.2
Hartford	573.6	587.3	582.3	(¹)	(¹)	(¹)	20.4	23.2	23.0
New Haven-Meriden	235.5	231.1	228.6	(¹)	(¹)	(¹)	8.7	9.2	9.2
Stamford-Norwalk	184.9	165.2	162.8	(¹)	(¹)	(¹)	5.0	5.1	5.0
Waterbury	60.6	79.4	60.2	(²)	(²)	(²)	2.8	3.0	3.1
Delaware	350.5	359.3	361.1	.1	.1	.1	19.2	20.0	19.8
Wilmington-Newark	269.2	271.3	272.4	.2	.2	.2	14.9	15.0	14.8
District of Columbia	684.5	677.1	657.1	.1	.1	.1	8.7	8.8	8.7
Washington PMSA	2,296.8	2,340.0	2,308.9	.8	.9	.9	106.9	109.5	110.4
Florida	5,492.8	5,885.1	5,680.6	6.1	6.3	6.5	289.6	304.0	306.3
Daytona Beach	134.1	138.4	137.6	(²)	(²)	(²)	7.5	7.3	7.3
Fort Lauderdale	534.9	555.5	554.4	.2	.2	.2	31.7	31.8	32.2
Fort Myers-Cape Coral	126.5	133.8	133.0	(²)	(²)	(²)	10.8	11.9	11.8
Gainesville	98.3	100.9	100.4	(²)	(²)	(²)	3.5	3.6	3.7
Jacksonville	438.8	448.3	447.4	(²)	(²)	(²)	23.4	24.7	24.7
Lakeland-Winter Haven	145.6	153.2	153.2	2.6	2.7	2.8	7.1	7.4	7.4
Melbourne-Titusville-Palm Bay	163.5	167.3	168.3	(²)	(²)	(²)	8.0	8.3	8.4
Miami	889.3	915.4	915.4	.4	.4	.4	38.7	40.4	40.4
Orlando	648.0	679.0	680.6	(²)	(²)	(²)	33.3	36.8	36.8
Pensacola	135.0	137.4	137.4	(²)	(²)	(²)	8.8	9.8	9.8
Sarasota-Bradenton	204.6	210.8	210.9	(²)	(²)	(²)	9.6	9.6	9.4
Tallahassee	130.5	133.7	132.8	(²)	(²)	(²)	5.3	5.4	5.3
Tampa-St. Petersburg-Clearwater	883.0	909.9	911.7	.4	.5	.5	41.2	41.2	41.4
West Palm Beach-Boca Raton	355.5	362.9	362.2	(²)	(²)	(²)	21.2	21.3	21.5

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Alabama	386.0	380.5	386.7	85.7	85.3	85.2	377.6	385.3	386.3
Birmingham	51.2	51.9	51.8	30.1	29.6	29.4	102.2	103.9	104.2
Huntsville	38.0	34.5	38.1	3.2	3.3	3.3	30.4	30.9	31.0
Mobile	28.3	28.0	27.9	11.4	11.0	10.8	49.8	53.0	52.6
Montgomery	17.7	17.7	17.8	6.0	6.1	6.0	32.4	33.1	33.2
Tuscaloosa	10.4	11.0	10.9	2.3	2.2	2.2	15.3	15.4	15.6
Alaska	23.3	25.5	22.7	24.8	25.1	25.1	52.3	54.5	54.9
Anchorage	2.3	2.3	2.4	13.2	13.3	13.3	26.7	28.5	28.6
Arizona	174.4	182.3	183.7	77.6	79.1	79.3	380.3	394.0	395.3
Phoenix-Mesa	133.6	138.2	139.3	54.5	55.8	56.0	253.3	264.5	265.1
Tucson	24.2	27.6	28.0	11.3	11.4	11.4	62.8	65.1	65.8
Arkansas	244.8	253.8	255.2	57.4	57.7	58.3	223.4	228.1	230.7
Fayetteville-Springdale-Rogers	32.2	33.8	34.0	8.0	8.3	8.3	30.0	32.7	32.6
Fort Smith	26.0	28.0	27.6	5.1	5.4	5.4	17.9	17.6	17.6
Little Rock-North Little Rock	33.3	34.5	34.0	17.2	17.8	17.8	63.8	65.6	66.3
Pine Bluff	7.3	7.5	7.5	2.1	2.0	2.0	7.2	7.1	7.2
California	1,821.7	1,765.5	1,777.2	602.8	597.8	595.6	2,780.1	2,762.0	2,763.4
Bakersfield	10.3	10.3	10.3	8.2	8.3	8.3	41.0	40.6	40.3
Fresno	31.9	31.8	32.9	13.1	12.9	13.1	82.5	82.5	82.1
Los Angeles-Long Beach	657.3	631.6	632.5	197.7	195.6	195.0	816.9	803.5	802.5
Modesto	30.4	27.4	31.6	5.7	5.8	5.6	30.8	31.7	31.6
Oakland	102.7	99.6	100.1	56.0	53.2	53.2	203.1	202.7	202.4
Orange County	209.5	205.8	206.5	37.4	38.6	38.9	274.4	270.9	270.1
Riverside-San Bernardino	65.8	85.5	85.9	36.8	37.1	37.3	191.7	194.1	193.6
Sacramento	37.3	37.3	37.1	24.3	24.3	24.3	125.6	127.3	127.2
Salinas	9.6	9.9	9.7	5.2	5.2	5.2	28.8	28.4	28.8
San Diego	115.6	109.2	109.0	35.6	35.7	35.6	221.5	214.9	215.4
San Francisco	74.7	74.6	74.4	78.2	74.0	73.5	188.8	187.8	187.8
San Jose	233.1	226.3	228.5	22.9	22.7	22.3	155.0	152.6	152.4
Santa Barbara-Santa Maria-Lompoc	18.3	17.8	17.8	4.8	4.6	4.5	34.1	34.8	34.8
Santa Rosa	20.5	20.3	20.8	5.8	5.7	5.8	36.1	38.4	36.3
Stockton-Lodi	28.7	28.5	29.3	10.4	11.0	11.1	38.3	38.0	38.5
Vallejo-Fairfield-Napa	14.7	14.2	14.6	5.9	6.1	5.9	35.9	35.2	35.5
Ventura	31.0	29.5	29.2	9.9	10.4	10.2	53.1	54.2	54.2
Colorado	189.6	191.5	191.6	105.0	104.7	105.1	409.0	429.5	431.5
Boulder-Longmont	29.8	30.5	30.3	3.5	3.5	3.5	28.4	29.5	29.6
Denver	90.5	89.6	89.8	74.5	72.6	73.0	221.4	230.9	231.2
Connecticut	287.5	280.4	280.2	67.9	67.5	67.0	327.7	326.5	326.0
Bridgeport	43.5	41.3	42.1	7.2	6.9	6.9	36.1	36.7	36.9
Danbury	20.8	20.3	20.6	2.7	2.7	2.7	21.1	20.9	20.7
Hartford	93.5	93.2	93.1	23.0	23.9	23.6	118.0	121.8	121.4
New Haven-Meriden	41.4	40.1	39.3	16.2	15.8	15.8	49.0	47.6	47.2
Stamford-Norwalk	29.7	28.2	28.0	8.3	8.8	8.4	42.8	41.8	41.6
Waterbury	17.0	16.7	17.4	3.4	3.4	3.4	15.8	15.8	15.9
Delaware	65.5	60.9	64.1	14.2	14.7	14.7	78.4	81.6	81.4
Wilmington-Newark	50.0	45.1	48.3	12.6	12.8	12.8	54.3	55.6	55.3
District of Columbia	13.9	14.0	14.1	21.5	21.4	21.4	52.4	52.5	52.3
Washington PMSA	91.7	95.4	94.7	105.0	105.5	105.4	435.0	440.1	437.8
Florida	482.0	480.4	481.2	284.9	285.9	286.2	1,435.1	1,472.6	1,476.1
Daytona Beach	12.6	13.4	13.4	3.8	3.7	3.7	39.0	39.3	39.3
Fort Lauderdale	40.7	40.3	40.7	25.6	26.5	26.5	152.6	157.8	158.4
Fort Myers-Cape Coral	5.6	5.6	5.6	5.7	5.9	5.9	34.8	37.3	37.0
Gainesville	5.3	5.3	5.4	1.9	1.9	1.9	20.4	20.8	21.1
Jacksonville	35.0	34.4	34.6	32.1	32.5	32.5	114.3	115.3	115.6
Lakeland-Winter Haven	18.7	19.7	19.8	7.6	7.9	8.0	41.2	42.8	43.0
Melbourne-Titusville-Palm Bay	28.5	28.9	29.0	4.9	4.7	4.7	36.9	38.7	39.1
Miami	81.5	81.5	81.7	72.6	73.4	73.5	233.7	237.5	237.7
Orlando	51.7	52.1	52.1	37.4	37.8	37.9	161.0	165.4	166.8
Pensacola	11.3	11.3	11.3	6.0	5.9	5.9	33.5	34.8	34.8
Sarasota-Bradenton	17.7	18.8	18.7	5.2	5.2	5.1	48.5	49.7	49.7
Tallahassee	4.6	4.6	4.8	3.2	3.1	3.1	28.5	29.5	29.5
Tampa-St. Petersburg-Clearwater	87.1	86.0	88.0	41.5	42.4	42.8	226.0	229.0	229.5
West Palm Beach-Boca Raton	30.4	28.6	29.7	14.2	13.6	13.7	94.2	96.4	96.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Alabama	76.3	77.8	77.8	364.0	368.4	369.8	327.3	337.2	327.1
Birmingham	30.5	31.6	31.4	114.8	118.1	117.8	63.7	65.4	64.8
Huntsville	4.8	4.5	4.5	41.8	38.7	38.4	38.3	37.9	37.2
Mobile	8.4	8.5	8.4	52.3	54.1	54.4	30.7	32.3	31.0
Montgomery	8.4	8.4	8.4	35.5	35.9	38.4	36.4	36.8	38.3
Tuscaloosa	2.2	2.3	2.3	10.8	10.8	10.8	21.0	20.6	21.0
Alaska	11.6	11.7	11.9	60.6	62.3	62.2	71.7	70.3	71.9
Anchorage	6.9	7.1	7.2	32.1	32.9	32.8	28.7	28.4	28.5
Arizona	100.5	103.0	103.1	447.0	467.5	467.9	263.4	261.4	265.5
Phoenix-Mesa	60.3	62.4	62.8	305.3	321.0	321.8	147.0	144.0	145.1
Tucson	12.4	12.5	12.5	81.5	83.0	82.8	55.0	55.5	57.5
Arkansas	40.8	41.9	41.9	223.0	231.7	232.8	158.6	156.6	159.9
Fayetteville-Springdale-Rogers	4.1	4.4	4.4	21.6	22.0	22.4	14.8	15.3	15.6
Fort Smith	2.8	2.9	2.9	22.5	22.7	22.5	8.2	8.0	8.3
Little Rock-North Little Rock	18.4	18.8	18.8	75.8	77.0	77.1	51.5	52.4	53.0
Pine Bluff	1.3	1.3	1.3	7.9	8.2	8.3	7.4	7.2	7.3
California	768.8	769.7	787.9	3,471.2	3,510.0	3,515.5	1,971.7	2,019.9	1,986.8
Bakersfield	5.9	5.9	5.9	39.8	41.5	41.7	41.9	43.7	43.1
Fresno	14.3	14.1	14.0	64.0	64.4	64.4	55.7	57.5	57.8
Los Angeles-Long Beach	249.5	241.1	240.9	1,143.0	1,151.2	1,155.1	506.6	522.9	506.4
Modesto	5.0	4.7	4.7	28.0	28.5	28.5	21.0	22.1	22.0
Oakland	56.4	57.1	57.0	235.0	237.5	238.7	159.5	160.0	158.7
Orange County	92.0	68.7	67.9	334.9	339.7	339.6	119.4	121.5	119.5
Riverside-San Bernardino	31.9	31.2	31.1	185.6	192.0	192.0	147.0	151.2	148.3
Sacramento	40.9	41.0	40.8	140.9	142.6	142.8	154.3	159.5	157.6
Salinas	6.4	6.4	6.4	26.2	28.2	28.2	27.5	26.1	26.3
San Diego	60.9	58.7	58.5	294.3	295.0	295.9	168.6	170.3	168.4
San Francisco	101.9	100.8	100.7	309.6	312.6	312.0	124.0	125.2	122.5
San Jose	31.1	30.2	30.2	233.9	236.4	236.4	86.1	85.5	85.2
Santa Barbara-Santa Maria-Lompoc	7.3	7.0	7.0	42.8	42.4	42.6	28.9	27.7	27.6
Santa Rosa	10.0	10.0	9.9	36.8	39.8	40.4	21.4	21.3	21.5
Stockton-Lodi	8.7	8.4	8.3	35.4	36.2	35.9	32.5	32.2	32.1
Vallejo-Fairfield-Napa	5.4	5.3	5.3	36.4	37.0	37.1	34.6	32.9	32.2
Ventura	12.3	12.3	11.8	63.8	64.5	64.0	40.0	42.3	39.5
Colorado	107.5	110.5	110.1	476.6	493.5	494.2	276.9	282.8	264.2
Boulder-Longmont	5.2	5.1	5.0	38.5	39.1	39.0	21.7	23.0	22.1
Denver	71.4	73.4	73.3	262.2	272.5	272.6	131.3	132.2	133.4
Connecticut	140.2	137.7	137.6	445.6	464.5	461.5	191.7	199.9	194.7
Bridgeport	10.9	11.0	11.1	51.6	52.1	52.1	18.3	18.4	18.6
Danbury	3.9	4.0	4.0	22.0	22.8	22.6	9.7	9.7	9.7
Hartford	80.3	77.2	77.0	153.8	163.3	161.6	84.6	84.7	82.6
New Haven-Meriden	14.9	14.7	14.7	74.9	73.3	72.4	30.4	30.4	30.0
Stamford-Norwalk	20.0	20.2	20.3	83.3	84.4	83.8	15.8	16.9	15.9
Waterbury	4.3	4.2	4.2	24.7	23.9	23.9	12.8	12.4	12.3
Delaware	35.5	37.4	37.5	90.5	95.4	94.6	47.1	49.2	48.9
Wilmington-Newark	30.4	32.1	32.2	72.7	75.7	74.5	34.1	34.8	34.3
District of Columbia	31.3	30.4	30.2	251.4	254.6	253.9	285.2	295.3	278.4
Washington PMSA	131.6	132.3	132.1	813.1	830.8	830.3	612.5	625.5	597.3
Florida	358.8	367.7	367.0	1,818.5	1,914.0	1,920.0	617.8	654.2	637.3
Daytona Beach	6.2	6.1	6.1	42.6	44.7	44.6	22.4	23.9	23.2
Fort Lauderdale	40.5	41.0	40.8	174.1	183.9	183.2	69.5	74.0	72.4
Fort Myers-Cape Coral	8.1	8.3	8.3	41.8	44.0	44.0	19.8	20.7	20.3
Gainesville	4.4	4.5	4.5	28.4	29.9	30.1	34.4	34.9	33.7
Jacksonville	44.5	44.7	44.7	130.1	135.7	135.5	59.0	60.6	59.2
Lakeland-Winter Haven	7.6	7.6	7.7	39.4	41.7	41.9	21.4	23.4	22.6
Melbourne-Titusville-Palm Bay	5.3	5.8	5.8	57.2	57.3	58.0	22.6	23.5	23.2
Miami	63.8	63.9	64.0	276.0	268.9	290.4	122.6	129.4	127.3
Orlando	38.4	40.1	40.2	255.1	272.8	274.0	70.7	73.5	72.3
Pensacola	5.2	5.2	5.2	43.4	43.9	44.4	26.5	26.2	25.7
Sarasota-Bradenton	10.5	10.4	10.4	91.1	94.2	94.9	21.9	22.6	22.6
Tallahassee	5.2	5.5	5.4	31.5	32.1	32.3	52.0	53.3	52.4
Tampa-St. Petersburg-Clearwater	63.6	66.6	66.7	311.6	327.5	330.3	111.6	114.7	112.5
West Palm Beach-Boca Raton	25.3	25.3	25.0	127.7	132.6	131.8	42.5	45.1	44.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Georgia	3,124.2	3,240.1	3,257.9	7.6	7.4	7.5	134.8	139.3	144.1
Albany	51.7	50.0	52.2	(¹)	(¹)	(¹)	2.7	2.3	2.6
Athens	59.7	60.5	60.5	(¹)	(¹)	(¹)	2.1	1.9	1.9
Atlanta	1,649.0	1,729.4	1,738.9	1.5	1.4	1.4	72.2	79.9	82.7
Augusta-Aiken	187.4	188.0	188.4	.5	.5	.5	11.2	10.9	11.0
Columbus	100.1	102.2	102.5	(¹)	(¹)	(¹)	4.2	4.3	4.3
Macon	133.3	133.7	134.3	1.2	1.1	1.1	4.3	4.8	4.9
Savannah	118.8	121.1	121.5	(¹)	(¹)	(¹)	5.8	6.0	6.0
Hawaii	534.9	529.3	528.4	(¹)	(¹)	(¹)	32.3	29.6	29.9
Honolulu	409.7	404.5	402.4	(¹)	(¹)	(¹)	24.0	21.9	22.1
Idaho	443.7	463.6	465.1	2.4	2.4	2.4	28.1	31.3	32.1
Boise City	160.8	188.1	188.8	(¹)	(¹)	(¹)	11.4	12.6	12.9
Illinois	5,396.4	5,417.9	5,421.9	14.4	15.7	15.7	214.2	216.8	219.4
Bloomington-Normal	67.4	68.9	69.7	(¹)	(¹)	(¹)	2.4	2.4	2.4
Champaign-Urbana	68.3	68.7	68.1	(¹)	(¹)	(¹)	3.1	3.1	3.1
Chicago	3,729.1	3,795.9	3,797.7	2.2	2.2	2.2	145.5	149.9	151.4
Davenport-Moline-Rock Island	165.4	170.7	170.6	(¹)	(¹)	(¹)	8.5	8.7	8.7
Decatur	54.0	53.4	52.0	(¹)	(¹)	(¹)	3.1	2.9	3.0
Kankakee	38.8	39.7	39.9	(¹)	(¹)	(¹)	2.0	2.1	2.2
Peoria-Pekin	152.2	147.8	148.2	(¹)	(¹)	(¹)	8.0	7.9	7.9
Rockford	155.5	160.6	160.7	(¹)	(¹)	(¹)	6.5	6.3	8.3
Springfield	112.9	108.3	113.7	(¹)	(¹)	(¹)	4.8	4.7	4.8
Indiana	2,587.4	2,628.0	2,625.5	6.8	6.4	6.4	128.3	132.1	133.1
Bloomington	54.9	58.2	56.2	(¹)	(¹)	(¹)	3.0	3.1	3.2
Elkhart-Goshen	108.1	111.0	111.7	(¹)	(¹)	(¹)	3.7	3.8	3.8
Evansville-Henderson	141.2	140.1	140.1	1.4	1.5	1.5	9.4	9.3	9.4
Fort Wayne	241.2	249.0	248.9	(¹)	(¹)	(¹)	12.6	12.0	11.9
Gary	242.7	241.5	240.1	(¹)	(¹)	(¹)	14.8	14.3	15.0
Indianapolis	730.3	743.0	744.5	.7	.5	.4	37.7	39.1	38.7
Kokomo	49.3	49.7	49.0	(¹)	(¹)	(¹)	1.3	1.3	1.3
Lafayette	82.8	83.4	83.3	(¹)	(¹)	(¹)	3.5	3.4	3.5
Muncie	55.6	56.2	56.6	(¹)	(¹)	(¹)	2.8	2.4	2.5
South Bend	119.5	122.4	121.1	(¹)	(¹)	(¹)	6.9	7.2	7.4
Terre Haute	63.1	82.8	62.3	.4	.4	.4	3.7	3.5	3.3
Iowa	1,272.5	1,301.8	1,300.5	2.2	2.4	2.4	55.6	56.2	56.1
Cedar Rapids	99.1	100.6	100.6	(¹)	(¹)	(¹)	5.6	5.8	5.8
Des Moines	245.4	251.4	249.8	(¹)	(¹)	(¹)	10.6	11.4	11.5
Dubuque	47.7	48.5	48.4	(¹)	(¹)	(¹)	2.0	1.7	1.8
Iowa City	58.1	56.8	59.5	(¹)	(¹)	(¹)	2.2	2.2	2.3
Sioux City	59.7	60.0	60.1	(¹)	(¹)	(¹)	2.8	2.7	2.7
Waterloo-Cedar Falls	63.0	64.3	64.5	(¹)	(¹)	(¹)	2.5	2.7	2.7
Kansas	1,125.3	1,146.6	1,149.6	9.0	8.8	8.8	52.1	55.8	55.4
Lawrence	39.0	37.4	39.0	(¹)	(¹)	(¹)	1.7	1.8	1.8
Topeka	94.4	95.7	96.3	(¹)	(¹)	(¹)	4.2	4.2	4.1
Wichita	248.3	246.5	245.5	1.6	1.6	1.7	13.4	12.8	13.0
Kentucky	1,532.6	1,560.1	1,564.4	26.9	28.8	28.8	74.5	73.8	74.3
Lexington	233.7	238.7	238.7	.2	.2	.2	12.3	12.8	12.9
Louisville	497.4	509.8	508.9	.6	.6	.6	25.8	25.7	26.5
Owensboro	39.0	39.7	39.9	.6	.5	.5	2.4	2.5	2.4
Louisiana	1,638.6	1,683.5	1,689.1	45.8	46.4	46.7	96.7	104.9	105.7
Alexandria	49.6	50.5	50.0	.2	.2	.2	3.2	3.6	3.7
Baton Rouge	255.2	259.3	259.0	.9	.9	.9	30.2	30.2	30.8
Houma	59.5	61.2	61.1	5.2	5.0	5.0	3.1	3.1	3.1
Lafayette	136.4	138.7	139.3	11.2	11.2	11.3	6.7	7.1	7.4
Lake Charles	72.5	74.5	73.5	1.5	1.4	1.4	7.0	7.2	6.9
Monroe	60.9	63.1	62.4	.3	.3	.3	3.1	3.2	3.1
New Orleans	569.6	575.4	575.2	14.2	13.8	13.9	25.5	24.7	24.6
Shreveport-Bossier City	154.9	159.8	159.9	3.0	3.0	3.1	8.1	8.3	8.3
Maine	532.4	531.2	536.7	.2	.1	.1	23.7	23.8	24.1
Lewiston-Auburn	39.2	39.7	40.5	(¹)	(¹)	(¹)	1.8	1.8	1.9
Portland	126.9	125.9	125.9	(¹)	(¹)	(¹)	5.6	5.6	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		
	Aug. 1993	July 1994	Aug. 1994P	Aug. 1993	July 1994	Aug. 1994P	Aug. 1993	July 1994	Aug. 1994P
Georgia	556.3	564.5	571.8	202.4	207.8	208.4	783.0	798.7	800.9
Albany	7.6	6.2	7.5	2.8	3.2	3.1	13.0	12.3	12.9
Athens	10.8	10.7	11.1	1.7	1.7	1.7	14.8	14.3	14.1
Atlanta	196.4	198.7	201.4	139.8	141.0	141.1	441.2	455.3	458.8
Augusta-Aiken	44.5	44.3	44.3	5.4	5.5	5.6	39.5	39.9	39.7
Columbus	19.8	20.2	20.1	3.5	3.4	3.4	22.7	22.9	23.1
Macon	18.6	18.3	18.6	5.3	5.3	5.3	31.7	30.8	30.8
Savannah	18.0	16.7	17.3	9.2	9.6	9.7	30.2	30.2	30.2
Hawaii	19.4	17.8	17.8	40.7	39.8	39.5	132.8	130.5	129.7
Honolulu	14.0	13.1	13.0	33.6	32.5	32.2	99.9	98.3	97.7
Idaho	71.1	74.1	73.9	21.0	21.4	21.6	111.5	117.6	118.1
Boise City	29.0	31.6	31.8	7.4	7.7	7.7	38.7	39.7	39.7
Illinois	938.1	931.3	931.8	309.3	311.8	311.5	1,255.9	1,282.5	1,288.1
Bloomington-Normal	7.3	8.3	8.2	2.7	2.9	2.9	15.7	15.7	15.9
Champaign-Urbana	10.2	10.1	10.0	2.5	2.8	2.8	19.2	19.4	19.4
Chicago	641.6	638.7	638.9	224.5	228.8	228.1	875.2	900.0	902.7
Davenport-Moline-Rock Island	28.3	29.1	29.1	7.9	8.3	8.4	46.9	46.7	46.9
Decatur	12.9	11.3	10.0	5.1	5.1	5.1	12.2	12.4	12.3
Kankakee	6.8	6.8	6.8	1.9	1.9	1.9	9.7	9.9	9.9
Peoria-Pekin	31.3	24.3	24.5	8.0	8.1	8.1	36.2	37.4	37.4
Rockford	47.9	50.4	50.7	6.5	6.7	6.8	33.5	34.3	34.5
Springfield	4.1	4.2	4.1	5.0	5.0	5.1	24.5	23.1	25.2
Indiana	642.3	653.9	655.2	134.4	137.3	137.3	611.3	619.3	621.2
Bloomington	8.8	9.1	9.1	1.6	1.8	1.8	12.7	13.3	13.5
Elkhart-Goshen	58.0	58.0	58.3	3.0	3.0	3.1	19.8	20.2	20.7
Evansville-Henderson	32.0	32.7	32.2	6.9	8.7	6.7	34.5	34.6	34.2
Fort Wayne	69.2	70.1	70.4	15.3	15.5	15.4	54.8	58.0	58.0
Gary	53.4	53.5	53.3	17.1	16.5	16.8	57.9	57.6	58.0
Indianapolis	123.9	128.1	125.3	49.0	42.1	42.0	190.1	200.3	202.0
Kokomo	20.2	20.8	20.8	1.3	1.3	1.3	10.5	10.0	9.6
Lafayette	18.8	19.6	19.5	2.3	2.3	2.3	16.4	16.6	16.4
Muncie	10.8	10.5	11.3	4.6	5.2	5.2	12.3	12.5	12.4
South Bend	21.8	22.1	22.0	5.4	5.5	5.6	30.4	31.8	31.8
Terre Haute	13.2	13.0	13.2	2.7	2.6	2.7	19.0	18.3	18.2
Iowa	237.5	246.2	245.0	57.4	58.0	57.6	324.7	328.2	330.1
Cedar Rapids	20.8	21.3	21.4	6.0	5.9	5.9	22.8	23.1	23.0
Des Moines	25.1	26.1	24.5	12.1	12.1	12.2	64.6	65.2	65.0
Dubuque	12.7	13.3	13.3	1.9	2.0	1.9	11.3	11.5	11.5
Iowa City	4.2	4.4	4.4	1.7	1.8	1.8	11.1	11.4	11.4
Sioux City	12.0	12.3	12.3	3.4	3.5	3.5	15.3	15.6	15.6
Waterloo-Cedar Falls	13.7	14.4	14.2	1.9	2.1	2.1	15.7	16.1	16.1
Kansas	182.6	181.9	181.0	66.7	69.2	69.1	275.8	278.0	278.2
Lawrence	4.5	4.5	4.4	1.2	1.3	1.3	9.6	9.6	9.6
Topeka	9.3	9.7	9.8	6.7	7.0	7.0	20.9	20.9	20.9
Wichita	57.4	56.1	55.5	11.6	11.4	11.5	57.2	57.7	57.7
Kentucky	294.3	299.9	301.4	82.1	85.1	84.8	382.7	371.4	372.0
Lexington	38.5	39.3	39.0	8.8	8.8	8.8	54.2	54.5	54.8
Louisville	87.4	89.6	89.4	32.2	34.2	34.1	119.6	123.6	123.1
Owensboro	6.2	6.3	6.4	2.1	2.0	2.1	9.9	10.4	10.4
Louisiana	186.8	186.2	186.2	105.7	108.3	108.4	383.2	392.4	395.3
Alexandria	3.5	3.4	3.4	2.5	2.5	2.5	11.2	11.1	11.0
Baton Rouge	23.3	23.1	23.2	11.8	11.9	11.8	56.3	57.6	58.0
Houma	5.4	5.7	5.6	5.9	5.9	5.9	14.7	15.3	15.3
Lafayette	15.4	16.0	16.0	8.1	8.2	8.1	34.6	35.4	35.9
Lake Charles	11.0	11.2	11.2	4.8	4.3	4.3	16.2	16.3	16.4
Monroe	7.9	8.0	8.0	3.3	3.4	3.4	14.9	15.7	15.7
New Orleans	47.3	46.9	46.6	43.3	42.9	42.5	140.7	140.9	141.1
Shreveport-Bossier City	20.4	20.5	20.5	8.4	8.2	8.2	36.4	37.2	37.6
Maine	93.8	90.7	93.5	22.7	22.1	22.0	139.7	140.4	142.7
Lewiston-Auburn	8.5	8.2	8.6	1.5	1.5	1.5	10.4	10.2	10.4
Portland	13.4	13.8	13.5	5.9	6.1	6.0	37.9	38.0	38.7

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Georgia	168.0	168.3	167.8	742.1	805.5	810.6	530.0	548.6	546.8
Albany	2.0	1.9	2.0	12.3	12.2	12.4	11.3	11.9	11.7
Athens	2.0	2.0	2.0	11.3	11.4	11.3	17.0	18.5	18.4
Atlanta	111.5	111.8	111.6	456.1	505.6	507.3	230.3	235.7	234.6
Augusta-Aiken	6.5	6.9	6.9	42.7	43.0	43.2	37.1	37.0	37.2
Columbus	7.2	7.5	7.4	22.9	24.6	24.7	19.8	19.3	19.5
Macon	8.3	8.1	8.1	26.6	30.2	30.6	35.3	35.1	34.9
Savannah	4.5	4.2	4.1	32.5	34.8	34.6	18.6	19.6	19.6
Hawaii	39.6	39.6	39.5	163.8	165.0	163.4	106.3	107.0	106.8
Honolulu	32.5	32.3	32.3	120.3	121.1	120.1	65.4	65.3	65.0
Idaho	23.0	24.5	24.6	101.0	104.2	104.5	85.6	88.1	87.9
Boise City	10.8	11.6	11.6	37.8	38.0	38.2	25.5	26.9	26.9
Illinois	387.5	390.9	391.1	1,505.4	1,522.5	1,527.9	711.6	746.4	736.4
Bloomington-Normal	12.1	12.6	12.6	16.6	16.9	17.0	10.6	10.1	10.7
Champaign-Urbana	3.4	3.4	3.4	20.0	20.4	20.5	29.9	29.7	29.1
Chicago	303.3	304.9	305.5	1,069.8	1,119.1	1,123.0	447.0	454.3	447.9
Davenport-Moline-Rock Island	7.4	7.8	7.8	43.2	43.9	44.0	23.2	24.2	23.7
Decatur	2.4	2.4	2.3	13.1	13.6	13.7	5.2	5.7	5.6
Kankakee	1.8	1.8	1.7	10.3	10.6	10.8	6.3	6.6	6.6
Peoria-Pekin	8.5	8.4	8.4	44.8	46.0	46.0	15.4	15.7	15.9
Rockford	7.0	7.1	7.0	39.7	40.9	41.2	14.4	14.9	14.4
Springfield	7.9	8.1	8.1	32.3	31.0	33.3	34.3	32.2	33.1
Indiana	130.5	132.3	132.0	569.8	578.0	577.6	364.0	366.7	362.7
Bloomington	2.0	2.3	2.3	12.0	12.1	12.0	14.8	14.5	14.3
Elkhart-Goshen	2.9	3.1	3.0	16.7	17.3	17.2	6.0	5.6	5.6
Evansville-Henderson	6.0	5.8	5.9	37.6	36.8	37.4	13.4	12.7	12.8
Fort Wayne	13.3	13.5	13.4	53.9	56.9	57.5	22.1	23.0	22.3
Gary	9.5	9.6	9.6	59.1	56.2	57.9	30.9	31.8	29.5
Indianapolis	55.7	56.3	56.1	175.5	177.4	178.2	103.8	101.2	101.8
Kokomo	1.4	1.4	1.4	8.5	8.3	8.2	6.1	6.6	6.4
Lafayette	3.6	3.8	3.9	18.5	18.3	18.9	19.7	19.4	18.8
Muncie	1.8	1.8	1.8	13.8	13.9	13.9	9.5	9.9	9.5
South Bend	6.4	6.2	6.2	36.3	37.5	36.2	12.5	12.1	11.9
Terre Haute	2.4	2.4	2.4	13.2	13.7	13.4	8.5	8.9	6.7
Iowa	75.0	76.9	76.7	316.1	323.7	324.1	204.0	210.2	208.5
Cedar Rapids	5.4	5.7	5.8	27.6	28.1	28.3	10.9	10.7	10.6
Des Moines	34.6	36.2	36.1	67.3	68.7	69.1	31.1	31.7	31.4
Dubuque	1.7	1.6	1.6	14.7	15.1	15.0	3.4	3.3	3.3
Iowa City	1.6	1.7	1.7	11.5	12.7	12.4	25.8	24.6	25.5
Sioux City	2.7	2.7	2.7	17.4	16.9	17.0	6.1	6.3	6.3
Waterloo-Cedar Falls	2.9	2.8	2.8	16.0	16.0	16.1	10.3	10.2	10.5
Kansas	59.0	59.6	59.2	271.9	280.7	280.9	208.2	212.6	217.0
Lawrence	1.8	1.8	1.9	8.7	8.2	8.2	11.5	10.2	11.8
Topeka	6.3	6.3	6.3	24.9	25.0	25.0	22.1	22.6	23.4
Wichita	11.1	11.0	11.0	67.1	66.6	66.4	28.9	29.3	28.7
Kentucky	63.5	62.6	62.8	364.8	373.7	375.5	263.8	264.6	264.8
Lexington	9.4	9.1	9.3	80.6	62.5	63.3	49.7	51.5	50.4
Louisville	28.8	29.5	29.4	136.7	139.6	139.6	66.3	67.0	66.2
Owensboro	1.7	1.6	1.6	9.4	9.7	9.8	6.7	6.7	6.7
Louisiana	78.1	79.4	79.6	408.2	426.3	430.9	334.1	339.6	336.3
Alexandria	2.2	2.2	2.2	14.2	14.4	14.4	12.6	13.1	12.6
Baton Rouge	14.8	14.7	14.7	63.4	65.0	65.0	54.5	55.9	54.6
Houma	2.3	2.2	2.2	11.6	12.1	12.1	11.3	11.9	11.9
Lafayette	5.6	5.7	5.7	32.8	32.8	33.1	22.0	22.3	21.8
Lake Charles	2.7	2.6	2.6	17.1	18.2	18.3	12.2	13.3	12.4
Monroe	4.3	4.4	4.4	15.8	16.1	16.1	11.3	12.0	11.4
New Orleans	29.9	30.3	30.4	167.0	170.5	171.1	101.7	103.4	103.0
Shreveport-Bossier City	6.7	6.7	6.6	41.5	45.1	45.2	30.4	30.8	30.4
Maine	26.2	26.2	26.2	142.0	144.6	145.3	84.1	83.3	82.8
Lewiston-Auburn	1.9	2.0	2.0	11.1	11.9	12.0	4.0	4.1	4.1
Portland	12.3	12.2	12.1	37.3	35.3	35.2	14.5	14.9	14.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Maryland	2,102.5	2,123.7	2,117.1	1.2	1.1	1.2	126.2	125.8	126.3
Baltimore PMSA	1,096.7	1,105.5	1,102.1	.2	.2	.2	59.8	60.6	61.0
Baltimore City	418.6	417.8	414.0	(¹)	(¹)	(¹)	13.1	13.3	13.4
Suburban Maryland-D.C.	761.8	776.1	773.8	(¹)	(¹)	(¹)	53.1	53.7	53.9
Massachusetts	2,847.2	2,924.0	2,928.7	1.3	1.3	1.2	91.2	93.7	95.5
Boston	1,727.4	1,780.9	1,776.6	.5	.5	.4	51.5	50.6	51.5
Brockton	80.7	82.3	82.5	(¹)	(¹)	(¹)	2.6	2.6	2.6
Fitchburg-Leominster	48.0	48.4	48.5	(¹)	(¹)	(¹)	1.4	1.3	1.3
Lawrence	132.1	134.2	135.3	(¹)	(¹)	(¹)	5.0	4.9	5.0
Lowell	100.7	101.3	101.8	(¹)	(¹)	(¹)	4.3	4.4	4.4
New Bedford	60.5	60.6	61.7	(¹)	(¹)	(¹)	2.0	2.0	2.0
Pittsfield	41.1	41.9	41.6	.1	.1	.1	1.4	1.4	1.4
Springfield	233.2	236.7	235.7	.2	.1	.1	7.1	7.4	7.4
Worcester	202.6	207.5	207.5	.2	.2	.2	6.2	6.9	7.0
Michigan	3,960.6	4,070.1	4,095.3	7.5	9.2	9.3	149.7	156.0	156.2
Ann Arbor	236.1	242.2	242.2	(¹)	(¹)	(¹)	7.0	7.2	7.2
Benton Harbor	67.6	68.7	69.4	(¹)	(¹)	(¹)	2.0	2.1	2.2
Detroit	1,874.6	1,914.1	1,926.6	1.0	1.1	1.1	62.8	66.5	66.5
Flint	161.0	164.7	165.3	(¹)	(¹)	(¹)	5.8	6.0	6.1
Grand Rapids-Muskegon-Holland	482.2	475.7	479.1	(¹)	(¹)	(¹)	20.9	22.2	22.4
Jackson	54.8	56.2	56.5	(¹)	(¹)	(¹)	1.7	1.9	1.9
Kalamazoo-Battle Creek	192.3	194.4	195.8	(¹)	(¹)	(¹)	7.2	7.5	7.5
Lansing-East Lansing	201.7	210.5	211.3	(¹)	(¹)	(¹)	6.8	7.0	6.9
Saginaw-Bay City-Midland	165.5	169.2	169.7	(¹)	(¹)	(¹)	8.1	8.3	8.5
Minnesota	2,241.5	2,300.6	2,306.7	7.0	6.2	6.6	91.3	91.7	93.3
Duluth-Superior	100.6	102.1	101.5	4.5	5.4	5.4	4.1	4.2	4.2
Minneapolis-St. Paul	1,453.4	1,468.4	1,490.4	(¹)	(¹)	(¹)	54.4	54.5	54.9
Rochester	70.2	70.0	70.0	(¹)	(¹)	(¹)	2.6	2.5	2.6
St. Cloud	74.4	76.6	76.5	(¹)	(¹)	(¹)	3.8	4.0	4.1
Mississippi	997.5	1,028.8	1,032.3	5.3	5.2	5.2	40.9	42.4	43.0
Jackson	196.0	202.9	203.6	(¹)	(¹)	(¹)	8.3	8.4	8.5
Missouri	2,402.4	2,471.2	2,470.0	4.6	4.3	4.3	103.0	113.7	114.2
Kansas City	806.3	826.1	827.0	(¹)	(¹)	(¹)	36.1	40.7	41.2
St. Louis	1,180.6	1,216.5	1,213.5	(¹)	(¹)	(¹)	56.5	66.5	65.8
Springfield	136.8	142.9	142.9	(¹)	(¹)	(¹)	6.2	6.5	6.3
Montana	334.2	335.3	341.2	5.8	5.9	5.8	16.6	16.7	17.4
Nebraska	765.8	778.4	782.7	1.5	1.5	1.5	35.0	35.7	35.3
Lincoln	128.7	128.8	130.2	(¹)	(¹)	(¹)	5.9	5.9	5.9
Omaha	345.2	350.0	350.6	(¹)	(¹)	(¹)	16.9	17.0	16.8
Nevada	675.4	709.7	715.6	12.8	13.1	13.1	49.3	50.5	51.0
Las Vegas	456.1	483.3	489.1	1.8	1.8	1.8	38.0	38.0	38.3
Reno	151.4	156.4	156.2	.7	.7	.7	8.2	9.0	9.1
New Hampshire	504.5	513.6	513.2	.5	.5	.5	19.3	19.2	19.1
Manchester	85.9	86.6	85.3	(¹)	(¹)	(¹)	3.8	3.7	3.7
Nashua	78.3	79.3	79.8	(¹)	(¹)	(¹)	2.3	2.2	2.2
Portsmouth-Rochester	101.3	103.8	104.5	(¹)	(¹)	(¹)	2.9	2.8	2.9
New Jersey	3,513.7	3,583.3	3,583.4	1.9	1.9	1.9	120.9	130.2	130.5
Atlantic-Cape May	183.2	187.3	186.8	(¹)	(¹)	(¹)	5.8	5.9	5.7
Bergen-Passaic	605.5	611.9	613.3	(¹)	(¹)	(¹)	21.5	23.0	23.2
Camden	429.2	437.9	438.1	(¹)	(¹)	(¹)	18.2	20.4	20.7
Jersey City	231.9	234.8	235.6	(¹)	(¹)	(¹)	4.6	5.2	5.1
Middlesex-Somerset-Hunterdon	544.1	556.3	557.6	.6	.5	.5	17.7	18.3	18.3
Monmouth-Ocean	343.4	355.4	353.5	(¹)	(¹)	(¹)	14.9	17.2	17.6
Newark	906.2	924.3	918.0	.7	.8	.8	30.3	31.4	30.8
Trenton	191.2	196.1	193.3	(¹)	(¹)	(¹)	4.3	4.8	4.8
Vineland-Milville-Bridgeton	54.8	56.6	56.3	.3	.3	.3	1.8	1.9	2.0
New Mexico	625.8	657.4	658.5	16.1	16.9	17.0	37.7	43.3	43.8
Albuquerque	288.9	304.7	305.6	(¹)	(¹)	(¹)	18.6	21.3	21.3
Las Cruces	43.5	44.7	45.0	(¹)	(¹)	(¹)	2.6	2.8	2.8
Santa Fe	69.3	69.7	70.9	(¹)	(¹)	(¹)	3.7	3.6	3.6
New York	7,728.2	7,827.5	7,817.4	5.4	5.7	5.8	259.8	269.7	272.6
Albany-Schenectady-Troy	427.4	427.4	429.5	.5	.8	.6	17.2	17.1	17.4
Binghamton	112.6	108.9	109.6	(¹)	(¹)	(¹)	4.7	4.7	4.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Maryland	179.5	176.8	177.9	97.7	95.7	95.5	506.5	512.3	510.6
Baltimore PMSA	108.1	105.8	106.8	52.2	50.9	51.2	252.7	254.1	254.9
Baltimore City	37.8	37.2	37.3	21.3	20.1	20.1	67.8	67.0	67.5
Suburban Maryland-D.C.	33.8	34.4	34.0	31.1	31.9	32.0	186.0	191.0	190.6
Massachusetts	449.8	443.1	447.2	122.1	124.9	124.7	651.8	675.1	677.2
Boston	224.4	221.1	221.8	76.7	80.9	80.5	372.4	386.5	386.8
Brockton	10.8	10.6	10.9	4.3	4.5	4.4	26.0	26.9	26.9
Fitchburg-Leominster	14.3	14.4	14.6	1.6	1.6	1.8	10.9	10.5	10.5
Lawrence	34.0	34.2	34.9	3.8	3.8	3.8	33.9	34.1	34.4
Lowell	31.0	30.6	30.8	5.0	5.1	5.2	20.7	20.9	20.9
New Bedford	15.5	14.9	15.9	2.3	2.2	2.2	14.8	14.9	15.0
Pittsfield	7.8	7.4	7.4	1.2	1.1	1.1	10.0	10.1	10.2
Springfield	40.5	39.9	39.6	6.1	6.0	6.0	53.7	53.8	54.1
Worcester	38.9	39.0	39.5	9.2	10.0	9.9	45.6	46.3	46.2
Michigan	895.6	826.4	944.0	158.1	161.0	162.2	944.9	970.1	972.3
Ann Arbor	51.8	53.4	54.0	5.5	5.4	5.5	47.3	48.1	47.7
Benton Harbor	20.2	20.6	21.0	2.9	2.9	3.0	14.9	15.1	15.2
Detroit	413.1	421.7	433.1	84.9	86.6	86.6	450.5	454.9	453.7
Flint	44.3	45.9	45.5	4.5	4.2	4.1	40.0	40.0	40.3
Grand Rapids-Muskegon-Holland	134.7	140.4	141.7	17.1	17.3	17.4	114.2	114.8	115.3
Jackson	12.0	12.7	12.8	3.6	3.6	3.7	13.7	13.8	13.9
Kalamazoo-Battle Creek	49.7	50.1	50.7	6.2	6.4	6.4	42.5	42.9	43.2
Lansing-East Lansing	22.3	28.7	29.5	6.3	6.4	6.4	46.9	47.5	47.7
Saginaw-Bay City-Midland	40.9	41.9	41.5	6.6	6.4	6.5	42.3	43.3	43.6
Minnesota	412.4	419.9	425.1	107.3	109.0	107.6	543.3	553.7	557.8
Duluth-Superior	6.2	6.4	6.4	6.4	6.0	6.0	26.3	26.5	26.4
Minneapolis-St. Paul	268.3	270.2	271.6	76.0	77.3	76.3	346.1	352.6	355.7
Rochester	11.9	11.4	11.4	2.0	2.0	2.0	14.4	14.9	15.0
St. Cloud	13.9	14.5	14.5	2.6	2.8	2.8	23.5	23.7	23.9
Mississippi	253.4	256.6	259.7	45.9	46.1	46.2	210.9	217.0	216.8
Jackson	21.7	21.9	22.3	13.4	15.2	15.4	46.8	49.3	48.5
Missouri	411.0	408.6	413.4	153.1	154.4	154.2	580.1	585.8	588.4
Kansas City	105.1	104.7	106.2	63.9	64.2	63.9	199.9	202.6	203.7
St. Louis	197.4	194.1	196.6	76.5	60.5	61.0	285.6	289.2	289.0
Springfield	20.9	21.5	21.9	6.2	6.4	6.4	39.7	41.3	41.7
Montana	23.6	22.9	23.1	20.2	20.5	20.6	91.3	92.8	94.2
Nebraska	103.6	104.6	105.8	46.8	47.4	48.0	196.6	196.9	199.1
Lincoln	15.3	16.1	16.3	7.5	7.4	7.4	27.0	27.3	27.5
Omaha	34.6	34.2	34.7	24.0	24.5	24.9	88.0	88.7	89.2
Nevada	30.5	32.0	32.1	35.4	38.6	37.0	134.6	140.6	141.1
Las Vegas	16.4	17.1	17.2	23.0	24.2	24.4	92.6	97.0	97.5
Reno	10.8	11.3	11.3	10.4	10.7	10.6	34.2	35.5	35.5
New Hampshire	96.9	96.9	98.6	17.4	17.9	17.3	132.8	134.5	133.8
Manchester	11.3	11.2	11.2	5.4	6.0	5.9	20.6	21.2	20.6
Nashua	26.4	26.0	26.3	2.1	2.0	2.0	20.1	20.0	20.0
Portsmouth-Rochester	17.2	16.9	17.7	3.5	3.9	3.7	27.0	27.7	27.8
New Jersey	517.2	505.3	513.1	232.3	235.6	236.1	822.9	843.2	844.0
Atlantic-Cape May	7.3	7.1	7.1	7.2	7.5	7.4	43.4	45.2	45.1
Bergen-Passaic	115.7	110.7	114.2	27.4	28.1	28.2	168.7	171.4	171.0
Camden	57.7	58.6	57.8	19.5	19.8	19.9	113.3	118.8	117.0
Jersey City	33.9	34.3	35.3	28.2	28.4	28.6	53.7	54.5	54.7
Middlesex-Somerset-Hunterdon	95.4	93.1	94.4	43.6	44.1	44.3	127.2	129.7	130.1
Monmouth-Ocean	21.2	20.8	21.0	16.1	16.1	17.6	94.7	98.2	97.8
Newark	142.6	140.4	141.5	76.3	76.0	77.4	177.6	182.2	182.2
Trenton	23.9	22.4	22.2	6.6	6.5	6.3	30.5	31.6	31.5
Vineland-Millville-Bridgeton	14.0	14.3	14.4	2.0	2.0	2.0	10.3	10.8	10.5
New Mexico	43.5	44.6	46.3	28.4	29.0	29.0	150.2	157.1	157.6
Albuquerque	26.5	27.6	28.1	12.4	12.9	13.1	69.9	73.8	74.1
Las Cruces	2.7	2.3	2.8	1.5	1.5	1.5	9.8	10.1	10.2
Santa Fe	2.2	2.1	2.2	1.1	1.2	1.2	14.7	14.9	15.2
New York	963.1	952.6	955.4	396.6	396.2	395.4	1,556.2	1,584.4	1,586.7
Albany-Schenectady-Troy	44.5	43.7	43.6	16.1	15.7	15.7	86.6	86.5	87.4
Binghamton	26.8	24.1	24.4	4.6	4.1	4.1	24.8	24.6	24.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Maryland	130.6	130.1	129.5	665.6	681.4	677.7	395.0	400.5	398.4
Baltimore PMSA	74.0	73.3	73.4	347.2	354.3	352.2	202.5	206.3	202.4
Baltimore City	38.4	38.0	37.7	146.4	150.3	148.9	91.8	91.9	89.1
Suburban Maryland-D.C.	47.7	47.8	47.4	254.3	257.8	256.6	155.8	159.5	159.3
Massachusetts	202.0	204.1	204.3	961.5	1,014.9	1,014.4	367.7	366.9	364.2
Boston	146.2	149.4	149.3	648.8	682.3	682.7	204.9	209.6	205.8
Brockton	3.3	3.5	3.5	19.6	20.0	20.2	14.1	14.2	14.0
Fitchburg-Leominster	1.7	1.8	1.8	11.6	12.4	12.2	6.3	6.2	6.1
Lawrence	5.0	5.0	5.0	34.7	36.8	36.6	15.7	15.4	15.6
Lowell	3.4	3.4	3.4	23.9	25.0	25.2	12.4	11.9	11.9
New Bedford	2.0	2.0	2.0	15.0	15.5	15.5	8.9	9.1	9.1
Pittsfield	1.9	2.0	2.0	14.0	15.2	15.2	4.7	4.6	4.4
Springfield	14.1	13.7	13.6	69.4	72.9	72.4	40.1	40.9	40.3
Worcester	15.2	15.7	15.7	57.9	59.9	59.8	29.4	29.5	29.2
Michigan	195.6	199.0	198.4	1,031.5	1,070.8	1,075.3	577.5	577.7	577.7
Ann Arbor	9.6	9.6	9.6	56.3	57.1	57.1	58.7	61.3	61.1
Benton Harbor	2.6	2.6	2.6	16.0	16.7	16.6	9.0	6.4	8.9
Detroit	109.1	110.1	109.3	541.3	560.5	563.1	212.0	212.6	213.3
Flint	6.3	6.5	6.5	40.8	41.5	42.1	19.4	20.7	20.7
Grand Rapids-Muskegon-Holland ..	19.5	19.6	19.6	112.0	116.0	116.7	43.9	45.6	46.1
Jackson	1.8	1.9	1.9	12.6	12.9	13.0	9.3	9.3	9.2
Kalamazoo-Battle Creek	10.2	10.6	10.7	46.5	47.3	47.7	30.0	29.8	29.6
Lansing-East Lansing	12.4	12.6	12.6	48.3	49.2	49.0	58.6	59.3	59.2
Saginaw-Bay City-Midland	6.4	6.3	6.4	40.9	41.9	42.1	20.4	21.0	21.1
Minnesota	137.4	140.0	139.8	623.1	645.3	648.4	319.7	332.8	326.1
Duluth-Superior	3.5	3.5	3.5	27.6	27.8	27.7	20.0	20.3	19.9
Minneapolis-St. Paul	109.1	111.2	111.2	412.0	425.0	425.9	187.0	196.9	194.1
Rochester	1.9	1.9	1.9	31.1	30.8	30.6	6.3	6.5	6.5
St. Cloud	2.4	2.4	2.4	18.0	18.6	18.4	10.0	10.6	10.4
Mississippi	39.2	39.3	39.5	196.5	220.4	215.7	203.4	199.8	206.2
Jackson	14.6	14.6	14.6	50.9	52.8	52.5	39.9	40.4	41.5
Missouri	143.1	145.7	145.7	659.8	696.3	695.4	347.7	362.4	354.4
Kansas City	62.7	63.7	63.5	222.5	228.5	227.3	116.1	121.5	121.2
St. Louis	74.7	75.0	74.9	356.8	374.1	373.2	133.1	137.1	133.0
Springfield	6.2	6.5	6.5	40.7	43.1	43.1	14.9	15.6	15.0
Montana	15.0	15.4	15.3	92.2	93.2	93.4	69.5	68.1	71.4
Nebraska	50.8	50.9	50.8	187.9	194.8	195.7	143.6	146.6	146.5
Lincoln	8.6	8.6	8.6	30.4	30.5	30.8	34.0	33.0	33.7
Omaha	30.0	29.9	29.8	104.1	106.9	106.9	47.6	48.8	48.3
Nevada	31.4	32.2	32.2	297.5	319.4	320.7	83.9	85.1	88.4
Las Vegas	23.0	23.8	23.5	210.0	230.5	231.6	51.3	51.1	54.8
Reno	7.2	7.4	7.4	61.9	62.6	62.6	18.2	19.2	18.8
New Hampshire	30.4	29.5	29.3	142.3	147.9	148.0	65.1	67.2	66.6
Manchester	7.7	6.8	6.6	27.7	28.4	27.9	9.2	9.3	9.4
Nashua	3.2	3.1	3.0	18.3	19.8	20.2	5.9	6.2	6.1
Portsmouth-Rochester	6.8	6.5	6.5	24.7	26.6	27.0	19.2	19.4	19.1
New Jersey	232.0	236.0	235.0	1,038.7	1,075.4	1,075.8	547.8	555.7	547.0
Atlantic-Cape May	6.0	5.8	5.8	66.1	67.6	67.7	27.4	28.2	28.0
Bergen-Passaic	36.3	38.5	38.5	168.1	169.9	169.6	67.8	70.3	68.6
Camden	22.8	22.5	22.3	126.3	127.7	127.6	71.4	74.1	73.0
Jersey City	19.9	20.6	20.8	50.6	52.7	53.0	41.0	39.1	38.3
Middlesex-Somerset-Hunterdon ..	43.6	44.2	44.1	142.6	152.1	152.1	73.4	74.3	73.8
Monmouth-Ocean	19.3	19.0	18.8	113.3	119.5	118.1	61.9	62.6	62.4
Newark	66.6	70.0	69.4	272.7	283.4	281.5	137.2	138.1	134.4
Trenton	10.6	10.6	10.7	62.6	66.9	65.4	52.1	53.3	52.4
Vineland-Millville-Bridgeton ..	3.4	3.4	3.4	11.1	11.3	11.2	11.9	12.6	12.5
New Mexico	28.0	29.7	29.6	170.5	180.2	179.8	151.4	156.6	155.4
Albuquerque	15.5	16.5	16.3	89.4	93.5	94.2	56.6	58.9	58.5
Las Cruces	1.9	1.9	1.9	9.5	9.9	9.9	15.7	16.2	15.9
Santa Fe	2.8	3.0	3.1	20.3	20.4	20.9	24.5	24.5	24.5
New York	734.1	742.1	740.7	2,416.6	2,487.6	2,486.6	1,374.1	1,389.1	1,374.3
Albany-Schenectady-Troy	27.6	27.4	27.3	128.2	128.1	128.9	106.4	108.4	108.8
Binghamton	4.2	4.2	4.1	28.1	28.1	28.3	19.5	19.1	19.0

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
New York—Continued									
Buffalo–Niagara Falls	528.1	533.5	532.8	(¹)	(¹)	(¹)	21.7	21.6	21.9
Dutchess County	101.4	100.1	100.3	(¹)	(¹)	(¹)	4.4	4.1	4.1
Elmira	39.7	40.3	40.5	(¹)	(¹)	(¹)	1.4	1.4	1.5
Glens Falls	51.9	53.5	53.4	(¹)	(¹)	(¹)	2.2	2.2	2.1
Nassau–Suffolk	1,050.8	1,058.6	1,054.7	(¹)	(¹)	(¹)	42.5	42.2	42.5
New York PMSA	3,753.2	3,790.6	3,781.8	(¹)	(¹)	(¹)	108.7	112.1	112.3
New York City	3,262.7	3,299.6	3,291.9	0.3	0.3	0.3	87.1	90.9	91.1
Newburgh	115.5	116.0	116.5	(¹)	(¹)	(¹)	4.0	4.1	4.2
Rochester	512.7	516.1	515.8	.9	.8	.9	18.3	18.4	18.7
Rockland County	97.5	98.8	98.0	(¹)	(¹)	(¹)	3.2	3.2	3.3
Syracuse	326.2	329.4	329.3	(¹)	(¹)	(¹)	16.0	16.1	16.4
Utica–Rome	125.7	127.3	127.4	(¹)	(¹)	(¹)	3.8	3.9	4.0
Westchester County	373.9	373.6	373.0	(¹)	(¹)	(¹)	16.7	16.4	16.5
North Carolina	3,247.4	3,300.6	3,315.2	3.4	3.4	3.4	159.4	168.0	167.8
Asheville	98.0	98.7	98.4	(¹)	(¹)	(¹)	4.8	5.1	5.1
Charlotte–Gastonia–Rock Hill	652.1	657.0	663.7	(¹)	(¹)	(¹)	32.9	33.6	33.6
Greensboro–Winston–Salem–High Point	584.1	572.4	572.4	(¹)	(¹)	(¹)	24.6	24.5	24.5
Raleigh–Durham–Chapel Hill	518.9	519.7	524.4	(¹)	(¹)	(¹)	24.5	24.3	24.4
North Dakota	285.8	292.2	293.2	4.0	3.9	3.9	14.4	15.4	15.5
Bismarck	43.7	44.7	44.7	(¹)	(¹)	(¹)	2.5	2.6	2.7
Fargo–Moorhead	83.3	84.6	84.4	(¹)	(¹)	(¹)	5.4	6.1	6.2
Grand Forks	44.3	46.2	46.1	(¹)	(¹)	(¹)	2.3	2.8	2.8
Ohio	4,907.5	4,952.1	4,956.8	14.4	14.5	14.4	203.8	200.1	202.0
Akron	290.5	297.1	296.4	.4	.4	.4	11.4	11.2	11.5
Canton–Massillon	169.3	172.5	172.4	.7	.7	.7	7.9	8.4	8.5
Cincinnati	769.5	782.3	781.6	.8	.7	.7	35.6	35.1	35.4
Cleveland–Lorain–Elyria	1,050.1	1,060.1	1,056.5	.9	.9	1.0	41.4	41.2	41.4
Columbus	725.5	726.6	729.1	.7	.7	.7	29.6	28.5	28.9
Dayton–Springfield	439.8	441.4	443.6	.6	.6	.6	16.3	15.9	15.9
Toledo	287.9	292.1	291.3	.2	.2	.2	12.3	10.9	10.9
Youngstown–Warren	227.8	234.6	230.2	.7	.7	.7	9.5	9.9	9.9
Oklahoma	1,237.7	1,261.1	1,257.1	35.8	35.3	34.8	43.3	47.8	48.0
Enid	23.0	22.6	23.0	.9	1.0	1.0	.7	.7	.8
Lawton	36.0	38.1	37.9	.1	.1	.1	1.4	1.5	1.5
Oklahoma City	440.6	452.5	448.8	8.2	8.4	8.2	15.5	16.3	16.2
Tulsa	332.4	334.2	334.5	9.5	9.4	9.4	12.6	13.2	13.0
Oregon	1,316.7	1,349.2	1,361.1	1.9	1.8	1.7	60.3	64.3	66.9
Eugene–Springfield	118.8	121.4	122.6	.2	.2	.2	5.5	6.2	6.5
Medford–Ashland	57.9	58.6	59.0	.1	.1	.1	2.5	2.5	2.6
Portland–Vancouver	771.4	791.4	795.2	.9	.9	.9	37.9	39.9	41.2
Salem	118.4	118.7	121.9	.2	.3	.3	5.4	5.3	5.4
Pennsylvania	5,091.3	5,159.1	5,157.9	21.8	20.3	20.1	214.3	218.1	220.6
Allentown–Bethlehem–Easton	251.2	253.3	254.2	(¹)	(¹)	(¹)	10.3	10.4	10.6
Altoona	56.5	57.8	58.0	(¹)	(¹)	(¹)	2.7	2.6	2.7
Erie	123.8	126.5	125.6	(¹)	(¹)	(¹)	4.7	4.8	4.8
Harrisburg–Lebanon–Carlisle	322.3	324.2	323.8	(¹)	(¹)	(¹)	13.5	13.7	13.5
Johnstown	83.2	84.0	84.2	(¹)	(¹)	(¹)	6.2	5.5	5.8
Lancaster	195.0	198.1	198.8	.4	.4	.4	11.5	11.1	11.5
Philadelphia PMSA	2,110.2	2,131.3	2,125.7	(¹)	(¹)	(¹)	80.8	86.2	87.7
Philadelphia City	679.5	682.4	678.4	(¹)	(¹)	(¹)	10.9	11.1	11.4
Pittsburgh	1,029.5	1,042.8	1,038.0	4.3	3.4	3.4	52.0	51.7	51.4
Reading	152.2	154.3	154.4	(¹)	(¹)	(¹)	6.9	6.8	6.9
Scranton–Wilkes–Barre–Hazleton	262.9	265.8	267.5	.7	.7	.6	9.7	10.3	10.1
Sharon	41.9	43.6	43.3	(¹)	(¹)	(¹)	1.4	1.4	1.5
State College	60.2	60.5	60.3	(¹)	(¹)	(¹)	3.3	2.9	2.9
Williamsport	50.2	50.5	50.6	(¹)	(¹)	(¹)	2.0	2.2	2.2
York	153.5	154.8	155.4	.5	.5	.5	7.9	8.3	8.2
Rhode Island	430.4	432.1	437.6	.2	.2	.2	13.2	14.0	13.2
Providence–Fall River–Warwick	477.5	477.7	485.7	.2	.2	.2	14.6	15.3	14.4

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
New York—Continued									
Buffalo–Niagara Falls	89.8	90.3	89.6	25.4	25.1	25.0	130.8	133.0	133.4
Dutchess County	16.4	14.6	14.6	3.8	3.8	3.7	20.9	21.2	21.3
Elmira	8.1	8.5	8.6	1.5	1.4	1.5	10.2	10.2	10.2
Glens Falls	9.5	9.6	9.6	1.6	1.6	1.6	12.7	13.8	13.7
Nassau–Suffolk	122.2	116.8	117.0	46.2	46.1	46.2	274.1	277.7	277.8
New York PMSA	354.5	342.6	346.1	226.1	224.1	222.9	635.3	639.7	639.5
New York City	295.0	284.5	287.9	200.3	198.6	197.8	528.4	532.2	532.1
Newburgh	13.2	13.4	13.5	6.2	6.2	6.1	29.4	30.1	30.4
Rochester	130.0	125.5	125.0	18.2	15.9	15.9	111.9	112.7	113.3
Rockland County	13.1	12.6	12.6	5.4	5.4	5.3	21.1	21.8	21.7
Syracuse	50.1	49.7	49.6	20.1	19.5	19.4	77.5	78.2	79.3
Utica–Rome	21.3	20.9	21.1	4.2	4.0	4.0	26.1	26.4	26.7
Westchester County	44.4	43.5	43.6	19.7	19.4	19.1	81.7	81.9	81.7
North Carolina	850.3	850.3	856.4	157.4	157.1	156.9	740.3	747.3	748.5
Asheville	21.4	21.2	21.2	4.8	5.0	5.0	22.9	23.0	22.8
Charlotte–Gastonia–Rock Hill	147.3	148.0	149.0	52.2	52.9	52.8	156.2	158.7	158.6
Greensboro–Winston–Salem–High Point	167.5	169.6	169.2	29.8	30.2	30.1	127.7	127.6	127.6
Raleigh–Durham–Chapel Hill	79.1	79.1	79.8	23.9	23.8	23.6	104.2	105.3	105.3
North Dakota	19.5	21.1	21.1	18.0	18.4	18.4	75.9	78.4	76.8
Bismarck	2.4	2.6	2.6	3.3	3.4	3.3	11.3	11.4	11.7
Fargo–Moorhead	8.3	6.6	6.3	4.7	4.6	4.7	24.5	24.2	24.2
Grand Forks	2.8	2.8	2.9	2.2	2.3	2.3	12.3	12.3	12.4
Ohio	1,049.4	1,054.6	1,060.6	216.6	213.9	213.6	1,186.4	1,193.7	1,197.9
Akron	62.2	62.2	62.2	14.2	14.0	13.8	70.8	71.5	71.4
Canton–Massillon	44.7	45.9	45.7	8.0	6.0	8.0	42.2	42.3	42.6
Cincinnati	143.0	142.4	142.3	40.1	40.6	40.7	196.6	199.6	200.0
Cleveland–Lorain–Elyria	218.8	218.0	218.6	43.2	42.5	42.4	248.4	245.0	245.4
Columbus	92.3	92.3	92.2	31.5	31.4	31.4	188.7	187.5	189.0
Dayton–Springfield	94.1	93.6	95.5	18.0	17.7	17.7	102.5	104.2	104.1
Toledo	55.1	57.9	58.3	15.5	12.9	13.0	73.2	72.9	72.8
Youngstown–Warren	53.9	56.6	52.4	8.8	8.6	8.4	60.5	61.4	61.4
Oklahoma	168.7	170.8	169.0	72.2	72.3	72.5	292.1	298.7	300.2
Enid	1.6	1.6	1.6	2.1	2.0	2.0	6.7	6.6	6.8
Lawton	3.7	3.9	3.8	1.8	1.7	1.7	8.5	8.6	8.5
Oklahoma City	48.6	50.5	49.5	21.8	21.9	21.2	106.4	108.8	108.8
Tulsa	54.7	54.0	53.9	26.8	26.7	26.8	77.7	77.0	76.8
Oregon	221.0	225.0	228.1	65.9	66.6	66.5	332.8	338.1	343.0
Eugene–Springfield	18.9	19.4	19.5	4.6	4.9	4.9	30.5	30.0	30.3
Medford–Ashland	8.9	9.3	9.3	2.9	3.0	3.0	16.9	17.0	17.3
Portland–Vancouver	126.9	130.4	130.6	43.8	43.3	43.8	194.3	198.0	200.9
Salem	19.5	19.4	21.5	3.4	3.5	3.5	26.0	26.1	26.3
Pennsylvania	943.0	937.3	942.8	258.5	263.6	262.7	1,151.1	1,166.0	1,170.2
Allentown–Bethlehem–Easton	61.7	61.5	61.8	12.5	12.3	12.1	52.3	52.0	52.8
Altoona	9.9	10.1	10.2	5.1	5.1	5.1	14.8	15.1	15.1
Erie	35.2	35.1	35.1	4.5	4.6	4.6	27.8	27.9	27.7
Harrisburg–Lebanon–Carlisle	48.2	48.0	48.1	20.8	20.6	20.6	69.0	68.4	68.4
Johnstown	12.4	13.0	13.1	4.4	4.4	4.3	20.0	19.9	20.2
Lancaster	58.1	55.7	56.2	6.8	6.6	6.6	49.0	50.2	50.2
Philadelphia PMSA	314.1	308.5	308.7	100.2	100.5	100.3	462.7	469.1	470.3
Philadelphia City	65.6	64.2	64.3	37.6	38.3	38.1	116.3	117.8	117.6
Pittsburgh	131.8	132.1	132.5	63.7	63.1	62.6	253.4	255.9	256.4
Reading	43.4	43.3	43.5	6.2	6.3	6.2	35.0	36.1	36.2
Scranton–Wilkes–Barre–Hazleton	59.6	58.1	60.8	14.8	15.2	15.1	63.4	65.1	65.0
Sharon	9.7	10.3	10.3	1.7	1.9	1.8	10.9	10.9	11.1
State College	8.4	9.0	8.9	1.8	1.8	1.7	11.7	11.4	11.4
Williamsport	13.7	13.4	13.5	1.7	1.8	1.8	11.9	11.9	12.0
York	46.4	46.0	46.2	8.3	8.2	8.2	37.6	37.5	37.5
Rhode Island	87.3	80.6	86.9	14.1	14.4	14.2	95.9	97.1	98.2
Providence–Fall River–Warwick	109.4	102.7	111.0	16.3	16.7	16.5	108.7	108.8	110.0

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
New York—Continued									
Buffalo-Niagara Falls	28.8	28.5	28.8	149.9	151.0	151.4	81.8	84.1	83.0
Dutchess County	4.5	4.6	4.8	30.7	31.6	31.8	20.7	20.4	20.2
Elmira	1.5	1.5	1.5	10.4	10.8	10.7	6.6	6.7	6.6
Glens Falls	1.7	1.7	1.7	15.7	15.9	15.9	8.5	8.9	8.8
Nassau-Suffolk	81.0	80.7	80.6	326.1	331.4	330.8	158.8	163.7	159.8
New York PMSA	507.0	516.7	515.7	1,264.9	1,299.6	1,295.3	656.7	655.9	650.1
New York City	473.1	484.0	483.3	1,101.1	1,133.4	1,129.3	577.4	575.6	570.1
Newburgh	6.3	6.4	6.4	30.9	30.8	31.0	25.5	25.1	24.9
Rochester	24.5	24.6	24.7	141.5	147.6	147.7	89.5	70.5	69.7
Rockland County	5.3	5.3	5.2	30.0	30.7	30.6	19.5	19.9	19.4
Syracuse	19.9	19.8	19.8	89.5	89.7	89.3	55.2	56.5	55.4
Utica-Rome	8.2	8.2	8.2	32.0	33.6	33.3	30.2	30.3	30.0
Westchester County	27.6	26.4	26.2	127.7	129.6	129.4	56.1	56.4	56.6
North Carolina	140.3	146.9	147.1	701.3	732.8	733.9	495.0	494.8	501.2
Asheville	3.1	3.2	3.2	27.9	28.0	28.0	13.1	13.2	13.1
Charlotte-Gastonia-Rock Hill	41.2	43.3	43.5	149.3	152.9	153.0	73.0	87.6	73.2
Greensboro-Winston-Salem—High Point	26.1	26.8	26.5	131.4	134.9	134.6	55.0	57.0	57.9
Raleigh-Durham-Chapel Hill	24.5	25.1	25.1	151.7	157.5	157.3	109.0	104.6	108.9
North Dakota	13.7	14.0	14.1	77.7	80.1	80.2	62.6	62.9	63.2
Bismarck	1.9	2.0	2.0	13.3	13.4	13.4	9.0	9.3	9.0
Fargo-Moorhead	5.3	5.4	5.4	23.8	24.4	24.2	13.3	13.3	13.4
Grand Forks	1.6	1.6	1.6	12.5	13.5	12.6	10.6	10.9	11.3
Ohio	262.4	264.2	263.7	1,292.9	1,315.6	1,315.2	681.6	695.3	689.4
Akron	12.1	12.6	12.6	80.5	85.6	85.2	38.9	39.6	39.3
Canton—Massillon	6.7	6.7	6.7	43.1	43.9	43.6	18.0	18.6	18.6
Cincinnati	46.3	47.1	46.8	212.0	216.7	218.3	95.3	98.1	97.4
Cleveland-Lorain-Elyria	66.3	67.9	67.9	302.2	309.7	309.4	130.9	134.9	132.4
Columbus	60.9	59.5	59.3	196.7	200.9	200.6	125.1	125.8	126.0
Dayton-Springfield	17.3	17.5	17.4	121.2	122.6	122.9	69.6	69.1	69.5
Toledo	11.2	11.4	11.5	83.0	85.0	84.6	39.4	40.9	40.0
Youngstown-Warren	10.4	10.1	10.1	58.6	60.2	60.3	25.6	27.1	27.0
Oklahoma	62.3	62.8	62.4	307.4	319.4	317.0	255.9	254.0	253.2
Enid	1.1	1.1	1.1	5.9	5.9	5.9	4.0	3.7	3.8
Lawton	1.7	1.6	1.6	7.8	8.2	6.2	11.0	12.3	12.3
Oklahoma City	26.5	26.1	26.0	120.2	123.3	123.4	93.4	97.2	95.5
Tulsa	18.1	16.0	16.1	93.5	97.4	97.4	39.5	38.5	39.1
Oregon	93.9	96.0	98.3	329.0	338.4	340.1	211.9	217.0	216.5
Eugene-Springfield	6.9	7.4	7.5	31.1	31.4	32.0	21.1	21.9	21.7
Medford-Ashland	2.9	2.9	2.6	14.7	14.9	15.0	9.0	8.9	8.9
Portland-Vancouver	64.5	65.6	65.6	204.0	211.6	211.8	99.1	101.7	100.2
Salem	6.8	6.8	6.8	26.6	26.9	27.3	30.5	30.4	30.8
Pennsylvania	307.1	311.8	310.5	1,527.1	1,566.4	1,563.6	668.4	675.6	667.2
Allentown-Bethlehem-Easton	14.0	14.6	14.6	75.1	76.6	76.5	25.3	25.9	25.8
Altoona	1.9	2.0	2.0	14.6	14.6	14.6	7.5	6.1	6.3
Erie	5.8	5.9	5.8	33.2	34.5	34.1	12.6	13.7	13.5
Harrisburg-Lebanon-Carlisle	22.7	23.5	23.5	80.6	80.9	80.8	67.7	69.1	66.7
Johnstown	4.3	4.4	4.3	23.4	23.8	23.8	12.5	13.0	12.9
Lancaster	9.3	9.2	9.3	46.3	46.6	46.7	15.6	16.3	15.9
Philadelphia PMSA	157.3	153.9	153.2	705.0	725.1	721.7	290.1	290.0	283.8
Philadelphia City	58.3	57.2	58.9	259.2	262.6	262.4	131.6	131.2	127.7
Pittsburgh	61.0	62.5	62.4	350.0	359.6	358.2	113.3	114.3	111.1
Reading	9.0	9.6	9.5	35.4	35.7	35.9	16.3	16.5	16.2
Scranton—Wilkes-Barre—Hazleton	12.1	11.9	12.3	69.6	70.6	70.6	33.0	33.7	33.2
Sharon	1.6	1.6	1.5	11.6	12.2	12.1	5.0	5.3	5.0
State College	2.1	2.2	2.2	11.9	12.1	12.0	21.0	21.1	21.2
Williamsport	2.2	2.2	2.2	12.7	12.9	12.9	6.0	6.1	6.0
York	5.1	5.2	5.2	33.8	35.0	35.6	14.1	14.1	14.0
Rhode Island	25.5	25.4	25.4	136.2	140.9	140.8	58.0	59.5	58.7
Providence-Fall River-Warwick	27.0	27.1	27.1	142.2	145.7	146.0	59.1	61.2	60.5

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	Total			Mining			Construction		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
South Carolina	1,570.3	1,584.5	1,586.1	1.8	1.7	1.7	83.6	82.8	82.5
Charleston-North Charleston	204.1	202.1	203.1	(¹)	(¹)	(¹)	12.1	11.9	12.2
Columbia	245.5	247.7	248.0	(¹)	(¹)	(¹)	12.3	12.3	12.2
Greenville-Spartanburg-Anderson	413.1	416.1	417.9	(¹)	(¹)	(¹)	25.1	26.6	26.7
South Dakota	323.3	333.9	334.5	2.6	2.4	2.3	15.2	15.9	16.2
Rapid City	43.8	45.3	45.5	(¹)	(¹)	(¹)	2.8	3.0	3.2
Sioux Falls	88.4	91.4	90.4	(¹)	(¹)	(¹)	4.8	5.1	5.2
Tennessee	2,339.9	2,387.4	2,399.1	4.4	4.9	4.8	99.1	100.8	101.2
Chattanooga	207.8	211.6	210.8	(¹)	(¹)	(¹)	7.7	8.2	8.2
Johnson City-Kingsport-Bristol	181.4	180.7	180.9	(¹)	(¹)	(¹)	8.5	8.7	8.6
Knoxville	298.8	298.3	299.5	.2	.6	.5	15.4	15.9	16.2
Memphis	485.8	490.5	487.7	(¹)	(¹)	(¹)	18.9	19.1	19.2
Nashville	541.4	555.5	558.9	(¹)	(¹)	(¹)	23.4	25.4	25.3
Texas	7,495.5	7,716.8	7,738.2	167.5	161.9	162.2	358.9	380.1	383.3
Abilene	49.2	49.8	49.5	1.3	1.3	1.3	1.9	2.0	2.0
Amarillo	82.6	85.8	86.3	.8	.7	.7	3.4	4.0	4.0
Austin-San Marcos	445.5	466.3	467.5	1.0	1.0	1.0	18.1	21.5	21.7
Beaumont-Port Arthur	148.1	151.4	150.4	1.0	1.0	1.0	12.7	13.5	13.2
Brazoria	70.4	71.9	71.8	1.0	1.0	1.0	9.9	10.5	10.2
Brownsville-Harlingen-San Benito	88.5	89.4	89.6	(¹)	(¹)	(¹)	2.7	2.8	2.7
Bryan-College Station	58.3	60.3	59.7	.7	.7	.6	2.3	2.2	2.2
Corpus Christi	139.6	142.2	140.4	2.7	2.8	2.7	12.6	12.6	12.0
Dallas	1,479.8	1,543.6	1,553.4	16.9	17.1	17.0	56.0	63.0	63.3
El Paso	223.6	227.5	226.8	(¹)	(¹)	(¹)	8.5	9.3	9.3
Ft. Worth-Arlington	612.9	630.6	633.1	4.5	4.8	4.5	25.1	28.8	28.7
Galveston-Texas City	84.3	85.6	85.4	.7	.8	.8	5.0	4.9	5.1
Houston	1,657.9	1,689.6	1,691.8	65.5	65.9	65.4	107.3	115.1	114.6
Killeen-Temple	82.6	86.9	87.0	(¹)	(¹)	(¹)	3.4	4.5	4.5
Laredo	52.6	55.8	55.7	2.3	2.6	2.7	1.9	2.0	2.0
Longview-Marshall	76.7	80.2	80.1	3.5	3.5	3.5	3.3	3.6	3.6
Lubbock	102.2	104.0	104.4	.2	.1	.1	3.8	4.4	4.4
McAllen-Edinburg-Mission	111.3	117.1	117.9	.9	1.0	.9	5.0	5.2	5.1
Odessa-Midland	91.3	91.7	91.7	13.1	12.4	12.3	4.4	4.8	4.7
San Angelo	38.6	39.9	39.7	.6	.6	.6	1.6	1.5	1.6
San Antonio	568.9	585.5	585.4	1.8	1.8	1.8	25.7	27.2	27.4
Sherman-Denison	36.5	37.0	36.9	(¹)	(¹)	(¹)	1.6	1.5	1.5
Texarkana	48.0	47.4	47.6	.1	.1	.1	2.2	2.5	2.5
Tyler	66.3	68.2	68.2	1.4	1.4	1.4	2.3	2.4	2.4
Victoria	31.6	32.7	32.4	1.4	1.4	1.4	2.2	2.2	2.1
Waco	84.3	87.4	87.3	(¹)	(¹)	(¹)	3.8	4.2	4.2
Wichita Falls	53.0	53.8	53.7	1.4	1.4	1.4	1.6	1.8	1.9
Utah	814.0	854.1	860.4	8.5	8.2	8.3	44.0	52.9	54.4
Provo-Orem	106.5	114.0	114.7	(¹)	(¹)	(¹)	6.2	7.9	7.9
Salt Lake City-Ogden	553.3	580.2	584.3	3.2	3.1	3.2	29.6	34.8	35.9
Vermont	253.8	255.0	255.3	.7	.7	.7	13.4	12.4	12.7
Barre-Montpelier	28.1	28.4	28.1	(¹)	(¹)	(¹)	1.5	1.3	1.3
Burlington	85.4	88.0	88.3	(¹)	(¹)	(¹)	4.5	4.8	4.9
Virginia	2,920.8	3,007.0	3,005.8	12.0	11.8	11.8	160.9	166.2	167.4
Bristol	33.7	34.3	34.0	(¹)	(¹)	(¹)	1.1	1.3	1.2
Charlottesville	69.7	72.1	71.1	(¹)	(¹)	(¹)	4.2	4.1	4.2
Danville	43.0	43.1	43.9	(¹)	(¹)	(¹)	2.1	2.2	2.2
Lynchburg	92.3	94.8	95.0	(¹)	(¹)	(¹)	5.1	5.3	5.5
Norfolk-Virginia Beach-Newport News	609.4	620.6	622.4	(¹)	(¹)	(¹)	32.7	33.4	34.1
Northern Virginia	865.7	903.5	902.3	.5	.6	.6	47.1	52.3	52.7
Richmond-Petersburg	473.6	489.5	488.0	.7	.7	.7	28.0	28.6	29.0
Roanoke	129.3	135.4	135.7	(¹)	(¹)	(¹)	7.3	7.8	7.8
Washington	2,248.3	2,266.4	2,268.4	3.4	3.6	3.6	126.7	132.2	134.2
Seattle-Bellevue-Everett	1,142.8	1,159.7	1,157.9	.6	.6	.6	62.3	63.5	64.9
West Virginia	652.8	678.5	671.7	23.1	29.0	29.1	35.5	36.1	38.3
Charleston	121.9	123.4	123.2	1.7	1.8	1.7	7.3	7.8	7.8
Huntington-Ashland	109.2	109.2	109.2	1.8	1.8	1.8	5.4	5.2	5.2
Parkersburg-Marietta	83.5	85.0	85.2	.4	.4	.4	3.4	3.4	3.5
Wheeling	59.4	63.0	62.2	1.2	2.2	2.2	2.2	2.9	2.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
South Carolina	373.9	369.7	370.0	66.4	67.4	67.8	358.4	363.4	363.4
Charleston-North Charleston	20.6	19.6	19.8	10.6	10.2	10.3	51.3	51.3	51.5
Columbia	26.5	26.6	26.7	11.3	11.3	11.4	55.0	55.3	55.5
Greenville-Spartanburg-Anderson	125.1	123.6	123.8	17.1	17.4	17.4	96.4	97.7	98.1
South Dakota	39.8	44.3	44.8	14.9	15.3	15.2	84.3	86.3	86.3
Rapid City	4.4	4.6	4.6	1.9	2.0	1.9	13.6	14.1	14.4
Sioux Falls	11.2	11.8	11.6	5.6	5.7	5.7	24.1	25.3	24.6
Tennessee	531.2	538.8	540.4	126.0	130.0	131.0	539.5	558.8	561.3
Chattanooga	45.1	45.1	45.4	7.3	7.4	7.5	51.3	52.9	52.9
Johnson City-Kingsport-Bristol	54.2	53.2	53.3	7.7	7.9	8.0	40.7	41.8	41.7
Knoxville	50.5	50.9	50.6	11.2	11.1	11.2	74.4	73.0	73.8
Memphis	64.9	66.0	66.4	49.2	50.0	50.2	125.5	128.1	128.3
Nashville	83.5	96.6	96.0	32.3	32.7	32.7	128.8	133.1	133.4
Texas	991.3	1,002.9	1,003.0	438.9	448.3	450.5	1,820.7	1,876.2	1,887.8
Abilene	4.0	3.8	3.8	2.8	2.7	2.7	13.0	13.0	12.9
Amarillo	9.3	9.5	9.6	5.5	5.8	5.8	23.2	23.9	24.1
Austin-San Marcos	59.5	62.3	62.8	14.7	14.8	15.0	93.2	99.1	99.5
Beaumont-Port Arthur	25.4	25.0	25.0	9.3	9.4	9.4	34.0	34.8	34.6
Brazoria	17.2	17.2	17.1	2.7	2.8	2.6	13.5	14.0	14.1
Brownsville-Harlingen-San Benito	13.3	13.8	13.8	3.9	3.9	4.0	23.1	24.3	24.1
Bryan-College Station	3.8	3.9	3.9	1.4	1.5	1.5	12.8	12.8	12.6
Corpus Christi	13.6	13.6	13.7	8.6	6.3	6.1	32.1	33.5	33.4
Dallas	221.8	222.9	222.5	88.4	95.1	95.9	371.6	390.4	393.1
El Paso	46.3	46.1	46.5	11.5	11.5	11.5	54.4	54.9	54.9
Ft. Worth-Arlington	101.8	101.0	100.9	57.0	57.6	57.8	157.1	160.5	161.6
Galveston-Texas City	8.5	8.2	8.2	5.0	5.3	5.2	18.4	18.7	18.6
Houston	179.6	178.7	178.6	113.7	115.1	115.2	392.2	395.8	398.4
Killeen-Temple	9.3	9.5	9.3	2.8	2.7	2.7	18.8	19.8	19.9
Laredo	1.8	1.9	1.9	8.3	8.8	8.8	18.0	16.9	16.8
Longview-Marshall	17.0	17.2	17.1	3.8	3.7	3.8	20.2	19.8	19.8
Lubbock	7.4	7.8	7.8	5.2	5.2	5.1	28.4	28.9	29.2
McAllen-Edinburg-Mission	13.4	13.5	13.9	3.6	3.9	4.0	32.9	34.7	34.8
Odessa-Midland	6.5	6.5	6.4	4.3	4.2	4.3	24.0	24.4	24.6
San Angelo	4.7	5.0	5.0	2.8	2.8	2.7	9.2	9.7	9.6
San Antonio	47.0	48.2	47.9	26.7	27.5	27.6	141.9	147.9	147.8
Sherman-Denison	9.9	9.9	9.9	1.4	1.6	1.5	7.8	7.9	7.9
Texarkana	5.9	5.5	5.5	2.2	2.0	2.0	11.7	11.8	11.9
Tyler	11.6	11.8	11.8	3.1	3.1	3.1	17.0	17.7	17.8
Victoria	3.2	3.3	3.2	1.4	1.4	1.4	8.2	8.8	8.6
Waco	15.6	16.4	16.4	3.4	3.5	3.5	19.3	20.0	19.9
Wichita Falls	7.8	8.0	7.9	2.5	2.6	2.6	12.6	12.7	12.7
Utah	112.0	115.5	116.3	48.0	49.5	49.8	194.6	201.9	203.9
Provo-Orem	14.2	15.4	15.7	2.2	2.2	2.2	23.8	25.5	25.8
Salt Lake City-Ogden	71.5	73.3	73.7	37.7	39.3	39.8	134.4	139.9	141.4
Vermont	43.5	42.9	43.8	11.2	11.2	11.2	61.2	61.7	61.9
Barre-Montpelier	3.5	3.5	3.6	.8	.8	.8	8.1	6.3	6.1
Burlington	15.8	16.2	16.4	3.9	3.9	3.8	21.1	20.2	20.4
Virginia	406.4	401.8	403.1	150.5	153.8	153.8	855.2	881.2	881.1
Bristol	10.0	10.2	10.1	1.3	1.4	1.4	9.3	9.7	9.6
Charlottesville	7.7	7.6	7.9	2.4	2.4	2.4	14.1	14.7	14.8
Danville	16.2	15.2	15.8	1.1	1.2	1.2	9.0	9.5	9.5
Lynchburg	26.9	26.8	26.7	3.3	3.4	3.4	19.8	20.3	20.3
Norfolk-Virginia Beach-Newport News	68.8	65.8	65.7	29.7	30.4	30.3	144.1	147.0	148.0
Northern Virginia	39.3	39.5	39.5	52.9	52.2	52.3	194.4	203.5	202.9
Richmond-Petersburg	81.5	59.9	59.7	24.5	24.8	25.0	108.6	113.4	113.5
Roanoke	18.9	19.3	19.5	8.7	8.7	8.8	33.7	35.6	35.7
Washington	343.8	334.6	339.2	115.7	120.5	121.4	552.3	557.5	559.8
Seattle-Bellevue-Everett	204.5	194.9	195.4	70.0	72.8	71.4	272.5	283.3	284.8
West Virginia	83.3	81.2	81.1	39.1	39.9	39.8	151.5	155.6	156.4
Charleston	10.2	9.8	10.0	8.9	9.3	9.2	30.6	31.3	31.6
Huntington-Ashland	17.8	18.6	16.9	8.6	6.6	6.5	28.4	29.1	29.3
Parkersburg-Marietta	13.0	13.0	13.1	2.6	2.6	2.5	16.4	17.0	17.1
Wheeling	8.5	8.1	5.9	3.6	3.8	3.8	15.1	15.3	15.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
South Carolina	67.1	67.5	67.6	339.1	351.3	350.9	280.0	280.7	282.2
Charleston-North Charleston	8.2	8.2	8.2	50.9	52.4	52.3	50.4	48.5	48.8
Columbia	18.5	18.3	18.3	55.0	56.8	56.5	66.9	67.3	67.4
Greenville-Spartanburg-Anderson	14.8	14.8	14.8	85.2	87.9	88.4	49.6	48.1	48.7
South Dakota	18.0	18.5	18.3	85.7	87.2	87.3	62.8	64.0	64.1
Rapid City	1.6	1.6	1.6	13.1	13.3	13.2	6.4	6.7	6.6
Sioux Falls	9.0	9.5	9.4	25.2	25.2	25.0	8.5	8.8	8.7
Tennessee	104.8	106.7	106.8	583.9	600.7	600.9	349.0	346.7	352.7
Chattanooga	13.5	13.9	13.9	51.2	52.4	51.8	31.7	31.7	31.1
Johnson City-Kingsport-Bristol	5.3	5.2	5.1	40.4	37.1	37.3	24.6	28.8	26.9
Knoxville	10.5	10.7	10.8	83.5	82.9	83.0	53.1	53.2	53.4
Memphis	25.3	25.7	25.6	130.3	131.2	131.4	71.7	70.4	66.6
Nashville	30.9	31.0	31.1	163.4	167.7	167.6	69.1	69.0	72.8
Texas	431.8	440.3	440.8	1,950.9	2,045.1	2,040.5	1,335.5	1,361.8	1,370.1
Ablene	1.8	1.9	1.9	15.4	15.6	15.5	9.2	9.5	9.4
Amarillo	4.1	4.1	4.2	20.4	21.2	21.2	15.9	16.6	16.7
Austin-San Marcos	25.9	27.0	27.0	121.6	124.5	123.9	111.5	116.1	116.8
Beaumont-Port Arthur	4.6	4.8	4.8	39.5	40.5	40.1	21.6	22.4	22.3
Brazoria	1.9	1.9	1.8	11.8	12.3	12.5	12.4	12.4	12.5
Brownsville-Harlingen-San Benito	3.6	3.7	3.7	21.0	22.2	21.9	18.9	18.7	19.6
Bryan-College Station	2.3	2.5	2.5	12.4	13.3	13.5	22.8	23.4	22.9
Corpus Christi	6.1	6.2	6.2	36.0	37.2	36.5	29.9	30.0	29.8
Dallas	126.7	132.7	132.9	417.8	441.8	442.5	180.6	180.6	186.2
El Paso	6.4	8.5	8.5	48.6	50.1	50.2	45.9	47.1	45.9
Ft. Worth-Arlington	28.4	29.3	29.4	158.0	168.6	168.6	81.2	80.4	81.6
Galveston-Texas City	5.6	5.7	5.7	17.0	17.7	17.7	24.1	24.3	24.1
Houston	98.2	98.6	98.9	483.3	497.6	495.9	218.1	222.8	224.6
Killeen-Temple	3.6	3.7	3.7	20.7	21.7	21.6	24.2	25.0	25.3
Laredo	2.0	2.1	2.1	8.8	9.4	9.3	11.5	11.9	12.1
Longview-Marshall	2.7	2.7	2.7	17.7	19.1	19.1	10.5	10.6	10.7
Lubbock	4.5	4.7	4.7	29.0	29.2	29.1	23.7	23.7	24.0
McAllen-Edinburg-Mission	4.0	4.3	4.3	21.2	22.5	22.5	30.3	32.0	32.4
Odessa-Midland	3.7	3.6	3.6	19.8	20.3	20.3	15.5	15.5	15.5
San Angelo	1.8	1.7	1.6	10.7	11.3	11.2	7.4	7.3	7.4
San Antonio	40.0	42.1	42.1	166.6	170.5	170.0	119.2	120.3	120.8
Sherman-Denison	2.1	2.1	2.1	9.0	9.3	9.3	4.7	4.7	4.7
Texarkana	1.9	1.9	1.9	12.8	12.9	12.9	11.2	10.7	10.8
Tyler	3.3	3.3	3.3	18.2	18.8	18.7	9.4	9.9	9.9
Victoria	1.6	1.6	1.6	8.1	8.5	8.4	5.7	5.7	5.7
Waco	5.3	5.3	5.3	23.1	24.0	23.9	13.8	14.0	14.1
Wichita Falls	2.2	2.2	2.2	14.1	14.3	14.3	10.6	10.8	10.7
Utah	42.2	47.1	47.5	215.3	226.3	227.6	149.4	152.7	152.6
Provo-Orem	3.0	3.4	3.4	41.9	44.1	44.1	15.2	15.5	15.6
Salt Lake City-Ogden	34.5	38.1	38.4	143.9	151.1	151.7	98.5	100.6	100.2
Vermont	12.2	12.2	12.2	75.1	76.8	76.2	36.3	37.1	38.6
Barre-Montpelier	2.5	2.6	2.6	7.6	7.7	7.6	6.1	6.2	6.1
Burlington	4.4	4.5	4.5	24.5	26.3	26.4	11.2	12.1	11.9
Virginia	180.1	186.4	187.0	808.6	848.1	850.1	566.9	577.9	571.3
Bristol	1.1	1.1	1.1	5.8	5.6	5.6	5.1	5.0	5.0
Charlottesville	4.1	4.2	4.3	17.1	17.4	17.1	20.1	21.7	20.4
Danville	1.4	1.5	1.5	8.2	8.3	8.4	5.0	5.2	5.3
Lynchburg	4.1	4.5	4.5	21.3	22.5	22.7	11.6	12.2	11.9
Norfolk-Virginia Beach-Newport News	27.7	29.6	29.5	169.5	176.9	177.2	137.1	137.5	137.6
Northern Virginia	53.9	56.2	56.4	309.8	327.3	328.4	167.8	171.9	169.5
Richmond-Petersburg	40.2	42.7	42.7	115.3	119.8	119.6	94.8	99.6	97.8
Roanoke	9.0	9.0	8.9	35.7	38.6	38.6	16.0	16.4	16.2
Washington	122.5	122.4	121.7	585.6	599.8	601.2	398.3	415.8	405.3
Seattle-Bellevue-Everett	75.6	75.0	74.8	304.1	309.0	310.6	153.2	160.6	155.4
West Virginia	25.3	25.5	25.5	168.8	174.4	174.0	126.2	134.8	127.5
Charleston	6.5	6.4	6.4	34.4	34.1	34.0	22.3	22.9	22.5
Huntington-Ashland	3.8	3.6	3.6	27.1	27.5	27.2	16.3	18.6	18.7
Parkersburg-Marietta	2.3	2.3	2.3	15.4	16.1	16.1	10.0	10.2	10.2
Wheeling	3.0	3.0	3.1	18.6	19.6	19.1	9.2	10.1	9.8

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Wisconsin	2,423.2	2,479.1	2,480.5	2.6	2.7	2.7	102.9	109.4	109.6
Appleton-Oshkosh-Neenah	175.0	178.9	179.3	(¹)	(¹)	(¹)	10.3	10.3	10.2
Eau Claire	61.2	62.0	61.7	(¹)	(¹)	(¹)	2.5	2.8	2.8
Green Bay	118.9	123.4	123.8	(¹)	(¹)	(¹)	6.0	6.9	7.0
Janesville-Beloit	61.9	64.2	64.2	(¹)	(¹)	(¹)	2.5	3.2	3.1
Kenosha	44.4	44.4	44.8	(¹)	(¹)	(¹)	1.9	2.0	2.0
La Crosse	61.0	63.1	63.1	(¹)	(¹)	(¹)	2.2	2.4	2.4
Madison	241.2	248.5	247.6	(¹)	(¹)	(¹)	10.7	11.6	11.6
Milwaukee-Waukesha	771.1	763.1	785.4	(¹)	(¹)	(¹)	30.0	32.1	32.3
Racine	76.3	78.9	78.3	(¹)	(¹)	(¹)	3.0	3.5	3.6
Sheboygan	54.7	57.2	56.8	(¹)	(¹)	(¹)	2.2	2.9	2.9
Wausau	57.3	58.1	58.0	(¹)	(¹)	(¹)	2.2	2.2	2.3
Wyoming	214.1	216.4	217.5	18.1	18.2	18.4	14.4	14.4	14.5
Casper	28.9	28.8	28.9	2.3	2.2	2.2	1.6	1.7	1.7
Puerto Rico	860.9	859.1	855.0	.9	.9	.9	47.2	43.0	43.1
Caguas	54.5	55.3	54.9	(¹)	(¹)	(¹)	1.5	1.3	1.3
Mayaguez	64.8	63.0	62.8	(¹)	(¹)	(¹)	3.1	2.7	2.7
Ponce	89.7	69.3	69.8	(¹)	(¹)	(¹)	5.1	4.1	4.3
San Juan-Bayamon	534.2	534.8	527.1	.5	.5	.5	34.2	32.0	31.8
Virgin Islands	50.3	46.1	45.6	(¹)	(¹)	(¹)	6.3	2.3	2.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Wisconsin	572.3	583.8	584.9	111.5	111.8	111.8	563.0	569.2	573.4
Appleton-Oshkosh-Neenah	57.2	59.1	59.2	8.9	7.0	7.0	37.3	36.7	37.2
Eau Claire	10.3	10.5	10.4	3.3	3.2	3.2	16.9	17.1	17.3
Green Bay	28.0	26.3	26.2	8.5	6.9	6.9	28.1	29.0	29.5
Janesville-Beloit	18.8	18.6	19.2	2.2	2.5	2.5	14.8	14.9	14.9
Kenosha	10.0	9.2	9.9	1.6	1.7	1.6	12.9	13.0	13.2
La Crosse	11.1	11.4	11.5	2.8	2.8	2.8	16.7	16.6	16.7
Madison	27.2	28.3	26.2	7.9	7.7	7.6	52.6	54.0	54.3
Milwaukee-Waukesha	166.9	170.6	170.6	36.2	36.1	36.4	172.2	172.6	174.1
Racine	23.1	24.5	23.8	2.6	2.5	2.5	16.9	16.7	16.8
Sheboygan	23.0	24.2	24.2	1.8	1.7	1.7	10.0	9.9	10.0
Wausau	16.3	16.2	16.0	3.7	3.9	3.9	13.7	13.9	14.1
Wyoming	9.7	10.0	10.0	14.7	14.4	14.4	51.4	52.1	52.3
Casper	1.6	1.6	1.6	1.6	1.6	1.5	8.4	8.3	8.4
Puerto Rico	146.3	148.6	150.1	20.6	20.6	20.6	164.3	165.3	164.5
Caguas	14.2	13.6	13.6	.5	.6	.5	11.9	12.4	12.3
Mayaguez	19.4	18.6	16.7	.5	.5	.5	10.3	10.2	10.1
Ponce	12.0	11.4	11.3	1.7	1.7	1.7	12.0	11.7	11.5
San Juan-Bayamon	66.3	67.6	67.9	15.9	14.9	14.7	109.5	109.8	105.8
Virgin Islands	2.9	3.0	3.0	2.6	2.7	2.5	11.1	10.6	10.6

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Wisconsin	132.0	134.7	134.6	605.5	625.9	627.4	333.3	341.5	336.1
Appleton-Oshkosh-Neenah	8.8	9.0	9.0	37.1	38.7	38.9	17.5	18.3	17.8
Eau Claire	2.2	2.1	2.2	15.1	15.8	15.8	10.8	10.4	10.0
Green Bay	7.7	8.2	8.0	29.3	31.9	32.4	11.3	12.2	11.7
Janesville-Beloit	1.9	2.0	2.0	14.7	15.1	15.0	8.9	7.9	7.8
Kenosha	1.8	1.3	1.3	10.8	10.8	10.8	5.9	6.3	6.0
La Crosse	2.2	2.4	2.4	17.9	19.0	19.0	8.1	8.5	8.2
Madison	21.2	21.0	21.0	56.9	59.1	59.5	64.8	64.7	65.2
Milwaukee-Waukesha	53.1	54.8	54.9	230.1	235.3	235.4	82.6	81.6	81.6
Racine	2.4	2.4	2.4	19.8	20.3	20.5	8.6	9.0	8.7
Sheboygan	2.1	2.0	2.0	10.4	10.5	10.4	5.2	5.9	5.7
Wausau	4.4	4.5	4.5	11.1	10.9	11.0	6.0	6.4	6.2
Wyoming	7.9	7.9	7.9	48.2	49.1	48.9	49.7	50.3	51.1
Casper	1.2	1.2	1.1	7.5	7.6	7.4	4.7	4.6	5.0
Puerto Rico	38.9	40.4	39.8	146.3	150.3	145.6	294.4	289.8	290.4
Caguas	1.3	1.4	1.5	9.1	9.4	9.2	18.0	16.6	16.5
Mayaguez	1.5	1.5	1.4	9.2	9.3	9.2	20.8	20.2	20.2
Ponce	1.8	2.0	2.0	13.1	14.0	13.8	24.0	24.4	25.2
San Juan-Bayamon	30.8	31.9	31.6	99.5	101.8	98.5	177.5	176.3	176.5
Virgin Islands	2.2	2.1	2.0	10.4	10.5	10.4	14.8	14.9	14.9

¹ Combined with construction.

² Not available.

^P = 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' on private nonfarm payrolls by detailed industry

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Total private		35.1	34.5	34.9	35.0	34.8	-	-	-	-	-
Mining		44.9	44.5	44.9	45.1	45.4	-	-	-	-	-
Metal mining	10	42.6	43.7	44.2	43.6	-	-	-	-	-	
Iron ores	101	41.3	42.5	45.0	44.7	-	-	-	-	-	
Copper ores	102	44.1	46.6	45.9	45.8	-	-	-	-	-	
Coal mining	12	44.7	44.4	42.7	45.4	-	-	-	-	-	
Bituminous coal and lignite mining	122	44.8	44.5	42.6	45.4	-	-	-	-	-	
Oil and gas extraction	13	44.4	43.7	44.7	44.2	-	-	-	-	-	
Crude petroleum and natural gas	131	42.8	42.3	42.2	41.2	-	-	-	-	-	
Oil and gas field services	138	45.3	44.5	46.2	46.1	-	-	-	-	-	
Nonmetallic minerals, except fuels	14	47.7	47.2	48.2	47.9	-	-	-	-	-	
Crushed and broken stone	142	49.3	48.5	49.3	49.8	-	-	-	-	-	
Construction		39.6	38.3	39.7	39.8	40.0	-	-	-	-	
General building contractors	15	38.5	37.4	38.6	38.8	-	-	-	-	-	
Residential building construction	152	37.9	37.3	37.9	37.6	-	-	-	-	-	
Operative builders	153	38.9	38.2	38.5	39.2	-	-	-	-	-	
Nonresidential building construction	154	39.1	37.5	39.3	39.8	-	-	-	-	-	
Heavy construction, except building	16	44.0	42.2	43.7	44.4	-	-	-	-	-	
Highway and street construction	161	46.8	44.3	46.0	46.8	-	-	-	-	-	
Heavy construction, except highway	162	42.6	41.0	42.4	43.1	-	-	-	-	-	
Special trade contractors	17	38.8	37.6	39.1	38.9	-	-	-	-	-	
Plumbing, heating, and air conditioning	171	39.8	38.8	40.5	39.9	-	-	-	-	-	
Painting and paper hanging	172	37.6	36.5	37.5	37.8	-	-	-	-	-	
Electrical work	173	40.1	38.5	40.1	40.3	-	-	-	-	-	
Masonry, stonework, and plastering	174	36.1	34.9	36.6	36.4	-	-	-	-	-	
Carpentry and floor work	175	36.8	35.9	36.2	36.4	-	-	-	-	-	
Roofing, siding, and sheet metal work	176	36.6	34.8	36.4	36.7	-	-	-	-	-	
Manufacturing		41.5	41.5	41.6	42.0	42.3	4.3	4.5	4.5	4.9	5.1
Durable goods		42.1	42.1	42.2	42.7	43.0	4.4	4.5	4.7	5.1	5.3
Lumber and wood products	24	41.2	41.3	41.0	41.7	41.6	4.4	4.4	4.7	4.8	-
Logging	241	41.3	41.9	40.2	41.6	-	6.1	6.0	6.5	6.9	-
Sawmills and planing mills	242	42.3	42.6	41.6	42.8	-	5.0	5.0	5.0	5.3	-
Sawmills and planing mills, general	2421	42.6	42.9	42.5	43.4	-	5.4	5.3	5.4	5.7	-
Hardwood dimension and flooring mills	2426	40.9	41.4	39.2	40.9	-	3.5	3.9	3.5	3.7	-
Millwork, plywood, and structural members	243	41.1	40.7	40.9	41.5	-	4.0	3.9	4.4	4.5	-
Millwork	2431	40.2	40.6	40.2	40.7	-	3.0	3.5	3.2	3.5	-
Wood kitchen cabinets	2434	41.0	40.7	41.3	41.8	-	4.2	3.7	4.9	4.8	-
Hardwood veneer and plywood	2435	41.2	40.5	40.4	42.0	-	4.5	4.4	4.1	4.6	-
Softwood veneer and plywood	2436	42.8	41.1	41.1	43.3	-	5.0	4.6	5.8	5.8	-
Wood containers	244	39.1	39.5	39.3	40.1	-	3.2	3.4	3.5	3.6	-
Wood buildings and mobile homes	245	41.4	40.8	42.2	42.2	-	4.4	4.2	4.9	4.7	-
Mobile homes	2451	41.6	41.1	42.5	41.9	-	4.5	4.4	5.0	4.6	-
Miscellaneous wood products	249	40.4	40.7	40.0	40.6	-	3.2	3.7	3.5	3.7	-
Furniture and fixtures	25	40.7	40.2	40.2	40.7	41.2	3.5	3.5	3.5	3.6	-
Household furniture	251	39.5	39.6	38.8	39.6	-	2.6	2.9	2.5	2.8	-
Wood household furniture	2511	39.9	39.6	39.5	40.1	-	2.7	2.8	2.4	2.8	-
Upholstered household furniture	2512	38.5	39.1	37.5	38.1	-	2.1	2.3	1.7	2.0	-
Metal household furniture	2514	41.0	40.8	39.1	40.3	-	3.2	3.6	3.5	3.5	-
Mattresses and bedsprings	2515	40.7	41.5	39.2	41.4	-	3.8	4.8	3.9	4.5	-
Office furniture	252	42.5	39.3	41.8	42.0	-	4.4	4.1	4.2	4.3	-
Public building and related furniture	253	43.3	41.8	42.4	42.8	-	5.7	3.9	5.0	5.2	-
Partitions and fixtures	254	42.3	41.8	43.3	42.7	-	5.2	5.1	6.0	5.9	-
Miscellaneous furniture and fixtures	259	41.4	41.2	40.0	40.5	-	3.2	3.4	3.2	3.1	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a
Total private		\$10.78	\$10.91	\$11.04	\$11.04	\$11.20	\$378.38	\$376.40	\$385.30	\$386.40	\$389.76
Mining		14.44	14.54	14.73	14.71	14.86	648.36	647.03	661.36	663.42	674.64
Metal mining											
Metal mining	10	15.13	15.45	16.04	16.05	-	644.54	675.17	708.97	699.78	-
Iron ores	101	15.80	16.78	17.37	17.52	-	652.54	713.15	761.65	783.14	-
Copper ores	102	14.04	14.15	14.33	14.16	-	619.16	659.39	657.75	649.44	-
Coal mining											
Coal mining	12	17.12	17.10	17.53	17.53	-	765.26	759.24	748.53	795.66	-
Bituminous coal and lignite mining	122	17.33	17.30	17.72	17.72	-	776.36	769.65	754.67	804.49	-
Oil and gas extraction											
Oil and gas extraction	13	14.03	14.10	13.97	13.85	-	622.93	616.17	624.46	612.17	-
Crude petroleum and natural gas	131	17.06	17.28	18.07	17.87	-	730.17	730.94	762.55	736.24	-
Oil and gas field services	138	12.31	12.35	11.73	11.69	-	557.64	549.58	541.93	536.91	-
Nonmetallic minerals, except fuels											
Nonmetallic minerals, except fuels	14	12.81	12.93	13.16	13.15	-	611.04	610.30	634.31	629.69	-
Crushed and broken stone	142	12.25	12.20	12.61	12.68	-	603.93	591.70	621.67	631.46	-
Construction		14.45	14.52	14.72	14.77	14.93	572.22	556.12	584.38	587.65	597.20
General building contractors											
General building contractors	15	13.82	13.70	13.82	13.93	-	524.37	512.38	533.45	540.48	-
Residential building construction	152	12.57	12.68	12.54	12.74	-	476.40	472.96	475.27	479.02	-
Operative builders	153	13.38	13.32	13.33	13.33	-	520.48	508.82	513.21	522.54	-
Nonresidential building construction	154	14.59	14.67	15.05	15.03	-	570.47	550.13	591.47	598.19	-
Heavy construction, except building											
Heavy construction, except building	16	14.27	14.41	14.56	14.65	-	627.88	608.10	636.27	650.46	-
Highway and street construction	161	14.40	14.55	14.86	14.81	-	673.92	644.57	683.56	693.11	-
Heavy construction, except highway	162	14.20	14.34	14.39	14.55	-	604.92	587.94	610.14	627.11	-
Special trade contractors											
Special trade contractors	17	14.79	14.84	15.07	15.09	-	573.85	557.98	589.24	587.00	-
Plumbing, heating, and air conditioning	171	15.13	15.13	15.33	15.33	-	602.17	587.04	620.87	611.67	-
Painting and paper hanging	172	13.63	13.61	13.86	13.74	-	512.49	496.77	519.75	519.37	-
Electrical work	173	15.98	15.90	16.38	16.35	-	640.80	612.15	656.84	658.91	-
Masonry, stonework, and plastering	174	14.85	15.05	15.23	15.22	-	536.09	525.25	557.42	554.01	-
Carpentry and floor work	175	14.82	14.65	14.85	14.99	-	538.02	525.94	537.57	545.64	-
Roofing, siding, and sheet metal work	176	12.95	12.97	13.26	13.31	-	473.97	451.36	482.66	488.48	-
Manufacturing		11.70	11.85	12.04	12.00	12.13	485.55	491.78	500.86	504.00	513.10
Durable goods		12.29	12.44	12.62	12.62	12.76	517.41	523.72	532.56	536.87	546.68
Lumber and wood products											
Lumber and wood products	24	9.87	9.73	9.86	9.87	9.94	398.40	401.85	404.26	411.58	413.50
Logging	241	11.46	11.64	11.54	11.59	-	473.30	467.72	463.91	482.14	-
Sawmills and planing mills	242	9.78	9.81	10.11	10.03	-	413.69	417.91	422.60	429.28	-
Sawmills and planing mills, general	2421	10.15	10.18	10.43	10.37	-	432.39	436.72	443.28	450.06	-
Hardwood dimension and flooring mills	2426	8.24	8.29	8.76	8.61	-	337.02	343.21	343.39	352.15	-
Millwork, plywood, and structural members	243	9.71	9.72	9.85	9.93	-	399.08	395.60	402.87	412.10	-
Millwork	2431	9.91	10.03	9.95	10.21	-	398.38	407.22	399.99	415.55	-
Wood kitchen cabinets	2434	9.08	9.01	9.40	9.23	-	372.28	366.71	388.22	385.81	-
Hardwood veneer and plywood	2435	8.45	8.49	8.64	8.66	-	348.14	343.85	349.06	363.72	-
Softwood veneer and plywood	2436	11.59	11.67	11.86	11.87	-	496.05	479.64	487.45	513.97	-
Wood containers	244	7.06	7.11	7.39	7.44	-	276.05	260.85	290.43	298.34	-
Wood buildings and mobile homes	245	9.42	9.45	9.70	9.67	-	389.99	385.56	409.34	408.07	-
Mobile homes	2451	9.46	9.49	9.72	9.72	-	393.54	390.04	413.10	407.27	-
Miscellaneous wood products	249	9.10	9.19	9.27	9.19	-	367.64	374.03	370.80	373.11	-
Furniture and fixtures											
Furniture and fixtures	25	9.33	9.40	9.55	9.56	9.70	379.73	377.88	383.91	389.09	399.64
Household furniture	251	8.78	8.86	9.00	9.01	-	348.81	350.66	349.20	356.80	-
Wood household furniture	2511	8.21	8.32	8.48	8.45	-	327.58	329.47	334.96	338.65	-
Upholstered household furniture	2512	9.50	9.51	9.68	9.77	-	365.75	371.84	363.00	372.24	-
Metal household furniture	2514	8.94	8.93	8.92	8.96	-	366.54	364.34	348.77	361.09	-
Mattresses and bedsprings	2515	9.28	9.41	9.67	9.53	-	377.70	390.52	379.06	394.54	-
Office furniture	252	10.10	10.06	10.37	10.36	-	429.25	395.36	433.47	435.12	-
Public building and related furniture	253	9.47	9.59	9.46	9.83	-	410.05	400.86	401.10	412.16	-
Partitions and fixtures	254	10.67	10.79	10.79	10.84	-	451.34	451.02	467.21	462.87	-
Miscellaneous furniture and fixtures	259	9.47	9.58	9.74	9.73	-	392.06	394.70	389.60	394.07	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Durable goods—Continued											
Stone, clay, and glass products	32	43.4	43.3	43.8	44.1	44.2	5.9	5.8	6.1	6.4	-
Flat glass	321	46.8	47.9	46.8	48.7	-	9.1	9.2	7.2	10.1	-
Glass and glassware, pressed or blown	322	42.7	42.9	43.1	43.1	-	4.8	5.3	4.5	4.7	-
Glass containers	3221	43.7	43.2	44.1	44.0	-	6.2	6.8	5.7	5.9	-
Pressed and blown glass, nec	3229	41.7	42.7	42.2	42.4	-	3.5	3.9	3.5	3.7	-
Products of purchased glass	323	42.1	42.3	41.1	43.3	-	4.0	4.1	3.3	4.2	-
Cement, hydraulic	324	41.8	43.8	42.5	42.0	-	3.8	4.5	4.1	4.4	-
Structural clay products	325	41.3	40.5	41.9	42.0	-	3.8	3.8	4.8	5.0	-
Pottery and related products	326	41.6	40.6	40.7	40.8	-	4.0	4.3	4.3	4.3	-
Concrete, gypsum, and plaster products	327	45.3	44.7	46.2	46.2	-	8.3	7.4	8.7	8.9	-
Concrete block and brick	3271	46.3	46.3	47.4	46.9	-	8.4	7.9	8.7	8.7	-
Concrete products, nec	3272	43.8	43.9	45.2	44.5	-	6.4	5.9	7.3	7.3	-
Ready-mixed concrete	3273	45.8	44.6	46.5	46.9	-	9.3	7.9	9.5	10.0	-
Misc. nonmetallic mineral products	329	42.6	43.2	42.8	42.7	-	4.9	5.1	5.1	5.1	-
Abrasive products	3291	41.9	43.2	42.3	42.5	-	3.6	3.9	4.0	4.1	-
Asbestos products	3292	41.4	39.9	42.2	41.0	-	6.3	6.0	5.1	3.3	-
Primary metal industries	33	43.4	43.7	44.4	44.4	44.9	5.7	5.9	6.5	6.7	-
Blast furnaces and basic steel products	331	44.0	44.3	45.3	45.0	45.4	5.8	5.9	6.8	6.8	-
Blast furnaces and steel mills	3312	44.3	44.8	45.7	45.4	-	6.0	6.2	7.0	7.1	-
Steel pipe and tubes	3317	42.8	42.6	43.6	43.7	-	4.9	4.7	5.6	5.8	-
Iron and steel foundries	332	44.0	44.3	44.7	45.4	-	6.0	6.3	7.2	8.0	-
Gray and ductile iron foundries	3321	44.8	45.2	45.4	46.1	-	6.8	7.1	8.3	9.2	-
Malleable iron foundries	3322	41.7	41.6	44.7	47.1	-	6.2	8.1	6.7	7.2	-
Steel foundries, nec	3325	42.4	42.3	42.5	43.0	-	4.6	4.6	5.5	6.0	-
Primary nonferrous metals	333	42.1	43.7	43.0	42.3	-	5.2	5.7	5.1	5.4	-
Primary aluminum	3334	41.6	42.5	42.2	42.1	-	5.0	5.0	5.0	5.5	-
Nonferrous rolling and drawing	335	43.8	43.5	44.6	44.5	-	6.5	6.7	7.2	6.9	-
Copper rolling and drawing	3351	43.7	43.5	46.4	44.8	-	6.7	7.3	9.2	8.0	-
Aluminum sheet, plate, and foil	3353	44.8	44.5	46.3	45.3	-	7.5	7.9	7.3	7.3	-
Nonferrous wire drawing and insulating	3357	43.3	43.4	43.1	43.8	-	6.2	6.3	6.2	6.2	-
Nonferrous foundries (castings)	336	40.8	41.3	42.4	42.5	-	3.9	4.4	4.7	5.2	-
Aluminum foundries	3365	41.4	40.6	41.6	40.9	-	4.4	4.5	4.5	4.7	-
Fabricated metal products	34	42.1	41.7	42.0	42.8	43.1	4.4	4.5	4.7	5.2	-
Metal cans and shipping containers	341	44.3	44.2	44.5	44.3	-	6.4	6.4	7.3	7.4	-
Metal cans	3411	44.0	43.9	44.1	43.9	-	6.4	6.5	6.9	7.0	-
Cutlery, handtools, and hardware	342	41.6	40.7	41.5	42.5	-	3.6	3.6	3.9	4.5	-
Hand and edge tools, and blades and handsaws	3423,5	41.3	40.6	42.0	42.4	-	3.4	3.0	3.9	4.6	-
Hardware, nec	3429	41.4	40.6	40.9	42.2	-	3.5	4.0	3.9	4.5	-
Plumbing and heating, except electric	343	41.9	41.1	41.3	42.3	-	4.2	4.0	4.3	4.5	-
Plumbing fixture fittings and trim	3432	40.6	40.3	41.6	41.7	-	2.6	2.4	4.4	3.8	-
Heating equipment, except electric	3433	42.1	41.5	40.8	43.1	-	4.4	4.4	3.2	4.9	-
Fabricated structural metal products	344	41.9	41.4	42.2	42.4	-	4.6	4.5	5.0	5.2	-
Fabricated structural metal	3441	42.9	42.0	43.0	43.6	-	5.1	5.1	5.8	6.3	-
Metal doors, sash, and trim	3442	40.6	40.4	40.9	41.2	-	4.0	4.0	4.1	4.3	-
Fabricated plate work (boiler shops)	3443	42.7	41.9	42.5	41.8	-	5.0	4.8	5.0	4.6	-
Sheet metal work	3444	41.1	40.9	41.9	42.0	-	4.0	4.0	4.7	4.8	-
Architectural metal work	3446	41.8	41.0	41.9	42.4	-	4.3	3.7	4.7	5.1	-
Screw machine products, bolts, etc	345	41.9	41.6	42.0	42.9	-	4.6	4.6	5.0	5.5	-
Screw machine products	3451	41.8	41.5	41.9	42.6	-	4.3	4.3	4.7	5.2	-
Bolts, nuts, rivets, and washers	3452	42.1	41.8	42.1	43.1	-	4.9	5.0	5.3	5.8	-
Metal forgings and stampings	346	43.1	43.3	42.5	44.7	-	4.8	5.5	4.9	6.2	-
Iron and steel forgings	3462	41.9	42.3	42.6	42.9	-	4.4	4.8	5.7	5.6	-
Automotive stampings	3465	44.1	44.5	42.6	46.3	-	5.3	6.5	4.8	7.0	-
Metal stampings, nec	3469	42.2	41.9	42.1	42.9	-	4.0	4.3	4.5	5.2	-
Metal services, nec	347	40.8	40.1	41.0	41.5	-	3.7	3.6	4.3	4.4	-
Plating and polishing	3471	40.3	39.8	40.6	41.5	-	3.4	3.2	3.8	4.2	-
Metal coating and allied services	3479	41.5	40.7	41.7	41.6	-	4.2	4.3	5.0	4.8	-
Ordnance and accessories, nec	348	42.0	41.4	40.9	42.3	-	3.5	3.4	4.2	4.7	-
Ammunition, except for small arms, nec	3483	42.1	40.9	39.9	41.8	-	3.2	2.4	3.1	3.3	-
Misc. fabricated metal products	349	42.2	41.8	42.0	42.6	-	4.0	4.2	4.4	4.6	-
Valves and pipe fittings, nec	3494	42.8	41.3	42.8	42.1	-	4.3	3.7	4.7	4.9	-
Misc. fabricated wire products	3496	41.6	41.5	41.3	42.0	-	3.6	3.8	3.8	4.1	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a
Durable goods—Continued											
Stone, clay, and glass products	32	\$11.89	\$12.03	\$12.16	\$12.18	\$12.31	\$516.03	\$520.90	\$532.61	\$537.14	\$544.10
Flat glass	321	17.60	18.42	18.04	18.53	-	823.68	882.32	844.27	902.41	-
Glass and glassware, pressed or blown	322	13.39	13.56	13.76	13.89	-	571.75	581.72	593.06	590.04	-
Glass containers	3221	13.88	14.13	14.24	14.21	-	808.56	610.42	627.98	625.24	-
Pressed and blown glass, nec	3229	12.90	13.03	13.31	13.22	-	537.93	556.38	561.68	560.53	-
Products of purchased glass	323	10.21	10.25	10.47	10.49	-	429.84	433.58	430.32	454.22	-
Cement, hydraulic	324	14.84	15.42	15.40	15.44	-	620.31	675.40	654.50	648.48	-
Structural clay products	325	10.35	10.47	10.79	10.85	-	427.46	424.04	452.10	455.70	-
Pottery and related products	326	10.21	10.41	10.51	10.53	-	424.74	422.65	427.76	429.62	-
Concrete, gypsum, and plaster products	327	11.51	11.51	11.78	11.83	-	521.40	514.50	544.24	546.55	-
Concrete block and brick	3271	10.87	10.74	11.10	11.13	-	503.28	497.26	526.14	522.00	-
Concrete products, nec	3272	10.32	10.36	10.42	10.54	-	452.02	454.80	470.98	469.03	-
Ready-mixed concrete	3273	12.16	12.12	12.58	12.55	-	556.93	540.55	584.04	588.60	-
Misc. nonmetallic mineral products	329	12.38	12.54	12.49	12.49	-	527.39	541.73	534.57	533.32	-
Abrasive products	3291	10.57	10.70	10.70	10.77	-	442.88	482.24	452.61	457.73	-
Asbestos products	3292	13.80	14.02	14.85	15.02	-	571.32	559.40	626.67	615.82	-
Primary metal industries	33	14.00	14.20	14.39	14.29	14.36	607.60	620.54	638.92	634.48	644.76
Blast furnaces and basic steel products	331	16.40	16.57	18.94	16.88	16.93	721.60	734.05	767.38	759.60	768.62
Blast furnaces and steel mills	3312	17.56	17.74	18.25	18.12	-	777.91	794.75	834.03	822.65	-
Steel pipe and tubes	3317	12.64	12.76	13.10	13.28	-	540.99	543.58	571.16	580.34	-
Iron and steel foundries	332	12.41	12.78	13.24	13.19	-	546.04	566.15	591.83	598.83	-
Gray and ductile iron foundries	3321	12.95	13.33	14.12	14.03	-	580.16	602.52	641.05	646.78	-
Malleable iron foundries	3322	12.88	14.98	14.77	14.35	-	537.10	623.17	660.22	675.89	-
Steel foundries, nec	3325	11.58	11.73	11.98	11.91	-	490.99	496.18	509.15	512.13	-
Primary nonferrous metals	333	15.33	15.48	15.54	15.58	-	645.39	676.48	668.22	659.03	-
Primary aluminum	3334	15.55	15.66	15.58	15.63	-	646.88	665.55	657.48	658.02	-
Nonferrous rolling and drawing	335	13.21	13.39	13.44	13.28	-	578.60	582.47	599.42	590.96	-
Copper rolling and drawing	3351	12.81	13.10	13.42	13.22	-	559.80	569.85	622.69	592.26	-
Aluminum sheet, plate, and foil	3353	15.61	16.22	15.58	15.57	-	699.33	721.79	721.35	705.32	-
Nonferrous wire drawing and insulating	3357	13.28	13.35	13.54	13.31	-	575.02	579.39	583.57	582.98	-
Nonferrous foundries (castings)	336	11.11	11.34	11.28	11.36	-	453.29	468.34	478.27	482.80	-
Aluminum foundries	3365	10.68	10.94	10.44	10.67	-	442.15	444.16	434.30	436.40	-
Fabricated metal products	34	11.67	11.81	11.86	11.88	12.03	491.31	492.48	498.12	508.46	518.49
Metal cans and shipping containers	341	15.21	15.35	15.59	15.56	-	673.80	678.47	693.76	689.31	-
Metal cans	3411	16.27	16.44	16.66	16.64	-	715.88	721.72	734.71	730.50	-
Cutlery, handtools, and hardware	342	11.49	11.65	11.84	11.84	-	477.98	474.16	491.36	503.20	-
Hand and edge tools, and blades and handsaws ...	3423,5	10.92	10.98	11.09	11.11	-	451.00	445.79	485.78	471.06	-
Hardware, nec	3429	11.42	11.71	11.85	11.86	-	472.79	475.43	484.67	500.49	-
Plumbing and heating, except electric	343	10.58	10.67	10.60	10.59	-	443.30	438.54	437.78	447.96	-
Plumbing fixture fittings and trim	3432	9.93	10.06	9.85	9.85	-	403.16	405.42	409.76	410.75	-
Heating equipment, except electric	3433	10.82	10.81	10.82	10.95	-	455.52	448.62	441.46	471.95	-
Fabricated structural metal products	344	10.92	10.96	11.01	11.00	-	457.55	453.74	464.62	466.40	-
Fabricated structural metal	3441	10.78	10.78	11.12	11.18	-	462.46	452.78	478.16	487.45	-
Metal doors, sash, and trim	3442	9.29	9.24	9.35	9.24	-	377.17	373.30	382.42	380.69	-
Fabricated plate work (boiler shops)	3443	12.40	12.51	12.32	12.33	-	529.48	524.17	523.60	515.39	-
Sheet metal work	3444	11.13	11.18	11.30	11.30	-	457.44	457.26	473.47	474.60	-
Architectural metal work	3446	10.07	10.14	10.06	10.12	-	420.93	415.74	421.51	429.09	-
Screw machine products, bolts, etc	345	11.48	11.56	11.74	11.67	-	481.01	480.90	493.08	500.64	-
Screw machine products	3451	10.74	10.79	11.06	10.96	-	448.93	447.79	463.41	466.90	-
Bolts, nuts, rivets, and washers	3452	12.30	12.43	12.52	12.47	-	517.83	519.57	527.09	537.46	-
Metal forgings and stampings	346	13.92	14.30	14.26	14.27	-	599.95	619.19	606.05	637.87	-
Iron and steel forgings	3462	13.53	13.65	13.86	13.84	-	566.91	577.40	590.44	593.74	-
Automotive stampings	3465	15.95	16.53	16.67	16.46	-	703.40	735.59	710.14	762.10	-
Metal stampings, nec	3469	11.09	11.26	11.25	11.24	-	468.00	471.79	473.63	482.20	-
Metal services, nec	347	9.63	9.69	9.85	9.80	-	392.90	388.57	403.85	406.70	-
Plating and polishing	3471	9.67	9.74	9.83	9.77	-	389.70	387.65	399.10	405.46	-
Metal coating and allied services	3479	9.57	9.60	9.87	9.84	-	397.16	390.72	411.58	409.34	-
Ordnance and accessories, nec	348	13.52	13.78	14.02	14.04	-	567.84	570.49	573.42	593.89	-
Ammunition, except for small arms, nec	3483	13.79	14.13	14.65	14.58	-	580.56	577.92	584.54	609.44	-
Misc. fabricated metal products	349	10.87	10.95	11.17	11.17	-	458.71	457.71	469.14	475.84	-
Valves and pipe fittings, nec	3494	11.29	11.32	11.45	11.51	-	483.21	487.52	490.06	484.57	-
Misc. fabricated wire products	3496	9.76	9.71	9.92	9.86	-	406.02	402.97	409.70	414.12	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Durable goods—Continued											
Industrial machinery and equipment	35	42.6	42.6	43.1	43.1	43.5	4.6	4.8	5.2	5.4	-
Engines and turbines	351	43.5	44.8	44.5	43.9	-	4.9	5.6	5.5	5.7	-
Turbines and turbine generator sets	3511	43.0	45.4	42.5	41.9	-	5.2	7.6	3.6	4.4	-
Internal combustion engines, nec	3519	43.7	44.5	45.3	44.7	-	4.8	4.7	6.3	6.2	-
Farm and garden machinery	352	42.8	41.5	42.5	41.4	-	4.2	4.5	4.4	4.2	-
Farm machinery and equipment	3523	42.9	42.9	42.7	41.4	-	4.7	5.2	4.6	4.7	-
Construction and related machinery	353	43.8	43.7	43.6	43.4	-	5.0	5.0	5.5	5.7	-
Construction machinery	3531	43.7	43.5	42.3	41.9	-	4.4	4.5	5.2	5.4	-
Mining machinery	3532	40.7	42.1	44.2	44.0	-	4.0	4.8	4.9	5.1	-
Oil and gas field machinery	3533	47.1	46.8	46.1	46.6	-	6.5	6.4	6.8	7.5	-
Conveyors and conveying equipment	3535	43.6	43.7	44.0	42.7	-	5.8	8.0	5.8	5.7	-
Industrial trucks and tractors	3537	41.2	41.7	42.8	42.8	-	3.9	4.1	5.3	5.0	-
Metalworking machinery	354	43.0	42.8	43.7	43.8	-	5.2	5.3	5.9	6.2	-
Machine tools, metal cutting types	3541	42.3	42.5	44.5	44.5	-	4.4	4.8	5.8	6.3	-
Machine tools, metal forming types	3542	42.2	43.4	43.9	43.8	-	4.2	4.6	5.7	6.0	-
Special dies, tools, jigs, and fixtures	3544	43.6	43.3	44.2	44.1	-	6.2	6.0	6.6	6.7	-
Machine tool accessories	3545	42.1	41.9	42.8	43.1	-	3.6	3.8	4.8	4.8	-
Power driven handtools	3546	43.1	42.4	43.1	43.7	-	4.5	4.8	4.9	5.3	-
Special industry machinery	355	42.4	42.5	42.4	43.0	-	4.8	5.0	5.0	5.3	-
Textile machinery	3552	41.6	41.5	40.8	41.8	-	4.4	3.7	3.4	3.9	-
Printing trades machinery	3555	40.7	42.3	41.8	41.8	-	4.1	5.6	5.0	5.1	-
Food products machinery	3556	43.0	42.4	43.0	42.6	-	5.2	4.9	5.4	4.9	-
General industrial machinery	356	42.4	42.3	43.4	43.8	-	4.5	4.5	5.3	5.5	-
Pumps and pumping equipment	3561	43.3	43.4	43.2	43.8	-	4.8	5.0	5.0	5.3	-
Ball and roller bearings	3562	42.5	42.1	44.0	44.9	-	5.3	5.3	6.5	7.4	-
Air and gas compressors	3563	42.5	42.1	44.6	44.1	-	4.0	3.8	5.1	5.2	-
Blowers and fans	3564	41.9	40.7	42.9	43.7	-	4.6	3.5	4.9	5.2	-
Speed changers, drives, and gears	3566	42.3	43.3	42.3	42.2	-	5.3	5.4	8.3	5.7	-
Power transmission equipment, nec	3568	42.4	42.2	43.6	43.2	-	4.1	4.6	5.3	5.6	-
Computer and office equipment	357	42.3	42.2	41.8	41.9	-	3.3	3.5	3.3	3.6	-
Electronic computers	3571	42.4	43.1	42.3	42.5	-	3.4	3.8	3.2	3.6	-
Computer terminals, calculators, and office machines, nec	3575,8,9	41.5	42.0	41.6	39.7	-	3.6	3.9	3.6	3.5	-
Refrigeration and service machinery	358	41.5	42.1	43.8	42.7	-	4.8	4.7	5.7	5.3	-
Refrigeration and heating equipment	3585	41.5	42.5	45.2	43.2	-	5.1	5.2	6.3	5.7	-
Misc. industrial and commercial machinery	359	42.1	42.2	42.5	43.1	-	4.6	4.8	5.1	5.6	-
Carburetors, pistons, rings, valves	3592	42.1	42.4	41.1	42.9	-	4.5	5.1	5.9	8.2	-
Scales, balances, and industrial machinery, nec	3596,9	42.1	42.2	42.6	43.2	-	4.7	4.8	5.1	5.8	-
Electronic and other electrical equipment	36	41.7	41.7	41.5	41.9	42.1	3.8	4.0	4.1	4.4	-
Electric distribution equipment	361	41.3	41.1	42.0	41.1	-	3.9	4.0	4.4	4.1	-
Transformers, except electronic	3612	41.3	41.4	41.3	40.4	-	4.1	4.2	3.8	3.8	-
Switchgear and switchboard apparatus	3613	41.4	40.8	42.7	41.8	-	3.7	3.8	4.9	4.5	-
Electrical industrial apparatus	362	41.8	41.7	43.1	42.0	-	3.1	3.4	5.0	4.4	-
Motors and generators	3621	41.8	41.9	43.6	42.4	-	3.0	3.5	5.4	4.8	-
Relays and industrial controls	3625	41.8	40.8	42.4	40.8	-	2.9	3.0	4.2	3.5	-
Household appliances	363	40.5	40.8	41.3	42.2	-	2.9	3.3	3.4	4.5	-
Household refrigerators and freezers	3632	41.6	41.8	44.9	45.0	-	2.6	2.8	4.9	5.3	-
Household laundry equipment	3633	39.3	40.8	38.6	42.9	-	2.4	2.2	2.6	6.4	-
Electric housewares and fans	3634	41.1	41.5	41.1	41.0	-	3.9	4.4	3.1	3.7	-
Electric lighting and wiring equipment	364	41.3	41.4	41.2	42.1	-	3.7	3.8	3.7	4.3	-
Electric lamps	3641	43.4	44.3	43.8	45.5	-	4.3	4.5	4.8	5.5	-
Current-carrying wiring devices	3643	40.0	40.2	41.0	40.8	-	3.0	3.1	4.1	3.8	-
Noncurrent-carrying wiring devices	3644	41.0	41.8	42.2	43.6	-	2.8	3.8	3.3	4.1	-
Residential lighting fixtures	3645	40.1	40.1	37.2	39.2	-	3.2	3.6	2.0	3.1	-
Household audio and video equipment	365	42.2	41.2	39.9	41.4	-	4.7	4.3	4.1	4.9	-
Household audio and video equipment	3651	41.3	40.2	39.0	40.8	-	3.8	3.6	3.1	4.1	-
Communications equipment	366	43.4	43.2	41.8	42.2	-	3.5	4.1	3.5	4.0	-
Telephone and telegraph apparatus	3661	44.6	44.1	43.8	43.7	-	3.2	3.9	4.1	4.4	-
Electronic components and accessories	367	41.2	41.2	41.2	41.6	-	4.0	4.1	4.3	4.3	-
Electron tubes	3671	42.0	41.6	41.5	42.7	-	4.2	4.8	4.7	4.6	-
Semiconductors and related devices	3674	42.1	42.2	41.5	41.8	-	5.0	4.9	4.8	4.6	-
Electronic components, nec	3679	40.1	40.4	40.7	41.4	-	3.1	3.4	3.9	4.0	-
Misc. electrical equipment and supplies	369	42.5	42.9	42.1	43.0	-	4.8	5.1	4.4	5.1	-
Storage batteries	3691	43.8	44.8	42.9	44.8	-	5.1	6.8	5.6	6.9	-
Engine electrical equipment	3694	43.0	43.3	42.0	43.7	-	4.9	5.1	4.1	5.3	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a
Durable goods—Continued											
Industrial machinery and equipment	35	\$12.74	\$12.83	\$12.93	\$12.91	\$12.98	\$542.72	\$546.56	\$557.28	\$556.42	\$564.83
Engines and turbines	351	16.05	18.20	16.08	16.24	-	698.18	725.76	715.58	712.94	-
Turbines and turbine generator sets	3511	16.75	17.09	17.06	17.95	-	720.25	775.89	725.05	726.97	-
Internal combustion engines, nec	3519	15.75	15.81	15.69	15.80	-	688.26	703.55	710.76	706.26	-
Farm and garden machinery	352	12.11	12.32	12.73	12.13	-	518.31	511.28	541.03	502.18	-
Farm machinery and equipment	3523	12.97	13.19	13.57	12.90	-	556.41	565.85	579.44	534.06	-
Construction and related machinery	353	12.91	13.02	12.77	12.72	-	565.46	568.97	556.77	552.05	-
Construction machinery	3531	14.31	14.44	13.86	13.78	-	625.35	628.14	586.28	577.38	-
Mining machinery	3532	13.21	13.36	13.49	13.53	-	537.65	562.46	596.26	595.32	-
Oil and gas field machinery	3533	11.99	12.12	11.86	11.77	-	564.73	567.22	547.67	548.48	-
Conveyors and conveying equipment	3535	11.92	11.93	12.19	12.18	-	519.71	521.34	536.36	520.09	-
Industrial trucks and tractors	3537	11.21	11.28	11.31	11.40	-	461.85	470.38	461.81	487.92	-
Metalworking machinery	354	13.28	13.43	13.62	13.57	-	571.04	574.80	595.19	594.37	-
Machine tools, metal cutting types	3541	13.54	13.65	13.97	13.93	-	572.74	580.13	621.67	619.89	-
Machine tools, metal forming types	3542	13.39	13.53	13.71	13.66	-	565.06	567.20	601.87	596.31	-
Special dies, tools, jigs, and fixtures	3544	13.89	14.06	14.19	14.10	-	605.60	606.60	627.20	621.81	-
Machine tool accessories	3545	11.66	11.72	11.91	11.92	-	490.89	491.07	509.75	513.75	-
Power driven handtools	3546	10.94	11.03	11.24	11.32	-	471.51	467.67	484.44	494.68	-
Special industry machinery	355	13.11	13.27	13.44	13.38	-	555.86	563.98	569.86	575.34	-
Textile machinery	3552	11.30	11.34	11.54	11.54	-	470.08	470.61	470.83	482.37	-
Printing trades machinery	3555	14.71	15.18	15.47	15.42	-	598.70	642.11	646.65	644.58	-
Food products machinery	3556	12.80	12.97	13.12	13.04	-	550.40	549.93	564.16	555.50	-
General industrial machinery	356	12.45	12.60	12.72	12.71	-	527.86	532.98	552.05	554.16	-
Pumps and pumping equipment	3561	13.36	13.60	13.63	13.74	-	578.49	590.24	588.82	601.81	-
Ball and roller bearings	3562	13.65	13.92	14.32	14.23	-	580.13	586.03	630.08	638.93	-
Air and gas compressors	3563	12.39	12.61	12.97	12.99	-	526.58	530.68	578.48	572.86	-
Blowers and fans	3564	10.51	10.52	10.60	10.48	-	440.37	428.16	454.74	457.98	-
Speed changers, drives, and gears	3566	13.36	13.54	13.41	13.43	-	565.13	586.28	567.24	586.75	-
Power transmission equipment, nec	3568	12.31	12.55	12.62	12.66	-	521.94	529.61	550.23	546.91	-
Computer and office equipment	357	12.75	12.68	13.02	13.07	-	539.33	535.10	544.24	547.63	-
Electronic computers	3571	14.13	13.73	14.09	14.14	-	599.11	591.76	596.01	600.95	-
Computer terminals, calculators, and office machines, nec	3575,8,9	12.43	12.85	12.82	12.87	-	515.85	531.30	533.31	510.94	-
Refrigeration and service machinery	358	11.53	11.49	11.45	11.61	-	478.50	483.73	501.51	495.75	-
Refrigeration and heating equipment	3585	11.70	11.61	11.58	11.78	-	485.55	493.43	523.42	506.90	-
Misc. industrial and commercial machinery	359	12.16	12.22	12.40	12.42	-	511.94	515.68	527.00	535.30	-
Carburetors, pistons, rings, valves	3592	13.05	13.23	13.24	13.30	-	549.41	580.95	544.16	570.57	-
Scales, balances, and industrial machinery, nec	3596,9	11.85	11.90	12.11	12.13	-	498.89	502.18	515.89	524.02	-
Electronic and other electrical equipment	36	11.26	11.32	11.57	11.55	11.60	469.54	472.04	480.16	483.95	488.36
Electric distribution equipment	361	11.16	11.27	11.28	11.27	-	480.91	463.20	473.76	463.20	-
Transformers, except electronic	3612	10.64	10.90	10.78	10.71	-	439.43	451.26	445.21	432.68	-
Switchgear and switchboard apparatus	3613	11.71	11.67	11.80	11.84	-	484.79	476.14	503.86	494.91	-
Electrical industrial apparatus	362	10.76	10.73	11.00	10.91	-	449.77	447.44	474.10	458.22	-
Motors and generators	3621	9.93	9.90	10.20	10.15	-	413.09	414.81	444.72	430.36	-
Relays and industrial controls	3625	12.17	12.22	12.66	12.49	-	508.71	498.56	536.78	509.59	-
Household appliances	363	10.44	10.42	11.04	11.11	-	422.82	425.14	455.95	488.84	-
Household refrigerators and freezers	3632	11.42	11.40	11.64	11.44	-	475.07	474.24	522.64	514.80	-
Household laundry equipment	3633	12.66	12.50	13.68	13.73	-	497.54	510.00	528.05	569.02	-
Electric housewares and fans	3634	8.28	8.35	8.71	8.78	-	340.31	346.53	357.98	359.98	-
Electric lighting and wiring equipment	364	10.97	10.92	11.30	11.18	-	453.06	452.09	465.56	470.68	-
Electric lamps	3641	11.72	11.65	11.84	11.69	-	508.65	516.10	518.59	531.90	-
Current-carrying wiring devices	3643	10.88	10.83	11.32	11.17	-	435.20	435.37	464.12	455.74	-
Noncurrent-carrying wiring devices	3644	10.56	10.65	10.46	10.46	-	432.96	443.04	441.41	456.06	-
Residential lighting fixtures	3645	8.30	8.32	8.41	8.53	-	332.83	333.63	312.85	334.38	-
Household audio and video equipment	365	10.93	11.13	11.29	11.41	-	461.25	456.58	450.47	472.37	-
Household audio and video equipment	3651	11.30	11.64	11.58	11.96	-	466.69	467.93	451.62	487.97	-
Communications equipment	366	11.61	11.76	12.38	12.49	-	503.87	508.03	517.46	527.08	-
Telephone and telegraph apparatus	3661	12.43	12.72	13.91	14.13	-	554.38	560.95	609.26	617.48	-
Electronic components and accessories	367	11.27	11.29	11.45	11.31	-	464.32	465.15	471.74	470.50	-
Electron tubes	3671	13.08	13.40	13.59	13.57	-	549.36	557.44	563.99	579.44	-
Semiconductors and related devices	3674	14.59	14.52	14.61	14.31	-	614.24	612.74	606.32	598.16	-
Electronic components, nec	3679	9.50	9.53	9.71	9.85	-	360.95	385.01	395.20	399.51	-
Misc. electrical equipment and supplies	369	12.59	12.81	12.74	12.86	-	535.08	549.55	536.35	552.98	-
Storage batteries	3691	13.72	14.51	14.28	14.48	-	600.94	650.05	612.61	648.70	-
Engine electrical equipment	3694	13.23	13.28	13.29	13.29	-	568.89	575.02	558.18	580.77	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Durable goods—Continued											
Transportation equipment	37	42.8	43.1	42.5	44.0	44.7	4.7	5.1	4.8	6.0	-
Motor vehicles and equipment	371	44.1	44.8	43.2	45.8	48.5	5.7	6.3	5.4	7.3	-
Motor vehicles and car bodies	3711	43.7	45.2	44.9	47.0	-	5.6	6.4	6.2	8.1	-
Truck and bus bodies	3713	44.0	44.0	43.1	43.7	-	4.6	5.9	5.6	5.7	-
Motor vehicle parts and accessories	3714	44.5	44.5	42.2	45.2	-	6.1	6.5	5.0	7.3	-
Truck trailers	3715	43.3	42.6	43.5	43.4	-	4.2	5.1	5.5	4.9	-
Aircraft and parts	372	41.5	41.6	41.6	41.6	-	4.0	4.1	4.5	4.6	-
Aircraft	3721	40.5	41.2	39.8	40.4	-	3.7	3.8	4.1	4.3	-
Aircraft engines and engine parts	3724	43.5	43.2	44.6	42.7	-	5.0	5.0	5.3	5.2	-
Aircraft parts and equipment, nec	3728	41.8	41.2	42.5	42.9	-	3.8	3.9	4.7	4.7	-
Ship and boat building and repairing	373	39.7	39.8	40.8	40.7	-	2.5	2.3	3.2	3.0	-
Ship building and repairing	3731	40.0	40.1	41.7	41.1	-	2.3	2.2	2.9	2.8	-
Boat building and repairing	3732	39.2	39.2	39.2	40.0	-	2.9	2.5	3.6	3.5	-
Railroad equipment	374	42.3	42.1	44.4	46.9	-	3.8	3.5	4.4	6.5	-
Guided missiles, space vehicles, and parts	376	41.2	41.8	42.5	41.8	-	2.9	3.1	3.2	3.3	-
Guided missiles and space vehicles	3761	42.0	42.6	43.1	42.1	-	3.2	3.5	3.1	3.3	-
Misc. transportation equipment	379	40.1	40.4	39.5	39.4	-	2.9	3.3	3.0	2.8	-
Travel trailers and campers	3792	39.3	39.1	39.5	38.6	-	2.1	2.2	2.9	2.2	-
Instruments and related products	38	40.7	40.9	41.4	41.5	41.8	2.7	2.8	3.2	3.3	-
Search and navigation equipment	381	40.1	40.6	40.7	40.2	-	2.0	2.2	2.1	2.4	-
Measuring and controlling devices	382	40.9	41.1	42.1	42.5	-	2.6	2.6	3.1	3.4	-
Environmental controls	3822	39.8	40.6	42.4	42.9	-	2.8	3.4	3.8	4.1	-
Process control instruments	3823	41.4	41.4	42.9	43.2	-	2.2	2.2	3.0	3.2	-
Instruments to measure electricity	3825	41.3	41.7	41.1	42.1	-	2.2	2.2	2.0	2.6	-
Medical instruments and supplies	384	40.7	40.8	40.8	41.1	-	2.8	2.9	3.2	3.2	-
Surgical and medical instruments	3841	41.3	41.1	40.6	41.1	-	2.9	3.0	3.0	3.0	-
Surgical appliances and supplies	3842	39.9	40.5	40.9	41.2	-	2.6	2.7	3.4	3.5	-
Ophthalmic goods	385	40.2	39.8	38.7	39.1	-	3.0	2.8	1.9	2.4	-
Photographic equipment and supplies	386	41.0	41.9	43.3	43.0	-	4.2	4.5	5.4	4.8	-
Watches, clocks, watchcases, and parts	387	43.4	42.9	41.3	43.0	-	3.5	3.2	3.7	4.4	-
Miscellaneous manufacturing industries	39	39.8	39.9	39.5	39.9	40.1	2.9	3.1	2.8	3.0	-
Jewelry, silverware, and plated ware	391	37.8	36.7	37.9	38.6	-	1.8	2.5	2.0	2.5	-
Jewelry, precious metal	3911	37.2	36.0	37.5	38.8	-	1.6	2.4	2.1	2.5	-
Musical instruments	393	39.3	39.9	37.6	40.3	-	1.7	1.8	2.4	2.6	-
Toys and sporting goods	394	39.9	40.0	39.8	40.2	-	3.0	3.0	3.0	3.1	-
Dolls, games, toys, and children's vehicles	3942,4	38.5	38.9	38.0	39.4	-	2.1	2.8	2.3	2.9	-
Sporting and athletic goods, nec	3949	40.9	40.8	40.8	40.7	-	3.7	3.1	3.3	3.3	-
Pens, pencils, office, and art supplies	395	40.4	40.2	40.7	39.2	-	2.9	3.0	2.6	2.2	-
Costume jewelry and notions	396	40.2	40.1	38.4	39.1	-	3.5	3.4	2.1	2.8	-
Costume jewelry	3961	39.5	40.0	38.3	38.4	-	3.4	3.7	1.8	2.6	-
Miscellaneous manufactures	399	40.1	40.2	39.9	40.5	-	3.3	3.5	3.1	3.4	-
Signs and advertising specialties	3993	40.3	40.9	41.4	41.3	-	3.3	3.7	3.6	3.9	-
Nondurable goods		40.7	40.9	40.8	41.1	41.4	4.2	4.5	4.3	4.5	4.8
Food and kindred products	20	41.2	41.4	41.6	41.9	42.5	5.2	5.4	5.4	5.6	-
Meat products	201	40.5	40.8	41.3	41.5	-	4.3	4.4	4.8	4.9	-
Meat packing plants	2011	41.6	42.2	43.0	42.7	-	4.9	5.3	5.6	5.2	-
Sausages and other prepared meats	2013	42.4	42.6	43.2	42.9	-	5.7	5.8	5.9	6.0	-
Poultry slaughtering and processing	2015	39.2	39.3	39.7	40.3	-	3.5	3.3	4.0	4.3	-
Dairy products	202	41.7	42.2	42.6	41.8	-	4.4	5.0	5.2	4.8	-
Cheese, natural and processed	2022	40.4	41.2	41.5	40.4	-	3.5	4.6	4.3	4.0	-
Fluid milk	2026	42.1	43.1	42.7	42.2	-	4.5	5.2	5.1	4.8	-
Preserved fruits and vegetables	203	41.0	41.6	41.0	42.6	-	6.2	6.5	5.9	6.8	-
Canned specialties	2032	44.8	46.3	42.1	42.5	-	6.5	7.2	4.4	5.3	-
Canned fruits and vegetables	2033	41.9	42.6	41.7	44.1	-	7.2	7.5	7.1	8.5	-
Frozen fruits and vegetables	2037	39.8	39.7	40.8	40.6	-	5.4	5.1	5.2	5.3	-
Grain mill products	204	44.7	45.3	45.0	45.6	-	6.8	8.1	7.2	7.4	-
Flour and other grain mill products	2041	47.3	47.5	44.9	46.0	-	7.3	7.8	6.4	7.0	-
Prepared feeds, nec	2048	43.0	43.2	44.5	44.7	-	6.1	6.8	6.7	6.5	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a
Durable goods—Continued											
Transportation equipment	37	\$15.67	\$15.98	\$16.42	\$16.43	\$16.74	\$670.68	\$688.74	\$697.85	\$722.92	\$748.26
Motor vehicles and equipment	371	15.89	16.34	16.88	16.86	17.29	700.75	728.76	729.22	768.82	803.99
Motor vehicles and car bodies	3711	19.23	19.56	20.88	20.56	-	840.35	884.11	937.51	966.32	-
Truck and bus bodies	3713	13.60	14.57	14.64	14.62	-	598.40	841.08	630.98	638.89	-
Motor vehicle parts and accessories	3714	14.60	14.99	15.13	15.32	-	649.70	687.06	638.49	692.46	-
Truck trailers	3715	9.72	9.74	9.89	9.92	-	420.88	414.92	430.22	430.53	-
Aircraft and parts	372	17.22	17.35	17.99	18.11	-	714.63	721.76	748.38	753.38	-
Aircraft	3721	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$16.53	\$16.96	\$17.44	\$17.25	-	\$719.06	\$732.67	\$777.82	\$736.58	-
Aircraft parts and equipment, nec	3728	15.78	15.79	16.27	16.08	-	659.60	650.55	691.48	689.83	-
Ship and boat building and repairing	373	12.43	12.38	12.58	12.38	-	493.47	492.72	513.26	503.87	-
Ship building and repairing	3731	13.54	13.49	13.91	13.75	-	541.60	540.95	580.05	565.13	-
Boat building and repairing	3732	9.89	9.87	10.04	9.92	-	387.69	386.90	393.57	396.80	-
Railroad equipment	374	14.86	14.96	15.47	15.86	-	628.58	629.82	666.87	743.93	-
Guided missiles, space vehicles, and parts	376	16.86	17.10	17.56	17.63	-	694.63	711.38	746.30	736.93	-
Guided missiles and space vehicles	3761	(^b)	(^b)	(^b)	(^b)	-	-	-	-	-	-
Misc. transportation equipment	379	\$11.20	\$11.22	\$10.65	\$11.03	-	\$449.12	\$453.29	\$420.68	\$434.58	-
Travel trailers and campers	3792	11.02	11.11	10.67	10.63	-	433.09	434.40	421.47	410.32	-
Instruments and related products	38	12.24	12.33	12.46	12.47	12.51	498.17	504.30	515.84	517.51	522.92
Search and navigation equipment	381	16.22	16.43	16.78	16.85	-	650.42	667.06	682.95	677.37	-
Measuring and controlling devices	382	12.16	12.18	12.17	12.24	-	497.34	500.60	512.36	520.20	-
Environmental controls	3822	10.72	10.88	10.68	10.83	-	426.66	441.73	452.83	464.61	-
Process control instruments	3823	11.81	11.67	11.75	11.66	-	488.93	483.14	504.08	503.71	-
Instruments to measure electricity	3825	13.35	13.30	13.52	13.64	-	551.36	554.61	555.67	574.24	-
Medical instruments and supplies	384	10.87	10.90	11.17	11.14	-	442.41	444.72	455.74	457.85	-
Surgical and medical instruments	3841	10.70	10.72	10.82	10.73	-	441.91	440.59	439.29	441.00	-
Surgical appliances and supplies	3842	10.20	10.22	10.60	10.62	-	406.98	413.91	433.54	437.54	-
Ophthalmic goods	385	8.87	8.89	9.38	9.44	-	356.57	353.82	363.01	369.10	-
Photographic equipment and supplies	386	14.71	14.88	15.13	15.07	-	603.11	623.47	655.13	648.01	-
Watches, clocks, watchcases, and parts	387	8.17	8.39	8.64	8.59	-	354.58	359.93	356.83	369.37	-
Miscellaneous manufacturing industries	39	9.32	9.42	9.60	9.59	9.66	370.94	375.66	379.20	382.64	387.37
Jewelry, silverware, and plated ware	391	9.59	9.63	9.85	9.87	-	362.50	372.68	373.32	380.98	-
Jewelry, precious metal	3911	9.43	9.55	9.78	9.77	-	350.80	362.90	366.75	377.12	-
Musical instruments	393	9.23	9.37	9.61	9.43	-	382.74	373.86	361.34	380.03	-
Toys and sporting goods	394	8.71	8.86	9.02	9.11	-	347.53	354.40	359.00	366.22	-
Dolls, games, toys, and children's vehicles	3942,4	8.47	8.59	8.76	8.60	-	326.10	334.15	332.88	346.72	-
Sporting and athletic goods, nec	3949	8.87	9.02	9.15	9.28	-	362.78	368.02	373.32	377.70	-
Pens, pencils, office, and art supplies	395	10.35	10.46	10.74	10.62	-	418.14	420.49	437.12	416.30	-
Costume jewelry and notions	396	8.16	8.17	8.25	8.20	-	328.03	327.62	316.60	320.62	-
Costume jewelry	3961	7.24	7.27	7.14	7.06	-	285.98	290.80	273.46	271.10	-
Miscellaneous manufactures	399	9.72	9.84	9.98	9.96	-	389.77	395.57	398.20	403.38	-
Signs and advertising specialties	3993	9.99	10.20	10.14	10.18	-	402.60	417.18	419.80	420.43	-
Nondurable goods		10.96	11.09	11.29	11.20	11.30	446.07	453.58	460.63	460.32	467.82
Food and kindred products	20	10.43	10.51	10.70	10.60	10.61	429.72	435.11	445.12	444.14	450.93
Meat products	201	8.52	8.62	8.76	8.73	-	345.06	351.70	361.79	362.30	-
Meat packing plants	2011	9.35	9.40	9.50	9.44	-	388.96	396.88	408.50	403.09	-
Sausages and other prepared meats	2013	9.88	10.12	10.14	10.12	-	418.91	431.11	438.05	434.15	-
Poultry slaughtering and processing	2015	7.47	7.55	7.76	7.76	-	292.82	296.72	308.07	312.73	-
Dairy products	202	11.67	11.80	11.97	12.01	-	486.64	497.96	509.92	502.02	-
Cheese, natural and processed	2022	10.50	10.59	10.70	10.79	-	424.20	436.31	444.05	435.92	-
Fluid milk	2026	12.37	12.56	12.76	12.72	-	520.78	541.34	544.85	536.78	-
Preserved fruits and vegetables	203	9.99	9.94	10.17	9.99	-	409.59	413.50	416.97	425.57	-
Canned specialties	2032	12.86	13.24	13.53	13.29	-	576.13	613.01	569.61	564.83	-
Canned fruits and vegetables	2033	10.37	9.95	10.54	10.28	-	434.50	423.87	439.52	453.35	-
Frozen fruits and vegetables	2037	8.75	8.89	8.98	8.70	-	348.25	352.93	366.38	353.22	-
Grain mill products	204	12.63	12.78	13.21	13.20	-	564.56	578.93	594.45	601.92	-
Flour and other grain mill products	2041	10.51	10.59	10.93	11.28	-	497.12	503.03	490.76	518.88	-
Prepared feeds, nec	2048	10.14	10.31	10.58	10.47	-	436.02	445.39	470.81	468.01	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	40.0	40.3	39.3	40.3	-	4.8	4.8	4.6	4.7	-
Bread, cake, and related products	2051	39.4	39.6	39.1	39.3	-	4.5	4.6	4.6	4.5	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	41.3	41.6	39.7	42.0	-	5.3	5.2	4.7	5.0	-
Sugar and confectionery products	206	40.6	40.6	40.6	41.2	-	4.3	4.7	3.6	4.4	-
Raw cane sugar	2061	45.7	47.2	45.3	46.6	-	6.4	8.4	4.9	6.4	-
Cane sugar refining	2062	45.8	47.8	45.7	47.4	-	10.1	10.9	7.2	7.5	-
Beet sugar	2063	39.3	39.7	41.7	42.3	-	5.0	6.2	2.7	3.6	-
Candy and other confectionery products	2064	39.5	39.4	39.4	39.7	-	3.4	3.8	3.2	3.9	-
Fats and oils	207	43.8	43.9	43.8	44.0	-	6.0	6.7	6.5	6.1	-
Beverages	208	41.8	41.9	43.8	41.9	-	5.7	6.0	6.8	5.6	-
Malt beverages	2082	42.5	42.1	47.5	44.9	-	7.4	8.0	9.4	7.9	-
Bottled and canned soft drinks	2086	43.0	42.1	43.4	41.8	-	5.9	5.0	6.8	5.4	-
Misc. food and kindred products	209	41.2	40.8	41.2	41.2	-	5.5	5.2	5.9	6.0	-
Tobacco products	21	37.4	38.1	37.9	38.7	39.3	1.9	2.1	3.5	3.8	-
Cigarettes	211	37.2	36.5	38.4	39.1	-	1.7	1.5	3.9	4.8	-
Textile mill products	22	41.8	41.9	41.2	41.9	42.0	4.7	4.8	4.5	4.8	-
Broadwoven fabric mills, cotton	221	42.4	42.9	41.7	42.7	-	6.1	6.7	5.8	6.0	-
Broadwoven fabric mills, synthetics	222	42.0	41.9	40.4	42.1	-	4.5	4.7	4.1	4.9	-
Broadwoven fabric mills, wool	223	43.5	45.2	43.3	41.1	-	5.7	7.6	5.7	5.0	-
Narrow fabric mills	224	40.0	39.6	39.2	40.5	-	3.0	2.9	2.9	3.6	-
Knitting mills	225	40.1	40.0	40.4	40.7	-	3.3	3.3	3.5	3.6	-
Women's hosiery, except socks	2251	37.1	39.8	39.5	38.9	-	1.9	3.4	3.0	2.9	-
Hosiery, nec	2252	39.6	39.2	40.1	40.2	-	3.4	3.5	3.8	3.8	-
Knit outerwear mills	2253	40.6	40.2	39.7	40.5	-	3.2	3.0	3.0	3.3	-
Knit underwear mills	2254	39.9	38.8	39.8	39.3	-	2.5	1.6	2.2	1.7	-
Weft knit fabric mills	2257	40.2	39.8	41.8	42.5	-	3.8	3.5	4.7	4.8	-
Textile finishing, except wool	226	43.5	43.3	43.1	43.5	-	6.0	5.7	5.7	6.6	-
Finishing plants, cotton	2261	44.3	44.9	43.9	45.0	-	6.4	6.5	5.9	7.2	-
Finishing plants, synthetics	2262	42.5	40.7	41.8	41.7	-	5.7	4.4	5.1	5.7	-
Carpets and rugs	227	44.1	44.0	41.7	42.8	-	6.5	6.7	5.0	5.7	-
Yarn and thread mills	228	41.4	41.7	41.1	42.1	-	4.4	4.5	4.6	4.8	-
Yarn spinning mills	2281	41.7	42.0	41.4	42.4	-	4.5	4.6	4.8	5.0	-
Throwing and winding mills	2282	38.6	39.6	38.5	39.8	-	3.3	3.6	3.3	3.5	-
Miscellaneous textile goods	229	43.4	44.2	42.1	42.2	-	5.0	5.4	4.7	4.7	-
Apparel and other textile products	23	37.4	36.9	37.4	37.8	37.8	1.9	1.9	2.0	2.2	-
Men's and boys' suits and coats	231	36.1	36.1	37.5	37.0	-	1.1	1.2	1.2	1.4	-
Men's and boys' furnishings	232	37.3	36.4	37.6	37.8	-	1.5	1.5	2.0	2.0	-
Men's and boys' shirts	2321	36.1	34.7	37.3	37.3	-	1.2	.9	1.3	1.8	-
Men's and boys' trousers and slacks	2325	37.0	36.0	37.4	37.3	-	1.7	1.7	2.2	1.9	-
Men's and boys' work clothing	2326	37.5	36.8	37.8	37.9	-	1.5	1.3	1.8	1.7	-
Women's and misses' outerwear	233	36.4	35.5	35.9	36.2	-	1.7	1.5	1.8	1.8	-
Women's and misses' blouses and shirts	2331	35.9	35.3	36.8	35.6	-	1.1	1.1	1.1	1.1	-
Women's, juniors', and misses' dresses	2335	37.0	36.0	36.6	36.2	-	2.4	2.1	2.7	2.1	-
Women's and misses' suits and coats	2337	36.6	35.9	35.6	35.5	-	1.7	1.6	1.6	1.6	-
Women's and misses' outerwear, nec	2339	36.3	35.3	35.7	36.5	-	1.6	1.3	1.7	1.8	-
Women's and children's undergarments	234	38.3	37.9	37.6	36.3	-	1.9	1.9	2.3	2.4	-
Women's and children's underwear	2341	36.5	36.3	37.6	38.6	-	2.0	1.9	2.2	2.3	-
Brassieres, girdles, and allied garments	2342	37.6	36.2	37.6	37.0	-	1.5	1.8	2.5	2.7	-
Girls' and children's outerwear	236	36.7	36.6	38.5	37.7	-	1.6	1.9	2.4	2.2	-
Girls' and children's dresses and blouses	2361	36.2	36.2	37.6	37.4	-	1.5	1.8	2.3	2.1	-
Misc. apparel and accessories	238	37.2	37.0	36.4	37.3	-	1.6	1.9	1.4	1.8	-
Misc. fabricated textile products	239	39.5	39.6	38.6	39.8	-	3.2	3.5	2.5	3.4	-
Curtains and draperies	2391	38.8	38.7	37.2	38.0	-	2.5	2.7	1.5	1.5	-
House furnishings, nec	2392	39.9	40.2	38.4	39.0	-	3.4	4.0	2.8	3.1	-
Automotive and apparel trimmings	2396	40.1	40.1	38.6	40.9	-	3.7	3.7	2.0	4.3	-
Paper and allied products	26	43.4	44.1	43.9	43.9	44.3	5.4	6.2	5.8	5.9	-
Paper mills	262	44.6	46.2	45.9	45.1	-	6.0	7.5	6.3	6.0	-
Paperboard mills	263	44.8	46.3	46.1	45.5	-	6.7	7.9	7.4	7.6	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	\$11.72	\$11.76	\$11.91	\$11.83	-	\$468.80	\$473.93	\$468.06	\$478.75	-
Bread, cake, and related products	2051	11.60	11.66	11.82	11.64	-	457.04	461.74	462.16	457.45	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	11.95	11.94	12.09	12.17	-	493.54	496.70	479.97	511.14	-
Sugar and confectionery products	206	11.50	11.40	11.79	11.74	-	466.90	462.84	478.67	483.69	-
Raw cane sugar	2061	10.66	10.83	10.64	10.83	-	487.16	511.18	481.99	504.68	-
Cane sugar refining	2062	16.41	16.29	15.94	15.81	-	751.58	778.66	728.46	749.39	-
Beet sugar	2063	13.16	12.49	13.19	13.61	-	517.19	495.85	550.02	575.70	-
Candy and other confectionery products	2064	10.38	10.36	10.75	10.87	-	410.01	408.18	423.55	423.60	-
Fats and oils	207	11.12	11.12	11.50	11.37	-	487.06	488.17	503.70	500.28	-
Beverages	208	14.60	14.86	15.10	15.00	-	610.28	622.63	661.38	628.50	-
Malt beverages	2082	19.97	20.54	20.50	20.39	-	848.73	864.73	973.75	915.51	-
Bottled and canned soft drinks	2086	12.01	12.09	12.21	12.09	-	516.43	508.99	529.91	505.36	-
Misc. food and kindred products	209	9.45	9.58	9.47	9.42	-	389.34	390.86	390.16	388.10	-
Tobacco products	21	17.22	16.13	20.38	18.26	\$18.04	644.03	614.55	772.40	706.66	\$708.97
Cigarettes	211	21.16	21.35	23.13	23.15	-	787.15	779.28	888.19	905.17	-
Textile mill products	22	8.91	8.96	9.12	9.13	9.23	372.44	375.42	375.74	382.55	367.66
Broadwoven fabric mills, cotton	221	9.32	9.40	9.60	9.54	-	395.17	403.26	400.32	407.36	-
Broadwoven fabric mills, synthetics	222	9.77	9.86	10.08	10.14	-	410.34	413.13	407.23	426.89	-
Broadwoven fabric mills, wool	223	9.37	9.53	9.65	9.51	-	407.60	430.76	417.85	390.86	-
Narrow fabric mills	224	8.26	8.26	8.39	8.41	-	330.40	327.10	328.89	340.61	-
Knitting mills	225	8.13	8.12	8.29	8.34	-	326.01	324.80	334.92	339.44	-
Women's hosiery, except socks	2251	7.55	7.71	7.82	7.88	-	280.11	306.86	308.89	306.53	-
Hosiery, nec	2252	7.82	7.86	8.08	8.07	-	309.67	308.11	324.01	324.41	-
Knit outerwear mills	2253	7.79	7.75	7.80	7.79	-	316.27	311.55	309.66	315.50	-
Knit underwear mills	2254	8.22	8.03	8.35	8.42	-	327.98	311.56	332.33	330.91	-
Weft knit fabric mills	2257	9.09	9.07	9.32	9.25	-	365.42	360.99	369.56	393.13	-
Textile finishing, except wool	226	9.16	9.17	9.37	9.47	-	398.46	397.06	403.85	411.95	-
Finishing plants, cotton	2261	9.03	9.06	9.07	9.24	-	400.03	406.79	398.17	415.80	-
Finishing plants, synthetics	2262	9.74	9.62	9.93	9.96	-	413.95	391.53	415.07	415.33	-
Carpets and rugs	227	8.99	9.03	9.08	9.03	-	396.46	397.32	378.64	386.48	-
Yarn and thread mills	228	8.60	8.67	8.92	8.92	-	356.04	361.54	366.61	375.53	-
Yarn spinning mills	2281	8.56	8.61	8.87	8.88	-	356.95	361.62	367.22	376.51	-
Throwing and winding mills	2282	8.91	9.13	9.52	9.40	-	343.93	361.55	366.52	374.12	-
Miscellaneous textile goods	229	10.41	10.45	10.47	10.37	-	451.79	461.89	440.79	437.61	-
Apparel and other textile products	23	7.07	7.15	7.31	7.35	7.42	264.42	263.84	273.39	277.83	280.48
Men's and boys' suits and coats	231	7.62	7.71	8.06	7.86	-	275.08	278.33	302.25	290.82	-
Men's and boys' furnishings	232	6.87	6.75	6.99	7.00	-	248.79	245.70	262.82	264.60	-
Men's and boys' shirts	2321	6.64	6.76	6.87	6.93	-	239.70	234.57	256.25	258.49	-
Men's and boys' trousers and slacks	2325	6.50	6.63	6.94	6.89	-	240.50	238.68	259.58	257.00	-
Men's and boys' work clothing	2326	6.41	6.45	6.73	6.69	-	240.38	237.36	254.39	253.55	-
Women's and misses' outerwear	233	6.76	6.79	6.96	6.95	-	246.06	241.05	249.86	251.59	-
Women's and misses' blouses and shirts	2331	6.21	6.35	6.38	6.45	-	222.94	224.16	234.78	229.62	-
Women's, juniors', and misses' dresses	2335	7.38	7.40	7.54	7.57	-	273.06	266.40	275.96	274.03	-
Women's and misses' suits and coats	2337	7.15	7.29	7.43	7.53	-	263.12	261.71	264.51	267.32	-
Women's and misses' outerwear, nec	2339	6.60	6.59	6.83	6.78	-	239.58	232.63	243.63	247.47	-
Women's and children's undergarments	234	6.82	6.91	7.00	6.96	-	261.21	261.89	263.20	266.57	-
Women's and children's underwear	2341	6.65	6.71	6.81	6.71	-	256.03	256.99	256.06	259.01	-
Brassieres, girdles, and allied garments	2342	7.57	7.80	7.79	8.03	-	284.63	282.36	292.90	297.11	-
Girls' and children's outerwear	236	6.40	6.40	6.56	6.56	-	234.88	234.24	252.56	247.31	-
Girls' and children's dresses and blouses	2361	6.41	6.34	6.45	6.47	-	232.04	229.51	242.52	241.98	-
Misc. apparel and accessories	238	6.90	7.00	6.86	6.96	-	256.68	259.00	249.70	259.61	-
Misc. fabricated textile products	239	8.14	8.25	8.31	8.52	-	321.53	326.70	320.77	339.10	-
Curtains and draperies	2391	7.14	7.28	7.34	7.15	-	277.03	281.74	273.05	271.70	-
House furnishings, nec	2392	7.34	7.45	7.57	7.69	-	292.87	299.49	290.69	299.91	-
Automotive and apparel trimmings	2396	10.15	10.27	10.36	11.02	-	407.02	411.83	399.90	450.72	-
Paper and allied products	26	13.40	13.67	13.82	13.79	14.00	581.56	602.85	606.70	605.38	620.20
Paper mills	262	16.66	17.04	17.11	17.09	-	743.04	787.25	785.35	770.76	-
Paperboard mills	263	16.68	17.14	17.27	17.31	-	747.26	793.58	796.15	787.61	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	43.5	43.4	43.7	44.3	-	5.5	5.9	5.9	6.4	-
Corrugated and solid fiber boxes	2653	44.6	44.2	44.4	45.1	-	6.3	6.8	6.6	7.2	-
Sanitary food containers	2656	42.8	42.2	43.4	43.4	-	4.7	4.4	5.5	5.1	-
Folding paperboard boxes	2657	42.7	43.4	43.7	44.3	-	4.8	5.0	5.9	6.3	-
Misc. converted paper products	267	42.0	42.4	42.1	42.1	-	4.7	5.0	4.9	5.0	-
Paper, coated and laminated, nec	2672	42.7	42.7	43.1	43.1	-	3.9	3.9	4.7	4.2	-
Bags: plastics, laminated, and coated	2673	42.3	43.2	42.2	41.2	-	5.3	6.2	5.5	5.1	-
Envelopes	2677	41.4	41.2	41.3	41.8	-	3.7	3.7	3.8	4.3	-
Printing and publishing	27	38.4	38.7	38.3	38.7	39.1	3.2	3.6	3.2	3.5	-
Newspapers	271	32.8	33.2	32.7	32.9	-	1.2	1.4	1.2	1.3	-
Periodicals	272	37.5	38.0	36.5	37.3	-	2.1	2.9	2.4	3.4	-
Books	273	39.9	40.5	40.0	41.2	-	3.8	4.6	3.5	3.8	-
Book publishing	2731	38.9	38.4	38.9	40.8	-	2.2	2.4	2.0	2.1	-
Book printing	2732	41.0	42.8	41.3	41.6	-	5.6	7.0	5.2	5.7	-
Miscellaneous publishing	274	37.4	36.6	36.9	37.2	-	2.2	2.1	2.2	2.4	-
Commercial printing	275	40.0	40.5	40.0	40.3	-	4.0	4.6	4.1	4.4	-
Commercial printing, lithographic	2752	39.9	40.5	39.8	39.9	-	4.0	4.5	3.9	4.1	-
Commercial printing, nec	2759	39.6	39.9	40.0	40.6	-	3.5	4.2	4.0	4.3	-
Manifold business forms	276	41.5	41.3	41.6	41.4	-	4.2	3.9	4.4	4.2	-
Blankbooks and bookbinding	278	39.4	39.7	39.7	39.9	-	2.6	2.9	2.7	2.9	-
Printing trade services	279	39.7	39.7	39.7	39.7	-	4.2	4.3	4.3	4.4	-
Chemicals and allied products	28	42.9	43.4	43.1	42.9	43.0	4.8	5.3	5.0	4.9	-
Industrial inorganic chemicals	281	43.0	43.9	44.2	44.3	-	4.9	5.7	5.7	5.6	-
Industrial inorganic chemicals, nec	2819	42.6	43.2	43.3	43.6	-	5.1	5.8	5.8	5.5	-
Plastics materials and synthetics	282	43.7	44.9	44.2	43.7	-	5.9	6.9	6.4	6.2	-
Plastics materials and resins	2821	44.3	45.9	44.9	44.4	-	6.3	7.4	6.8	6.8	-
Organic fibers, noncellulosic	2824	43.1	44.4	43.3	42.9	-	5.5	6.8	6.0	5.7	-
Drugs	283	41.3	41.5	40.8	41.1	-	3.7	3.7	3.7	3.7	-
Pharmaceutical preparations	2834	41.1	41.2	40.5	40.8	-	3.6	3.7	3.6	3.6	-
Soap, cleaners, and toilet goods	284	41.7	41.5	41.1	40.8	-	3.9	3.7	3.4	3.5	-
Soap and other detergents	2841	42.3	43.0	42.2	40.9	-	4.9	4.7	3.7	4.2	-
Polishing, sanitation, and finishing preparations	2842,3	41.3	41.3	40.4	40.6	-	4.2	4.3	3.9	3.7	-
Toilet preparations	2844	41.5	40.8	41.0	41.0	-	3.1	2.8	2.9	2.9	-
Paints and allied products	285	43.0	42.4	43.4	43.0	-	4.6	4.5	5.0	4.6	-
Industrial organic chemicals	286	45.0	46.4	45.4	45.1	-	6.0	6.9	6.2	6.0	-
Cyclic crudes and intermediates	2865	44.3	46.2	45.7	45.8	-	7.6	9.0	8.2	8.4	-
Industrial organic chemicals, nec	2869	45.1	46.4	45.4	44.9	-	5.6	6.4	5.7	5.4	-
Agricultural chemicals	287	44.5	45.9	45.3	45.3	-	5.7	6.3	5.9	6.1	-
Miscellaneous chemical products	289	42.8	42.8	43.3	43.2	-	4.7	5.0	5.4	5.2	-
Petroleum and coal products	29	44.1	44.1	43.8	43.5	47.3	6.0	6.3	6.2	6.1	-
Petroleum refining	291	43.4	43.7	43.2	42.6	-	4.9	5.5	5.1	5.1	-
Asphalt paving and roofing materials	295	47.0	46.2	46.5	46.7	-	10.3	9.9	10.1	9.7	-
Rubber and misc. plastics products	30	41.7	41.6	41.6	42.0	42.1	4.4	4.6	4.6	4.8	-
Tires and inner tubes	301	43.8	44.0	43.8	42.6	-	6.9	6.8	6.3	6.9	-
Rubber and plastics footwear	302	42.5	38.5	39.7	40.6	-	3.7	2.9	1.8	4.9	-
Hose, belting, gaskets, and packing	305	41.6	40.7	41.4	42.1	-	4.1	3.5	5.1	4.8	-
Rubber and plastics hose and belting	3052	42.5	41.9	43.4	43.8	-	4.7	4.0	6.2	5.6	-
Fabricated rubber products, nec	306	40.9	40.7	41.0	41.5	-	3.6	3.7	3.9	4.2	-
Miscellaneous plastics products, nec	308	41.5	41.7	41.5	42.0	-	4.2	4.6	4.6	4.7	-
Leather and leather products	31	38.4	38.4	37.9	38.3	38.8	2.5	2.4	2.2	2.3	-
Leather tanning and finishing	311	40.9	40.7	42.3	43.4	-	4.9	4.7	4.8	5.6	-
Footwear, except rubber	314	38.2	38.0	36.9	37.2	-	2.0	2.0	1.7	1.6	-
Men's footwear, except athletic	3143	37.8	37.9	35.5	36.8	-	2.1	2.1	1.4	1.3	-
Women's footwear, except athletic	3144	38.0	37.4	38.6	37.7	-	1.8	1.8	2.0	1.8	-
Luggage	316	38.2	37.3	39.7	39.8	-	2.9	1.6	3.4	3.1	-
Handbags and personal leather goods	317	38.2	38.4	37.9	37.2	-	2.0	2.2	1.8	1.8	-
Transportation and public utilities		40.3	39.8	40.3	40.4	40.3	-	-	-	-	-
Railroad transportation:											
Class I railroads ³	4011	47.1	45.7	48.0	48.4	-	-	-	-	-	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	\$11.38	\$11.55	\$11.81	\$11.84	-	\$495.03	\$501.27	\$516.10	\$524.51	-
Corrugated and solid fiber boxes	2653	11.48	11.71	11.91	11.97	-	512.01	517.58	528.80	539.85	-
Sanitary food containers	2656	11.30	11.39	11.41	11.49	-	483.64	480.66	495.19	498.67	-
Folding paperboard boxes	2657	11.92	12.01	12.43	12.48	-	508.98	521.23	543.19	552.86	-
Misc. converted paper products	267	11.76	11.84	12.03	12.01	-	493.92	502.02	506.46	505.62	-
Paper, coated and laminated, nec	2672	13.39	13.47	14.02	13.83	-	571.75	575.17	604.26	596.07	-
Bags: plastics, laminated, and coated	2673	11.17	11.38	11.42	11.39	-	472.49	491.62	481.92	469.27	-
Envelopes	2677	10.89	10.88	11.22	11.20	-	450.85	448.26	483.39	468.16	-
Printing and publishing	27	11.96	12.09	12.12	12.12	\$12.29	459.26	467.88	464.20	469.04	\$480.54
Newspapers	271	11.79	11.92	12.07	11.99	-	386.71	395.74	394.69	394.47	-
Periodicals	272	13.45	13.42	13.30	13.35	-	504.38	509.96	485.45	497.96	-
Books	273	11.10	11.40	11.22	11.35	-	442.89	461.70	448.80	467.62	-
Book publishing	2731	10.67	10.89	10.68	10.76	-	415.06	418.18	415.45	439.01	-
Book printing	2732	11.57	11.90	11.81	11.99	-	474.37	509.32	487.75	498.78	-
Miscellaneous publishing	274	11.35	11.40	11.76	11.75	-	424.49	417.24	433.94	437.10	-
Commercial printing	275	12.15	12.29	12.31	12.34	-	486.00	497.75	492.40	497.30	-
Commercial printing, lithographic	2752	12.28	12.42	12.41	12.46	-	489.97	503.01	493.92	497.15	-
Commercial printing, nec	2759	11.67	11.81	11.91	11.91	-	462.13	471.22	476.40	483.55	-
Manifold business forms	276	12.59	12.65	13.07	12.92	-	522.49	522.45	543.71	534.89	-
Blankbooks and bookbinding	278	9.34	9.42	9.52	9.47	-	368.00	373.97	377.94	377.85	-
Printing trade services	279	14.64	14.61	14.74	14.72	-	581.21	580.02	585.18	584.38	-
Chemicals and allied products	28	14.76	14.97	15.21	15.15	15.32	633.20	649.70	655.55	649.94	658.76
Industrial inorganic chemicals	281	16.44	16.86	16.88	16.74	-	706.92	740.15	746.10	741.58	-
Industrial inorganic chemicals, nec	2819	16.94	17.34	17.26	17.14	-	721.64	749.09	747.36	747.30	-
Plastics materials and synthetics	282	15.14	15.36	15.56	15.58	-	661.62	689.66	687.75	680.85	-
Plastics materials and resins	2821	16.36	16.76	17.10	17.32	-	724.75	769.28	767.79	769.01	-
Organic fibers, noncellulosic	2824	13.83	13.84	13.78	13.53	-	596.07	614.50	596.67	580.44	-
Drugs	283	14.47	14.66	14.92	14.85	-	597.61	608.39	608.74	610.34	-
Pharmaceutical preparations	2834	14.52	14.68	14.87	14.82	-	596.77	604.82	602.24	604.66	-
Soap, cleaners, and toilet goods	284	12.27	12.39	12.61	12.44	-	511.66	514.19	518.27	507.55	-
Soap and other detergents	2841	15.79	15.90	16.12	15.84	-	667.92	683.70	680.26	647.86	-
Polishing, sanitation, and finishing preparations	2842,3	11.72	11.65	11.79	11.78	-	484.04	481.15	476.32	478.27	-
Toilet preparations	2844	10.42	10.64	11.11	10.97	-	432.43	434.11	455.51	449.77	-
Paints and allied products	285	12.54	12.78	13.01	12.91	-	539.22	541.87	564.83	555.13	-
Industrial organic chemicals	286	17.81	17.86	18.18	18.27	-	801.45	828.70	825.37	823.98	-
Cyclic crudes and intermediates	2865	17.55	17.50	17.93	17.77	-	777.47	808.50	819.40	813.87	-
Industrial organic chemicals, nec	2869	17.99	18.07	18.36	18.52	-	811.35	838.45	833.54	831.55	-
Agricultural chemicals	287	15.22	15.30	15.48	15.57	-	677.29	702.27	701.24	705.32	-
Miscellaneous chemical products	289	13.48	13.71	14.23	14.10	-	576.94	586.79	616.16	609.12	-
Petroleum and coal products	29	18.36	18.70	18.99	18.78	19.33	809.68	824.67	831.76	816.93	914.31
Petroleum refining	291	20.27	20.63	21.07	20.85	-	879.72	901.53	910.22	888.21	-
Asphalt paving and roofing materials	295	14.08	14.27	14.34	14.23	-	661.76	659.27	666.81	664.54	-
Rubber and misc. plastics products	30	10.53	10.66	10.75	10.62	10.65	439.10	443.46	447.20	446.04	448.37
Tires and inner tubes	301	17.43	17.86	17.93	17.65	-	763.43	785.84	785.33	751.89	-
Rubber and plastics footwear	302	7.58	7.85	7.58	8.09	-	322.15	302.23	300.93	328.45	-
Hose, belting, gaskets, and packing	305	10.51	10.55	11.14	10.92	-	437.22	429.39	461.20	459.73	-
Rubber and plastics hose and belting	3052	10.73	10.76	11.47	11.19	-	456.03	450.84	497.80	490.12	-
Fabricated rubber products, nec	306	10.03	10.03	10.24	10.21	-	410.23	408.22	419.84	423.72	-
Miscellaneous plastics products, nec	308	9.80	9.92	10.02	9.98	-	406.70	413.66	415.63	419.16	-
Leather and leather products	31	7.63	7.69	7.96	7.93	7.87	292.99	295.30	301.68	303.72	305.36
Leather tanning and finishing	311	10.00	10.09	10.70	10.57	-	409.00	410.66	452.61	458.74	-
Footwear, except rubber	314	7.22	7.29	7.50	7.43	-	275.80	277.02	276.75	276.40	-
Men's footwear, except athletic	3143	7.74	7.84	8.00	7.84	-	292.57	297.14	264.00	288.51	-
Women's footwear, except athletic	3144	6.70	6.79	7.07	7.10	-	254.60	253.95	272.90	267.67	-
Luggage	316	7.81	7.83	7.92	7.85	-	306.15	292.06	314.42	312.43	-
Handbags and personal leather goods	317	6.89	6.92	7.18	7.43	-	263.20	265.73	272.12	276.40	-
Transportation and public utilities		13.62	13.67	13.84	13.87	13.91	548.89	544.07	557.75	560.35	560.57
Railroad transportation:											
Class I railroads ³	4011	16.94	16.88	16.79	16.89	-	797.87	771.42	805.92	817.48	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	35.4	33.4	35.2	35.0	-	-	-	-	-	-
Local and suburban transportation	411	38.3	38.5	38.1	38.0	-	-	-	-	-	-
Intercity and rural bus transportation	413	39.2	38.4	38.3	37.3	-	-	-	-	-	-
Trucking and warehousing	42	39.7	39.2	39.6	40.0	-	-	-	-	-	-
Trucking and courier services, except air	421	39.6	39.1	39.6	40.0	-	-	-	-	-	-
Public warehousing and storage	422	40.3	40.9	39.9	40.4	-	-	-	-	-	-
Water transportation:											
Water transportation services	449	36.4	35.6	35.8	37.0	-	-	-	-	-	-
Pipelines, except natural gas	46	42.8	41.4	43.4	43.7	-	-	-	-	-	-
Transportation services	47	38.0	37.1	37.2	37.4	-	-	-	-	-	-
Passenger transportation arrangement	472	37.0	36.2	35.7	36.2	-	-	-	-	-	-
Travel agencies	4724	37.0	36.1	35.7	36.1	-	-	-	-	-	-
Freight transportation arrangement	473	39.1	37.9	38.9	38.9	-	-	-	-	-	-
Communications	48	40.1	39.8	39.9	39.9	-	-	-	-	-	-
Telephone communications	481	41.8	41.3	41.7	41.7	-	-	-	-	-	-
Telephone communications, except radio	4813	41.8	41.4	41.9	41.9	-	-	-	-	-	-
Radio and television broadcasting	483	35.1	34.6	34.5	34.3	-	-	-	-	-	-
Cable and other pay television services	484	39.3	39.9	39.0	39.0	-	-	-	-	-	-
Electric, gas, and sanitary services	49	42.3	42.4	42.3	41.9	-	-	-	-	-	-
Electric services	491	42.3	42.2	42.5	41.7	-	-	-	-	-	-
Gas production and distribution	492	42.7	42.9	42.1	42.5	-	-	-	-	-	-
Combination utility services	493	42.1	42.5	42.4	41.4	-	-	-	-	-	-
Sanitary services	495	42.9	42.8	42.5	42.7	-	-	-	-	-	-
Wholesale trade		38.4	38.1	38.4	38.3	38.4	-	-	-	-	-
Durable goods	50	39.1	38.7	39.0	38.9	-	-	-	-	-	-
Motor vehicles, parts, and supplies	501	38.7	38.2	38.8	38.5	-	-	-	-	-	-
Furniture and home furnishings	502	37.7	37.3	37.0	37.3	-	-	-	-	-	-
Lumber and other construction materials	503	40.4	39.9	40.4	40.2	-	-	-	-	-	-
Professional and commercial equipment	504	39.4	38.8	38.8	38.9	-	-	-	-	-	-
Medical and hospital equipment	5047	38.5	38.2	38.0	38.0	-	-	-	-	-	-
Metals and minerals, except petroleum	505	40.8	40.1	40.7	41.0	-	-	-	-	-	-
Electrical goods	506	38.6	38.2	38.6	38.5	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	39.2	38.6	38.9	38.9	-	-	-	-	-	-
Machinery, equipment, and supplies	508	39.7	39.4	39.7	39.5	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	37.5	37.2	37.8	37.9	-	-	-	-	-	-
Nondurable goods	51	37.5	37.3	37.7	37.5	-	-	-	-	-	-
Paper and paper products	511	36.6	36.1	36.6	36.8	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	37.4	37.1	37.4	36.6	-	-	-	-	-	-
Apparel, piece goods, and notions	513	36.9	36.7	36.4	36.8	-	-	-	-	-	-
Groceries and related products	514	38.3	38.4	38.9	38.5	-	-	-	-	-	-
Farm-product raw materials	515	35.3	35.8	35.1	35.1	-	-	-	-	-	-
Chemicals and allied products	516	40.3	40.1	39.6	39.7	-	-	-	-	-	-
Petroleum and petroleum products	517	37.8	37.2	37.9	37.7	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	37.4	37.0	37.3	37.2	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	36.6	36.3	36.9	36.6	-	-	-	-	-	-
Retail trade		29.7	28.8	29.7	29.7	29.0	-	-	-	-	-
Building materials and garden supplies	52	37.2	36.6	37.1	36.8	-	-	-	-	-	-
Lumber and other building materials	521	39.1	38.6	39.0	38.6	-	-	-	-	-	-
Paint, glass, and wallpaper stores	523	37.0	36.7	36.6	37.0	-	-	-	-	-	-
Hardware stores	525	33.1	32.2	32.8	32.6	-	-	-	-	-	-
Retail nurseries and garden stores	526	33.8	33.2	34.0	33.6	-	-	-	-	-	-
General merchandise stores	53	29.7	29.6	30.4	30.2	-	-	-	-	-	-
Department stores	531	29.7	29.8	30.4	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 workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	\$10.08	\$10.00	\$10.27	\$10.27	-	\$356.83	\$334.00	\$361.50	\$359.45	-
Local and suburban transportation	411	10.63	10.70	10.78	10.77	-	407.13	411.95	410.72	409.26	-
Intercity and rural bus transportation	413	12.84	12.75	12.78	12.75	-	503.33	489.60	489.47	475.58	-
Trucking and warehousing	42	12.36	12.44	12.46	12.54	-	490.69	487.65	493.42	501.60	-
Trucking and courier services, except air	421	12.54	12.64	12.63	12.72	-	496.58	494.22	500.15	508.80	-
Public warehousing and storage	422	9.91	9.94	10.22	10.14	-	399.37	406.55	407.78	409.66	-
Water transportation:											
Water transportation services	449	16.64	17.81	17.69	16.51	-	605.70	634.04	633.30	610.87	-
Pipelines, except natural gas	46	19.43	19.65	19.73	19.42	-	831.60	813.51	856.28	848.65	-
Transportation services	47	11.09	11.12	11.74	11.76	-	421.42	412.55	436.73	439.82	-
Passenger transportation arrangement	472	10.28	10.32	11.03	11.11	-	380.36	373.58	393.77	402.18	-
Travel agencies	4724	10.25	10.29	11.08	11.16	-	379.25	371.47	395.56	402.88	-
Freight transportation arrangement	473	12.24	12.28	12.86	12.82	-	478.58	465.41	500.25	498.70	-
Communications	48	14.96	15.10	15.19	15.39	-	599.90	600.98	606.08	614.06	-
Telephone communications	481	15.70	15.85	15.85	16.08	-	656.26	654.61	660.95	670.54	-
Telephone communications, except radio	4813	15.88	16.04	16.16	16.41	-	663.78	664.06	677.10	687.58	-
Radio and television broadcasting	483	14.24	14.52	14.78	15.01	-	499.82	502.39	509.91	514.84	-
Cable and other pay television services	484	11.50	11.54	11.81	11.84	-	451.95	460.45	460.59	461.76	-
Electric, gas, and sanitary services	49	16.64	16.81	17.32	17.17	-	703.87	712.74	732.64	719.42	-
Electric services	491	17.33	17.40	18.14	17.97	-	733.06	734.28	770.95	749.35	-
Gas production and distribution	492	16.19	16.38	16.62	16.62	-	691.31	702.70	699.70	706.35	-
Combination utility services	493	19.73	20.12	20.70	20.63	-	830.63	855.10	877.88	854.08	-
Sanitary services	495	12.03	12.17	12.33	12.13	-	516.09	520.88	524.03	517.95	-
Wholesale trade		11.75	11.80	12.00	11.96	\$12.05	451.20	449.58	460.80	458.07	\$462.72
Durable goods	50	12.10	12.17	12.36	12.31	-	473.11	470.98	482.04	478.86	-
Motor vehicles, parts, and supplies	501	10.60	10.69	10.88	10.86	-	410.22	408.36	422.14	418.11	-
Furniture and home furnishings	502	10.73	10.75	10.94	10.85	-	404.52	400.98	404.78	404.71	-
Lumber and other construction materials	503	11.16	11.26	11.51	11.48	-	450.86	449.27	465.00	461.50	-
Professional and commercial equipment	504	14.65	14.70	14.87	14.82	-	577.21	570.36	576.96	576.50	-
Medical and hospital equipment	5047	13.30	13.28	13.13	13.09	-	512.05	507.30	498.94	497.42	-
Metals and minerals, except petroleum	505	12.07	12.12	12.31	12.20	-	492.46	486.01	501.02	500.20	-
Electrical goods	506	12.57	12.64	12.81	12.73	-	485.20	482.85	494.47	490.11	-
Hardware, plumbing, and heating equipment	507	11.40	11.49	11.82	11.70	-	446.88	443.51	459.80	455.13	-
Machinery, equipment, and supplies	508	11.93	12.04	12.41	12.34	-	473.62	474.38	492.68	487.43	-
Misc. wholesale trade durable goods	509	9.48	9.52	9.75	9.80	-	355.50	354.14	368.55	371.42	-
Nondurable goods	51	11.27	11.30	11.50	11.48	-	422.63	421.49	433.55	430.50	-
Paper and paper products	511	11.91	12.12	12.05	11.90	-	435.91	437.53	441.03	437.92	-
Drugs, proprietaries, and sundries	512	13.42	13.46	14.30	14.25	-	501.91	499.37	534.82	521.55	-
Apparel, piece goods, and notions	513	10.84	10.82	11.14	10.99	-	400.00	397.09	405.50	404.43	-
Groceries and related products	514	11.51	11.49	11.73	11.81	-	440.83	441.22	456.30	454.69	-
Farm-product raw materials	515	8.38	8.41	8.66	8.58	-	295.81	301.08	303.97	301.16	-
Chemicals and allied products	516	13.21	13.26	13.25	13.19	-	532.36	531.73	524.70	523.64	-
Petroleum and petroleum products	517	10.60	10.67	10.88	10.78	-	400.68	396.92	412.35	406.41	-
Beer, wine, and distilled beverages	518	12.92	12.99	13.16	13.06	-	483.21	480.63	490.87	485.83	-
Misc. wholesale trade nondurable goods	519	9.51	9.58	9.59	9.62	-	348.07	347.75	353.87	352.09	-
Retail trade		7.24	7.32	7.44	7.43	7.54	215.03	210.82	220.97	220.67	218.66
Building materials and garden supplies	52	8.64	8.74	8.78	8.83	-	321.41	319.88	325.74	324.94	-
Lumber and other building materials	521	8.98	9.06	9.08	9.12	-	351.12	349.72	354.12	352.03	-
Paint, glass, and wallpaper stores	523	9.28	9.29	9.44	9.44	-	343.36	340.94	345.50	349.28	-
Hardware stores	525	7.37	7.49	7.51	7.52	-	243.95	241.18	246.33	245.15	-
Retail nurseries and garden stores	526	7.60	7.72	7.80	7.83	-	256.88	256.30	265.20	263.09	-
General merchandise stores	53	7.30	7.30	7.46	7.42	-	216.81	216.08	226.78	224.08	-
Department stores	531	7.30	7.28	7.43	7.39	-	216.81	216.94	225.87	223.92	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a
Retail trade—Continued											
General merchandise stores—Continued											
Variety stores	533	28.5	27.9	28.8	28.5	-	-	-	-	-	-
Misc. general merchandise stores	539	30.2	29.4	30.8	30.6	-	-	-	-	-	-
Food stores											
Food stores	54	30.5	29.9	30.8	30.5	-	-	-	-	-	-
Grocery stores	541	30.6	30.1	30.9	30.7	-	-	-	-	-	-
Retail bakeries	548	29.5	26.6	29.0	29.2	-	-	-	-	-	-
Automotive dealers and service stations											
Automotive dealers and service stations	55	36.6	35.9	36.2	36.1	-	-	-	-	-	-
New and used car dealers	551	37.7	37.1	37.1	37.1	-	-	-	-	-	-
Auto and home supply stores	553	38.6	38.0	38.4	38.5	-	-	-	-	-	-
Gasoline service stations	554	34.1	33.1	33.6	33.3	-	-	-	-	-	-
Automotive dealers, nec	559	34.0	33.5	35.2	34.2	-	-	-	-	-	-
Apparel and accessory stores											
Apparel and accessory stores	56	27.3	26.3	26.9	27.3	-	-	-	-	-	-
Men's and boys' clothing stores	561	29.6	28.9	29.3	29.2	-	-	-	-	-	-
Women's clothing stores	562	24.5	23.8	24.3	24.9	-	-	-	-	-	-
Family clothing stores	565	28.3	27.4	28.2	28.5	-	-	-	-	-	-
Shoe stores	566	28.2	26.8	27.3	28.0	-	-	-	-	-	-
Furniture and home furnishings stores											
Furniture and home furnishings stores	57	33.5	33.2	33.5	33.4	-	-	-	-	-	-
Furniture and home furnishings stores	571	33.6	33.4	33.6	33.4	-	-	-	-	-	-
Household appliance stores	572	34.5	34.5	35.1	34.5	-	-	-	-	-	-
Radio, television, and computer stores	573	33.0	32.6	32.9	33.0	-	-	-	-	-	-
Radio, television, and electronic stores	5731	32.3	32.4	32.9	32.8	-	-	-	-	-	-
Record and prerecorded tape stores	5735	29.8	28.1	28.1	27.9	-	-	-	-	-	-
Eating and drinking places ⁴											
Eating and drinking places ⁴	58	26.4	25.0	26.3	26.3	-	-	-	-	-	-
Miscellaneous retail establishments											
Miscellaneous retail establishments	59	30.3	29.7	30.5	30.5	-	-	-	-	-	-
Drug stores and proprietary stores	591	28.6	27.9	28.8	28.8	-	-	-	-	-	-
Used merchandise stores	593	32.7	31.8	32.3	32.7	-	-	-	-	-	-
Miscellaneous shopping goods stores	594	29.3	28.1	29.6	29.6	-	-	-	-	-	-
Nonstore retailers	596	34.0	34.5	34.3	34.6	-	-	-	-	-	-
Fuel dealers	598	37.3	37.2	37.7	37.4	-	-	-	-	-	-
Retail stores, nec	599	31.2	30.9	31.0	31.3	-	-	-	-	-	-
Optical goods stores	5995	33.6	32.9	33.1	33.3	-	-	-	-	-	-
Miscellaneous retail stores, nec	5999	32.2	31.7	31.9	32.1	-	-	-	-	-	-
Finance, insurance, and real estate⁶											
Finance, insurance, and real estate ⁶											
Depository institutions	60	36.4	35.6	35.7	35.5	35.4	-	-	-	-	-
Depository institutions	60	36.1	35.0	35.3	35.0	-	-	-	-	-	-
Commercial banks	602	36.0	34.8	35.2	34.8	-	-	-	-	-	-
State commercial banks	6022	36.5	35.4	35.7	35.3	-	-	-	-	-	-
National and commercial banks, nec	6021,9	35.7	34.4	34.8	34.5	-	-	-	-	-	-
Credit unions	606	36.1	35.6	35.8	35.9	-	-	-	-	-	-
Nondepository institutions											
Nondepository institutions	61	38.4	37.7	37.2	37.1	-	-	-	-	-	-
Personal credit institutions	614	38.4	37.8	37.8	37.9	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services	628	35.9	35.8	36.6	37.6	-	-	-	-	-	-
Insurance carriers											
Insurance carriers	63	38.2	37.6	37.6	37.5	-	-	-	-	-	-
Life insurance	631	37.8	37.2	37.4	37.2	-	-	-	-	-	-
Medical service and health insurance	632	38.6	38.1	37.5	37.5	-	-	-	-	-	-
Hospital and medical service plans	6324	38.4	37.9	37.2	37.2	-	-	-	-	-	-
Fire, marine, and casualty insurance	633	37.8	37.3	37.9	37.8	-	-	-	-	-	-
Services											
Services											
Agricultural services	07	33.1	32.3	32.8	32.7	32.4	-	-	-	-	-
Veterinary services	074	34.8	34.1	35.5	34.8	-	-	-	-	-	-
Landscape and horticultural services	078	29.8	28.4	29.8	29.5	-	-	-	-	-	-
Landscape and horticultural services	078	36.9	36.5	37.8	36.9	-	-	-	-	-	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Retail trade—Continued											
General merchandise stores—Continued											
Variety stores	533	\$6.50	\$6.64	\$7.15	\$7.10	-	\$185.25	\$185.26	\$204.49	\$202.35	-
Misc. general merchandise stores	539	7.99	8.08	8.08	8.06	-	241.30	237.55	248.86	246.64	-
Food stores											
Grocery stores	54	7.72	7.83	7.87	7.87	-	235.46	234.12	242.40	240.04	-
Retail bakeries	541	7.81	7.92	7.97	7.97	-	238.99	238.39	246.27	244.68	-
.....	546	6.81	6.91	7.01	7.04	-	200.90	197.63	203.29	205.57	-
Automotive dealers and service stations											
New and used car dealers	55	9.76	9.77	10.17	10.07	-	357.22	350.74	368.15	363.53	-
Auto and home supply stores	551	12.28	12.24	12.93	12.71	-	462.96	454.10	479.70	471.54	-
Gasoline service stations	553	8.32	8.31	8.43	8.41	-	321.15	315.78	323.71	323.79	-
Automotive dealers, nec	554	6.69	6.72	6.77	6.77	-	228.13	222.43	227.47	225.44	-
.....	559	10.94	10.65	11.10	11.44	-	371.96	356.78	390.72	391.25	-
Apparel and accessory stores											
Men's and boys' clothing stores	56	6.90	7.04	7.11	7.08	-	188.37	185.15	191.26	193.28	-
Women's clothing stores	561	8.22	8.39	8.49	8.38	-	243.31	242.47	248.76	244.70	-
Family clothing stores	562	6.63	6.73	6.74	6.74	-	162.44	160.17	163.78	167.83	-
Shoe stores	565	6.70	6.86	6.95	6.93	-	189.61	187.96	195.99	197.51	-
.....	566	6.98	7.16	7.30	7.34	-	196.84	191.89	199.29	205.52	-
Furniture and home furnishings stores											
Furniture and home furnishings stores	57	9.49	9.53	9.80	9.79	-	317.92	316.40	328.30	326.99	-
Household appliance stores	571	9.32	9.36	9.56	9.61	-	313.15	312.62	321.22	320.97	-
Radio, television, and computer stores	572	9.97	9.91	9.97	9.91	-	343.97	341.90	349.95	341.90	-
Radio, television, and electronic stores	573	9.63	9.71	10.13	10.03	-	317.79	316.55	333.28	330.99	-
Record and prerecorded tape stores	5731	9.65	9.74	10.02	10.07	-	311.70	315.58	329.66	330.30	-
.....	5735	5.88	5.93	5.98	5.97	-	175.22	166.63	168.04	166.56	-
Eating and drinking places ⁴											
Miscellaneous retail establishments	58	5.33	5.36	5.44	5.47	-	140.71	134.00	143.07	143.86	-
Drug stores and proprietary stores	59	7.92	7.95	8.13	8.12	-	239.98	236.12	247.97	247.66	-
Used merchandise stores	591	8.09	8.24	8.38	8.38	-	231.37	229.90	241.34	241.34	-
Miscellaneous shopping goods stores	593	6.67	6.74	6.89	6.80	-	218.11	214.33	222.55	222.36	-
Nonstore retailers	594	7.26	7.20	7.46	7.45	-	212.72	202.32	220.82	220.52	-
Fuel dealers	596	8.70	8.68	9.02	8.90	-	295.80	299.46	309.39	307.94	-
Retail stores, nec	598	10.94	11.09	11.17	11.21	-	408.06	412.55	421.11	419.25	-
Optical goods stores	599	8.22	8.21	8.34	8.40	-	256.46	253.69	258.54	262.92	-
Miscellaneous retail stores, nec	5995	9.94	9.88	10.58	10.60	-	333.98	325.05	350.20	352.98	-
.....	5999	8.58	8.57	8.57	8.64	-	276.28	271.67	273.38	277.34	-
Finance, insurance, and real estate⁵											
Depository institutions	60	9.09	9.10	9.35	9.36	-	328.15	318.50	330.06	327.60	-
Commercial banks	602	8.65	8.66	8.94	8.95	-	311.40	301.37	314.69	311.46	-
State commercial banks	6022	8.52	8.53	8.76	8.81	-	310.98	301.96	312.73	310.99	-
National and commercial banks, nec	6021,9	8.74	8.76	9.07	9.05	-	312.02	301.34	315.64	312.23	-
Credit unions	606	9.08	9.10	9.29	9.25	-	327.79	323.96	332.58	332.08	-
Nondepository institutions											
Personal credit institutions	61	12.70	12.74	12.36	12.25	-	487.68	480.30	459.79	454.48	-
.....	614	10.24	10.04	9.99	10.10	-	393.22	379.51	377.62	382.79	-
Security and commodity brokers:											
Security and commodity services	628	16.14	15.88	15.94	15.88	-	579.43	568.50	583.40	597.09	-
Insurance carriers											
Life insurance	63	13.28	13.23	13.97	14.03	-	507.30	497.45	525.27	526.13	-
Medical service and health insurance	631	12.47	12.38	13.23	13.36	-	471.37	460.54	494.80	496.99	-
Hospital and medical service plans	632	12.75	12.68	13.47	13.53	-	492.15	483.11	505.13	507.38	-
Fire, marine, and casualty insurance	6324	13.03	12.99	13.82	13.88	-	500.35	492.32	514.10	516.34	-
.....	633	14.16	14.20	14.82	14.84	-	535.25	529.66	561.68	560.95	-
Services											
Agricultural services	07	10.66	10.83	10.92	10.92	11.12	352.85	349.81	358.18	357.08	360.29
Veterinary services	074	8.37	8.59	8.39	8.40	-	291.28	292.92	297.85	292.32	-
Landscape and horticultural services	078	8.13	8.26	8.35	8.36	-	242.27	234.58	248.83	246.62	-
.....	078	8.51	8.76	8.44	8.45	-	314.02	319.74	319.03	311.81	-

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				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Services—Continued											
Hotels and other lodging places:											
Hotels and motels ⁴	701	32.6	31.3	31.6	31.9	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services	721	33.9	33.8	33.8	33.9	-	-	-	-	-	-
Beauty shops ⁴	723	28.9	28.3	28.6	28.4	-	-	-	-	-	-
Miscellaneous personal services	729	25.3	24.4	25.4	25.9	-	-	-	-	-	-
Business services	73	33.3	32.4	32.9	33.1	-	-	-	-	-	-
Advertising	731	37.2	36.8	36.8	36.5	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	37.0	37.0	38.0	38.1	-	-	-	-	-	-
Services to buildings	734	29.2	26.6	28.5	28.7	-	-	-	-	-	-
Disinfecting and pest control services	7342	39.1	37.6	37.6	37.7	-	-	-	-	-	-
Building maintenance services, nec	7349	28.3	27.7	27.6	27.9	-	-	-	-	-	-
Miscellaneous equipment rental and leasing	735	40.0	39.4	39.2	39.5	-	-	-	-	-	-
Medical equipment rental	7352	36.1	36.2	37.6	37.3	-	-	-	-	-	-
Heavy construction equipment rental	7353	40.9	40.2	41.0	41.6	-	-	-	-	-	-
Equipment rental and leasing, nec	7359	40.2	39.4	39.1	39.3	-	-	-	-	-	-
Personnel supply services:											
Help supply services	7363	31.5	29.7	31.5	31.9	-	-	-	-	-	-
Computer and data processing services	737	36.4	37.6	37.4	37.3	-	-	-	-	-	-
Computer programming services	7371	38.2	38.3	37.3	37.3	-	-	-	-	-	-
Computer integrated systems design	7373	36.3	37.9	37.5	37.5	-	-	-	-	-	-
Information retrieval services	7375	38.3	39.0	35.7	36.2	-	-	-	-	-	-
Computer maintenance and repair	7378	39.5	39.2	39.7	39.2	-	-	-	-	-	-
Miscellaneous business services	738	33.8	33.2	33.5	33.5	-	-	-	-	-	-
Detective and armored car services	7381	34.1	33.4	34.0	33.9	-	-	-	-	-	-
Security systems services	7382	36.6	36.7	35.9	35.8	-	-	-	-	-	-
Auto repair, services, and parking	75	37.0	36.4	37.0	36.9	-	-	-	-	-	-
Automotive rentals, without drivers	751	38.1	37.3	37.3	37.2	-	-	-	-	-	-
Passenger car rental	7514	37.2	36.2	36.9	36.8	-	-	-	-	-	-
Automobile parking	752	33.8	33.5	34.6	34.2	-	-	-	-	-	-
Automotive repair shops	753	38.5	38.3	38.7	38.8	-	-	-	-	-	-
Automotive and tire repair shops	7532,4	37.1	37.1	37.8	37.7	-	-	-	-	-	-
General automotive repair shops	7538	38.6	38.3	38.1	38.2	-	-	-	-	-	-
Automotive services, except repair	754	32.9	31.1	32.4	32.4	-	-	-	-	-	-
Carwashes	7542	31.4	29.3	30.7	31.0	-	-	-	-	-	-
Miscellaneous repair services	76	38.5	37.9	38.6	38.4	-	-	-	-	-	-
Motion pictures	78	28.9	28.3	30.0	30.0	-	-	-	-	-	-
Motion picture production and services	781	36.0	39.1	38.6	36.6	-	-	-	-	-	-
Video tape rental	784	23.6	23.0	23.1	23.0	-	-	-	-	-	-
Amusement and recreation services	79	29.5	27.1	28.8	28.3	-	-	-	-	-	-
Bowling centers	793	24.8	24.3	24.5	24.6	-	-	-	-	-	-
Misc. amusement and recreation services	799	30.0	27.2	29.3	28.8	-	-	-	-	-	-
Physical fitness facilities	7991	16.7	17.9	18.7	19.2	-	-	-	-	-	-
Membership sports and recreation clubs	7997	30.1	28.8	30.2	29.4	-	-	-	-	-	-
Health services	80	33.0	32.7	32.9	32.8	-	-	-	-	-	-
Offices and clinics of medical doctors	801	32.6	32.2	32.2	32.2	-	-	-	-	-	-
Offices and clinics of dentists	802	28.4	28.0	27.9	28.3	-	-	-	-	-	-
Offices and clinics of other health practitioners	804	30.0	29.7	29.9	29.9	-	-	-	-	-	-
Nursing and personal care facilities	805	32.7	32.4	32.7	32.3	-	-	-	-	-	-
Intermediate care facilities	8052	32.1	31.6	32.3	32.1	-	-	-	-	-	-
Hospitals	806	34.7	34.5	34.8	34.7	-	-	-	-	-	-
Home health care services	808	28.2	27.7	28.1	28.4	-	-	-	-	-	-
Legal services	81	35.4	34.4	34.6	34.5	-	-	-	-	-	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^a	Sept. 1994 ^a
Services—Continued											
Hotels and other lodging places:											
Hotels and motels ⁴	701	\$7.36	\$7.59	\$7.57	\$7.51	-	\$239.94	\$237.57	\$239.21	\$239.57	-
Personal services:											
Laundry, cleaning, and garment services	721	7.22	7.24	7.35	7.35	-	244.76	244.71	248.43	249.17	-
Beauty shops ⁴	723	7.88	7.92	8.17	8.20	-	227.73	224.14	233.66	232.88	-
Miscellaneous personal services	729	7.74	7.84	8.05	8.01	-	195.82	191.30	204.47	207.46	-
Business services	73	10.15	10.20	10.33	10.31	-	338.00	330.48	339.66	341.28	-
Advertising	731	15.30	15.25	15.44	15.63	-	569.16	561.20	568.19	570.50	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	9.63	9.60	10.00	9.89	-	356.31	355.20	380.00	376.81	-
Services to buildings	734	7.47	7.49	7.51	7.44	-	218.12	214.21	214.04	213.53	-
Disinfecting and pest control services	7342	9.91	9.83	9.81	9.73	-	387.48	369.61	368.86	366.82	-
Building maintenance services, nec	7349	7.16	7.20	7.23	7.16	-	202.63	199.44	199.55	199.76	-
Miscellaneous equipment rental and leasing	735	10.69	10.76	10.74	10.89	-	427.60	423.94	421.01	430.16	-
Medical equipment rental	7352	10.82	10.73	10.39	10.30	-	412.24	409.89	390.66	384.19	-
Heavy construction equipment rental	7353	14.34	14.41	14.15	14.44	-	586.51	579.28	580.15	600.70	-
Equipment rental and leasing, nec	7359	9.59	9.71	9.78	9.92	-	385.52	382.57	382.40	389.86	-
Personnel supply services:											
Help supply services	7363	8.23	8.27	8.44	8.43	-	259.25	245.62	265.86	268.92	-
Computer and data processing services	737	16.58	16.54	16.96	16.98	-	636.67	625.21	634.30	633.35	-
Computer programming services	7371	19.03	19.19	19.71	19.91	-	726.95	734.98	735.18	742.84	-
Computer integrated systems design	7373	17.27	17.04	18.17	18.10	-	661.44	645.82	681.38	678.75	-
Information retrieval services	7375	14.65	14.51	14.79	14.66	-	561.10	565.69	528.00	530.69	-
Computer maintenance and repair	7378	13.67	13.61	13.90	13.89	-	539.97	533.51	551.83	544.49	-
Miscellaneous business services	738	8.72	8.78	8.93	8.90	-	294.74	291.50	299.16	298.15	-
Detective and armored car services	7381	6.78	6.87	7.04	7.02	-	231.20	229.46	239.36	237.98	-
Security systems services	7382	11.00	10.97	11.04	10.96	-	402.60	402.60	396.34	392.37	-
Auto repair, services, and parking	75	9.29	9.38	9.55	9.59	-	343.73	341.43	353.35	353.87	-
Automotive rentals, without drivers	751	9.23	9.37	9.34	9.32	-	351.66	349.50	346.38	346.70	-
Passenger car rental	7514	8.36	8.52	8.44	8.48	-	310.99	308.42	311.44	310.37	-
Automobile parking	752	6.93	6.95	7.04	6.94	-	234.23	232.83	243.58	237.35	-
Automotive repair shops	753	10.27	10.34	10.61	10.68	-	395.40	396.02	410.61	412.25	-
Automotive and tire repair shops	7532,4	10.79	10.80	11.15	11.22	-	400.31	400.68	421.47	422.99	-
General automotive repair shops	7538	10.26	10.38	10.66	10.70	-	396.04	397.55	406.15	408.74	-
Automotive services, except repair	754	6.87	6.91	7.05	7.08	-	226.02	214.90	228.42	229.39	-
Carwashes	7542	5.99	6.06	6.20	6.18	-	188.09	177.56	190.34	191.58	-
Miscellaneous repair services	76	11.11	11.09	11.26	11.31	-	427.74	420.31	434.64	434.30	-
Motion pictures	78	11.71	12.43	12.61	13.23	-	338.42	351.77	378.30	396.90	-
Motion picture production and services	781	18.28	18.50	18.71	19.21	-	694.64	723.35	722.21	741.51	-
Video tape rental	784	5.57	5.64	5.66	5.71	-	132.57	129.72	130.75	131.33	-
Amusement and recreation services	79	7.69	8.31	7.89	7.93	-	226.86	225.20	227.23	224.42	-
Bowling centers	793	6.68	6.55	6.87	6.81	-	165.66	159.17	168.32	167.53	-
Misc. amusement and recreation services	799	7.11	7.72	7.34	7.37	-	213.30	209.98	215.06	212.26	-
Physical fitness facilities	7991	7.85	7.89	7.91	7.78	-	146.80	141.23	147.92	149.38	-
Membership sports and recreation clubs	7997	7.56	7.92	7.72	7.72	-	227.56	228.10	233.14	226.97	-
Health services	80	11.76	11.88	12.12	12.10	-	388.06	388.48	398.75	396.88	-
Offices and clinics of medical doctors	801	11.89	11.98	12.25	12.24	-	387.61	385.76	394.45	394.13	-
Offices and clinics of dentists	802	11.46	11.52	11.96	11.95	-	325.46	322.56	333.68	338.19	-
Offices and clinics of other health practitioners	804	10.38	10.43	10.70	10.69	-	311.40	309.77	319.93	319.63	-
Nursing and personal care facilities	805	8.15	8.26	8.48	8.46	-	266.51	267.62	277.30	273.26	-
Intermediate care facilities	8052	7.59	7.73	7.81	7.76	-	243.64	244.27	252.26	249.10	-
Hospitals	806	13.43	13.59	13.87	13.84	-	466.02	468.86	482.68	480.25	-
Home health care services	808	10.40	10.54	10.71	10.65	-	293.28	291.96	300.95	302.46	-
Legal services	81	15.28	15.20	15.61	15.56	-	540.91	522.88	540.11	536.82	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Services—Continued											
Social services	83	31.4	31.1	31.2	31.0	-	-	-	-	-	-
Individual and family services	832	32.1	32.1	31.7	31.6	-	-	-	-	-	-
Job training and related services	833	30.0	30.5	30.4	30.4	-	-	-	-	-	-
Child day care services	835	30.3	29.2	29.6	29.8	-	-	-	-	-	-
Residential care	836	32.3	32.0	32.4	32.0	-	-	-	-	-	-
Social services, nec	839	30.9	31.1	30.8	30.5	-	-	-	-	-	-
Membership organizations:											
Professional organizations	862	35.7	34.8	34.9	35.2	-	-	-	-	-	-
Engineering and management services	87	37.4	36.9	37.0	37.0	-	-	-	-	-	-
Engineering and architectural services	871	39.4	38.9	39.0	39.0	-	-	-	-	-	-
Engineering services	8711	39.6	39.0	39.1	39.1	-	-	-	-	-	-
Architectural services	8712	38.4	38.0	38.7	38.4	-	-	-	-	-	-
Surveying services	8713	39.1	38.8	38.7	38.9	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	872	36.3	35.8	36.3	36.3	-	-	-	-	-	-
Research and testing services	873	37.1	36.5	36.3	36.5	-	-	-	-	-	-
Commercial physical research	8731	39.5	39.2	38.8	38.9	-	-	-	-	-	-
Commercial nonphysical research	8732	30.6	29.4	28.8	29.3	-	-	-	-	-	-
Noncommercial research organizations	8733	36.6	36.2	36.7	36.6	-	-	-	-	-	-
Management and public relations	874	36.0	35.5	35.7	35.6	-	-	-	-	-	-
Management services	8741	34.6	34.5	34.6	34.5	-	-	-	-	-	-
Management consulting services	8742	37.1	36.2	35.6	35.7	-	-	-	-	-	-
Public relations services	8743	34.2	33.3	31.5	32.1	-	-	-	-	-	-
Services, nec	89	37.2	35.9	39.1	39.1	-	-	-	-	-	-

See footnotes at end of table.

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

B-15. Average hours and earnings of production or nonsupervisory workers¹ on private nonfarm payrolls by detailed industry—Continued

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^p	Sept. 1994 ^p	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^p	Sept. 1994 ^p
Services—Continued											
Social services	83	\$7.83	\$7.93	\$8.06	\$8.05	-	\$245.86	\$246.62	\$251.47	\$249.55	-
Individual and family services	832	8.38	8.48	8.60	8.53	-	269.00	272.21	272.62	269.55	-
Job training and related services	833	7.60	7.79	7.82	7.90	-	228.00	237.60	237.73	240.16	-
Child day care services	835	6.52	6.71	6.68	6.65	-	197.56	195.93	197.73	198.17	-
Residential care	836	8.05	8.10	8.32	8.32	-	260.02	259.20	269.57	266.24	-
Social services, nec	839	8.84	9.01	9.30	9.35	-	273.16	280.21	286.44	285.18	-
Membership organizations:											
Professional organizations	862	15.13	15.14	15.54	15.49	-	540.14	526.87	542.35	545.25	-
Engineering and management services											
Engineering and architectural services	87	15.10	15.12	15.28	15.25	-	564.74	557.93	565.36	564.25	-
Engineering services	871	16.19	16.29	16.41	16.43	-	637.89	633.68	639.99	640.77	-
Architectural services	8711	16.81	16.90	17.12	17.13	-	665.68	659.10	669.39	669.78	-
Architectural services	8712	14.88	14.99	14.83	14.82	-	571.39	569.62	573.92	569.09	-
Surveying services	8713	11.43	11.57	11.63	11.76	-	446.91	448.92	450.08	457.46	-
Accounting, auditing, and bookkeeping	872	13.34	13.12	13.39	13.41	-	484.24	469.70	486.06	486.78	-
Research and testing services	873	16.04	16.20	16.31	16.18	-	595.08	591.30	592.05	590.57	-
Commercial physical research	8731	18.03	18.22	18.49	18.30	-	712.19	714.22	717.41	711.87	-
Commercial nonphysical research	8732	12.57	12.74	11.92	11.94	-	384.84	374.56	343.30	349.84	-
Noncommercial research organizations	8733	17.50	17.62	17.85	17.79	-	640.50	637.84	655.10	651.11	-
Management and public relations	874	14.03	14.03	14.21	14.15	-	505.08	498.07	507.30	503.74	-
Management services	8741	12.72	12.66	13.03	13.00	-	440.11	436.77	450.84	448.50	-
Management consulting services	8742	16.44	16.52	16.43	16.33	-	609.92	598.02	584.91	582.98	-
Public relations services	8743	13.89	13.84	13.47	13.22	-	475.04	460.87	424.31	424.36	-
Services, nec	89	15.72	15.79	14.57	14.33	-	584.78	566.86	569.69	560.30	-

¹ 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.

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

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

⁴ Money payments only; tips, not included.

⁵ Excludes nonoffice commissioned real estate sales agents.

- Data not available.

^p = 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)			
	July 1993	Aug. 1993	July 1994	Aug. 1994 ^P	July 1993	Aug. 1993	July 1994	Aug. 1994 ^P
Average hourly earnings, excluding lump-sum payments	\$18.38	\$18.42	\$19.38	\$19.83	\$17.40	\$17.43	\$18.41	\$18.45
Average hourly earnings, including lump-sum payments	19.02	19.16	19.50	19.90	17.42	17.46	18.45	18.50

^P = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

B-16. Average hourly earnings, excluding overtime,¹ of production workers on manufacturing payrolls

Industry	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^p	Sept. 1994 ^p
Manufacturing	\$11.13	\$11.24	\$11.42	\$11.35	\$11.44
Durable goods	11.69	11.81	11.95	11.91	12.01
Lumber and wood products	9.18	9.23	9.33	9.33	(f)
Furniture and fixtures	8.95	9.01	9.15	9.15	(f)
Stone, clay, and glass products	11.13	11.28	11.37	11.35	(f)
Primary metal industries	13.14	13.30	13.40	13.29	(f)
Fabricated metal products	11.09	11.21	11.23	11.21	(f)
Industrial machinery and equipment	12.08	12.15	12.20	12.15	(f)
Electronic and other electrical equipment	10.77	10.80	11.02	10.97	(f)
Transportation equipment	14.85	15.09	15.54	15.38	(f)
Instruments and related products	11.84	11.91	12.00	11.99	(f)
Miscellaneous manufacturing	8.99	9.07	9.28	9.24	(f)
Nondurable goods	10.42	10.52	10.72	10.61	\$10.69
Food and kindred products	9.81	9.86	10.04	9.94	(f)
Tobacco products	16.80	15.70	19.49	17.39	(f)
Textile mill products	8.44	8.47	8.65	8.63	(f)
Apparel and other textile products	6.89	6.97	7.12	7.15	(f)
Paper and allied products	12.61	12.77	12.97	12.92	(f)
Printing and publishing	11.49	11.55	11.63	11.60	(f)
Chemicals and allied products	13.97	14.12	14.37	14.33	(f)
Petroleum and coal products	17.19	17.44	17.73	17.55	(f)
Rubber and misc. plastics products	10.00	10.10	10.18	10.04	(f)
Leather and leather products	7.39	7.45	7.73	7.69	(f)

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

² Not available.

^p = 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 workers¹ on private nonfarm payrolls by major industry, in current and constant (1982) dollars

Industry	Average hourly earnings					Average weekly earnings				
	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P	Aug. 1993	Sept. 1993	July 1994	Aug. 1994 ^P	Sept. 1994 ^P
Total private:										
Current dollars	\$10.78	\$10.91	\$11.04	\$11.04	\$11.20	\$378.38	\$376.40	\$385.30	\$386.40	\$389.76
Constant (1982) dollars	7.33	7.41	7.34	7.30	(¹)	257.40	255.71	256.01	255.56	(¹)
Mining:										
Current dollars	14.44	14.54	14.73	14.71	\$14.86	648.36	647.03	661.38	663.42	\$674.64
Constant (1982) dollars	9.82	9.88	9.79	9.73	(¹)	441.06	439.56	439.46	438.77	(¹)
Construction:										
Current dollars	14.45	14.52	14.72	14.77	\$14.93	572.22	556.12	584.38	587.85	\$597.20
Constant (1982) dollars	9.83	9.86	9.78	9.77	(¹)	389.27	377.80	388.29	388.79	(¹)
Manufacturing:										
Current dollars	11.70	11.85	12.04	12.00	\$12.13	485.55	491.78	500.86	504.00	\$513.10
Constant (1982) dollars	7.96	8.05	8.00	7.94	(¹)	330.31	334.09	332.80	333.33	(¹)
Transportation and public utilities:										
Current dollars	13.62	13.67	13.84	13.87	\$13.91	548.89	544.07	557.75	560.35	\$560.57
Constant (1982) dollars	9.27	9.29	9.20	9.17	(¹)	373.39	369.61	370.60	370.60	(¹)
Wholesale trade:										
Current dollars	11.75	11.80	12.00	11.96	\$12.05	451.20	449.58	460.80	458.07	\$462.72
Constant (1982) dollars	7.99	8.02	7.97	7.91	(¹)	306.94	305.42	306.18	302.96	(¹)
Retail trade:										
Current dollars	7.24	7.32	7.44	7.43	\$7.54	215.03	210.82	220.97	220.67	\$218.86
Constant (1982) dollars	4.93	4.97	4.94	4.91	(¹)	146.28	143.22	146.82	145.95	(¹)
Finance, insurance, and real estate:										
Current dollars	11.39	11.41	11.72	11.73	\$11.83	414.60	406.20	418.40	416.42	\$418.78
Constant (1982) dollars	7.75	7.75	7.79	7.76	(¹)	282.04	275.95	278.01	275.41	(¹)
Services:										
Current dollars	10.66	10.83	10.92	10.92	\$11.12	352.85	349.81	358.18	357.08	\$360.29
Constant (1982) dollars	7.25	7.36	7.26	7.22	(¹)	240.03	237.64	237.99	236.16	(¹)

¹ 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.

² Not available.

^P = preliminary.

NOTE: The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) is used to deflate the earnings series. Establishment survey estimates are currently projected from March 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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Alabama	41.4	41.5	41.3	\$10.32	\$10.69	\$10.65	\$427.25	\$443.64	\$439.85
Birmingham	42.1	41.7	41.2	11.15	11.64	11.66	469.42	485.39	480.39
Mobile	42.7	42.3	42.7	12.60	13.15	13.12	538.02	556.25	560.22
Alaska	51.2	59.2	53.2	10.78	10.32	10.42	551.94	610.84	554.34
Arizona	40.8	41.7	41.8	11.03	10.93	10.82	450.02	455.78	450.11
Arkansas	41.7	42.3	42.5	9.32	9.75	9.71	388.64	412.43	412.88
Fayetteville-Springdale-Rogers	42.5	42.3	42.9	9.14	9.50	9.51	388.45	401.85	407.98
Fort Smith	41.0	41.5	42.9	9.48	9.70	9.65	388.68	402.55	413.99
Little Rock-North Little Rock	42.6	42.3	42.1	10.08	10.51	10.45	429.41	444.57	439.95
Pine Bluff	41.9	42.4	42.5	10.71	11.13	11.34	448.75	471.91	481.95
California	41.2	41.3	41.5	12.40	12.57	12.51	510.88	519.14	519.17
Bakersfield	41.4	40.0	38.0	12.54	12.54	12.46	519.16	501.60	473.48
Fresno	41.5	41.9	42.0	10.57	10.64	10.87	438.66	454.20	456.54
Los Angeles-Long Beach	41.8	41.8	41.8	11.81	11.74	12.65	485.30	490.73	528.77
Modesto	43.0	42.4	43.2	11.87	12.15	12.03	510.41	515.18	519.70
Oakland	41.8	42.2	47.3	14.64	15.57	15.30	611.95	657.05	723.69
Orange County	40.8	40.7	40.8	12.21	12.36	12.39	495.73	503.05	505.51
Riverside-San Bernardino	41.4	41.8	41.8	11.27	11.48	11.33	466.58	477.57	471.33
Sacramento	41.5	41.3	41.8	13.00	13.34	13.29	539.50	550.94	555.52
Salinas	39.7	40.8	41.2	12.64	12.76	12.88	501.81	520.81	530.66
San Diego	39.8	40.2	40.4	12.44	12.52	12.51	495.11	503.30	505.40
San Francisco	40.2	40.2	40.9	13.68	13.87	13.70	549.94	557.57	560.33
San Jose	41.7	41.0	41.1	14.87	15.31	15.31	620.08	627.71	629.24
Santa Barbara-Santa Maria-Lompoc	39.2	41.8	41.5	12.80	12.55	12.53	501.76	524.59	520.00
Santa Rosa	39.6	39.7	39.3	13.26	13.81	13.87	525.10	548.26	545.09
Stockton-Lodi	44.4	41.8	44.8	12.10	12.09	12.02	537.24	502.94	538.50
Vallejo-Fairfield-Napa	39.9	39.7	40.2	14.42	14.88	14.92	575.36	590.74	599.78
Ventura	40.9	41.2	40.0	11.63	11.83	11.88	475.67	487.40	475.20
Colorado	41.4	41.0	41.1	12.15	12.38	12.28	503.01	507.58	504.71
Denver	41.6	40.9	40.9	13.00	12.59	12.62	540.80	514.93	516.16
Connecticut	42.1	42.5	42.7	12.97	13.66	13.57	548.04	560.55	570.44
Bridgeport	40.8	42.0	42.9	13.57	14.11	13.84	553.66	592.62	593.74
Danbury	42.6	43.8	42.8	12.79	13.01	13.10	544.85	569.84	560.68
Hartford	42.4	43.2	43.1	13.80	14.14	14.00	585.12	610.85	603.40
New Haven-Meriden	41.2	42.6	42.5	12.83	12.88	12.75	528.60	551.26	541.88
Stamford-Norwalk	43.0	41.5	41.8	12.79	13.19	13.27	549.97	547.39	552.03
Waterbury	43.5	43.1	44.8	11.67	12.41	12.15	507.85	534.87	544.32
Delaware	43.1	42.5	43.1	13.30	13.53	13.46	573.23	575.03	580.13
Wilmington-Newark	44.2	43.7	44.4	15.66	15.85	16.26	692.17	692.65	721.94
District of Columbia:									
Washington PMSA	39.8	40.9	39.7	13.18	13.34	13.62	524.56	545.61	548.85
Florida	40.9	40.9	41.4	9.75	10.02	9.94	398.78	409.62	411.52
Georgia	42.1	42.3	42.5	10.11	10.31	10.29	425.63	436.11	437.33
Atlanta	42.1	42.1	41.9	11.12	11.46	11.34	468.15	482.47	475.15
Savannah	44.2	49.4	46.7	13.10	13.55	13.44	578.02	669.37	627.65
Hawaii	40.4	36.3	37.4	11.96	12.11	12.24	483.18	463.81	457.78
Honolulu	38.4	37.9	37.3	12.48	12.70	12.84	479.23	481.33	478.93
Idaho	41.2	39.8	39.9	11.62	11.70	11.62	486.98	485.66	463.64
Illinois	41.5	41.8	42.0	12.04	12.27	12.29	499.66	512.69	516.18
Bloomington-Normal	43.2	43.1	43.4	16.00	16.83	17.22	691.20	716.75	747.35
Champaign-Urbana	42.5	40.6	40.4	10.52	10.62	10.82	447.10	431.17	437.13
Chicago	41.6	41.8	41.9	12.12	12.24	12.26	504.19	511.63	513.69
Davenport-Moline-Rock Island	40.8	41.3	41.1	13.85	13.99	13.95	585.08	577.79	573.35
Decatur	42.8	42.6	42.5	15.22	14.43	14.42	651.42	614.72	612.85
Kankakee	41.4	41.7	41.9	12.78	13.17	13.29	529.09	549.19	556.85
Peoria-Pekin	42.6	41.1	41.2	14.93	14.86	14.91	636.02	610.75	614.29
Rockford	41.5	42.5	43.0	12.78	13.78	13.66	529.54	585.65	587.38
Springfield	39.8	40.1	39.8	11.72	11.80	11.78	466.46	473.18	468.84
Indiana	42.5	42.2	42.7	13.12	13.62	13.54	557.60	574.76	578.16
Bloomington	45.1	41.4	21.6	12.08	12.43	11.08	544.81	514.60	239.33
Elkhart-Goshen	39.7	40.3	40.2	11.14	11.11	11.13	442.26	447.73	447.43
Evansville-Henderson	42.8	51.2	51.0	13.13	11.75	11.85	561.96	601.80	804.35
Fort Wayne	42.0	41.6	43.0	12.85	13.96	13.69	539.70	580.74	597.27

See footnotes at end of table.

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

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

State and area	Average weekly hours			Average hourly earnings			Average weekly earnings		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Indiana—Continued									
Gary	43.7	44.0	41.8	\$17.32	\$17.70	\$17.34	\$756.88	\$778.80	\$724.81
Indianapolis	42.1	43.2	43.6	14.41	14.75	14.76	606.66	637.20	643.54
Kokomo	44.8	41.6	44.5	18.42	18.56	18.14	821.53	772.10	807.23
Lafayette	42.3	44.3	42.7	14.30	14.42	14.25	604.89	638.81	608.48
Muncie	44.5	48.3	46.2	14.30	15.40	10.27	636.35	713.02	474.47
South Bend	40.9	42.4	43.0	11.94	12.34	12.17	488.35	523.22	523.31
Terre Haute	47.1	43.0	43.5	13.15	13.26	13.20	619.37	570.18	574.20
Iowa									
Cedar Rapids	40.9	42.4	42.9	14.71	15.16	15.44	601.64	642.78	662.38
Des Moines	41.5	40.0	43.3	13.27	12.79	12.67	550.71	511.60	548.61
Dubuque	41.4	42.1	42.3	12.43	13.25	13.13	514.60	557.83	555.40
Sioux City	39.1	42.3	41.9	9.70	10.36	10.22	379.27	436.23	428.22
Kansas									
Topeka	41.8	41.4	41.3	11.94	12.00	12.01	499.09	496.60	496.01
Wichita	43.8	41.2	44.6	14.04	14.66	14.88	614.95	604.82	663.65
Wichita	41.3	40.7	41.3	14.17	14.03	14.28	585.22	571.02	589.76
Kentucky									
Lexington	40.6	41.3	41.3	11.48	12.07	12.03	466.09	498.49	496.84
Lexington	40.9	41.8	42.6	12.12	13.13	12.62	495.71	548.83	548.70
Louisville	41.7	41.5	42.0	13.17	13.78	13.65	549.19	571.87	581.70
Louisiana									
Baton Rouge	42.3	42.9	43.0	12.63	13.07	12.93	534.25	560.70	555.99
Baton Rouge	43.3	44.1	42.7	14.96	15.49	15.66	647.77	683.11	668.66
New Orleans	41.0	43.3	44.0	12.99	13.57	13.43	532.59	587.58	590.92
Shreveport-Bossier City	41.8	43.2	42.4	13.47	13.46	13.14	563.05	581.47	557.14
Maine									
Lewiston-Auburn	41.2	39.4	40.3	11.50	12.16	11.68	473.80	479.10	470.70
Lewiston-Auburn	41.4	38.0	41.3	9.69	10.44	9.47	401.17	396.72	391.11
Portland	39.6	39.2	39.3	10.48	10.61	10.75	415.01	415.91	422.47
Maryland									
Baltimore PMSA	41.2	41.6	41.7	12.72	13.02	13.20	524.06	541.63	550.44
Baltimore PMSA	41.4	42.0	42.5	13.41	13.70	13.82	555.17	575.40	587.35
Massachusetts									
Boston	41.3	41.5	41.8	12.34	12.64	12.58	509.64	524.56	523.33
Boston	40.9	40.8	40.9	13.11	13.29	13.31	536.20	542.23	544.38
Springfield	42.3	42.5	42.9	12.66	12.82	12.57	535.52	536.35	539.25
Worcester	40.7	41.1	41.2	11.42	11.70	11.70	464.79	480.87	482.04
Michigan									
Ann Arbor	42.9	42.9	44.6	15.10	16.04	16.08	647.79	688.12	717.17
Ann Arbor	44.5	42.6	45.6	16.24	16.64	17.05	722.68	717.38	777.48
Detroit	43.6	44.3	48.8	16.36	17.46	17.23	713.30	773.48	806.36
Flint	43.2	47.7	48.3	19.93	22.18	22.19	860.98	1057.99	1071.78
Grand Rapids-Muskegon-Holland	42.7	41.9	42.3	12.60	12.69	12.99	538.02	531.71	549.48
Jackson	42.9	43.4	44.1	10.83	11.32	11.52	464.61	491.29	508.03
Kalamazoo-Battle Creek	43.6	42.9	44.1	14.57	14.69	14.87	635.25	630.20	655.77
Lansing-East Lansing	41.7	41.3	44.4	15.81	17.24	17.39	659.28	712.01	772.12
Saginaw-Bay City-Midland	42.8	42.4	45.7	17.17	17.02	17.42	734.88	721.65	796.09
Minnesota									
Duluth-Superior	41.0	40.9	41.2	12.12	12.51	12.38	496.92	511.66	510.06
Duluth-Superior	38.7	41.3	41.0	11.34	11.89	11.68	438.86	491.06	478.88
Minneapolis-St. Paul	41.3	41.2	41.8	12.97	13.19	13.21	535.66	543.43	552.18
St. Cloud	40.0	40.2	40.4	10.91	11.46	11.53	436.40	480.69	465.81
Mississippi									
Jackson	40.9	41.4	41.4	9.14	9.38	9.36	373.83	388.33	387.50
Jackson	40.8	41.4	40.5	9.72	10.06	9.97	396.58	417.31	403.79
Missouri									
Kansas City	40.9	41.9	42.3	11.54	11.61	11.54	471.99	486.46	488.14
Kansas City	40.9	42.0	43.2	13.09	13.49	13.54	535.38	566.58	584.93
St. Louis	42.3	42.6	41.9	13.76	13.55	13.62	582.05	577.23	570.66
Springfield	42.1	41.0	41.8	9.93	10.10	10.05	418.05	414.10	420.09
Montana									
.....	37.7	39.2	40.0	12.41	12.49	12.46	467.86	489.61	498.40
Nebraska									
Lincoln	42.7	42.5	42.9	10.58	11.13	11.00	450.91	473.03	471.90
Lincoln	43.2	42.6	43.4	12.22	12.95	12.59	527.90	551.67	548.41
Omaha	41.9	41.1	42.2	10.98	11.91	11.65	480.06	489.50	500.07
Nevada									
Las Vegas	41.4	40.7	40.4	11.51	11.88	11.78	476.51	483.52	475.10
Las Vegas	40.6	39.1	39.8	12.75	13.08	13.33	517.65	511.43	530.53

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
New Hampshire	42.0	41.0	42.7	\$11.70	\$11.55	\$11.80	\$491.40	\$473.55	\$503.86
Manchester	41.5	43.3	42.7	11.84	11.60	11.65	483.06	502.28	497.46
Nashua	40.9	41.2	42.0	14.60	13.82	14.02	597.14	569.38	588.84
Portsmouth-Rochester	42.2	35.2	42.1	11.05	11.29	11.10	466.31	397.41	467.31
New Jersey	41.5	41.7	42.1	12.94	13.38	13.27	537.01	557.95	558.67
New Mexico	41.8	41.0	41.2	9.83	10.16	9.91	410.89	416.56	408.29
Albuquerque	40.7	40.6	40.1	10.32	10.56	10.66	420.02	426.74	428.27
New York	40.1	40.4	40.7	11.95	12.18	12.17	479.20	492.07	495.32
Albany-Schenectady-Troy	40.6	41.1	41.0	13.46	13.75	13.89	546.48	565.13	569.49
Binghamton	41.0	42.1	41.7	9.80	10.20	10.28	401.80	429.42	427.84
Buffalo-Niagara Falls	43.5	42.2	43.3	14.95	14.95	15.45	650.33	630.89	668.99
Dutchess County	40.9	37.9	41.1	11.14	10.65	10.43	455.63	403.84	428.67
Elmira	42.0	43.3	44.3	11.12	11.25	11.44	487.04	487.13	506.79
Nassau-Suffolk	39.0	39.9	40.0	11.30	11.36	11.33	440.70	453.28	453.20
New York PMSA	39.9	37.8	38.2	10.72	10.97	10.96	406.29	414.87	418.67
New York City	37.5	37.3	37.9	10.41	10.68	10.70	390.38	398.36	405.53
Newburgh	40.8	40.5	40.9	10.36	10.84	10.77	422.89	439.02	440.49
Rochester	40.6	42.5	42.4	13.83	14.00	13.90	561.50	595.00	589.36
Rockland County	43.0	42.4	42.5	14.05	13.85	13.92	604.15	587.24	591.60
Syracuse	41.7	42.6	42.7	13.25	12.91	13.00	552.53	549.97	555.10
Utica-Rome	41.7	41.4	40.7	10.95	11.21	11.01	456.62	464.09	448.11
Westchester County	40.2	41.5	40.6	12.20	12.28	12.06	490.44	506.79	489.84
North Carolina	41.0	41.1	41.4	9.81	10.20	10.17	402.21	419.22	421.04
Asheville	40.1	41.8	41.6	9.82	9.99	10.03	393.78	417.58	417.25
Charlotte-Gastonia-Rock Hill	41.4	40.9	41.6	10.48	10.78	10.75	433.87	440.90	447.20
Greensboro-Winston-Salem-High Point	40.5	40.4	41.3	10.41	10.79	10.73	421.61	435.92	443.15
Raleigh-Durham-Chapel Hill	41.6	41.5	41.0	10.44	10.99	10.94	434.30	456.09	448.54
North Dakota	42.3	43.2	43.3	9.95	10.27	10.23	420.89	443.66	442.96
Fargo-Moorhead	43.0	42.0	42.6	9.32	10.16	9.65	400.76	426.72	413.02
Ohio	42.7	43.0	43.8	13.98	14.19	14.35	596.95	610.17	625.66
Akron	42.9	43.4	44.0	12.75	12.46	12.53	546.96	540.76	551.32
Canton-Massillon	40.3	41.7	40.9	12.48	12.50	12.37	502.94	521.25	505.93
Cincinnati	42.3	43.4	43.9	12.93	13.06	13.28	546.94	566.80	582.99
Cleveland-Lorain-Elyria	42.8	42.9	43.7	13.82	14.05	14.07	588.73	602.75	614.66
Columbus	42.1	41.8	41.7	13.02	13.34	13.33	548.14	557.61	555.86
Dayton-Springfield	43.6	44.7	48.0	15.28	15.48	15.67	665.34	691.06	720.82
Toledo	43.9	43.7	44.5	15.43	15.58	15.64	677.38	690.85	695.98
Youngstown-Warren	42.5	43.3	44.7	15.75	16.61	16.94	669.38	719.21	757.22
Oklahoma	41.5	41.5	43.1	11.16	11.36	11.38	463.14	471.44	490.48
Oklahoma City	42.3	41.5	42.7	11.93	12.52	12.85	504.64	519.58	552.97
Tulsa	40.5	41.6	41.6	12.17	12.29	11.74	492.89	511.28	488.38
Oregon	40.0	40.1	40.5	12.19	12.26	12.14	487.60	491.83	491.67
Eugene-Springfield	40.1	38.6	39.2	12.42	12.43	12.61	496.04	482.28	502.15
Medford-Ashland	42.4	40.4	41.2	11.83	11.91	12.02	501.59	481.16	495.22
Portland-Vancouver	40.2	40.0	40.8	12.55	12.67	12.72	504.51	514.80	518.98
Salem	38.0	40.2	39.7	9.95	9.84	9.46	358.20	395.57	375.58
Pennsylvania	41.3	41.8	42.1	12.10	12.47	12.48	499.73	518.75	525.41
Allentown-Bethlehem-Easton	40.4	40.4	40.4	11.44	12.10	11.89	462.18	468.64	480.38
Allentown	41.1	41.0	41.5	10.00	10.39	10.57	411.00	425.99	436.66
Erie	43.1	43.4	45.7	12.87	13.05	13.29	554.70	586.37	607.35
Harrisburg-Lebanon-Carlisle	40.3	40.0	40.4	11.48	11.89	11.86	482.84	475.60	479.95
Johnstown	39.8	40.5	40.1	9.19	9.23	9.11	383.92	373.82	365.31
Lancaster	41.5	40.7	40.5	11.95	12.37	12.40	495.93	503.48	502.20
Philadelphia PMSA	40.7	41.4	42.0	13.39	13.71	13.71	544.97	587.59	575.82
Pittsburgh	42.3	42.1	42.7	13.23	13.37	13.43	559.83	562.66	573.46
Reading	41.5	42.1	43.0	12.56	13.06	13.19	521.24	549.83	587.17
Scranton-Wilkes-Barre-Hazleton	39.8	40.8	40.7	10.60	10.90	10.92	421.88	444.72	444.44
Sharon	44.0	44.0	45.9	12.09	12.45	12.43	531.96	547.80	570.54
State College	40.5	40.8	39.3	10.52	10.45	10.84	426.06	426.36	428.01
Williamsport	42.4	41.9	42.9	10.28	10.96	11.18	436.87	459.22	478.76
York	42.8	43.8	43.1	12.31	12.83	12.52	524.41	550.87	539.61

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Rhode Island	38.7	41.1	39.1	\$10.40	\$10.38	\$10.54	\$402.48	\$426.62	\$412.11
Providence-Fall River-Warwick	38.9	40.0	38.8	10.27	10.51	10.68	399.50	420.40	414.38
South Carolina	41.6	41.3	41.6	9.84	10.02	10.05	409.34	413.83	418.08
South Dakota	40.6	41.7	40.8	8.81	9.23	9.15	357.69	384.89	373.32
Rapid City	40.9	40.4	39.8	9.08	9.53	9.85	370.55	385.01	394.02
Sioux Falls	39.7	42.2	43.0	9.05	9.97	9.68	359.29	420.73	418.24
Tennessee	40.9	40.1	40.0	10.31	10.45	10.47	421.68	419.05	418.80
Chattanooga	40.5	41.8	41.7	9.74	10.02	9.92	394.47	418.84	413.66
Johnson City-Kingsport-Bristol	39.2	37.2	37.4	10.42	9.92	9.89	408.46	389.02	389.89
Knoxville	39.9	39.2	38.9	10.06	10.36	10.29	401.39	406.11	400.28
Memphis	41.2	41.5	41.4	10.47	11.03	11.02	431.36	457.75	456.23
Nashville	41.0	40.0	39.8	11.47	11.25	11.31	470.27	450.00	447.88
Texas	42.8	43.0	43.2	10.99	11.13	11.11	470.37	478.59	479.95
Dallas	43.1	42.8	43.3	10.77	11.05	10.89	464.19	470.73	471.54
Ft. Worth-Arlington	42.5	42.7	43.2	12.40	12.54	12.66	527.00	535.46	546.91
Houston	44.5	44.6	44.2	13.51	13.63	13.56	601.20	607.90	599.35
San Antonio	42.1	42.5	42.8	8.54	9.02	9.01	359.53	383.35	385.83
Utah	40.0	40.3	41.0	11.18	11.30	11.39	447.20	455.39	466.99
Salt Lake City-Ogden	40.7	41.2	42.5	11.39	11.47	11.63	463.57	472.56	494.28
Vermont	41.4	40.2	41.8	11.63	11.44	11.63	481.48	459.89	486.13
Burlington	41.3	41.4	40.0	11.22	11.38	11.37	463.39	471.13	454.80
Virginia	41.3	41.9	41.8	10.86	11.23	11.20	448.52	470.54	468.16
Bristol	39.4	44.0	44.4	9.64	10.49	10.38	379.82	461.56	460.87
Charlottesville	40.9	35.9	38.3	9.79	10.19	10.27	400.41	365.82	393.34
Danville	41.5	46.6	42.9	10.76	11.94	11.18	446.54	556.40	479.82
Lynchburg	42.3	42.8	44.2	10.58	10.78	10.76	447.53	461.38	475.59
Northern Virginia	41.5	41.1	40.8	12.20	11.95	12.15	506.30	491.15	495.72
Richmond-Petersburg	42.9	42.6	43.2	13.89	14.41	14.63	595.88	613.87	632.02
Roanoke	42.2	42.4	41.4	12.26	12.33	11.94	517.37	522.79	494.32
Washington	39.6	39.9	40.1	13.76	14.31	13.99	544.90	570.97	561.00
West Virginia	40.8	40.9	41.6	12.21	12.51	12.56	498.17	511.66	522.50
Charleston	44.4	47.1	47.0	14.87	14.52	14.58	660.23	683.89	684.32
Huntington-Ashland	41.3	41.7	42.8	14.49	14.66	14.13	598.44	619.66	604.76
Parkersburg-Marietta	41.0	41.8	42.7	14.71	14.85	14.63	603.11	620.73	633.24
Wheeling	40.1	38.8	40.4	13.75	14.85	14.18	551.38	576.18	572.87
Wisconsin	41.7	42.5	42.8	11.98	12.21	12.21	499.57	518.93	522.59
Appleton-Oshkosh-Neenah	43.1	44.3	44.4	13.06	13.59	13.44	562.89	602.04	596.74
Eau Claire	40.1	43.5	43.0	11.89	12.55	12.57	476.79	545.93	540.51
Green Bay	42.2	41.8	41.8	12.72	12.93	12.97	536.78	540.47	542.15
Janesville-Beloit	40.4	43.3	45.9	14.78	17.05	16.73	597.11	738.27	767.91
Kenosha	38.8	40.1	40.4	12.79	12.77	13.66	496.25	512.08	551.86
La Crosse	40.9	42.3	41.1	10.17	10.09	10.07	415.95	426.81	413.88
Madison	40.2	41.7	41.9	11.17	11.53	11.60	449.03	480.80	486.04
Milwaukee-Waukesha	41.4	41.5	41.9	13.31	13.45	13.57	551.03	558.18	568.58
Racine	40.8	40.7	40.7	12.06	12.98	12.08	492.05	528.29	491.66
Sheboygan	42.2	42.5	45.4	12.21	12.09	12.03	515.26	513.63	546.18
Wausau	42.4	43.4	44.0	11.73	11.62	11.79	497.35	504.31	518.76
Wyoming	38.9	39.0	39.8	11.87	12.04	11.92	461.74	469.56	472.03
Puerto Rico	39.5	40.1	40.1	7.09	7.29	7.32	280.06	292.33	293.53
Virgin Islands	43.8	42.7	43.5	15.13	15.09	15.02	659.87	644.34	653.37

^P = 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 adjusted¹

(Numbers in thousands)

Census region and division	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.
NORTHEAST													
Civilian noninstitutional population ²	39,589	39,596	39,599	39,601	39,696	39,697	39,695	39,700	39,704	39,715	39,720	39,732	39,749
Civilian labor force	25,525	25,562	25,527	25,469	25,464	25,379	25,622	25,410	25,250	25,488	25,708	25,548	25,430
Employed	23,726	23,754	23,772	23,734	23,765	23,677	23,794	23,637	23,652	23,848	24,008	23,904	23,859
Unemployed	1,800	1,807	1,755	1,735	1,700	1,702	1,828	1,773	1,598	1,640	1,699	1,645	1,571
Unemployment rate	7.1	7.1	6.9	6.8	6.7	6.7	7.1	7.0	6.3	6.4	6.6	6.4	6.2
New England													
Civilian noninstitutional population ²	10,218	10,218	10,219	10,221	10,221	10,219	10,216	10,216	10,215	10,217	10,216	10,217	10,221
Civilian labor force	7,065	7,055	6,979	6,963	6,977	7,031	7,000	6,909	6,879	6,911	7,004	6,949	6,944
Employed	6,608	6,599	6,547	6,541	6,518	6,588	6,592	6,519	6,473	6,509	6,571	6,517	6,569
Unemployed	457	457	432	423	459	444	407	390	406	402	433	432	375
Unemployment rate	6.5	6.5	6.2	6.1	6.6	6.3	5.8	5.6	5.9	5.8	6.2	6.2	5.4
Middle Atlantic													
Civilian noninstitutional population ²	29,351	29,358	29,363	29,366	29,475	29,478	29,479	29,484	29,488	29,498	29,504	29,515	29,528
Civilian labor force	18,460	18,506	18,548	18,506	18,488	18,347	18,623	18,500	18,371	18,578	18,703	18,599	18,486
Employed	17,118	17,155	17,225	17,193	17,247	17,089	17,202	17,117	17,179	17,339	17,437	17,386	17,290
Unemployed	1,342	1,351	1,323	1,313	1,241	1,258	1,421	1,383	1,191	1,239	1,266	1,213	1,196
Unemployment rate	7.3	7.3	7.1	7.1	6.7	6.9	7.6	7.5	6.5	6.7	6.8	6.5	6.5
SOUTH													
Civilian noninstitutional population ²	66,832	66,911	66,989	67,057	68,136	68,206	68,273	68,347	68,420	68,506	68,588	68,674	68,766
Civilian labor force	44,224	44,400	44,577	44,567	44,907	44,882	44,688	44,983	45,136	44,935	45,094	45,254	45,511
Employed	41,540	41,547	41,790	41,907	42,067	42,040	41,854	42,238	42,459	42,289	42,434	42,645	42,904
Unemployed	2,684	2,853	2,787	2,660	2,840	2,842	2,834	2,745	2,677	2,646	2,660	2,609	2,607
Unemployment rate	6.1	6.4	6.3	6.0	6.3	6.3	6.3	6.1	5.9	5.9	5.9	5.8	5.7
South Atlantic													
Civilian noninstitutional population ²	35,082	35,128	35,171	35,212	35,251	35,288	35,322	35,360	35,399	35,445	35,487	35,532	35,580
Civilian labor force	22,936	23,032	23,081	23,132	23,225	23,281	23,197	23,239	23,298	23,295	23,233	23,353	23,626
Employed	21,619	21,608	21,740	21,783	21,750	21,902	21,777	21,847	21,937	22,013	21,941	22,138	22,291
Unemployed	1,317	1,425	1,341	1,350	1,475	1,379	1,420	1,391	1,361	1,283	1,291	1,215	1,334
Unemployment rate	5.7	6.2	5.8	5.8	6.3	5.9	6.1	6.0	5.8	5.5	5.6	5.2	5.6
East South Central													
Civilian noninstitutional population ²	11,976	11,990	12,002	12,015	12,027	12,038	12,047	12,059	12,069	12,083	12,095	12,108	12,123
Civilian labor force	7,509	7,475	7,495	7,522	7,656	7,599	7,597	7,718	7,819	7,670	7,696	7,741	7,770
Employed	7,041	7,024	7,055	7,111	7,178	7,109	7,190	7,294	7,423	7,246	7,269	7,296	7,362
Unemployed	468	451	440	411	478	490	407	423	395	424	427	445	408
Unemployment rate	6.2	6.0	5.9	5.5	6.2	6.4	5.4	5.5	5.1	5.5	5.6	5.8	5.3
West South Central													
Civilian noninstitutional population ²	20,750	20,779	20,806	20,832	20,858	20,881	20,903	20,927	20,951	20,978	21,006	21,033	21,063
Civilian labor force	13,779	13,892	14,001	13,912	14,027	14,002	13,894	14,027	14,019	13,969	14,165	14,159	14,115
Employed	12,880	12,915	12,995	13,013	13,139	13,029	12,887	13,097	13,099	13,030	13,224	13,211	13,251
Unemployed	899	977	1,006	899	888	973	1,007	930	921	939	941	948	864
Unemployment rate	6.5	7.0	7.2	6.5	6.3	6.9	7.2	6.6	6.6	6.7	6.6	6.7	6.1

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 adjusted¹—Continued

(Numbers in thousands)

Census region and division	1993				1994								
	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June	July	Aug.	Sept.
MIDWEST													
Civilian noninstitutional population ²	46,253	46,287	46,317	46,346	46,038	46,054	46,069	46,093	46,116	46,145	46,170	46,202	46,237
Civilian labor force	31,384	31,500	31,614	31,696	31,710	31,931	31,768	31,764	31,886	31,705	31,590	31,721	31,897
Employed	29,524	29,632	29,792	29,880	29,819	30,188	29,929	30,100	30,371	30,273	29,903	30,116	30,307
Unemployed	1,860	1,868	1,822	1,815	1,891	1,743	1,838	1,664	1,514	1,432	1,687	1,606	1,590
Unemployment rate	5.9	5.9	5.8	5.7	6.0	5.5	5.8	5.2	4.7	4.5	5.3	5.1	5.0
East North Central													
Civilian noninstitutional population ²	32,495	32,516	32,535	32,553	32,570	32,582	32,591	32,608	32,622	32,643	32,660	32,682	32,706
Civilian labor force	21,770	21,857	21,988	22,118	22,129	22,330	22,236	22,182	22,187	22,049	21,960	21,951	22,160
Employed	20,355	20,464	20,621	20,770	20,711	20,995	20,886	20,940	20,992	20,973	20,649	20,743	20,979
Unemployed	1,416	1,393	1,367	1,349	1,418	1,335	1,350	1,243	1,195	1,076	1,311	1,208	1,181
Unemployment rate	6.5	6.4	6.2	6.1	6.4	6.0	6.1	5.6	5.4	4.9	6.0	5.5	5.3
West North Central													
Civilian noninstitutional population ²	13,433	13,442	13,452	13,459	13,468	13,473	13,478	13,485	13,493	13,502	13,510	13,520	13,531
Civilian labor force	9,614	9,643	9,626	9,577	9,581	9,601	9,532	9,582	9,698	9,656	9,630	9,771	9,737
Employed	9,170	9,168	9,171	9,111	9,108	9,193	9,044	9,161	9,380	9,300	9,254	9,373	9,328
Unemployed	444	475	455	466	473	408	488	421	319	356	377	398	409
Unemployment rate	4.6	4.9	4.7	4.9	4.9	4.3	5.1	4.4	3.3	3.7	3.9	4.1	4.2
WEST													
Civilian noninstitutional population ²	41,297	41,357	41,415	41,469	42,083	42,133	42,175	42,222	42,271	42,327	42,381	42,436	42,496
Civilian labor force	27,801	27,914	27,936	28,037	28,589	28,600	28,515	28,411	28,458	28,071	28,271	28,703	28,610
Employed	25,582	25,723	25,848	25,997	26,302	26,433	26,456	26,218	26,390	26,000	26,187	26,545	26,595
Unemployed	2,219	2,191	2,088	2,041	2,287	2,167	2,059	2,193	2,068	2,071	2,084	2,158	2,016
Unemployment rate	8.0	7.8	7.5	7.3	8.0	7.6	7.2	7.7	7.3	7.4	7.4	7.5	7.0
Mountain													
Civilian noninstitutional population ²	10,991	11,019	11,045	11,071	11,096	11,123	11,146	11,170	11,195	11,222	11,251	11,277	11,305
Civilian labor force	7,386	7,432	7,472	7,487	7,622	7,794	7,802	7,800	7,767	7,637	7,699	7,932	7,850
Employed	6,956	7,009	7,055	7,107	7,232	7,394	7,408	7,392	7,348	7,229	7,290	7,476	7,409
Unemployed	429	424	417	380	390	400	395	408	419	407	409	456	442
Unemployment rate	5.8	5.7	5.6	5.1	5.1	5.1	5.1	5.2	5.4	5.3	5.3	5.8	5.6
Pacific													
Civilian noninstitutional population ²	30,880	30,909	30,937	30,963	30,987	31,010	31,029	31,052	31,075	31,105	31,130	31,159	31,191
Civilian labor force	20,415	20,482	20,464	20,550	20,967	20,806	20,713	20,611	20,691	20,434	20,572	20,771	20,760
Employed	18,626	18,714	18,793	18,889	19,070	19,038	19,049	18,826	19,042	18,770	18,897	19,070	19,186
Unemployed	1,790	1,767	1,671	1,661	1,897	1,767	1,664	1,785	1,649	1,664	1,675	1,702	1,574
Unemployment rate	8.8	8.6	8.2	8.1	9.0	8.5	8.0	8.7	8.0	8.1	8.1	8.2	7.6

¹ 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.

² 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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Alabama													
Civilian labor force	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	2,007.7	2,002.9	2,023.9
Employed	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	1,889.1	1,884.1	1,896.2
Unemployed	153.1	152.4	152.2	152.1	147.7	163.2	138.2	128.2	114.5	117.7	118.6	118.9	127.7
Unemployment rate	7.7	7.6	7.6	7.6	7.4	8.1	7.0	6.5	5.8	5.9	5.9	5.9	6.3
Alaska													
Civilian labor force	298.6	300.5	300.7	302.3	302.0	308.0	311.3	309.7	309.3	309.5	309.9	308.8	308.6
Employed	276.8	278.1	278.1	279.6	279.3	281.5	285.7	284.2	283.5	283.8	285.9	283.9	284.8
Unemployed	21.8	22.4	22.5	22.7	22.7	26.5	25.8	25.6	25.8	25.7	24.1	24.9	23.8
Unemployment rate	7.3	7.5	7.5	7.5	7.5	8.6	8.2	8.3	8.3	8.3	7.8	8.1	7.7
Arizona													
Civilian labor force	1,841.5	1,848.2	1,851.5	1,852.7	1,858.4	1,929.4	1,963.6	1,996.2	2,008.9	2,003.8	1,996.6	1,975.8	2,010.1
Employed	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	1,860.4	1,861.0	1,883.6
Unemployed	109.0	110.2	112.0	111.8	112.2	95.5	102.2	109.5	112.8	118.5	126.2	114.8	126.5
Unemployment rate	5.9	6.0	6.1	6.0	6.0	5.0	5.2	5.5	5.6	5.9	6.4	5.8	6.3
Arkansas													
Civilian labor force	1,184.9	1,165.7	1,186.8	1,168.0	1,166.5	1,200.3	1,199.2	1,199.3	1,208.8	1,207.9	1,203.8	1,208.6	1,219.8
Employed	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	1,134.2	1,140.3	1,153.7
Unemployed	71.2	71.1	70.9	70.5	69.0	67.2	62.7	60.0	61.9	66.5	69.6	68.5	65.9
Unemployment rate	6.1	6.1	6.1	6.0	5.9	5.6	5.2	5.0	5.1	5.5	5.8	5.7	5.4
California¹													
Civilian labor force	15,153.9	15,218.7	15,314.8	15,209.0	15,215.6	15,625.8	15,596.9	15,547.2	15,559.5	15,513.2	15,199.8	15,333.6	15,390.2
Employed	13,771.4	13,808.6	13,836.5	13,860.6	13,884.0	14,040.7	14,169.8	14,205.0	14,066.5	14,224.9	13,931.2	13,950.2	14,023.5
Unemployed	1,382.5	1,410.1	1,478.3	1,348.4	1,331.6	1,584.9	1,407.2	1,342.2	1,493.0	1,288.3	1,268.6	1,383.4	1,366.7
Unemployment rate	9.1	9.3	9.7	8.9	8.8	10.1	9.0	8.6	9.6	8.3	8.3	9.0	8.9
Colorado													
Civilian labor force	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	1,963.1	1,992.4	2,030.5
Employed	1,817.2	1,817.9	1,832.1	1,846.7	1,858.1	1,855.2	1,858.1	1,858.2	1,853.3	1,866.2	1,866.3	1,899.2	1,937.2
Unemployed	96.2	96.0	97.0	97.0	96.2	112.8	110.3	102.0	105.3	103.1	94.8	93.2	93.3
Unemployment rate	5.0	5.0	5.0	5.0	4.9	5.7	5.6	5.2	5.4	5.2	4.8	4.7	4.6
Connecticut													
Civilian labor force	1,787.3	1,784.4	1,785.6	1,782.4	1,779.2	1,796.6	1,820.8	1,808.0	1,787.9	1,767.6	1,783.2	1,787.5	1,768.9
Employed	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	1,676.4	1,672.3
Unemployed	110.4	109.8	109.1	106.8	104.8	80.4	91.5	93.3	69.8	92.2	91.7	91.1	96.5
Unemployment rate	6.2	6.2	6.1	6.0	5.9	4.5	5.0	5.2	5.0	5.2	5.2	5.2	5.5
Delaware													
Civilian labor force	375.3	376.6	376.8	376.9	377.8	371.3	379.6	382.4	382.2	387.5	387.9	387.5	384.5
Employed	354.5	355.2	355.2	354.9	355.1	351.7	360.5	362.5	361.0	367.2	369.4	368.9	368.1
Unemployed	20.8	21.4	21.4	22.0	22.7	19.5	19.0	19.9	21.2	20.3	18.5	18.5	16.4
Unemployment rate	5.5	5.7	5.7	5.8	6.0	5.3	5.0	5.2	5.5	5.2	4.8	4.8	4.3
District of Columbia													
Civilian labor force	305.9	309.2	308.8	308.5	309.8	315.7	298.4	299.6	303.1	300.4	302.4	306.3	302.3
Employed	279.6	283.6	283.0	282.9	284.3	281.4	270.5	270.4	280.7	277.7	278.2	280.8	278.1
Unemployed	26.4	25.6	25.7	25.7	25.4	34.3	27.9	29.2	22.4	22.8	24.2	25.5	24.2
Unemployment rate	8.6	8.3	8.3	8.3	8.2	10.9	9.3	9.8	7.4	7.5	8.0	8.3	6.0
Florida¹													
Civilian labor force	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	6,708.7	6,718.0
Employed	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	6,326.0	6,295.7	6,343.6
Unemployed	460.5	435.8	454.7	444.5	464.2	512.3	383.4	495.6	502.0	466.3	415.6	413.0	374.2
Unemployment rate	7.0	6.6	6.9	6.6	6.9	7.5	5.7	7.3	7.4	6.9	6.2	6.2	5.6

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1993					1994							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Georgia													
Civilian labor force	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	3,616.4	3,616.0	3,606.7
Employed	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	3,424.6	3,410.5	3,419.1
Unemployed	199.7	201.2	202.9	201.0	199.4	258.5	229.6	219.9	200.1	188.8	191.8	207.5	187.6
Unemployment rate	5.7	5.7	5.8	5.7	5.6	7.2	6.4	6.1	5.6	5.3	5.3	5.7	5.2
Hawaii													
Civilian labor force	582.7	582.1	583.4	583.3	583.3	605.3	597.7	593.7	601.6	599.5	593.7	592.3	591.6
Employed	558.6	559.0	560.3	559.6	559.4	577.3	569.0	562.5	568.1	567.4	561.8	557.7	555.4
Unemployed	24.1	23.1	23.1	23.7	24.0	28.0	28.7	31.2	33.5	32.0	31.9	34.6	36.2
Unemployment rate	4.1	4.0	4.0	4.1	4.1	4.6	4.8	5.3	5.6	5.3	5.4	5.8	6.1
Idaho													
Civilian labor force	548.3	550.0	551.3	551.6	553.7	580.3	591.5	595.7	596.7	594.4	593.0	591.2	590.4
Employed	515.5	517.1	518.3	520.0	521.2	551.3	580.4	564.6	569.0	566.2	562.8	562.1	564.1
Unemployed	32.8	32.9	33.1	31.6	32.4	29.0	31.1	31.1	27.7	28.2	30.2	29.1	26.3
Unemployment rate	6.0	6.0	6.0	5.8	5.9	5.0	5.3	5.2	4.6	4.7	5.1	4.9	4.4
Illinois¹													
Civilian labor force	6,012.5	5,964.0	5,963.5	5,988.8	6,032.9	5,998.6	6,016.6	6,029.7	6,075.7	6,058.6	6,038.0	5,975.8	5,985.8
Employed	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	5,601.3	5,646.0
Unemployed	458.3	483.7	445.4	358.8	357.7	398.5	383.1	362.5	335.5	349.1	290.8	374.4	339.8
Unemployment rate	7.6	8.1	7.5	6.0	5.9	6.6	6.4	6.0	5.5	5.8	4.8	6.3	5.7
Indiana													
Civilian labor force	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	3,016.7	3,003.4	2,972.4	2,973.1
Employed	2,605.8	2,612.4	2,627.1	2,640.6	2,649.4	2,624.8	2,661.2	2,653.1	2,650.4	2,674.4	2,662.4	2,617.8	2,622.3
Unemployed	149.5	149.4	151.5	151.1	152.5	167.8	152.1	154.0	147.5	144.3	141.0	154.7	150.7
Unemployment rate	5.1	5.0	5.1	5.0	5.1	5.6	5.0	5.1	4.9	4.8	4.7	5.2	5.1
Iowa													
Civilian labor force	1,559.7	1,580.2	1,560.2	1,556.2	1,554.8	1,552.1	1,565.9	1,541.6	1,524.5	1,549.5	1,559.0	1,557.8	1,558.5
Employed	1,498.3	1,499.6	1,501.5	1,500.4	1,496.0	1,479.8	1,500.9	1,485.9	1,470.0	1,493.9	1,504.6	1,511.6	1,507.6
Unemployed	61.4	60.7	58.7	57.8	58.8	72.3	65.0	55.6	54.5	55.5	54.4	46.2	50.9
Unemployment rate	3.9	3.9	3.8	3.7	3.7	4.7	4.2	3.6	3.6	3.6	3.5	3.0	3.3
Kansas													
Civilian labor force	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	1,348.3	1,344.9	1,338.8
Employed	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	1,282.4	1,274.2	1,272.6
Unemployed	67.0	66.9	67.4	66.6	66.0	86.4	72.2	77.6	80.4	65.9	65.9	70.7	66.2
Unemployment rate	5.1	5.1	5.1	5.1	5.0	6.5	5.4	5.8	6.0	4.9	4.9	5.3	4.9
Kentucky													
Civilian labor force	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	1,794.4	1,813.6	1,825.3
Employed	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	1,706.5	1,718.2	1,736.7
Unemployed	110.9	107.9	107.0	106.3	103.3	81.3	99.8	86.8	88.1	85.8	87.9	95.4	88.7
Unemployment rate	6.2	6.0	6.0	5.9	5.8	4.5	5.5	4.8	4.9	4.8	4.9	5.3	4.9
Louisiana													
Civilian labor force	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	1,918.1	1,950.1	1,974.1
Employed	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	1,771.8	1,799.1	1,819.1
Unemployed	133.5	133.8	140.2	145.3	140.9	163.2	149.3	153.9	160.6	153.9	146.4	151.1	155.0
Unemployment rate	7.1	7.2	7.5	7.7	7.5	8.5	7.8	8.1	8.4	7.9	7.6	7.7	7.9
Maine													
Civilian labor force	629.4	627.8	627.6	626.5	624.4	628.0	632.5	625.1	619.6	611.9	611.8	619.3	617.1
Employed	577.1	575.2	575.9	575.1	574.7	568.6	585.5	582.2	579.8	578.6	573.5	575.1	574.5
Unemployed	52.3	52.6	51.6	51.4	49.7	59.4	47.0	42.9	39.8	35.2	38.4	44.2	42.7
Unemployment rate	8.3	8.4	8.2	8.2	8.0	9.5	7.4	6.9	6.4	5.8	6.3	7.1	6.9

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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
Maryland													
Civilian labor force	2,871.9	2,874.4	2,680.8	2,680.4	2,682.8	2,689.9	2,898.7	2,661.7	2,645.0	2,658.8	2,663.8	2,671.1	2,683.7
Employed	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	2,525.1	2,525.5	2,540.8
Unemployed	167.2	164.8	163.6	181.9	161.7	168.2	163.0	150.7	142.3	144.0	138.7	145.8	143.0
Unemployment rate	6.3	6.2	6.1	6.0	6.0	6.2	6.0	5.7	5.4	5.4	5.2	5.5	5.3
Massachusetts¹													
Civilian labor force	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	3,218.9	3,172.0
Employed	2,952.5	2,962.7	2,978.3	2,971.7	2,965.8	2,943.8	2,930.4	2,956.8	2,937.1	2,972.5	2,969.2	3,027.5	2,984.2
Unemployed	217.9	222.3	214.9	203.7	195.9	228.2	199.9	185.0	190.2	183.0	189.1	191.4	187.8
Unemployment rate	6.9	7.0	6.7	6.4	6.2	7.2	6.4	5.9	6.1	5.8	6.0	5.9	5.9
Michigan¹													
Civilian labor force	4,728.9	4,717.0	4,736.6	4,713.9	4,748.2	4,803.2	4,796.0	4,752.6	4,817.9	4,769.1	4,735.6	4,745.5	4,743.6
Employed	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	4,496.7	4,480.0	4,462.3	4,447.0
Unemployed	316.0	320.6	327.1	330.7	348.9	362.6	379.6	307.7	276.4	270.5	255.6	283.2	296.6
Unemployment rate	6.7	6.8	6.9	7.0	7.3	7.5	7.9	6.5	5.7	5.7	5.4	6.0	6.3
Minnesota													
Civilian labor force	2,489.5	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	2,550.9	2,516.1	2,547.1
Employed	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	2,459.2	2,428.9	2,455.6
Unemployed	125.6	125.3	125.3	121.8	119.8	113.3	107.3	108.9	107.6	90.3	91.7	87.2	91.6
Unemployment rate	5.1	5.1	5.1	4.9	4.8	4.5	4.2	4.3	4.2	3.5	3.6	3.5	3.6
Mississippi													
Civilian labor force	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	1,244.3	1,248.3	1,254.2
Employed	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	1,162.8	1,165.8	1,175.2
Unemployed	73.6	76.0	76.7	75.4	74.3	84.7	85.0	84.2	89.2	90.0	81.5	82.5	79.0
Unemployment rate	6.1	6.2	6.3	6.2	6.1	6.9	7.0	6.9	7.3	7.3	6.6	6.6	6.3
Missouri													
Civilian labor force	2,646.9	2,651.6	2,857.3	2,658.4	2,660.8	2,667.4	2,837.8	2,643.8	2,646.8	2,643.9	2,658.2	2,661.7	2,680.4
Employed	2,474.4	2,478.3	2,483.3	2,485.2	2,488.1	2,523.8	2,495.1	2,488.6	2,515.3	2,511.0	2,536.7	2,543.2	2,558.5
Unemployed	172.5	173.3	173.9	173.1	172.7	143.5	142.7	155.0	131.6	132.9	121.5	118.5	121.8
Unemployment rate	6.5	6.5	6.5	6.5	6.5	5.4	5.4	5.9	5.0	5.0	4.6	4.5	4.5
Montana													
Civilian labor force	429.0	428.1	430.0	425.2	430.1	434.8	433.9	437.2	440.5	438.5	437.1	439.4	439.5
Employed	403.1	402.8	404.5	399.8	404.8	410.4	410.6	414.8	417.3	418.0	419.1	419.8	418.4
Unemployed	25.8	25.3	25.5	25.3	25.3	24.4	23.2	22.3	23.2	20.5	18.0	19.9	21.1
Unemployment rate	8.0	5.9	5.9	6.0	5.9	5.6	5.4	5.1	5.3	4.7	4.1	4.5	4.8
Nebraska													
Civilian labor force	855.1	856.5	859.6	860.8	862.1	890.7	899.2	892.2	881.7	883.6	876.1	874.9	877.2
Employed	834.1	835.9	839.0	840.5	841.6	868.5	873.7	863.9	855.3	856.1	848.8	851.8	856.5
Unemployed	21.0	20.5	20.8	20.1	20.4	22.3	25.5	28.3	26.4	27.6	27.3	23.1	20.7
Unemployment rate	2.5	2.4	2.4	2.3	2.4	2.5	2.8	3.2	3.0	3.1	3.1	2.6	2.4
Nevada													
Civilian labor force	750.9	751.6	757.2	760.2	764.7	768.1	779.4	780.2	779.2	772.2	775.7	779.1	783.5
Employed	695.5	695.8	701.4	704.8	709.0	729.4	741.4	741.1	738.0	730.5	731.0	734.1	735.8
Unemployed	55.4	55.8	55.9	55.3	55.7	38.8	38.0	39.1	41.2	41.7	44.7	45.0	47.7
Unemployment rate	7.4	7.4	7.4	7.3	7.3	5.0	4.9	5.0	5.3	5.4	5.8	5.8	6.1
New Hampshire													
Civilian labor force	620.7	622.3	623.2	622.7	621.5	627.0	618.2	625.7	623.5	617.0	621.8	627.3	630.0
Employed	561.1	582.0	583.2	583.8	583.8	596.8	565.0	596.9	594.8	567.4	592.5	596.9	600.6
Unemployed	39.5	40.3	40.0	38.8	37.7	30.2	33.2	28.8	28.9	29.5	29.3	30.4	29.4
Unemployment rate	6.4	6.5	6.4	6.2	6.1	4.8	5.4	4.6	4.6	4.8	4.7	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							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
New Jersey¹													
Civilian labor force	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	4,060.5	4,096.9
Employed	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	3,799.2	3,852.5
Unemployed	281.9	305.0	269.0	256.6	282.3	278.0	294.7	319.1	286.5	272.2	283.8	281.4	244.4
Unemployment rate	7.0	7.6	6.7	6.3	7.0	6.8	7.3	7.9	7.2	6.9	7.1	6.4	6.0
New Mexico													
Civilian labor force	758.8	760.1	762.2	760.0	781.5	782.5	760.4	775.2	786.9	785.1	781.1	781.5	790.1
Employed	699.7	701.5	703.8	702.9	704.8	736.7	740.2	734.7	745.9	741.8	741.7	740.5	747.1
Unemployed	58.8	58.5	58.5	57.1	56.7	45.8	40.2	40.5	41.0	43.2	39.4	40.9	43.0
Unemployment rate	7.8	7.7	7.7	7.5	7.4	5.9	5.2	5.2	5.2	5.5	5.0	5.2	5.4
New York¹													
Civilian labor force	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	8,730.3	8,633.1
Employed	7,949.7	7,926.0	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	8,110.0	8,035.2
Unemployed	870.5	628.8	670.6	651.1	653.7	614.0	671.7	699.5	705.5	554.4	600.8	620.3	598.0
Unemployment rate	7.8	7.3	7.8	7.6	7.6	7.1	7.8	8.1	8.2	6.5	7.0	7.1	6.9
North Carolina¹													
Civilian labor force	3,520.6	3,523.8	3,547.6	3,553.6	3,565.2	3,556.5	3,586.6	3,572.5	3,587.4	3,588.8	3,560.3	3,567.0	3,612.7
Employed	3,359.6	3,371.8	3,384.1	3,409.5	3,417.4	3,417.6	3,401.8	3,416.8	3,448.9	3,443.5	3,429.3	3,401.1	3,423.6
Unemployed	160.8	152.0	163.5	144.1	147.6	140.9	185.2	155.7	136.5	145.3	131.1	166.0	189.6
Unemployment rate	4.6	4.3	4.6	4.1	4.1	4.0	5.2	4.4	3.9	4.0	3.7	4.7	5.2
North Dakota													
Civilian labor force	320.1	320.9	321.4	321.4	321.7	332.5	332.7	332.3	331.4	334.5	334.1	335.4	335.8
Employed	306.2	306.9	307.2	307.7	307.7	316.7	317.6	318.4	318.7	322.3	321.4	322.7	324.6
Unemployed	13.9	14.0	14.1	13.7	14.0	15.8	15.1	16.0	12.7	12.2	12.7	12.7	11.2
Unemployment rate	4.3	4.4	4.4	4.3	4.4	4.7	4.5	4.8	3.8	3.7	3.8	3.8	3.3
Ohio¹													
Civilian labor force	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	5,472.4	5,436.7
Employed	5,184.0	5,071.5	5,117.6	5,153.2	5,202.6	5,178.0	5,315.3	5,266.2	5,197.4	5,234.6	5,239.6	5,153.0	5,143.0
Unemployed	310.6	388.0	357.1	358.7	348.0	335.2	294.2	329.2	350.7	363.6	306.1	319.3	293.7
Unemployment rate	5.7	7.1	6.5	6.5	6.3	6.1	5.2	5.9	6.3	6.5	5.5	5.8	5.4
Oklahoma													
Civilian labor force	1,528.0	1,519.5	1,523.5	1,523.8	1,524.7	1,580.8	1,577.0	1,563.0	1,564.7	1,565.5	1,544.3	1,543.7	1,543.3
Employed	1,434.2	1,426.5	1,429.1	1,430.1	1,432.4	1,476.9	1,467.9	1,458.1	1,461.5	1,469.9	1,451.7	1,451.2	1,447.4
Unemployed	93.6	93.0	94.3	93.7	92.3	101.7	109.1	104.9	103.2	95.5	92.6	92.5	95.9
Unemployment rate	6.1	6.1	6.2	6.1	6.1	6.4	6.9	6.7	6.6	6.1	6.0	6.0	6.2
Oregon													
Civilian labor force	1,591.0	1,595.1	1,602.6	1,613.4	1,613.8	1,608.6	1,604.8	1,608.2	1,607.4	1,642.4	1,652.3	1,670.1	1,680.3
Employed	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	1,579.1	1,589.7
Unemployed	114.3	111.4	109.4	108.6	108.0	115.5	114.6	100.5	94.6	95.3	98.8	91.0	90.6
Unemployment rate	7.2	7.0	6.8	6.7	6.7	7.2	7.1	6.3	5.9	5.8	5.9	5.4	5.4
Pennsylvania¹													
Civilian labor force	5,928.7	5,915.2	5,889.1	5,899.4	5,889.6	5,800.2	5,739.6	5,913.6	5,880.9	5,918.0	5,969.5	5,912.5	5,887.2
Employed	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	5,527.9	5,498.5
Unemployed	428.3	408.6	411.2	415.3	376.5	349.1	292.0	402.5	390.9	364.9	354.2	384.6	388.6
Unemployment rate	7.2	6.9	7.0	7.0	6.4	6.0	5.1	6.8	6.6	6.2	5.9	6.5	6.3
Rhode Island													
Civilian labor force	511.0	509.7	509.7	510.3	509.8	523.7	514.9	510.3	497.3	498.6	503.6	503.0	503.4
Employed	472.3	470.5	469.4	469.4	468.6	468.6	475.8	471.7	466.5	467.8	471.0	467.7	465.9
Unemployed	38.8	39.2	40.3	40.9	41.2	54.9	39.1	38.6	30.8	30.8	32.6	35.3	37.4
Unemployment rate	7.6	7.7	7.9	8.0	8.1	10.5	7.6	7.6	6.2	6.2	6.5	7.0	7.4

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1993					1994							
	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug. ^P
South Carolina													
Civilian labor force	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	1,820.1	1,826.4	1,835.6
Employed	1,686.1	1,686.2	1,689.2	1,687.2	1,688.8	1,686.9	1,712.3	1,691.9	1,693.9	1,705.4	1,710.3	1,715.5	1,726.2
Unemployed	143.5	142.5	141.0	140.8	140.8	103.2	118.5	121.0	127.7	116.0	109.8	110.9	109.5
Unemployment rate	7.8	7.8	7.7	7.7	7.7	5.8	6.5	6.7	7.0	6.4	6.0	6.1	6.0
South Dakota													
Civilian labor force	359.9	360.3	360.6	361.3	361.2	362.3	367.8	369.6	369.2	371.2	371.6	372.9	374.5
Employed	347.9	348.2	348.8	349.4	349.1	354.1	357.6	358.5	358.8	360.4	360.2	362.0	363.9
Unemployed	12.0	12.1	11.8	11.9	12.1	8.2	10.3	11.0	10.4	10.7	11.4	10.9	10.6
Unemployment rate	3.3	3.4	3.3	3.3	3.4	2.3	2.8	3.0	2.8	2.9	3.1	2.9	2.8
Tennessee													
Civilian labor force	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	2,624.4	2,628.3	2,622.8
Employed	2,368.3	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	2,503.1	2,507.9	2,500.5
Unemployed	142.5	140.0	138.0	136.1	132.6	146.5	151.8	139.8	123.2	117.1	121.3	120.4	122.3
Unemployment rate	5.7	5.6	5.5	5.4	5.3	5.6	5.8	5.4	4.7	4.4	4.6	4.8	4.7
Texas¹													
Civilian labor force	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	9,500.0	9,416.5
Employed	8,555.8	8,629.8	8,665.2	8,718.1	8,690.7	8,759.8	8,661.5	8,623.4	8,761.4	8,745.3	8,760.6	8,853.7	8,791.0
Unemployed	657.8	624.4	674.2	641.0	610.7	555.0	645.8	693.8	592.9	627.1	634.0	646.3	625.5
Unemployment rate	7.1	6.7	7.2	6.8	6.6	6.0	6.9	7.4	6.3	6.7	6.7	6.8	6.6
Utah													
Civilian labor force	919.1	922.9	927.0	930.5	933.2	963.3	972.8	980.4	979.1	984.7	983.3	986.6	991.0
Employed	884.5	888.8	893.7	897.9	901.5	932.7	939.7	946.7	944.5	948.1	950.2	949.6	956.0
Unemployed	34.7	34.1	33.2	32.6	31.7	30.5	33.2	33.7	34.6	36.6	33.1	37.0	35.0
Unemployment rate	3.8	3.7	3.6	3.5	3.4	3.2	3.4	3.4	3.5	3.7	3.4	3.8	3.5
Vermont													
Civilian labor force	315.5	316.6	317.8	317.9	317.1	306.9	311.4	317.2	315.6	310.4	309.4	309.2	310.8
Employed	298.9	299.9	301.1	301.7	301.1	292.2	295.5	301.8	302.9	296.8	297.0	296.0	296.6
Unemployed	16.7	16.7	16.6	16.2	16.0	14.7	15.9	15.4	12.7	13.6	12.3	13.1	14.2
Unemployment rate	5.3	5.3	5.2	5.1	5.0	4.8	5.1	4.8	4.0	4.4	4.0	4.2	4.6
Virginia													
Civilian labor force	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	3,402.9	3,399.8	3,421.1
Employed	3,209.1	3,211.4	3,215.2	3,223.0	3,226.3	3,231.1	3,216.8	3,233.3	3,273.5	3,264.1	3,227.0	3,226.8	3,250.7
Unemployed	165.4	163.8	160.2	160.8	158.3	164.6	173.2	165.1	178.8	184.6	175.9	173.0	170.4
Unemployment rate	4.9	4.9	4.7	4.8	4.7	4.8	5.1	4.9	5.2	5.4	5.2	5.1	5.0
Washington													
Civilian labor force	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	2,716.7	2,708.8	2,737.4
Employed	2,488.5	2,502.1	2,511.0	2,516.6	2,524.8	2,647.2	2,589.8	2,564.7	2,548.7	2,526.5	2,539.3	2,545.6	2,569.8
Unemployed	202.4	200.9	200.3	196.7	198.8	153.4	172.0	178.4	162.7	169.5	177.4	163.2	167.8
Unemployment rate	7.5	7.4	7.4	7.3	7.3	5.5	6.2	6.5	6.0	6.3	6.5	6.0	6.1
West Virginia													
Civilian labor force	791.4	793.0	794.6	796.1	795.3	772.6	773.4	777.4	770.9	776.5	784.3	786.8	786.2
Employed	706.9	709.7	711.6	713.6	714.5	687.8	690.8	698.2	702.6	706.6	709.2	718.2	715.5
Unemployed	84.5	83.4	83.0	82.5	80.8	84.7	82.5	79.3	68.3	69.9	75.1	68.5	70.7
Unemployment rate	10.7	10.5	10.4	10.4	10.2	11.0	10.7	10.2	8.9	9.0	9.6	8.7	9.0
Wisconsin													
Civilian labor force	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	2,804.6	2,809.3	2,815.7
Employed	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	2,683.7	2,683.6	2,690.5
Unemployed	127.2	125.1	126.2	129.7	132.2	126.8	143.7	135.7	133.0	116.7	121.0	125.7	125.2
Unemployment rate	4.7	4.6	4.6	4.7	4.8	4.5	5.1	4.8	4.7	4.2	4.3	4.5	4.4
Wyoming													
Civilian labor force	238.6	239.3	240.0	239.9	240.9	252.5	250.7	250.7	249.1	249.7	249.4	249.6	248.7
Employed	225.4	226.5	226.9	228.8	227.7	231.9	233.8	234.5	232.5	234.7	234.4	236.4	235.6
Unemployed	13.2	12.9	13.2	13.1	13.2	20.5	18.9	16.2	16.6	15.0	15.0	13.2	13.1
Unemployment rate	5.6	5.4	5.5	5.4	5.5	8.1	6.7	6.5	6.7	6.0	6.0	5.3	5.3

¹ 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.

^P = 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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Alabama	1,987.5	2,014.5	2,019.6	156.0	125.9	130.7	7.9	6.2	6.5
Birmingham	421.3	429.6	432.0	25.6	18.1	20.5	6.1	4.2	4.6
Huntsville	159.9	158.7	158.1	9.5	10.0	6.3	5.9	6.3	5.3
Mobile	242.2	247.3	247.4	21.2	16.1	17.6	8.7	6.5	7.1
Montgomery	147.1	149.1	149.8	9.5	7.9	8.2	6.5	5.3	5.5
Tuscaloosa	72.2	73.4	74.2	4.5	3.6	4.0	6.2	4.9	5.3
Alaska	307.9	323.6	317.3	17.6	21.6	18.8	5.7	6.7	5.9
Anchorage	133.5	139.1	136.7	6.6	7.7	6.6	4.9	5.5	4.6
Arizona	1,840.6	2,001.1	2,004.6	111.8	130.8	130.4	6.1	6.5	6.5
Phoenix-Mesa	1,167.0	1,265.6	1,266.9	57.1	61.9	61.3	4.9	4.9	4.8
Tucson	329.1	357.2	359.6	14.0	16.0	15.6	4.3	4.5	4.3
Arkansas	1,173.8	1,229.7	1,227.0	67.5	70.4	63.2	5.7	5.7	5.2
Fayetteville-Springdale-Rogers	123.2	134.2	134.2	3.4	4.2	3.5	2.6	3.1	2.6
Fort Smith	82.0	96.1	95.4	5.4	5.0	4.8	5.8	5.2	5.1
Little Rock-North Little Rock	281.5	296.3	296.7	12.9	12.9	11.9	4.6	4.4	4.0
Pine Bluff	37.2	38.6	38.5	3.3	3.4	3.1	8.8	8.8	6.2
California ¹	15,333.9	15,554.1	15,547.3	1,351.0	1,443.3	1,341.3	8.8	9.3	8.6
Bakersfield	274.1	278.5	278.8	36.4	38.5	35.0	13.3	13.8	12.6
Fresno	434.2	427.3	437.4	53.1	55.8	48.9	12.2	13.1	11.2
Los Angeles-Long Beach ¹	4,422.7	4,447.0	4,439.0	389.0	446.0	456.0	8.8	10.0	10.3
Modesto	204.0	208.4	211.9	25.3	30.3	24.9	12.4	14.6	11.7
Oakland	1,107.8	1,127.6	1,129.1	78.8	82.1	74.1	6.9	7.3	6.6
Orange County	1,316.5	1,338.3	1,337.3	91.5	88.8	78.9	6.9	6.6	5.9
Riverside-San Bernardino	1,236.5	1,280.8	1,270.9	139.4	139.4	124.8	11.3	10.9	9.8
Sacramento	685.5	708.7	706.4	55.6	55.8	49.5	8.1	7.9	7.0
Salinas	177.6	178.2	178.2	15.8	16.6	14.7	8.9	9.3	8.3
San Diego	1,211.8	1,222.9	1,221.8	96.3	102.0	91.1	8.1	8.3	7.5
San Francisco	900.8	914.7	917.1	57.4	59.6	53.8	6.4	6.5	5.9
San Jose	842.8	855.3	858.5	58.0	60.9	53.5	6.9	7.1	6.2
Santa Barbara-Santa Maria-Lompoc	191.3	193.7	194.7	14.4	14.6	13.4	7.5	7.5	6.9
Santa Rosa	217.7	222.7	225.6	14.7	15.4	13.8	6.8	6.9	6.1
Stockton-Lodi	247.9	252.4	254.4	27.9	29.8	25.5	11.3	11.8	10.0
Vallejo-Fairfield-Napa	236.2	236.2	238.3	18.5	19.4	17.8	7.8	8.1	7.4
Ventura	368.7	378.0	372.4	34.9	35.1	32.7	9.5	9.3	8.8
Colorado	1,946.5	2,018.6	2,061.2	92.7	90.2	88.6	4.8	4.5	4.3
Boulder-Longmont	149.4	154.4	155.8	6.5	6.8	6.4	4.4	4.3	4.1
Denver	993.2	1,011.1	1,034.6	44.3	42.0	42.4	4.5	4.2	4.1
Connecticut	1,827.9	1,828.9	1,807.0	114.4	103.9	101.2	6.3	5.7	5.6
Bridgeport	235.0	229.3	229.1	16.7	14.9	14.5	7.1	6.5	6.3
Danbury	119.0	116.6	117.6	5.8	5.1	4.9	4.7	4.3	4.2
Hartford	635.2	643.8	634.5	43.7	37.9	37.3	6.9	5.9	5.9
New Haven-Meriden	287.3	282.0	276.8	17.9	16.7	16.4	6.2	5.9	5.9
Stamford-Newark	197.8	198.2	194.1	8.0	7.7	7.6	4.0	3.9	3.9
Waterbury	124.0	121.9	121.7	9.0	8.6	8.1	7.3	7.0	6.7
Delaware	378.5	393.2	368.1	22.3	18.7	17.8	5.9	4.8	4.6
Wilmington-Newark	279.7	289.2	263.9	17.5	18.9	14.1	6.3	5.8	5.0
District of Columbia	309.9	318.0	305.9	25.7	26.8	23.3	8.3	8.4	7.6
Washington	2,573.8	2,630.4	2,597.3	115.7	109.7	104.6	4.5	4.2	4.0
Florida ¹	6,626.3	6,822.8	6,800.8	535.2	461.7	447.9	8.1	8.8	6.8
Daytona Beach	184.3	189.6	186.2	13.5	11.8	11.2	7.3	8.2	8.0
Fort Lauderdale	895.7	718.9	718.8	53.7	45.4	44.5	7.7	6.3	6.2
Fort Myers-Cape Coral	156.3	164.0	162.9	10.9	8.9	8.5	7.0	5.4	5.2
Gainesville	96.0	98.6	98.0	4.4	3.8	3.6	4.8	3.7	3.7
Jacksonville	484.7	494.7	492.8	29.8	25.1	24.0	6.2	5.1	4.9
Lakeland-Winter Haven	188.9	195.8	195.3	23.3	20.1	19.8	12.4	10.3	10.1
Melbourne-Titusville-Palm Bay	205.5	209.4	209.4	17.8	14.1	13.8	8.8	8.8	8.6
Miami	1,026.8	1,059.2	1,059.1	87.3	83.5	81.7	8.5	7.9	7.7
Orlando	723.5	758.2	758.4	49.8	44.5	43.3	6.9	5.9	5.7
Pensacola	184.3	166.8	166.8	9.7	8.4	8.0	5.9	5.0	4.8
Sarasota-Bradenton	235.8	241.4	241.1	14.3	11.2	10.9	8.0	4.8	4.5
Tallahassee	135.9	140.4	138.7	8.8	8.4	5.6	5.0	4.5	4.0
Tampa-St. Petersburg-Clearwater	1,027.2	1,048.9	1,047.8	78.1	59.3	58.8	7.4	5.7	5.4
West Palm Beach-Boca Raton	434.1	439.8	438.4	47.1	40.7	40.5	10.9	9.3	9.2

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Georgia	3,493.4	3,652.3	3,610.5	199.2	217.9	184.6	5.7	6.0	5.1
Albany	52.6	57.8	59.1	4.4	10.6	4.5	8.4	18.7	8.5
Athens	63.1	64.3	63.2	2.8	3.1	2.5	4.5	4.8	3.9
Atlanta	1,790.2	1,881.8	1,871.3	91.3	92.5	85.9	5.1	4.9	4.8
Augusta-Aiken	205.3	206.2	204.5	15.0	12.8	12.2	7.3	6.2	6.0
Columbus	110.3	112.0	111.4	8.2	7.1	6.9	7.5	6.4	6.2
Macon	140.9	147.6	141.7	8.3	13.7	8.4	5.9	9.3	6.0
Savannah	124.5	127.0	126.2	7.6	7.5	7.2	6.1	5.9	5.7
Hawaii	584.9	598.5	592.6	24.5	35.8	36.6	4.2	6.0	6.2
Honolulu	424.6	432.6	428.2	13.7	20.3	20.8	3.2	4.7	4.9
Idaho	556.2	604.5	596.9	31.3	26.7	24.8	5.6	4.4	4.2
Boise City	173.0	188.8	189.3	7.4	6.3	6.1	4.3	3.3	3.2
Illinois ¹	6,043.2	6,076.5	6,019.8	442.3	349.5	319.8	7.3	5.8	5.3
Bloomington-Normal	74.4	76.0	75.5	3.2	2.8	2.3	4.3	3.7	3.0
Champaign-Urbana	91.8	91.1	89.7	5.3	3.7	3.4	5.8	4.1	3.8
Chicago	3,990.8	4,026.1	3,995.5	278.5	226.1	208.2	7.0	5.6	5.2
Davenport-Moline-Rock Island	183.9	188.6	186.8	10.2	7.9	7.9	5.5	4.2	4.2
Decatur	60.3	60.6	59.6	5.9	4.9	4.5	9.8	8.1	7.6
Kankakee	49.9	50.5	49.7	4.0	3.6	3.1	7.9	7.0	6.2
Peoria-Pekin	172.1	173.4	171.8	11.7	8.9	8.0	6.8	5.1	4.7
Rockford	187.0	188.4	184.0	17.3	10.4	9.1	9.2	5.6	5.0
Springfield	111.8	106.7	110.9	6.1	4.9	4.7	5.4	4.6	4.3
Indiana	2,983.8	3,042.2	2,999.3	140.8	155.3	140.4	4.7	5.1	4.7
Bloomington	56.9	58.8	58.5	2.0	2.3	2.3	3.5	3.9	3.9
Elkhart-Goshen	92.2	94.9	94.2	3.7	3.5	3.7	4.0	3.6	4.0
Evansville-Henderson	152.1	153.4	150.3	6.7	7.9	7.0	4.4	5.2	4.7
Fort Wayne	254.4	263.7	259.6	11.4	11.8	11.2	4.5	4.5	4.3
Gary	297.1	293.5	290.9	18.3	17.2	16.3	6.2	5.9	5.6
Indianapolis	771.2	792.5	783.3	30.2	34.8	32.4	3.9	4.4	4.1
Kokomo	52.1	56.4	51.4	2.4	6.4	2.5	4.7	11.4	4.9
Lafayette	87.0	87.9	87.1	2.9	2.9	2.7	3.3	3.3	3.1
Muncie	63.3	64.8	64.0	3.3	3.7	3.4	5.3	5.7	5.3
South Bend	128.9	132.7	129.3	5.8	6.4	5.4	4.5	4.8	4.2
Terre Haute	71.7	70.9	69.9	4.4	4.2	4.2	6.1	6.0	6.0
Iowa	1,565.2	1,578.7	1,566.3	56.9	42.5	46.9	3.6	2.7	3.0
Cedar Rapids	104.7	105.7	105.1	3.4	2.4	2.6	3.2	2.3	2.5
Des Moines	249.8	254.6	252.4	8.1	5.3	6.0	3.3	2.1	2.4
Dubuque	49.6	50.2	49.6	1.6	1.2	1.4	3.2	2.5	2.7
Iowa City	63.3	64.4	64.3	1.8	1.4	1.5	2.8	2.1	2.3
Sioux City	64.4	64.8	64.3	1.8	1.7	1.8	2.8	2.6	2.9
Waterloo-Cedar Falls	67.1	67.6	67.6	3.5	2.5	2.9	5.3	3.8	4.3
Kansas	1,318.2	1,364.4	1,339.0	66.6	64.8	65.2	5.1	4.7	4.9
Lawrence	47.8	47.7	48.4	2.5	2.5	2.5	5.2	5.2	5.1
Topeka	89.2	93.3	91.7	4.2	4.3	4.2	4.8	4.6	4.6
Wichita	269.3	275.9	269.3	15.6	15.2	15.3	5.8	5.5	5.7
Kentucky	1,803.9	1,843.3	1,832.0	100.2	92.6	80.6	5.6	5.0	4.4
Lexington	233.9	237.8	235.6	8.7	7.8	7.2	3.7	3.3	3.1
Louisville	508.9	531.0	525.1	22.2	24.3	19.9	4.4	4.6	3.8
Owensboro	45.8	47.1	47.1	2.8	2.4	2.2	6.1	5.0	4.7
Louisiana	1,886.1	2,003.5	1,987.0	140.4	162.3	160.0	7.4	8.1	8.1
Alexandria	55.6	59.2	57.7	3.8	4.7	4.2	6.9	8.0	7.3
Baton Rouge	270.6	288.8	284.2	19.1	22.5	21.5	7.0	7.9	7.6
Houma	76.2	81.1	80.4	5.2	5.5	5.7	6.8	6.8	7.1
Lafayette	154.3	163.6	163.0	10.6	12.2	12.2	6.8	7.4	7.5
Lake Charles	78.7	84.2	83.1	5.8	6.9	7.1	7.4	8.2	8.6
Monroe	64.0	68.9	68.1	4.3	5.0	5.1	6.7	7.3	7.5
New Orleans	588.7	616.5	613.6	42.4	46.8	47.2	7.2	7.8	7.7
Shreveport-Bossier City	171.2	183.8	182.8	11.8	14.1	13.8	6.9	7.7	7.5
Maine	643.5	638.8	630.7	44.2	34.7	34.4	6.9	5.4	5.5
Lewiston-Auburn	49.3	50.4	49.7	4.0	3.4	2.9	8.1	6.7	5.9
Portland	121.6	121.4	118.2	8.8	4.6	4.9	5.6	3.8	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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Maryland	2,701.9	2,735.6	2,712.6	163.0	143.4	138.0	6.0	5.2	5.1
Baltimore	1,230.0	1,236.7	1,229.3	90.3	77.7	74.9	7.3	6.3	6.1
Massachusetts ¹	3,206.9	3,254.7	3,212.0	210.2	196.8	181.1	6.6	6.0	5.6
Boston	1,761.0	1,801.2	1,776.7	103.2	96.0	90.4	5.9	5.3	5.1
Brockton	121.7	123.2	121.5	9.6	9.0	8.4	7.9	7.3	6.9
Fitchburg-Leominster	68.7	69.1	68.2	4.6	5.1	4.5	7.0	7.3	6.7
Lawrence	190.7	191.2	191.5	16.3	13.9	13.2	8.6	7.3	6.9
Lowell	155.0	154.8	153.8	12.1	10.7	10.2	7.8	8.9	6.6
New Bedford	63.7	62.6	61.8	8.0	8.4	8.8	9.6	10.1	8.3
Pittsfield	42.7	43.2	42.4	3.2	3.2	2.9	7.6	7.4	7.0
Springfield	285.5	287.1	282.3	20.9	19.5	18.1	7.3	6.8	6.4
Worcester	246.2	248.9	245.8	15.9	13.4	12.2	6.5	5.4	5.0
Michigan ¹	4,813.6	4,833.7	4,825.0	304.0	315.9	280.3	6.3	6.5	5.8
Ann Arbor	278.6	280.6	278.6	11.4	12.9	10.6	4.1	4.6	3.8
Benton Harbor	84.4	84.3	84.8	5.3	5.2	4.9	6.3	6.2	5.8
Detroit	2,158.4	2,187.3	2,150.5	139.8	148.4	122.8	6.5	8.8	5.7
Flint	198.9	199.5	198.6	17.8	18.4	15.9	8.9	9.2	8.0
Grand Rapids-Muskegon-Holland	524.9	529.7	530.5	26.8	27.4	25.1	5.1	5.2	4.7
Jackson	74.5	74.9	75.5	4.8	4.8	4.9	6.4	6.4	6.5
Kalamazoo-Battle-Creek	228.7	225.6	227.0	11.1	12.2	11.5	4.9	5.4	5.1
Lansing-East Lansing	232.7	233.1	234.2	15.4	10.1	10.0	6.8	4.3	4.3
Saginaw-Bay City-Midland	198.0	198.8	199.2	12.1	12.3	12.2	6.1	8.2	6.1
Minnesota	2,490.8	2,558.1	2,585.6	119.3	81.4	84.9	4.8	3.2	3.3
Duluth-Superior	117.0	119.2	118.3	7.8	8.1	6.3	6.7	5.1	5.3
Minneapolis-St. Paul	1,529.4	1,575.4	1,574.5	66.2	43.1	45.8	4.3	2.7	2.9
Rochester	64.8	66.2	66.2	1.8	1.7	1.8	2.8	2.6	2.8
St. Cloud	85.3	88.9	89.3	4.2	3.0	3.2	4.9	3.4	3.6
Mississippi	1,212.5	1,264.7	1,253.9	77.2	68.1	81.5	6.4	7.0	6.5
Jackson	210.4	220.3	219.7	9.9	10.9	10.6	4.7	4.9	4.8
Missouri	2,661.2	2,715.7	2,894.2	178.5	125.1	127.4	6.7	4.6	4.7
Kansas City	884.2	920.1	910.1	51.2	41.7	42.4	5.8	4.5	4.7
St. Louis LMA	1,284.5	1,321.0	1,307.6	90.3	62.0	62.0	7.0	4.7	4.7
Springfield	149.1	155.8	154.8	7.6	4.6	4.9	5.1	3.0	3.2
Montana	435.3	449.7	445.5	21.3	17.8	16.2	4.9	4.0	3.6
Nebraska	865.0	895.3	884.8	21.2	25.6	20.8	2.4	2.9	2.4
Lincoln	130.9	133.6	132.5	2.9	3.9	3.0	2.2	2.9	2.3
Omaha	350.5	360.4	355.7	9.9	10.6	9.5	2.8	2.9	2.7
Nevada	754.1	787.1	786.0	53.9	47.8	47.2	7.1	6.1	6.0
Las Vegas	539.1	568.7	570.4	40.2	36.4	35.9	7.5	6.4	6.3
Reno	161.9	166.1	184.6	9.7	8.5	8.5	6.0	5.1	5.1
New Hampshire	630.1	833.1	839.1	38.3	27.6	28.3	6.1	4.4	4.4
Manchester	97.1	97.9	97.5	5.7	4.6	4.7	5.9	4.7	4.8
Nashua	94.9	94.9	96.6	6.8	4.5	4.9	7.1	4.7	5.1
Portsmouth-Rochester	119.9	121.5	123.1	6.3	5.0	4.9	5.2	4.1	4.0
New Jersey ¹	4,028.1	4,112.7	4,117.6	281.1	275.8	246.6	7.0	6.7	6.0
Atlantic-Cape May	177.3	181.2	181.1	14.0	13.9	12.5	7.9	7.7	6.9
Bergen-Passaic	655.9	666.3	669.5	47.3	47.3	42.2	7.2	7.1	6.3
Jersey City	278.7	283.7	285.2	25.5	26.0	23.0	9.1	9.2	8.1
Middlesex-Somerset-Hunterdon	584.8	596.9	600.9	36.0	32.6	26.9	6.2	5.5	4.8
Monmouth-Ocean	502.6	520.1	519.0	30.4	30.0	26.8	8.1	5.8	5.2
Newark	995.9	1,018.6	1,013.9	73.0	69.8	62.5	7.3	8.8	6.2
Trenton	167.7	172.4	171.0	10.2	9.8	9.1	8.1	5.7	5.3
Vineland-Millville-Bridgeton	62.4	64.0	63.8	8.4	8.4	5.6	10.3	10.0	8.8
New Mexico	757.3	788.8	787.3	58.7	44.4	42.8	7.7	5.8	5.4
Albuquerque	328.8	349.4	346.1	23.4	16.4	14.8	7.1	4.7	4.2
Las Cruces	59.3	61.2	61.2	5.6	4.2	4.1	9.4	8.9	8.8
Santa Fe	75.3	77.7	79.0	2.8	2.6	2.6	3.7	3.3	3.3

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
New York¹	8,680.4	8,863.2	8,690.3	654.9	615.8	579.8	7.5	6.9	6.7
Albany-Schenectady-Troy	455.8	471.3	460.3	21.7	23.3	21.1	4.8	4.9	4.6
Binghamton	129.1	128.6	126.0	9.1	8.4	8.0	7.0	6.5	6.3
Buffalo-Niagara Falls	577.2	598.7	581.0	39.2	37.6	34.2	6.8	6.3	5.9
Dutchess County	120.8	119.4	116.2	11.5	7.8	7.1	9.5	6.5	6.1
Elmira	42.3	44.0	43.0	2.4	2.3	2.1	5.6	5.2	4.8
Glens Falls	65.3	69.2	71.4	3.8	3.9	3.6	5.9	5.6	5.0
Nassau-Suffolk	1,360.0	1,398.4	1,356.0	95.6	84.0	80.1	7.0	6.0	5.9
New York	3,914.8	3,956.4	3,904.7	349.1	326.9	311.4	8.9	8.3	8.0
New York City ¹	3,275.2	3,302.0	3,269.0	310.2	292.0	278.0	9.5	8.8	8.5
Newburgh	172.3	176.8	172.7	11.2	10.0	9.7	6.5	5.7	5.6
Rochester	566.9	590.9	577.0	27.9	31.8	29.7	4.9	5.4	5.1
Syracuse	368.2	378.2	369.0	22.6	20.7	19.1	6.1	5.5	5.2
Utica-Rome	144.5	149.4	145.6	8.7	8.0	6.9	6.0	5.4	4.8
North Carolina¹	3,557.8	3,643.7	3,647.1	151.2	175.9	179.1	4.3	4.6	4.9
Asheville	105.8	107.8	107.3	3.8	4.3	4.6	3.6	4.0	4.3
Charlotte-Gastonia-Rock Hill	877.7	689.9	693.5	29.4	29.3	30.2	4.3	4.2	4.4
Greensboro-Winston-Salem-High Point	595.3	610.9	609.3	21.8	23.8	25.4	3.7	3.9	4.2
Raleigh-Durham-Chapel Hill	553.0	546.2	548.6	16.8	19.3	20.0	3.0	3.5	3.6
North Dakota	331.6	347.0	347.0	14.5	12.3	11.8	4.4	3.6	3.3
Bismarck	48.6	50.6	50.6	1.9	1.7	1.5	3.9	3.4	3.0
Fargo-Moorhead	90.1	92.8	92.8	2.8	2.1	2.2	3.1	2.3	2.4
Grand Forks	65.1	68.6	68.3	2.7	2.3	2.0	4.1	3.4	3.0
Ohio¹	5,593.0	5,594.5	5,537.7	283.0	319.6	267.8	5.1	5.7	4.8
Akron	352.3	354.5	352.8	15.6	18.1	15.6	4.4	5.1	4.4
Canton-Massillon	203.6	203.1	202.4	10.7	11.5	10.4	5.3	5.7	5.2
Cincinnati	816.6	818.7	813.5	39.6	39.3	35.2	4.9	4.8	4.3
Cleveland-Lorain-Elyria	1,102.4	1,095.1	1,084.0	58.0	64.3	55.1	5.3	5.9	5.1
Columbus	774.4	759.5	757.3	30.5	31.2	27.3	3.9	4.1	3.6
Dayton-Springfield	472.3	468.0	465.2	19.8	23.7	19.3	4.2	5.1	4.2
Toledo	309.0	308.8	304.3	15.7	18.0	14.5	5.1	5.8	4.8
Youngstown-Warren	264.8	298.0	285.9	18.0	30.5	23.0	6.3	10.2	6.0
Oklahoma	1,529.9	1,556.3	1,540.0	86.3	86.3	86.8	5.6	5.5	5.6
Enid	27.6	27.7	27.6	.9	1.2	1.2	3.4	4.2	4.5
Lawton	41.7	44.1	43.4	2.4	2.6	2.6	5.7	5.8	5.9
Oklahoma City	495.9	502.4	491.7	24.5	22.0	23.0	4.9	4.4	4.7
Tulsa	383.7	382.7	376.3	21.8	21.1	21.2	5.7	5.5	5.6
Oregon	1,813.4	1,700.1	1,704.4	105.8	86.5	81.3	6.6	5.1	4.8
Eugene-Springfield	150.5	158.5	159.2	10.5	8.3	7.7	7.0	5.2	4.8
Medford-Ashland	78.8	82.6	83.0	6.5	5.7	5.3	8.2	6.9	6.3
Portland-Vancouver	924.3	966.7	969.1	52.0	40.3	39.4	5.6	4.2	4.1
Salem	157.9	185.2	165.7	10.0	8.1	7.4	6.4	4.9	4.5
Pennsylvania¹	6,000.0	6,000.0	5,954.7	422.6	400.8	367.2	7.0	6.7	6.2
Allentown-Bethlehem-Easton	278.8	279.4	276.5	20.9	19.8	17.4	7.5	7.1	6.3
Altoona	64.6	65.2	65.2	4.6	4.3	3.9	7.1	6.6	6.1
Erie	142.7	144.0	142.5	10.4	9.7	9.0	7.3	6.8	6.3
Harrisburg-Lebanon-Carlisle	338.7	336.4	333.1	16.1	15.9	14.4	4.7	4.7	4.3
Johnstown	108.8	108.0	107.8	11.3	10.1	9.7	10.4	9.3	9.0
Lancaster	232.9	235.7	233.4	10.5	11.1	9.3	4.5	4.7	4.0
Philadelphia	2,478.8	2,478.9	2,466.6	174.8	161.8	151.3	7.1	6.5	6.1
Pittsburgh	1,177.4	1,182.1	1,172.3	81.2	78.2	73.3	6.9	6.6	6.3
Reading	179.5	180.6	179.5	10.4	9.5	8.5	5.8	5.3	4.8
Scranton-Wilkes-Barre-Hazleton	348.7	351.3	349.6	27.5	28.2	24.8	7.9	8.0	7.1
Sharon	54.5	55.4	54.9	4.9	4.1	3.9	9.0	7.4	7.1
State College	65.1	64.8	64.0	3.9	3.3	3.1	6.0	5.2	4.8
Williamsport	57.8	58.3	57.3	4.5	4.8	3.8	7.8	8.2	6.7
York	190.5	191.8	190.9	10.6	9.7	8.8	5.5	5.1	4.6
Rhode Island	514.8	506.3	506.9	35.3	31.8	33.5	6.9	6.2	6.8
Providence-Fall River-Warwick	589.1	581.5	581.8	44.2	40.2	39.9	7.5	6.9	6.9
South Carolina	1,851.7	1,863.5	1,859.2	145.1	116.4	111.7	7.8	6.2	6.0
Charleston-North Charleston	249.9	250.5	250.5	17.6	15.6	15.1	7.0	8.2	6.0
Columbia	254.6	258.1	257.1	15.3	11.0	10.7	6.0	4.3	4.1
Greenville-Spartanburg-Anderson	487.8	476.1	475.4	28.0	22.9	21.7	6.0	4.8	4.6
South Dakota	368.8	384.1	383.4	12.6	10.4	11.4	3.4	2.7	3.0
Rapid City	44.1	44.6	45.0	1.7	1.3	1.8	4.0	3.0	4.0
Sioux Falls	82.1	87.9	86.9	1.9	1.8	2.1	2.3	2.1	2.5

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		
	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P	Aug. 1993	July 1994	Aug. 1994 ^P
Tennessee	2,541.9	2,665.3	2,653.6	146.0	125.3	124.8	5.7	4.7	4.7
Chattanooga	217.8	227.2	225.7	11.3	9.7	10.1	5.2	4.3	4.5
Johnson City-Kingsport-Bristol	222.3	224.6	224.5	13.1	11.2	12.0	5.9	5.0	5.4
Knoxville	332.3	343.2	343.3	15.1	12.3	12.8	4.6	3.6	3.7
Memphis	490.8	511.1	506.1	26.6	22.7	23.8	5.4	4.4	4.7
Nashville	567.2	599.8	600.7	24.3	18.5	19.4	4.3	3.1	3.2
Texas¹	9,234.0	9,623.1	9,437.2	614.1	657.0	581.1	6.7	6.8	6.2
Abilene	57.9	58.9	57.7	3.4	3.4	3.0	5.8	5.8	5.2
Amarillo	105.0	110.0	108.8	4.7	4.9	4.4	4.5	4.4	4.0
Austin-San Marcos	549.3	582.2	573.8	21.5	22.4	20.5	3.9	3.9	3.6
Beaumont-Port Arthur	185.2	193.0	186.6	19.2	20.2	17.6	10.4	10.5	9.4
Brazoria	106.8	110.5	108.5	7.9	8.4	7.8	7.4	7.6	7.2
Brownsville-Harlingen-San Benito	117.2	124.3	121.2	12.6	15.0	12.6	10.8	12.1	10.4
Bryan-College Station	65.4	69.1	67.4	1.9	2.5	2.2	3.0	3.6	3.3
Corpus Christi	171.2	179.6	172.8	14.0	17.5	15.3	8.2	9.7	8.9
Dallas	1,643.6	1,739.8	1,714.5	92.3	98.1	87.0	5.6	5.6	5.1
El Paso	276.4	288.2	279.9	25.8	30.1	25.7	9.3	10.4	9.2
Fort Worth-Arlington	799.8	832.5	817.4	49.0	48.7	43.2	6.1	5.8	5.3
Galveston-Texas City	127.2	132.3	128.9	10.3	11.6	10.4	8.1	8.7	8.1
Houston	1,946.7	2,004.8	1,969.7	135.4	138.7	124.0	7.0	6.9	8.3
Killeen-Temple	104.8	111.1	109.3	5.7	6.1	5.8	5.4	5.5	5.1
Laredo	63.6	68.4	66.5	5.7	6.4	5.4	9.0	9.4	8.1
Longview-Marshall	99.0	103.2	100.5	8.2	9.1	8.0	8.3	8.8	8.0
Lubbock	118.7	123.4	121.2	5.6	6.4	5.6	4.7	5.2	4.6
McAllen-Edinburg-Mission	165.1	178.2	173.5	26.6	30.5	27.4	16.1	17.1	15.8
Odessa-Midland	118.4	121.1	118.6	8.8	9.7	8.4	7.4	8.0	7.1
San Angelo	49.8	51.7	50.4	2.8	2.7	2.2	5.6	5.2	4.4
San Antonio	688.9	715.8	701.3	39.4	40.4	34.4	5.7	5.6	4.9
Sherman-Denison	46.0	46.7	45.7	3.2	3.1	2.8	6.9	6.6	6.1
Texarkana	57.2	58.6	57.3	4.6	5.6	4.8	8.0	9.5	8.4
Tyler	81.2	83.8	82.4	5.3	4.9	4.7	6.5	5.8	5.7
Victoria	41.0	43.4	42.3	2.1	2.8	2.4	5.2	6.5	5.8
Waco	95.4	100.1	97.8	5.4	5.6	4.9	5.6	5.6	5.0
Wichita Falls	62.4	65.1	63.1	3.2	4.1	3.4	5.2	6.4	5.3
Utah	932.1	998.2	1,003.5	37.3	36.2	37.9	4.0	3.6	3.8
Provo-Orem	133.4	144.2	144.8	5.0	5.0	4.8	3.7	3.5	3.3
Salt Lake City-Ogden	602.0	641.6	644.4	23.0	22.3	23.3	3.8	3.5	3.6
Vermont	316.9	310.8	312.0	14.2	11.1	12.0	4.5	3.6	3.8
Burlington	91.2	90.8	91.7	3.4	2.4	2.8	3.7	2.7	3.1
Virginia	3,408.2	3,474.7	3,455.1	164.3	177.0	168.7	4.8	5.1	4.9
Charlottesville	69.7	71.2	70.1	2.4	2.6	2.6	3.5	3.6	3.7
Danville	58.3	59.1	59.4	3.6	5.3	4.7	6.1	9.0	7.9
Lynchburg	106.2	107.3	106.9	4.8	5.0	4.6	4.5	4.6	4.3
Norfolk-Virginia Beach-Newport News	700.6	726.1	725.4	36.3	41.6	40.3	5.2	5.7	5.6
Richmond-Petersburg	494.1	503.2	500.1	23.3	24.1	23.5	4.7	4.8	4.7
Roanoke	128.1	131.4	130.9	5.9	5.3	5.0	4.6	4.0	3.8
Washington	2,693.2	2,739.9	2,733.5	180.6	150.7	146.7	6.7	5.5	5.4
Seattle-Bellevue-Everett	1,187.4	1,203.2	1,203.7	71.0	60.0	58.7	6.0	5.0	4.9
West Virginia	795.3	801.4	791.4	81.6	68.2	67.8	10.3	8.5	8.6
Charleston	129.6	129.8	129.4	9.9	7.8	8.2	7.7	6.0	6.3
Huntington-Ashland	132.5	131.7	131.0	12.2	10.7	10.4	9.2	8.1	7.9
Parkersburg-Marietta	75.2	75.9	75.4	5.5	4.9	4.5	7.3	6.4	5.9
Wheeling	72.1	73.5	72.5	5.6	4.6	4.5	7.8	6.2	6.2
Wisconsin	2,752.4	2,876.4	2,846.5	120.7	125.8	118.3	4.4	4.4	4.2
Appleton-Oshkosh-Neenah	207.9	216.7	214.2	8.0	7.7	7.4	3.8	3.5	3.4
Eau Claire	73.1	75.2	74.4	3.6	3.2	3.1	4.9	4.3	4.1
Green Bay	117.9	126.7	125.3	4.8	4.7	4.6	3.9	3.7	3.7
Janesville-Beloit	75.1	79.4	77.0	5.0	5.2	3.7	6.6	6.5	4.7
Kenosha	70.5	72.8	71.8	3.3	4.3	3.4	4.7	5.9	4.7
La Crosse	66.0	69.8	68.5	2.7	2.9	2.4	4.2	4.1	3.4
Madison	237.6	248.2	245.7	4.8	5.2	5.1	2.0	2.1	2.1
Milwaukee-Waukesha	765.1	794.9	785.1	34.5	36.0	35.6	4.5	4.5	4.5
Racine	91.2	96.3	93.7	5.5	5.7	5.1	6.1	6.0	5.4
Sheboygan	58.6	62.6	61.0	2.1	2.3	1.9	3.6	3.6	3.1
Wausau	87.6	70.2	69.6	3.0	3.4	3.3	4.4	4.9	4.7
Wyoming	243.2	255.4	253.0	12.0	12.2	11.8	4.9	4.8	4.7
Casper	30.4	30.9	30.9	2.0	1.9	1.8	6.5	6.1	5.8

¹ 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.

^P = 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.

HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES

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

(Numbers in thousands)

Employment status, sex, and age	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
TOTAL													
Civilian noninstitutional population ¹	189,978	190,449	190,888	191,310	191,786	192,319	192,796	193,288	193,799	194,315	196,085	196,522	197,050
Civilian labor force	125,219	125,579	126,301	127,074	127,334	127,230	127,355	127,890	128,181	128,713	130,674	130,589	130,996
Percent of population	65.9	65.9	66.2	66.4	66.4	66.2	66.1	66.2	66.1	66.2	66.6	66.5	66.5
Employed	116,795	116,827	117,101	117,567	117,761	117,951	118,394	118,984	119,543	120,311	122,088	122,547	123,082
Employment-population ratio ²	61.5	61.3	61.3	61.5	61.4	61.3	61.4	61.6	61.7	61.9	62.3	62.4	62.5
Unemployed	8,424	8,752	9,200	9,507	9,573	9,279	8,961	8,906	8,638	8,402	8,586	8,043	7,914
Unemployment rate	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7	6.5	6.6	6.2	6.0
Men, 16 years and over													
Civilian noninstitutional population ¹	90,662	90,921	91,165	91,393	91,652	91,952	92,214	92,482	92,754	93,030	93,978	94,203	94,474
Civilian labor force	68,400	68,479	68,769	69,287	69,347	69,334	69,371	69,633	69,719	69,788	70,639	70,511	70,681
Percent of population	75.4	75.3	75.4	75.8	75.7	75.4	75.2	75.3	75.2	75.0	75.2	74.9	74.8
Employed	63,523	63,521	63,457	63,802	63,893	64,042	64,307	64,582	64,796	65,125	65,942	66,158	66,353
Employment-population ratio ²	70.1	69.9	69.6	69.8	69.7	69.6	69.7	69.8	69.9	70.0	70.2	70.2	70.2
Agriculture	2,583	2,519	2,484	2,527	2,567	2,548	2,497	2,435	2,399	2,439	2,571	2,542	2,516
Nonagricultural industries	60,940	61,002	60,973	61,275	61,326	61,494	61,810	62,146	62,397	62,685	63,371	63,616	63,837
Unemployed	4,877	4,958	5,312	5,485	5,454	5,292	5,064	5,052	4,923	4,663	4,697	4,354	4,327
Unemployment rate	7.1	7.2	7.7	7.9	7.9	7.6	7.3	7.3	7.1	6.7	6.6	6.2	6.1
Not in labor force	22,262	22,442	22,396	22,106	22,305	22,618	22,843	22,849	23,035	23,242	23,339	23,692	23,793
Men, 20 years and over													
Civilian noninstitutional population ¹	83,943	84,254	84,535	84,756	85,010	85,262	85,554	85,806	86,009	86,258	86,833	87,014	87,231
Civilian labor force	64,887	64,983	65,252	65,773	65,775	65,753	65,792	66,041	66,133	66,275	66,764	66,600	66,764
Percent of population	77.3	77.1	77.2	77.6	77.4	77.1	76.9	77.0	76.9	76.8	76.9	76.5	76.5
Employed	60,713	60,734	60,696	61,058	61,109	61,195	61,464	61,756	61,925	62,310	62,826	63,022	63,175
Employment-population ratio ²	72.3	72.1	71.8	72.0	71.9	71.8	71.8	72.0	72.0	72.2	72.4	72.4	72.4
Agriculture	2,389	2,352	2,328	2,365	2,379	2,341	2,295	2,246	2,231	2,286	2,349	2,365	2,311
Nonagricultural industries	58,324	58,382	58,368	58,693	58,731	58,854	59,170	59,510	59,695	60,025	60,476	60,657	60,864
Unemployed	4,174	4,249	4,556	4,715	4,666	4,558	4,328	4,285	4,208	3,965	3,939	3,578	3,588
Unemployment rate	6.4	6.5	7.0	7.2	7.1	6.9	6.6	6.5	6.4	6.0	5.9	5.4	5.4
Not in labor force	19,056	19,271	19,283	18,983	19,235	19,509	19,762	19,765	19,876	19,983	20,069	20,413	20,467
Women, 16 years and over													
Civilian noninstitutional population ¹	99,316	99,528	99,723	99,917	100,135	100,367	100,582	100,807	101,045	101,285	102,107	102,319	102,576
Civilian labor force	56,820	57,101	57,532	57,787	57,988	57,896	57,984	58,257	58,462	58,926	60,035	60,078	60,316
Percent of population	57.2	57.4	57.7	57.8	57.9	57.7	57.6	57.8	57.9	58.2	58.8	58.7	58.8
Employed	53,272	53,306	53,644	53,765	53,868	53,909	54,087	54,402	54,747	55,187	56,147	56,389	56,728
Employment-population ratio ²	53.6	53.6	53.8	53.8	53.8	53.7	53.8	54.0	54.2	54.5	55.0	55.1	55.3
Agriculture	686	690	703	693	655	646	635	623	648	638	812	834	861
Nonagricultural industries	52,586	52,616	52,941	53,073	53,214	53,263	53,452	53,779	54,100	54,549	55,335	55,555	55,867
Unemployed	3,548	3,795	3,888	4,022	4,119	3,987	3,897	3,854	3,715	3,739	3,888	3,689	3,587
Unemployment rate	6.2	6.6	6.8	7.0	7.1	6.9	6.7	6.6	6.4	6.3	6.5	6.1	5.9
Not in labor force	42,496	42,427	42,191	42,130	42,147	42,471	42,598	42,550	42,583	42,359	42,072	42,241	42,261
Women, 20 years and over													
Civilian noninstitutional population ¹	92,724	92,955	93,196	93,405	93,633	93,860	94,081	94,264	94,497	94,710	95,164	95,339	95,557
Civilian labor force	53,620	53,804	54,301	54,578	54,778	54,727	54,772	54,987	55,200	55,622	56,489	56,391	56,786
Percent of population	57.8	57.9	58.3	58.4	58.5	58.3	58.2	58.3	58.4	58.7	59.4	59.1	59.4
Employed	50,647	50,606	50,985	51,168	51,266	51,315	51,468	51,728	52,019	52,432	53,179	53,322	53,755
Employment-population ratio ²	54.6	54.4	54.7	54.8	54.8	54.7	54.7	54.9	55.0	55.4	55.9	55.9	56.3
Agriculture	646	658	659	649	606	601	595	592	609	599	761	783	818
Nonagricultural industries	50,001	49,947	50,326	50,519	50,660	50,714	50,873	51,136	51,410	51,833	52,419	52,539	52,938
Unemployed	2,973	3,199	3,316	3,410	3,512	3,412	3,304	3,259	3,181	3,190	3,309	3,069	3,030
Unemployment rate	5.5	5.9	6.1	6.2	6.4	6.2	6.0	5.9	5.8	5.7	5.9	5.4	5.3
Not in labor force	39,104	39,151	38,895	38,827	38,855	39,133	39,309	39,277	39,297	39,088	38,676	38,949	38,771
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,312	13,239	13,157	13,149	13,144	13,196	13,160	13,218	13,293	13,347	14,088	14,169	14,262
Civilian labor force	6,712	6,792	6,747	6,723	6,781	6,749	6,791	6,862	6,848	6,816	7,421	7,598	7,447
Percent of population	50.4	51.3	51.3	51.1	51.6	51.1	51.6	51.9	51.5	51.1	52.7	53.6	52.2
Employed	5,435	5,487	5,420	5,341	5,386	5,441	5,462	5,500	5,599	5,569	6,083	6,203	6,151
Employment-population ratio ²	40.8	41.4	41.2	40.6	41.0	41.2	41.5	41.6	42.1	41.7	43.2	43.8	43.1
Agriculture	233	198	200	206	237	252	243	220	208	192	273	228	248
Nonagricultural industries	5,202	5,289	5,220	5,135	5,149	5,189	5,219	5,280	5,391	5,376	5,811	5,975	5,903
Unemployed	1,277	1,305	1,327	1,382	1,395	1,309	1,329	1,362	1,249	1,248	1,338	1,396	1,296
Unemployment rate	19.0	19.2	19.7	20.6	20.6	19.4	19.6	19.8	18.2	18.3	18.0	18.4	17.4
Not in labor force	6,600	6,447	6,410	6,426	6,363	6,447	6,369	6,356	6,445	6,531	6,667	6,571	6,816

¹ The population figures are not adjusted for seasonal variation.

² Employment as a percent of the civilian noninstitutional population.

NOTE: Detail for the seasonally adjusted data shown in tables D-1 through D-10 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
QUARTERLY AVERAGES**

D-2. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
WHITE													
Civilian noninstitutional population ¹	161,646	161,947	162,223	162,486	162,788	163,135	163,438	163,751	164,078	164,415	165,093	165,361	165,701
Civilian labor force	107,399	107,693	108,149	108,565	108,706	108,689	108,816	109,133	109,510	109,943	110,789	110,609	111,142
Percent of population	66.4	66.5	66.7	66.8	66.8	66.6	66.6	66.6	66.7	66.9	67.1	66.9	67.1
Employed	100,919	101,000	101,185	101,450	101,515	101,761	102,119	102,508	103,036	103,581	104,446	104,681	105,329
Employment-population ratio ²	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.6	62.8	63.0	63.3	63.3	63.6
Unemployed	6,480	6,692	6,964	7,116	7,191	6,927	6,697	6,625	6,474	6,362	6,343	5,929	5,813
Unemployment rate	6.0	6.2	6.4	6.6	6.6	6.4	6.2	6.1	5.9	5.8	5.7	5.4	5.2
Men, 20 years and over													
Civilian labor force	56,308	56,335	56,540	56,900	56,912	56,895	56,960	57,059	57,143	57,264	57,349	57,097	57,354
Percent of population	77.8	77.6	77.7	78.0	77.8	77.6	77.5	77.5	77.4	77.4	77.4	76.9	77.1
Employed	52,995	52,986	53,003	53,247	53,320	53,400	53,625	53,798	53,925	54,235	54,355	54,372	54,687
Employment-population ratio ²	73.2	73.0	72.8	73.0	72.9	72.8	73.0	73.1	73.1	73.3	73.4	73.3	73.5
Unemployed	3,313	3,349	3,537	3,653	3,592	3,495	3,335	3,261	3,218	3,029	2,994	2,725	2,667
Unemployment rate	5.9	5.9	6.3	6.4	6.3	6.1	5.9	5.7	5.6	5.3	5.2	4.8	4.6
Women, 20 years and over													
Civilian labor force	45,282	45,477	45,832	45,950	46,041	46,063	46,083	46,264	46,525	46,783	47,130	47,037	47,495
Percent of population	57.6	57.7	58.1	58.1	58.1	58.1	58.0	58.1	58.4	58.6	59.1	58.9	59.3
Employed	43,074	43,133	43,399	43,492	43,445	43,565	43,673	43,863	44,188	44,390	44,786	44,850	45,268
Employment-population ratio ²	54.8	54.8	55.0	55.0	54.9	54.9	55.0	55.1	55.4	55.6	56.1	56.1	56.6
Unemployed	2,208	2,344	2,433	2,458	2,597	2,498	2,409	2,400	2,338	2,394	2,344	2,187	2,227
Unemployment rate	4.9	5.2	5.3	5.3	5.6	5.4	5.2	5.2	5.0	5.1	5.0	4.6	4.7
Both sexes, 16 to 19 years													
Civilian labor force	5,809	5,881	5,776	5,715	5,753	5,731	5,773	5,810	5,842	5,895	6,310	6,476	6,293
Percent of population	54.6	55.5	54.8	54.5	54.9	54.5	54.8	55.0	55.1	55.4	56.3	57.6	55.7
Employed	4,850	4,881	4,782	4,711	4,750	4,796	4,820	4,846	4,924	4,956	5,305	5,459	5,374
Employment-population ratio ²	45.6	46.1	45.3	44.9	45.3	45.6	45.8	45.9	46.5	46.6	47.4	48.5	47.6
Unemployed	959	1,000	994	1,005	1,002	935	953	963	918	940	1,005	1,017	919
Unemployment rate	16.5	17.0	17.2	17.6	17.4	16.3	16.5	16.6	15.7	15.9	15.9	15.7	14.6
Men	17.6	17.8	18.9	18.9	18.9	16.9	17.6	18.1	17.4	17.5	17.3	17.0	15.9
Women	15.3	16.1	15.4	16.1	15.8	15.6	15.3	15.0	13.9	14.3	14.4	14.3	13.2
BLACK													
Civilian noninstitutional population ¹	21,656	21,744	21,828	21,909	21,997	22,096	22,186	22,281	22,376	22,474	22,749	22,826	22,918
Civilian labor force	13,536	13,548	13,737	13,873	14,017	13,931	13,898	13,911	13,947	14,004	14,476	14,507	14,404
Percent of population	62.5	62.3	62.9	63.3	63.7	63.0	62.6	62.4	62.3	62.3	63.6	63.6	62.9
Employed	11,866	11,813	11,834	11,894	12,034	11,963	12,004	12,060	12,187	12,329	12,618	12,837	12,799
Employment-population ratio ²	54.9	54.3	54.2	54.3	54.7	54.1	54.1	54.1	54.5	54.9	55.5	56.2	55.8
Unemployed	1,650	1,735	1,903	1,979	1,983	1,968	1,894	1,851	1,760	1,676	1,858	1,670	1,605
Unemployment rate	12.2	12.8	13.9	14.3	14.1	14.1	13.6	13.3	12.6	12.0	12.8	11.5	11.1
Men, 20 years and over													
Civilian labor force	6,359	6,382	6,434	6,475	6,494	6,485	6,503	6,465	6,523	6,493	6,631	6,639	6,568
Percent of population	73.1	72.9	73.2	73.3	73.2	72.7	72.5	71.7	72.1	71.4	72.7	72.6	71.5
Employed	5,633	5,655	5,565	5,609	5,614	5,619	5,676	5,657	5,741	5,761	5,864	5,985	5,891
Employment-population ratio ²	64.8	64.6	63.3	63.5	63.2	63.0	63.3	62.8	63.4	63.4	64.3	65.4	64.2
Unemployed	726	727	869	866	880	866	826	808	782	733	767	654	677
Unemployment rate	11.4	11.4	13.5	13.4	13.6	13.3	12.7	12.5	12.0	11.3	11.6	9.9	10.3
Women, 20 years and over													
Civilian labor force	6,459	6,438	6,516	6,627	6,720	6,657	6,607	6,651	6,645	6,766	7,009	7,031	6,982
Percent of population	59.5	59.0	59.5	60.2	60.8	60.0	59.3	59.5	59.2	60.1	61.3	61.3	60.6
Employed	5,806	5,699	5,773	5,826	5,945	5,877	5,856	5,943	5,942	6,104	6,199	6,332	6,355
Employment-population ratio ²	53.4	52.2	52.7	53.0	53.8	53.0	52.6	53.2	53.0	54.2	54.2	55.2	55.2
Unemployed	653	739	743	801	775	781	751	708	703	662	810	699	627
Unemployment rate	10.1	11.5	11.4	12.1	11.5	11.7	11.4	10.6	10.6	9.8	11.6	9.9	9.0

See footnotes at end of table.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

D-2. Employment status of the civilian noninstitutional population by race, sex, age, and Hispanic origin, seasonally adjusted—Continued

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	718	728	787	771	803	789	788	795	779	745	836	837	854
Percent of population	34.3	35.0	37.9	37.2	38.8	38.0	37.8	38.1	37.0	35.2	38.1	38.0	38.4
Employed	447	459	496	459	475	467	472	460	504	464	555	520	553
Employment-population ratio ²	21.3	22.1	23.9	22.1	22.9	22.5	22.6	22.0	23.9	21.9	25.3	23.6	24.9
Unemployed	271	269	291	313	328	322	316	335	276	281	281	317	301
Unemployment rate	37.8	36.9	36.9	40.5	40.8	40.8	40.1	42.1	35.4	37.8	33.6	37.8	35.3
Men	37.1	36.0	38.1	44.1	43.5	42.7	41.1	42.1	37.5	39.5	38.5	41.2	38.3
Women	38.5	38.0	35.6	36.8	37.9	38.6	39.0	42.2	33.0	36.0	28.6	34.2	31.9
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	14,829	14,948	15,066	15,184	15,303	15,421	15,542	15,682	15,824	15,966	17,895	18,042	18,193
Civilian labor force	9,834	9,875	10,021	10,105	10,184	10,219	10,270	10,255	10,380	10,595	11,817	11,886	11,976
Percent of population	66.3	66.1	66.5	66.6	66.5	66.3	66.1	65.4	65.6	66.4	66.0	65.9	65.8
Employed	8,827	8,864	8,902	8,959	8,988	9,035	9,110	9,200	9,318	9,458	10,608	10,677	10,755
Employment-population ratio ²	59.5	59.3	59.1	59.0	58.7	58.6	58.6	58.7	58.9	59.2	59.3	59.2	59.1
Unemployed	1,007	1,011	1,119	1,146	1,196	1,184	1,160	1,054	1,061	1,138	1,209	1,210	1,221
Unemployment rate	10.2	10.2	11.2	11.3	11.7	11.6	11.3	10.3	10.2	10.7	10.2	10.2	10.2

¹ The population figures are not adjusted for seasonal variation.

² 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
QUARTERLY AVERAGES**

D-3. 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	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
EMPLOYED													
Full-time workers	96,528	96,353	96,624	97,105	97,077	97,273	97,718	98,131	98,588	99,304	98,334	99,452	100,230
Men, 16 years and over	56,806	56,770	56,662	57,015	56,859	57,056	57,323	57,444	57,725	58,085	58,027	58,651	58,961
Men, 20 years and over	55,822	55,704	55,592	56,014	55,895	56,006	56,286	56,446	56,684	56,986	56,993	57,548	57,769
Women, 16 years and over	39,630	39,662	40,033	40,062	40,149	40,283	40,444	40,657	40,835	41,252	40,325	40,775	41,297
Women, 20 years and over	38,892	38,924	39,295	39,372	39,420	39,556	39,732	39,907	40,075	40,492	39,541	40,007	40,598
Both sexes, 16 to 19 years	1,815	1,725	1,737	1,719	1,763	1,711	1,701	1,777	1,829	1,826	1,800	1,897	1,863
Part-time workers	20,379	20,423	20,429	20,435	20,794	20,625	20,628	20,823	21,011	21,006	23,704	23,079	22,920
Men, 16 years and over	6,736	6,782	6,820	6,737	7,051	7,015	6,976	7,080	7,080	7,087	7,892	7,460	7,428
Men, 20 years and over	4,920	5,013	5,104	5,029	5,260	5,174	5,177	5,295	5,267	5,314	5,829	5,476	5,427
Women, 16 years and over	13,654	13,654	13,608	13,683	13,730	13,631	13,653	13,723	13,916	13,947	15,816	15,601	15,460
Women, 20 years and over	11,735	11,695	11,702	11,798	11,813	11,771	11,761	11,822	11,903	11,955	13,633	13,344	13,171
Both sexes, 16 to 19 years	3,725	3,715	3,623	3,608	3,721	3,680	3,690	3,706	3,841	3,737	4,242	4,258	4,322
UNEMPLOYED													
Looking for full-time work	6,952	7,212	7,624	7,859	7,904	7,610	7,337	7,271	7,101	6,837	7,041	6,522	6,452
Men, 16 years and over	4,229	4,325	4,793	4,786	4,679	4,555	4,479	4,342	4,255	4,045	4,026	3,723	3,738
Men, 20 years and over	3,904	3,966	4,291	4,436	4,385	4,261	4,064	4,002	3,938	3,700	3,657	3,319	3,315
Women, 16 years and over	2,691	2,861	2,957	3,035	3,194	3,003	2,929	2,906	2,846	2,794	3,002	2,788	2,756
Women, 20 years and over	2,418	2,628	2,728	2,764	2,898	2,778	2,682	2,649	2,590	2,567	2,765	2,498	2,480
Both sexes, 16 to 19 years	630	619	605	659	621	572	591	620	574	570	620	705	657
Looking for part-time work	1,490	1,534	1,576	1,631	1,683	1,671	1,627	1,621	1,542	1,559	1,555	1,512	1,474
Men, 16 years and over	605	611	663	659	705	697	666	686	644	625	675	626	616
Men, 20 years and over	277	273	271	267	290	290	269	274	273	261	290	253	283
Women, 16 years and over	886	926	920	959	980	973	962	926	896	947	879	884	841
Women, 20 years and over	561	574	586	638	620	645	620	601	599	623	545	563	547
Both sexes, 16 to 19 years	652	686	718	726	773	736	737	746	670	675	720	696	643
UNEMPLOYMENT RATES¹													
Full-time workers	6.7	7.0	7.3	7.5	7.5	7.3	7.0	6.9	6.7	6.4	6.7	6.2	6.0
Men, 16 years and over	6.9	7.1	7.8	7.7	7.6	7.4	7.2	7.0	6.9	6.5	6.5	6.0	6.0
Men, 20 years and over	6.5	6.6	7.2	7.3	7.3	7.1	6.7	6.6	6.5	6.1	6.0	5.5	5.4
Women, 16 years and over	6.4	6.7	6.9	7.0	7.4	6.9	6.8	6.7	6.5	6.3	6.9	6.4	6.3
Women, 20 years and over	5.9	6.3	6.5	6.6	6.8	6.6	6.3	6.2	6.1	6.0	6.5	5.9	5.8
Both sexes, 16 to 19 years	25.8	26.4	25.8	27.7	26.0	25.0	25.8	25.9	23.9	23.8	25.6	27.1	26.1
Part-time workers	6.8	7.0	7.2	7.4	7.5	7.5	7.3	7.2	6.8	6.9	6.2	6.1	6.0
Men, 16 years and over	8.2	8.3	8.9	8.9	9.1	9.0	8.7	8.8	8.3	8.1	7.9	7.7	7.7
Men, 20 years and over	5.3	5.2	5.0	5.0	5.2	5.3	4.9	4.9	4.9	4.7	4.7	4.4	5.0
Women, 16 years and over	6.1	6.4	6.3	6.5	6.7	6.7	6.6	6.3	6.1	6.4	5.3	5.4	5.2
Women, 20 years and over	4.6	4.7	4.8	5.1	5.0	5.2	5.0	4.8	4.8	5.0	3.8	4.0	4.0
Both sexes, 16 to 19 years	14.9	15.6	16.5	16.8	17.2	16.7	16.6	16.8	14.9	15.3	14.5	14.1	13.0

¹ 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
QUARTERLY AVERAGES**

D-4. Employed persons by marital status, occupation, class of worker, and part-time status, seasonally adjusted

(In thousands)

Category	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
MARITAL STATUS													
Total	116,795	116,827	117,101	117,567	117,761	117,951	118,394	118,984	119,543	120,311	122,088	122,547	123,082
Married men, spouse present	40,501	40,389	40,072	40,290	40,313	40,536	40,792	40,983	40,832	40,870	41,381	41,345	41,425
Married women, spouse present	29,890	29,846	29,910	30,175	30,244	30,219	30,428	30,309	30,456	30,855	31,533	31,241	31,638
Women who maintain families	6,475	6,511	6,576	6,555	6,585	6,615	6,671	6,833	6,826	6,727	7,100	7,088	6,987
OCCUPATION													
Managerial and professional specialty	30,977	31,321	30,974	31,040	31,132	31,461	31,963	31,979	32,461	32,713	33,094	33,806	34,031
Technical, sales, and administrative support	36,013	35,978	36,789	36,942	36,638	36,683	36,524	36,711	36,968	37,061	37,221	36,744	37,421
Service occupations	16,102	16,100	16,080	16,038	16,157	16,115	16,400	16,523	16,494	16,674	16,998	17,023	16,793
Precision production, craft, and repair	13,009	12,985	12,956	13,072	13,234	13,219	13,004	13,281	13,498	13,491	13,563	13,374	13,412
Operators, fabricators, and laborers	17,286	17,064	16,920	16,949	16,982	16,977	17,153	17,048	16,906	17,054	17,637	17,923	17,915
Farming, forestry, and fishing	3,474	3,404	3,423	3,403	3,488	3,503	3,374	3,319	3,289	3,334	3,647	3,568	3,598
CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,699	1,653	1,681	1,718	1,706	1,668	1,620	1,612	1,620	1,700	1,679	1,693	1,692
Self-employed workers	1,459	1,449	1,416	1,389	1,403	1,388	1,382	1,345	1,318	1,285	1,628	1,649	1,630
Unpaid family workers	116	114	96	112	110	130	127	107	98	93	58	43	54
Nonagricultural industries:													
Wage and salary workers	104,464	104,444	105,102	105,547	105,678	105,829	106,172	106,624	107,253	107,983	109,479	110,015	110,545
Private industries	86,605	86,497	87,321	87,615	87,304	87,571	87,687	88,073	88,763	89,492	91,214	91,619	92,288
Private households	1,028	983	1,078	1,114	1,159	1,104	1,095	1,087	1,111	1,129	1,012	1,001	883
Other industries	85,577	85,514	86,243	86,501	86,145	86,466	86,592	86,986	87,652	88,364	90,202	90,617	91,405
Government	17,859	17,947	17,782	17,932	18,374	18,259	18,485	18,551	18,490	18,491	18,265	18,396	18,256
Self-employed workers	8,877	8,888	8,620	8,528	8,648	8,683	8,896	9,084	9,023	9,008	9,149	9,022	8,999
Unpaid family workers	213	231	228	251	235	212	224	193	233	223	134	135	138
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	6,081	6,359	6,527	6,300	6,273	6,447	6,322	6,443	6,438	6,182	4,934	4,807	4,323
Slack work or business conditions	3,176	3,314	3,258	3,231	3,205	3,172	3,101	3,236	3,156	3,069	2,467	2,490	2,409
Could only find part-time work	2,604	2,723	2,930	2,793	2,795	2,978	2,905	2,931	2,953	2,837	2,112	2,036	1,625
Part time for noneconomic reasons	14,991	14,896	14,624	14,827	14,906	14,816	14,843	15,006	15,173	15,288	17,646	17,252	17,943
Nonagricultural industries:													
Part time for economic reasons	5,793	6,099	6,235	6,020	6,027	6,187	6,081	6,200	6,201	5,932	4,663	4,631	4,130
Slack work or business conditions	2,988	3,132	3,073	3,018	3,049	2,996	2,938	3,066	2,992	2,918	2,340	2,373	2,292
Could only find part-time work	2,518	2,649	2,850	2,719	2,721	2,903	2,842	2,846	2,889	2,744	2,036	2,002	1,586
Part time for noneconomic reasons	14,531	14,423	14,173	14,421	14,465	14,392	14,408	14,599	14,759	14,852	17,010	16,675	17,316

¹Persons 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
QUARTERLY AVERAGES**

D-5. Employed persons by age and sex, seasonally adjusted

(In thousands)

Age and sex	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	116,795	116,827	117,101	117,567	117,761	117,951	118,394	118,984	119,543	120,311	122,088	122,547	123,082
16 to 24 years	17,601	17,648	17,563	17,491	17,561	17,595	17,629	17,669	17,706	17,673	18,753	18,999	18,836
16 to 19 years	5,435	5,487	5,420	5,341	5,386	5,441	5,462	5,500	5,599	5,569	6,083	6,203	6,151
16 to 17 years	2,044	2,091	2,037	2,037	2,074	2,050	2,079	2,111	2,177	2,199	2,383	2,482	2,547
18 to 19 years	3,407	3,404	3,392	3,294	3,322	3,386	3,372	3,384	3,416	3,377	3,679	3,710	3,608
20 to 24 years	12,166	12,161	12,143	12,150	12,175	12,155	12,167	12,169	12,107	12,105	12,669	12,797	12,685
25 years and over	99,205	99,178	99,547	100,062	100,200	100,364	100,770	101,301	101,838	102,650	103,356	103,567	104,249
25 to 54 years	84,530	84,635	84,789	85,322	85,541	85,734	86,093	86,556	87,142	87,881	88,547	88,707	89,388
55 years and over	14,684	14,572	14,781	14,701	14,653	14,666	14,702	14,898	14,676	14,808	14,837	14,811	14,852
Men, 16 years and over	63,523	63,521	63,457	63,802	63,893	64,042	64,307	64,582	64,796	65,125	65,942	66,158	66,353
16 to 24 years	9,212	9,160	9,047	9,082	9,183	9,242	9,243	9,157	9,209	9,172	9,601	9,913	9,911
16 to 19 years	2,810	2,787	2,761	2,744	2,784	2,847	2,843	2,826	2,871	2,814	3,116	3,136	3,178
16 to 17 years	1,053	1,056	1,028	1,037	1,068	1,078	1,085	1,087	1,121	1,130	1,207	1,252	1,312
18 to 19 years	1,766	1,738	1,746	1,700	1,718	1,769	1,751	1,736	1,739	1,692	1,896	1,877	1,866
20 to 24 years	6,402	6,373	6,286	6,338	6,399	6,395	6,400	6,331	6,338	6,357	6,685	6,778	6,733
25 years and over	54,317	54,365	54,411	54,705	54,715	54,806	55,067	55,410	55,595	55,961	56,161	56,248	56,429
25 to 54 years	46,029	46,101	46,041	46,305	46,451	46,553	46,761	47,113	47,358	47,716	48,020	48,118	48,203
55 years and over	8,292	8,282	8,362	8,372	8,262	8,277	8,320	8,268	8,225	8,271	8,162	8,104	8,205
Women, 16 years and over	53,272	53,306	53,644	53,765	53,868	53,909	54,087	54,402	54,747	55,187	56,147	56,389	56,728
16 to 24 years	8,388	8,489	8,516	8,409	8,378	8,353	8,388	8,512	8,498	8,502	8,951	9,086	8,925
16 to 19 years	2,625	2,700	2,659	2,597	2,603	2,594	2,619	2,674	2,728	2,754	2,968	3,067	2,973
16 to 17 years	991	1,035	1,009	1,000	1,007	974	994	1,025	1,056	1,068	1,176	1,231	1,236
18 to 19 years	1,642	1,666	1,646	1,594	1,604	1,617	1,621	1,648	1,677	1,685	1,783	1,833	1,743
20 to 24 years	5,763	5,788	5,857	5,812	5,776	5,759	5,767	5,838	5,769	5,747	5,984	6,019	5,952
25 years and over	44,888	44,813	45,138	45,357	45,486	45,557	45,703	45,892	46,242	46,690	47,195	47,319	47,820
25 to 54 years	38,500	38,534	38,748	39,016	39,090	39,181	39,333	39,443	39,784	40,166	40,527	40,589	41,185
55 years and over	6,392	6,291	6,379	6,330	6,391	6,390	6,382	6,430	6,452	6,537	6,676	6,707	6,646

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*.

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

(In thousands)

Age and sex	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	8,424	8,752	9,200	9,507	9,573	9,279	8,961	8,906	8,638	8,402	8,586	8,043	7,914
16 to 24 years	2,773	2,870	2,859	2,919	2,977	2,833	2,828	2,827	2,651	2,555	2,843	2,750	2,679
16 to 19 years	1,277	1,305	1,327	1,382	1,395	1,309	1,329	1,362	1,249	1,248	1,338	1,396	1,296
16 to 17 years	573	593	580	642	630	599	623	605	539	553	632	684	628
18 to 19 years	701	717	738	751	758	714	697	767	702	700	698	724	665
20 to 24 years	1,495	1,565	1,532	1,537	1,582	1,524	1,499	1,465	1,401	1,307	1,505	1,354	1,383
25 years and over	5,651	5,884	6,352	6,586	6,600	6,431	6,145	6,073	5,987	5,838	5,758	5,285	5,239
25 to 54 years	5,064	5,281	5,663	5,784	5,823	5,745	5,465	5,397	5,313	5,200	5,058	4,630	4,600
55 years and over	590	614	684	767	786	717	670	648	678	668	698	629	630
Men, 16 years and over	4,877	4,958	5,312	5,485	5,454	5,292	5,064	5,052	4,923	4,663	4,697	4,354	4,327
16 to 24 years	1,583	1,582	1,659	1,659	1,655	1,608	1,578	1,605	1,522	1,434	1,586	1,532	1,510
16 to 19 years	703	709	756	770	788	733	736	767	715	698	759	775	739
16 to 17 years	309	304	324	358	350	332	347	350	307	304	355	384	336
18 to 19 years	391	404	428	423	432	402	384	427	402	394	400	402	399
20 to 24 years	880	873	903	889	867	875	842	838	806	736	828	756	771
25 years and over	3,283	3,368	3,671	3,820	3,792	3,678	3,501	3,437	3,397	3,226	3,124	2,812	2,826
25 to 54 years	2,905	3,018	3,234	3,313	3,332	3,252	3,090	3,028	2,966	2,830	2,731	2,439	2,443
55 years and over	379	370	435	486	466	441	409	394	432	406	398	360	370
Women, 16 years and over	3,548	3,795	3,888	4,022	4,119	3,987	3,897	3,854	3,715	3,739	3,888	3,689	3,587
16 to 24 years	1,190	1,288	1,201	1,260	1,321	1,225	1,250	1,222	1,129	1,121	1,257	1,218	1,169
16 to 19 years	575	596	572	612	607	575	593	595	534	549	579	620	557
16 to 17 years	264	288	256	284	280	268	276	255	232	249	278	299	292
18 to 19 years	310	313	311	328	326	312	312	340	300	306	298	321	266
20 to 24 years	615	692	629	649	714	649	658	627	595	571	678	598	613
25 years and over	2,368	2,496	2,681	2,766	2,808	2,753	2,644	2,635	2,589	2,612	2,634	2,473	2,413
25 to 54 years	2,159	2,263	2,429	2,471	2,491	2,493	2,375	2,369	2,347	2,370	2,327	2,191	2,157
55 years and over	211	244	248	281	319	277	262	254	246	262	300	269	261

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
QUARTERLY AVERAGES**

D-7. Unemployment rates by age and sex, seasonally adjusted

Age and sex	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
Total, 16 years and over	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7	6.5	6.6	6.2	6.0
16 to 24 years	13.6	14.0	14.0	14.3	14.5	13.9	13.8	13.8	13.0	12.6	13.2	12.6	12.5
16 to 19 years	19.0	19.2	19.7	20.6	20.6	19.4	19.6	19.8	18.2	18.3	18.0	18.4	17.4
16 to 17 years	21.9	22.1	22.2	24.0	23.3	22.6	23.1	22.3	19.8	20.1	21.0	21.6	19.8
16 to 19 years	17.1	17.4	17.9	18.6	18.6	17.4	17.1	18.5	17.1	17.2	15.9	16.3	15.6
20 to 24 years	10.9	11.4	11.2	11.2	11.5	11.1	11.0	10.7	10.4	9.7	10.6	9.6	9.8
25 years and over	5.4	5.6	6.0	6.2	6.2	6.0	5.7	5.7	5.6	5.4	5.3	4.9	4.8
25 to 54 years	5.7	5.9	6.3	6.3	6.4	6.3	6.0	5.9	5.7	5.6	5.4	5.0	4.9
55 years and over	3.9	4.0	4.4	5.0	5.1	4.7	4.4	4.2	4.4	4.3	4.5	4.1	4.1
Men, 16 years and over	7.1	7.2	7.7	7.9	7.9	7.6	7.3	7.3	7.1	6.7	6.6	6.2	6.1
16 to 24 years	14.7	14.7	15.5	15.4	15.3	14.8	14.6	14.9	14.2	13.5	13.9	13.4	13.2
16 to 19 years	20.0	20.3	21.5	21.9	22.1	20.5	20.6	21.3	19.9	19.9	19.6	19.8	18.9
16 to 17 years	22.7	22.4	23.9	25.7	24.7	23.6	24.2	24.4	21.5	21.2	22.7	23.5	20.4
18 to 19 years	18.1	18.9	19.7	19.9	20.1	18.5	18.0	19.7	18.8	18.9	17.4	17.7	17.6
20 to 24 years	12.1	12.0	12.6	12.3	11.9	12.0	11.6	11.7	11.3	10.4	11.0	10.0	10.3
25 years and over	5.7	5.8	6.3	6.5	6.5	6.3	6.0	5.8	5.8	5.5	5.3	4.8	4.8
25 to 54 years	5.9	6.1	6.6	6.7	6.7	6.5	6.2	6.0	5.9	5.6	5.4	4.8	4.8
55 years and over	4.4	4.3	4.9	5.5	5.3	5.1	4.7	4.5	5.0	4.7	4.6	4.3	4.3
Women, 16 years and over	6.2	6.6	6.8	7.0	7.1	6.9	6.7	6.6	6.4	6.3	6.5	6.1	5.9
16 to 24 years	12.4	13.2	12.4	13.0	13.6	12.8	13.0	12.6	11.7	11.6	12.3	11.8	11.6
16 to 19 years	18.0	18.1	17.7	19.1	18.9	18.2	18.5	18.2	16.4	16.6	16.3	16.8	15.8
16 to 17 years	21.1	21.8	20.2	22.1	21.8	21.6	21.7	19.9	18.0	18.9	19.1	19.6	19.1
18 to 19 years	15.9	15.8	15.9	17.1	16.9	16.2	16.2	17.1	15.2	15.4	14.3	14.9	13.2
20 to 24 years	9.6	10.7	9.7	10.0	11.0	10.1	10.2	9.7	9.3	9.0	10.2	9.0	9.3
25 years and over	5.0	5.3	5.6	5.7	5.8	5.7	5.5	5.4	5.3	5.3	5.3	5.0	4.8
25 to 54 years	5.3	5.5	5.9	6.0	6.0	6.0	5.7	5.7	5.6	5.6	5.4	5.1	5.0
55 years and over	3.2	3.7	3.7	4.3	4.8	4.2	3.9	3.8	3.7	3.9	4.3	3.9	3.8

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
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

D-8. Unemployment rates by occupation, industry, and selected demographic characteristics, seasonally adjusted

Category	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
CHARACTERISTIC													
Total	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7	6.5	6.6	6.2	6.0
Men, 20 years and over	6.4	6.5	7.0	7.2	7.1	6.9	6.6	6.5	6.4	6.0	5.9	5.4	5.4
Women, 20 years and over	5.5	5.9	6.1	6.2	6.4	6.2	6.0	5.9	5.8	5.7	5.9	5.4	5.3
Both sexes, 16 to 19 years	19.0	19.2	19.7	20.6	20.6	19.4	19.6	19.8	18.2	18.3	18.0	18.4	17.4
White	6.0	6.2	6.4	6.6	6.6	6.4	6.2	6.1	5.9	5.8	5.7	5.4	5.2
Black and other	10.9	11.5	12.4	12.8	12.7	12.7	12.3	12.1	11.5	11.0	11.4	10.5	10.5
Black	12.2	12.8	13.9	14.3	14.1	14.1	13.6	13.3	12.6	12.0	12.8	11.5	11.1
Hispanic origin	10.2	10.2	11.2	11.3	11.7	11.6	11.3	10.3	10.2	10.7	10.2	10.2	10.2
Married men, spouse present	4.3	4.5	4.9	5.0	5.2	4.9	4.6	4.5	4.4	4.1	4.2	3.7	3.5
Married women, spouse present	4.4	4.7	4.9	5.1	5.1	5.0	4.6	4.7	4.6	4.5	4.4	4.1	4.1
Women who maintain families	9.0	9.3	9.4	10.0	10.1	10.0	9.8	9.7	9.2	9.5	9.6	8.9	8.6
OCCUPATION¹													
Managerial and professional specialty	2.9	2.9	3.0	3.1	3.3	3.2	3.3	3.0	2.7	2.9	2.8	2.6	2.6
Technical, sales, and administrative support	5.0	5.3	5.7	5.8	5.9	5.8	5.4	5.5	5.3	5.2	5.5	5.2	4.8
Precision production, craft, and repair	8.3	8.3	9.3	8.7	8.6	8.6	8.1	8.3	7.9	7.3	7.0	6.4	6.0
Operators, fabricators, and laborers	10.2	10.4	11.2	11.2	11.1	10.6	10.1	9.9	10.2	9.4	9.4	9.0	9.0
Farming, forestry, and fishing	7.6	7.8	7.6	8.0	8.6	8.4	8.5	8.0	7.8	8.2	9.2	7.5	8.8
INDUSTRY													
Nonagricultural private wage and salary workers	7.0	7.3	7.6	7.7	7.8	7.6	7.3	7.2	7.0	6.8	6.9	6.3	6.2
Goods-producing industries	8.8	9.2	9.6	9.8	9.8	9.5	8.9	9.0	9.0	8.1	7.7	7.0	6.7
Mining	8.4	9.1	7.7	8.1	8.8	6.9	6.8	8.5	6.9	6.9	4.9	6.9	5.6
Construction	15.5	16.5	17.5	16.8	16.5	15.5	14.8	15.0	14.9	12.9	13.6	12.0	10.7
Manufacturing	6.9	7.2	7.5	7.8	7.9	7.9	7.3	7.2	7.3	6.7	6.1	5.5	5.5
Durable goods	7.1	7.1	7.6	7.8	8.2	8.3	7.2	7.2	7.2	6.6	5.5	5.3	5.5
Nondurable goods	6.7	7.3	7.3	7.8	7.6	7.3	7.5	7.2	7.5	6.9	7.0	5.9	5.5
Service-producing industries	6.2	6.4	6.8	6.9	7.0	6.8	6.6	6.5	6.2	6.2	6.6	6.1	6.0
Transportation and public utilities	5.1	5.6	5.5	5.2	5.5	5.7	4.9	5.0	5.2	5.3	5.1	4.9	4.9
Wholesale and retail trade	7.7	7.8	8.4	8.4	8.7	8.0	7.9	8.0	7.5	7.7	8.0	7.3	7.3
Finance, insurance, and real estate	4.1	4.2	4.3	4.5	4.6	4.7	4.3	4.3	4.0	3.7	3.4	3.6	4.0
Services	5.8	6.0	6.4	6.6	6.4	6.7	6.4	6.0	5.9	5.9	6.5	6.0	5.7
Government workers	3.2	3.5	3.7	3.5	3.4	3.5	3.6	3.3	3.2	3.1	3.6	3.6	3.4
Agricultural wage and salary workers	11.2	11.7	11.0	12.7	13.2	12.7	12.2	11.5	11.3	11.1	13.9	9.1	11.5

¹ 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
QUARTERLY AVERAGES**

D-9. Unemployed persons by reason for unemployment, seasonally adjusted

(Numbers in thousands)

Reason	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
NUMBER OF UNEMPLOYED													
Job losers and persons who completed temporary jobs	4,639	4,814	5,203	5,425	5,350	5,211	4,863	4,820	4,812	4,555	4,221	3,662	3,762
On temporary layoff	1,173	1,205	1,267	1,253	1,268	1,190	1,083	1,114	1,162	1,080	1,096	881	955
Not on temporary layoff	3,466	3,609	3,936	4,172	4,082	4,021	3,780	3,705	3,650	3,475	3,125	2,781	2,807
Job leavers	953	962	936	999	1,019	947	972	963	908	950	841	801	799
Reentrants	2,066	2,155	2,214	2,182	2,284	2,232	2,212	2,208	2,091	2,062	2,928	2,957	2,713
New entrants	772	807	824	904	954	879	924	901	849	823	645	587	616
PERCENT DISTRIBUTION													
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	55.0	55.1	56.7	57.1	55.7	56.2	54.2	54.2	55.6	54.3	48.9	45.7	47.7
On temporary layoff	13.9	13.8	13.8	13.2	13.2	12.8	12.1	12.5	13.4	12.9	12.7	11.0	12.1
Not on temporary layoff	41.1	41.3	42.9	43.9	42.5	43.4	42.1	41.7	42.2	41.4	36.2	34.7	35.6
Job leavers	11.3	11.0	10.2	10.5	10.6	10.2	10.8	10.8	10.5	11.3	9.7	10.0	10.1
Reentrants	24.5	24.7	24.1	22.9	23.8	24.1	24.7	24.8	24.1	24.6	33.9	36.9	34.4
New entrants	9.2	9.2	9.0	9.5	9.9	9.5	10.3	10.1	9.8	9.8	7.5	7.3	7.8
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers and persons who completed temporary jobs	3.7	3.8	4.1	4.3	4.2	4.1	3.8	3.8	3.8	3.5	3.2	2.8	2.9
Job leavers .....	.8	.8	.7	.8	.8	.7	.8	.8	.7	.7	.6	.6	.6
Reentrants	1.7	1.7	1.8	1.7	1.8	1.8	1.7	1.7	1.6	1.6	2.2	2.3	2.1
New entrants .....	.6	.6	.7	.7	.7	.7	.7	.7	.7	.6	.5	.4	.5

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*.

D-10. Unemployed persons by duration of unemployment, seasonally adjusted

(Numbers in thousands)

Duration	1991		1992				1993				1994		
	III	IV	I	II	III	IV	I	II	III	IV	I	II	III
NUMBER OF UNEMPLOYED													
Less than 5 weeks	3,350	3,340	3,252	3,335	3,337	3,139	3,214	3,261	3,107	3,055	2,894	2,781	2,719
5 to 14 weeks	2,676	2,717	2,799	2,735	2,787	2,693	2,558	2,607	2,536	2,380	2,538	2,451	2,433
15 weeks and over	2,380	2,679	3,142	3,382	3,500	3,438	3,192	3,019	3,018	2,955	3,080	2,812	2,830
15 to 26 weeks	1,235	1,366	1,446	1,414	1,424	1,440	1,310	1,279	1,271	1,217	1,312	1,138	1,246
27 weeks and over	1,145	1,313	1,696	1,968	2,077	1,997	1,882	1,740	1,747	1,738	1,768	1,674	1,584
Average (mean) duration, in weeks	14.1	14.9	16.7	18.0	18.3	18.7	18.1	17.8	18.2	18.5	18.7	19.0	19.2
Median duration, in weeks	7.1	7.6	8.2	8.8	8.9	9.2	8.5	8.4	8.5	8.3	8.8	9.1	9.5
PERCENT DISTRIBUTION													
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	39.9	38.2	35.4	35.3	34.7	33.9	35.9	36.7	35.9	36.4	34.0	34.6	34.1
5 to 14 weeks	31.8	31.1	30.5	28.9	29.0	29.1	28.5	29.3	29.3	28.4	29.8	30.5	30.5
15 weeks and over	28.3	30.7	34.2	35.8	36.4	37.1	35.6	34.0	34.8	35.2	36.2	35.0	35.5
15 to 26 weeks	14.7	15.6	15.7	15.0	14.8	15.5	14.6	14.4	14.7	14.5	15.4	14.1	15.6
27 weeks and over	13.6	15.0	18.5	20.8	21.6	21.5	21.0	19.6	20.2	20.7	20.8	20.8	19.9

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
QUARTERLY AVERAGES**

D-11. Employment status of the civilian noninstitutional population by sex, age, race, and Hispanic origin

(Numbers in thousands)

Employment status, sex, and age	Total		White		Black		Hispanic origin	
	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994
TOTAL								
Civilian noninstitutional population	193,799	197,050	164,078	165,701	22,376	22,918	15,824	18,193
Civilian labor force	129,218	132,100	110,301	111,952	14,175	14,644	10,485	12,083
Percent of population	66.7	67.0	67.2	67.6	63.3	63.9	66.3	66.4
Employed	120,685	124,257	103,947	106,221	12,394	13,019	9,435	10,881
Agriculture	3,336	3,696	3,100	3,424	165	159	514	615
Nonagricultural industries	117,349	120,561	100,847	102,798	12,230	12,860	8,921	10,266
Unemployed	8,533	7,843	6,354	5,731	1,781	1,625	1,050	1,202
Unemployment rate	6.6	5.9	5.8	5.1	12.6	11.1	10.0	9.9
Not in labor force	64,581	64,950	53,778	53,749	8,201	8,275	5,339	6,110
Men, 16 years and over								
Civilian noninstitutional population	92,754	94,474	79,169	80,137	10,102	10,277	7,860	9,140
Civilian labor force	70,480	71,509	60,798	61,313	7,061	7,156	6,360	7,268
Percent of population	76.0	75.7	76.8	76.5	69.9	69.6	80.9	79.5
Employed	65,881	67,454	57,332	58,355	6,153	6,330	5,764	6,598
Agriculture	2,624	2,754	2,412	2,531	150	135	451	526
Nonagricultural industries	63,257	64,700	54,920	55,824	6,003	6,195	5,313	6,072
Unemployed	4,599	4,055	3,466	2,957	907	826	596	670
Unemployment rate	6.5	5.7	5.7	4.8	12.9	11.5	9.4	9.2
Not in labor force	22,274	22,965	18,371	18,824	3,042	3,121	1,500	1,872
Men, 20 years and over								
Civilian noninstitutional population	86,009	87,231	73,789	74,371	9,051	9,183	7,102	8,209
Civilian labor force	66,428	67,103	57,368	57,610	6,572	6,626	5,935	6,777
Percent of population	77.2	76.9	77.7	77.5	72.6	72.2	83.6	82.6
Employed	62,557	63,805	54,433	55,179	5,829	5,983	5,436	6,235
Agriculture	2,390	2,474	2,197	2,261	139	129	423	490
Nonagricultural industries	60,167	61,330	52,235	52,918	5,690	5,855	5,012	5,744
Unemployed	3,871	3,299	2,936	2,431	742	642	499	543
Unemployment rate	5.8	4.9	5.1	4.2	11.3	9.7	8.4	8.0
Not in labor force	19,581	20,128	16,420	16,760	2,480	2,557	1,167	1,432
Women, 16 years and over								
Civilian noninstitutional population	101,045	102,576	84,910	85,565	12,274	12,641	7,964	9,053
Civilian labor force	58,738	60,591	49,503	50,640	7,115	7,488	4,125	4,815
Percent of population	58.1	59.1	58.3	59.2	58.0	59.2	51.8	53.2
Employed	54,804	56,803	46,615	47,866	6,241	6,689	3,671	4,282
Agriculture	712	941	688	893	15	24	63	89
Nonagricultural industries	54,092	55,861	45,927	46,974	6,226	6,665	3,608	4,194
Unemployed	3,935	3,788	2,888	2,773	873	799	454	532
Unemployment rate	6.7	6.3	5.8	5.5	12.3	10.7	11.0	11.1
Not in labor force	42,307	41,985	35,406	34,925	5,160	5,153	3,839	4,239
Women, 20 years and over								
Civilian noninstitutional population	94,497	95,557	79,694	80,037	11,222	11,514	7,210	8,158
Civilian labor force	55,117	56,693	46,427	47,370	8,687	7,022	3,832	4,433
Percent of population	58.3	59.3	58.3	59.2	59.6	61.0	53.2	54.3
Employed	51,755	53,501	43,948	45,012	5,950	6,366	3,450	3,981
Agriculture	656	881	634	837	13	22	57	80
Nonagricultural industries	51,098	52,620	43,314	44,175	5,937	6,344	3,393	3,901
Unemployed	3,362	3,192	2,479	2,358	737	656	382	452
Unemployment rate	6.1	5.6	5.3	5.0	11.0	9.3	10.0	10.2
Not in labor force	39,380	38,864	33,267	32,667	4,534	4,492	3,377	3,725
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,293	14,262	10,595	11,294	2,104	2,221	1,512	1,827
Civilian labor force	7,673	8,303	6,505	6,972	916	996	718	872
Percent of population	57.7	58.2	61.4	61.7	43.8	44.8	47.5	47.8
Employed	6,373	6,951	5,567	6,030	615	670	549	665
Agriculture	289	340	269	325	13	8	33	45
Nonagricultural industries	6,084	6,611	5,298	5,705	602	662	516	620
Unemployed	1,300	1,352	938	942	301	326	168	208
Unemployment rate	18.9	18.3	14.4	13.5	32.9	32.7	23.5	23.8
Not in labor force	5,820	5,959	4,090	4,322	1,187	1,226	795	954

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
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES

D-12. Employment status of the Mexican, Puerto Rican, and Cuban origin population by sex and age

(Numbers in thousands)

Employment status, sex, and age	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994
TOTAL								
Civilian noninstitutional population	15,824	18,193	9,855	11,324	1,678	1,854	925	1,037
Civilian labor force	10,485	12,083	6,673	7,708	956	1,040	550	645
Percent of population	66.3	66.4	67.7	68.1	57.0	56.1	59.5	62.2
Employed	9,435	10,881	6,001	6,921	846	904	507	590
Agriculture	514	615	461	558	5	8	14	3
Nonagricultural industries	8,921	10,266	5,541	6,364	840	896	493	587
Unemployed	1,050	1,202	672	787	111	137	43	55
Unemployment rate	10.0	9.9	10.1	10.2	11.6	13.1	7.8	8.5
Not in labor force	5,339	6,110	3,182	3,615	722	813	375	392
Men, 16 years and over								
Civilian noninstitutional population	7,860	9,140	5,033	5,853	772	881	426	514
Civilian labor force	6,360	7,268	4,153	4,797	554	598	322	371
Percent of population	80.9	79.5	82.5	82.0	71.8	67.9	75.7	72.1
Employed	5,764	6,598	3,771	4,347	482	533	297	341
Agriculture	451	526	406	473	4	7	10	3
Nonagricultural industries	5,313	6,072	3,365	3,874	478	526	287	338
Unemployed	596	670	382	450	73	65	25	29
Unemployment rate	9.4	9.2	9.2	9.4	13.1	10.9	7.8	8.0
Not in labor force	1,500	1,872	881	1,056	217	283	103	143
Men, 20 years and over								
Civilian noninstitutional population	7,102	8,209	4,532	5,233	682	788	411	492
Civilian labor force	5,935	6,777	3,859	4,429	513	566	315	363
Percent of population	83.6	82.6	85.1	84.6	75.2	71.8	76.6	73.6
Employed	5,436	6,235	3,541	4,072	451	511	292	336
Agriculture	423	490	381	441	3	7	10	3
Nonagricultural industries	5,012	5,744	3,161	3,631	448	505	282	333
Unemployed	499	543	317	357	62	55	23	27
Unemployment rate	8.4	8.0	8.2	8.1	12.0	9.6	7.3	7.5
Not in labor force	1,167	1,432	673	804	169	222	96	130
Women, 16 years and over								
Civilian noninstitutional population	7,964	9,053	4,822	5,471	906	973	499	523
Civilian labor force	4,125	4,815	2,520	2,912	402	442	228	274
Percent of population	51.8	53.2	52.3	53.2	44.4	45.5	45.7	52.4
Employed	3,671	4,282	2,230	2,575	364	371	210	249
Agriculture	63	89	55	85	1	1	4	-
Nonagricultural industries	3,608	4,194	2,175	2,490	362	370	206	249
Unemployed	454	532	290	337	38	72	18	25
Unemployment rate	11.0	11.1	11.5	11.6	9.5	16.2	7.9	9.2
Not in labor force	3,839	4,239	2,302	2,559	504	531	271	249
Women, 20 years and over								
Civilian noninstitutional population	7,210	8,158	4,282	4,865	848	900	471	500
Civilian labor force	3,832	4,433	2,304	2,646	385	418	217	267
Percent of population	53.2	54.3	53.8	54.4	45.3	46.4	46.0	53.3
Employed	3,450	3,981	2,068	2,370	351	354	202	245
Agriculture	57	80	52	76	1	1	2	-
Nonagricultural industries	3,393	3,901	2,015	2,294	350	353	200	245
Unemployed	382	452	237	276	34	64	15	22
Unemployment rate	10.0	10.2	10.3	10.4	8.8	15.3	6.9	8.2
Not in labor force	3,377	3,725	1,978	2,219	464	482	254	234
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,512	1,827	1,042	1,225	148	167	43	44
Civilian labor force	718	872	510	633	59	57	18	15
Percent of population	47.5	47.8	49.0	51.7	39.9	34.3	(²)	(²)
Employed	549	665	392	479	44	39	13	10
Agriculture	33	45	28	41	1	-	2	-
Nonagricultural industries	516	620	365	438	42	38	11	10
Unemployed	168	206	118	154	16	18	5	6
Unemployment rate	23.5	23.8	23.1	24.3	(²)	(²)	(²)	(²)
Not in labor force	795	954	532	592	89	109	24	28

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

² Data not shown where base is less than 60,000.

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
QUARTERLY AVERAGES**

D-13. Employed white, black, and Hispanic-origin workers by sex, occupation, class of worker, and full- or part-time status

(In thousands)

Category	Total		White		Black		Hispanic origin	
	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994
SEX								
Total (all civilian workers)	120,685	124,257	103,947	106,221	12,394	13,019	9,435	10,881
Men	65,881	67,454	57,332	58,355	6,153	6,330	5,764	6,598
Women	54,804	56,803	46,615	47,866	6,241	6,689	3,671	4,282
OCCUPATION								
Managerial and professional specialty	32,132	33,726	28,710	29,938	2,155	2,458	1,335	1,528
Executive, administrative, and managerial	15,372	16,552	13,914	14,772	964	1,177	702	812
Professional specialty	16,760	17,174	14,795	15,166	1,191	1,281	633	716
Technical, sales, and administrative support	36,963	37,407	32,236	32,360	3,435	3,626	2,322	2,671
Technicians and related support	4,001	3,881	3,429	3,323	377	356	203	221
Sales occupations	14,419	14,888	12,971	13,341	956	1,039	851	1,010
Administrative support, including clerical	18,544	18,638	15,836	15,697	2,102	2,232	1,268	1,440
Service occupations	16,693	16,996	13,114	13,275	2,886	2,912	1,906	2,102
Private household	991	800	803	637	153	124	223	208
Protective service	2,127	2,280	1,726	1,842	351	370	129	165
Service, except private household and protective	13,575	13,916	10,585	10,796	2,382	2,419	1,553	1,729
Precision production, craft, and repair	13,833	13,747	12,417	12,195	1,030	1,071	1,252	1,372
Mechanics and repairers	4,557	4,496	4,116	-	316	-	356	-
Construction trades	5,395	5,260	4,920	-	359	-	494	-
Other precision production, craft, and repair	3,880	3,992	3,381	-	354	-	402	-
Operators, fabricators, and laborers	17,288	18,286	14,031	14,737	2,641	2,714	2,044	2,512
Machine operators, assemblers, and inspectors	7,461	7,885	5,976	6,221	1,152	1,215	982	1,165
Transportation and material moving occupations	5,085	5,170	4,268	4,290	698	724	463	534
Handlers, equipment cleaners, helpers, and laborers	4,743	5,231	3,787	4,226	791	775	598	813
Construction laborers	742	859	574	-	136	-	118	-
Other handlers, equipment cleaners, helpers, and laborers	4,001	4,373	3,212	-	654	-	481	-
Farming, forestry, and fishing	3,775	4,095	3,440	3,717	248	239	576	695
CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,810	1,889	1,645	1,683	112	119	455	574
Self-employed workers	1,415	1,748	1,346	1,683	52	40	59	41
Unpaid family workers	111	59	109	58	1	-	-	-
Nonagricultural industries:								
Wage and salary workers	108,020	111,359	92,319	94,439	11,828	12,416	8,399	9,677
Government	18,157	17,947	14,661	14,386	2,857	2,842	1,135	1,233
Private industries	89,863	93,413	77,658	80,053	8,971	9,574	7,264	8,444
Private households	1,227	972	981	758	203	165	247	231
Other industries	88,636	92,441	76,677	79,295	8,769	9,409	7,017	8,213
Self-employed workers	9,098	9,065	8,316	8,239	397	436	502	571
Unpaid family workers	230	137	212	120	5	7	20	18
FULL- OR PART-TIME STATUS								
Full-time workers	100,467	102,142	86,270	86,964	10,523	10,975	7,982	9,141
Part-time workers	20,218	22,114	17,677	19,258	1,872	2,043	1,453	1,740

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
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

D-14. Employed Mexican, Puerto Rican, and Cuban-origin workers by sex, occupation, class of worker, and full- or part-time status

(In thousands)

Category	Total Hispanic origin ¹		Mexican origin		Puerto Rican origin		Cuban origin	
	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994
SEX								
Total (all civilian workers)	9,435	10,881	6,001	6,921	846	904	507	590
Men	5,764	6,598	3,771	4,347	482	533	297	341
Women	3,671	4,282	2,230	2,575	364	371	210	249
OCCUPATION								
Managerial and professional specialty	1,335	1,528	675	773	165	174	141	156
Executive, administrative, and managerial	702	612	369	418	70	84	80	76
Professional specialty	633	716	306	355	95	90	60	80
Technical, sales, and administrative support	2,322	2,671	1,375	1,545	274	290	172	223
Technicians and related support	203	221	109	114	21	27	21	20
Sales occupations	851	1,010	497	563	78	84	68	89
Administrative support, including clerical	1,268	1,440	768	868	175	179	84	114
Service occupations	1,906	2,102	1,169	1,315	166	149	48	48
Private household	223	208	115	102	6	6	3	3
Protective service	129	165	71	93	29	34	4	9
Service, except private household and protective	1,553	1,729	982	1,120	131	109	41	36
Precision production, craft, and repair	1,252	1,372	864	914	86	88	54	69
Mechanics and repairers	356	-	220	221	26	28	17	26
Construction trades	494	-	356	381	23	24	27	22
Other precision production, craft, and repair	402	-	287	312	37	37	10	21
Operators, fabricators, and laborers	2,044	2,512	1,402	1,754	146	189	81	86
Machine operators, assemblers, and inspectors	982	1,165	651	826	81	87	33	26
Transportation and material moving occupations	463	534	293	325	40	53	33	30
Handlers, equipment cleaners, helpers, and laborers	598	813	457	602	26	49	14	30
Construction laborers	118	-	93	147	3	5	2	5
Other handlers, equipment cleaners, helpers, and laborers	481	-	364	549	22	301	13	33
Farming, forestry, and fishing	576	695	518	621	8	13	11	9
CLASS OF WORKER								
Agriculture:								
Wage and salary workers	455	574	413	529	5	6	12	2
Self-employed workers	59	41	47	29	-	2	2	1
Unpaid family workers	-	-	-	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	8,399	9,677	5,242	6,017	804	860	452	526
Government	1,135	1,233	719	790	181	160	46	59
Private industries	7,264	8,444	4,524	5,227	623	701	406	467
Private households	247	231	134	111	6	8	3	3
Other industries	7,017	8,213	4,390	5,116	617	693	403	464
Self-employed workers	502	571	281	334	35	32	41	61
Unpaid family workers	20	18	17	13	-	3	-	-
FULL- OR PART-TIME STATUS								
Full-time workers	7,982	9,141	5,049	5,803	721	775	464	503
Part time workers	1,453	1,740	952	1,119	125	129	43	87

¹ Includes persons of Central or South American origin and of other Hispanic origin, 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
QUARTERLY AVERAGES**

D-15. Employed persons by age, sex, race, and Hispanic origin

(In thousands)

Age and sex	Total		White		Black		Hispanic origin	
	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994
Total, 16 years and over	120,685	124,257	103,947	106,221	12,394	13,019	9,435	10,881
16 to 19 years	6,373	6,951	5,567	6,030	615	670	549	665
16 to 17 years	2,599	2,977	2,304	2,573	225	306	179	227
18 to 19 years	3,774	3,974	3,263	3,458	390	362	370	438
20 to 24 years	12,493	13,101	10,679	11,033	1,363	1,478	1,293	1,623
25 years and over	101,819	104,205	87,702	89,158	10,416	10,871	7,593	8,593
25 to 54 years	87,169	89,392	74,745	75,925	9,143	9,712	6,829	7,782
55 years and over	14,650	14,813	12,957	13,233	1,273	1,159	763	811
Men, 16 years and over	65,881	67,454	57,332	58,355	6,153	6,330	5,764	6,598
16 to 19 years	3,324	3,650	2,900	3,176	324	347	328	364
16 to 17 years	1,377	1,570	1,216	1,361	121	154	112	124
18 to 19 years	1,947	2,080	1,684	1,815	203	192	217	239
20 to 24 years	6,618	7,036	5,656	5,965	706	731	822	1,073
25 years and over	55,940	56,769	48,776	49,214	5,124	5,253	4,614	5,161
25 to 54 years	47,702	48,549	41,405	41,770	4,488	4,709	4,169	4,680
55 years and over	8,238	8,220	7,371	7,444	636	544	445	481
Women, 16 years and over	54,804	56,803	46,615	47,866	6,241	6,669	3,671	4,282
16 to 19 years	3,049	3,301	2,667	2,854	291	323	221	301
16 to 17 years	1,222	1,407	1,089	1,211	105	154	68	103
18 to 19 years	1,827	1,894	1,579	1,643	187	169	153	198
20 to 24 years	5,875	6,065	5,022	5,068	658	747	472	550
25 years and over	45,879	47,437	38,925	39,944	5,292	5,619	2,979	3,432
25 to 54 years	39,467	40,843	33,340	34,155	4,655	5,004	2,661	3,102
55 years and over	6,412	6,594	5,585	5,789	637	615	318	330

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*.

D-16. Unemployment rates by age, sex, race, and Hispanic origin

Age and sex	Total		White		Black		Hispanic origin	
	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994
Total, 16 years and over	6.6	5.9	5.8	5.1	12.6	11.1	10.0	9.9
16 to 19 years	16.9	16.3	14.4	13.5	32.9	32.7	23.5	23.8
16 to 17 years	18.0	18.2	15.9	15.6	33.1	31.9	29.5	31.4
18 to 19 years	16.2	14.8	13.3	11.9	32.7	33.4	20.1	19.2
20 to 24 years	10.0	9.5	8.3	7.9	21.0	18.9	12.5	12.7
25 years and over	5.4	4.7	4.8	4.1	9.7	8.1	8.4	8.1
25 to 54 years	5.6	4.8	5.0	4.2	10.0	8.2	8.3	8.2
55 years and over	4.4	4.1	4.0	3.7	7.1	6.9	9.4	7.3
Men, 16 years and over	6.5	5.7	5.7	4.8	12.9	11.5	9.4	9.2
16 to 19 years	18.0	17.2	15.5	14.2	33.8	34.6	22.8	25.9
16 to 17 years	19.0	18.3	16.9	15.6	34.1	35.9	29.3	32.3
18 to 19 years	17.2	16.2	14.4	13.2	33.6	33.5	18.9	22.1
20 to 24 years	10.3	9.3	8.6	7.9	21.1	18.5	11.1	11.4
25 years and over	5.3	4.3	4.7	3.8	9.8	8.3	7.9	7.3
25 to 54 years	5.4	4.4	4.8	3.8	10.0	8.5	7.7	7.2
55 years and over	4.7	4.1	4.2	3.7	8.0	7.2	9.7	8.4
Women, 16 years and over	6.7	6.3	5.8	5.5	12.3	10.7	11.0	11.1
16 to 19 years	15.8	15.3	13.3	12.7	31.8	30.6	24.4	21.1
16 to 17 years	16.9	17.9	14.8	15.7	32.0	27.3	29.9	30.3
18 to 19 years	15.1	13.2	12.2	10.4	31.8	33.3	21.8	15.4
20 to 24 years	9.7	9.8	8.0	7.9	21.0	19.4	14.7	15.2
25 years and over	5.6	5.1	5.0	4.6	9.6	7.8	9.2	9.3
25 to 54 years	5.9	5.2	5.2	4.7	10.1	8.0	9.2	9.7
55 years and over	4.0	4.1	3.8	3.7	6.1	6.7	8.9	5.6

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*.

D-17. Unemployed persons by reason for unemployment, race, and Hispanic origin

(Numbers in thousands)

Reasons	Total		White		Black		Hispanic origin	
	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994
NUMBER OF UNEMPLOYED								
Total unemployed	8,533	7,843	6,354	5,731	1,781	1,625	1,050	1,202
Job losers and persons who completed temporary jobs ...	4,480	3,491	3,415	2,684	882	597	594	536
On temporary layoff	983	818	800	650	158	126	85	133
Not on temporary layoff	3,497	2,672	2,614	2,034	723	471	509	403
Permanent job losers	(¹)	1,951	(¹)	1,504	(¹)	325	(¹)	299
Persons who completed temporary jobs	(¹)	721	(¹)	529	(¹)	147	(¹)	105
Job leavers	951	844	743	687	170	118	94	95
Reentrants	2,171	2,815	1,581	1,937	475	707	225	420
New entrants	931	694	615	423	254	203	137	151
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Job losers and persons who completed temporary jobs ..	52.5	44.5	53.7	46.8	49.5	36.8	56.6	44.6
On temporary layoff	11.5	10.4	12.6	11.3	8.9	7.7	8.1	11.1
Not on temporary layoff	41.0	34.1	41.1	35.5	40.6	29.0	48.4	33.6
Job leavers	11.1	10.8	11.7	12.0	9.5	7.2	9.0	7.9
Reentrants	25.4	35.9	24.9	33.8	26.7	43.5	21.4	35.0
New entrants	10.9	8.8	9.7	7.4	14.3	12.5	13.0	12.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers and persons who completed temporary jobs ..	3.5	2.6	3.1	2.4	6.2	4.1	5.7	4.4
Job leavers .....	.7	.6	.7	.6	1.2	.8	.9	.8
Reentrants	1.7	2.1	1.4	1.7	3.4	4.8	2.1	3.5
New entrants .....	.7	.5	.6	.4	1.8	1.4	1.3	1.2

¹ Not available.

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*.

D-18. Unemployed persons by duration of unemployment, race, and Hispanic origin

(Numbers in thousands)

Duration	Total		White		Black		Hispanic origin	
	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994
NUMBER OF UNEMPLOYED								
Total, 16 years and over	8,533	7,843	6,354	5,731	1,781	1,625	1,050	1,202
Less than 5 weeks	3,184	2,787	2,425	2,154	608	460	435	421
5 to 14 weeks	2,558	2,460	1,882	1,757	555	538	300	373
15 weeks and over	2,791	2,595	2,047	1,820	617	626	314	408
15 to 26 weeks	1,062	1,041	776	714	235	257	120	159
27 weeks and over	1,730	1,555	1,271	1,106	382	369	195	249
Average (mean) duration, in weeks	17.6	18.5	17.2	17.9	18.9	21.0	16.3	18.9
Median duration, in weeks	7.8	8.6	7.6	8.2	8.6	10.1	7.0	8.9
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	37.3	35.5	38.2	37.6	34.1	28.3	41.5	35.0
5 to 14 weeks	30.0	31.4	29.6	30.7	31.2	33.1	28.6	31.0
15 weeks and over	32.7	33.1	32.2	31.8	34.7	38.6	29.9	34.0
15 to 26 weeks	12.4	13.3	12.2	12.5	13.2	15.8	11.4	13.2
27 weeks and over	20.3	19.8	20.0	19.3	21.5	22.7	18.5	20.7

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
NOT SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

D-19. Median weekly earnings of full-time wage and salary workers by selected characteristics

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	III 1993	III 1994	III 1993	III 1994
SEX AND AGE				
Total, 16 years and over	86,850	89,568	\$461	\$462
Men, 16 years and over	49,552	51,526	513	512
16 to 24 years	6,330	7,175	284	290
25 years and over	43,222	44,351	563	569
Women, 16 years and over	37,299	38,043	396	399
16 to 24 years	4,932	4,885	263	274
25 years and over	32,367	33,158	421	424
RACE, HISPANIC ORIGIN, AND SEX				
White	73,677	75,387	476	481
Men	42,698	44,123	530	534
Women	30,979	31,264	401	409
Black	9,933	10,502	374	364
Men	5,056	5,313	395	388
Women	4,877	5,189	355	341
Hispanic origin	7,309	8,345	328	326
Men	4,608	5,287	341	342
Women	2,701	3,058	314	311

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. Publication of data on family relationship has been temporarily suspended due to editing and weighting problems associated

with the redesigned survey. 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
QUARTERLY AVERAGES**

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

Characteristic	Number of workers (in thousands)		Median weekly earnings	
	III 1993	III 1994	III 1993	III 1994
SEX AND AGE				
Total, 16 years and over	19,405	19,248	\$140	\$141
Men, 16 years and over	6,261	5,777	129	134
16 to 24 years	3,257	2,970	114	116
25 years and over	3,004	2,807	155	168
Women, 16 years and over	13,143	13,472	146	144
16 to 24 years	3,820	4,172	115	111
25 years and over	9,323	9,299	164	167
RACE, HISPANIC ORIGIN, AND SEX				
White	16,783	16,551	141	144
Men	5,256	4,873	127	136
Women	11,527	11,678	148	148
Black	1,945	1,925	133	123
Men	723	616	131	121
Women	1,222	1,310	134	124
Hispanic origin	1,473	1,541	134	140
Men	596	622	139	149
Women	878	919	129	134

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. Publication of data on family relationship has been temporarily suspended due to editing and weighting problems associated

with the redesigned survey. 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
QUARTERLY AVERAGES**

D-21. Median weekly earnings of full-time wage and salary workers by occupation and sex

Occupation and sex	Number of workers (in thousands)		Median weekly earnings	
	III 1993	III 1994	III 1993	III 1994
TOTAL				
Managerial and professional specialty	24,179	25,202	\$672	\$680
Executive, administrative, and managerial	11,817	12,426	654	651
Professional specialty	12,362	12,776	683	704
Technical, sales, and administrative support	26,547	26,479	419	417
Technicians and related support	3,479	3,233	521	517
Sales occupations	8,515	8,964	448	455
Administrative support, including clerical	14,553	14,282	391	388
Service occupations	9,342	9,800	289	288
Private household	402	336	186	182
Protective service	1,852	1,941	518	504
Service, except private household and protective	7,088	7,522	270	267
Precision production, craft, and repair	10,860	11,180	502	504
Mechanics and repairers	3,841	3,888	516	523
Construction trades	3,534	3,839	497	485
Other precision production, craft, and repair	3,484	3,453	494	504
Operators, fabricators, and laborers	14,416	15,322	371	374
Machine operators, assemblers, and inspectors	6,862	7,280	359	361
Transportation and material moving occupations	4,193	4,218	454	463
Handlers, equipment cleaners, helpers, and laborers	3,360	3,823	310	310
Farming, forestry, and fishing	1,506	1,586	263	281
Men				
Managerial and professional specialty	12,456	12,918	791	802
Executive, administrative, and managerial	6,586	6,906	790	792
Professional specialty	5,870	6,011	792	811
Technical, sales, and administrative support	10,184	10,252	529	522
Technicians and related support	1,806	1,680	585	588
Sales occupations	5,067	5,214	543	564
Administrative support, including clerical	3,312	3,358	492	462
Service occupations	4,604	4,889	349	332
Private household	19	11	(¹)	(¹)
Protective service	1,572	1,632	540	534
Service, except private household and protective	3,014	3,245	291	284
Precision production, craft, and repair	9,875	10,223	514	513
Mechanics and repairers	3,655	3,737	513	524
Construction trades	3,476	3,783	500	487
Other precision production, craft, and repair	2,745	2,703	539	546
Operators, fabricators, and laborers	11,123	11,832	402	404
Machine operators, assemblers, and inspectors	4,355	4,633	410	414
Transportation and material moving occupations	3,970	4,022	463	471
Handlers, equipment cleaners, helpers, and laborers	2,798	3,177	316	314
Farming, forestry, and fishing	1,309	1,412	269	294
Women				
Managerial and professional specialty	11,723	12,284	576	594
Executive, administrative, and managerial	5,231	5,519	523	550
Professional specialty	6,491	6,765	603	624
Technical, sales, and administrative support	16,363	16,227	377	376
Technicians and related support	1,674	1,553	473	472
Sales occupations	3,448	3,751	328	323
Administrative support, including clerical	11,242	10,924	374	372
Service occupations	4,738	4,911	255	258
Private household	383	325	183	183
Protective service	280	309	431	380
Service, except private household and protective	4,075	4,277	258	257
Precision production, craft, and repair	985	957	354	385
Mechanics and repairers	187	151	579	512
Construction trades	59	56	(¹)	(¹)
Other precision production, craft, and repair	739	750	320	366
Operators, fabricators, and laborers	3,292	3,490	293	300
Machine operators, assemblers, and inspectors	2,507	2,647	291	300
Transportation and material moving occupations	223	196	351	340
Handlers, equipment cleaners, helpers, and laborers	562	646	280	292
Farming, forestry, and fishing	197	174	239	226

¹ Data not shown where base is less than 100,000.

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
QUARTERLY AVERAGES**

D-22. Employment status of male Vietnam-era veterans and nonveterans by age

(Numbers in thousands)

Veteran status and age	Civilian noninstitutional population		Civilian labor force							
	III 1993	III 1994	Total		Employed		Unemployed			
			III 1993	III 1994	III 1993	III 1994	Number		Percent of labor force	
							III 1993	III 1994	III 1993	III 1994
VIETNAM-ERA VETERANS										
Total, 40 years and over	7,212	7,523	6,393	6,601	6,123	6,343	270	258	4.2	3.9
40 to 54 years	6,370	6,598	5,942	6,074	5,693	5,832	249	242	4.2	4.0
40 to 44 years	2,225	1,846	2,082	1,701	1,986	1,617	96	84	4.6	4.9
45 to 49 years	2,958	3,240	2,761	3,003	2,649	2,881	111	122	4.0	4.1
50 to 54 years	1,187	1,511	1,099	1,370	1,057	1,334	42	36	3.8	2.6
55 years and over	843	926	451	527	431	511	21	16	4.7	3.0
NONVETERANS										
Total, 40 to 54 years	15,527	16,257	14,126	14,645	13,452	14,123	674	522	4.8	3.6
40 to 44 years	6,834	7,547	6,375	7,016	6,095	6,791	280	225	4.4	3.2
45 to 49 years	4,638	4,777	4,197	4,290	3,991	4,140	206	150	4.9	3.5
50 to 54 years	4,055	3,933	3,554	3,338	3,366	3,192	187	146	5.3	4.4

NOTE: Male Vietnam-era veterans are men who served in the Armed Forces between August 5, 1964 and May 7, 1975. Nonveterans are men who have never served in the Armed Forces. Published data are limited to those 40 to 54 years of age, the group that most closely corresponds

to the bulk of the Vietnam-era veteran population. 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*.

D-23. Employment status of male Vietnam-era veterans and nonveterans by age, race, and Hispanic origin

(Numbers in thousands)

Employment status and age	Veterans						Nonveterans					
	White		Black		Hispanic origin		White		Black		Hispanic origin	
	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994	III 1993	III 1994
Total, 40 to 54 years												
Civilian noninstitutional population	5,762	5,895	504	581	195	251	13,095	13,643	1,621	1,739	1,471	1,623
Civilian labor force	5,414	5,468	438	496	175	230	12,088	12,456	1,317	1,412	1,314	1,416
Employed	5,203	5,278	404	455	171	221	11,564	12,051	1,208	1,327	1,208	1,319
Unemployed	210	191	34	41	4	9	524	406	109	84	107	97
Unemployment rate	3.9	3.5	7.8	8.2	2.3	4.0	4.3	3.3	8.3	6.0	6.1	6.6
40 to 44 years												
Civilian noninstitutional population	2,008	1,611	182	194	89	87	5,794	6,365	724	806	670	768
Civilian labor force	1,885	1,497	164	167	79	82	5,470	5,972	615	700	619	697
Employed	1,806	1,437	146	151	77	80	5,245	5,800	570	656	579	656
Unemployed	78	60	18	17	2	2	225	172	45	44	40	40
Unemployment rate	4.1	4.0	11.0	10.0	3.0	2.2	4.1	2.9	7.3	6.4	6.5	5.8
45 to 49 years												
Civilian noninstitutional population	2,677	2,925	233	272	83	126	3,899	3,975	451	512	471	520
Civilian labor force	2,527	2,732	193	233	74	119	3,584	3,633	354	400	415	456
Employed	2,430	2,630	185	216	74	112	3,432	3,512	319	381	377	430
Unemployed	97	102	9	17	-	8	152	121	36	19	39	25
Unemployment rate	3.8	3.7	4.4	7.4	-	6.3	4.2	3.3	10.1	4.8	9.3	5.5
50 to 54 years												
Civilian noninstitutional population	1,077	1,359	89	116	22	37	3,403	3,303	446	422	330	335
Civilian labor force	1,001	1,240	60	96	22	29	3,033	2,850	348	311	280	263
Employed	967	1,211	73	89	20	29	2,886	2,738	320	291	252	232
Unemployed	34	29	7	7	2	-	147	112	28	21	28	32
Unemployment rate	3.4	2.3	8.9	7.0	(¹)	(¹)	4.8	3.9	8.0	6.6	10.0	12.0

¹ Data not shown where base is less than 60,000.

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. Detail for the above race and Hispanic-origin groups will not sum to totals because data for the "other

racess" 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*.

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	1,330	33,500	1,500	6,000
Jan. 1960 to Feb. 1963	2,333	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 ³	729	57,400	2,600	11,800

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

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

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

ESTIMATING METHODS

Under the estimating methods used in the CPS, all of the results for a given month become available simultaneously and are based on returns from the entire panel of respondents. The estimation procedure involves weighting the data from each sample person by the inverse of the probability of the person being in the sample. This gives a rough measure of the number of actual persons that the sample person represents. Since 1985, almost all sample persons within the same State have the same probability of selection. Exceptions include sample persons in New York and California, where households in New York City and Los Angeles are selected with higher probability. Selection probabilities may also differ for some sample areas due to field subsampling, which is carried out when areas selected for the sample are found to contain many more households than expected. Through a series of estimation steps (outlined below), the selection probabilities are adjusted for noninterviews and survey undercoverage; data from previous months are incorporated into the estimates through the composite estimation procedure.

1. *Noninterview adjustment.* The weights for all interviewed households are adjusted to the extent needed to account for occupied sample households for which no information was obtained because of absence, impassable roads, refusals, or unavailability of the respondents for other reasons. This noninterview adjustment is made separately for clusters of similar sample areas that are usually, but not necessarily, contained within a State. Similarity of sample areas is based on Metropolitan Statistical Area (MSA) status and size. Within each cluster, there is a further breakdown by residence. Each MSA cluster is split by "central city" and "balance of the MSA." Each non-MSA cluster is split by "urban" and "rural" residence categories. The proportion of sample households not interviewed varies from 4 to 5 percent, depending on weather, vacation, etc.

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

a. *First-stage ratio estimation.* The purpose of the first-stage ratio adjustment is to reduce the contribution to variance that results from selecting a sample of PSU's rather than drawing sample households from every PSU in the Nation. This adjustment is made to the CPS weights in two race cells: Black and nonblack; it is applied only to PSU's that are not self-representing and for those States that have a

substantial number of black households. The procedure corrects for differences that existed in each State cell at the time of the 1980 census between 1) the race distribution of the population in sample PSU's and 2) the race distribution of all PSU's (both 1 and 2 exclude self-representing PSU's.)

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

- 1) 51 State controls of the civilian noninstitutional population 16 years of age and older
- 2) National civilian noninstitutional population controls for 14 Hispanic and 5 non-Hispanic age-sex categories
- 3) National civilian noninstitutional population controls for 66 white, 42 black, and 10 "other" age-sex categories

The independent population controls are prepared by projecting forward the resident population as enumerated on April 1, 1990. The projections are derived by updating demographic census data with information from a variety of other data sources that account for births, deaths, and net migration. Estimated numbers of resident Armed Forces personnel and institutionalized persons reduce the resident population to the civilian noninstitutional population. Estimates of net census undercount, determined from the Post Enumeration Survey, are added to the population projections. Prior to January 1994, the projections were based on earlier censuses, and there was no correction for census undercount. A summary of the current procedures used to make population projections is given in "Revisions in the Current Population Survey Effective January 1994," appearing in the February 1994 issue of this publication.

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

The composite estimate results in a reduction in the sampling error beyond that which is achieved after the two stages of ratio adjustment. For some items, the reduction is

substantial. The resultant gains in reliability are greatest in estimates of month-to-month change, although gains are also usually obtained for estimates of level in a given month, change from year to year, and change over other intervals of time.

Rounding of estimates

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

Reliability of the estimates

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Characteristic	Monthly level	Consecutive-month change
Total, 16 years and over	0.11	0.13
Men, 16 years and over .....	.16	.19
Men, 20 years and over .....	.15	.18
Women, 16 years and over .....	.16	.19
Women, 20 years and over .....	.16	.19
Both sexes, 16 to 19 years .....	.76	1.00
White workers .....	.12	.14
Black workers .....	.47	.55
Hispanic-origin workers .....	.53	.63
Married men, spouse present .....	.16	.19
Married women, spouse present .....	.19	.22
Women who maintain families .....	.54	.65
Occupation		
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
Industry		
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.

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

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 ¹	-0.000015693	2601.35
Men ¹	-.000029081	2408.58
Women	-.000026234	2204.62
Both sexes, 16 to 19 years	-.000155877	2217.37
White ¹	-.000017747	2600.88
Men	-.000032645	2410.86
Women	-.000029869	2201.86
Both sexes, 16 to 19 years	-.000185057	2221.96
Black	-.000112595	2735.54
Men	-.000271289	2553.88
Women	-.000164088	2298.23
Both sexes, 16 to 19 years	-.001181647	2570.17
Hispanic origin	-.000190760	3394.71
Not in labor force, total or white, excluding women and 16- to 19-year-olds .....	.000005264	722.21
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

¹ 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.

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

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

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.

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

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 ¹	-.000008243	1363.60
Low correlation characteristics ¹	-.000014344	2222.55
Men:		
Most characteristics	-.000020055	1674.07
High correlation characteristics	-.000014922	1307.96
Low correlation characteristics	-.000051814	2325.37
Women:		
Most characteristics	-.000018844	1472.65
Low correlation characteristics	-.000053069	2344.57
Both sexes, 16 to 19 years	-.000169260	2280.05
Black:		
Most characteristics	-.000088926	1871.20
Low correlation characteristics	-.001732525	5676.12
Men:		
Most characteristics	-.000210520	1986.81
Low correlation characteristics	-.002587620	5079.90
Women:		
Most characteristics	-.000140581	1621.48
Low correlation characteristics	-.002078112	4723.08
Both sexes, 16 to 19 years	-.001176111	2729.02
Hispanic origin:		
Total	-.000145304	2417.72
Civilian labor force and not in labor force	-.000095111	1682.24
Low correlation characteristics	-.002425480	7511.81
Men, civilian labor force and not in labor force	-.000227656	2045.54
Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years	-.000366130	3150.64
Women, 16 years and over and 20 years and over	-.000315338	2239.22
Agricultural employment:		
Total or white:		
Total	-.000351254	3344.45
Men	-.000597224	3450.08
Women or both sexes, 16 to 19 years .....	.000115653	2062.60
Black:		
Total or women	-.000109948	2493.69
Men or both sexes, 16 to 19 years	-.017161885	5121.00
Hispanic origin:		
Total or women .....	.002654758	4043.98
Men or both sexes, 16 to 19 years .....	.002647371	3510.08
Self-employed	-.000218152	1822.59
Unemployment: ²		
Total or white:		
Total, men, women	-.000083130	3652.76
Both sexes, 16 to 19 years and low correlation characteristics	-.000063570	4463.07
Black:		
Total, men, women, and both sexes, 16 to 19 years	-.000372215	3800.30
High correlation characteristics .....	.000043286	2691.66
Hispanic origin:		
Total, men, women	-.000233757	4404.26
Both sexes, 16 to 19 years and low correlation characteristics	-.000921018	6132.68

¹ 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.

² 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.

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. ¹	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. ²	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. ²	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. ²	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. ²	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.

¹ 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.

² 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 ⁵
	Employment ¹	Revision ²	Added ³	Required ⁴	
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

¹ 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.

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

³ 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.

⁴ 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.

⁵ 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.

dard 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 ρ 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 ¹		
		Number of estab- lish- ments	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	(²)	2,926	100
State	4,581	5,977	3,911	85
Local	11,638	17,984	7,987	69

¹ 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.

² 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.

³ 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 ¹	
	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	(²)	(²)	.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 ¹	
	Level	Percent	Actual	Absolute
Retail trade—Continued				
Food stores	1	(²)	-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
Finance, insurance, and real estate				
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
Services				
Services	35	.1	.1	.5
Agricultural services	4	.9	2.6	2.6
Hotels and other lodging places	14	.9	.2	1.4
Personal services	56	4.7	.1	2.3
Business services	8	.1	.4	1.4
Personnel supple services	-61	-3.5	1.5	4.1
Auto repair, services, and parking	11	1.2	-.2	.9
Miscellaneous repair services	7	2.0	-.5	3.8
Motion pictures	-11	-2.7	.9	2.2
Amusement and recreation services	60	5.3	.1	2.9
Health services	-107	-1.2	-.7	1.0
Hospitals	-32	-.8	-.4	.7
Legal services	-5	-.5	(²)	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 ³	5	.2	.8	1.5
Services, nec	-1	-2.4	-.5	1.8
Government				
Government	-25	-.1	(²)	.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

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

² Less than 0.05 percent.

³ Data relate to 1989-93.

Table 2-E. Relative standard errors¹ 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

¹Relative errors were estimated with sample data from March 1992-March 1993.

Table 2-F. Relative standard errors¹ 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

¹Relative 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 ¹	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 ²	600	0	.7
Coal mining ²	1,000	-0.2	.6
Oil and gas extraction	2,300	.1	.4
Nonmetallic minerals, except fuels ²	400	0	.3
Construction	9,900	.1	.2
General building contractors	4,400	0	.3
Heavy construction, except building ²	4,000	.1	.4
Special trade contractors ²	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 ²	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 ²	2,100	0	.6
Local and interurban passenger transit ²	3,200	0	.7
Trucking and warehousing ²	15,300	-.1	.3
Water transportation ²	2,200	.2	1.0
Transportation by air ²	13,300	-.3	.5
Pipelines, except natural gas ²	200	-.4	.7
Transportation services ²	1,200	-.1	.3
Communications and public utilities	4,500	-.1	.2
Communications ²	4,200	-.1	.2
Electric, gas, and sanitary services ²	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 ¹	Mean percent revision	
		Actual	Absolute
Retail trade	29,000	.1	.1
Building materials and garden supplies ²	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 ²	12,200	-.1	.5
Furniture and home furnishings stores ²	3,900	.1	.3
Eating and drinking places	11,300	0	.1
Miscellaneous retail establishments ²	7,600	.2	.2
Finance, insurance, and real estate	6,400	0	.1
Finance	4,500	0	.1
Depository institutions ²	9,200	-.1	.2
Nondepository institutions ²	1,500	.1	.3
Security and commodity brokers ²	1,000	.1	.2
Holding and other investment offices ²	1,700	0	.6
Insurance	3,000	0	.1
Insurance carriers ²	2,800	0	.1
Insurance agents, brokers, and service ²	1,000	0	.1
Real estate	3,100	.1	.2
Services	30,800	0	.1
Agricultural services ²	6,100	-.1	.6
Hotels and other lodging places ²	7,200	.1	.3
Personal services ²	11,000	-.1	.6
Business services	14,300	.1	.2
Personnel supply services ²	12,400	.2	.5
Auto repair, services, and parking ²	12,700	-.2	.4
Miscellaneous repair services ²	2,800	-.2	.4
Motion pictures ²	6,200	-.1	1.0
Amusement and recreation services ²	13,900	.4	.9
Health services	7,100	0	.1
Hospitals ²	26,400	-.1	.2
Legal services ²	12,400	-.2	.3
Educational services ²	24,500	-.1	.7
Social services ¹	28,100	-.1	.5
Museums and botanical and zoological gardens ²	900	-.2	1.0
Membership organizations ²	25,400	-.2	.4
Engineering and management services ³	4,100	0	.1
Services, nec ²	1,400	.1	.3
Government	44,200	0	.2
Federal	15,800	.1	.4
State	17,500	0	.3
Education ²	11,700	.1	.5
Other State government ²	8,200	.1	.2
Local	26,600	0	.2
Education ²	19,800	.1	.3
Other local government ²	20,400	0	.2

¹ 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.

² Data based on differences from January 1990 through December

1993.

³ 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 (benchmarking) 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

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.

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
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Hispanic origin	A-4	A-15	D-2	D-11-15	4-7,11-13,18
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Race	A-4	A-13-16,18	D-2	D-11,13,15	3,5,7-8,10- 12,14,17-18
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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
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