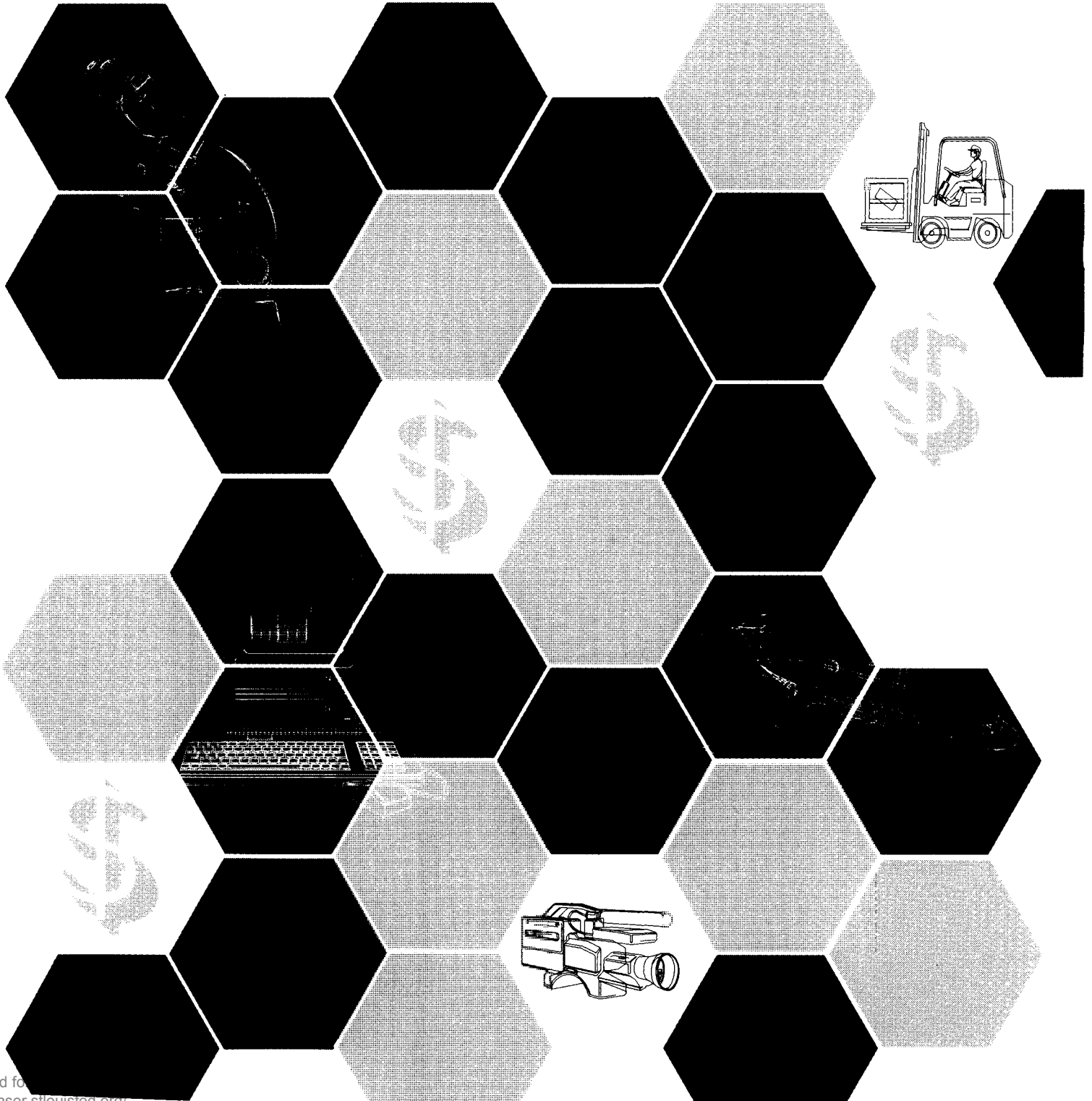




EMPLOYMENT AND EARNINGS

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

In this issue: Second quarter 1994 averages
and new seasonal factors for
household survey data





U.S. DEPARTMENT OF LABOR
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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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Area definitions	May

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Annual averages	May

¹ The most recent publication was issued in August 1993 as *Employment, Hours, and Earnings, United States, 1981-93*, BLS Bulletin 2429, and is available from: New Orders, U.S. Superintendent of Documents, P.O. Box 371954, Pittsburgh, PA 15250-7954, at \$33 a copy, GPO Stock Number 029-001-03148-3.

Employment and Earnings

Editors: Gloria Peterson Green, Eugene H. Becker

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Employment and Unemployment Developments, June 1994

Nonfarm payroll employment continued to increase and unemployment was about unchanged in June. The Nation's jobless rate held steady at 6.0 percent.

The number of payroll jobs, as measured by the survey of business establishments, increased by 379,000 in June. Three-quarters of the gain occurred in the services and retail trade industries, although manufacturing also showed some strength.

Unemployment

After declining by four-tenths of a percentage point in May, the unemployment rate was unchanged in June, at 6.0 percent. The number of unemployed persons totaled 7.8 million. Both numbers have fallen since the beginning of the year—the rate by 0.7 percentage point and the number of unemployed by 880,000.

Jobless rates for most major worker groups—adult men (5.3 percent), adult women (5.4 percent), whites (5.3 percent), blacks (11.2 percent), and Hispanics (10.3 percent)—showed little or no change in June. After rising in April, the jobless rate for teenagers edged down in May and June to 16.9 percent. Unemployment rates were down since the beginning of the year for all of these groups except Hispanic workers. (See tables A-3 and A-4.)

The number of long-term (27 weeks or more) unemployed workers fell by 176,000 in June to 1.5 million. The number unemployed for fewer than 5 weeks increased by 219,000, returning to the April level. (See table A-12.)

Total employment and the labor force

Following increases in the prior 2 months, total employment fell by 442,000 in June to 122.4 million, after seasonal adjustment. The employment-to-population ratio dropped by 0.3 percentage point to 62.2 percent, the same level that prevailed in the early months of 1994. (See table A-3.) The number of workers holding two or more jobs in June was 7.1 million (not seasonally adjusted), or 5.7 percent of all employed persons (table A-35).

The civilian labor force declined by 526,000 in June. As a result, the proportion of the population in the labor force also fell, to 66.2 percent, after seasonal adjustment. (See table A-3.)

Discouraged workers

The number of discouraged workers—persons who wanted jobs but had given up searching because they did

not think they could find work—was 532,000 (not seasonally adjusted) in June 1994. An additional 1.2 million persons had searched unsuccessfully for work in the prior year and would like to have a job, but are not currently looking for work due to reasons such as school and family obligations. (See table A-34.)

Industry payroll employment

Total nonfarm payroll employment rose by 379,000 in June to 113.3 million. Monthly gains averaged 344,000 during the second quarter of 1994, compared with 229,000 in each of the prior two quarters. While most of the May-June increase occurred in the service-producing industries, there were sizable increases in the goods-producing industries as well. (See table B-3.)

Manufacturing employment increased by 34,000 in June, building on the slow growth trend that began last October. Virtually all of the industries experiencing improvements were in durable goods production, including fabricated metals, industrial machinery, electronic equipment, and motor vehicles and equipment. Declines continued, however, in aircraft and other defense-dependent industries.

Construction added 16,000 jobs in June, with almost all of the gain in special trade contractors. Monthly job increases so far this year have averaged 31,000 in construction, compared with an average of 19,000 for all of 1993, but gains have slowed in the last 2 months, following the increase in interest rates.

Services employment rose by 186,000 in June, after a modest increase in May. The largest gain was in the business services component (78,000), particularly in personnel supply services. Over-the-month gains also occurred in health services, amusement and recreation, hotels, and motion pictures. Employment increases in many of these industries that typically expand in the summer months were boosted somewhat by the fact that the June survey period was particularly late in the month.

Jobs in retail trade rose by 102,000 in June, following a relatively small gain in May. Most of the June gain was in eating and drinking places. In addition, there were increases in furniture stores and auto dealers. Wholesale trade employment rose for the tenth consecutive month; 91,000 jobs have been added since August.

Transportation and public utilities gained 11,000 jobs in June. Increases in trucking and local transit were partly offset by continued declines in public utilities. Federal

Government employment continued to decline, with reductions since April 1992 totaling 125,000.

Weekly hours

The average workweek for production or nonsupervisory workers on private nonfarm payrolls decreased by 0.2 hour to 34.6 hours in June, following increases of 0.1 hour in each of the previous 2 months. The factory workweek, though still at exceptionally high levels, edged down 0.1 hour for the second straight month to 42.0 hours; factory overtime was unchanged over the month at 4.6 hours but also has declined 0.2 hour since April. (See table B-8.)

Reflecting the decline in the average workweek, the index of aggregate weekly hours of private production or nonsupervisory workers was off 0.3 percent to 128.7

(1982=100) in June, seasonally adjusted. The index of manufacturing hours gained 0.2 percent to 105.3, as the employment increase more than offset the small reduction in the factory workweek. (See table B-9.)

Hourly and weekly earnings

Average hourly earnings of private production or nonsupervisory workers slipped 0.1 percent in June to \$11.08, seasonally adjusted, following a 0.4 percent increase in May. Average weekly earnings decreased by 0.7 percent in June to \$383.37, largely due to the decline in average weekly hours. Over the past year, average hourly earnings increased by 2.5 percent and average weekly earnings were up 3.1 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>
July	August 5	October	November 4
August	September 2	November	December 2
September	October 7	December	January 6

New Seasonal Adjustment Factors for Household Data Series

Robert J. McIntire

Semiannually, the Bureau of Labor Statistics publishes the factors to be used during the following 6 months for seasonal adjustment of the major labor force series. Table 1 presents the seasonal adjustment factors for the 12 major labor force components for the period July-December 1994. The factors which were used for these components during the first 6 months of 1994 were published in the January 1994 issue of *Employment and Earnings*. The 12 seasonally adjusted series which result from the application of these factors are used in the computation of the seasonally adjusted figures for the national overall levels of labor force, employment, and unemployment and the overall unemployment rate.

The new seasonal factors have been extrapolated using the X-11 ARIMA program with data from January 1984 through June 1994 for each series. The ARIMA models used were the same as those used at the beginning of the year for the extrapolation of the factors for January through June; they were identified in the January 1994 issue of this publication. The historical seasonally adjusted data, including the first 6 months of 1994, will not be revised until the beginning of 1995.

Because of the changes introduced at the beginning of 1994 in the survey and the processing procedures on which the labor force series estimates are based,¹ prior adjustment factors were used in these X-11 ARIMA runs to link the pre-1994 data with the 1994 data for purposes of seasonal adjustment. If something had not been done to control for

the effect of the changes, the unusual differences in many of the series between December 1993 and January 1994 could have caused distortion in the seasonal decomposition. The prior adjustment factors were computed using procedures and software for intervention analysis seasonal adjustment developed at BLS.² The effect of the changes introduced in January 1994 was modeled and estimated as a level shift in each series, using data through May 1994. For each series where the estimated level shift met a significance criteria, the prior adjustment factor produced by the procedure was applied to all pre-1994 observations in X-11 ARIMA. The prior adjustment factors for the 12 major components are shown in table 1 alongside the seasonal factors.

More detailed information on the adjustment method, the procedures for aggregation, and the revision of historical data is included in the January 1994 issue of this publication in the article entitled "Revision of Seasonally Adjusted Labor Force Series."

Data for any of the several hundred seasonally adjusted labor force series and the July-December 1994 seasonal adjustment factors for any of the other independently adjusted series—there are about 160 in addition to the 12 major components—may be obtained from BLS upon request. Requests for data or inquiries concerning the seasonal adjustment methodology or the availability of machine-readable files of other labor force data should be addressed to the Data Development Staff, Bureau of Labor Statistics, Room 4965, 2 Massachusetts Avenue NE, Washington, DC 20212-0001.

Robert J. McIntire is an economist and Chief of the Data Development Staff, Office of Employment and Unemployment Statistics, Bureau of Labor Statistics.

¹ The changes were described in "Revisions in the Current Population Survey Effective January 1994" in the February 1994 issue of this publication.

² The theoretical basis is discussed in J.A. Buszuwski and S. Scott, "On the Use of Intervention Analysis in Seasonal Adjustment," in the 1988 *Proceedings of the Business and Economic Statistics Section*, American Statistical Association.

Table 1. Prior adjustment and July-December 1994 seasonal adjustment factors for the 12 major civilian labor force components

Procedure and series	Prior adjustment factors	Seasonal adjustment factors					
		July	Aug.	Sept.	Oct.	Nov.	Dec.
Multiplicative Adjustment (Divide factor into original value)							
Agricultural employment:							
Men, 20 years and over .....	.951	1.088	1.058	1.066	1.041	.997	.942
Women, 20 years and over .....	.775	1.116	1.075	1.044	1.010	1.001	.917
Men, 16 to 19 years .....	.792	1.751	1.588	.925	.773	.770	.719
Women, 16 to 19 years .....	.808	1.853	1.592	.954	.780	.713	.772
Nonagricultural employment:							
Men, 20 years and over .....	.997	1.009	1.008	1.006	1.006	1.002	.999
Women, 20 years and over .....	.995	.994	.991	.997	1.005	1.008	1.008
Unemployment:							
Men, 20 years and over .....	.913	.945	.916	.895	.899	.941	.994
Women, 20 years and over .....	.963	1.060	1.074	1.026	.990	.964	.941
Additive Adjustment (Subtract factor from original value)							
Nonagricultural employment:							
Men, 16 to 19 years	-211	733	528	-73	-61	-84	-125
Women, 16 to 19 years	-212	634	452	-152	-114	-98	-24
Unemployment:							
Men, 16 to 19 years	-82	135	-45	-40	-62	-30	-85
Women, 16 to 19 years	-50	166	-31	-16	-6	-26	-117

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Category	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Labor force status													
Civilian noninstitutional population	193,456	193,633	193,793	193,971	194,151	194,321	194,472	195,953	196,090	196,213	196,363	196,510	196,693
Civilian labor force	128,056	128,102	128,334	128,108	128,580	128,662	128,898	130,667	130,776	130,580	130,747	130,774	130,248
Percent of population	66.2	66.2	66.2	66.0	66.2	66.2	66.3	66.7	66.7	66.6	66.6	66.5	66.2
Employed	119,187	119,370	119,692	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,672	122,430
Percent of population	61.6	61.8	61.8	61.6	61.8	61.9	62.0	62.2	62.3	62.2	62.3	62.5	62.2
Unemployed	8,869	8,732	8,642	8,540	8,639	8,330	8,237	8,696	8,518	8,543	8,408	7,902	7,817
Not in labor force	65,400	65,531	65,459	65,863	65,571	65,659	65,574	65,286	65,314	65,633	65,616	65,736	66,445
Unemployment rates													
All workers	6.9	6.8	6.7	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0
Men, 20 years and over	6.5	6.5	6.4	6.3	6.2	5.9	5.8	5.9	6.0	5.8	5.8	5.2	5.3
Women, 20 years and over	5.9	5.8	5.7	5.8	5.8	5.7	5.7	6.0	5.7	6.0	5.6	5.4	5.4
Both sexes, 16 to 19 years	19.5	18.4	18.4	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	18.9
White	6.1	6.0	5.9	5.8	6.1	5.6	5.6	5.8	5.6	5.7	5.6	5.2	5.3
Black	13.3	12.8	12.5	12.5	11.9	12.5	11.5	13.1	12.9	12.5	11.8	11.5	11.2
Hispanic origin	10.3	10.8	9.9	10.0	11.4	10.4	10.5	10.6	10.0	10.0	10.8	9.5	10.3

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

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

(Numbers in thousands)

Industry	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ¹	June ²
Employment													
Total	110,372	110,626	110,714	110,923	111,112	111,366	111,610	111,711	111,919	112,298	112,699	112,951	113,330
Total private	91,568	91,802	91,892	92,036	92,239	92,479	92,692	92,810	93,003	93,357	93,718	93,936	94,305
Goods-producing industries	23,225	23,232	23,207	23,206	23,245	23,261	23,298	23,328	23,327	23,395	23,506	23,513	23,564
Mining	606	606	602	605	605	604	618	616	612	609	606	603	604
Construction	4,632	4,653	4,659	4,667	4,700	4,733	4,738	4,744	4,745	4,806	4,893	4,906	4,922
Manufacturing	17,965	17,973	17,946	17,934	17,940	17,944	17,942	17,966	17,970	17,980	18,007	18,004	18,038
Service-producing industries	67,147	67,396	67,507	67,717	67,667	68,065	68,312	68,383	68,592	68,803	69,193	69,438	69,766
Transportation and public utilities	5,769	5,800	5,788	5,783	5,796	5,800	5,792	5,793	5,803	5,816	5,759	5,659	5,670
Wholesale trade	5,949	5,962	5,954	5,962	5,965	5,971	5,976	5,990	6,003	6,013	6,028	6,037	6,045
Retail trade	19,695	19,735	19,770	19,805	19,822	19,848	19,931	19,924	19,965	20,026	20,137	20,189	20,271
Finance, insurance, and real estate	6,704	6,718	6,724	6,735	6,748	6,763	6,769	6,771	6,776	6,781	6,791	6,781	6,792
Services	30,206	30,355	30,451	30,545	30,661	30,816	30,926	31,004	31,129	31,326	31,497	31,577	31,763
Government	18,804	18,826	18,822	18,887	18,873	18,887	18,916	18,901	18,916	18,941	18,981	19,015	19,025
Over-the-month change													
Total	87	256	86	209	189	254	244	101	208	379	401	252	379
Total private	71	234	90	144	203	240	213	118	193	354	361	218	369
Goods-producing industries	-56	7	-25	-1	39	36	17	30	-1	66	111	7	51
Mining	-8	-2	-4	3	0	-1	14	-2	-4	-3	-3	-3	1
Construction	-4	21	6	8	33	33	5	6	1	61	67	13	16
Manufacturing	-44	-12	-27	-12	6	4	-2	26	2	10	27	-3	34
Service-producing industries	143	249	111	210	150	218	227	71	209	311	290	245	328
Transportation and public utilities	1	11	-14	-3	15	2	-8	1	10	13	-57	100	11
Wholesale trade	-10	13	-8	6	3	6	5	14	13	10	15	9	6
Retail trade	23	40	35	35	17	26	83	-7	41	61	111	32	102
Finance, insurance, and real estate	10	14	6	11	13	15	6	2	5	5	10	-10	11
Services	103	149	96	94	116	155	110	78	125	197	171	80	188
Government	16	22	-4	65	-14	14	31	-17	15	25	40	34	10
Hours of work¹													
Total private	34.4	34.5	34.6	34.4	34.5	34.6	34.5	34.8	34.3	34.6	34.7	34.6	34.6
Manufacturing	41.3	41.4	41.5	41.5	41.6	41.7	41.7	41.7	41.3	42.1	42.2	42.1	42.0
Overtime	4.1	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.5	4.7	4.6	4.6	4.8
Indexes of aggregate weekly hours (1982=100)¹													
Total private	124.0	124.6	125.1	124.4	125.3	125.8	125.9	127.1	125.6	127.3	128.2	129.1	128.7
Manufacturing	102.1	102.3	102.4	102.5	102.9	103.3	103.3	103.7	102.6	104.9	105.4	105.1	105.3
Earnings¹													
Average hourly earnings, total private:													
Current dollars	\$10.81	\$10.82	\$10.88	\$10.88	\$10.92	\$10.94	\$10.96	\$11.02	\$11.03	\$11.02	\$11.05	\$11.09	\$11.08
Constant (1982) dollars ²	7.38	7.38	7.39	7.40	7.39	7.39	7.40	7.43	7.42	7.39	7.40	7.42	N.A.
Average weekly earnings, total private	371.86	373.29	375.76	374.27	378.74	376.52	376.12	383.50	378.33	381.29	383.44	385.93	\$383.37

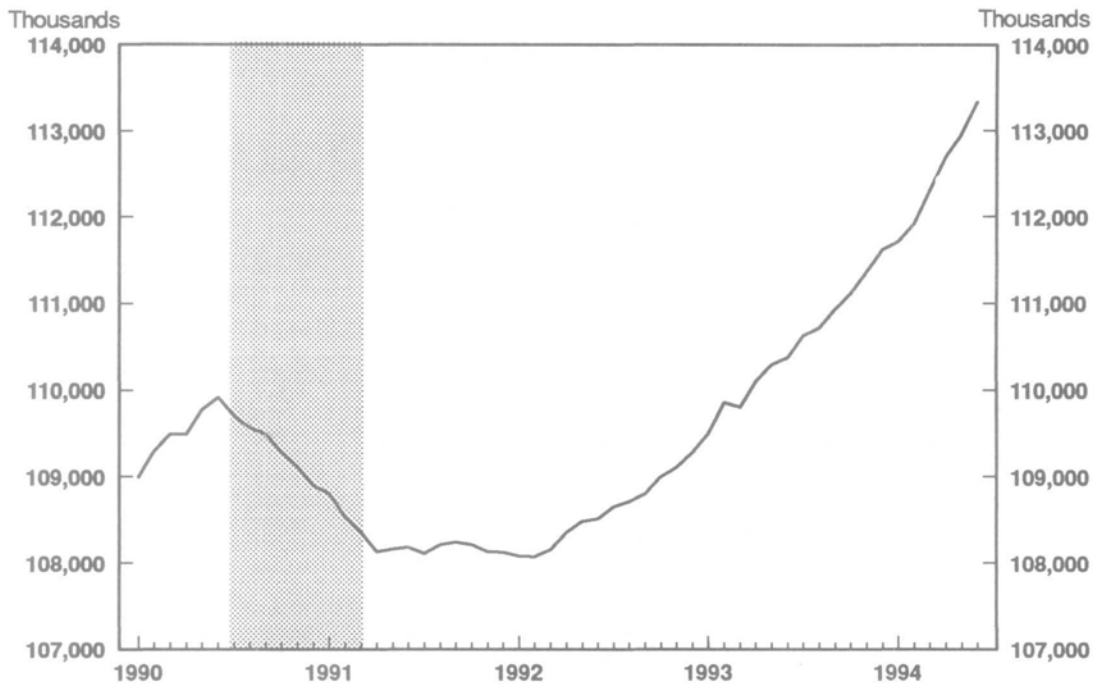
¹ Data relate to private production or nonsupervisory workers.

N.A. = not available.

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

³ = 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	51,994
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	3,483	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	62,839
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	3,206	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	6,426	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:										
June	193,456	128,056	66.2	119,187	61.6	3,031	116,156	8,869	6.9	65,400
July	193,633	128,102	66.2	119,370	61.6	3,043	116,327	8,732	6.8	65,531
August	193,793	128,334	66.2	119,692	61.8	3,005	116,687	8,642	6.7	65,459
September	193,971	128,108	66.0	119,588	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	6,696	6.7	65,286
February	196,090	130,776	66.7	122,258	62.3	3,391	118,667	8,518	6.5	65,314
March	196,213	130,580	66.6	122,037	62.2	3,426	118,611	8,543	6.5	65,633
April	196,363	130,747	66.6	122,338	62.3	3,459	116,880	8,408	6.4	65,616
May	196,510	130,774	66.5	122,672	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

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	68.8	2,704	54,083	6,260	9.9	19,484
1984	83,605	63,835	76.4	59,091	70.7	2,668	56,423	4,744	7.4	19,771
1985	84,469	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	20,376
1987	86,899	66,207	76.2	62,107	71.5	2,543	59,564	4,101	6.2	20,692
1988	87,857	66,927	76.2	63,273	72.0	2,493	60,780	3,655	5.5	20,930
1989	88,762	67,840	76.4	64,315	72.5	2,513	61,802	3,525	5.2	20,923
1990	89,650	68,234	76.1	64,435	71.9	2,507	61,928	3,799	5.6	21,417
1991	90,552	68,411	75.5	63,593	70.2	2,552	61,041	4,817	7.0	22,141
1992	91,541	69,184	75.6	63,805	69.7	2,534	61,270	5,360	7.8	22,356
1993	92,620	69,633	75.2	64,700	69.9	2,438	62,263	4,932	7.1	22,987
Monthly data, seasonally adjusted²										
1993:										
June	92,573	69,683	75.3	64,642	69.8	2,398	62,244	5,041	7.2	22,890
July	92,669	69,730	75.2	64,728	69.8	2,391	62,337	5,002	7.2	22,939
August	92,749	69,847	75.3	64,904	70.0	2,352	62,552	4,943	7.1	22,902
September	92,843	69,580	74.9	64,756	69.7	2,455	62,301	4,824	6.9	23,263
October	92,941	69,820	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	93,116	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	65,921	70.1	2,566	63,356	4,723	6.7	23,338
March	94,042	70,529	75.0	65,940	70.1	2,601	63,339	4,589	6.5	23,513
April	94,119	70,621	75.0	66,036	70.2	2,585	63,471	4,585	6.5	23,497
May	94,196	70,564	74.9	66,301	70.4	2,592	63,709	4,283	6.1	23,612
June	94,294	70,328	74.6	66,135	70.1	2,469	63,666	4,193	6.0	23,965
Annual averages										
WOMEN										
1983	91,664	48,503	52.9	44,047	48.0	680	43,367	4,457	9.2	43,181
1984	92,778	49,709	53.6	45,915	49.5	653	45,262	3,794	7.6	43,068
1985	93,736	51,050	54.5	47,259	50.4	644	46,615	3,791	7.4	42,686
1986 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	56.0	50,334	52.5	666	49,668	3,324	6.2	42,195
1988	96,756	54,742	56.6	51,896	53.4	678	51,020	3,046	5.6	42,014
1989	97,630	55,030	57.4	53,027	54.3	667	52,341	3,003	5.4	41,801
1990	98,399	56,554	57.5	53,479	54.3	679	52,800	3,075	5.4	41,845
1991	99,214	56,893	57.3	53,284	53.7	682	52,602	3,609	6.3	42,321
1992	100,035	57,798	57.8	53,793	53.8	673	53,121	4,005	6.9	42,237
1993	100,930	58,407	57.9	54,606	54.1	636	53,970	3,801	6.5	42,522
Monthly data, seasonally adjusted²										
1993:										
June	100,883	58,373	57.9	54,545	54.1	633	53,912	3,828	6.6	42,510
July	100,965	58,372	57.8	54,842	54.1	652	53,990	3,730	6.4	42,593
August	101,044	58,487	57.9	54,788	54.2	653	54,135	3,699	6.3	42,557
September	101,128	58,528	57.9	54,812	54.2	638	54,174	3,718	6.3	42,800
October	101,210	58,760	58.1	54,970	54.3	645	54,325	3,790	6.4	42,450
November	101,288	58,932	58.2	55,188	54.5	633	54,555	3,744	6.4	42,356
December	101,356	59,085	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	767	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	844	55,728	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

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
TOTAL													
Civilian noninstitutional population ¹	193,456	193,633	193,793	193,971	194,151	194,321	194,472	195,953	196,090	196,213	196,363	196,510	196,693
Civilian labor force	128,056	128,102	128,334	128,108	128,580	128,662	128,898	130,667	130,776	130,580	130,747	130,774	130,248
Percent of population	66.2	66.2	66.2	66.0	66.2	66.2	66.3	66.7	66.7	66.6	66.6	66.5	66.2
Employed	119,187	119,370	119,692	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430
Employment-population ratio ²	61.6	61.6	61.8	61.6	61.8	61.9	62.0	62.2	62.3	62.2	62.3	62.5	62.2
Unemployed	8,869	8,732	8,642	8,540	8,639	8,330	8,237	8,696	8,518	8,543	8,408	7,902	7,817
Unemployment rate	6.9	6.8	6.7	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0
Men, 16 years and over													
Civilian noninstitutional population ¹	92,573	92,669	92,749	92,843	92,941	93,033	93,116	93,909	93,982	94,042	94,119	94,196	94,294
Civilian labor force	69,883	69,730	69,847	69,580	69,820	69,730	69,813	70,744	70,644	70,529	70,621	70,584	70,328
Percent of population	75.3	75.2	75.3	74.9	75.1	75.0	75.0	75.3	75.2	75.0	75.0	74.9	74.6
Employed	64,642	64,728	64,904	64,756	64,971	65,144	65,259	65,963	65,921	65,940	66,036	66,301	66,135
Employment-population ratio ²	69.8	69.8	70.0	69.7	69.9	70.0	70.2	70.2	70.1	70.1	70.2	70.4	70.1
Agriculture	2,398	2,391	2,352	2,455	2,376	2,481	2,461	2,545	2,566	2,601	2,565	2,592	2,469
Nonagricultural industries	62,244	62,337	62,552	62,301	62,595	62,663	62,798	63,419	63,356	63,339	63,471	63,709	63,666
Unemployed	5,041	5,002	4,943	4,824	4,849	4,586	4,554	4,781	4,723	4,589	4,585	4,283	4,193
Unemployment rate	7.2	7.2	7.1	6.9	6.9	6.6	6.5	6.8	6.7	6.5	6.5	6.1	6.0
Not in labor force	22,890	22,939	22,902	23,263	23,121	23,303	23,303	23,165	23,338	23,513	23,497	23,612	23,965
Men, 20 years and over													
Civilian noninstitutional population ¹	85,872	85,950	86,002	86,075	86,156	86,245	86,373	86,778	86,820	86,901	86,946	87,000	87,095
Civilian labor force	66,087	66,140	66,221	66,038	66,306	66,198	66,321	66,806	66,764	66,723	66,701	66,692	66,409
Percent of population	77.0	77.0	77.0	76.7	77.0	76.8	76.8	77.0	76.9	76.8	76.7	76.7	76.2
Employed	61,805	61,869	62,006	61,901	62,172	62,315	62,444	62,842	62,778	62,857	62,958	63,192	62,916
Employment-population ratio ²	72.0	72.0	72.1	71.9	72.2	72.3	72.4	72.3	72.3	72.3	72.4	72.6	72.2
Agriculture	2,220	2,235	2,193	2,264	2,223	2,334	2,300	2,352	2,339	2,358	2,376	2,412	2,307
Nonagricultural industries	59,585	59,634	59,813	59,637	59,949	59,981	60,144	60,490	60,439	60,499	60,582	60,780	60,609
Unemployed	4,282	4,271	4,215	4,137	4,134	3,883	3,877	3,964	3,986	3,866	3,743	3,500	3,493
Unemployment rate	6.5	6.5	6.4	6.3	6.2	5.9	5.8	5.9	6.0	5.8	5.6	5.2	5.3
Not in labor force	19,785	19,810	19,781	20,037	19,850	20,047	20,052	19,972	20,056	20,178	20,246	20,308	20,686
Women, 16 years and over													
Civilian noninstitutional population ¹	100,883	100,965	101,044	101,128	101,210	101,288	101,356	102,044	102,107	102,171	102,244	102,314	102,399
Civilian labor force	58,373	58,372	58,487	58,528	58,760	58,932	59,085	59,923	60,132	60,051	60,125	60,190	59,919
Percent of population	57.9	57.8	57.9	57.9	58.1	58.2	58.3	58.7	58.7	58.5	58.8	58.8	58.5
Employed	54,545	54,642	54,788	54,812	54,970	55,188	55,402	56,007	56,336	56,097	56,302	56,571	56,295
Employment-population ratio ²	54.1	54.1	54.2	54.2	54.3	54.5	54.7	54.9	55.2	54.9	55.1	55.3	55.0
Agriculture	633	652	653	638	645	633	635	787	825	825	893	844	766
Nonagricultural industries	53,912	53,990	54,135	54,174	54,325	54,555	54,767	55,221	55,511	55,272	55,409	55,728	55,528
Unemployed	3,828	3,730	3,699	3,716	3,790	3,744	3,683	3,916	3,795	3,954	3,823	3,619	3,625
Unemployment rate	6.6	6.4	6.3	6.3	6.4	6.4	6.2	6.5	6.3	6.6	6.4	6.0	6.0
Not in labor force	42,510	42,593	42,557	42,600	42,450	42,356	42,271	42,121	41,976	42,119	42,119	42,124	42,480
Women, 20 years and over													
Civilian noninstitutional population ¹	94,315	94,425	94,490	94,575	94,656	94,709	94,764	95,109	95,159	95,225	95,282	95,329	95,407
Civilian labor force	55,132	55,100	55,249	55,251	55,462	55,621	55,783	56,368	56,611	56,487	56,410	56,548	56,214
Percent of population	58.5	58.4	58.5	58.4	58.6	58.7	58.9	59.3	59.5	59.3	59.2	59.3	58.9
Employed	51,875	51,901	52,084	52,072	52,243	52,423	52,631	53,014	53,403	53,121	53,265	53,521	53,181
Employment-population ratio ²	55.0	55.0	55.1	55.1	55.2	55.4	55.5	55.7	56.1	55.8	55.9	56.1	55.7
Agriculture	596	616	614	596	601	597	599	744	766	773	837	787	726
Nonagricultural industries	51,279	51,285	51,470	51,476	51,642	51,826	52,032	52,270	52,638	52,348	52,428	52,734	52,455
Unemployed	3,257	3,199	3,165	3,179	3,219	3,198	3,152	3,354	3,208	3,366	3,145	3,027	3,033
Unemployment rate	5.9	5.8	5.7	5.8	5.8	5.7	5.7	6.0	5.7	6.0	5.6	5.4	5.4
Not in labor force	39,183	39,325	39,241	39,324	39,194	39,088	38,981	38,742	38,548	38,738	38,872	38,781	39,193
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,270	13,258	13,301	13,321	13,339	13,367	13,335	14,066	14,111	14,087	14,135	14,181	14,191
Civilian labor force	6,837	6,862	6,864	6,819	6,812	6,843	6,794	7,493	7,401	7,377	7,636	7,534	7,625
Percent of population	51.5	51.8	51.6	51.2	51.1	51.2	50.9	53.3	52.4	52.5	54.0	53.1	53.7
Employed	5,507	5,600	5,602	5,595	5,526	5,594	5,586	6,115	6,076	6,055	6,116	6,159	6,333
Employment-population ratio ²	41.5	42.2	42.1	42.0	41.4	41.8	41.9	43.5	43.1	43.0	43.3	43.4	44.6
Agriculture	215	192	198	233	197	183	197	236	287	295	245	236	203
Nonagricultural industries	5,292	5,408	5,404	5,362	5,329	5,411	5,389	5,879	5,790	5,764	5,870	5,923	6,130
Unemployed	1,330	1,262	1,262	1,224	1,286	1,249	1,208	1,378	1,325	1,311	1,520	1,375	1,292
Unemployment rate	19.5	18.4	18.4	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9
Not in labor force	6,433	6,396	6,437	6,502	6,527	6,524	6,541	6,573	6,710	6,717	6,499	6,647	6,566

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*.

**HOUSEHOLD DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Employment status, race, sex, age, and Hispanic origin	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
WHITE													
Civilian noninstitutional population ¹	163,857	163,971	164,074	164,190	164,309	164,421	164,516	165,014	165,096	165,168	165,259	165,351	165,472
Civilian labor force	109,373	109,393	109,646	109,492	110,009	109,804	110,016	110,802	110,934	110,633	110,673	110,797	110,358
Percent of population	66.7	66.7	66.8	66.7	67.0	66.8	66.9	67.1	67.2	67.0	67.0	67.0	66.7
Employed	102,721	102,835	103,179	103,094	103,273	103,662	103,807	104,355	104,669	104,314	104,450	105,038	104,555
Employment-population ratio ²	62.7	62.7	62.9	62.8	62.9	63.0	63.1	63.2	63.4	63.2	63.2	63.5	63.2
Unemployed	6,652	6,556	6,467	6,398	6,736	6,142	6,209	6,447	6,264	6,319	6,222	5,760	5,804
Unemployment rate	6.1	6.0	5.9	5.8	6.1	5.6	5.6	5.8	5.6	5.7	5.6	5.2	5.3
Men, 20 years and over													
Civilian labor force	57,135	57,136	57,196	57,097	57,390	57,123	57,280	57,457	57,333	57,258	57,175	57,113	57,002
Percent of population	77.5	77.5	77.5	77.3	77.7	77.2	77.4	77.6	77.4	77.2	77.1	77.0	76.8
Employed	53,878	53,840	53,986	53,948	54,144	54,279	54,283	54,438	54,344	54,283	54,297	54,466	54,354
Employment-population ratio ²	73.1	73.0	73.2	73.1	73.3	73.4	73.3	73.5	73.3	73.2	73.4	73.4	73.2
Unemployed	3,257	3,296	3,210	3,149	3,246	2,844	2,997	3,019	2,989	2,975	2,878	2,647	2,648
Unemployment rate	5.7	5.8	5.6	5.5	5.7	5.0	5.2	5.3	5.2	5.2	5.0	4.6	4.6
Women, 20 years and over													
Civilian labor force	46,458	46,446	46,586	46,544	46,710	46,768	46,872	47,025	47,281	47,085	46,951	47,222	46,938
Percent of population	58.4	58.3	58.5	58.4	58.5	58.6	58.7	59.0	59.3	59.0	58.8	59.1	58.7
Employed	44,008	44,093	44,263	44,207	44,223	44,392	44,554	44,631	45,002	44,724	44,755	45,110	44,686
Employment-population ratio ²	55.3	55.4	55.5	55.4	55.4	55.6	55.8	56.0	56.4	56.0	56.0	56.5	55.9
Unemployed	2,450	2,353	2,323	2,337	2,487	2,376	2,318	2,393	2,279	2,360	2,196	2,113	2,252
Unemployment rate	5.3	5.1	5.0	5.0	5.3	5.1	4.9	5.1	4.8	5.0	4.7	4.5	4.8
Both sexes, 16 to 19 years													
Civilian labor force	5,780	5,811	5,864	5,851	5,909	5,913	5,864	6,321	6,319	6,290	6,546	6,463	6,418
Percent of population	54.7	54.9	55.3	55.1	55.6	55.6	55.1	56.5	56.4	56.1	58.3	57.5	57.0
Employed	4,835	4,902	4,930	4,939	4,906	4,991	4,970	5,286	5,323	5,306	5,398	5,462	5,515
Employment-population ratio ²	45.8	46.3	46.5	46.5	46.2	46.9	46.7	47.3	47.5	47.3	48.0	48.6	49.0
Unemployed	945	909	934	912	1,003	922	894	1,034	996	984	1,148	1,000	904
Unemployment rate	16.3	15.6	15.9	15.6	17.0	15.6	15.2	16.4	15.8	15.6	17.5	15.5	14.1
Men	18.4	17.7	17.7	16.8	17.9	17.7	16.9	18.5	16.7	16.7	19.0	17.3	14.7
Women	14.0	13.4	14.0	14.3	16.0	13.3	13.4	14.0	14.7	14.6	16.0	13.5	13.5
BLACK													
Civilian noninstitutional population ¹	22,313	22,346	22,375	22,408	22,442	22,475	22,504	22,723	22,751	22,774	22,799	22,824	22,855
Civilian labor force	13,922	13,920	13,969	13,952	13,945	14,057	14,011	14,368	14,487	14,573	14,523	14,497	14,502
Percent of population	62.4	62.3	62.4	62.3	62.1	62.5	62.3	63.2	63.7	64.0	63.7	63.5	63.5
Employed	12,076	12,134	12,225	12,202	12,292	12,297	12,397	12,482	12,624	12,749	12,813	12,825	12,874
Employment-population ratio ²	54.1	54.3	54.6	54.5	54.8	54.7	55.1	54.9	55.5	56.0	56.2	56.2	56.3
Unemployed	1,846	1,786	1,744	1,750	1,653	1,760	1,614	1,887	1,863	1,824	1,710	1,672	1,628
Unemployment rate	13.3	12.8	12.5	12.5	11.9	12.5	11.5	13.1	12.9	12.5	11.8	11.5	11.2
Men, 20 years and over													
Civilian labor force	6,492	6,509	6,552	6,507	6,482	6,529	6,469	6,563	6,697	6,633	6,622	6,715	6,581
Percent of population	71.9	72.0	72.4	71.8	71.5	71.8	70.9	72.1	73.4	72.7	72.5	73.4	71.8
Employed	5,677	5,742	5,764	5,717	5,770	5,725	5,787	5,753	5,884	5,953	5,962	6,048	5,944
Employment-population ratio ²	62.9	63.5	63.7	63.1	63.6	63.0	63.5	63.2	64.5	65.2	65.2	66.1	64.9
Unemployed	815	767	788	790	712	804	682	810	813	679	660	666	637
Unemployment rate	12.6	11.8	12.0	12.1	11.0	12.3	10.5	12.3	12.1	10.2	10.0	9.9	9.7
Women, 20 years and over													
Civilian labor force	6,658	6,605	6,644	6,686	6,731	6,766	6,801	6,917	6,993	7,117	7,065	6,990	7,038
Percent of population	59.5	58.9	59.2	59.5	59.8	60.1	60.3	60.5	61.1	62.2	61.6	60.9	61.3
Employed	5,948	5,879	5,947	6,001	6,059	6,111	6,143	6,121	6,224	6,253	6,317	6,300	6,379
Employment-population ratio ²	53.1	52.5	53.0	53.4	53.9	54.2	54.5	53.6	54.4	54.6	55.1	54.9	55.5
Unemployed	710	726	697	685	672	655	658	796	769	865	747	690	659
Unemployment rate	10.7	11.0	10.5	10.2	10.0	9.7	9.7	11.5	11.0	12.1	10.6	9.9	9.4

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	772	806	773	759	732	762	741	889	796	823	837	792	882
Percent of population	36.9	38.5	36.8	35.9	34.5	35.9	35.2	40.5	36.3	37.5	38.1	36.0	40.0
Employed	451	513	514	484	463	461	467	607	515	543	534	476	551
Employment-population ratio ²	21.6	24.5	24.5	22.9	21.8	21.7	22.2	27.7	23.5	24.7	24.3	21.6	25.0
Unemployed	321	293	259	275	269	301	274	281	281	280	303	316	331
Unemployment rate	41.6	36.4	33.5	36.2	36.7	39.5	37.0	31.7	35.3	34.0	36.2	39.9	37.6
Men	38.8	37.9	34.9	39.7	40.6	39.2	38.8	38.1	40.1	37.5	40.8	42.8	40.0
Women	44.8	34.7	32.0	32.3	32.8	39.7	35.2	25.5	30.5	30.2	31.3	36.5	34.9
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	15,729	15,777	15,824	15,871	15,917	15,967	16,014	17,849	17,896	17,942	17,993	18,041	18,092
Civilian labor force	10,285	10,375	10,331	10,433	10,586	10,575	10,625	11,746	11,835	11,871	11,880	11,929	11,850
Percent of population	65.4	65.8	65.3	65.7	66.5	66.2	66.3	65.8	66.1	66.2	66.0	66.1	65.5
Employed	9,221	9,250	9,311	9,394	9,384	9,476	9,513	10,495	10,650	10,680	10,595	10,801	10,634
Employment-population ratio ²	58.6	58.6	58.8	59.2	59.0	59.3	59.4	58.8	59.5	59.5	58.9	59.9	58.8
Unemployed	1,064	1,125	1,020	1,039	1,202	1,099	1,112	1,251	1,185	1,190	1,285	1,127	1,217
Unemployment rate	10.3	10.8	9.9	10.0	11.4	10.4	10.5	10.6	10.0	10.0	10.8	9.5	10.3

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
EMPLOYED													
Full-time workers	98,198	98,359	98,716	98,690	98,945	99,373	99,595	97,940	98,574	98,488	99,307	99,763	99,286
Men, 16 years and over	57,452	57,599	57,742	57,833	57,876	58,115	58,265	57,714	57,971	58,395	58,558	58,707	58,688
Men, 20 years and over	56,467	56,624	56,711	56,718	56,770	57,032	57,156	56,657	56,942	57,380	57,569	57,619	57,457
Women, 16 years and over	40,691	40,632	40,920	40,953	41,085	41,284	41,386	40,291	40,601	40,083	40,647	41,025	40,653
Women, 20 years and over	39,959	39,954	40,204	40,066	40,334	40,511	40,632	39,496	39,816	39,312	39,871	40,297	39,854
Both sexes, 16 to 19 years	1,772	1,781	1,801	1,906	1,841	1,830	1,807	1,787	1,817	1,795	1,868	1,847	1,975
Part-time workers	21,051	21,092	21,073	20,867	20,997	20,961	21,060	23,932	23,641	23,539	22,966	23,132	23,138
Men, 16 years and over	7,169	7,091	7,139	7,009	7,156	7,069	7,035	8,214	7,928	7,536	7,413	7,530	7,436
Men, 20 years and over	5,349	5,251	5,315	5,236	5,392	5,283	5,268	6,148	5,839	5,500	5,400	5,560	5,469
Women, 16 years and over	13,849	13,954	13,898	13,897	13,886	13,900	14,056	15,720	15,724	16,004	15,566	15,577	15,661
Women, 20 years and over	11,914	11,912	11,875	11,921	11,909	11,916	12,039	13,523	13,574	13,802	13,391	13,283	13,357
Both sexes, 16 to 19 years	3,788	3,929	3,883	3,710	3,696	3,762	3,753	4,260	4,228	4,237	4,175	4,288	4,312
UNEMPLOYED													
Looking for full-time work	7,260	7,231	7,109	6,964	7,044	6,707	6,760	7,160	7,008	6,956	6,833	6,319	6,414
Men, 16 years and over	4,299	4,352	4,275	4,138	4,193	3,978	3,963	4,205	4,070	3,803	3,910	3,617	3,642
Men, 20 years and over	3,985	4,013	3,949	3,851	3,868	3,581	3,651	3,767	3,677	3,526	3,499	3,230	3,228
Women, 16 years and over	2,939	2,892	2,804	2,841	2,809	2,786	2,787	2,966	2,950	3,091	2,895	2,701	2,768
Women, 20 years and over	2,688	2,595	2,561	2,613	2,590	2,542	2,568	2,749	2,710	2,835	2,567	2,451	2,475
Both sexes, 16 to 19 years	587	623	599	500	586	584	541	644	621	595	767	638	711
Looking for part-time work	1,621	1,522	1,547	1,557	1,623	1,565	1,489	1,581	1,488	1,595	1,589	1,520	1,426
Men, 16 years and over	753	614	648	671	652	616	606	681	645	701	627	651	600
Men, 20 years and over	300	253	274	292	270	259	254	276	280	314	232	257	270
Women, 16 years and over	871	908	900	881	1,016	957	868	890	855	891	956	860	835
Women, 20 years and over	568	621	608	567	651	643	575	580	502	552	595	530	563
Both sexes, 16 to 19 years	753	648	665	698	702	663	660	726	706	728	762	734	593
UNEMPLOYMENT RATES¹													
Full-time workers	6.9	6.8	6.7	6.6	6.6	6.3	6.4	6.8	6.6	6.6	6.4	6.0	6.1
Men, 16 years and over	7.0	7.0	6.9	6.7	6.8	6.4	6.4	6.8	6.6	6.1	6.3	5.8	5.8
Men, 20 years and over	6.6	6.6	6.5	6.4	6.4	5.9	6.0	6.2	6.1	5.8	5.7	5.3	5.3
Women, 16 years and over	6.7	6.6	6.4	6.5	6.4	6.3	6.3	6.9	6.8	7.2	6.6	6.2	6.4
Women, 20 years and over	6.3	6.1	6.0	6.1	6.0	5.9	5.9	6.5	6.4	6.7	6.0	5.7	5.8
Both sexes, 16 to 19 years	24.9	25.9	25.0	20.8	24.1	24.2	23.0	26.5	25.5	24.9	29.1	25.7	26.5
Part-time workers	7.1	6.7	6.8	6.9	7.2	6.9	6.6	6.2	5.9	6.3	6.5	6.2	5.8
Men, 16 years and over	9.5	8.0	8.3	8.7	8.4	8.0	7.9	7.7	7.5	8.5	7.8	8.0	7.5
Men, 20 years and over	5.3	4.6	4.9	5.3	4.8	4.7	4.6	4.3	4.6	5.4	4.1	4.4	4.7
Women, 16 years and over	5.9	6.1	6.1	6.0	6.8	6.4	5.8	5.4	5.2	5.3	5.8	5.2	5.1
Women, 20 years and over	4.6	5.0	4.9	4.5	5.2	5.1	4.6	4.1	3.6	3.8	4.3	3.8	4.0
Both sexes, 16 to 19 years	16.6	14.2	14.6	15.8	16.0	15.0	15.0	14.6	14.3	14.7	15.4	14.6	12.1

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
MARITAL STATUS													
Total	119,187	119,370	119,692	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430
Married men, spouse present	40,958	40,877	40,792	40,826	40,816	40,842	40,951	41,483	41,328	41,331	41,380	41,367	41,287
Married women, spouse present	30,340	30,322	30,536	30,509	30,641	30,872	31,051	31,579	31,709	31,310	31,345	31,324	31,054
Women who maintain families	6,772	6,806	6,840	6,833	6,784	6,704	6,693	6,796	7,133	7,369	7,191	7,094	6,978
OCCUPATION													
Managerial and professional specialty	32,180	32,370	32,476	32,538	32,635	32,739	32,764	33,008	33,122	33,152	33,415	34,103	33,901
Technical, sales, and administrative support	36,844	37,171	36,902	36,832	36,965	36,974	37,243	37,411	37,191	37,060	36,796	36,624	36,811
Service occupations	16,515	16,466	16,470	16,547	16,599	16,688	16,734	16,796	17,087	17,111	17,107	16,958	17,006
Precision production, craft, and repair	13,401	13,280	13,726	13,487	13,430	13,597	13,445	13,494	13,644	13,551	13,232	13,584	13,305
Operators, fabricators, and laborers	16,896	16,859	16,892	16,968	16,996	16,958	17,209	17,685	17,645	17,581	17,888	17,947	17,934
Farming, forestry, and fishing	3,299	3,286	3,262	3,319	3,287	3,389	3,325	3,598	3,693	3,651	3,677	3,609	3,419
CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,602	1,626	1,566	1,667	1,657	1,719	1,724	1,641	1,677	1,719	1,693	1,757	1,629
Self-employed workers	1,336	1,323	1,312	1,319	1,274	1,311	1,269	1,590	1,633	1,661	1,710	1,654	1,582
Unpaid family workers	103	93	110	90	97	89	92	78	55	41	43	40	46
Nonagricultural industries:													
Wage and salary workers	106,887	107,057	107,370	107,331	107,727	107,975	108,247	109,526	109,547	109,365	109,749	110,243	110,052
Private industries	88,334	88,622	88,843	88,824	89,251	89,482	89,744	91,364	91,395	90,883	91,356	91,770	91,729
Private households	1,059	1,081	1,128	1,123	1,179	1,103	1,104	928	1,074	1,035	1,043	997	964
Other industries	87,275	87,541	87,715	87,701	88,072	88,379	88,640	90,436	90,321	89,849	90,313	90,773	90,765
Government	18,553	18,435	18,527	18,507	18,476	18,493	18,503	18,163	18,152	18,481	18,393	18,473	18,322
Self-employed workers	9,102	9,093	9,026	8,949	8,961	9,011	9,053	8,990	9,312	9,146	8,982	9,138	8,946
Unpaid family workers	150	203	245	250	229	223	217	142	143	117	131	121	154
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	6,435	6,451	6,469	6,394	6,202	6,126	6,217	5,167	4,643	4,992	4,757	4,878	4,785
Slack work or business conditions	3,378	3,099	3,202	3,167	3,072	3,037	3,099	2,561	2,301	2,538	2,363	2,571	2,535
Could only find part-time work	2,842	2,986	2,935	2,937	2,872	2,810	2,828	2,171	2,028	2,138	2,101	2,026	1,981
Part time for noneconomic reasons	15,272	15,121	15,216	15,182	15,201	15,290	15,373	17,744	17,674	17,519	17,072	17,346	17,339
Nonagricultural industries:													
Part time for economic reasons	6,192	6,213	6,216	6,173	5,957	5,904	5,934	4,842	4,384	4,762	4,613	4,688	4,590
Slack work or business conditions	3,220	2,920	3,049	3,006	2,927	2,905	2,922	2,439	2,169	2,411	2,241	2,449	2,430
Could only find part-time work	2,770	2,931	2,856	2,879	2,773	2,719	2,739	2,075	1,944	2,089	2,078	1,993	1,935
Part time for noneconomic reasons	14,847	14,707	14,814	14,757	14,788	14,858	14,909	17,056	17,081	16,893	16,463	16,721	16,842

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	119,187	119,370	119,692	119,568	119,941	120,332	120,661	121,971	122,258	122,037	122,338	122,872	122,430
16 to 24 years	17,712	17,752	17,688	17,679	17,648	17,663	17,709	18,637	18,898	18,723	18,798	19,006	19,193
16 to 19 years	5,507	5,600	5,602	5,595	5,526	5,594	5,586	6,115	6,076	6,059	6,116	6,159	6,333
16 to 17 years	2,082	2,153	2,185	2,193	2,162	2,194	2,240	2,435	2,351	2,383	2,408	2,510	2,530
18 to 19 years	3,394	3,425	3,410	3,412	3,375	3,406	3,350	3,657	3,706	3,674	3,704	3,661	3,765
20 to 24 years	12,205	12,152	12,086	12,084	12,122	12,069	12,123	12,522	12,822	12,664	12,683	12,847	12,860
25 years and over	101,516	101,608	102,006	101,899	102,310	102,665	102,976	103,312	103,402	103,352	103,451	103,951	103,299
25 to 54 years	86,731	86,947	87,204	87,275	87,479	87,968	88,197	88,308	88,582	88,750	88,709	88,915	88,497
55 years and over	14,760	14,587	14,830	14,612	14,787	14,806	14,831	15,036	14,862	14,614	14,709	14,939	14,784
Men, 16 years and over	64,642	64,728	64,904	64,756	64,971	65,144	65,259	65,963	65,921	65,940	66,036	66,301	66,135
16 to 24 years	9,184	9,199	9,245	9,182	9,179	9,171	9,165	9,711	9,939	9,754	9,808	9,940	9,992
16 to 19 years	2,837	2,859	2,898	2,855	2,799	2,829	2,815	3,121	3,143	3,083	3,078	3,109	3,219
16 to 17 years	1,080	1,112	1,130	1,120	1,106	1,133	1,152	1,220	1,205	1,197	1,242	1,262	1,251
18 to 19 years	1,742	1,729	1,743	1,745	1,701	1,705	1,670	1,886	1,925	1,876	1,842	1,845	1,944
20 to 24 years	6,347	6,340	6,347	6,327	6,380	6,342	6,350	6,590	6,795	6,671	6,730	6,831	6,772
25 years and over	55,484	55,538	55,667	55,581	55,823	55,970	56,089	56,244	56,035	56,203	56,182	56,387	56,174
25 to 54 years	47,178	47,321	47,366	47,386	47,496	47,791	47,860	47,944	47,943	48,173	48,117	48,191	48,046
55 years and over	8,284	8,187	8,288	8,199	8,318	8,241	8,253	8,333	8,115	8,036	8,070	8,126	8,116
Women, 16 years and over	54,545	54,642	54,788	54,812	54,970	55,188	55,402	56,007	56,336	56,097	56,302	56,571	56,295
16 to 24 years	8,528	8,553	8,443	8,497	8,469	8,492	8,544	8,926	8,959	8,970	8,991	9,066	9,201
16 to 19 years	2,670	2,741	2,704	2,740	2,727	2,765	2,771	2,994	2,933	2,976	3,038	3,050	3,114
16 to 17 years	1,002	1,041	1,055	1,073	1,056	1,061	1,088	1,215	1,147	1,167	1,166	1,248	1,278
18 to 19 years	1,652	1,696	1,667	1,667	1,674	1,701	1,680	1,771	1,781	1,799	1,862	1,816	1,821
20 to 24 years	5,858	5,812	5,739	5,757	5,742	5,727	5,773	5,932	6,026	5,993	5,953	6,016	6,088
25 years and over	46,032	46,070	46,339	46,318	46,487	46,695	46,887	47,069	47,367	47,149	47,269	47,564	47,125
25 to 54 years	39,553	39,626	39,838	39,889	39,963	40,177	40,337	40,364	40,640	40,591	40,724	40,724	40,451
55 years and over	6,476	6,400	6,542	6,413	6,469	6,565	6,578	6,703	6,747	6,578	6,639	6,813	6,668

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	8,869	8,732	8,642	8,540	8,639	8,330	8,237	8,696	8,518	8,543	8,408	7,902	7,817
16 to 24 years	2,747	2,683	2,695	2,574	2,616	2,568	2,480	2,922	2,753	2,855	2,921	2,709	2,620
16 to 19 years	1,330	1,262	1,262	1,224	1,286	1,249	1,208	1,378	1,325	1,311	1,520	1,375	1,292
16 to 17 years	628	551	547	519	566	566	527	654	656	586	765	648	638
18 to 19 years	717	707	706	694	724	687	689	700	668	725	764	738	669
20 to 24 years	1,417	1,421	1,433	1,350	1,330	1,319	1,272	1,544	1,428	1,543	1,400	1,333	1,328
25 years and over	6,140	6,040	5,942	5,978	6,016	5,747	5,750	5,857	5,738	5,680	5,469	5,182	5,205
25 to 54 years	5,457	5,395	5,270	5,273	5,369	5,124	5,106	5,107	5,075	4,993	4,793	4,517	4,581
55 years and over	651	651	662	721	699	649	657	723	670	700	644	641	601
Men, 16 years and over	5,041	5,002	4,943	4,824	4,849	4,586	4,554	4,781	4,723	4,589	4,585	4,283	4,193
16 to 24 years	1,572	1,535	1,567	1,463	1,475	1,438	1,389	1,670	1,530	1,559	1,627	1,538	1,431
16 to 19 years	759	731	728	687	715	703	677	816	737	723	843	783	700
16 to 17 years	384	321	314	286	312	314	286	384	338	341	421	377	355
18 to 19 years	392	409	409	389	404	388	390	418	397	386	427	418	363
20 to 24 years	813	804	839	776	760	735	712	854	793	835	784	754	730
25 years and over	3,461	3,458	3,374	3,360	3,365	3,141	3,171	3,194	3,169	3,010	2,954	2,729	2,754
25 to 54 years	3,070	3,039	2,948	2,911	2,961	2,755	2,774	2,787	2,782	2,625	2,557	2,350	2,410
55 years and over	379	410	425	462	417	391	411	408	401	385	373	368	340
Women, 16 years and over	3,828	3,730	3,699	3,716	3,790	3,744	3,683	3,916	3,795	3,954	3,823	3,619	3,625
16 to 24 years	1,175	1,148	1,128	1,111	1,141	1,130	1,091	1,252	1,223	1,296	1,294	1,171	1,189
16 to 19 years	571	531	534	537	571	546	531	562	588	588	678	592	591
16 to 17 years	244	230	233	233	254	252	241	271	318	245	344	271	283
18 to 19 years	325	298	297	305	320	299	299	283	272	339	337	320	306
20 to 24 years	604	617	594	574	570	584	560	690	635	708	617	579	598
25 years and over	2,679	2,582	2,568	2,618	2,651	2,606	2,579	2,664	2,568	2,670	2,515	2,453	2,451
25 to 54 years	2,387	2,356	2,322	2,362	2,408	2,369	2,332	2,320	2,293	2,369	2,236	2,167	2,172
55 years and over	272	241	237	259	282	258	246	315	269	316	272	274	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**

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

Age and sex	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Total, 16 years and over	6.9	6.8	6.7	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0
16 to 24 years	13.4	13.1	13.2	12.7	12.9	12.7	12.3	13.6	12.7	13.2	13.4	12.5	12.0
16 to 19 years	19.5	18.4	18.4	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9
16 to 17 years	23.2	20.4	20.0	19.1	20.7	20.5	19.0	21.2	21.8	19.9	24.1	20.5	20.1
18 to 19 years	17.4	17.1	17.2	16.9	17.7	16.8	17.1	16.1	15.3	16.5	17.1	16.8	15.1
20 to 24 years	10.4	10.5	10.6	10.0	9.9	9.9	9.5	11.0	10.0	10.9	9.9	9.4	9.4
25 years and over	5.7	5.6	5.5	5.5	5.6	5.3	5.3	5.4	5.3	5.2	5.0	4.7	4.8
25 to 54 years	5.9	5.8	5.7	5.7	5.8	5.5	5.5	5.5	5.4	5.3	5.1	4.8	4.9
55 years and over	4.2	4.3	4.3	4.7	4.5	4.2	4.2	4.6	4.3	4.6	4.2	4.1	3.9
Men, 16 years and over	7.2	7.2	7.1	6.9	6.9	6.6	6.5	6.8	6.7	6.5	6.5	6.1	6.0
16 to 24 years	14.6	14.3	14.5	13.7	13.8	13.6	13.2	14.7	13.3	13.8	14.2	13.4	12.5
16 to 19 years	21.1	20.4	20.1	19.4	20.3	19.9	19.4	20.7	19.0	19.0	21.5	20.1	17.9
16 to 17 years	26.2	22.4	21.7	20.3	22.0	21.7	19.9	23.9	21.9	22.2	25.3	23.0	22.1
18 to 19 years	18.4	19.1	19.0	18.2	19.2	18.5	18.9	18.1	17.1	17.1	18.8	18.5	15.7
20 to 24 years	11.4	11.3	11.7	10.9	10.6	10.4	10.1	11.5	10.5	11.1	10.4	9.9	9.7
25 years and over	5.9	5.9	5.7	5.7	5.7	5.3	5.4	5.4	5.4	5.1	5.0	4.6	4.7
25 to 54 years	6.1	6.0	5.9	5.8	5.9	5.5	5.5	5.5	5.5	5.2	5.0	4.7	4.8
55 years and over	4.4	4.8	4.9	5.3	4.8	4.5	4.7	4.7	4.7	4.6	4.4	4.3	4.0
Women, 16 years and over	6.6	6.4	6.3	6.3	6.4	6.4	6.2	6.5	6.3	6.6	6.4	6.0	6.0
16 to 24 years	12.1	11.8	11.8	11.6	11.9	11.7	11.3	12.3	12.0	12.6	12.6	11.4	11.4
16 to 19 years	17.6	16.2	16.5	16.4	17.3	16.5	16.1	15.8	16.7	16.5	18.2	16.3	16.0
16 to 17 years	19.6	18.1	18.1	17.8	19.4	19.2	18.1	18.2	21.7	17.4	22.8	17.8	18.1
18 to 19 years	16.4	14.9	15.1	15.5	16.0	14.9	15.1	13.8	13.2	15.8	15.3	15.0	14.4
20 to 24 years	9.3	9.6	9.4	9.1	9.0	9.3	8.8	10.4	9.5	10.6	9.4	8.8	8.9
25 years and over	5.5	5.3	5.3	5.3	5.4	5.3	5.2	5.4	5.1	5.4	5.1	4.9	4.9
25 to 54 years	5.7	5.6	5.5	5.6	5.7	5.6	5.5	5.4	5.3	5.5	5.2	5.1	5.1
55 years and over	4.0	3.6	3.5	3.9	4.2	3.8	3.6	4.5	3.8	4.6	3.9	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*.

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

Category	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
CHARACTERISTIC													
Total	6.9	6.8	6.7	6.7	6.7	6.5	6.4	6.7	6.5	6.5	6.4	6.0	6.0
Men, 20 years and over	6.5	6.5	6.4	6.3	6.2	5.9	5.8	5.9	6.0	5.8	5.6	5.2	5.3
Women, 20 years and over	5.9	5.8	5.7	5.8	5.8	5.7	5.7	6.0	5.7	6.0	5.6	5.4	5.4
Both sexes, 16 to 19 years	19.5	18.4	18.4	17.9	18.9	18.3	17.8	18.4	17.9	17.8	19.9	18.3	16.9
White	6.1	6.0	5.9	5.8	6.1	5.6	5.6	5.8	5.6	5.7	5.6	5.2	5.3
Black and other	12.0	11.6	11.5	11.4	10.9	11.3	10.7	11.6	11.3	11.3	10.8	10.4	10.2
Black	13.3	12.8	12.5	12.5	11.9	12.5	11.5	13.1	12.9	12.5	11.8	11.5	11.2
Hispanic origin	10.3	10.8	9.9	10.0	11.4	10.4	10.5	10.6	10.0	10.0	10.8	9.5	10.3
Married men, spouse present	4.4	4.5	4.4	4.2	4.4	4.0	3.9	4.1	4.3	4.1	3.9	3.7	3.5
Married women, spouse present	4.7	4.7	4.5	4.6	4.8	4.4	4.3	4.4	4.3	4.4	4.1	4.0	4.3
Women who maintain families	9.7	9.6	9.0	9.0	9.3	9.0	10.2	9.4	9.7	9.6	9.1	8.9	8.7
OCCUPATION¹													
Managerial and professional specialty	2.8	2.7	2.8	2.8	2.8	2.9	2.8	2.9	2.9	2.7	2.6	2.3	3.0
Technical, sales, and administrative support	5.7	5.3	5.3	5.3	5.3	5.2	5.1	5.4	5.4	5.7	5.2	5.2	5.2
Precision production, craft, and repair	8.3	8.6	7.5	7.6	7.9	6.7	7.4	7.0	6.8	7.2	6.5	6.5	6.1
Operators, fabricators, and laborers	10.0	10.2	10.4	10.1	9.8	9.2	9.1	10.0	9.5	8.8	9.8	8.8	8.4
Farming, forestry, and fishing	7.8	8.1	7.5	7.7	8.1	7.8	8.7	8.4	8.8	10.3	8.2	7.3	6.9
INDUSTRY													
Nonagricultural private wage and salary workers	7.1	7.0	7.0	6.9	6.9	6.7	6.6	7.0	6.8	6.8	6.6	6.2	6.2
Goods-producing industries	9.0	9.2	8.9	8.8	8.4	8.0	7.9	7.8	7.6	7.7	7.3	6.9	6.8
Mining	6.8	5.9	7.2	7.5	6.5	7.2	6.9	5.1	4.0	5.5	6.8	7.6	8.2
Construction	15.1	15.7	14.7	14.1	13.7	12.2	12.7	13.9	13.3	13.5	12.6	11.6	11.8
Manufacturing	7.3	7.3	7.3	7.2	6.9	6.7	6.5	6.1	6.1	6.1	5.8	5.5	5.3
Durable goods	7.4	7.0	7.2	7.3	6.9	6.5	6.3	5.3	5.5	5.7	5.5	5.2	5.0
Nondurable goods	7.1	7.8	7.4	7.2	6.9	7.0	6.8	7.3	7.1	6.8	6.3	5.8	5.6
Service-producing industries	6.4	6.2	6.2	6.2	6.3	6.2	6.2	6.7	6.5	6.4	6.3	6.0	6.0
Transportation and public utilities	4.5	4.9	5.4	5.3	5.5	5.2	5.1	5.5	5.2	4.7	5.6	4.6	4.7
Wholesale and retail trade	7.9	7.5	7.6	7.5	7.9	7.7	7.4	8.1	8.0	7.9	7.7	7.3	7.1
Finance, insurance, and real estate	4.5	3.9	4.2	4.0	3.7	3.7	3.7	3.7	3.6	2.9	3.4	3.5	4.1
Services	6.1	6.0	5.7	5.9	5.9	5.9	5.9	6.6	6.3	6.5	6.1	5.8	5.9
Government workers	3.4	3.4	3.3	2.8	3.1	3.0	3.1	3.8	3.2	3.9	3.5	3.3	3.9
Agricultural wage and salary workers	11.8	11.5	12.1	10.4	11.8	10.3	11.3	13.6	14.3	13.8	10.7	8.3	8.4

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
NUMBER OF UNEMPLOYED													
Job losers and persons who completed temporary jobs	4,845	4,872	4,864	4,699	4,779	4,444	4,442	4,442	4,185	4,037	3,790	3,531	3,664
On temporary layoff	1,131	1,183	1,190	1,112	1,216	963	1,060	1,196	1,109	983	947	785	911
Not on temporary layoff	3,714	3,689	3,674	3,587	3,563	3,481	3,382	3,246	3,075	3,054	2,843	2,746	2,753
Job leavers	940	915	882	926	957	960	932	762	888	873	825	796	782
Reentrants	2,201	2,117	2,081	2,075	2,084	2,084	2,018	2,831	2,898	3,054	3,235	2,838	2,798
New entrants	894	870	834	843	839	833	797	651	641	643	689	609	462
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	54.6	55.5	56.2	55.0	55.2	53.4	54.2	51.1	48.6	46.9	44.4	45.4	47.5
On temporary layoff	12.7	13.5	13.7	13.0	14.0	11.6	12.9	13.8	12.9	11.4	11.1	10.1	11.8
Not on temporary layoff	41.8	42.0	42.4	42.0	41.1	41.8	41.3	37.4	35.7	35.5	33.3	35.3	35.7
Job leavers	10.6	10.4	10.2	10.8	11.1	11.5	11.4	8.8	10.3	10.1	9.7	10.2	10.2
Reentrants	24.8	24.1	24.0	24.3	24.1	25.0	24.6	32.6	33.7	35.5	37.9	36.5	36.3
New entrants	10.1	9.9	9.6	9.9	9.7	10.0	9.7	7.5	7.4	7.5	8.1	7.8	6.0
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers and persons who completed temporary jobs	3.8	3.8	3.8	3.7	3.7	3.5	3.4	3.4	3.2	3.1	2.9	2.7	2.8
Job leavers .....	.7	.7	.7	.7	.7	.7	.7	.6	.7	.7	.6	.6	.6
Reentrants	1.7	1.7	1.6	1.6	1.6	1.6	1.6	2.2	2.2	2.3	2.5	2.2	2.1
New entrants .....	.7	.7	.6	.7	.7	.6	.6	.5	.5	.5	.5	.5	.4

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

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

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

(Numbers in thousands)

Duration	1993							1994					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
NUMBER OF UNEMPLOYED													
Less than 5 weeks	3,232	3,223	3,046	3,052	3,156	2,946	3,063	3,349	2,574	2,758	2,863	2,631	2,850
5 to 14 weeks	2,758	2,543	2,608	2,457	2,491	2,401	2,247	2,336	2,727	2,549	2,434	2,437	2,483
15 weeks and over	3,025	3,007	3,000	3,047	3,030	2,971	2,864	3,027	3,103	3,110	2,951	2,801	2,683
15 to 26 weeks	1,257	1,258	1,259	1,297	1,284	1,216	1,150	1,314	1,359	1,264	1,168	1,093	1,151
27 weeks and over	1,768	1,749	1,741	1,750	1,746	1,755	1,714	1,713	1,744	1,847	1,782	1,708	1,532
Average (mean) duration, in weeks	17.8	17.9	18.3	18.4	18.4	18.9	18.2	18.3	18.7	19.2	19.1	19.6	18.3
Median duration, in weeks	8.3	8.3	8.4	8.9	8.3	8.5	8.2	8.5	9.0	9.1	9.2	9.2	8.9
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	35.9	36.7	35.2	35.7	36.4	35.4	37.5	38.4	30.6	32.8	34.7	33.4	35.6
5 to 14 weeks	30.6	29.0	30.1	28.7	28.7	28.9	27.5	26.8	32.5	30.3	29.5	31.0	31.0
15 weeks and over	33.6	34.3	34.7	35.6	34.9	35.7	35.0	34.7	36.9	37.0	35.8	35.6	33.5
15 to 26 weeks	13.9	14.3	14.5	15.2	14.8	14.6	14.1	15.1	16.2	15.0	14.2	13.9	14.4
27 weeks and over	19.6	19.9	20.1	20.5	20.1	21.1	21.0	19.7	20.8	21.9	21.6	21.7	19.1

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	June 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	
TOTAL										
16 years and over	196,693	132,115	67.2	123,864	63.0	3,679	120,185	8,251	6.2	64,578
16 to 19 years	14,191	8,788	61.9	7,010	49.4	322	6,688	1,778	20.2	5,403
16 to 17 years	7,226	3,758	52.0	2,823	39.1	172	2,651	935	24.9	3,489
18 to 19 years	6,964	5,030	72.2	4,168	60.1	150	4,038	842	16.7	1,934
20 to 24 years	18,379	14,771	80.4	13,332	72.5	427	12,905	1,439	9.7	3,609
25 to 54 years	112,506	93,095	82.7	88,649	78.8	2,174	86,475	4,446	4.8	19,411
25 to 34 years	41,363	34,143	82.5	32,219	77.9	823	31,396	1,924	5.6	7,220
25 to 29 years	19,251	15,929	82.7	14,922	77.5	377	14,545	1,007	6.3	3,323
30 to 34 years	22,112	18,214	82.4	17,297	78.2	447	16,851	917	5.0	3,897
35 to 44 years	41,444	34,956	84.3	33,435	80.7	782	32,653	1,521	4.4	6,488
35 to 39 years	21,826	18,321	83.9	17,515	80.2	451	17,065	806	4.4	3,505
40 to 44 years	19,618	16,635	84.8	15,920	81.1	331	15,589	715	4.3	2,983
45 to 54 years	29,698	23,996	80.8	22,995	77.4	570	22,426	1,001	4.2	5,702
45 to 49 years	18,693	13,919	83.4	13,344	79.9	292	13,052	574	4.1	2,774
50 to 54 years	13,006	10,077	77.5	9,651	74.2	277	9,374	427	4.2	2,928
55 to 64 years	20,618	11,594	56.2	11,149	54.1	386	10,763	445	3.8	9,025
55 to 59 years	10,754	7,208	67.0	6,928	64.4	200	6,728	281	3.9	3,546
60 to 64 years	9,864	4,385	44.5	4,221	42.8	186	4,035	164	3.7	5,479
65 years and over	30,999	3,867	12.5	3,724	12.0	370	3,354	143	3.7	27,131
65 to 69 years	9,771	2,146	22.0	2,065	21.1	166	1,899	81	3.8	7,625
70 to 74 years	8,503	1,003	11.8	966	11.4	105	861	38	3.8	7,499
75 years and over	12,725	718	5.6	693	5.4	99	594	25	3.5	12,007
Men										
16 years and over	94,294	71,549	75.9	67,230	71.3	2,784	64,446	4,319	6.0	22,745
16 to 19 years	7,199	4,564	63.4	3,612	50.2	260	3,352	952	20.9	2,634
16 to 17 years	3,695	1,968	53.3	1,458	39.5	136	1,323	510	25.9	1,727
18 to 19 years	3,504	2,596	74.1	2,154	61.5	124	2,030	442	17.0	908
20 to 24 years	9,073	7,822	86.2	7,077	78.0	342	6,736	745	9.5	1,251
25 to 54 years	55,285	50,627	91.6	48,332	87.4	1,621	46,711	2,295	4.5	4,657
25 to 34 years	20,407	18,796	92.1	17,793	87.2	654	17,140	1,003	5.3	1,611
25 to 29 years	9,460	8,691	91.9	8,200	86.7	316	7,884	491	5.6	769
30 to 34 years	10,947	10,105	92.3	9,593	87.6	338	9,255	512	5.1	843
35 to 44 years	20,396	18,958	92.9	18,187	89.2	562	17,625	769	4.1	1,440
35 to 39 years	10,752	10,014	93.1	9,600	89.3	325	9,275	414	4.1	738
40 to 44 years	9,644	8,943	92.7	8,587	89.0	237	8,350	356	4.0	702
45 to 54 years	14,481	12,875	88.9	12,352	85.3	406	11,946	523	4.1	1,606
45 to 49 years	8,152	7,428	91.1	7,138	87.6	212	6,926	268	3.9	726
50 to 54 years	6,329	5,449	86.1	5,213	82.4	193	5,020	235	4.3	880
55 to 64 years	9,817	6,341	64.6	6,098	62.1	267	5,831	243	3.8	3,476
55 to 59 years	5,187	3,951	76.5	3,796	73.5	132	3,664	155	3.9	1,216
60 to 64 years	4,650	2,390	51.4	2,302	49.5	135	2,167	88	3.7	2,260
65 years and over	12,920	2,194	17.0	2,110	16.3	294	1,816	84	3.8	10,726
65 to 69 years	4,432	1,174	26.5	1,124	25.4	135	989	50	4.3	3,258
70 to 74 years	3,704	577	15.6	555	15.0	79	476	22	3.9	3,127
75 years and over	4,784	443	9.3	431	9.0	80	352	11	2.5	4,341
Women										
16 years and over	102,399	60,566	59.1	56,634	55.3	895	55,739	3,931	6.5	41,834
16 to 19 years	6,992	4,224	60.4	3,398	48.6	62	3,336	825	19.5	2,768
16 to 17 years	3,532	1,790	50.7	1,364	38.6	36	1,328	425	23.6	1,742
18 to 19 years	3,460	2,434	70.3	2,034	58.8	26	2,008	400	16.4	1,027
20 to 24 years	9,307	6,948	74.7	6,255	67.2	85	6,170	694	10.0	2,358
25 to 54 years	57,221	42,488	74.2	40,317	70.5	554	39,763	2,151	5.1	14,753
25 to 34 years	20,956	15,347	73.2	14,425	68.8	169	14,256	922	6.0	5,609
25 to 29 years	9,792	7,238	73.9	6,721	68.6	80	6,641	516	7.1	2,554
30 to 34 years	11,164	8,109	72.6	7,704	69.0	109	7,595	405	5.0	3,055
35 to 44 years	21,048	16,000	76.0	15,248	72.4	220	15,028	751	4.7	5,049
35 to 39 years	11,074	8,307	75.0	7,915	71.5	126	7,789	392	4.7	2,767
40 to 44 years	9,974	7,692	77.1	7,333	73.5	94	7,239	360	4.7	2,282
45 to 54 years	15,217	11,121	73.1	10,644	69.9	164	10,480	477	4.3	4,096
45 to 49 years	8,540	6,492	76.0	6,206	72.7	80	6,126	286	4.4	2,048
50 to 54 years	6,677	4,629	69.3	4,438	66.5	84	4,354	191	4.1	2,048
55 to 64 years	10,601	5,252	48.6	5,050	46.8	119	4,931	202	3.8	5,549
55 to 59 years	5,587	3,257	58.3	3,132	56.1	68	3,063	125	3.9	2,330
60 to 64 years	5,214	1,995	38.3	1,919	36.8	51	1,868	76	3.8	3,219
65 years and over	18,079	1,674	9.3	1,614	8.9	76	1,539	60	3.6	18,405
65 to 69 years	5,339	972	18.2	941	17.6	31	911	30	3.1	4,368
70 to 74 years	4,798	426	8.9	411	8.6	26	385	16	3.6	4,372
75 years and over	7,941	276	3.5	262	3.3	19	243	14	4.9	7,665

**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	June 1994									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
WHITE										
18 years and over	165,472	111,913	87.8	105,894	64.0	3,384	102,510	6,019	5.4	53,559
16 to 19 years	11,266	7,388	65.6	6,157	54.7	299	5,858	1,230	18.6	3,879
16 to 17 years	5,708	3,157	55.3	2,497	43.7	169	2,328	661	20.9	2,551
18 to 19 years	5,558	4,229	76.1	3,660	65.9	131	3,530	569	13.5	1,329
20 to 24 years	14,714	12,260	83.3	11,288	76.7	395	10,894	971	7.9	2,454
25 to 54 years	93,812	78,584	83.8	75,266	80.2	1,960	73,306	3,319	4.2	15,227
25 to 34 years	33,891	28,406	83.8	27,025	79.7	725	26,300	1,382	4.9	5,484
25 to 29 years	15,697	13,207	84.1	12,508	79.7	336	12,172	699	5.3	2,490
30 to 34 years	18,194	15,199	83.5	14,517	79.8	389	14,127	683	4.5	2,995
35 to 44 years	34,554	29,429	85.2	28,307	81.9	696	27,611	1,121	3.8	5,125
35 to 39 years	18,128	15,375	84.8	14,778	81.5	406	14,372	597	3.9	2,750
40 to 44 years	16,428	14,053	85.5	13,530	82.4	290	13,240	524	3.7	2,375
45 to 54 years	25,366	20,750	81.8	19,934	78.6	539	19,395	816	3.9	4,618
45 to 49 years	14,183	11,989	84.5	11,526	81.3	275	11,250	483	3.9	2,193
50 to 54 years	11,185	8,760	78.3	8,408	75.2	264	8,145	352	4.0	2,425
55 to 64 years	17,923	10,206	56.9	9,838	54.9	372	9,464	369	3.6	7,717
55 to 59 years	9,296	8,324	68.0	8,087	65.5	195	5,892	237	3.8	2,972
60 to 64 years	8,627	3,682	45.0	3,750	43.5	177	3,572	132	3.4	4,745
65 years and over	27,757	3,477	12.5	3,346	12.1	358	2,988	130	3.7	24,280
65 to 69 years	8,614	1,925	22.3	1,855	21.5	162	1,692	71	3.7	6,669
70 to 74 years	7,904	920	12.1	882	11.6	99	783	38	4.1	6,684
75 years and over	11,539	631	5.5	610	5.3	97	513	22	3.4	10,908
Men										
16 years and over	80,018	81,383	76.7	58,192	72.7	2,540	55,652	3,171	5.2	18,653
16 to 19 years	5,751	3,844	66.8	3,187	55.4	247	2,939	657	17.1	1,907
16 to 17 years	2,937	1,667	58.7	1,302	44.3	133	1,169	364	21.9	1,271
18 to 19 years	2,814	2,177	77.4	1,884	67.0	114	1,770	293	13.5	636
20 to 24 years	7,359	6,593	89.6	6,062	82.4	319	5,743	531	8.1	766
25 to 54 years	46,871	43,282	92.7	41,588	89.1	1,498	40,130	1,714	4.0	3,389
25 to 34 years	16,926	15,832	93.5	15,093	89.2	567	14,525	739	4.7	1,096
25 to 29 years	7,831	7,310	93.3	6,969	89.0	278	6,692	340	4.7	521
30 to 34 years	9,097	8,522	93.7	8,123	89.3	290	7,834	399	4.7	575
35 to 44 years	17,232	16,184	93.9	15,633	90.7	492	15,141	551	3.4	1,047
35 to 39 years	9,052	8,559	94.5	8,259	91.2	292	7,968	300	3.5	493
40 to 44 years	8,179	7,625	93.2	7,374	90.2	201	7,173	251	3.3	554
45 to 54 years	12,512	11,266	90.0	10,842	86.7	379	10,464	424	3.8	1,245
45 to 49 years	7,023	6,483	92.3	6,249	89.0	195	6,053	235	3.8	539
50 to 54 years	5,489	4,783	87.1	4,594	83.7	183	4,410	189	4.0	706
55 to 64 years	8,618	5,642	65.5	5,448	63.2	253	5,194	194	3.4	2,976
55 to 59 years	4,509	3,505	77.7	3,379	74.9	127	3,253	126	3.6	1,004
60 to 64 years	4,108	2,137	52.0	2,068	50.3	127	1,942	68	3.2	1,972
65 years and over	11,618	2,002	17.2	1,928	16.6	262	1,645	74	3.7	9,618
65 to 69 years	3,927	1,078	27.5	1,037	26.4	131	906	41	3.8	2,848
70 to 74 years	3,327	538	16.2	515	15.5	73	442	23	4.2	2,789
75 years and over	4,364	385	8.8	375	8.6	78	297	10	2.7	3,978
Women										
18 years and over	85,458	50,550	59.2	47,701	55.8	844	46,857	2,649	5.6	34,906
16 to 19 years	5,515	3,542	64.2	2,970	53.9	52	2,919	572	16.2	1,972
18 to 17 years	2,771	1,491	53.8	1,194	43.1	36	1,159	296	19.9	1,280
18 to 19 years	2,744	2,052	74.8	1,776	64.7	18	1,760	276	13.4	692
20 to 24 years	7,356	5,687	77.0	5,226	71.1	76	5,150	440	7.8	1,689
25 to 54 years	47,141	35,302	74.9	33,697	71.5	522	33,175	1,605	4.5	11,839
25 to 34 years	16,963	12,575	74.1	11,932	70.3	158	11,774	643	5.1	4,388
25 to 29 years	7,866	5,697	75.0	5,539	70.4	58	5,481	359	6.1	1,968
30 to 34 years	9,097	6,677	73.4	6,393	70.3	100	6,294	284	4.3	2,420
35 to 44 years	17,322	13,244	76.5	12,674	73.2	204	12,470	570	4.3	4,078
35 to 39 years	9,073	8,618	75.1	8,516	71.8	114	8,404	298	4.4	2,257
40 to 44 years	8,249	6,428	77.9	6,155	74.6	89	6,066	273	4.2	1,821
45 to 54 years	12,856	9,483	73.8	9,091	70.7	160	8,931	392	4.1	3,373
45 to 49 years	7,160	5,508	76.9	5,277	73.7	80	5,197	229	4.2	1,654
50 to 54 years	5,696	3,977	69.8	3,814	67.0	80	3,734	163	4.1	1,719
55 to 64 years	9,305	4,564	49.0	4,389	47.2	119	4,270	175	3.8	4,742
55 to 59 years	4,786	2,818	58.9	2,707	56.6	68	2,639	111	3.9	1,968
60 to 84 years	4,519	1,745	38.6	1,681	37.2	51	1,631	64	3.7	2,774
65 years and over	16,140	1,475	9.1	1,419	8.8	76	1,343	56	3.8	14,665
65 to 69 years	4,687	847	18.1	817	17.4	31	787	29	3.5	3,840
70 to 74 years	4,277	382	8.9	367	8.6	26	341	18	4.1	3,894
75 years and over	7,178	246	3.4	235	3.3	19	215	11	4.5	6,930

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	June 1994									
	Civilian noninstitutional population	Civilian labor force								Not in labor force
		Total	Percent of population	Employed				Unemployed		
				Total	Percent of population	Agriculture	Nonagricultural industries	Number	Percent of labor force	
BLACK										
16 years and over	22,855	14,770	64.6	12,951	56.7	186	12,765	1,819	12.3	8,084
16 to 19 years	2,207	1,075	48.7	905	27.4	13	592	470	43.7	1,131
16 to 17 years	1,143	477	41.7	238	20.8	2	236	239	50.0	666
18 to 19 years	1,064	599	56.3	367	34.5	11	355	232	38.7	465
20 to 24 years	2,602	1,846	71.0	1,477	56.8	28	1,450	369	20.0	755
25 to 54 years	13,482	10,524	78.1	9,618	71.3	131	9,486	907	8.6	2,958
25 to 34 years	5,387	4,201	78.0	3,753	69.7	55	3,698	449	10.7	1,186
25 to 29 years	2,576	2,015	78.2	1,770	68.7	22	1,748	246	12.2	561
30 to 34 years	2,811	2,186	77.8	1,983	70.6	33	1,951	203	9.3	625
35 to 44 years	5,021	4,042	80.5	3,713	74.0	52	3,661	329	8.1	979
35 to 39 years	2,703	2,179	80.6	2,008	74.3	27	1,981	171	7.8	523
40 to 44 years	2,318	1,883	80.3	1,705	73.5	25	1,680	158	8.5	456
45 to 54 years	3,074	2,281	74.2	2,152	70.0	25	2,127	129	5.7	783
45 to 49 years	1,766	1,348	76.3	1,265	71.7	13	1,252	82	6.1	418
50 to 54 years	1,309	933	71.3	886	67.7	12	875	47	5.0	375
55 to 64 years	2,043	1,020	49.9	957	48.9	6	951	63	6.1	1,023
55 to 59 years	1,110	660	59.4	622	56.1	2	620	38	5.7	450
60 to 64 years	933	360	38.6	335	35.9	4	331	25	7.0	573
65 years and over	2,521	304	12.1	293	11.6	7	286	11	3.6	2,217
65 to 69 years	916	175	19.1	166	18.2	4	163	9	5.0	740
70 to 74 years	675	87	9.9	67	10.0	3	64	-	(¹)	608
75 years and over	931	62	6.6	59	6.4	1	59	2	(¹)	869
Men										
16 years and over	10,247	7,203	70.3	6,292	61.4	165	6,127	911	12.6	3,044
16 to 19 years	1,084	566	52.2	313	28.8	9	303	253	44.7	519
16 to 17 years	573	252	44.0	123	21.5	2	121	129	51.1	321
18 to 19 years	512	314	61.3	190	37.0	7	182	124	39.6	198
20 to 24 years	1,191	860	72.2	705	59.2	18	687	154	18.0	331
25 to 54 years	6,100	5,162	84.6	4,704	77.1	124	4,580	459	8.9	937
25 to 34 years	2,424	2,059	85.0	1,852	76.4	55	1,797	207	10.1	365
25 to 29 years	1,142	971	85.1	863	75.6	22	841	109	11.2	170
30 to 34 years	1,282	1,088	84.9	989	77.2	33	957	99	9.1	194
35 to 44 years	2,288	1,993	87.1	1,812	79.2	45	1,767	181	9.1	295
35 to 39 years	1,228	1,048	85.4	962	78.4	24	938	86	8.2	160
40 to 44 years	1,060	945	89.1	850	80.2	21	829	95	10.0	115
45 to 54 years	1,388	1,110	80.0	1,039	74.9	23	1,016	71	6.4	278
45 to 49 years	802	656	81.7	613	76.4	13	600	43	6.5	147
50 to 54 years	585	454	77.6	426	72.9	45	416	28	6.1	131
55 to 64 years	888	485	54.8	447	50.3	6	441	37	7.7	403
55 to 59 years	500	325	65.0	302	60.4	2	300	23	7.1	175
60 to 64 years	388	159	41.1	145	37.4	4	140	14	9.1	228
65 years and over	984	130	13.3	123	12.5	7	116	7	5.5	854
65 to 69 years	409	67	16.4	59	14.5	4	56	8	(¹)	342
70 to 74 years	266	28	10.5	28	10.7	3	25	-	(¹)	238
75 years and over	308	36	11.5	36	11.5	1	35	-	(¹)	273
Women										
16 years and over	12,608	7,568	60.0	6,659	52.8	21	6,638	909	12.0	5,040
16 to 19 years	1,122	510	45.4	292	26.1	4	288	217	42.6	612
16 to 17 years	570	225	39.5	115	20.2	-	115	110	48.8	345
18 to 19 years	552	285	51.6	177	32.1	4	173	108	37.8	267
20 to 24 years	1,411	987	69.9	772	54.7	9	763	215	21.7	424
25 to 54 years	7,383	5,362	72.6	4,914	66.6	8	4,906	448	8.4	2,021
25 to 34 years	2,963	2,142	72.3	1,901	64.1	-	1,901	241	11.3	821
25 to 29 years	1,434	1,044	72.8	907	63.2	-	907	137	13.1	390
30 to 34 years	1,529	1,098	71.8	994	65.0	-	994	104	9.5	431
35 to 44 years	2,733	2,049	75.0	1,901	69.5	6	1,894	148	7.2	684
35 to 39 years	1,475	1,132	76.7	1,047	71.0	3	1,044	85	7.5	343
40 to 44 years	1,258	918	72.9	854	67.9	4	850	63	6.9	341
45 to 54 years	1,686	1,171	69.4	1,113	66.0	2	1,111	58	5.0	515
45 to 49 years	963	692	71.9	653	67.8	-	653	39	5.7	271
50 to 54 years	723	479	66.2	480	63.6	2	458	19	3.9	244
55 to 64 years	1,155	535	46.4	510	44.2	-	510	25	4.7	620
55 to 59 years	610	335	54.9	320	52.5	-	320	15	4.4	275
60 to 64 years	545	201	36.8	190	34.9	-	190	11	5.3	344
65 years and over	1,537	174	11.3	170	11.1	-	170	4	2.2	1,363
65 to 69 years	506	108	21.4	107	21.1	-	107	1	1.2	398
70 to 74 years	408	39	9.6	39	9.6	-	39	-	(¹)	369
75 years and over	623	26	4.2	24	3.8	-	24	2	(¹)	596

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	
	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994
TOTAL								
Civilian noninstitutional population	193,456	196,693	85,872	87,095	94,315	95,407	13,270	14,191
Civilian labor force	129,839	132,115	66,601	66,985	55,226	56,342	8,012	8,788
Percent of population	67.1	67.2	77.6	76.9	58.6	59.1	60.4	61.9
Employed	120,586	123,864	62,486	63,618	51,894	53,236	6,206	7,010
Agriculture	3,460	3,679	2,433	2,524	685	833	342	322
Nonagricultural industries	117,126	120,185	60,053	61,094	51,209	52,403	5,864	6,688
Unemployed	9,252	8,251	4,115	3,367	3,332	3,106	1,806	1,778
Unemployment rate	7.1	6.2	6.2	5.0	6.0	5.5	22.5	20.2
Not in labor force	63,617	64,578	19,271	20,110	39,088	39,065	5,258	5,403
White								
Civilian noninstitutional population	163,857	165,472	73,686	74,265	79,606	79,941	10,565	11,266
Civilian labor force	110,882	111,913	57,594	57,519	46,534	47,008	6,754	7,386
Percent of population	67.7	67.6	78.2	77.5	58.5	58.8	63.9	65.6
Employed	104,063	105,894	54,512	55,006	44,061	44,731	5,490	6,157
Agriculture	3,211	3,384	2,237	2,293	656	792	317	299
Nonagricultural industries	100,853	102,510	52,275	52,713	43,406	43,939	5,172	5,858
Unemployed	6,819	6,019	3,081	2,513	2,473	2,276	1,264	1,230
Unemployment rate	6.1	5.4	5.4	4.4	5.3	4.8	18.7	16.6
Not in labor force	52,975	53,559	16,092	16,746	33,072	32,934	3,811	3,879
Black								
Civilian noninstitutional population	22,313	22,855	9,027	9,162	11,193	11,486	2,092	2,207
Civilian labor force	14,192	14,770	6,553	6,637	6,675	7,058	964	1,075
Percent of population	63.6	64.6	72.6	72.4	59.6	61.4	46.1	48.7
Employed	12,150	12,951	5,714	5,979	5,933	6,367	504	605
Agriculture	166	186	139	156	10	17	17	13
Nonagricultural industries	11,984	12,765	5,575	5,824	5,923	6,350	486	592
Unemployed	2,042	1,819	839	658	742	691	460	470
Unemployment rate	14.4	12.3	12.8	9.9	11.1	9.8	47.7	43.7
Not in labor force	8,121	8,084	2,475	2,525	4,518	4,428	1,129	1,131

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

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

(Numbers in thousands)

Enrollment status, educational attainment, race, and Hispanic origin	June 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	8,059	4,290	53.2	3,590	1,106	2,485	700	348	352	16.3
16 to 19 years	5,155	2,408	46.7	1,884	329	1,555	524	245	279	21.8
20 to 24 years	2,903	1,882	64.8	1,706	776	930	176	103	73	9.4
High school	4,137	1,735	41.9	1,301	164	1,137	434	184	250	25.0
College	3,922	2,555	65.1	2,289	942	1,347	266	164	102	10.4
Full-time students	2,817	1,635	58.0	1,444	482	962	191	132	59	11.7
Part-time students	1,104	920	83.3	845	460	385	75	32	43	8.1
Men, 16 to 24 years	3,800	1,966	51.7	1,589	545	1,043	377	209	169	19.2
16 to 19 years	2,546	1,183	46.4	900	189	711	283	137	145	23.9
20 to 24 years	1,253	783	62.5	688	356	332	95	71	23	12.1
High school	2,149	947	44.1	699	110	589	248	114	134	26.2
College	1,651	1,019	61.7	890	435	454	129	94	35	12.7
Full-time students	1,222	867	54.6	570	237	333	97	77	20	14.6
Part-time students	429	351	82.0	320	199	121	31	17	14	8.9
Women, 16 to 24 years	4,259	2,324	54.6	2,001	560	1,441	323	140	183	13.9
16 to 19 years	2,609	1,226	47.0	984	140	844	241	108	134	19.7
20 to 24 years	1,650	1,099	66.6	1,017	420	597	81	32	49	7.4
High school	1,988	788	39.6	602	54	549	186	70	116	23.8
College	2,271	1,536	67.6	1,399	506	893	137	70	67	8.9
Full-time students	1,595	968	60.7	874	245	629	94	55	39	9.7
Part-time students	676	568	84.1	525	261	264	43	15	29	7.6
White										
Total, 16 to 24 years	6,130	3,530	57.6	3,064	962	2,101	467	229	238	13.2
16 to 19 years	3,954	2,011	50.9	1,664	309	1,355	347	158	189	17.2
20 to 24 years	2,176	1,520	69.8	1,400	654	746	120	71	49	7.9
Men	2,935	1,645	56.0	1,395	494	901	250	131	118	15.2
Women	3,195	1,886	59.0	1,669	468	1,201	217	98	119	11.5
High school	3,115	1,435	46.1	1,131	149	982	304	126	178	21.2
College	3,015	2,096	69.5	1,933	813	1,120	163	103	60	7.8
Full-time students	2,125	1,335	62.9	1,218	410	808	118	86	32	8.8
Part-time students	890	760	85.4	715	403	312	45	17	28	5.9
Black										
Total, 16 to 24 years	1,260	530	42.0	345	93	252	185	98	87	34.9
16 to 19 years	858	299	34.8	147	12	135	152	79	73	50.7
20 to 24 years	403	231	57.3	198	80	117	33	19	15	14.4
Men	538	220	40.8	124	28	96	96	59	36	43.6
Women	722	310	42.9	221	64	156	89	38	51	28.8
High school	738	223	30.2	114	4	110	109	52	57	49.0
College	522	307	58.7	231	89	142	76	45	30	24.6
Full-time students	388	201	51.7	146	47	99	54	39	15	27.1
Part-time students	134	106	79.1	85	42	43	21	6	15	19.9
Hispanic origin										
Total, 16 to 24 years	1,072	451	42.1	352	121	231	100	47	53	22.1
16 to 19 years	750	261	34.8	176	48	128	85	41	44	32.6
20 to 24 years	322	190	59.1	176	73	103	15	6	9	7.7
Men	493	195	39.6	135	52	83	60	28	32	30.7
Women	580	256	44.2	216	69	148	40	19	21	15.6
High school	697	232	33.3	154	44	110	78	33	45	33.6
College	375	219	58.4	197	76	121	22	13	8	9.9
Full-time students	282	133	50.9	117	26	91	16	8	8	12.2
Part-time students	114	88	75.6	81	51	30	5	5	-	6.2

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	June 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	24,511	19,269	78.6	16,752	11,960	4,792	2,517	2,069	448	13.1
16 to 19 years	9,035	6,380	70.6	5,126	2,464	2,662	1,254	930	323	19.7
20 to 24 years	15,476	12,889	83.3	11,626	9,496	2,130	1,263	1,139	124	9.8
Less than a high school diploma	8,377	5,429	64.8	4,157	2,129	2,028	1,272	977	295	23.4
High school graduates, no college	7,565	6,188	81.8	5,527	4,375	1,152	661	590	70	10.7
Less than a bachelor's degree	6,652	5,864	88.1	5,389	3,997	1,392	474	395	79	8.1
College graduates	1,918	1,788	93.2	1,678	1,459	219	110	106	3	6.1
Men, 16 to 24 years	12,472	10,421	83.6	9,101	7,038	2,065	1,320	1,099	221	12.7
16 to 19 years	4,652	3,382	72.7	2,712	1,474	1,238	670	501	188	19.8
20 to 24 years	7,820	7,039	90.0	6,389	5,562	827	650	598	53	9.2
Less than a high school diploma	4,573	3,259	71.3	2,532	1,529	1,003	727	574	154	22.3
High school graduates, no college	3,870	3,439	88.9	3,132	2,672	460	307	287	20	8.9
Less than a bachelor's degree	3,187	2,930	91.9	2,707	2,174	533	224	179	45	7.6
College graduates	842	792	94.1	730	661	69	62	60	2	7.8
Women, 16 to 24 years	12,039	8,848	73.5	7,651	4,924	2,727	1,197	970	227	13.5
16 to 19 years	4,383	2,998	68.4	2,414	990	1,424	584	429	155	19.5
20 to 24 years	7,656	5,850	76.4	5,237	3,935	1,303	613	541	72	10.5
Less than a high school diploma	3,804	2,170	57.0	1,625	600	1,025	545	403	141	25.1
High school graduates, no college	3,695	2,749	74.4	2,395	1,702	693	353	303	50	12.9
Less than a bachelor's degree	3,484	2,933	84.7	2,683	1,824	659	250	216	34	8.5
College graduates	1,077	996	92.5	948	798	150	48	47	1	4.8
White										
Total, 16 to 24 years	19,850	16,116	81.2	14,382	10,327	4,054	1,734	1,399	336	10.8
16 to 19 years	7,312	5,376	73.5	4,493	2,194	2,299	883	831	253	16.4
20 to 24 years	12,538	10,740	85.7	9,889	6,134	1,755	851	768	83	7.9
Men	10,175	8,792	86.4	7,854	6,148	1,706	939	778	161	10.7
Women	9,675	7,323	75.7	6,528	4,180	2,348	795	621	175	10.9
Less than a high school diploma	6,628	4,514	68.1	3,646	1,893	1,753	868	636	233	19.2
High school graduates, no college	6,055	5,075	83.8	4,637	3,708	929	439	397	42	8.6
Less than a bachelor's degree	5,497	4,955	90.1	4,621	3,427	1,195	334	276	58	6.7
College graduates	1,670	1,571	94.1	1,478	1,300	178	94	90	3	6.0
Black										
Total, 16 to 24 years	3,548	2,392	67.4	1,738	1,206	531	654	559	95	27.4
16 to 19 years	1,349	777	57.6	458	197	261	319	258	81	41.1
20 to 24 years	2,199	1,615	73.5	1,280	1,009	271	336	302	34	20.8
Men	1,738	1,206	69.4	894	630	264	312	263	49	25.9
Women	1,811	1,167	65.5	844	577	267	343	297	46	28.9
Less than a high school diploma	1,357	865	63.7	347	148	199	338	285	53	49.3
High school graduates, no college	1,212	895	73.8	700	527	172	195	169	26	21.8
Less than a bachelor's degree	827	671	81.2	562	428	135	109	93	16	16.2
College graduates	152	141	92.6	128	103	25	12	12	-	8.8
Hispanic origin										
Total, 16 to 24 years	3,251	2,357	72.5	1,970	1,481	489	387	323	64	16.4
16 to 19 years	1,073	671	62.5	490	269	221	161	133	48	26.9
20 to 24 years	2,179	1,686	77.4	1,479	1,212	268	207	190	17	12.3
Men	1,731	1,479	85.4	1,250	1,022	227	229	197	32	15.5
Women	1,520	878	57.8	720	458	261	159	126	32	18.0
Less than a high school diploma	1,699	1,134	66.8	880	643	237	255	205	49	22.5
High school graduates, no college	913	684	74.9	811	486	124	73	67	6	10.7
Less than a bachelor's degree	572	484	84.5	426	308	119	57	49	8	11.8
College graduates	68	55	(¹)	53	44	9	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	June 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	101,439	87,314	8,801	5,524	22,425	3,902	16,563	1,960	6,869	1,381
16 to 19 years	2,793	2,353	376	65	4,217	672	3,303	242	1,175	602
16 to 17 years	638	499	117	21	2,185	255	1,792	138	513	423
18 to 19 years	2,156	1,854	259	43	2,032	417	1,511	104	862	180
20 years and over	98,646	84,961	8,225	5,480	18,208	3,230	13,259	1,718	5,694	779
20 to 24 years	10,272	8,987	913	372	3,060	854	2,042	164	1,242	197
25 years and over	88,374	75,973	7,313	5,088	15,148	2,376	11,218	1,555	4,452	582
25 to 54 years	77,660	67,100	8,313	4,248	10,989	2,127	7,787	1,095	4,022	424
55 years and over	10,713	8,873	1,000	840	4,159	249	3,451	460	430	158
Men, 16 years and over	60,097	53,200	4,464	2,433	7,133	1,863	4,838	433	3,763	556
16 to 19 years	1,663	1,420	212	31	1,949	340	1,500	109	638	314
20 years and over	58,433	51,780	4,252	2,402	5,184	1,523	3,337	324	3,125	242
20 to 24 years	5,918	5,270	494	154	1,160	438	663	59	669	76
25 years and over	52,516	46,510	3,756	2,248	4,025	1,086	2,674	265	2,455	167
25 to 54 years	45,976	40,978	3,197	1,801	2,356	953	1,284	119	2,221	75
55 years and over	6,540	5,532	561	447	1,668	132	1,391	146	235	92
Women, 16 years and over	41,343	34,114	4,137	3,091	15,292	2,039	11,725	1,528	3,106	825
16 to 19 years	1,130	933	164	33	2,268	332	1,803	133	537	289
20 years and over	40,213	33,181	3,973	3,058	13,023	1,707	9,822	1,395	2,570	536
20 to 24 years	4,355	3,717	419	218	1,900	417	1,379	104	573	121
25 years and over	35,858	29,464	3,554	2,840	11,123	1,290	8,543	1,290	1,997	415
25 to 54 years	31,884	26,122	3,116	2,446	8,632	1,173	6,483	976	1,802	349
55 years and over	4,174	3,341	439	394	2,491	116	2,060	315	195	66
White										
Men, 16 years and over	52,223	46,196	3,879	2,148	5,970	1,429	4,159	382	2,785	405
16 to 19 years	1,514	1,294	189	30	1,673	296	1,277	100	419	239
20 years and over	50,709	44,901	3,689	2,119	4,297	1,133	2,881	282	2,346	167
20 to 24 years	5,128	4,580	418	130	934	327	556	49	490	41
25 years and over	45,581	40,321	3,271	1,988	3,363	806	2,323	233	1,856	126
25 to 54 years	39,733	35,392	2,781	1,580	1,835	694	1,040	101	1,660	54
55 years and over	5,847	4,929	510	408	1,528	112	1,283	132	197	72
Women, 16 years and over	34,241	28,105	3,490	2,646	13,460	1,641	10,440	1,379	2,211	638
16 to 19 years	988	823	136	30	1,982	292	1,576	114	370	203
20 years and over	33,253	27,282	3,354	2,617	11,478	1,349	8,864	1,265	1,841	436
20 to 24 years	3,859	3,107	364	168	1,567	343	1,142	82	349	91
25 years and over	29,593	24,174	2,990	2,429	9,911	1,006	7,722	1,183	1,492	344
25 to 54 years	26,024	21,333	2,600	2,090	7,673	904	5,881	868	1,319	286
55 years and over	3,569	2,841	389	339	2,238	103	1,641	295	172	59
Black										
Men, 16 years and over	5,464	4,842	421	200	828	328	472	28	790	121
16 to 19 years	99	86	12	2	214	32	176	6	191	62
20 years and over	5,365	4,756	409	199	615	296	297	21	599	59
20 to 24 years	559	481	62	16	146	85	58	4	131	23
25 years and over	4,806	4,276	348	182	468	212	239	17	468	35
25 to 54 years	4,337	3,869	308	160	367	201	158	7	439	19
55 years and over	469	407	40	22	102	10	81	10	29	16
Women, 16 years and over	5,397	4,545	502	350	1,262	273	882	107	749	159
16 to 19 years	111	92	16	3	182	28	140	14	145	72
20 years and over	5,286	4,453	486	347	1,080	245	741	93	604	87
20 to 24 years	530	465	41	24	242	61	168	12	189	25
25 years and over	4,756	3,988	446	322	838	184	573	81	415	62
25 to 54 years	4,288	3,602	408	277	627	174	386	66	394	54
55 years and over	468	386	38	45	212	10	187	15	21	8

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	
	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994
Total	120,586	123,864	65,731	67,230	62,486	63,618	54,855	56,634	51,894	53,236
Managerial and professional specialty	31,878	33,584	16,600	17,376	16,515	17,274	15,278	16,208	15,163	16,054
Executive, administrative, and managerial	15,405	16,432	8,830	9,334	8,805	9,303	6,575	7,098	6,548	7,054
Officials and administrators, public administration	652	630	362	352	362	351	289	278	289	278
Other executive, administrative, and managerial	10,557	11,515	6,534	6,985	6,515	6,958	4,023	4,530	3,999	4,489
Management-related occupations	4,195	4,287	1,933	1,997	1,928	1,994	2,263	2,290	2,260	2,287
Professional specialty	16,473	17,152	7,771	8,042	7,710	7,971	8,703	9,110	8,615	9,000
Engineers	1,742	1,862	1,578	1,704	1,579	1,700	164	159	164	159
Mathematical and computer scientists	1,040	1,131	664	773	664	771	376	358	376	357
Natural scientists	564	550	385	367	385	367	178	183	177	182
Health diagnosing occupations	929	923	726	729	725	729	202	193	203	193
Health assessment and treating occupations	2,529	2,739	356	357	354	356	2,172	2,382	2,169	2,378
Teachers, college and university	670	730	401	445	400	445	269	285	267	284
Teachers, except college and university	4,098	4,021	1,034	952	1,023	940	3,064	3,069	3,028	3,017
Lawyers and judges	830	884	627	639	627	639	202	244	202	245
Other professional specialty occupations	4,073	4,312	1,999	2,076	1,953	2,025	2,075	2,235	2,029	2,185
Technical, sales, and administrative support	37,172	37,142	13,635	13,340	13,058	12,732	23,537	23,803	22,117	22,119
Technicians and related support	4,172	3,813	2,097	1,838	2,078	1,806	2,075	1,975	2,043	1,954
Health technologists and technicians	1,520	1,547	266	267	263	264	1,253	1,280	1,232	1,275
Engineering and science technicians	1,154	1,203	891	947	885	928	263	256	257	254
Technicians, except health, engineering, and science	1,499	1,063	939	624	930	614	559	439	554	425
Sales occupations	14,542	14,820	7,669	7,626	7,290	7,203	6,873	7,194	6,005	6,056
Supervisors and proprietors	4,205	4,544	2,704	2,891	2,688	2,874	1,501	1,653	1,479	1,627
Sales representatives, finance and business services	2,311	2,302	1,400	1,367	1,398	1,357	911	935	896	929
Sales representatives, commodities, except retail	1,541	1,518	1,236	1,156	1,226	1,147	305	363	297	352
Sales workers, retail and personal services	6,392	6,356	2,297	2,189	1,946	1,805	4,095	4,167	3,273	3,074
Sales-related occupations	93	100	32	24	32	21	61	76	60	73
Administrative support, including clerical	18,458	18,510	3,870	3,876	3,690	3,722	14,589	14,634	14,068	14,109
Supervisors	748	695	285	272	285	269	463	423	462	423
Computer equipment operators	656	532	248	214	238	204	408	318	403	306
Secretaries, stenographers, and typists	4,278	4,262	74	102	68	91	4,204	4,159	4,090	4,054
Financial records processing	2,309	2,311	228	194	222	192	2,081	2,118	2,059	2,083
Mail and message distributing	973	912	603	578	586	561	369	335	347	331
Other administrative support, including clerical	9,494	9,797	2,430	2,516	2,292	2,406	7,064	7,281	6,708	6,912
Service occupations	16,813	17,312	6,619	7,018	5,644	5,939	10,195	10,294	9,018	9,004
Private household	941	888	56	22	40	14	885	866	723	734
Protective service	2,141	2,236	1,713	1,841	1,653	1,775	428	395	356	330
Service, except private household and protective	13,731	14,188	4,850	5,156	3,951	4,151	8,882	9,032	7,939	7,940
Food service	5,830	6,078	2,341	2,607	1,669	1,853	3,489	3,471	2,830	2,733
Health service	2,301	2,214	283	266	258	251	2,019	1,948	1,947	1,842
Cleaning and building service	2,987	3,100	1,707	1,695	1,577	1,550	1,281	1,405	1,220	1,335
Personal service	2,612	2,796	519	587	446	496	2,093	2,208	1,942	2,030
Precision production, craft, and repair	13,698	13,611	12,563	12,353	12,297	12,067	1,135	1,258	1,104	1,224
Mechanics and repairers	4,483	4,483	4,331	4,274	4,227	4,177	152	209	151	208
Construction trades	5,319	5,168	5,220	5,055	5,096	4,926	98	113	95	103
Other precision production, craft, and repair	3,897	3,960	3,012	3,024	2,974	2,964	885	937	859	913
Operators, fabricators, and laborers	17,118	18,170	13,020	13,858	12,089	12,694	4,099	4,313	3,947	4,141
Machine operators, assemblers, and inspectors	7,317	7,850	4,498	4,912	4,328	4,725	2,819	2,938	2,768	2,867
Transportation and material moving occupations	5,061	5,175	4,611	4,703	4,511	4,589	449	472	442	463
Motor vehicle operators	3,846	3,911	3,456	3,489	3,376	3,388	389	422	382	413
Other transportation and material moving occupations	1,215	1,264	1,155	1,213	1,136	1,201	60	50	60	50
Handlers, equipment cleaners, helpers, and laborers	4,740	5,146	3,910	4,243	3,249	3,380	830	903	737	811
Construction laborers	714	820	681	791	596	666	33	29	28	28
Other handlers, equipment cleaners, helpers, and laborers	4,026	4,326	3,230	3,452	2,653	2,714	797	874	709	784
Farming, forestry, and fishing	3,906	4,044	3,294	3,285	2,883	2,912	612	759	546	694
Farm operators and managers	1,225	1,479	1,046	1,098	1,031	1,053	179	381	179	363
Other farming, forestry, and fishing occupations	2,680	2,565	2,248	2,187	1,852	1,859	433	378	367	332

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	
	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994
TOTAL						
Total, 16 years and over (thousands)	120,586	123,864	65,731	67,230	54,855	56,634
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	26.4	27.1	25.3	25.8	27.9	28.6
Executive, administrative, and managerial	12.8	13.3	13.4	13.9	12.0	12.5
Professional specialty	13.7	13.8	11.8	12.0	15.9	16.1
Technical, sales, and administrative support	30.8	30.0	20.7	19.8	42.9	42.0
Technicians and related support	3.5	3.1	3.2	2.7	3.8	3.5
Sales occupations	12.1	12.0	11.7	11.3	12.5	12.7
Administrative support, including clerical	15.3	14.9	5.9	5.8	26.6	25.8
Service occupations	13.9	14.0	10.1	10.4	18.6	18.2
Private household .....	.8	.7	.1	(¹)	1.6	1.5
Protective service	1.8	1.8	2.6	2.7	.8	.7
Service, except private household and protective	11.4	11.5	7.4	7.7	16.2	15.9
Precision production, craft, and repair	11.4	11.0	19.1	18.4	2.1	2.2
Operators, fabricators, and laborers	14.2	14.7	19.8	20.6	7.5	7.6
Machine operators, assemblers, and inspectors	6.1	6.3	6.8	7.3	5.1	5.2
Transportation and material moving occupations	4.2	4.2	7.0	7.0	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.9	4.2	5.9	6.3	1.5	1.6
Farming, forestry, and fishing	3.2	3.3	5.0	4.9	1.1	1.3
White						
Total, 16 years and over (thousands)	104,063	105,894	57,365	58,192	46,698	47,701
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	27.4	28.1	26.3	26.8	28.7	29.6
Executive, administrative, and managerial	13.4	13.8	14.1	14.5	12.4	13.0
Professional specialty	14.0	14.2	12.2	12.3	16.3	16.6
Technical, sales, and administrative support	31.1	30.2	20.8	20.0	43.7	42.8
Technicians and related support	3.4	3.1	3.1	2.8	3.8	3.5
Sales occupations	12.6	12.5	12.3	11.9	13.0	13.3
Administrative support, including clerical	15.1	14.6	5.4	5.3	26.9	26.1
Service occupations	12.8	12.8	9.0	9.2	17.4	17.1
Private household .....	.7	.7	.1	(¹)	1.5	1.4
Protective service	1.7	1.7	2.4	2.5	.7	.6
Service, except private household and protective	10.4	10.4	6.5	6.6	15.2	15.0
Precision production, craft, and repair	11.8	11.4	19.8	19.1	2.0	2.1
Operators, fabricators, and laborers	13.5	14.0	18.9	19.8	6.9	7.0
Machine operators, assemblers, and inspectors	5.7	5.9	6.7	7.0	4.6	4.7
Transportation and material moving occupations	4.1	4.1	6.7	6.7	.8	.8
Handlers, equipment cleaners, helpers, and laborers	3.7	4.0	5.5	6.1	1.5	1.5
Farming, forestry, and fishing	3.4	3.5	5.2	5.1	1.2	1.5
Black						
Total, 16 years and over (thousands)	12,150	12,951	6,004	6,292	6,146	6,659
Percent	100.0	100.0	100.0	100.0	100.0	100.0
Managerial and professional specialty	17.9	19.0	14.4	15.7	21.4	22.1
Executive, administrative, and managerial	8.1	8.9	7.5	8.3	8.6	9.4
Professional specialty	9.9	10.2	6.9	7.4	12.8	12.7
Technical, sales, and administrative support	27.9	28.6	18.4	18.2	37.1	38.5
Technicians and related support	3.1	2.8	2.8	1.9	3.4	3.7
Sales occupations	7.5	8.1	6.4	7.1	8.6	9.1
Administrative support, including clerical	17.2	17.7	9.1	9.2	25.2	25.8
Service occupations	23.4	22.9	19.2	20.4	27.4	25.2
Private household	1.3	1.2	.1	(¹)	2.5	2.2
Protective service	3.0	3.0	4.7	5.0	1.3	1.1
Service, except private household and protective	19.1	18.7	14.3	15.4	23.7	21.9
Precision production, craft, and repair	8.3	7.9	14.4	13.7	2.3	2.5
Operators, fabricators, and laborers	20.5	19.7	29.7	28.7	11.5	11.2
Machine operators, assemblers, and inspectors	8.7	8.8	8.7	9.9	8.7	7.7
Transportation and material moving occupations	5.9	5.6	10.8	10.4	1.1	1.2
Handlers, equipment cleaners, helpers, and laborers	5.9	5.3	10.3	8.4	1.6	2.3
Farming, forestry, and fishing	2.0	1.9	3.9	3.3	.3	.5

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	June 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	3,679	104	102	43	19	144	-	11	40	5	43	18	3,152
Mining	673	120	78	27	9	59	-	6	204	12	130	23	5
Construction	7,778	1,120	141	65	60	444	-	33	4,348	81	556	908	22
Manufacturing	20,341	2,547	1,854	601	744	2,075	-	293	3,791	6,429	799	1,111	97
Durable goods	11,817	1,501	1,155	422	314	1,105	-	141	2,618	3,543	422	518	77
Nondurable goods	8,525	1,046	699	179	430	970	-	151	1,173	2,886	377	594	21
Transportation and public utilities	8,767	1,061	472	315	243	2,353	-	213	1,346	121	2,106	524	13
Wholesale and retail trade	25,880	2,292	473	140	10,655	2,291	-	5,167	1,457	326	973	1,999	108
Wholesale trade	4,753	565	96	34	1,884	772	-	44	297	113	459	421	68
Retail trade	21,127	1,726	377	106	8,772	1,519	-	5,123	1,160	213	514	1,578	40
Finance, insurance, and real estate	8,202	2,229	249	165	2,042	2,930	-	278	172	15	20	23	78
Services	42,724	5,629	12,916	2,234	1,017	6,819	888	8,873	2,035	809	474	506	523
Private households	1,087	1	10	3	3	11	888	65	9	-	5	16	75
Other service industries	41,638	5,628	12,905	2,231	1,014	6,808	-	8,808	2,026	809	469	490	448
Professional services	28,461	3,596	11,469	1,960	176	4,974	-	5,115	468	209	286	69	140
Public administration	5,819	1,330	868	224	31	1,395	-	1,550	218	52	73	33	45

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	June 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	1,906	1,712	61	110,985	92,993	1,077	91,916	17,992	9,045	155
16 to 19 years	208	95	20	6,534	6,159	184	5,975	375	144	10
16 to 17 years	116	46	10	2,568	2,432	121	2,311	135	78	5
18 to 19 years	92	49	9	3,967	3,727	63	3,663	240	66	5
20 to 24 years	363	54	9	12,579	11,411	110	11,301	1,167	303	24
25 to 34 years	554	262	7	29,636	25,811	181	25,630	3,825	1,725	35
35 to 44 years	406	368	8	29,903	24,300	186	24,113	5,603	2,717	33
45 to 54 years	231	335	3	20,246	15,568	179	15,389	4,678	2,148	32
55 to 64 years	84	293	10	9,440	7,505	143	7,362	1,935	1,304	19
65 years and over	60	304	6	2,647	2,239	94	2,145	408	704	4
Men, 16 years and over	1,497	1,254	32	58,860	50,489	134	50,355	8,371	5,539	48
16 to 19 years	165	80	15	3,286	3,084	49	3,035	201	59	-
16 to 17 years	93	36	7	1,294	1,223	38	1,185	71	26	3
18 to 19 years	72	44	8	1,992	1,862	12	1,850	130	33	-
20 to 24 years	288	46	8	6,537	5,971	17	5,954	567	182	16
25 to 34 years	460	191	3	16,119	14,294	19	14,275	1,825	1,016	5
35 to 44 years	301	261	-	15,937	13,467	14	13,453	2,470	1,684	5
45 to 54 years	169	237	-	10,594	8,435	14	8,421	2,159	1,350	2
55 to 64 years	67	196	4	5,020	4,102	15	4,087	918	802	9
65 years and over	47	244	3	1,367	1,136	6	1,130	231	446	3
Women, 16 years and over	409	457	29	52,126	42,504	943	41,561	9,622	3,506	107
16 to 19 years	42	15	4	3,249	3,075	135	2,940	174	85	2
16 to 17 years	23	10	-	1,274	1,210	83	1,126	64	52	2
18 to 19 years	19	5	1	1,975	1,865	52	1,814	110	33	-
20 to 24 years	75	9	1	6,041	5,440	94	5,347	601	121	8
25 to 34 years	94	71	4	13,517	11,517	162	11,355	2,000	709	30
35 to 44 years	105	107	8	13,966	10,832	172	10,661	3,134	1,034	28
45 to 54 years	62	99	3	9,652	7,133	164	6,969	2,519	797	30
55 to 64 years	17	97	5	4,420	3,403	128	3,275	1,017	502	9
65 years and over	13	60	3	1,280	1,103	88	1,015	177	258	1

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	June 1994					
	Thousands of persons			Percent distribution		
	All industries	Agriculture	Nonagricultural industries	All industries	Agriculture	Nonagricultural industries
Total, 16 years and over	116,380	3,477	112,903	100.0	100.0	100.0
1 to 34 hours	28,106	940	27,166	24.2	27.1	24.1
1 to 4 hours	1,232	79	1,153	1.1	2.3	1.0
5 to 14 hours	4,177	223	3,954	3.6	6.4	3.5
15 to 29 hours	14,272	432	13,840	12.3	12.4	12.3
30 to 34 hours	8,424	207	8,218	7.2	5.9	7.3
35 hours and over	88,273	2,536	85,737	75.8	72.9	75.9
35 to 39 hours	8,573	148	8,425	7.4	4.3	7.5
40 hours	42,551	694	41,857	36.6	20.0	37.1
41 hours and over	37,149	1,694	35,456	31.9	48.7	31.4
41 to 48 hours	13,763	290	13,473	11.8	8.3	11.9
49 to 59 hours	13,264	486	12,777	11.4	14.0	11.3
60 hours and over	10,123	917	9,206	8.7	26.4	8.2
Average hours, total at work	39.7	44.9	39.5	-	-	-
Average hours, persons who usually work full time	43.6	51.9	43.4	-	-	-

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-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	June 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	28,106	8,601	19,505	27,166	8,336	18,829
Economic reasons	5,063	1,423	3,640	4,870	1,367	3,503
Slack work or business conditions	2,476	1,093	1,384	2,384	1,055	1,329
Could only find part-time work	2,183	-	2,183	2,121	-	2,121
Seasonal work	151	78	73	117	64	53
Job started or ended during week	252	252	-	248	248	-
Noneconomic reasons	23,043	7,178	15,865	22,295	6,969	15,326
Child-care problems	839	71	768	824	71	753
Other family or personal obligations	5,324	695	4,629	5,157	660	4,497
Health or medical limitations	703	-	703	660	-	660
In school or training	4,265	72	4,193	4,169	73	4,096
Retired or Social Security limit on earnings	1,807	-	1,807	1,663	-	1,663
Vacation or personal day	3,640	3,840	-	3,776	3,776	-
Holiday, legal or religious	58	58	-	58	58	-
Weather-related curtailment	165	165	-	138	138	-
All other reasons	6,041	2,276	3,765	5,649	2,192	3,656
Average hours:						
Economic reasons	22.6	23.9	22.0	22.6	23.9	22.1
Other reasons	21.4	25.0	19.8	21.6	25.1	20.0

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	June 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	112,903	27,166	4,870	6,969	15,326	85,737	39.5	43.4
Wage and salary workers	104,369	24,409	4,365	6,556	13,488	79,960	39.4	43.0
Mining	620	61	1	55	6	559	45.6	46.1
Construction	6,089	1,014	344	399	272	5,074	41.3	42.8
Manufacturing	19,138	2,183	358	1,207	618	16,954	42.6	43.6
Durable goods	11,173	1,109	162	702	244	10,064	43.2	43.8
Nondurable goods	7,964	1,074	196	505	374	6,890	41.9	43.3
Transportation and public utilities	7,921	1,169	227	490	452	6,752	42.7	44.4
Wholesale and retail trade	22,825	7,480	1,570	933	4,977	15,344	37.6	43.8
Finance, insurance, and real estate	7,244	1,288	118	484	686	5,956	39.9	42.2
Service industries	35,002	10,403	1,705	2,445	6,252	24,599	37.4	42.1
Private households	1,041	650	145	44	461	391	27.2	43.2
All other industries	33,961	9,753	1,561	2,401	5,791	24,208	37.7	42.1
Public administration	5,530	810	41	542	226	4,720	41.1	42.1
Self-employed workers	8,379	2,659	486	407	1,766	5,720	40.5	48.0
Unpaid family workers	155	98	20	6	72	57	32.0	48.7

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	June 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	112,903	27,166	4,870	6,969	15,326	85,737	39.5	43.4
16 to 19 years	6,398	4,083	736	238	3,109	2,315	27.8	39.6
16 to 17 years	2,501	2,015	262	69	1,684	486	22.3	36.6
18 to 19 years	3,897	2,067	474	169	1,425	1,829	31.4	40.4
20 years and over	106,505	23,083	4,134	6,731	12,217	83,422	40.2	43.5
20 to 24 years	12,385	3,573	1,000	655	1,918	8,812	37.3	41.7
25 years and over	94,120	19,510	3,135	6,076	10,299	74,610	40.6	43.7
25 to 54 years	81,252	15,217	2,761	5,294	7,161	66,036	41.2	43.8
55 years and over	12,868	4,294	373	782	3,139	8,574	36.6	43.0
Men, 16 years and over	61,699	10,209	2,392	3,503	4,313	51,491	42.6	44.9
16 to 19 years	3,227	1,886	361	138	1,387	1,340	29.5	40.2
16 to 17 years	1,249	958	143	48	767	291	23.6	36.7
18 to 19 years	1,978	928	219	89	620	1,050	33.2	41.2
20 years and over	58,472	8,322	2,031	3,366	2,926	50,150	43.3	45.0
20 to 24 years	6,533	1,480	540	333	607	5,053	39.5	42.6
25 years and over	51,940	6,842	1,491	3,033	2,319	45,097	43.8	45.3
25 to 54 years	44,858	5,002	1,309	2,592	1,100	39,856	44.4	45.4
55 years and over	7,081	1,840	182	440	1,219	5,241	39.5	44.2
Women, 16 years and over	51,204	16,957	2,478	3,466	11,013	34,247	35.8	41.1
16 to 19 years	3,171	2,196	374	100	1,722	975	26.1	38.8
16 to 17 years	1,252	1,057	119	21	917	195	20.9	36.4
18 to 19 years	1,919	1,139	255	79	805	780	29.6	39.4
20 years and over	48,033	14,761	2,104	3,366	9,291	33,272	36.4	41.2
20 to 24 years	5,852	2,093	460	322	1,311	3,759	34.7	40.3
25 years and over	42,181	12,668	1,644	3,044	7,980	29,513	36.7	41.3
25 to 54 years	36,394	10,214	1,452	2,702	6,061	26,180	37.2	41.3
55 years and over	5,787	2,453	192	342	1,920	3,333	33.1	41.1
Race								
White, 16 years and over	96,143	23,350	3,843	6,046	13,462	72,793	39.6	43.6
Men	53,228	8,638	1,855	3,096	3,687	44,589	42.9	45.2
Women	42,916	14,712	1,987	2,949	9,775	28,204	35.6	41.2
Black, 16 years and over	12,088	2,729	739	710	1,280	9,359	38.4	41.5
Men	5,907	1,129	395	298	435	4,778	40.0	42.6
Women	6,181	1,600	344	412	844	4,580	36.9	40.4
Marital status								
Men, 16 years and over:								
Married, spouse present	37,913	4,565	860	2,171	1,554	33,326	44.2	45.6
Widowed, divorced, or separated	6,863	1,102	310	449	343	5,761	43.0	44.9
Single (never married)	16,923	4,522	1,222	884	2,416	12,402	38.7	43.1
Women, 16 years and over:								
Married, spouse present	27,291	9,082	877	1,909	6,296	18,209	35.6	40.9
Widowed, divorced, or separated	10,402	2,619	573	839	1,408	7,583	37.7	41.5
Single (never married)	13,511	5,056	1,028	718	3,310	8,455	34.8	41.1

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	June 1994							Total at work	Persons who usually work full time
	Total at work	Worked 1 to 34 hours				Worked 35 hours or more			
		Total	For economic reasons	For noneconomic reasons					
				Usually work full time	Usually work part time				
Total, 16 years and over ¹	112,560	27,013	4,798	6,941	15,274	85,547	39.5	43.4	
Managerial and professional specialty	30,624	5,632	550	2,226	2,856	24,993	42.1	44.6	
Executive, administrative, and managerial	15,706	1,970	162	957	851	13,736	44.4	46.0	
Professional specialty	14,919	3,662	388	1,269	2,006	11,257	39.5	43.0	
Technical, sales, and administrative support	35,189	9,665	1,397	2,199	6,068	25,525	37.9	42.5	
Technicians and related support	3,635	742	78	286	378	2,893	39.6	42.0	
Sales occupations	14,097	4,111	732	625	2,754	9,988	39.5	45.5	
Administrative support, including clerical	17,458	4,811	587	1,287	2,937	12,646	36.3	40.3	
Service occupations	16,349	6,639	1,397	744	4,498	9,709	34.5	42.1	
Private household	856	540	116	30	394	316	26.6	41.9	
Protective service	2,118	345	67	114	164	1,773	42.6	45.0	
Service, except private household and protective	13,375	5,755	1,214	601	3,939	7,620	33.8	41.4	
Precision production, craft, and repair	13,091	1,783	530	827	426	11,307	42.2	43.4	
Operators, fabricators, and laborers	17,307	3,294	924	945	1,425	14,013	41.0	43.6	
Machine operators, assemblers, and inspectors	7,464	1,036	258	423	354	6,428	41.3	42.7	
Transportation and material moving occupations	4,887	787	231	210	345	4,100	44.2	46.8	
Handlers, equipment cleaners, helpers, and laborers	4,956	1,472	434	312	725	3,485	37.3	41.6	
Men, 16 years and over ¹	61,219	10,002	2,341	3,464	4,198	51,217	42.7	44.9	
Managerial and professional specialty	16,450	2,031	210	1,035	785	14,419	45.2	46.7	
Executive, administrative, and managerial	9,001	811	78	479	254	8,190	46.8	47.7	
Professional specialty	7,448	1,220	132	556	531	6,228	43.3	45.3	
Technical, sales, and administrative support	12,843	2,109	390	682	1,037	10,734	42.9	45.4	
Technicians and related support	1,784	236	26	132	79	1,547	42.2	43.3	
Sales occupations	7,350	1,215	239	307	668	6,136	44.5	47.6	
Administrative support, including clerical	3,709	658	125	242	291	3,051	40.0	42.2	
Service occupations	6,753	2,033	598	305	1,130	4,720	37.9	43.1	
Private household	22	14	6	-	8	8	(²)	(²)	
Protective service	1,757	260	53	104	103	1,497	43.6	45.5	
Service, except private household and protective	4,974	1,758	539	201	1,018	3,216	35.9	41.9	
Precision production, craft, and repair	11,892	1,542	477	757	308	10,349	42.5	43.6	
Operators, fabricators, and laborers	13,282	2,287	666	685	936	10,995	41.9	44.3	
Machine operators, assemblers, and inspectors	4,691	510	119	235	155	4,181	42.7	43.7	
Transportation and material moving occupations	4,486	607	188	192	227	3,879	45.0	46.8	
Handlers, equipment cleaners, helpers, and laborers	4,105	1,171	359	258	554	2,934	37.7	41.9	
Women, 16 years and over ¹	51,341	17,011	2,458	3,477	11,076	34,330	35.8	41.1	
Managerial and professional specialty	14,175	3,601	340	1,191	2,071	10,574	38.4	42.0	
Executive, administrative, and managerial	6,704	1,159	84	478	597	5,546	41.3	43.5	
Professional specialty	7,471	2,442	255	713	1,474	5,028	35.8	40.3	
Technical, sales, and administrative support	22,347	7,556	1,008	1,517	5,031	14,791	35.1	40.4	
Technicians and related support	1,851	506	53	154	299	1,345	37.2	40.6	
Sales occupations	6,746	2,896	493	318	2,085	3,850	34.1	42.2	
Administrative support, including clerical	13,749	4,154	462	1,045	2,646	9,596	35.4	39.7	
Service occupations	9,596	4,607	799	440	3,368	4,989	32.2	41.2	
Private household	834	526	110	30	386	308	26.7	41.9	
Protective service	361	85	14	10	61	276	37.6	42.1	
Service, except private household and protective	8,401	3,996	675	400	2,921	4,405	32.5	41.1	
Precision production, craft, and repair	1,199	241	54	69	118	958	38.9	41.2	
Operators, fabricators, and laborers	4,025	1,007	258	260	489	3,018	37.9	41.2	
Machine operators, assemblers, and inspectors	2,773	526	139	187	199	2,247	39.0	40.9	
Transportation and material moving occupations	401	180	43	18	119	221	35.5	46.6	
Handlers, equipment cleaners, helpers, and laborers	851	301	75	55	171	550	35.2	40.2	

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	
	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994
Total, 16 years and over	5,120	4,319	7.2	6.0	4,132	3,931	7.0	6.5
Married, spouse present	1,785	1,427	4.2	3.3	1,448	1,351	4.6	4.2
Widowed, divorced, or separated	652	585	8.4	7.3	892	796	7.6	6.6
Single (never married)	2,683	2,307	13.3	11.2	1,792	1,784	11.6	11.0
White, 16 years and over	3,809	3,171	6.2	5.2	3,009	2,849	6.1	5.6
Married, spouse present	1,467	1,147	3.8	3.0	1,216	1,149	4.3	4.0
Widowed, divorced, or separated	505	420	7.9	6.3	657	572	6.9	6.0
Single (never married)	1,837	1,603	11.1	9.5	1,136	1,127	9.4	9.0
Black, 16 years and over	1,070	911	15.1	12.6	971	909	13.6	12.0
Married, spouse present	222	195	7.1	6.0	164	131	7.0	5.3
Widowed, divorced, or separated	124	137	10.8	11.8	208	199	10.4	9.7
Single (never married)	724	580	25.7	20.6	600	579	21.5	19.0
Total, 25 years and over	3,283	2,622	5.6	4.4	2,629	2,412	5.4	4.9
Married, spouse present	1,708	1,346	4.1	3.3	1,294	1,186	4.3	3.9
Widowed, divorced, or separated	624	562	8.2	7.2	841	723	7.3	6.3
Single (never married)	950	714	9.4	7.2	494	503	7.0	6.8
White, 25 years and over	2,504	1,982	4.9	3.9	1,999	1,836	4.9	4.4
Married, spouse present	1,409	1,086	3.8	3.0	1,090	1,017	4.1	3.8
Widowed, divorced, or separated	484	405	7.8	6.3	623	524	6.8	5.7
Single (never married)	611	489	7.5	6.1	286	295	5.5	5.6
Black, 25 years and over	625	503	11.0	8.7	526	477	9.1	7.9
Married, spouse present	209	181	6.9	5.8	140	112	6.3	4.8
Widowed, divorced, or separated	119	130	10.5	11.5	190	176	9.8	8.9
Single (never married)	298	193	19.3	12.8	196	188	12.2	10.8

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*.

A-27. Unemployed persons by occupation and sex

Occupation	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994
Total, 16 years and over ¹	9,252	8,251	7.1	6.2	7.2	6.0	7.0	6.5
Managerial and professional specialty	958	1,064	2.9	3.1	2.6	2.8	3.2	3.4
Executive, administrative, and managerial	502	407	3.2	2.4	2.7	2.0	3.7	3.0
Professional specialty	456	657	2.7	3.7	2.5	3.7	2.9	3.7
Technical, sales, and administrative support	2,264	2,065	5.7	5.3	5.2	4.4	6.1	5.8
Technicians and related support	188	123	4.3	3.1	4.5	3.8	4.1	2.5
Sales occupations	955	912	6.2	5.8	4.7	3.9	7.8	7.7
Administrative support, including clerical	1,122	1,030	5.7	5.3	6.6	5.6	5.5	5.2
Service occupations	1,404	1,551	7.7	8.2	8.7	8.6	7.0	8.0
Private household	57	77	5.7	7.9	(²)	(²)	6.1	7.8
Protective service	113	107	5.0	4.6	4.5	4.7	6.9	3.7
Service, except private household and protective	1,234	1,368	8.2	8.8	10.2	9.9	7.1	8.2
Precision production, craft, and repair	1,149	828	7.7	5.7	7.5	5.7	10.7	5.9
Mechanics and repairers	217	168	4.6	3.6	4.4	3.6	10.6	3.8
Construction trades	612	473	10.3	8.4	10.3	8.4	11.0	9.4
Other precision production, craft, and repair	320	186	7.6	4.5	6.6	4.0	10.6	5.9
Operators, fabricators, and laborers	1,817	1,592	9.6	8.1	9.4	7.7	10.3	9.2
Machine operators, assemblers, and inspectors	801	582	9.9	6.9	9.2	6.2	10.8	8.1
Transportation and material moving occupations	347	323	6.4	5.9	6.5	5.5	5.3	9.2
Handlers, equipment cleaners, helpers, and laborers	669	687	12.4	11.8	12.7	11.6	11.0	12.5
Construction laborers	129	134	15.3	14.1	15.8	14.2	(²)	(²)
Other handlers, equipment cleaners, helpers, and laborers	539	553	11.8	11.3	12.0	11.0	11.1	12.6
Farming, forestry, and fishing	252	227	6.1	5.3	5.7	4.8	7.7	7.5
No previous work experience	1,364	878	-	-	-	-	-	-
16 to 19 years	992	687	-	-	-	-	-	-
20 to 24 years	228	93	-	-	-	-	-	-
25 years and over	144	98	-	-	-	-	-	-

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*. February - May 1994 corrected unemployment rates for male construction laborers are 27.7, 25.1, 22.7, and 17.4, respectively.

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED**

A-28. Unemployed persons by industry and sex

Industry	Thousands of persons		Unemployment rates					
	Total		Total		Men		Women	
	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994
Total, 16 years and over	9,252	8,251	7.1	6.2	7.2	6.0	7.0	6.5
Nonagricultural private wage and salary workers	6,803	6,129	7.1	6.2	7.3	6.0	6.8	6.4
Mining	47	42	6.6	6.0	7.0	5.7	4.6	7.5
Construction	805	643	13.0	10.2	13.2	10.4	10.7	7.5
Manufacturing	1,464	1,081	7.1	5.2	6.5	4.7	8.3	6.2
Durable goods	851	592	7.2	4.9	6.7	4.5	8.5	6.0
Lumber and wood products	58	46	8.6	6.4	8.7	6.8	8.4	3.9
Furniture and fixtures	69	52	11.0	7.7	12.0	7.4	9.1	8.5
Stone, clay, and glass products	22	24	4.1	4.0	4.2	4.9	3.9	1.1
Primary metal industries	39	41	5.5	5.3	5.2	4.9	7.7	7.2
Fabricated metal products	83	71	6.7	5.3	6.0	4.9	9.4	7.2
Machinery and computing equipment	141	99	5.9	4.0	5.2	3.5	8.7	5.6
Electrical machinery, equipment, and supplies	144	69	7.5	3.6	5.7	2.4	10.0	5.2
Transportation equipment	210	120	8.7	5.3	8.9	4.7	8.0	7.9
Automobiles	89	39	7.1	3.0	7.4	2.5	6.3	4.9
Other transportation equipment	121	81	10.3	8.4	10.4	7.5	10.2	12.4
Professional and photographic equipment	45	23	6.1	3.2	6.3	3.2	5.8	3.3
Other durable goods industries	40	47	6.9	7.7	5.4	7.1	9.1	8.8
Nondurable goods	612	489	7.0	5.6	6.2	5.1	8.2	6.3
Food and kindred products	176	110	8.7	5.7	8.1	4.5	9.7	7.8
Textile mill products	44	34	6.7	5.3	6.6	4.8	6.9	5.8
Apparel and other textile products	118	94	11.0	8.9	10.9	7.3	11.1	9.5
Paper and allied products	36	58	4.8	7.0	4.1	6.8	6.9	7.6
Printing and publishing	103	98	5.7	5.4	5.1	6.2	6.4	4.2
Chemicals and allied products	83	54	6.9	4.0	6.7	4.8	7.3	2.4
Rubber and miscellaneous plastics products	34	33	4.1	4.0	3.7	2.9	4.8	5.9
Other nondurable goods industries	17	9	4.3	3.2	1.5	2.1	9.9	5.3
Transportation and public utilities	309	329	4.5	4.6	5.0	5.1	3.2	3.4
Transportation	224	241	5.5	5.7	5.9	6.1	4.2	4.4
Communications and other public utilities	85	88	3.0	3.1	3.4	3.4	2.3	2.5
Wholesale and retail trade	2,025	1,876	8.1	7.3	7.8	6.3	8.5	8.5
Wholesale trade	274	202	6.0	4.4	5.1	4.3	8.3	4.6
Retail trade	1,751	1,675	8.6	8.0	8.6	6.9	8.6	9.0
Finance, insurance, and real estate	323	296	4.3	3.9	3.8	3.3	4.6	4.2
Service industries	1,830	1,861	6.2	6.0	6.5	6.2	6.0	5.9
Professional services	781	778	4.5	4.3	4.5	4.2	4.5	4.3
Other service industries	1,049	1,083	8.6	8.6	8.2	7.9	9.1	9.3
Agricultural wage and salary workers	192	134	9.3	6.6	8.9	5.9	10.5	8.8
Government, self-employed, and unpaid family workers	892	1,110	3.0	3.7	3.0	3.5	3.0	3.9
No previous work experience	1,364	878	-	-	-	-	-	-

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	
	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994
NUMBER OF UNEMPLOYED												
Total unemployed	9,252	8,251	4,115	3,367	3,332	3,106	1,806	1,778	6,819	6,019	2,042	1,819
Job losers and persons who completed temporary jobs	4,559	3,459	2,751	2,010	1,606	1,305	202	144	3,481	2,725	907	600
On temporary layoff	985	798	611	424	334	337	40	37	830	651	130	118
Not on temporary layoff	3,574	2,661	2,140	1,586	1,272	968	162	107	2,651	2,074	777	481
Permanent job losers	(¹)	1,939	(¹)	1,165	(¹)	717	(¹)	56	(¹)	1,529	(¹)	324
Persons who completed temporary jobs	(¹)	723	(¹)	421	(¹)	251	(¹)	51	(¹)	545	(¹)	157
Job leavers	924	771	415	357	366	330	143	84	710	604	171	134
Reentrants	2,463	3,142	805	937	1,162	1,343	495	862	1,756	2,110	607	846
New entrants	1,307	878	144	63	197	128	966	687	872	581	356	239
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	49.3	41.9	66.9	59.7	48.2	42.0	11.2	8.1	51.1	45.3	44.4	33.0
On temporary layoff	10.6	9.7	14.8	12.6	10.0	10.9	2.2	2.1	12.2	10.8	6.4	6.5
Not on temporary layoff	38.6	32.3	52.0	47.1	38.2	31.2	9.0	6.0	38.9	34.5	38.0	26.5
Job leavers	10.0	9.3	10.1	10.6	11.0	10.6	7.9	4.7	10.4	10.0	8.4	7.4
Reentrants	26.6	38.1	19.6	27.8	34.9	43.2	27.4	48.5	25.7	35.1	29.7	46.5
New entrants	14.1	10.6	3.5	1.9	5.9	4.1	53.5	38.7	12.8	9.7	17.4	13.1
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE												
Job losers and persons who completed temporary jobs	3.5	2.6	4.1	3.0	2.9	2.3	2.5	1.6	3.1	2.4	6.4	4.1
Job leavers .....	.7	.6	.6	.5	.7	.6	1.8	1.0	.6	.5	1.2	.9
Reentrants	1.9	2.4	1.2	1.4	2.1	2.4	6.2	9.8	1.6	1.9	4.3	5.7
New entrants	1.0	.7	.2	.1	.4	.2	12.1	7.8	.8	.5	2.5	1.6

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	June 1994						
	Total unemployed		Duration of unemployment				
	Thousands of persons	Percent	Less than 5 weeks	5 to 14 weeks	15 weeks and over		
					Total	15 to 26 weeks	27 weeks and over
Total, 16 years and over	8,251	100.0	42.3	25.9	31.8	13.1	18.7
Job losers and persons who completed temporary jobs	3,459	100.0	38.0	24.5	37.5	16.2	21.3
On temporary layoff	798	100.0	67.6	20.9	11.6	7.6	4.0
Not on temporary layoff	2,661	100.0	29.2	25.5	45.3	18.7	26.6
Permanent job losers	1,939	100.0	25.6	24.4	50.0	20.2	29.8
Persons who completed temporary jobs	723	100.0	38.7	28.5	32.7	14.9	17.9
Job leavers	771	100.0	46.3	26.6	27.1	11.9	15.2
Reentrants	3,142	100.0	42.3	27.8	30.0	12.1	17.8
New entrants	878	100.0	55.2	24.6	20.1	6.1	14.0
Men, 20 years and over	3,367	100.0	34.7	25.0	40.3	14.9	25.3
Job losers and persons who completed temporary jobs	2,010	100.0	33.9	24.2	41.9	17.1	24.9
On temporary layoff	424	100.0	60.0	24.3	15.8	10.5	5.3
Not on temporary layoff	1,586	100.0	26.9	24.2	48.9	18.8	30.1
Permanent job losers	1,165	100.0	24.4	22.8	52.8	19.3	33.4
Persons who completed temporary jobs	421	100.0	33.8	27.9	38.3	17.5	20.8
Job leavers	357	100.0	43.8	24.0	32.2	13.2	18.9
Reentrants	937	100.0	33.5	26.4	40.1	11.7	28.4
New entrants	63	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Women, 20 years and over	3,106	100.0	39.8	27.7	32.4	14.1	18.4
Job losers and persons who completed temporary jobs	1,305	100.0	42.1	24.3	33.5	15.8	17.8
On temporary layoff	337	100.0	75.4	17.1	7.5	4.8	2.7
Not on temporary layoff	968	100.0	30.5	26.8	42.6	19.6	23.0
Permanent job losers	717	100.0	25.4	26.0	48.6	22.4	26.2
Persons who completed temporary jobs	251	100.0	45.2	29.3	25.5	11.5	13.9
Job leavers	330	100.0	42.9	32.4	24.7	10.4	14.3
Reentrants	1,343	100.0	38.1	30.0	31.9	13.5	18.5
New entrants	128	100.0	26.8	26.6	46.6	13.0	33.6
Both sexes, 16 to 19 years	1,778	100.0	60.8	24.6	14.6	8.1	6.5
Job losers and persons who completed temporary jobs	144	100.0	59.1	29.4	11.5	6.6	4.9
On temporary layoff	37	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Not on temporary layoff	107	100.0	50.8	34.0	15.2	8.8	6.4
Permanent job losers	56	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Persons who completed temporary jobs	51	100.0	(¹)	(¹)	(¹)	(¹)	(¹)
Job leavers	84	100.0	70.4	14.8	14.8	12.2	-
Reentrants	862	100.0	58.2	25.9	15.8	10.5	5.4
New entrants	687	100.0	63.1	23.2	13.7	4.9	8.8

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

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	
	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994	June 1993	June 1994
Total, 16 years and over	9,252	8,251	100.0	100.0	7,684	6,869	100.0	100.0
Less than 5 weeks	3,935	3,486	42.5	42.3	2,914	2,761	37.9	40.2
5 to 14 weeks	2,368	2,141	25.6	25.9	2,036	1,769	26.5	25.8
5 to 10 weeks	1,715	1,448	18.5	17.5	1,461	1,169	19.0	17.0
11 to 14 weeks	653	693	7.1	8.4	575	600	7.5	8.7
15 weeks and over	2,949	2,624	31.9	31.8	2,735	2,338	35.6	34.0
15 to 26 weeks	1,178	1,084	12.7	13.1	1,084	930	14.1	13.5
27 weeks and over	1,771	1,539	19.1	18.7	1,651	1,409	21.5	20.5
27 to 51 weeks	738	602	8.0	7.3	696	540	9.1	7.9
52 weeks and over	1,033	938	11.2	11.4	954	869	12.4	12.6
Average (mean) duration, in weeks	17.1	17.6	-	-	18.6	18.9	-	-
Median duration, in weeks	6.6	7.1	-	-	8.2	7.9	-	-

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*.

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

Sex, age, race, and marital status	June 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	8,251	3,486	2,141	2,624	1,084	1,539	17.6	7.1
16 to 19 years	1,778	1,080	438	259	143	116	8.2	3.7
20 to 24 years	1,439	665	468	307	168	138	11.6	5.4
25 to 34 years	1,924	697	518	709	295	414	19.9	9.7
35 to 44 years	1,521	522	373	626	244	381	22.4	10.1
45 to 54 years	1,001	322	207	471	148	323	26.9	13.1
55 to 64 years	445	137	108	200	66	133	26.2	12.2
65 years and over	143	63	28	52	19	33	20.1	8.0
Men, 16 years and over								
Total, 16 years and over	4,319	1,730	1,083	1,507	581	925	19.7	8.1
16 to 19 years	952	562	241	150	78	72	8.9	3.8
20 to 24 years	745	342	245	159	93	65	10.9	5.8
25 to 34 years	1,003	339	257	407	152	255	22.9	10.1
35 to 44 years	769	251	165	354	128	226	25.7	12.1
45 to 54 years	523	137	99	287	82	205	32.8	18.3
55 to 64 years	243	70	62	111	32	79	27.9	12.7
65 years and over	84	30	14	39	16	23	23.4	13.3
Women, 16 years and over								
Total, 16 years and over	3,931	1,756	1,058	1,117	503	614	15.2	6.0
16 to 19 years	825	519	197	110	66	44	7.4	3.6
20 to 24 years	694	323	223	148	75	73	12.3	5.2
25 to 34 years	922	358	261	303	143	159	16.7	9.0
35 to 44 years	751	271	209	272	116	155	19.0	8.7
45 to 54 years	477	186	108	184	66	118	20.6	9.2
55 to 64 years	202	67	46	89	34	55	24.1	11.4
65 years and over	60	32	14	13	3	10	(¹)	(¹)
Race								
White, 16 years and over								
Total	6,019	2,639	1,528	1,852	771	1,081	17.0	6.6
Men	3,171	1,283	783	1,105	425	680	19.6	8.0
Women	2,849	1,357	746	746	345	401	14.0	5.2
Black, 16 years and over								
Total	1,819	676	511	632	260	373	19.3	8.4
Men	911	350	234	327	126	201	20.8	8.6
Women	909	326	277	306	134	172	17.8	8.1
Marital status								
Men, 16 years and over:								
Married, spouse present	1,427	456	321	650	231	419	26.1	12.1
Widowed, divorced, or separated	585	185	142	258	94	163	24.5	12.1
Single (never married)	2,307	1,089	619	599	256	343	14.6	5.3
Women, 16 years and over:								
Married, spouse present	1,351	563	371	417	195	222	16.1	7.6
Widowed, divorced, or separated	796	301	226	268	112	157	17.8	8.0
Single (never married)	1,784	891	461	432	197	235	13.5	4.5

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	June 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	1,064	432	242	390	169	222	20.0	7.8	
Technical, sales, and administrative support	2,065	780	603	682	305	377	17.3	8.1	
Service occupations	1,551	756	404	391	164	227	14.6	5.0	
Precision production, craft, and repair	828	301	206	321	125	196	21.6	9.7	
Operators, fabricators, and laborers	1,592	605	412	575	232	343	19.9	8.8	
Farming, forestry, and fishing	227	121	41	65	27	38	14.3	4.2	
INDUSTRY¹									
Agriculture	134	75	16	43	16	27	14.5	4.0	
Construction	651	255	173	223	86	138	19.5	7.9	
Manufacturing	1,087	323	309	455	147	308	24.4	11.4	
Durable goods	597	157	154	285	92	193	27.6	13.6	
Nondurable goods	490	165	155	169	54	115	20.4	8.8	
Transportation and public utilities	376	129	68	178	84	94	24.4	12.9	
Wholesale and retail trade	1,895	826	526	543	264	279	15.4	6.6	
Finance, insurance, and real estate	311	121	79	111	49	63	18.6	6.3	
Services	2,362	1,073	634	656	298	358	15.3	6.0	
Public administration	165	51	40	74	24	50	24.3	10.8	
No previous work experience	878	485	216	177	53	123	13.3	4.1	

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	June 1994					
	Total	Age			Sex	
		16 to 24 years	25 to 54 years	55 years and over	Men	Women
Total not in the labor force	64,578	9,012	19,411	36,156	22,745	41,834
Do not want a job now ¹	58,080	6,415	16,426	35,239	20,110	37,970
Want a job ¹	6,498	2,597	2,985	916	2,635	3,864
Did not search for work in previous year	3,762	1,499	1,629	634	1,411	2,352
Searched for work in previous year ²	2,736	1,098	1,357	282	1,224	1,512
Not available to work now	960	473	437	50	366	594
Available to work now	1,777	625	920	232	858	919
Reason not currently looking:						
Discouragement over job prospects ³	532	186	273	74	330	203
Reasons other than discouragement	1,244	439	647	158	528	716
Family responsibilities	202	31	149	22	32	170
In school or training	214	165	49	-	101	113
Ill health or disability	145	19	87	40	68	77
Other ⁴	683	224	362	97	327	355

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	June 1994					
	Both sexes		Men		Women	
	Number	Rate ¹	Number	Rate ¹	Number	Rate ¹
AGE						
Total, 16 years and over ²	7,110	5.7	3,876	5.8	3,234	5.7
16 to 19 years	421	6.0	167	4.6	254	7.5
20 years and over	6,689	5.7	3,709	5.8	2,980	5.6
20 to 24 years	927	7.0	462	6.5	465	7.4
25 years and over	5,762	5.6	3,247	5.7	2,515	5.4
25 to 54 years	5,211	5.9	2,922	6.0	2,289	5.7
55 years and over	550	3.7	324	4.0	226	3.4
55 to 64 years	494	4.4	285	4.7	209	4.1
65 years and over	57	1.5	39	1.9	17	1.1
RACE AND HISPANIC ORIGIN						
White	6,269	5.9	3,436	5.9	2,833	5.9
Black	618	4.8	315	5.0	303	4.5
Hispanic origin	395	3.7	237	3.6	158	3.7
MARITAL STATUS						
Married, spouse present	3,935	5.4	2,448	5.9	1,487	4.8
Widowed, divorced, or separated	1,081	5.8	418	5.6	663	5.9
Single (never married)	2,094	6.4	1,010	5.5	1,084	7.5
FULL- OR PART-TIME STATUS						
Primary job full time, secondary job part time	4,094	-	2,453	-	1,641	-
Primary and secondary jobs both part time	1,499	-	458	-	1,041	-
Primary and secondary jobs both full time	241	-	193	-	48	-
Hours vary on primary or secondary job	1,237	-	755	-	482	-

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							
	June 1993	June 1994	Total		Employed		Unemployed			
			June 1993	June 1994	June 1993	June 1994	Number		Percent of labor force	
							June 1993	June 1994	June 1993	June 1994
VIETNAM-ERA VETERANS										
Total, 40 years and over	7,172	7,391	6,404	6,490	6,130	6,206	273	284	4.3	4.4
40 to 54 years	6,349	6,495	5,935	5,991	5,668	5,722	266	268	4.5	4.5
40 to 44 years	2,288	1,899	2,162	1,740	2,054	1,637	108	102	5.0	5.9
45 to 49 years	2,925	3,162	2,740	2,950	2,614	2,839	125	110	4.6	3.7
50 to 54 years	1,136	1,434	1,033	1,301	1,000	1,246	33	55	3.2	4.3
55 years and over	823	896	469	499	462	484	6	15	1.3	3.1
NONVETERANS										
Total, 40 to 54 years	15,320	16,136	13,907	14,517	13,234	13,953	673	564	4.8	3.9
40 to 44 years	6,752	7,421	6,314	6,909	6,011	6,667	303	243	4.8	3.5
45 to 49 years	4,569	4,768	4,109	4,286	3,909	4,112	200	174	4.9	4.1
50 to 54 years	3,999	3,947	3,484	3,321	3,314	3,174	170	147	4.9	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. 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 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	164.49
1969	37.7	3.04	114.61	43.0	3.60	154.80	37.9	4.79	181.54
1970	37.1	3.23	119.83	42.7	3.85	164.40	37.3	5.24	195.45
1971	36.9	3.45	127.31	42.4	4.06	172.14	37.2	5.69	211.67
1972	37.0	3.70	136.90	42.6	4.44	189.14	36.5	6.06	221.19
1973	36.9	3.94	145.39	42.4	4.75	201.40	36.8	6.41	235.89
1974	36.5	4.24	154.76	41.9	5.23	219.14	36.6	6.81	249.25
1975	36.1	4.53	163.53	41.9	5.95	249.31	36.4	7.31	266.08
1976	36.1	4.86	175.45	42.4	6.46	273.90	36.8	7.71	283.73
1977	36.0	5.25	189.00	43.4	6.94	301.20	36.5	8.10	295.65
1978	35.8	5.69	203.70	43.4	7.67	332.88	36.8	8.66	318.69
1979	35.7	6.16	219.91	43.0	8.49	365.07	37.0	9.27	342.99
1980	35.3	6.66	235.10	43.3	9.17	397.06	37.0	9.94	367.78
1981	35.2	7.25	255.20	43.7	10.04	438.75	36.9	10.82	399.26
1982	34.8	7.68	267.26	42.7	10.77	459.88	36.7	11.63	426.82
1983	35.0	8.02	280.70	42.5	11.28	479.40	37.1	11.94	442.97
1984	35.2	8.32	292.86	43.3	11.63	503.58	37.8	12.13	458.51
1985	34.9	8.57	299.09	43.4	11.98	519.93	37.7	12.32	464.46
1986	34.8	8.76	304.85	42.2	12.46	525.81	37.4	12.48	466.75
1987	34.8	8.98	312.50	42.4	12.54	531.70	37.8	12.71	480.44
1988	34.7	9.28	322.02	42.3	12.80	541.44	37.9	13.08	495.73
1989	34.6	9.66	334.24	43.0	13.26	570.18	37.9	13.54	513.17
1990	34.5	10.01	345.35	44.1	13.68	603.29	38.2	13.77	526.01
1991	34.3	10.32	353.98	44.4	14.19	630.04	38.1	14.00	533.40
1992	34.4	10.57	363.61	43.9	14.54	638.31	38.0	14.15	537.70
1993	34.5	10.83	373.64	44.3	14.60	646.78	38.4	14.37	551.81
Monthly data, not seasonally adjusted									
1993:									
June	34.6	\$10.76	\$372.30	44.2	\$14.59	\$644.88	39.3	\$14.24	\$559.63
July	34.8	10.75	374.10	44.1	14.49	639.01	39.5	14.37	567.62
August	35.1	10.78	378.38	44.9	14.44	646.36	39.6	14.45	572.22
September	34.5	10.91	376.40	44.5	14.54	647.03	38.3	14.52	556.12
October	34.6	10.94	378.52	45.5	14.47	658.39	39.3	14.55	571.82
November	34.5	10.96	378.12	44.7	14.43	645.02	38.6	14.47	558.54
December	34.7	10.97	380.66	44.6	14.67	654.28	38.3	14.46	553.82
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	44.8	14.91	667.97	39.7	14.59	579.22
June ^p	34.8	11.03	383.84	45.3	14.75	668.16	39.7	14.56	578.03

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	136.86
1971	39.9	3.57	3.45	142.44	40.1	4.21	168.82	39.4	3.64	143.42
1972	40.5	3.82	3.66	154.71	40.4	4.65	187.86	39.4	3.85	151.89
1973	40.7	4.09	3.91	166.46	40.5	5.02	203.31	39.2	4.07	159.54
1974	40.0	4.42	4.25	176.80	40.2	5.41	217.48	38.8	4.38	169.94
1975	39.5	4.83	4.87	190.79	39.7	5.88	233.44	38.6	4.72	182.19
1976	40.1	5.22	5.02	209.32	39.8	6.45	256.71	38.7	5.02	194.27
1977	40.3	5.68	5.44	228.90	39.9	6.99	278.90	38.8	5.39	209.13
1978	40.4	6.17	5.91	249.27	40.0	7.57	302.80	38.8	5.88	228.14
1979	40.2	6.70	6.43	269.34	39.9	8.16	325.58	38.8	6.39	247.93
1980	39.7	7.27	7.02	288.62	39.6	8.87	351.25	38.4	6.95	266.88
1981	39.8	7.99	7.72	318.00	39.4	9.70	382.18	38.5	7.55	290.68
1982	38.9	8.49	8.25	330.26	39.0	10.32	402.48	38.3	8.08	309.46
1983	40.1	8.83	8.52	354.08	39.0	10.79	420.81	38.5	8.54	328.79
1984	40.7	9.19	8.82	374.03	39.4	11.12	438.13	38.5	8.88	341.88
1985	40.5	9.54	9.16	386.37	39.5	11.40	450.30	38.4	9.15	351.36
1986	40.7	9.73	9.34	396.01	39.2	11.70	458.64	38.3	9.34	357.72
1987	41.0	9.91	9.48	408.31	39.2	12.03	471.58	38.1	9.59	365.38
1988	41.1	10.19	9.73	418.81	38.8	12.26	475.69	38.1	9.98	380.24
1989	41.0	10.48	10.02	429.68	38.9	12.60	490.14	38.0	10.39	394.82
1990	40.8	10.83	10.37	441.86	38.9	12.97	504.53	38.1	10.79	411.10
1991	40.7	11.18	10.71	455.03	38.7	13.22	511.61	38.1	11.15	424.82
1992	41.0	11.46	10.95	469.86	38.9	13.45	523.21	38.2	11.39	435.10
1993	41.4	11.74	11.18	486.04	39.6	13.63	539.75	38.2	11.73	448.09
Monthly data, not seasonally adjusted										
1993:										
June	41.4	\$11.71	\$11.16	\$484.79	39.7	\$13.57	\$538.73	38.3	\$11.66	\$446.58
July	41.0	11.72	11.18	480.52	40.0	13.63	545.20	38.3	11.73	449.26
August	41.5	11.70	11.13	485.55	40.3	13.62	548.89	38.4	11.75	451.20
September	41.5	11.85	11.24	491.78	39.8	13.67	544.07	38.1	11.80	449.58
October	41.8	11.80	11.19	493.24	39.9	13.66	545.03	38.3	11.81	452.32
November	42.0	11.87	11.26	498.54	39.7	13.69	543.49	38.2	11.80	450.76
December	42.4	12.00	11.36	508.80	39.8	13.74	546.85	38.3	11.85	453.86
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	502.38	39.5	13.80	545.10	38.1	11.87	452.25
April	42.0	12.01	11.39	504.42	39.9	13.78	549.82	38.3	11.99	459.22
May ^o	42.0	12.02	11.40	504.84	40.1	13.79	552.98	38.6	11.99	462.81
June ^o	42.1	12.02	11.39	506.04	40.2	13.75	552.75	38.5	11.92	458.92

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	2.80	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	108.66	36.5	4.06	148.19	33.5	4.02	134.67
1976	32.1	3.57	114.60	36.4	4.27	155.43	33.3	4.31	143.52
1977	31.6	3.85	121.66	36.4	4.54	165.26	33.0	4.65	153.45
1978	31.0	4.20	130.20	36.4	4.89	178.00	32.8	4.99	163.67
1979	30.6	4.53	138.62	36.2	5.27	190.77	32.7	5.36	175.27
1980	30.2	4.88	147.38	36.2	5.79	209.60	32.6	5.85	190.71
1981	30.1	5.25	158.03	36.3	6.31	229.05	32.6	6.41	208.97
1982	29.9	5.48	163.85	36.2	6.78	245.44	32.6	6.92	225.59
1983	29.8	5.74	171.05	36.2	7.29	263.90	32.7	7.31	239.04
1984	29.8	5.85	174.33	36.5	7.63	278.50	32.6	7.59	247.43
1985	29.4	5.94	174.64	36.4	7.94	289.02	32.5	7.90	256.75
1986	29.2	6.03	176.08	36.4	8.36	304.30	32.5	8.18	265.85
1987	29.2	6.12	178.70	36.3	8.73	316.90	32.5	8.49	275.93
1988	29.1	6.31	183.62	35.9	9.06	325.25	32.6	8.88	289.49
1989	28.9	6.53	188.72	35.8	9.53	341.17	32.6	9.38	305.79
1990	28.8	6.75	194.40	35.8	9.97	356.93	32.5	9.83	319.48
1991	28.6	6.94	198.48	35.7	10.39	370.92	32.4	10.23	331.45
1992	28.8	7.12	205.06	35.8	10.82	387.36	32.5	10.54	342.55
1993	28.8	7.29	209.95	35.8	11.35	406.33	32.5	10.79	350.68
Monthly data, not seasonally adjusted									
1993:									
June	29.0	\$7.26	\$210.54	35.6	\$11.23	\$399.79	32.6	\$10.66	\$347.52
July	29.6	7.24	214.30	35.6	11.27	401.21	32.8	10.62	348.34
August	29.7	7.24	215.03	36.4	11.39	414.80	33.1	10.66	352.85
September	28.8	7.32	210.82	35.6	11.41	406.20	32.3	10.83	349.81
October	28.8	7.36	211.97	35.7	11.52	411.26	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 ^p	28.9	7.47	215.88	36.1	11.84	427.42	32.7	11.03	360.68
June ^p	29.1	7.45	216.80	35.5	11.67	414.29	32.5	10.92	354.90

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total	110,372	110,628	110,714	110,923	111,112	111,366	111,610	111,711	111,919	112,298	112,699	112,951	113,330
Total private	91,568	91,802	91,892	92,036	92,239	92,479	92,692	92,810	93,003	93,357	93,718	93,936	94,305
Goods-producing	23,225	23,232	23,207	23,206	23,245	23,281	23,298	23,328	23,327	23,395	23,506	23,513	23,564
Mining¹	608	606	602	605	605	604	618	616	612	609	606	603	604
Metal mining	50	50	47	50	50	50	51	50	50	50	50	50	50
Oil and gas extraction	349	353	357	357	356	355	351	349	346	344	342	338	338
Nonmetallic minerals, except fuels	100	100	100	100	101	101	101	102	101	100	100	101	101
Construction	4,632	4,653	4,659	4,667	4,700	4,733	4,738	4,744	4,745	4,806	4,893	4,906	4,922
General building contractors	1,110	1,110	1,106	1,107	1,120	1,133	1,138	1,139	1,134	1,152	1,163	1,160	1,160
Heavy construction, except building	711	713	711	711	709	712	710	713	709	710	725	724	726
Special trade contractors	2,811	2,830	2,842	2,849	2,871	2,888	2,890	2,892	2,902	2,944	3,005	3,022	3,036
Manufacturing	17,985	17,973	17,946	17,934	17,940	17,944	17,942	17,968	17,970	17,980	18,007	18,004	18,038
Durable goods	10,145	10,135	10,121	10,123	10,135	10,142	10,153	10,182	10,182	10,190	10,216	10,215	10,254
Lumber and wood products	697	699	701	705	709	712	716	723	723	723	726	725	729
Furniture and fixtures	485	486	484	484	485	487	489	492	492	493	493	495	499
Stone, clay, and glass products	515	515	515	516	517	517	518	521	521	523	529	528	529
Primary metal industries	677	676	675	675	675	678	678	679	680	680	678	679	683
Blast furnaces and basic steel products	238	237	236	237	237	238	237	238	236	235	231	230	234
Fabricated metal products	1,329	1,328	1,327	1,328	1,332	1,335	1,338	1,345	1,345	1,348	1,353	1,357	1,364
Industrial machinery and equipment	1,918	1,916	1,912	1,913	1,914	1,916	1,918	1,922	1,925	1,927	1,938	1,940	1,946
Electronic and other electrical equipment	1,515	1,516	1,515	1,516	1,518	1,521	1,524	1,524	1,528	1,535	1,542	1,540	1,547
Transportation equipment	1,741	1,734	1,732	1,730	1,731	1,725	1,724	1,730	1,726	1,723	1,719	1,718	1,726
Motor vehicles and equipment	821	824	829	832	840	843	853	874	868	867	870	868	877
Aircraft and parts	544	537	530	528	522	515	507	502	496	491	486	484	480
Instruments and related products	892	889	886	882	880	877	873	871	868	864	861	857	855
Miscellaneous manufacturing	376	376	374	374	374	374	375	375	374	374	377	376	376
Nondurable goods	7,840	7,838	7,825	7,811	7,805	7,802	7,789	7,786	7,788	7,790	7,791	7,789	7,784
Food and kindred products	1,673	1,674	1,678	1,671	1,678	1,675	1,671	1,667	1,672	1,670	1,667	1,664	1,663
Tobacco products	43	43	42	42	42	42	42	41	40	41	41	40	39
Textile mill products	676	675	672	672	672	671	671	672	673	674	673	671	671
Apparel and other textile products	990	985	980	977	970	966	959	956	954	956	955	957	955
Paper and allied products	691	690	688	687	686	685	685	686	685	684	684	684	684
Printing and publishing	1,513	1,514	1,516	1,515	1,514	1,515	1,514	1,517	1,518	1,521	1,523	1,524	1,525
Chemicals and allied products	1,080	1,081	1,077	1,076	1,073	1,071	1,070	1,065	1,062	1,059	1,057	1,056	1,054
Petroleum and coal products	151	151	150	150	150	151	149	148	148	147	148	148	149
Rubber and misc. plastics products	905	907	905	905	903	909	911	917	920	922	927	931	931
Leather and leather products	118	118	117	116	117	117	117	117	116	116	116	114	113
Service-producing	87,147	87,396	87,507	87,717	87,867	88,085	88,312	88,383	88,592	88,903	89,193	89,438	89,766
Transportation and public utilities	5,789	5,800	5,786	5,783	5,798	5,800	5,792	5,793	5,803	5,816	5,759	5,859	5,870
Transportation	3,585	3,600	3,589	3,590	3,606	3,613	3,611	3,611	3,622	3,638	3,582	3,678	3,695
Railroad transportation	250	252	246	249	246	247	248	247	248	248	246	245	244
Local and interurban passenger transit	377	382	379	371	373	374	376	377	380	382	386	383	392
Trucking and warehousing	1,680	1,690	1,693	1,695	1,712	1,715	1,704	1,705	1,711	1,721	1,665	1,764	1,777
Water transportation	167	167	164	165	166	166	165	165	166	168	166	169	167
Transportation by air	737	735	733	736	734	735	741	739	739	739	738	734	732
Pipelines, except natural gas	18	16	18	18	18	18	18	18	18	18	18	18	18
Transportation services	356	356	356	356	357	358	359	360	360	362	363	365	365
Communications and public utilities	2,204	2,200	2,197	2,193	2,192	2,187	2,181	2,182	2,181	2,178	2,177	2,181	2,175
Communications	1,259	1,256	1,255	1,252	1,252	1,250	1,246	1,249	1,249	1,248	1,250	1,256	1,255
Electric, gas, and sanitary services	945	944	942	941	940	937	935	933	932	930	927	925	920

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Wholesale trade	5,949	5,962	5,954	5,962	5,965	5,971	5,976	5,990	6,003	6,013	6,028	6,037	6,045
Durable goods	3,405	3,412	3,406	3,411	3,410	3,413	3,419	3,424	3,430	3,434	3,445	3,449	3,451
Nondurable goods	2,544	2,550	2,548	2,551	2,555	2,558	2,557	2,566	2,573	2,579	2,583	2,588	2,594
Retail trade	19,695	19,735	19,770	19,805	19,822	19,848	19,931	19,924	19,965	20,026	20,137	20,169	20,271
Building materials and garden supplies	778	782	786	790	794	798	803	808	812	818	829	833	836
General merchandise stores	2,451	2,457	2,452	2,455	2,454	2,451	2,446	2,421	2,433	2,432	2,442	2,438	2,434
Food stores	3,213	3,213	3,218	3,216	3,220	3,210	3,214	3,215	3,223	3,232	3,229	3,237	3,239
Automotive dealers and service stations	2,012	2,020	2,029	2,039	2,048	2,060	2,074	2,084	2,101	2,117	2,132	2,138	2,147
Apparel and accessory stores	1,149	1,149	1,152	1,153	1,148	1,144	1,154	1,146	1,148	1,154	1,146	1,144	1,146
Furniture and home furnishings stores ..	823	829	832	839	844	849	852	855	862	866	876	880	889
Eating and drinking places	6,811	6,825	6,843	6,854	6,850	6,869	6,917	6,928	6,915	6,928	6,995	7,012	7,081
Miscellaneous retail establishments	2,458	2,460	2,458	2,459	2,464	2,467	2,471	2,467	2,471	2,479	2,488	2,487	2,499
Finance, insurance, and real estate	6,704	6,718	6,724	6,735	6,748	6,763	6,769	6,771	6,776	6,781	6,791	6,781	6,792
Finance	3,212	3,222	3,225	3,230	3,240	3,245	3,250	3,252	3,254	3,256	3,259	3,254	3,259
Depository institutions	2,080	2,082	2,076	2,072	2,072	2,068	2,064	2,057	2,050	2,044	2,042	2,038	2,039
Nondepository institutions	445	449	452	457	463	467	472	477	483	486	487	485	485
Security and commodity brokers	465	468	472	475	479	483	486	489	492	496	499	500	503
Holding and other investment offices ..	222	223	225	226	226	227	228	229	229	230	231	231	232
Insurance	2,181	2,183	2,185	2,187	2,187	2,192	2,190	2,187	2,186	2,185	2,189	2,185	2,185
Insurance carriers	1,518	1,521	1,521	1,524	1,525	1,530	1,527	1,525	1,525	1,524	1,527	1,523	1,523
Insurance agents, brokers, and service	663	662	664	663	662	662	663	662	661	661	662	662	662
Real estate	1,311	1,313	1,314	1,318	1,321	1,326	1,329	1,332	1,336	1,340	1,343	1,342	1,348
Services¹	30,206	30,355	30,451	30,545	30,661	30,816	30,926	31,004	31,129	31,326	31,497	31,577	31,763
Agricultural services	510	512	516	522	526	533	538	539	530	528	537	548	549
Hotels and other lodging places	1,593	1,594	1,590	1,596	1,602	1,599	1,599	1,602	1,599	1,608	1,608	1,605	1,614
Personal services	1,135	1,138	1,136	1,131	1,134	1,137	1,140	1,149	1,143	1,138	1,137	1,128	1,126
Business services	5,743	5,799	5,838	5,877	5,950	6,018	6,062	6,092	6,161	6,244	6,318	6,338	6,416
Personnel supply services	1,895	1,937	1,961	1,984	2,033	2,066	2,103	2,130	2,173	2,230	2,282	2,284	2,330
Auto repair, services, and parking	941	947	955	962	965	975	986	992	1,002	1,017	1,026	1,029	1,040
Miscellaneous repair services	362	362	363	364	366	368	370	373	375	375	377	379	380
Motion pictures	411	413	416	421	423	425	432	435	443	450	465	468	477
Amusement and recreation services	1,247	1,254	1,258	1,255	1,249	1,250	1,254	1,251	1,252	1,271	1,275	1,276	1,294
Health services	8,756	8,782	8,802	8,830	8,852	8,873	8,890	8,909	8,922	8,959	8,985	8,997	9,018
Hospitals	3,789	3,790	3,790	3,791	3,790	3,789	3,787	3,788	3,787	3,791	3,794	3,792	3,787
Legal services	928	929	930	934	934	935	934	937	939	940	941	941	939
Educational services	1,680	1,690	1,693	1,697	1,696	1,707	1,708	1,710	1,720	1,730	1,733	1,749	1,763
Social services	2,078	2,109	2,124	2,117	2,121	2,139	2,154	2,162	2,175	2,190	2,205	2,223	2,236
Museums and botanical and zoological gardens	76	76	76	77	77	77	77	77	78	78	79	79	79
Membership organizations	2,036	2,035	2,036	2,035	2,036	2,040	2,040	2,042	2,041	2,044	2,047	2,050	2,061
Engineering and management services	2,535	2,540	2,543	2,553	2,556	2,567	2,567	2,560	2,575	2,580	2,590	2,593	2,597
Government	18,804	18,826	18,822	18,887	18,873	18,887	18,918	18,901	18,916	18,941	18,981	19,015	19,025
Federal	2,908	2,903	2,906	2,902	2,901	2,900	2,915	2,893	2,892	2,884	2,882	2,870	2,858
State	4,476	4,488	4,487	4,518	4,504	4,505	4,511	4,492	4,511	4,520	4,534	4,535	4,541
Education	1,822	1,831	1,831	1,856	1,840	1,841	1,841	1,824	1,838	1,846	1,850	1,852	1,855
Other State government	2,654	2,657	2,656	2,662	2,664	2,664	2,670	2,668	2,673	2,674	2,684	2,683	2,686
Local	11,420	11,435	11,429	11,467	11,468	11,482	11,492	11,516	11,513	11,537	11,565	11,610	11,626
Education	6,357	6,367	6,374	6,383	6,378	6,382	6,390	6,404	6,392	6,410	6,436	6,449	6,459
Other local government	5,063	5,068	5,055	5,084	5,090	5,100	5,102	5,112	5,121	5,127	5,129	5,161	5,167

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			
	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.
Total	53,237	53,388	53,402	53,522	53,572	53,665	53,747	53,843	53,969	53,981	54,097	54,246	54,477
Total private	43,084	43,172	43,224	43,318	43,363	43,442	43,525	43,616	43,713	43,730	43,828	43,959	44,160
Goods-producing	6,549	6,536	6,518	6,510	6,496	6,485	6,485	6,482	6,480	6,475	6,482	6,490	6,506
Mining	89	88	88	88	88	88	88	88	89	87	86	87	86
Construction	516	517	518	519	520	521	523	524	525	526	528	532	539
Manufacturing	5,944	5,931	5,912	5,903	5,888	5,876	5,874	5,870	5,866	5,862	5,868	5,871	5,881
Durable goods	2,715	2,705	2,697	2,688	2,682	2,680	2,681	2,681	2,683	2,685	2,688	2,691	2,700
Lumber and wood products	114	113	113	113	114	114	115	116	117	117	118	117	119
Furniture and fixtures	146	147	147	147	147	147	147	148	149	149	150	150	150
Stone, clay, and glass products	103	103	103	103	103	103	103	102	102	103	103	103	104
Primary metal industries	92	92	91	91	91	91	92	92	92	93	93	94	93
Fabricated metal products	294	293	293	292	292	292	293	294	294	296	296	297	298
Industrial machinery and equipment	420	420	417	415	413	414	413	413	413	413	414	416	418
Electronic and other electrical equipment	644	642	641	640	639	640	641	642	643	642	644	645	649
Transportation equipment	359	356	354	352	351	349	348	347	348	348	349	349	348
Instruments and related products	371	368	366	364	362	360	359	358	356	355	354	353	352
Miscellaneous manufacturing	172	171	172	171	170	170	170	169	169	169	167	167	169
Nondurable goods	3,229	3,226	3,215	3,215	3,206	3,196	3,193	3,189	3,183	3,177	3,180	3,180	3,181
Food and kindred products	543	542	540	540	542	536	542	542	540	538	541	543	541
Tobacco products	15	14	15	14	13	14	14	14	14	13	13	13	13
Textile mill products	324	323	322	322	320	320	320	318	318	319	319	319	318
Apparel and other textile products	772	771	766	763	757	754	747	743	737	733	732	732	732
Paper and allied products	169	169	168	168	168	167	166	167	167	167	166	165	165
Printing and publishing	670	671	670	671	673	672	672	672	673	673	674	676	677
Chemicals and allied products	338	339	338	339	337	337	337	336	337	335	334	332	332
Petroleum and coal products	24	24	24	24	24	24	24	24	24	24	24	24	24
Rubber and misc. plastics products	308	308	307	309	307	307	306	308	308	310	312	312	315
Leather and leather products	66	65	65	65	65	65	65	65	65	65	65	64	64
Service-producing	46,688	46,802	46,884	47,012	47,076	47,180	47,262	47,361	47,489	47,506	47,615	47,756	47,971
Transportation and public utilities	1,694	1,696	1,697	1,698	1,697	1,696	1,701	1,705	1,701	1,697	1,698	1,700	1,699
Wholesale trade	1,817	1,821	1,815	1,817	1,812	1,818	1,822	1,824	1,825	1,831	1,834	1,839	1,846
Retail trade	10,400	10,417	10,425	10,443	10,453	10,473	10,476	10,484	10,512	10,513	10,533	10,554	10,601
Finance, insurance, and real estate	4,234	4,240	4,246	4,255	4,259	4,264	4,268	4,278	4,285	4,281	4,284	4,288	4,293
Services	18,390	18,462	18,523	18,595	18,646	18,706	18,773	18,843	18,910	18,933	18,997	19,088	19,215
Government	10,153	10,166	10,178	10,204	10,209	10,223	10,222	10,227	10,256	10,251	10,269	10,287	10,317
Federal	1,215	1,212	1,208	1,205	1,207	1,206	1,205	1,204	1,210	1,203	1,205	1,203	1,203
State	2,235	2,238	2,235	2,246	2,248	2,257	2,255	2,255	2,259	2,246	2,259	2,267	2,273
Local	6,703	6,716	6,735	6,753	6,754	6,760	6,762	6,768	6,787	6,802	6,805	6,817	6,841

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^P	June ^P
Total private	74,504	74,710	74,801	74,941	75,119	75,323	75,496	75,588	75,783	76,129	76,487	76,692	76,999
Goods-producing	16,261	16,273	16,258	16,275	16,311	16,356	16,385	18,408	16,430	16,507	16,615	16,612	16,664
Mining	430	430	428	430	429	426	438	433	432	430	428	425	428
Construction	3,561	3,582	3,583	3,590	3,621	3,645	3,655	3,655	3,657	3,719	3,796	3,795	3,811
Manufacturing	12,270	12,261	12,247	12,255	12,261	12,285	12,292	12,320	12,341	12,358	12,391	12,392	12,425
Durable goods	6,793	6,784	6,776	6,792	6,806	6,822	6,843	6,869	6,881	6,892	6,924	6,929	6,966
Lumber and wood products	573	574	577	580	584	588	591	597	597	597	600	601	602
Furniture and fixtures	383	383	382	384	384	386	388	389	389	391	390	392	393
Stone, clay, and glass products	396	397	397	398	399	399	400	402	402	404	409	408	410
Primary metal industries	516	514	514	515	516	518	518	519	521	521	520	521	526
Blast furnaces and basic steel products	182	181	181	181	181	181	181	181	180	179	175	174	178
Fabricated metal products	980	979	980	982	984	989	993	998	1,000	1,004	1,009	1,012	1,018
Industrial machinery and equipment	1,162	1,162	1,158	1,162	1,165	1,169	1,174	1,179	1,185	1,187	1,197	1,200	1,208
Electronic and other electrical equipment	969	968	965	969	972	974	979	976	980	982	991	989	994
Transportation equipment	1,107	1,104	1,103	1,103	1,104	1,104	1,106	1,117	1,116	1,115	1,117	1,117	1,126
Motor vehicles and equipment	630	631	635	637	642	645	653	670	669	667	672	669	677
Instruments and related products	437	434	433	431	430	428	426	425	425	424	423	421	421
Miscellaneous manufacturing	270	269	267	268	268	267	268	267	266	267	268	268	268
Nondurable goods	5,477	5,477	5,471	5,463	5,455	5,463	5,449	5,451	5,460	5,466	5,467	5,463	5,459
Food and kindred products	1,221	1,222	1,227	1,223	1,227	1,227	1,224	1,221	1,226	1,229	1,224	1,222	1,218
Tobacco products	32	32	31	31	31	32	31	31	30	31	31	31	28
Textile mill products	575	574	571	572	571	571	570	572	573	574	572	571	572
Apparel and other textile products	829	825	821	818	813	810	803	800	799	801	801	800	798
Paper and allied products	521	521	519	518	517	517	517	518	518	517	518	518	519
Printing and publishing	838	837	838	837	835	835	833	835	836	837	838	835	838
Chemicals and allied products	569	572	571	573	574	577	577	575	575	573	574	575	577
Petroleum and coal products	99	98	98	98	97	98	96	96	95	95	96	96	96
Rubber and misc. plastics products	699	702	701	700	697	703	705	710	715	717	720	724	723
Leather and leather products	94	94	94	93	93	93	93	93	93	92	93	91	90
Service-producing	58,243	58,437	58,543	58,666	58,808	58,967	59,111	59,180	59,353	59,622	59,872	60,080	60,335
Transportation and public utilities	4,845	4,851	4,841	4,837	4,857	4,856	4,841	4,845	4,855	4,870	4,816	4,912	4,916
Wholesale trade	4,794	4,806	4,801	4,809	4,813	4,817	4,824	4,832	4,842	4,853	4,864	4,869	4,874
Retail trade	17,358	17,385	17,418	17,442	17,450	17,460	17,512	17,527	17,565	17,632	17,714	17,749	17,816
Finance, insurance, and real estate	4,863	4,880	4,886	4,899	4,910	4,927	4,932	4,932	4,936	4,943	4,949	4,939	4,960
Services	26,383	26,515	26,597	26,679	26,778	26,907	27,002	27,044	27,155	27,324	27,529	27,611	27,769

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	41.8	41.3	41.3
1991	39.8	39.8	38.5	38.2	46.5	45.4	48.3	52.0	48.9	46.8	46.5	48.1
1992	42.1	48.1	48.3	57.7	53.1	50.4	52.8	46.5	53.4	56.9	52.5	57.3
1993	57.9	81.7	49.0	56.0	57.0	51.1	56.8	50.0	56.7	57.4	61.0	57.4
1994	58.6	58.3	82.9	62.5	^P 54.4	^P 59.8						
Over 3-month span:												
1990	59.0	59.1	52.5	48.9	49.0	47.3	45.9	40.6	38.3	36.2	35.7	35.4
1991	34.3	32.0	31.6	38.2	39.3	44.2	49.4	50.7	50.8	44.9	43.7	40.9
1992	39.7	42.3	51.0	56.2	57.6	54.1	50.4	49.9	51.7	56.2	58.6	58.8
1993	64.0	61.4	59.7	55.8	54.9	57.7	54.6	55.9	55.8	62.4	81.5	60.8
1994	62.1	64.5	65.2	^P 85.0	^P 63.6							
Over 6-month span:												
1990	57.2	54.9	55.8	50.4	48.8	44.0	41.3	38.9	35.8	33.6	32.0	30.2
1991	30.2	32.4	31.2	33.7	39.2	44.7	46.5	45.6	47.8	44.5	41.4	39.9
1992	43.5	48.3	47.2	52.0	54.2	56.8	52.8	53.1	55.8	56.3	64.2	62.2
1993	81.4	60.8	59.0	59.8	54.4	54.5	57.9	58.8	59.7	60.8	62.8	63.6
1994	67.0	^P 65.6	^P 66.7									
Over 12-month span:												
1990	55.5	52.7	51.7	48.5	45.4	42.8	39.3	36.1	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	45.6	45.4
1992	47.2	42.3	42.7	44.1	46.0	52.5	55.8	60.7	59.7	60.4	60.1	60.7
1993	60.0	61.1	60.7	62.2	63.2	62.1	62.4	60.8	63.5	62.8	^P 62.6	^P 62.9
1994												
Manufacturing payrolls, 139 industries¹												
Over 1-month span:												
1990	48.9	47.5	43.9	48.8	40.3	46.8	38.8	42.4	35.8	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	39.8
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	42.6	46.8	50.0	55.4	51.1
1994	54.3	53.6	51.1	56.1	^P 46.9	^P 57.2						
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	39.8	47.1	46.0	48.2	39.9	36.7	33.5
1992	30.9	36.3	45.3	50.7	55.4	53.6	47.1	47.1	42.4	50.0	51.1	55.0
1993	60.1	58.3	51.4	40.6	37.1	43.5	40.3	41.0	43.2	52.9	54.7	56.1
1994	56.1	57.6	56.5	^P 52.9	^P 56.1							
Over 6-month span:												
1990	43.5	39.9	42.8	41.0	38.3	34.2	29.1	25.2	22.3	21.2	18.0	16.9
1991	15.8	20.9	21.2	26.3	34.9	39.2	42.1	40.3	40.3	37.1	32.4	32.7
1992	34.2	37.1	41.0	48.6	52.2	54.7	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	38.6	45.7	47.8	50.4	54.3	55.8
1994	58.3	^P 57.2	^P 59.0									
Over 12-month span:												
1990	37.6	35.3	33.5	33.1	28.1	28.3	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	^P 51.8	^P 52.2
1994												

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				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Total ¹												
Alabama	1,710.1	1,714.0	1,711.8	1,715.7	1,718.0	1,722.3	1,721.6	1,722.2	1,722.7	1,726.4	1,730.2	1,734.7	1,733.1
Alaska	250.0	251.5	253.3	253.7	254.1	254.3	254.1	255.4	255.0	258.2	258.3	256.7	256.1
Arizona	1,566.8	1,577.4	1,580.0	1,582.7	1,589.0	1,587.5	1,591.6	1,593.7	1,597.7	1,604.6	1,615.6	1,623.9	1,628.2
Arkansas	987.2	988.7	983.4	995.0	993.6	995.9	997.7	996.1	1,000.3	1,003.0	1,005.8	1,006.4	1,011.2
California	12,020.8	12,010.3	12,012.0	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	11,958.6
Colorado	1,656.4	1,663.7	1,676.5	1,678.2	1,678.0	1,680.9	1,683.6	1,690.5	1,692.5	1,700.2	1,701.6	1,706.3	1,707.0
Connecticut	1,529.2	1,525.2	1,528.6	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	1,534.8
Delaware	347.0	347.2	349.1	348.8	350.6	349.6	350.3	350.8	350.0	349.6	350.6	354.5	356.2
District of Columbia	669.9	666.9	671.0	667.4	667.4	670.0	668.1	667.0	665.8	665.0	664.2	663.5	663.0
Florida	5,546.0	5,562.3	5,582.2	5,597.7	5,612.1	5,628.6	5,644.9	5,668.3	5,687.8	5,686.3	5,701.5	5,730.5	5,738.8
Georgia	3,062.0	3,087.4	3,117.2	3,126.5	3,138.8	3,155.5	3,163.3	3,170.9	3,176.6	3,201.2	3,214.0	3,224.1	3,234.8
Hawaii	542.1	541.8	541.2	539.1	538.3	539.6	537.3	536.5	534.0	533.4	533.0	533.3	530.2
Idaho	433.8	434.7	438.4	439.5	440.9	445.1	447.5	448.4	451.2	453.1	456.6	458.9	458.5
Illinois	5,307.1	5,303.3	5,325.7	5,329.7	5,335.7	5,354.2	5,359.3	5,374.0	5,352.0	5,372.9	5,375.2	5,376.8	5,383.5
Indiana	2,571.6	2,581.1	2,581.6	2,584.0	2,589.4	2,599.1	2,609.0	2,612.2	2,613.5	2,616.0	2,634.2	2,635.9	2,635.5
Iowa	1,274.5	1,279.3	1,277.1	1,282.0	1,285.2	1,287.1	1,291.5	1,293.4	1,293.1	1,293.8	1,297.7	1,303.3	1,307.8
Kansas	1,130.4	1,136.6	1,140.8	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	1,155.4
Kentucky	1,533.8	1,536.3	1,535.6	1,535.9	1,538.5	1,540.0	1,542.3	1,539.6	1,529.2	1,539.2	1,547.2	1,550.5	1,550.6
Louisiana	1,638.6	1,637.8	1,643.2	1,645.3	1,644.2	1,644.4	1,645.8	1,647.9	1,642.1	1,651.9	1,663.5	1,673.8	1,677.9
Maine	518.9	518.9	519.1	520.3	519.8	521.9	522.2	521.6	517.7	520.9	520.8	524.0	527.0
Maryland	2,100.9	2,086.2	2,101.4	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	2,120.7
Massachusetts	2,831.1	2,834.6	2,657.2	2,860.3	2,866.2	2,869.8	2,870.2	2,868.4	2,891.7	2,892.4	2,897.7	2,917.2	2,920.7
Michigan	3,975.3	3,969.0	3,983.4	3,977.5	3,991.7	3,991.1	4,007.6	4,014.7	4,028.4	4,044.0	4,067.2	4,076.6	4,083.9
Minnesota	2,235.1	2,237.4	2,240.1	2,239.9	2,243.5	2,256.0	2,266.3	2,272.7	2,283.3	2,288.7	2,293.0	2,298.8	2,295.0
Mississippi	995.4	997.9	1,001.1	1,009.2	1,005.0	1,008.7	1,010.1	1,009.9	1,013.6	1,016.4	1,023.0	1,025.0	1,028.9
Missouri	2,392.2	2,399.3	2,401.8	2,408.2	2,413.6	2,419.3	2,422.4	2,430.9	2,421.8	2,430.9	2,436.8	2,456.3	2,462.4
Montana	324.7	326.0	328.9	330.1	329.6	330.2	329.7	331.0	331.2	332.0	332.3	331.4	332.9
Nebraska	760.9	761.3	766.7	768.3	768.1	768.4	767.7	768.9	770.2	766.9	767.0	769.2	771.4
Nevada	661.7	666.2	669.6	674.9	679.1	683.7	688.6	696.5	697.9	702.9	706.1	709.5	710.4
New Hampshire	500.3	501.4	504.1	503.1	501.4	504.4	504.0	504.6	508.8	512.5	514.3	514.0	511.9
New Jersey	3,469.2	3,492.3	3,492.8	3,496.7	3,502.1	3,510.0	3,512.1	3,516.9	3,521.3	3,510.6	3,519.0	3,539.5	3,544.6
New Mexico	622.8	625.5	624.7	626.9	626.6	630.3	630.8	631.4	636.8	639.8	641.8	649.7	651.5
New York	7,738.8	7,733.0	7,752.9	7,743.5	7,737.9	7,748.4	7,759.7	7,764.7	7,775.7	7,779.1	7,793.5	7,796.4	7,802.5
North Carolina	3,233.3	3,243.9	3,262.9	3,270.8	3,270.7	3,279.0	3,287.0	3,294.4	3,293.5	3,295.9	3,317.3	3,319.3	3,329.4
North Dakota	284.4	284.1	285.7	286.0	287.2	286.9	287.1	287.6	287.4	288.8	291.1	291.2	291.2
Ohio	4,907.3	4,905.8	4,902.9	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	4,952.2
Oklahoma	1,238.9	1,243.9	1,248.5	1,246.8	1,241.6	1,240.6	1,241.6	1,241.3	1,249.0	1,247.6	1,247.9	1,256.1	1,261.9
Oregon	1,305.1	1,309.1	1,313.6	1,313.5	1,319.9	1,323.1	1,327.7	1,329.3	1,331.2	1,332.4	1,336.5	1,338.6	1,343.6
Pennsylvania	5,117.3	5,107.9	5,112.5	5,108.3	5,115.0	5,119.9	5,126.6	5,138.4	5,109.8	5,114.6	5,134.5	5,149.2	5,170.9
Rhode Island	428.5	430.0	431.5	431.8	431.8	431.6	431.6	432.0	430.7	430.6	430.5	432.3	434.5
South Carolina	1,566.6	1,571.3	1,578.4	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	1,593.1
South Dakota	311.7	313.8	314.1	316.4	316.8	318.0	318.5	318.6	323.2	324.4	325.5	326.4	327.6
Tennessee	2,317.5	2,323.1	2,331.5	2,336.8	2,342.1	2,353.4	2,358.0	2,365.5	2,362.1	2,370.6	2,372.1	2,377.3	2,387.3
Texas	7,438.4	7,453.9	7,510.5	7,532.6	7,550.3	7,561.9	7,576.1	7,594.4	7,569.3	7,601.9	7,622.9	7,660.2	7,670.0
Utah	798.2	801.7	806.4	809.6	813.3	818.6	825.0	831.7	839.9	842.9	847.1	848.7	851.6
Vermont	257.0	257.3	256.3	256.0	256.8	257.9	257.8	256.8	256.4	256.4	258.9	260.4	258.7
Virginia	2,909.1	2,913.1	2,930.8	2,932.0	2,938.4	2,945.1	2,952.9	2,960.2	2,959.4	2,968.1	2,988.2	2,995.7	3,001.8
Washington	2,245.7	2,251.0	2,254.6	2,254.2	2,266.5	2,264.2	2,268.2	2,269.1	2,270.1	2,275.1	2,277.7	2,275.4	2,281.1
West Virginia	648.5	648.7	644.3	651.9	655.7	657.8	659.5	666.9	663.2	665.1	665.6	667.7	678.2
Wisconsin	2,402.6	2,401.4	2,410.7	2,413.6	2,416.8	2,423.4	2,429.4	2,431.4	2,429.3	2,431.0	2,441.8	2,443.6	2,447.2
Wyoming	208.6	210.0	209.8	208.4	210.9	211.1	212.2	212.3	213.3	213.3	212.0	212.0	211.4

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				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^P
Construction													
Alabama	77.7	78.2	79.6	79.0	78.7	79.3	78.4	78.6	78.9	78.2	78.4	79.4	79.4
Alaska	11.2	11.2	11.6	11.7	11.7	11.8	11.7	11.9	12.4	13.1	13.0	12.9	13.0
Arizona	87.4	88.2	89.5	90.3	91.2	92.7	94.0	95.4	98.1	101.0	101.9	103.2	102.9
Arkansas	37.0	37.7	37.5	37.3	37.0	37.3	37.2	37.1	37.8	38.5	39.4	38.8	39.0
California	447.4	446.4	447.8	447.8	446.0	447.0	446.9	447.1	446.4	450.3	451.6	452.4	452.0
Colorado	84.2	85.5	84.9	85.2	85.2	85.4	85.3	86.7	87.0	85.0	84.3	83.6	82.8
Connecticut	47.0	46.4	46.3	45.9	45.9	45.7	46.3	47.3	47.9	49.1	47.9	48.9	46.2
Delaware	18.6	18.3	18.3	18.3	18.2	18.2	18.3	18.3	17.9	17.4	17.3	17.7	18.2
District of Columbia	8.4	8.3	8.5	8.6	8.5	8.4	8.5	8.6	8.2	8.1	8.4	8.3	8.5
Florida	284.8	285.2	286.9	288.2	289.2	291.1	292.1	294.2	295.1	295.2	298.5	300.1	301.0
Georgia	125.8	126.8	128.9	130.6	132.1	131.5	131.7	133.0	135.7	132.8	138.2	138.1	137.9
Hawaii ²	32.7	32.4	32.2	32.0	31.8	32.0	31.7	31.0	30.7	30.3	29.7	30.0	29.3
Idaho	24.3	24.7	25.1	25.3	25.7	25.5	25.8	25.7	27.3	27.2	28.0	27.7	27.4
Illinois	199.2	199.5	198.1	198.1	198.6	200.8	200.0	201.7	196.2	197.1	201.1	199.1	202.2
Indiana	117.8	119.7	119.1	118.7	118.5	119.7	120.4	119.7	116.8	118.2	122.3	121.6	124.3
Iowa	47.5	48.5	48.3	48.8	49.2	49.6	51.1	50.5	49.4	49.3	50.4	50.7	51.0
Kansas	45.0	45.8	48.2	49.0	48.9	49.3	49.2	48.9	48.5	47.0	47.9	48.5	49.5
Kentucky	69.3	70.3	71.0	70.7	71.0	70.9	70.9	70.5	66.3	67.2	69.1	70.2	70.0
Louisiana	96.7	96.8	96.6	96.2	97.4	98.6	98.5	98.1	96.9	96.7	101.4	102.6	104.5
Maine	21.0	20.4	20.8	20.5	20.4	21.1	21.4	21.7	21.5	21.6	21.5	21.5	22.1
Maryland	119.6	119.2	120.3	120.0	119.7	120.4	121.0	121.6	118.9	117.8	117.3	118.0	117.8
Massachusetts	77.3	77.6	82.4	83.2	83.9	84.8	84.6	85.2	86.0	85.2	84.3	88.5	88.9
Michigan	131.6	131.3	135.9	134.3	134.6	134.2	134.6	133.9	132.7	134.2	136.2	137.0	137.2
Minnesota	78.0	77.8	79.0	78.5	78.7	80.5	81.3	81.8	82.2	82.4	82.6	82.1	81.7
Mississippi	39.0	38.9	38.9	39.9	41.0	42.1	41.6	41.7	41.1	39.8	40.7	41.5	42.4
Missouri	94.7	95.7	95.4	95.8	96.8	97.9	98.4	99.7	99.4	100.9	101.0	102.9	104.6
Montana	13.6	13.7	14.2	14.1	14.2	14.3	14.2	14.2	14.6	14.4	14.1	14.0	14.4
Nebraska	31.3	31.5	32.4	32.4	32.1	32.5	32.5	32.6	32.5	31.0	31.6	32.3	33.1
Nevada	45.9	46.3	47.5	47.7	47.8	47.6	47.2	47.1	48.1	48.0	48.8	48.7	48.1
New Hampshire	16.8	16.8	16.9	18.8	17.0	17.0	17.2	17.6	18.1	18.3	18.3	18.0	17.7
New Jersey	113.5	113.0	113.3	113.7	114.0	116.0	116.4	118.2	116.4	114.5	116.3	120.6	121.1
New Mexico	34.9	35.4	36.1	36.4	36.8	37.3	37.6	38.2	38.4	37.8	38.3	39.0	40.0
New York	241.2	239.5	239.0	238.7	239.4	240.6	240.0	240.3	244.0	242.4	244.1	245.8	244.7
North Carolina	151.5	153.1	155.0	155.9	156.0	156.2	156.5	157.4	159.0	158.1	160.6	161.5	163.0
North Dakota	11.5	11.7	11.6	11.6	11.7	12.0	12.0	12.2	12.4	12.5	13.3	13.5	12.9
Ohio	185.0	184.8	184.4	184.4	184.8	184.7	185.1	185.5	183.1	184.1	182.9	182.8	163.3
Oklahoma	41.9	42.6	42.3	42.2	42.1	42.2	42.4	42.3	43.6	42.5	41.9	43.1	43.9
Oregon	52.6	52.9	54.9	55.6	56.1	55.8	57.1	58.1	57.9	56.6	57.9	57.6	59.3
Pennsylvania	195.8	194.2	197.1	197.0	197.7	198.6	198.8	200.3	194.7	194.8	194.7	200.9	202.3
Rhode Island	12.3	12.5	12.4	12.2	12.2	12.0	11.8	11.2	10.7	10.4	10.3	10.6	11.7
South Carolina	81.4	81.8	83.2	82.5	82.3	81.9	82.0	81.8	81.9	81.4	61.9	83.0	82.6
South Dakota	12.8	13.3	13.2	13.0	12.9	13.2	13.1	13.2	13.1	13.3	13.8	13.9	13.9
Tennessee	93.4	94.7	95.0	94.9	95.9	97.3	97.6	98.2	97.1	96.1	95.9	95.7	96.8
Texas	348.7	350.4	353.3	352.5	352.4	354.7	355.3	356.5	358.5	361.1	364.8	366.0	363.2
Utah	38.3	38.5	38.8	39.3	39.9	40.6	41.9	43.1	43.6	44.5	45.3	46.1	48.7
Vermont	11.4	11.4	12.0	11.8	11.8	11.4	11.3	11.1	10.9	11.0	10.8	10.8	10.9
Virginia	151.1	151.6	153.2	154.0	154.7	155.4	155.8	156.5	156.6	156.0	158.2	159.1	159.4
Washington	115.9	116.7	118.4	119.0	120.1	120.9	121.3	120.9	122.0	121.8	123.0	121.9	123.0
West Virginia	30.9	31.2	31.9	32.7	32.9	33.7	34.3	33.9	31.8	32.2	32.9	33.8	34.5
Wisconsin	91.8	91.7	94.0	94.6	95.5	95.5	95.9	95.2	92.4	91.0	93.9	96.8	98.2
Wyoming	12.1	12.3	12.4	12.3	12.3	12.4	12.5	12.6	12.6	12.5	12.7	12.8	12.6

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				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Manufacturing												
Alabama	384.2	384.1	380.5	383.8	383.4	382.6	382.2	381.8	380.7	381.6	382.9	383.1	383.5
Alaska	15.3	16.5	17.4	16.9	17.2	17.3	16.5	16.5	15.4	18.4	17.5	16.0	14.5
Arizona	174.2	174.2	174.1	174.0	174.0	174.1	174.4	174.7	176.2	176.4	176.4	177.9	178.1
Arkansas	242.9	242.4	243.3	243.3	244.1	244.9	245.5	245.6	247.3	247.0	246.9	248.3	249.0
California	1,812.6	1,806.1	1,803.1	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	1,755.4
Colorado	188.5	188.6	188.1	188.4	187.9	188.1	187.7	188.8	188.7	188.9	188.8	190.3	190.9
Connecticut	294.6	293.4	293.3	291.6	291.9	290.9	289.0	287.9	287.2	285.1	285.9	284.7	286.0
Delaware	65.2	65.2	65.4	65.0	64.7	64.8	64.4	64.2	64.4	63.6	63.7	63.7	63.3
District of Columbia	13.8	13.8	13.8	13.9	13.8	13.9	13.9	14.0	14.1	14.2	14.1	14.2	14.1
Florida	485.0	483.8	484.7	484.3	483.8	483.5	482.6	482.7	480.7	480.6	481.4	482.8	482.6
Georgia	552.5	551.3	555.8	556.1	556.6	556.3	558.0	558.8	559.7	565.6	565.7	566.4	566.9
Hawaii	19.2	19.2	19.2	19.1	19.0	18.8	18.8	18.7	17.8	18.0	18.1	17.9	17.8
Idaho	68.9	69.2	69.4	69.6	69.4	70.0	70.6	70.8	71.1	71.4	72.7	72.8	72.2
Illinois	929.5	928.9	935.1	935.0	934.8	936.5	937.1	940.2	942.1	941.3	941.5	940.0	939.3
Indiana	636.5	638.3	637.6	638.3	638.5	638.7	640.6	642.0	644.1	647.8	647.2	649.7	649.6
Iowa	235.3	235.9	234.4	236.2	236.8	237.1	238.0	238.4	240.4	241.1	242.1	242.4	243.5
Kansas	182.4	182.7	182.4	182.2	182.0	181.5	181.2	181.2	181.9	182.0	182.2	182.1	182.4
Kentucky	292.5	292.0	292.3	293.0	293.0	292.7	293.3	292.8	293.3	293.2	294.1	295.2	295.1
Louisiana	183.4	183.7	185.7	186.5	186.3	186.7	186.5	186.7	186.3	186.4	187.2	187.8	187.7
Maine	91.2	90.9	91.0	91.1	90.9	91.6	91.8	91.8	91.2	92.4	92.7	92.5	92.7
Maryland	180.6	179.2	178.5	178.4	178.2	178.1	177.9	177.7	177.8	177.5	177.0	177.3	177.4
Massachusetts	456.7	454.9	453.1	451.3	450.3	449.8	447.6	446.1	445.7	445.5	445.5	446.8	447.1
Michigan	898.7	895.7	896.7	894.2	894.3	897.1	906.5	911.4	931.2	929.8	934.2	935.6	930.1
Minnesota	405.7	404.0	405.2	403.5	404.4	405.7	407.0	406.3	410.6	410.5	410.2	410.5	411.4
Mississippi	255.2	254.5	253.4	253.8	253.5	254.6	255.4	255.5	256.3	257.1	258.0	256.7	257.3
Missouri	411.0	411.6	410.4	410.5	410.6	412.1	412.8	412.8	411.4	412.1	412.4	412.3	410.4
Montana	23.0	22.9	23.1	23.0	23.0	23.1	22.7	22.7	22.9	23.0	23.0	22.6	22.5
Nebraska	102.4	102.6	103.0	103.3	104.0	104.0	104.1	104.0	103.9	104.2	104.0	104.1	103.9
Nevada	29.1	29.2	29.9	30.2	30.5	30.4	30.4	30.5	30.6	30.8	31.0	31.6	31.7
New Hampshire	96.9	96.6	97.7	96.9	96.6	96.7	97.1	97.1	97.1	97.9	98.1	98.1	96.2
New Jersey	517.8	516.3	516.2	515.0	515.1	513.9	512.9	512.6	514.9	511.0	509.7	510.4	509.8
New Mexico	42.3	42.7	42.2	42.8	43.3	43.4	43.5	43.4	43.4	43.6	43.4	44.0	43.7
New York	986.4	978.4	982.8	978.9	975.9	973.7	972.5	971.4	965.5	965.0	961.8	960.0	958.4
North Carolina	846.3	847.3	849.8	846.3	847.1	847.5	849.1	847.9	847.7	847.6	851.9	851.1	850.5
North Dakota	19.5	19.4	19.6	19.6	19.6	19.5	19.6	19.7	19.8	20.1	20.5	20.9	20.8
Ohio	1,048.6	1,045.9	1,048.5	1,046.9	1,046.7	1,044.6	1,046.0	1,047.4	1,050.3	1,052.9	1,053.0	1,052.5	1,052.1
Oklahoma	187.6	167.5	168.5	168.3	168.3	169.1	169.4	189.7	170.1	188.5	189.1	169.2	169.4
Oregon	209.9	209.9	209.5	209.6	211.3	212.9	212.5	214.1	214.8	216.1	216.5	216.6	218.0
Pennsylvania	944.3	940.1	940.5	936.3	936.1	935.0	934.8	935.7	936.1	935.4	936.8	934.3	936.4
Rhode Island	88.3	86.2	86.5	87.1	86.6	86.7	86.3	86.4	86.7	86.7	86.5	86.5	86.0
South Carolina	375.4	375.1	374.4	374.4	373.9	372.2	371.5	371.8	371.7	374.4	372.3	371.7	370.7
South Dakota	39.5	39.7	39.7	40.3	40.2	40.7	41.2	41.3	41.8	41.9	42.4	42.4	42.4
Tennessee	527.1	527.5	529.4	530.5	530.8	531.5	532.9	534.4	534.8	537.6	537.5	539.0	537.8
Texas	985.1	985.7	988.3	987.5	992.6	994.0	995.3	997.0	994.5	995.8	997.6	1,000.1	999.9
Utah	107.7	107.7	108.3	108.5	109.2	109.9	110.8	111.6	114.2	114.2	115.0	115.2	115.4
Vermont	43.6	43.7	43.4	43.2	43.3	43.3	43.3	43.6	43.2	43.2	43.1	42.8	42.8
Virginia	405.9	405.7	408.5	405.8	405.2	405.9	406.5	405.2	406.4	403.3	401.9	399.8	401.3
Washington	342.4	340.9	340.1	338.5	338.6	338.5	337.0	335.2	335.6	333.9	333.8	332.5	330.7
West Virginia	83.2	82.9	82.7	82.7	82.7	82.5	82.8	82.6	81.5	81.3	81.3	81.4	81.9
Wisconsin	558.4	556.7	559.5	559.7	559.1	561.1	562.3	563.2	566.0	568.5	567.9	568.2	568.3
Wyoming	9.4	9.4	9.5	9.5	9.5	9.5	9.4	9.4	9.6	9.8	9.9	9.9	9.9

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

State	1993								1994				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Transportation and public utilities												
Alabama	84.7	84.9	85.1	85.0	85.2	85.3	85.5	85.2	85.0	84.9	85.1	85.2	85.0
Alaska	23.1	22.9	22.9	22.9	22.9	22.8	22.8	22.9	23.0	23.2	23.4	23.1	23.4
Arizona	78.3	78.0	77.7	77.2	77.9	77.5	76.9	76.6	78.6	78.6	78.5	78.7	79.2
Arkansas	57.0	56.8	57.2	57.2	57.2	56.9	56.8	57.1	56.3	56.4	56.6	56.1	56.9
California	602.8	602.5	602.2	600.8	600.6	600.1	597.5	597.9	600.1	599.3	598.9	591.8	595.8
Colorado	103.4	103.8	104.4	104.8	104.5	104.0	104.7	104.9	104.2	105.1	105.0	103.1	103.7
Connecticut	68.8	68.8	69.5	69.7	69.5	69.4	69.3	69.3	69.2	69.3	68.4	69.5	68.9
Delaware	15.0	14.8	14.8	14.6	14.9	15.0	15.1	14.9	14.8	15.1	14.9	15.0	15.1
District of Columbia	21.6	21.6	21.3	21.2	21.1	21.1	20.8	20.8	20.8	20.7	20.8	20.9	20.7
Florida	286.5	286.9	285.9	284.9	285.2	285.7	287.0	289.9	283.7	285.0	286.4	286.4	286.0
Georgia	201.3	201.9	201.7	202.0	203.6	203.1	203.4	202.9	203.6	205.4	206.2	203.5	207.6
Hawaii	41.1	41.2	41.3	41.0	40.9	40.6	40.1	39.8	39.9	39.8	40.1	40.3	40.0
Idaho	20.8	20.8	20.7	20.7	20.8	21.1	21.4	21.4	21.1	21.0	21.1	21.3	21.6
Illinois	310.0	310.1	309.2	309.6	312.0	311.2	312.2	313.8	312.1	313.2	312.8	306.1	312.4
Indiana	132.5	132.8	133.1	133.7	133.9	134.7	135.0	135.0	135.3	135.3	135.7	132.9	135.3
Iowa	56.6	56.7	57.0	57.0	57.2	57.0	56.9	56.9	56.8	56.9	57.2	57.3	57.5
Kansas	65.3	65.7	66.8	66.8	67.0	67.1	67.3	67.7	68.0	68.3	68.1	68.2	68.7
Kentucky	82.4	82.5	82.3	81.8	82.4	82.4	82.6	82.5	81.8	82.9	82.9	83.1	82.9
Louisiana	105.4	105.0	105.4	105.5	105.1	105.8	105.7	106.3	105.7	106.1	106.8	106.6	107.3
Maine	22.1	22.1	22.0	22.1	22.1	21.6	21.8	21.9	21.4	21.5	21.3	20.9	21.1
Maryland	98.5	98.1	98.5	98.3	98.6	98.3	97.9	98.1	98.9	97.7	97.3	97.0	97.3
Massachusetts	122.4	123.0	124.4	124.4	125.0	125.8	124.9	125.3	126.7	127.3	127.9	127.0	128.2
Michigan	157.0	156.5	156.1	155.4	155.6	156.1	156.3	156.4	158.8	158.8	159.1	154.1	159.7
Minnesota	109.2	109.1	109.3	108.8	106.8	109.0	109.9	110.1	110.0	110.2	109.9	108.5	109.2
Mississippi	45.9	46.1	46.1	45.8	45.8	46.0	45.3	45.2	44.6	44.7	44.9	43.7	45.0
Missouri	152.2	152.7	153.1	153.3	155.1	154.5	154.5	154.7	154.5	154.6	154.8	151.7	155.0
Montana	20.3	20.3	20.2	20.1	20.2	20.2	20.3	20.4	20.0	20.2	20.2	20.2	20.4
Nebraska	47.1	47.2	47.1	46.9	47.1	47.0	47.2	47.4	47.2	47.4	47.8	47.0	47.4
Nevada	34.6	34.8	35.1	35.3	35.6	35.8	35.9	35.9	36.0	36.0	36.3	36.4	36.5
New Hampshire	18.0	18.1	18.1	18.0	18.0	17.9	17.9	18.0	18.1	18.2	18.2	17.9	18.2
New Jersey	237.0	236.4	236.0	236.0	235.2	234.4	235.1	235.1	237.7	238.0	238.7	236.9	238.0
New Mexico	29.1	29.1	29.1	29.0	28.9	28.9	28.9	28.9	29.4	29.7	29.9	30.0	30.1
New York	401.6	400.8	400.7	399.9	399.1	400.4	401.4	402.4	404.2	406.0	406.4	402.7	404.9
North Carolina	157.2	157.7	157.1	156.9	156.5	156.6	156.8	156.7	155.8	156.3	157.1	155.7	156.8
North Dakota	17.9	18.0	18.1	18.0	18.1	18.1	18.2	18.2	18.3	18.4	18.4	18.3	18.3
Ohio	214.8	215.2	214.4	214.1	213.1	213.2	212.9	212.7	212.5	212.5	212.0	203.8	212.3
Oklahoma	72.1	71.9	72.0	71.8	71.6	71.2	70.9	70.9	71.3	71.6	71.8	71.8	72.2
Oregon	68.1	68.2	66.0	65.8	65.9	66.0	66.2	66.4	66.0	66.1	66.4	65.0	66.3
Pennsylvania	267.7	268.2	264.8	263.7	266.3	267.1	267.2	268.9	269.2	268.6	269.4	262.8	271.1
Rhode Island	14.1	14.1	14.2	14.0	14.5	14.3	14.5	14.7	14.5	14.6	14.5	14.5	14.7
South Carolina	66.8	66.8	66.0	66.1	66.4	66.5	66.6	66.7	66.2	66.8	67.0	66.5	66.6
South Dakota	14.6	14.7	14.8	14.9	14.7	14.6	14.6	14.6	14.9	14.9	14.9	15.1	15.0
Tennessee	126.0	126.6	126.8	127.4	127.8	128.7	128.3	128.1	127.1	128.5	128.9	124.1	129.7
Texas	437.3	438.5	436.0	436.5	438.7	439.4	441.6	443.3	443.5	445.0	444.9	444.5	444.8
Utah	45.5	45.8	46.1	46.4	47.2	47.4	47.7	48.1	49.2	49.3	49.8	48.2	48.9
Vermont	11.3	11.3	11.2	11.1	11.0	11.0	11.0	10.9	10.9	11.0	10.9	11.0	10.8
Virginia	148.8	149.2	149.6	149.8	150.1	150.7	151.4	151.5	150.9	151.4	152.8	151.3	152.8
Washington	114.4	114.3	114.5	114.3	115.5	114.6	114.3	115.4	115.1	114.6	117.0	115.2	117.9
West Virginia	38.5	38.5	38.7	38.8	38.8	38.7	38.6	39.0	39.2	39.7	39.3	39.0	39.2
Wisconsin	113.0	114.0	113.3	112.9	113.6	113.8	113.9	114.4	114.0	114.2	114.4	111.2	111.6
Wyoming	14.4	14.5	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.7	14.6	14.5	14.4

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				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Wholesale and retail trade												
Alabama	375.0	375.4	376.8	376.9	377.8	379.3	380.0	381.5	380.6	382.3	383.7	384.7	385.3
Alaska	47.8	48.2	49.1	49.5	49.6	49.4	50.2	49.9	49.9	49.7	50.6	51.3	51.2
Arizona	385.0	385.5	386.3	387.4	389.0	389.8	390.1	389.9	389.3	390.2	394.4	397.8	398.8
Arkansas	218.6	218.9	220.2	221.1	221.1	221.4	222.2	221.7	221.2	222.2	223.6	223.6	224.3
California	2,793.6	2,789.2	2,787.5	2,780.1	2,775.9	2,768.8	2,765.4	2,765.3	2,769.4	2,768.3	2,768.6	2,768.4	2,768.5
Colorado	399.8	402.6	405.6	405.3	406.8	408.2	409.9	411.3	413.1	415.9	417.7	420.3	421.5
Connecticut	330.5	329.9	329.8	328.2	326.5	327.0	324.9	322.6	328.1	328.2	325.1	326.8	327.0
Delaware	75.6	75.5	78.2	76.2	76.3	76.0	76.0	76.2	76.7	76.3	76.7	77.8	78.9
District of Columbia	52.7	52.3	52.7	52.7	52.7	52.6	52.2	51.9	52.1	51.8	52.1	51.6	51.6
Florida	1,446.8	1,450.4	1,452.8	1,457.6	1,482.4	1,464.8	1,468.3	1,472.8	1,463.8	1,477.3	1,479.2	1,484.9	1,486.2
Georgia	764.9	768.0	778.5	780.8	782.7	784.6	786.5	787.2	787.2	794.2	795.7	796.9	797.7
Hawaii	133.5	133.6	133.8	132.7	132.6	132.6	132.3	132.2	131.7	130.7	130.4	130.3	129.7
Idaho	108.4	108.9	109.9	109.8	110.4	112.2	112.9	112.8	113.2	113.7	114.6	115.9	115.5
Illinois	1,242.9	1,242.7	1,243.7	1,245.7	1,246.3	1,250.8	1,253.2	1,254.5	1,251.9	1,264.6	1,263.6	1,271.1	1,272.8
Indiana	605.6	605.8	605.8	605.9	605.6	613.7	618.3	618.8	614.3	615.4	615.7	616.3	616.4
Iowa	320.0	321.0	321.1	321.2	321.4	322.3	322.4	322.8	321.7	322.3	321.5	323.9	324.7
Kansas	273.4	273.3	274.7	275.0	276.0	276.1	276.7	277.0	276.2	277.2	278.3	277.1	278.4
Kentucky	359.5	360.5	361.0	361.7	361.5	361.4	361.2	360.6	359.5	363.5	364.9	365.5	366.4
Louisiana	380.9	380.7	382.4	382.3	382.0	380.4	381.3	382.4	379.7	382.6	386.8	388.2	389.0
Maine	130.3	130.0	130.2	130.5	131.3	131.3	130.9	130.1	129.7	129.6	129.4	132.1	132.8
Maryland	500.8	500.6	500.9	499.9	498.9	498.3	497.8	497.9	500.8	499.2	500.3	502.2	504.1
Massachusetts	643.0	643.7	649.2	650.1	648.9	649.7	650.5	648.1	656.2	655.3	659.9	663.9	666.2
Michigan	932.5	931.8	937.2	936.4	936.2	936.6	939.9	941.6	937.7	945.8	952.0	957.5	960.9
Minnesota	536.6	537.1	534.5	535.0	535.4	538.3	540.9	540.8	544.7	548.0	549.0	551.5	547.9
Mississippi	208.3	209.5	209.7	210.1	210.7	211.1	211.4	211.5	211.9	212.8	215.0	216.6	218.0
Missouri	569.9	570.2	570.9	572.9	574.1	574.2	574.3	575.1	572.5	574.9	575.3	581.5	582.9
Montana	87.1	87.3	88.1	88.4	88.3	88.4	88.4	88.6	89.0	89.2	89.0	88.8	88.9
Nebraska	192.5	192.7	194.9	195.6	193.7	193.8	194.1	194.0	194.3	194.2	193.5	193.6	193.1
Nevada	132.3	132.4	133.0	134.1	135.0	135.4	136.0	136.9	137.0	137.9	138.4	139.3	139.7
New Hampshire	128.7	129.1	129.6	128.7	129.1	129.2	129.0	129.3	129.9	130.2	130.9	131.9	130.9
New Jersey	815.3	817.3	815.8	814.8	815.9	818.5	818.0	819.4	823.4	819.0	822.3	827.5	828.0
New Mexico	148.4	146.8	147.4	148.1	147.8	148.3	148.3	148.3	150.4	150.7	151.2	153.4	152.9
New York	1,557.9	1,557.2	1,553.8	1,554.3	1,551.6	1,551.7	1,553.1	1,555.7	1,587.2	1,566.4	1,571.2	1,570.5	1,568.9
North Carolina	727.4	731.0	735.8	737.1	736.8	737.6	737.8	740.6	736.3	738.8	743.1	743.6	744.3
North Dakota	74.6	74.7	74.9	75.0	75.1	75.3	75.2	75.3	74.9	75.2	75.6	75.4	75.2
Ohio	1,173.1	1,171.5	1,174.2	1,174.4	1,174.8	1,174.8	1,174.8	1,175.3	1,178.0	1,180.6	1,181.7	1,182.3	1,185.0
Oklahoma	286.2	287.7	290.4	289.8	289.6	289.9	289.9	289.5	290.8	292.5	291.4	293.2	292.4
Oregon	325.5	326.8	329.5	327.9	329.2	330.0	330.4	330.8	330.4	330.7	331.9	334.6	335.7
Pennsylvania	1,148.8	1,147.8	1,150.7	1,149.6	1,148.0	1,148.8	1,150.3	1,153.2	1,146.3	1,149.4	1,155.7	1,157.6	1,160.7
Rhode Island	92.7	93.2	94.4	94.8	95.8	95.1	94.9	95.1	94.3	94.6	94.4	94.6	95.8
South Carolina	349.9	349.3	352.5	352.8	352.7	353.9	355.3	356.4	357.1	358.8	358.1	357.9	358.6
South Dakota	80.8	80.3	80.8	81.4	81.6	81.3	81.3	81.2	82.4	82.8	82.6	83.0	83.8
Tennessee	530.9	532.6	534.6	535.5	537.5	541.0	541.7	543.7	542.3	545.5	546.1	550.5	551.3
Texas	1,798.9	1,801.5	1,810.1	1,817.4	1,822.5	1,827.1	1,833.0	1,844.9	1,834.7	1,842.6	1,848.6	1,855.5	1,859.5
Utah	191.9	191.6	192.4	192.9	193.6	194.8	196.2	197.1	198.2	198.5	199.9	199.5	200.1
Vermont	60.3	60.2	60.5	60.5	60.6	60.5	60.1	60.6	60.9	61.1	61.4	61.5	61.1
Virginia	648.3	648.3	651.7	651.3	651.4	652.6	653.0	655.0	658.9	663.1	668.7	672.7	673.7
Washington	544.0	544.4	546.4	545.5	547.6	549.4	549.4	550.7	549.1	552.4	551.9	551.0	553.0
West Virginia	147.9	148.2	149.0	149.7	149.8	150.5	151.3	152.3	152.1	152.3	152.4	153.6	154.2
Wisconsin	552.2	552.6	552.8	553.7	554.1	556.2	558.9	558.7	554.2	556.6	557.2	558.1	559.3
Wyoming	47.7	48.2	48.1	48.3	48.4	48.2	48.2	48.4	48.5	48.6	48.3	48.3	48.0

See footnotes at end of table.

**ESTABLISHMENT DATA
STATE EMPLOYMENT
SEASONALLY ADJUSTED**

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

(In thousands)

State	1993								1994				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Finance, insurance, and real estate												
Alabama	75.3	75.6	75.5	75.8	75.8	76.0	76.1	76.5	76.9	77.1	77.2	77.3	76.9
Alaska	11.0	11.0	11.3	11.3	11.3	11.4	11.3	11.4	11.4	11.4	11.3	11.5	11.4
Arizona	99.1	99.8	99.9	100.2	100.5	100.8	101.1	101.3	101.3	101.1	101.3	101.5	101.6
Arkansas	39.9	39.9	40.4	40.5	40.7	40.8	40.9	41.0	40.9	41.2	41.4	41.2	41.4
California	788.7	788.0	787.6	786.4	785.1	783.2	782.2	780.7	782.4	780.9	780.5	778.5	774.8
Colorado	104.8	105.4	106.6	106.9	107.2	107.7	108.2	108.7	108.4	108.6	108.8	109.5	109.1
Connecticut	139.7	139.5	139.0	138.7	138.9	139.1	138.7	138.3	138.4	137.8	136.8	138.1	137.3
Delaware	34.3	34.5	35.1	35.2	35.4	35.5	35.8	35.9	36.0	36.2	36.4	36.7	36.8
District of Columbia	31.9	31.7	31.2	31.2	30.7	30.6	30.3	30.0	30.0	29.6	29.3	29.5	29.7
Florida	354.4	355.0	356.4	358.1	358.4	359.9	361.0	361.7	362.8	363.5	364.5	364.2	365.6
Georgia	165.0	165.4	167.2	167.0	167.1	167.4	167.2	166.6	167.1	167.5	167.4	167.4	167.7
Hawaii	38.8	38.9	39.3	39.4	39.4	39.6	39.4	39.4	39.6	39.5	39.5	39.6	39.6
Idaho	22.5	22.6	22.7	22.7	23.0	23.1	23.3	23.3	23.4	23.4	23.8	24.1	24.0
Illinois	380.5	380.6	383.2	383.9	384.4	384.8	385.5	386.0	385.4	385.5	384.9	385.3	386.4
Indiana	128.3	128.5	128.4	128.5	128.7	129.0	129.3	129.5	129.4	129.4	129.6	129.8	129.5
Iowa	73.6	73.9	74.2	74.3	74.6	74.8	75.0	75.5	75.2	75.1	75.4	75.7	75.7
Kansas	57.5	57.7	58.4	58.6	58.5	58.4	58.6	58.6	58.4	58.5	58.6	58.8	58.8
Kentucky	63.1	63.0	63.0	63.0	62.7	63.0	63.4	63.2	63.0	62.8	62.9	62.9	62.5
Louisiana	77.8	77.5	78.1	78.0	77.9	78.1	77.9	77.9	77.8	77.8	78.1	78.6	78.3
Maine	25.6	25.7	25.7	25.9	25.8	25.9	26.1	26.0	25.9	25.9	26.0	26.1	25.9
Maryland	129.1	128.7	129.5	129.5	129.8	129.9	130.0	130.0	130.6	130.4	130.1	130.2	129.4
Massachusetts	198.6	199.0	200.5	200.4	200.3	200.6	200.5	200.6	201.4	201.4	201.6	202.3	202.1
Michigan	192.3	192.5	193.4	193.4	193.1	189.5	193.3	193.5	192.5	192.6	193.6	194.8	195.1
Minnesota	135.0	135.7	135.6	136.2	136.9	137.7	138.4	139.1	139.3	139.7	140.0	139.6	139.7
Mississippi	38.5	38.8	38.7	36.8	38.9	38.9	38.9	38.9	38.7	39.2	39.4	39.5	38.8
Missouri	140.5	140.8	141.4	141.6	141.9	142.3	142.3	143.1	141.2	141.3	141.9	143.0	143.0
Montana	14.8	14.8	15.0	14.8	15.0	15.0	14.9	15.0	15.1	15.1	15.2	15.1	15.1
Nebraska	50.2	50.4	50.5	50.5	50.6	50.5	50.7	50.6	50.5	50.8	50.6	50.7	50.5
Nevada	30.6	30.8	31.0	31.3	31.5	31.7	31.8	31.9	32.1	32.1	32.1	32.1	32.1
New Hampshire	29.6	29.7	30.0	29.9	29.8	29.9	29.9	29.9	30.1	30.1	30.1	29.8	29.8
New Jersey	226.1	228.0	227.7	229.1	229.7	230.3	230.7	230.6	230.5	231.1	230.9	231.0	231.0
New Mexico	27.5	27.6	27.7	27.7	27.8	27.8	27.7	27.8	28.1	28.2	28.3	28.9	29.1
New York	727.8	728.4	727.8	726.7	728.4	729.2	728.7	728.7	727.4	728.6	729.5	730.3	729.4
North Carolina	137.5	137.8	138.7	139.0	139.9	141.0	141.1	141.7	141.9	142.2	142.9	143.8	144.3
North Dakota	13.3	13.5	13.5	13.6	13.6	13.6	13.6	13.7	13.7	13.8	13.8	13.8	13.8
Ohio	259.1	259.4	259.4	259.2	259.2	259.3	259.6	260.1	260.5	260.4	260.6	260.9	261.1
Oklahoma	61.7	61.6	61.6	61.6	61.5	61.3	61.3	61.1	61.2	61.3	61.6	61.8	62.1
Oregon	90.0	91.0	92.1	92.5	93.0	93.5	93.8	93.9	94.4	94.7	95.4	95.9	96.2
Pennsylvania	302.4	302.8	303.5	303.7	304.1	304.0	304.7	304.6	303.1	304.3	304.5	305.9	306.3
Rhode Island	25.2	25.3	25.4	25.3	25.4	25.3	25.3	25.2	25.3	25.4	25.2	25.4	25.2
South Carolina	65.8	66.0	65.9	66.1	66.1	66.2	66.3	66.3	66.2	66.5	66.3	66.3	66.4
South Dakota	17.7	17.7	17.9	17.9	17.9	17.9	18.0	17.9	18.0	18.1	18.2	18.2	18.1
Tennessee	103.3	103.8	104.3	104.2	104.2	104.9	105.1	105.4	105.2	105.3	105.3	105.6	105.7
Texas	423.5	425.7	428.6	429.5	430.5	431.8	433.8	435.5	434.2	434.4	436.9	438.6	439.0
Utah	39.0	39.6	39.8	40.4	41.0	41.6	41.6	42.5	44.2	44.6	45.0	45.9	46.2
Vermont	12.0	12.1	12.1	12.1	12.1	12.2	12.2	12.3	12.2	12.1	12.0	12.0	12.0
Virginia	155.6	155.8	157.1	157.9	158.3	159.2	160.1	160.8	160.0	160.9	161.2	162.2	162.6
Washington	120.3	120.8	121.3	121.3	121.7	121.9	122.3	122.7	123.2	122.9	122.3	122.1	121.7
West Virginia	25.1	25.0	25.1	25.1	25.2	25.1	25.1	25.1	25.0	25.0	25.1	25.0	25.2
Wisconsin	129.7	130.1	130.6	130.9	131.4	132.0	132.4	132.7	132.6	132.4	132.7	132.6	132.5
Wyoming	7.6	7.7	7.7	7.7	7.8	7.7	7.7	7.8	7.9	7.9	7.8	7.8	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				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
	Services												
Alabama	362.1	363.0	364.7	364.4	365.1	366.6	365.4	365.1	365.3	366.5	366.8	370.1	368.6
Alaska	57.1	57.3	57.2	57.0	57.1	56.7	57.0	57.2	57.5	57.8	57.8	57.6	58.4
Arizona	447.5	449.8	450.2	451.5	454.2	454.7	455.5	456.6	455.9	458.8	463.8	466.6	466.7
Arkansas	218.8	219.8	220.2	220.6	221.3	222.2	222.2	220.9	223.9	224.8	225.1	225.5	226.7
California	3,464.2	3,467.0	3,473.0	3,466.6	3,466.1	3,465.4	3,465.3	3,469.6	3,469.6	3,480.2	3,478.8	3,467.0	3,495.1
Colorado	463.4	466.4	471.4	472.4	473.0	474.1	474.2	475.7	477.7	482.4	482.8	483.7	484.2
Connecticut	442.8	442.4	444.4	445.5	447.8	447.8	447.3	447.6	453.2	450.8	451.9	453.0	458.1
Delaware	88.8	89.1	90.3	90.3	90.7	90.6	91.0	91.3	90.7	91.4	92.1	94.1	93.5
District of Columbia	252.7	251.4	254.1	254.1	254.5	258.4	256.8	256.8	255.4	256.5	256.4	256.1	256.4
Florida	1,805.7	1,814.8	1,825.8	1,835.1	1,842.4	1,850.5	1,858.5	1,866.7	1,869.8	1,879.3	1,889.5	1,898.9	1,907.7
Georgia	719.8	722.4	732.7	737.0	742.5	750.7	753.6	757.1	758.2	767.9	774.3	782.9	787.7
Hawaii	164.1	164.4	164.6	163.8	163.3	164.2	163.5	163.4	163.9	163.2	163.2	163.3	163.6
Idaho	96.3	96.9	97.8	98.4	98.9	99.7	99.7	100.1	100.9	101.8	101.5	101.8	101.8
Illinois	1,457.0	1,461.0	1,481.3	1,485.2	1,485.9	1,483.7	1,484.6	1,489.2	1,479.7	1,481.2	1,481.9	1,487.7	1,490.2
Indiana	553.4	557.1	560.0	560.8	560.1	561.2	563.1	564.0	569.2	568.6	582.1	583.4	579.6
Iowa	317.2	318.5	318.6	320.0	319.6	319.8	320.8	321.5	322.8	323.3	323.7	325.0	326.7
Kansas	268.3	269.4	270.3	271.1	272.0	273.2	273.4	274.9	276.8	278.4	277.0	277.7	277.6
Kentucky	363.3	363.3	362.5	363.8	365.1	366.1	366.4	366.5	364.6	365.6	367.9	368.0	369.0
Louisiana	408.7	407.0	408.6	410.2	410.4	408.9	409.9	411.1	410.3	415.3	418.0	421.3	421.4
Maine	134.1	134.6	133.3	134.1	135.2	136.3	136.5	136.7	135.8	136.4	136.6	137.6	136.1
Maryland	654.2	654.2	659.3	658.0	660.9	665.4	664.7	665.2	664.2	662.7	663.3	669.9	673.5
Massachusetts	944.1	947.4	958.0	960.6	966.6	968.2	972.1	974.0	987.5	987.6	990.8	997.3	998.0
Michigan	1,013.2	1,012.7	1,020.9	1,023.3	1,026.0	1,027.1	1,027.0	1,027.5	1,029.8	1,036.3	1,040.0	1,050.2	1,054.3
Minnesota	610.9	613.6	616.2	618.0	619.1	621.3	623.4	626.6	629.3	631.0	633.3	636.4	635.4
Mississippi	194.2	195.7	199.3	200.8	199.3	199.5	200.8	200.0	204.3	207.1	207.1	209.5	209.9
Missouri	642.9	645.2	648.5	652.3	654.3	654.3	655.1	658.7	657.5	660.3	664.5	675.2	675.8
Montana	86.6	87.0	89.2	89.4	89.1	88.9	89.0	89.4	89.6	89.9	90.6	90.0	90.7
Nebraska	188.2	188.4	188.3	188.2	189.2	189.1	188.5	188.3	189.1	188.8	188.2	190.6	190.5
Nevada	288.4	289.4	292.4	294.6	297.2	301.1	305.5	311.7	312.2	315.5	315.7	316.8	317.2
New Hampshire	136.2	136.9	138.7	139.0	138.6	138.7	138.5	138.2	140.1	140.9	141.6	142.9	142.6
New Jersey	1,011.4	1,014.6	1,019.4	1,021.9	1,024.0	1,026.8	1,028.2	1,030.1	1,031.2	1,033.8	1,036.7	1,046.2	1,047.4
New Mexico	167.3	167.7	168.2	188.0	188.1	189.0	168.8	168.9	172.6	173.1	173.3	175.5	176.2
New York	2,400.7	2,405.4	2,413.3	2,418.7	2,418.7	2,427.3	2,435.9	2,440.9	2,444.6	2,449.8	2,458.0	2,464.3	2,470.5
North Carolina	686.8	689.5	693.0	694.9	697.0	700.2	703.2	707.5	709.5	711.9	717.9	719.2	723.8
North Dakota	76.5	76.6	77.0	77.1	77.4	77.9	78.2	77.9	77.8	77.9	79.1	79.1	79.8
Ohio	1,276.7	1,278.2	1,277.6	1,277.5	1,281.4	1,285.5	1,286.5	1,289.1	1,292.9	1,296.0	1,296.9	1,299.4	1,300.0
Oklahoma	303.4	304.5	307.1	306.7	305.6	304.8	304.3	304.4	307.0	307.0	307.3	310.8	314.7
Oregon	326.1	327.1	327.7	328.5	330.6	331.0	333.1	333.3	332.2	332.9	334.1	334.1	335.5
Pennsylvania	1,528.1	1,523.9	1,525.0	1,528.3	1,532.4	1,536.0	1,539.0	1,540.5	1,530.1	1,533.3	1,541.7	1,553.1	1,559.2
Rhode Island	133.7	135.3	137.1	136.9	136.8	137.1	137.3	136.8	137.4	136.8	138.1	138.6	139.2
South Carolina	329.6	332.0	336.0	336.8	337.5	339.0	340.2	341.3	345.3	344.6	344.4	344.4	345.9
South Dakota	79.0	79.9	79.8	79.8	79.3	80.8	80.9	81.0	83.3	83.6	83.9	84.0	84.1
Tennessee	571.0	572.2	575.0	577.0	578.9	581.8	583.1	585.9	585.7	587.5	587.7	591.4	594.7
Texas	1,912.9	1,920.2	1,944.4	1,948.7	1,950.9	1,953.1	1,954.4	1,954.8	1,948.9	1,966.8	1,976.3	1,998.3	2,004.1
Utah	209.6	210.7	213.0	213.4	213.9	215.6	217.3	218.9	221.2	221.9	222.7	223.7	224.0
Vermont	73.7	73.9	74.0	74.2	74.6	75.2	75.7	74.2	74.2	75.3	75.8	77.5	75.5
Virginia	791.0	793.7	799.5	802.1	806.5	809.4	813.2	817.2	816.7	822.9	829.5	834.0	835.0
Washington	577.6	580.5	580.8	583.8	585.2	586.0	587.3	589.3	588.3	589.2	593.6	594.2	596.5
West Virginia	165.2	165.9	166.8	167.4	168.0	169.5	169.4	170.0	170.1	170.9	171.2	172.3	173.8
Wisconsin	593.4	593.5	598.4	598.8	600.4	601.3	602.0	602.4	604.9	607.9	610.3	611.7	612.8
Wyoming	42.8	42.9	42.9	42.9	43.1	43.1	43.2	43.5	43.8	43.8	43.7	44.0	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				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ²
Government													
Alabama	340.4	342.0	338.8	340.0	341.2	342.4	343.1	343.0	344.3	343.5	343.9	345.0	344.4
Alaska	74.5	74.4	73.8	74.4	74.2	74.8	74.5	75.1	75.8	74.9	74.9	74.6	74.5
Arizona	282.9	289.4	289.7	289.9	290.1	285.8	287.8	287.1	286.3	286.5	287.3	286.3	289.1
Arkansas	169.5	169.7	171.0	171.4	168.8	168.8	189.3	169.1	169.4	169.4	169.4	169.4	170.4
California	2,077.1	2,076.8	2,076.5	2,078.1	2,075.2	2,075.6	2,078.6	2,079.4	2,079.8	2,084.1	2,083.0	2,084.0	2,084.9
Colorado	296.4	295.6	299.7	298.4	297.5	297.6	297.9	298.8	297.9	298.7	298.8	300.6	299.6
Connecticut	204.9	203.9	205.3	204.8	207.3	207.7	208.7	208.8	207.3	209.0	208.8	210.5	210.4
Delaware	49.4	49.7	48.9	49.1	50.3	49.4	49.6	49.9	49.4	49.5	49.4	49.4	50.3
District of Columbia	288.7	287.7	289.3	285.6	286.0	284.9	285.7	284.8	285.1	284.0	283.0	282.8	281.9
Florida	876.3	880.2	883.7	883.4	884.6	887.0	889.3	894.1	895.8	898.3	897.9	907.1	901.5
Georgia	545.2	544.1	544.9	545.4	546.6	554.3	555.4	556.8	558.3	560.6	560.8	561.3	561.8
Hawaii	112.7	112.1	110.8	111.1	111.3	111.8	111.5	112.0	110.4	111.9	112.0	111.9	110.2
Idaho	90.2	89.4	90.6	90.8	90.6	91.3	91.6	92.2	92.2	92.5	92.8	93.1	93.7
Illinois	771.8	766.6	761.0	758.2	759.6	772.2	772.6	773.2	788.1	773.5	773.4	771.7	774.6
Indiana	390.7	392.4	391.1	391.6	397.6	395.7	396.0	396.9	396.2	395.1	395.4	396.0	394.8
Iowa	222.0	222.7	221.4	222.4	224.3	224.5	225.2	225.7	224.7	223.6	225.3	226.1	226.5
Kansas	229.5	233.0	231.3	223.9	231.8	232.1	231.1	232.7	232.0	232.4	232.4	228.2	231.5
Kentucky	275.7	277.0	276.1	275.1	276.1	276.5	277.7	276.7	272.8	275.2	277.1	277.3	276.3
Louisiana	340.1	341.2	340.6	340.8	339.6	340.2	340.2	339.6	340.2	339.4	340.2	343.2	343.7
Maine	95.2	95.1	95.9	95.9	93.9	94.0	93.6	93.3	92.1	93.4	93.2	93.2	93.8
Maryland	417.0	417.0	413.3	417.3	421.3	417.6	418.1	419.4	419.1	416.4	419.8	419.9	420.1
Massachusetts	387.8	387.8	388.4	389.1	390.0	389.7	388.8	387.8	387.0	388.8	386.5	390.2	389.0
Michigan	641.0	639.5	634.1	633.4	642.9	641.7	641.2	641.6	637.0	637.9	641.4	638.7	637.8
Minnesota	352.0	352.3	352.7	353.4	355.4	356.2	357.9	358.5	359.6	359.6	360.8	362.6	362.2
Mississippi	209.2	209.2	209.9	214.9	210.6	211.2	211.4	211.8	211.5	210.5	212.6	212.3	212.5
Missouri	376.6	378.4	377.7	377.4	379.1	379.6	380.7	382.5	381.0	382.5	382.7	385.4	388.4
Montana	73.7	74.4	73.5	74.7	74.2	74.6	74.5	75.0	74.4	74.6	74.6	75.0	75.1
Nebraska	147.8	147.1	149.1	150.0	150.0	150.1	149.2	150.5	151.1	149.1	149.7	149.5	151.5
Nevada	88.3	90.9	88.1	89.1	88.9	89.2	89.3	90.0	89.4	90.0	91.1	91.6	92.2
New Hampshire	73.6	73.7	72.6	73.3	71.8	74.5	73.9	74.1	75.1	76.6	76.7	75.0	74.0
New Jersey	564.3	564.8	562.8	564.4	566.4	568.3	569.2	569.2	565.2	561.1	562.5	565.0	567.4
New Mexico	159.4	160.4	158.1	159.0	159.9	159.7	160.1	160.0	160.4	160.2	160.6	162.1	162.9
New York	1,418.3	1,418.4	1,430.4	1,423.2	1,419.7	1,420.4	1,423.0	1,420.2	1,417.5	1,415.6	1,417.2	1,417.6	1,420.5
North Carolina	523.2	524.1	530.2	537.3	533.9	536.5	539.1	539.2	539.9	537.6	540.4	541.0	543.3
North Dakota	67.3	66.4	67.2	67.3	67.8	66.6	66.4	66.8	66.6	67.0	66.7	66.5	66.6
Ohio	735.7	736.8	730.2	737.5	738.3	744.5	738.5	739.5	738.0	739.9	740.6	744.5	744.3
Oklahoma	271.0	272.5	270.8	270.8	267.6	266.9	266.3	268.6	269.6	269.2	269.9	271.4	272.2
Oregon	233.2	233.5	232.2	231.9	232.1	232.2	232.9	233.0	233.9	233.7	232.7	233.1	232.9
Pennsylvania	708.3	709.3	709.2	708.3	709.1	709.3	710.5	713.8	710.0	708.3	711.2	714.2	714.5
Rhode Island	62.0	61.2	61.3	61.5	60.3	60.9	61.3	62.4	61.7	62.0	61.4	61.9	61.9
South Carolina	295.9	298.5	298.6	298.7	298.1	297.8	297.9	297.7	299.6	298.8	300.0	300.3	300.6
South Dakota	64.8	65.6	65.4	66.4	67.6	66.8	66.8	66.7	67.4	67.4	67.3	67.5	68.1
Tennessee	361.1	361.0	361.8	362.9	362.5	363.5	364.6	365.1	365.1	365.2	365.9	366.2	366.7
Texas	1,367.8	1,365.9	1,382.5	1,393.2	1,395.5	1,394.3	1,397.3	1,395.4	1,389.6	1,393.4	1,390.7	1,394.9	1,397.6
Utah	157.6	159.1	159.1	159.9	160.0	160.3	161.0	162.0	161.1	161.6	161.2	162.0	162.2
Vermont	44.2	44.2	42.5	42.4	42.9	43.7	43.5	43.5	43.4	44.1	44.4	44.1	44.9
Virginia	595.5	596.0	600.6	600.0	600.9	601.1	602.0	601.5	597.5	598.1	602.4	603.3	603.9
Washington	427.9	430.2	429.8	428.7	434.5	429.6	433.3	431.5	433.5	436.9	432.7	435.1	434.8
West Virginia	129.4	131.9	125.9	132.4	135.0	134.9	135.1	135.5	134.8	135.0	134.6	133.8	140.3
Wisconsin	361.8	360.6	359.8	360.7	360.4	361.2	361.7	362.4	363.0	360.2	363.1	362.8	362.3
Wyoming	57.2	57.3	57.0	55.8	57.2	57.7	57.8	57.8	58.0	57.8	57.2	57.3	57.8

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total private	34.4	34.5	34.6	34.4	34.5	34.6	34.5	34.8	34.3	34.6	34.7	34.8	34.6
Mining	44.2	44.6	44.5	44.2	45.1	44.3	44.1	44.2	44.1	44.4	45.0	44.9	45.3
Construction	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Manufacturing	41.3	41.4	41.5	41.5	41.6	41.7	41.7	41.7	41.3	42.1	42.2	42.1	42.0
<i>Overtime hours</i>	4.1	4.1	4.1	4.2	4.3	4.4	4.4	4.5	4.5	4.7	4.8	4.6	4.6
Durable goods	41.9	42.0	42.2	42.3	42.4	42.5	42.5	42.7	42.2	43.0	43.0	42.9	42.8
<i>Overtime hours</i>	4.2	4.2	4.3	4.3	4.5	4.7	4.7	4.8	4.9	5.0	5.2	4.9	4.9
Lumber and wood products	40.5	40.7	40.8	41.0	41.2	41.4	41.2	41.7	40.6	41.3	41.4	41.3	41.4
Furniture and fixtures	39.8	40.0	40.4	40.0	40.4	40.7	40.2	40.2	39.0	40.6	40.3	40.3	40.7
Stone, clay, and glass products	42.6	42.6	42.8	42.7	42.8	43.3	43.1	43.3	42.3	43.6	43.4	43.7	43.6
Primary metal industries	43.5	43.5	43.6	43.6	43.8	44.1	44.2	44.2	44.2	44.6	44.9	44.8	44.2
Blast furnaces and basic steel products ..	44.1	44.2	43.9	44.1	43.8	44.0	44.2	43.9	44.3	44.7	45.1	45.0	44.6
Fabricated metal products	42.0	42.0	42.1	42.2	42.3	42.5	42.5	42.6	42.3	42.8	43.0	42.8	42.7
Industrial machinery and equipment	42.9	43.1	43.0	43.0	43.2	43.2	43.3	43.4	43.1	43.9	43.9	43.8	43.7
Electronic and other electrical equipment ..	41.4	41.8	42.0	42.0	42.1	42.0	41.9	42.1	41.7	42.4	42.6	42.3	42.2
Transportation equipment	42.6	42.6	43.2	43.6	43.5	43.8	44.1	44.0	44.0	44.5	44.6	44.3	43.9
Motor vehicles and equipment	43.7	43.4	44.4	45.1	45.1	45.9	46.1	46.2	46.3	46.5	46.1	45.8	45.1
Instruments and related products	41.2	41.3	41.0	41.1	41.1	41.0	41.2	41.4	41.0	41.7	41.6	41.9	41.7
Miscellaneous manufacturing	39.6	39.7	39.8	39.8	39.7	39.8	39.9	40.1	38.9	40.1	40.4	40.2	40.1
Nondurable goods	40.5	40.6	40.5	40.5	40.6	40.6	40.6	40.6	40.1	41.0	41.1	41.0	41.0
<i>Overtime hours</i>	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.3	4.3	4.2	4.2
Food and kindred products	40.6	40.7	40.7	40.6	40.9	40.7	40.7	40.7	40.8	41.2	41.2	41.0	41.3
Tobacco products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Textile mill products	41.3	41.3	41.4	41.5	41.5	41.8	41.8	41.5	40.4	42.2	42.0	41.8	42.0
Apparel and other textile products	37.2	37.2	37.2	37.0	36.9	37.1	37.1	36.9	35.8	37.6	38.0	37.7	37.7
Paper and allied products	43.6	43.5	43.6	43.8	43.8	43.7	43.7	43.7	43.2	44.1	44.0	43.9	44.0
Printing and publishing	38.4	38.4	38.2	38.3	38.4	38.4	38.3	38.3	38.0	38.4	38.8	38.8	38.6
Chemicals and allied products	43.0	43.4	43.2	42.9	43.2	43.0	43.1	43.2	42.8	43.3	43.2	43.5	43.3
Petroleum and coal products	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Rubber and misc. plastics products	41.7	41.7	41.8	41.7	41.8	42.0	42.0	41.9	41.6	42.6	42.4	42.1	42.2
Leather and leather products	37.9	38.2	38.4	38.7	38.7	38.5	38.5	38.6	37.7	38.6	39.0	38.7	38.3
Transportation and public utilities	39.5	39.6	39.8	39.7	39.8	39.7	39.7	40.1	39.7	39.8	40.2	40.1	40.0
Wholesale trade	38.2	38.2	38.3	37.9	38.2	38.2	38.1	38.5	38.1	38.3	38.4	38.5	38.4
Retail trade	28.7	28.9	28.9	28.6	28.9	28.8	28.8	29.0	28.6	28.9	29.0	29.0	28.8
Finance, insurance, and real estate	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)	(¹)
Services	32.5	32.5	32.6	32.3	32.4	32.5	32.4	32.8	32.3	32.4	32.5	32.8	32.4

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Total private	124.0	124.6	125.1	124.4	125.3	125.8	125.9	127.1	125.6	127.3	128.2	129.1	128.7
Goods-producing	103.4	103.8	103.8	103.8	104.3	104.9	105.1	105.3	103.9	106.7	107.3	107.4	107.5
Mining	54.2	54.7	54.3	54.2	55.2	53.8	55.1	54.6	54.3	54.5	54.9	54.4	55.3
Construction	124.5	125.9	125.9	125.2	126.3	128.8	128.8	128.5	124.5	131.0	132.7	134.8	134.3
Manufacturing	102.1	102.3	102.4	102.5	102.9	103.3	103.3	103.7	102.8	104.9	105.4	105.1	105.3
Durable goods	99.3	99.5	99.8	100.2	100.6	101.2	101.6	102.3	101.4	103.3	104.0	103.8	104.0
Lumber and wood products	122.7	123.5	124.5	125.7	127.2	128.7	128.7	131.6	128.2	130.4	131.3	131.2	131.8
Furniture and fixtures	119.8	120.4	121.3	120.7	121.9	123.5	122.6	122.9	119.2	124.8	123.5	124.2	125.7
Stone, clay, and glass products	102.0	102.2	102.7	102.7	103.2	104.4	104.2	105.2	102.8	106.5	107.3	107.8	108.1
Primary metal industries	85.1	84.8	84.9	85.1	85.7	86.6	86.8	87.0	87.3	88.1	88.5	88.5	88.1
Blast furnaces and basic steel products	72.0	71.9	71.1	71.5	71.1	71.6	71.7	71.3	71.6	71.6	70.8	70.3	71.3
Fabricated metal products	102.2	102.1	102.5	102.9	103.4	104.4	104.8	105.6	105.1	106.7	107.8	107.6	108.0
Industrial machinery and equipment	91.9	92.4	91.8	92.1	92.8	93.1	93.7	94.4	94.2	96.1	96.9	96.9	97.4
Electronic and other electrical equipment	99.4	100.2	100.4	100.8	101.4	101.4	101.6	101.8	101.2	103.2	104.6	103.6	103.9
Transportation equipment	109.1	108.9	110.3	111.3	111.2	111.9	112.9	113.8	113.7	114.8	115.3	114.5	114.4
Motor vehicles and equipment	132.9	132.3	136.0	138.6	139.7	142.9	145.2	149.4	149.4	150.3	149.5	147.9	147.4
Instruments and related products	77.0	78.6	75.9	75.7	75.8	75.0	75.0	75.2	74.5	75.6	75.2	75.4	75.1
Miscellaneous manufacturing	100.6	100.5	100.0	100.4	100.1	100.0	100.6	100.8	97.4	100.8	101.9	101.4	101.1
Nondurable goods	106.0	106.1	106.0	105.7	105.9	106.0	105.8	105.7	104.7	107.1	107.4	106.9	107.1
Food and kindred products	111.7	112.1	112.5	111.9	113.1	112.5	112.3	112.0	112.7	114.1	113.6	112.9	113.4
Tobacco products	60.2	58.3	57.0	57.1	57.4	59.6	56.8	57.1	54.2	58.3	62.0	60.3	58.2
Textile mill products	98.7	98.5	98.2	98.6	98.5	99.2	99.0	98.6	96.2	100.6	99.8	99.2	99.8
Apparel and other textile products	90.5	90.1	89.6	88.8	88.1	88.2	87.4	86.6	84.0	88.4	89.3	88.5	88.3
Paper and allied products	110.8	110.5	110.3	110.6	110.4	110.2	110.2	110.4	109.1	111.2	111.1	110.9	111.3
Printing and publishing	124.2	124.1	123.6	123.7	123.8	123.8	123.2	123.5	122.6	124.1	125.5	125.1	124.9
Chemicals and allied products	100.0	101.4	100.8	100.4	101.3	101.4	101.6	101.5	100.6	101.4	101.3	102.2	102.1
Petroleum and coal products	82.6	82.4	82.9	81.6	83.7	80.9	79.9	81.8	79.7	80.4	82.1	81.4	82.7
Rubber and misc. plastics products	132.0	132.6	132.7	132.2	132.0	133.7	134.1	134.7	134.7	138.3	138.3	138.1	138.2
Leather and leather products	54.7	55.2	55.5	55.3	55.3	55.0	55.0	55.2	53.9	54.6	55.7	54.1	53.0
Service-producing	133.3	134.0	134.7	133.7	134.8	135.2	135.2	136.9	135.3	136.6	137.6	138.9	138.2
Transportation and public utilities	117.1	117.5	117.9	117.5	118.3	117.9	117.6	118.9	117.9	118.6	118.4	120.5	120.3
Wholesale trade	112.2	112.5	112.7	111.7	112.7	112.8	112.6	114.0	113.1	113.9	114.5	114.9	114.7
Retail trade	122.6	123.6	123.9	122.8	124.1	123.7	124.1	125.1	123.6	125.4	126.4	126.7	126.3
Finance, insurance, and real estate	119.9	120.3	121.8	120.8	121.4	121.8	121.3	124.3	121.7	121.5	122.0	123.5	121.9
Services	155.8	156.6	157.5	156.6	157.6	158.9	158.9	161.2	159.3	160.8	162.5	164.5	163.5

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.

^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		
	April 1994 ^r	May 1994 ^r	June 1994 ^p	June 1993 to June 1994 ^p	April 1994 to May 1994 ^r	May 1994 to June 1994 ^p
Total	209,563	210,553	209,925	2.8	.5	-.3
Private sector	171,429	172,531	171,977	3.3	.6	-.3
Mining	1,417	1,406	1,414	2.0	-.8	.6
Construction	9,796	9,975	9,931	7.1	1.8	-.4
Manufacturing	39,220	39,129	39,176	1.5	-.2	.1
Durable goods	22,577	22,530	22,565	2.5	-.2	.2
Nondurable goods	16,644	16,599	16,612	.2	-.3	.1
Transportation and public utilities	12,026	12,222	12,227	2.7	1.6	.0
Wholesale trade	12,037	12,086	12,071	2.1	.4	-.1
Retail trade	30,367	30,415	30,358	3.3	.2	-.2
Finance, insurance, and real estate	12,631	12,829	12,574	.9	1.6	-2.0
Services	53,936	54,470	54,227	5.1	1.0	-.4
Government	38,135	38,023	37,948	.3	-.3	-.2

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p	June ^p
Average hourly earnings													
Total private (in current dollars)	\$10.81	\$10.82	\$10.86	\$10.88	\$10.92	\$10.94	\$10.96	\$11.02	\$11.03	\$11.02	\$11.05	\$11.09	\$11.08
Mining	14.59	14.56	14.57	14.55	14.62	14.51	14.68	14.88	14.81	14.77	14.87	14.91	14.75
Construction	14.35	14.40	14.41	14.41	14.43	14.46	14.41	14.43	14.54	14.47	14.52	14.60	14.66
Manufacturing	11.71	11.73	11.77	11.82	11.84	11.87	11.93	11.95	12.01	12.00	12.00	12.01	12.02
Excluding overtime²	11.17	11.18	11.21	11.25	11.25	11.28	11.32	11.34	11.40	11.37	11.33	11.38	11.40
Transportation and public utilities	13.63	13.63	13.63	13.83	13.66	13.70	13.73	13.80	13.82	13.79	13.77	13.83	13.81
Wholesale trade	11.71	11.75	11.80	11.79	11.84	11.80	11.82	11.92	11.88	11.88	11.95	11.99	11.97
Retail trade	7.28	7.28	7.31	7.30	7.35	7.35	7.37	7.41	7.42	7.43	7.45	7.47	7.47
Finance, insurance, and real estate	11.30	11.35	11.46	11.44	11.56	11.58	11.61	11.73	11.67	11.69	11.77	11.83	11.74
Services	10.77	10.76	10.81	10.82	10.87	10.88	10.89	10.97	10.96	10.95	10.99	11.04	11.03
Total private (in constant dollars)³	7.38	7.38	7.39	7.40	7.39	7.39	7.40	7.43	7.42	7.39	7.40	7.42	(*)
Average weekly earnings													
Total private:													
In current dollars	371.86	373.29	375.76	374.27	376.74	378.52	378.12	383.50	378.33	381.29	383.44	385.93	383.37
In constant (1982) dollars³	253.83	254.46	255.62	254.43	255.07	255.76	255.14	258.60	254.60	255.73	256.83	258.15	(*)

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.

⁴ 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				
		May 1993	June 1993	Apr. 1994	May 1994 ^a	June 1994 ^a	May 1993	June 1993	Apr. 1994	May 1994 ^a	June 1994 ^a
Total		110,804	111,346	112,492	113,509	114,352	-	-	-	-	-
Total private		91,633	92,473	93,149	94,105	95,253	74,563	75,331	75,937	76,828	77,860
Mining		614	614	600	601	609	435	433	424	425	431
Metal mining	10	50.5	51.0	49.8	50.0	51.2	40.4	41.0	39.9	40.6	-
Iron ores	101	8.9	9.2	10.4	10.5	-	7.1	7.4	8.5	8.7	-
Copper ores	102	15.4	15.4	14.9	15.0	-	12.7	12.7	12.3	12.4	-
Coal mining	12	116.6	109.2	114.0	113.2	115.0	93.7	86.4	91.7	91.5	-
Bituminous coal and lignite mining	122	109.0	101.6	106.8	106.2	-	87.4	80.1	85.8	85.7	-
Oil and gas extraction	13	343.4	349.0	336.2	334.4	337.8	222.1	226.5	216.9	214.5	-
Crude petroleum and natural gas	131	171.6	173.2	162.7	162.6	-	85.5	85.9	79.1	78.3	-
Oil and gas field services	138	167.0	171.0	168.7	167.0	-	133.0	137.0	134.8	133.3	-
Nonmetallic minerals, except fuels	14	103.5	104.4	100.3	103.6	105.4	78.3	79.5	75.7	78.4	-
Crushed and broken stone	142	38.5	39.2	38.6	39.8	-	30.1	30.8	29.8	31.1	-
Sand and gravel	144	33.6	34.2	31.5	33.3	-	-	-	-	-	-
Chemical and fertilizer minerals	147	13.8	13.1	12.8	12.8	-	-	-	-	-	-
Construction		4,686	4,831	4,718	4,959	5,134	3,611	3,747	3,621	3,848	4,009
General building contractors	15	1,107.9	1,145.7	1,117.9	1,156.2	1,196.9	780.7	816.0	782.4	815.3	-
Residential building construction	152	560.2	580.2	565.0	584.3	-	380.9	399.3	379.6	396.0	-
Operative builders	153	27.3	28.0	29.1	29.8	-	11.9	12.1	12.2	12.9	-
Nonresidential building construction	154	520.4	537.5	523.8	542.1	-	387.9	404.6	390.6	406.4	-
Heavy construction, except building	16	736.0	762.9	697.6	756.7	779.7	615.5	642.3	580.6	638.9	-
Highway and street construction	161	242.2	261.0	211.5	251.6	-	203.5	221.6	172.0	211.5	-
Heavy construction, except highway	162	493.8	501.9	486.1	505.1	-	412.0	420.7	408.6	427.4	-
Special trade contractors	17	2,841.6	2,922.5	2,902.5	3,046.0	3,157.7	2,214.7	2,289.0	2,258.0	2,393.4	-
Plumbing, heating, and air conditioning	171	619.7	634.6	644.6	660.1	-	450.0	463.1	468.3	482.4	-
Painting and paper hanging	172	160.8	172.7	163.7	177.0	-	133.9	144.5	134.2	147.5	-
Electrical work	173	506.9	521.2	534.0	545.6	-	389.4	403.0	412.2	423.0	-
Masonry, stonework, and plastering	174	403.1	415.9	428.5	448.2	-	345.5	357.7	367.7	385.7	-
Carpentry and floor work	175	186.4	190.7	215.5	225.9	-	138.0	141.4	162.9	172.1	-
Roofing, siding, and sheet metal work	176	206.8	211.7	208.7	220.9	-	166.0	170.5	166.4	178.2	-
Manufacturing		17,991	18,082	17,904	17,972	18,135	12,271	12,346	12,314	12,369	12,506
Durable goods		10,182	10,206	10,188	10,224	10,314	6,819	6,842	6,908	6,943	7,018
Lumber and wood products	24	695.2	708.8	714.2	723.9	740.6	571.6	584.0	589.6	598.7	613.3
Logging	241	75.8	80.4	71.1	73.9	-	61.0	65.2	57.2	59.9	-
Sawmills and planing mills	242	179.9	182.7	183.0	183.9	-	156.0	158.8	158.8	159.6	-
Sawmills and planing mills, general	2421	143.4	146.0	145.5	146.2	-	124.1	126.7	126.0	126.7	-
Hardwood dimension and flooring mills	2426	34.5	34.7	35.4	35.6	-	30.2	30.4	31.1	31.2	-
Millwork, plywood, and structural members	243	248.0	251.9	258.6	262.9	-	199.2	202.5	208.6	212.9	-
Millwork	2431	101.1	103.0	105.2	106.6	-	78.8	80.6	82.7	84.1	-
Wood kitchen cabinets	2434	68.5	69.0	71.6	73.1	-	54.5	54.8	57.5	59.1	-
Hardwood veneer and plywood	2435	23.4	23.9	24.2	24.3	-	20.2	20.5	20.9	21.0	-
Softwood veneer and plywood	2436	28.1	28.3	28.2	28.5	-	25.3	25.6	25.2	25.5	-
Wood containers	244	45.7	46.1	47.0	47.2	-	38.7	39.1	40.0	40.1	-
Wood buildings and mobile homes	245	63.4	64.7	70.2	71.3	-	49.5	50.7	56.0	57.1	-
Mobile homes	2451	47.0	48.1	54.3	55.0	-	38.8	39.8	45.4	46.1	-
Miscellaneous wood products	249	82.4	83.0	84.3	84.7	-	67.2	67.7	69.0	69.1	-
Furniture and fixtures	25	484.9	487.5	491.3	493.7	501.0	383.2	385.1	389.9	391.4	395.7
Household furniture	251	278.8	278.1	281.5	282.2	-	233.2	232.2	236.1	236.5	-
Wood household furniture	2511	123.1	123.2	122.7	123.0	-	105.8	105.8	105.2	105.5	-
Upholstered household furniture	2512	91.5	91.3	93.4	92.8	-	76.4	76.1	79.0	78.3	-
Metal household furniture	2514	22.3	21.6	22.9	23.0	-	18.3	17.4	18.8	18.9	-
Mattresses and bedsprings	2515	28.5	28.6	30.0	30.3	-	21.6	21.8	23.0	23.1	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Durable goods—Continued											
Furniture and fixtures—Continued											
Office furniture	252	60.0	60.5	61.1	61.3	-	43.2	43.6	44.9	44.9	-
Public building and related furniture	253	37.1	37.8	38.2	38.4	-	29.7	30.3	30.2	30.4	-
Partitions and fixtures	254	74.3	75.7	75.8	76.6	-	54.1	55.4	55.2	55.8	-
Miscellaneous furniture and fixtures	259	34.7	35.4	34.7	35.2	-	23.0	23.6	23.5	23.8	-
Stone, clay, and glass products	32	519.4	525.2	525.0	531.9	540.3	400.3	405.8	405.4	412.1	419.7
Flat glass	321	14.4	14.4	14.3	14.3	-	11.2	11.3	11.2	11.1	-
Glass and glassware, pressed or blown	322	77.1	77.2	77.0	76.4	-	64.8	65.0	63.8	63.4	-
Glass containers	3221	35.6	35.6	34.0	33.6	-	31.9	31.9	30.4	30.1	-
Pressed and blown glass, nec	3229	41.5	41.6	43.0	42.8	-	32.9	33.1	33.4	33.3	-
Products of purchased glass	323	59.3	59.5	59.4	59.4	-	45.0	45.0	44.7	44.8	-
Cement, hydraulic	324	17.8	18.4	17.7	17.8	-	13.7	14.2	13.4	13.5	-
Structural clay products	325	32.4	32.7	32.3	32.5	-	25.0	25.4	25.0	25.4	-
Pottery and related products	326	39.1	39.4	40.1	40.1	-	30.5	30.8	31.8	31.9	-
Concrete, gypsum, and plaster products	327	191.8	195.5	196.1	202.8	-	145.7	149.1	149.4	155.5	-
Concrete block and brick	3271	16.6	17.0	16.8	17.5	-	10.6	10.9	10.8	11.2	-
Concrete products, nec	3272	63.0	64.1	64.2	65.5	-	46.8	47.8	47.6	48.8	-
Ready-mixed concrete	3273	95.3	97.5	98.2	102.8	-	75.1	77.0	77.6	82.0	-
Misc. nonmetallic mineral products	329	74.1	74.6	74.9	75.1	-	54.6	55.2	56.7	56.9	-
Abrasive products	3291	19.5	19.7	19.6	19.7	-	14.2	14.5	14.9	15.1	-
Asbestos products	3292	3.1	3.0	2.8	2.9	-	2.4	2.4	2.3	2.3	-
Mineral wool	3296	22.1	22.3	21.9	22.0	-	-	-	-	-	-
Primary metal industries	33	680.2	680.5	676.2	678.7	686.8	518.0	518.7	518.5	520.9	529.1
Blast furnaces and basic steel products	331	239.2	239.0	229.7	229.7	234.3	182.6	182.5	174.1	173.6	178.4
Blast furnaces and steel mills	3312	174.6	174.3	167.2	166.9	-	134.1	133.8	127.7	127.1	-
Steel pipe and tubes	3317	25.5	25.7	25.4	25.5	-	18.9	19.1	18.7	18.8	-
Iron and steel foundries	332	119.1	119.3	122.6	123.6	-	94.8	95.3	99.0	100.2	-
Gray and ductile iron foundries	3321	75.3	75.8	77.3	78.0	-	60.6	61.1	63.4	63.9	-
Malleable iron foundries	3322	5.2	5.1	5.7	5.4	-	4.1	4.1	4.3	4.3	-
Steel foundries, nec	3325	24.5	24.5	25.4	25.7	-	19.2	19.2	20.3	20.6	-
Primary nonferrous metals	333	42.0	41.9	39.5	39.7	-	31.9	31.8	29.6	29.9	-
Primary aluminum	3334	24.2	24.0	22.4	22.5	-	19.0	18.8	17.5	17.7	-
Nonferrous rolling and drawing	335	160.4	160.6	161.7	162.5	-	116.4	116.3	120.1	120.9	-
Copper rolling and drawing	3351	21.6	21.7	21.7	21.8	-	16.4	16.5	16.7	16.8	-
Aluminum sheet, plate, and foil	3353	24.3	24.3	23.4	23.3	-	16.1	16.1	16.3	16.3	-
Nonferrous wire drawing and insulating	3357	68.4	68.4	70.3	70.8	-	50.1	49.8	52.2	52.6	-
Nonferrous foundries (castings)	336	78.2	78.5	80.7	81.3	-	62.4	63.0	65.2	65.9	-
Aluminum foundries	3365	22.3	22.1	23.1	23.1	-	17.8	17.7	18.6	18.8	-
Fabricated metal products	34	1,329.9	1,335.8	1,347.8	1,355.8	1,371.1	979.7	985.6	1,003.6	1,010.9	1,024.3
Metal cans and shipping containers	341	42.2	42.5	40.2	40.3	-	36.4	36.6	34.5	34.4	-
Metal cans	3411	34.0	34.4	32.4	32.7	-	29.8	30.1	28.1	28.2	-
Cutlery, handtools, and hardware	342	122.9	124.1	125.9	126.7	-	91.4	92.4	94.5	95.3	-
Hand and edge tools, and blades and handsaws	3423,5	41.7	42.0	43.2	43.5	-	31.2	31.5	33.1	33.4	-
Hardware, nec	3429	69.5	70.4	70.9	71.3	-	52.2	52.9	53.4	53.8	-
Plumbing and heating, except electric	343	55.5	55.9	57.8	58.4	-	39.3	39.6	41.6	42.2	-
Plumbing fixture fittings and trim	3432	24.5	24.4	25.2	25.1	-	18.3	18.2	19.1	18.9	-
Heating equipment, except electric	3433	18.0	18.5	19.1	19.7	-	11.5	11.9	12.2	12.9	-
Fabricated structural metal products	344	390.1	394.1	394.0	396.9	-	275.7	279.6	282.7	285.7	-
Fabricated structural metal	3441	67.0	67.3	65.8	66.4	-	47.5	47.8	47.0	47.9	-
Metal doors, sash, and trim	3442	70.0	71.3	72.1	73.9	-	50.4	51.7	52.9	54.4	-
Fabricated plate work (boiler shops)	3443	97.9	98.0	95.1	94.6	-	66.4	66.5	66.1	65.9	-
Sheet metal work	3444	95.1	96.7	98.8	99.3	-	71.1	72.6	74.5	74.8	-
Architectural metal work	3446	25.3	25.3	25.4	25.6	-	17.7	17.8	18.0	18.1	-
Screw machine products, bolts, etc	345	91.3	91.9	93.7	94.3	-	70.0	70.4	72.8	73.3	-
Screw machine products	3451	45.6	45.9	47.9	48.3	-	37.0	37.2	39.0	39.3	-
Bolts, nuts, rivets, and washers	3452	45.7	46.0	45.8	46.0	-	33.0	33.2	33.8	34.0	-
Metal forgings and stampings	346	220.8	219.8	226.2	228.3	-	175.6	175.1	181.0	182.7	-
Iron and steel forgings	3462	28.9	28.8	29.5	29.7	-	22.0	22.0	22.7	22.9	-
Automotive stampings	3465	101.1	100.5	104.6	105.8	-	85.5	85.0	88.6	89.5	-
Metal stampings, nec	3469	79.3	79.3	81.2	81.9	-	59.9	59.9	61.9	62.5	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Durable goods—Continued											
Fabricated metal products—Continued											
Metal services, nec	347	117.0	117.2	118.4	118.3	-	91.0	91.4	92.8	92.5	-
Plating and polishing	3471	73.1	73.2	73.5	73.6	-	56.7	57.0	57.4	57.3	-
Metal coating and allied services	3479	43.9	44.0	44.9	44.7	-	34.3	34.4	35.4	35.2	-
Ordnance and accessories, nec	348	59.8	59.4	55.2	54.7	-	33.6	33.5	30.8	30.3	-
Ammunition, except for small arms, nec	3483	35.7	35.2	32.2	31.8	-	17.3	17.2	15.3	14.9	-
Miscellaneous fabricated metal products	349	230.5	230.9	236.4	237.9	-	166.7	167.0	172.9	174.5	-
Valves and pipe fittings, nec	3494	25.1	24.9	24.4	24.7	-	18.4	18.3	18.0	18.3	-
Misc. fabricated wire products	3496	53.4	53.3	54.6	54.9	-	40.4	40.4	41.7	42.0	-
Industrial machinery and equipment	35	1,924.9	1,927.2	1,940.2	1,945.7	1,955.8	1,165.7	1,167.3	1,201.4	1,206.4	1,214.5
Engines and turbines	351	86.8	86.8	89.2	89.1	-	54.1	53.7	56.3	56.2	-
Turbines and turbine generator sets	3511	28.1	28.0	28.1	27.9	-	16.4	16.2	16.5	16.3	-
Internal combustion engines, nec	3519	58.7	58.8	61.1	61.2	-	37.7	37.5	39.8	39.9	-
Farm and garden machinery	352	98.6	98.4	105.0	105.5	-	71.7	71.4	76.1	78.6	-
Farm machinery and equipment	3523	72.5	73.1	76.9	76.8	-	51.1	51.5	55.5	55.6	-
Construction and related machinery	353	208.9	209.8	212.7	214.1	-	126.8	127.7	132.7	134.2	-
Construction machinery	3531	77.9	78.6	80.5	81.5	-	47.4	47.8	51.6	52.9	-
Mining machinery	3532	15.3	15.1	14.4	14.5	-	9.0	8.9	8.3	8.4	-
Oil and gas field machinery	3533	38.0	37.8	37.9	37.4	-	24.6	24.6	25.0	24.9	-
Conveyors and conveying equipment	3535	35.0	35.5	36.7	37.1	-	19.5	19.9	20.7	20.7	-
Industrial trucks and tractors	3537	25.9	26.0	27.2	27.6	-	16.9	17.1	18.1	18.3	-
Metalworking machinery	354	306.7	307.2	313.8	314.6	-	215.1	215.1	222.0	222.1	-
Machine tools, metal cutting types	3541	36.5	36.7	37.1	37.2	-	22.1	22.1	22.8	23.0	-
Machine tools, metal forming types	3542	15.4	15.4	15.6	15.6	-	9.5	9.6	9.8	9.8	-
Special dies, tools, jigs, and fixtures	3544	143.9	144.2	148.1	148.1	-	110.0	110.0	113.0	112.9	-
Machine tool accessories	3545	48.4	48.6	49.4	49.6	-	33.6	33.6	34.4	34.4	-
Power driven handtools	3546	23.3	23.3	23.8	23.6	-	15.4	15.6	16.3	16.0	-
Special industry machinery	355	148.1	148.9	150.1	150.7	-	84.9	84.8	87.0	87.5	-
Textile machinery	3552	15.5	15.6	15.4	15.5	-	10.3	10.3	10.3	10.1	-
Printing trades machinery	3555	21.2	21.2	20.2	20.3	-	11.3	11.1	10.7	10.8	-
Food products machinery	3556	22.9	23.0	23.1	23.4	-	13.6	13.6	14.0	14.3	-
General industrial machinery	356	235.6	236.1	237.1	236.9	-	149.8	149.9	151.1	150.9	-
Pumps and pumping equipment	3561	30.8	30.8	30.0	29.7	-	17.0	17.0	16.5	16.4	-
Ball and roller bearings	3562	37.2	37.2	36.3	36.4	-	29.6	29.4	28.8	28.9	-
Air and gas compressors	3563	25.1	24.6	26.1	26.3	-	13.8	13.3	14.3	14.4	-
Blowers and fans	3564	32.1	32.4	32.5	32.7	-	21.6	21.8	22.1	22.1	-
Speed changers, drives, and gears	3566	15.4	15.6	15.2	15.1	-	10.9	11.1	10.6	10.5	-
Power transmission equipment, nec	3568	18.9	19.0	19.6	19.6	-	12.6	12.6	13.1	13.1	-
Computer and office equipment	357	364.6	361.8	341.7	341.1	-	121.1	120.1	118.3	117.7	-
Electronic computers	3571	220.0	215.7	199.1	198.6	-	57.0	55.6	55.7	56.4	-
Computer terminals, calculators, and office machines, nec	3575,8,9	53.2	53.7	52.1	52.3	-	23.4	23.1	21.2	20.6	-
Refrigeration and service machinery	358	179.0	180.0	187.7	189.4	-	126.0	126.9	132.5	134.5	-
Refrigeration and heating equipment	3585	123.3	123.7	128.4	129.6	-	91.1	91.5	95.2	96.6	-
Misc. industrial and commercial machinery	359	296.6	298.2	302.9	304.3	-	216.2	217.7	223.4	224.7	-
Carburetors, pistons, rings, valves	3592	20.3	20.5	21.5	21.6	-	16.5	16.5	17.7	18.0	-
Scales, balances, and industrial machinery, nec	3596,9	234.0	235.3	238.5	239.4	-	175.4	176.8	180.2	181.1	-
Electronic and other electrical equipment	36	1,517.3	1,521.1	1,536.9	1,538.7	1,553.4	970.5	973.5	989.0	989.3	999.4
Electric distribution equipment	361	80.9	81.2	81.3	81.1	-	56.2	56.6	57.0	56.8	-
Transformers, except electronic	3612	40.9	40.8	41.2	41.0	-	29.3	29.3	29.9	29.7	-
Switchgear and switchboard apparatus	3613	40.0	40.4	40.1	40.1	-	26.9	27.3	27.1	27.1	-
Electrical industrial apparatus	362	153.5	154.7	158.0	158.6	-	107.6	108.3	110.8	111.7	-
Motors and generators	3621	75.8	76.3	78.1	78.7	-	58.9	59.1	60.7	61.4	-
Relays and industrial controls	3625	58.9	59.6	60.6	60.4	-	35.4	35.8	36.1	36.1	-
Household appliances	363	120.2	118.6	124.9	124.7	-	96.5	95.0	102.3	101.7	-
Household refrigerators and freezers	3632	30.2	29.4	31.5	30.6	-	26.2	25.4	27.8	27.0	-
Household laundry equipment	3633	15.9	15.3	17.1	17.6	-	12.3	11.8	14.1	14.6	-
Electric housewares and fans	3634	27.2	27.5	27.6	27.9	-	21.0	21.5	21.6	21.6	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993 ^P	Apr. 1994	May 1994 ^P	June 1994 ^P
Durable goods—Continued											
Electronic and other electrical equipment—Continued											
Electric lighting and wiring equipment	364	170.5	170.5	175.3	174.9	-	123.5	123.5	126.7	126.5	-
Electric lamps	3641	21.8	21.7	21.7	21.7	-	17.5	17.5	17.0	17.0	-
Current-carrying wiring devices	3643	61.2	61.5	62.9	63.0	-	41.0	41.1	42.2	42.3	-
Noncurrent-carrying wiring devices	3644	18.9	18.9	19.7	19.6	-	13.5	13.5	14.5	14.5	-
Residential lighting fixtures	3645	19.0	18.6	18.8	18.9	-	14.4	14.0	14.1	14.1	-
Household audio and video equipment	365	81.1	81.5	82.9	83.0	-	53.5	53.8	54.6	54.5	-
Household audio and video equipment	3651	57.6	58.4	58.9	58.8	-	36.1	36.9	37.1	36.7	-
Communications equipment	366	237.1	237.0	233.6	233.6	-	121.9	121.9	119.7	120.0	-
Telephone and telegraph apparatus	3661	110.1	110.2	106.0	106.3	-	61.3	61.3	58.2	58.7	-
Electronic components and accessories	367	525.7	527.0	527.4	529.4	-	308.4	309.8	310.2	310.2	-
Electron tubes	3671	25.4	25.2	24.7	24.8	-	16.9	17.0	16.5	16.6	-
Semiconductors and related devices	3674	212.5	212.4	217.1	218.3	-	89.9	90.1	94.1	93.4	-
Electronic components, nec	3679	126.4	127.6	126.8	127.2	-	82.5	83.4	82.8	83.5	-
Misc. electrical equipment and supplies	369	148.3	150.6	153.5	153.4	-	102.9	104.6	107.7	107.9	-
Storage batteries	3691	25.1	25.5	25.9	25.6	-	19.2	19.6	20.0	19.9	-
Engine electrical equipment	3694	62.9	64.7	68.7	69.0	-	48.6	49.8	53.2	53.5	-
Transportation equipment	37	1,758.0	1,747.8	1,722.3	1,724.8	1,730.7	1,123.0	1,114.3	1,121.2	1,126.3	1,132.3
Motor vehicles and equipment	371	830.0	829.7	872.3	878.0	885.6	640.9	639.0	673.3	679.2	685.1
Motor vehicles and car bodies	3711	318.1	313.9	334.1	335.4	-	231.9	228.2	239.8	241.9	-
Truck and bus bodies	3713	35.4	36.3	36.8	37.3	-	28.1	28.9	29.5	30.0	-
Motor vehicle parts and accessories	3714	428.3	430.8	450.5	453.9	-	342.5	343.0	362.5	365.6	-
Truck trailers	3715	29.6	29.8	32.3	32.6	-	23.8	24.0	26.6	26.7	-
Aircraft and parts	372	548.7	542.3	485.9	482.5	478.9	256.3	252.3	224.3	222.5	-
Aircraft	3721	304.7	301.4	272.7	271.3	-	124.6	122.6	109.4	108.6	-
Aircraft engines and engine parts	3724	111.1	110.0	97.9	97.0	-	54.7	54.0	48.2	47.7	-
Aircraft parts and equipment, nec	3728	132.9	130.9	115.3	114.2	-	77.0	75.7	66.7	66.2	-
Ship and boat building and repairing	373	160.9	158.4	158.4	159.5	-	125.4	122.9	123.1	124.4	-
Ship building and repairing	3731	113.5	111.0	108.6	108.4	-	86.5	84.1	81.3	81.4	-
Boat building and repairing	3732	47.4	47.4	49.8	51.1	-	38.9	38.8	41.8	43.0	-
Railroad equipment	374	30.0	30.1	30.6	31.0	-	22.2	22.2	22.8	22.9	-
Guided missiles, space vehicles, and parts	376	125.6	124.5	109.6	108.7	-	35.4	35.0	31.3	31.3	-
Guided missiles and space vehicles	3761	90.2	89.6	77.3	76.6	-	23.5	23.2	20.0	20.0	-
Miscellaneous transportation equipment	379	45.4	45.3	48.5	47.9	-	29.9	30.0	34.0	33.4	-
Travel trailers and campers	3792	18.3	18.2	21.3	21.2	-	14.8	14.7	17.8	17.5	-
Instruments and related products	38	896.5	894.6	859.1	855.5	857.1	438.1	437.8	422.4	419.8	421.5
Search and navigation equipment	381	205.3	204.4	186.0	181.7	-	64.0	64.2	57.7	55.0	-
Measuring and controlling devices	382	283.2	282.6	275.7	275.6	-	146.5	146.1	141.4	141.4	-
Environmental controls	3822	42.9	42.7	42.4	42.5	-	28.4	28.4	27.8	27.8	-
Process control instruments	3823	60.0	60.0	58.6	58.6	-	28.8	28.8	27.8	27.8	-
Instruments to measure electricity	3825	72.7	72.6	70.2	70.2	-	35.1	35.0	33.4	33.2	-
Medical instruments and supplies	384	269.8	269.6	265.8	266.1	-	155.8	155.7	154.0	154.2	-
Surgical and medical instruments	3841	110.2	110.6	110.1	109.8	-	65.4	65.9	66.5	66.8	-
Surgical appliances and supplies	3842	97.0	96.9	94.8	95.3	-	62.1	62.3	59.9	60.2	-
Ophthalmic goods	385	38.8	38.9	38.4	38.4	-	26.2	26.3	25.8	25.6	-
Photographic equipment and supplies	386	91.0	90.6	85.1	85.5	-	38.8	38.7	36.9	36.9	-
Watches, clocks, watchcases, and parts	387	8.4	8.5	8.1	8.2	-	6.8	6.8	6.6	6.7	-
Miscellaneous manufacturing industries	39	375.3	377.2	374.9	375.3	377.2	269.2	270.3	266.8	267.4	268.4
Jewelry, silverware, and plated ware	391	50.8	50.5	50.5	50.3	-	36.1	35.6	35.2	35.1	-
Jewelry, precious metal	3911	37.7	37.4	37.8	37.7	-	26.6	26.2	26.2	26.2	-
Musical instruments	393	12.7	13.5	13.6	13.5	-	10.5	11.1	11.0	10.9	-
Toys and sporting goods	394	109.8	110.0	109.1	109.5	-	79.1	79.1	77.6	77.9	-
Dolls, games, toys, and children's vehicles	3942.4	42.0	42.4	41.6	41.7	-	29.1	29.5	27.9	27.8	-
Sporting and athletic goods, nec	3949	87.8	67.6	67.5	67.8	-	50.0	49.6	49.7	50.1	-
Pens, pencils, office, and art supplies	395	33.4	33.9	31.6	31.5	-	22.4	22.9	21.5	21.3	-
Costume jewelry and notions	396	29.9	30.1	28.9	28.5	-	22.1	22.4	21.7	21.3	-
Costume jewelry	3961	18.5	18.7	17.8	17.4	-	13.3	13.8	13.2	12.8	-
Miscellaneous manufactures	399	138.7	139.2	141.2	142.0	-	99.0	99.2	99.8	100.9	-
Signs and advertising specialties	3993	56.2	56.4	58.8	58.5	-	38.1	38.1	39.4	39.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Nondurable goods		7,809	7,876	7,716	7,748	7,821	5,452	5,504	5,406	5,426	5,488
Food and kindred products	20	1,636.6	1,673.2	1,613.6	1,626.1	1,663.4	1,185.7	1,218.0	1,175.5	1,184.0	1,215.7
Meat products	201	437.6	441.6	437.8	439.1	-	371.7	375.1	373.2	374.6	-
Meat packing plants	2011	136.4	137.3	133.3	133.0	-	114.5	115.1	112.8	112.6	-
Sausages and other prepared meats	2013	87.6	88.9	87.7	88.4	-	66.2	67.7	67.8	68.6	-
Poultry slaughtering and processing	2015	213.6	215.4	216.8	217.7	-	191.0	192.3	192.6	193.4	-
Dairy products	202	154.7	157.7	151.2	152.0	-	97.7	100.2	96.2	96.5	-
Cheese, natural and processed	2022	40.6	41.3	39.8	40.1	-	32.5	33.3	32.4	32.6	-
Fluid milk	2026	69.5	70.3	68.8	68.8	-	36.3	36.8	36.3	36.3	-
Preserved fruits and vegetables	203	224.4	238.9	219.9	225.3	-	184.5	197.9	180.1	184.3	-
Canned specialties	2032	21.4	22.0	21.0	21.4	-	17.4	18.0	17.1	17.5	-
Canned fruits and vegetables	2033	67.4	71.8	67.3	69.2	-	54.3	58.1	53.7	55.2	-
Frozen fruits and vegetables	2037	47.0	52.1	44.8	48.2	-	40.8	45.7	38.8	40.0	-
Grain mill products	204	126.9	127.6	124.6	125.1	-	90.2	90.6	89.1	89.2	-
Flour and other grain mill products	2041	19.5	19.7	19.5	19.5	-	13.0	13.2	13.3	13.2	-
Prepared feeds, nec	2048	41.7	42.0	41.0	41.3	-	26.5	26.7	26.0	26.0	-
Bakery products	205	207.4	209.5	209.1	209.4	-	132.6	134.8	136.0	136.5	-
Bread, cake, and related products	2051	149.7	150.5	149.2	150.2	-	88.9	90.1	89.5	90.4	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	57.7	59.0	59.9	59.2	-	43.7	44.7	46.5	46.1	-
Sugar and confectionery products	206	94.5	96.6	93.4	93.5	-	72.3	74.6	71.4	71.6	-
Raw cane sugar	2061	5.5	5.5	5.8	6.3	-	4.6	4.6	4.4	5.0	-
Cane sugar refining	2062	5.0	4.9	4.7	4.7	-	3.5	3.5	3.3	3.3	-
Beet sugar	2063	8.0	8.0	8.4	7.8	-	6.8	6.8	7.1	6.5	-
Candy and other confectionery products	2064	47.9	50.3	48.3	48.1	-	36.9	39.7	38.0	37.7	-
Fats and oils	207	31.8	31.6	30.6	30.4	-	21.1	21.0	21.1	21.0	-
Beverages	208	178.9	181.7	175.5	177.4	-	81.4	83.0	83.2	84.1	-
Malt beverages	2082	40.3	40.5	37.5	37.8	-	24.6	25.0	24.6	24.8	-
Bottled and canned soft drinks	2086	94.4	96.3	95.4	96.4	-	35.7	36.6	37.2	37.7	-
Misc. food and kindred products	209	180.4	188.0	171.5	173.9	-	134.2	140.8	125.2	126.2	-
Tobacco products	21	39.9	40.2	38.3	37.0	36.2	29.2	29.3	28.7	27.8	25.5
Cigarettes	211	29.4	30.1	27.4	27.5	-	22.1	22.6	21.0	21.4	-
Textile mill products	22	678.1	680.2	671.3	671.4	675.6	577.2	578.9	571.3	571.3	575.6
Broadwoven fabric mills, cotton	221	85.1	85.2	83.5	83.6	-	75.5	75.6	74.4	74.4	-
Broadwoven fabric mills, synthetics	222	70.5	70.3	70.2	70.0	-	59.7	59.4	59.3	59.1	-
Broadwoven fabric mills, wool	223	17.4	17.5	17.7	17.7	-	14.6	14.7	15.1	15.1	-
Narrow fabric mills	224	22.0	22.1	21.8	22.2	-	18.5	18.6	18.3	18.7	-
Knitting mills	225	204.0	205.3	196.3	195.5	-	176.7	177.8	169.5	168.8	-
Women's hosiery, except socks	2251	28.8	28.7	25.4	25.1	-	25.5	25.3	22.2	22.0	-
Hosiery, nec	2252	38.9	39.1	39.7	40.0	-	34.9	35.2	35.4	35.7	-
Knit outerwear mills	2253	59.6	60.6	57.4	56.4	-	51.7	52.6	49.4	48.4	-
Knit underwear mills	2254	26.6	26.5	24.9	24.8	-	22.9	22.8	21.8	21.7	-
Weft knit fabric mills	2257	28.4	28.5	26.9	27.2	-	24.0	24.1	22.8	23.0	-
Textile finishing, except wool	226	71.8	71.9	71.5	71.6	-	58.7	58.9	59.1	58.8	-
Finishing plants, cotton	2261	32.5	32.5	32.7	33.3	-	26.9	27.0	27.5	27.8	-
Finishing plants, synthetics	2262	24.6	24.7	24.5	24.0	-	19.6	19.7	19.6	19.0	-
Carpets and rugs	227	58.8	58.8	62.7	63.1	-	47.2	47.1	50.0	50.7	-
Yarn and thread mills	228	97.4	97.5	95.5	95.4	-	87.2	87.3	85.3	85.1	-
Yarn spinning mills	2281	76.2	76.4	74.0	73.8	-	68.8	69.0	66.8	66.7	-
Throwing and winding mills	2282	14.4	14.3	14.4	14.4	-	12.5	12.4	12.4	12.3	-
Miscellaneous textile goods	229	51.1	51.6	52.1	52.3	-	39.1	39.5	40.3	40.6	-
Apparel and other textile products	23	996.9	999.0	953.7	960.2	964.1	836.8	836.9	800.0	804.4	806.2
Men's and boys' suits and coats	231	42.0	42.4	40.7	41.0	-	34.9	35.2	34.0	34.3	-
Men's and boys' furnishings	232	276.5	277.7	264.4	264.1	-	239.0	239.4	228.4	228.0	-
Men's and boys' shirts	2321	66.4	66.7	60.8	60.6	-	57.2	57.4	52.1	52.1	-
Men's and boys' trousers and slacks	2325	81.9	82.6	79.0	79.1	-	71.6	72.1	68.8	68.8	-
Men's and boys' work clothing	2326	41.8	41.9	40.8	41.2	-	36.6	36.4	35.7	35.9	-
Women's and misses' outerwear	233	308.6	306.6	284.9	289.6	-	257.9	256.3	238.4	241.3	-
Women's and misses' blouses and shirts	2331	33.1	32.9	30.3	30.4	-	27.0	26.9	24.6	24.7	-
Women's, juniors', and misses' dresses	2335	52.3	52.8	48.7	49.1	-	42.0	42.5	39.3	39.6	-
Women's and misses' suits and coats	2337	36.1	37.0	29.6	30.9	-	30.2	31.0	23.7	24.8	-
Women's and misses' outerwear, nec	2339	187.1	183.9	176.3	179.2	-	158.7	155.9	150.8	152.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Nondurable goods—Continued											
Apparel and other textile products—Continued											
Women's and children's undergarments	234	53.8	54.2	52.8	52.8	-	44.7	44.7	43.7	43.6	-
Women's and children's underwear	2341	41.9	42.3	40.5	40.5	-	36.0	36.2	35.0	34.9	-
Brassieres, girdles, and allied garments	2342	11.9	11.9	12.3	12.3	-	8.7	8.5	8.7	8.7	-
Girls' and children's outerwear	236	48.9	49.6	43.6	44.2	-	41.5	42.0	36.7	37.3	-
Girls' and children's dresses and blouses	2361	20.7	20.7	17.7	18.0	-	17.7	17.7	14.9	15.2	-
Misc. apparel and accessories	238	42.8	42.9	40.6	41.0	-	34.8	34.9	33.0	33.6	-
Misc. fabricated textile products	239	203.1	204.2	205.8	206.2	-	166.4	166.8	168.2	168.4	-
Curtains and draperies	2391	21.6	21.5	21.8	21.7	-	17.3	17.2	17.3	17.1	-
House furnishings, nec	2392	50.9	50.4	51.3	50.6	-	43.3	42.8	43.4	42.9	-
Automotive and apparel trimmings	2396	51.4	51.9	53.1	53.9	-	42.0	42.2	43.0	43.7	-
Paper and allied products	26	689.1	696.6	679.4	681.1	690.0	518.8	526.0	513.6	515.8	524.4
Paper mills	262	171.1	173.5	166.6	166.6	-	130.4	132.7	128.0	128.3	-
Paperboard mills	263	51.0	52.2	49.6	49.7	-	39.0	40.1	38.3	38.3	-
Paperboard containers and boxes	265	211.4	213.5	210.7	211.7	-	165.0	166.8	164.1	165.1	-
Corrugated and solid fiber boxes	2653	122.6	123.7	124.6	125.2	-	92.4	93.4	93.9	94.4	-
Sanitary food containers	2656	16.9	17.2	16.2	16.5	-	14.9	15.1	14.3	14.5	-
Folding paperboard boxes	2657	49.1	49.4	48.0	47.9	-	39.6	39.8	38.9	39.0	-
Misc. converted paper products	267	242.2	243.8	239.8	240.1	-	174.1	175.9	173.6	174.0	-
Paper, coated and laminated, nec	2672	46.3	46.7	45.7	46.0	-	22.3	22.7	21.8	22.1	-
Bags: plastics, laminated, and coated	2673	37.4	37.7	37.9	37.9	-	27.9	28.2	28.4	28.3	-
Envelopes	2677	23.9	23.7	23.8	23.7	-	18.4	18.3	18.6	18.5	-
Printing and publishing	27	1,513.8	1,513.4	1,522.5	1,524.3	1,525.0	839.3	837.7	840.0	836.1	837.8
Newspapers	271	449.9	452.4	449.5	450.1	-	156.9	157.9	155.1	154.9	-
Periodicals	272	127.0	127.7	128.4	128.0	-	44.1	44.6	43.6	42.2	-
Books	273	121.6	120.4	125.7	124.7	-	67.4	66.0	68.7	67.3	-
Book publishing	2731	84.2	83.6	86.2	86.1	-	36.7	36.0	36.6	36.2	-
Book printing	2732	37.4	36.8	39.5	38.6	-	30.7	30.0	32.1	31.1	-
Miscellaneous publishing	274	81.2	79.6	80.1	80.6	-	38.7	38.2	39.1	38.8	-
Commercial printing	275	536.1	534.4	545.1	546.5	-	389.4	387.6	393.9	393.7	-
Commercial printing, lithographic	2752	349.4	348.3	354.6	354.3	-	253.0	251.7	254.6	254.3	-
Commercial printing, nec	2759	167.6	166.9	170.9	172.5	-	121.1	120.4	123.5	123.4	-
Manifold business forms	276	46.4	46.4	45.7	45.2	-	32.4	32.4	32.6	32.1	-
Blankbooks and bookbinding	278	68.4	69.1	67.3	67.5	-	51.9	52.6	51.9	51.9	-
Printing trade services	279	56.8	56.6	54.5	54.4	-	41.4	41.3	39.6	39.5	-
Chemicals and allied products	28	1,080.0	1,087.7	1,052.6	1,053.4	1,061.5	569.7	573.7	572.4	574.8	582.1
Industrial inorganic chemicals	281	135.1	135.9	130.1	130.3	-	58.1	58.5	56.7	55.8	-
Industrial inorganic chemicals, nec	2819	87.3	87.9	83.8	83.9	-	39.2	39.4	37.5	36.6	-
Plastics materials and synthetics	282	166.2	167.1	158.8	159.3	-	103.2	104.6	106.5	106.9	-
Plastics materials and resins	2821	80.7	81.5	78.4	78.8	-	49.9	50.6	50.0	50.2	-
Organic fibers, noncellulosic	2824	57.4	57.5	52.9	53.0	-	34.3	35.0	38.0	38.3	-
Drugs	283	264.1	267.0	264.9	263.7	-	116.4	117.2	121.0	121.5	-
Pharmaceutical preparations	2834	215.7	218.3	216.9	216.3	-	96.5	97.4	101.3	101.8	-
Soap, cleaners, and toilet goods	284	155.7	157.6	151.0	151.7	-	95.3	96.9	93.0	94.1	-
Soap and other detergents	2841	44.3	44.7	42.3	42.1	-	27.0	27.1	24.5	24.3	-
Polishing, sanitation, and finishing preparations	2842.3	43.3	43.7	43.4	43.8	-	24.9	25.2	25.4	25.8	-
Toilet preparations	2844	68.1	69.2	65.3	65.8	-	43.4	44.6	43.1	44.0	-
Paints and allied products	285	58.1	58.8	57.3	57.7	-	30.4	30.9	30.2	30.4	-
Industrial organic chemicals	286	151.4	152.3	144.3	144.1	-	77.9	78.8	79.4	80.0	-
Cyclic crudes and intermediates	2865	26.1	26.3	25.8	25.8	-	15.0	15.0	14.7	14.7	-
Industrial organic chemicals, nec	2869	122.4	123.1	115.8	115.6	-	60.8	61.7	62.7	63.3	-
Agricultural chemicals	287	57.4	56.9	56.9	56.9	-	34.1	32.6	33.2	33.3	-
Miscellaneous chemical products	289	92.0	92.1	89.3	89.7	-	54.3	54.2	52.4	52.8	-
Petroleum and coal products	29	152.3	154.3	146.2	149.0	151.5	100.7	101.7	94.9	97.2	99.1
Petroleum refining	291	112.0	112.9	108.5	108.8	-	72.6	72.8	69.9	69.8	-
Asphalt paving and roofing materials	295	27.8	28.9	25.5	27.9	-	21.6	22.4	18.7	21.0	-
Rubber and misc. plastics products	30	904.3	912.8	924.0	931.2	939.2	700.1	706.2	717.9	723.7	730.5
Tires and inner tubes	301	81.4	81.9	80.4	82.3	-	60.5	60.7	58.3	59.8	-
Rubber and plastics footwear	302	11.7	11.8	11.0	11.3	-	9.6	9.6	9.2	9.4	-
Hose, belting, gaskets, and packing	305	60.1	60.4	62.4	63.0	-	44.7	45.0	47.6	48.0	-
Rubber and plastics hose and belting	3052	23.9	23.9	24.6	24.9	-	18.4	18.4	19.3	19.5	-
Fabricated rubber products, nec	306	103.5	103.8	104.7	104.7	-	78.3	78.4	79.9	80.2	-
Miscellaneous plastics products, nec	308	647.6	654.9	665.5	669.9	-	507.0	512.5	522.9	526.3	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Nondurable goods—Continued											
Leather and leather products	31	117.9	118.7	114.8	113.9	114.2	94.6	95.3	91.7	90.8	91.0
Leather tanning and finishing	311	15.3	15.4	15.2	15.1	-	12.6	12.7	12.6	12.5	-
Footwear, except rubber	314	62.9	63.0	61.0	60.1	-	51.9	52.1	50.3	49.6	-
Men's footwear, except athletic	3143	30.8	30.7	29.5	28.6	-	24.2	24.2	23.0	22.3	-
Women's footwear, except athletic	3144	21.4	21.7	20.5	20.2	-	18.3	18.5	17.6	17.4	-
Luggage	316	10.7	11.1	10.2	10.2	-	7.9	8.2	7.7	7.7	-
Handbags and personal leather goods	317	12.5	12.4	12.1	12.2	-	9.0	8.9	8.3	8.3	-
Transportation and public utilities		5,789	5,824	5,718	5,857	5,902	4,843	4,879	4,773	4,912	4,950
Transportation		3,586	3,607	3,551	3,681	3,715	-	-	-	-	-
Railroad transportation	40	252.4	252.9	245.3	247.6	246.4	-	-	-	-	-
Class I railroads ²	4011	219.8	220.2	213.1	215.1	-	-	-	-	-	-
Local and interurban passenger transit	41	388.4	374.8	396.4	398.6	389.4	357.0	343.6	364.4	367.0	-
Local and suburban transportation	411	171.3	172.1	175.2	176.0	-	155.8	156.6	159.0	160.1	-
Taxicabs	412	29.9	29.4	30.2	30.1	-	-	-	-	-	-
Intercity and rural bus transportation	413	22.3	22.5	23.0	23.1	-	19.8	20.0	20.6	20.8	-
School buses	415	134.6	120.2	139.0	139.4	-	-	-	-	-	-
Trucking and warehousing	42	1,664.3	1,690.2	1,630.1	1,749.5	1,787.5	1,440.2	1,465.5	1,402.1	1,520.1	-
Trucking and courier services, except air	421	1,536.9	1,562.4	1,499.2	1,617.8	-	1,334.5	1,359.1	1,292.7	1,409.5	-
Public warehousing and storage	422	123.3	123.7	127.2	127.1	-	102.1	102.8	106.2	106.5	-
Water transportation	44	168.9	172.7	164.4	170.7	172.4	-	-	-	-	-
Water transportation of freight, nec	444	13.5	13.5	12.2	12.1	-	-	-	-	-	-
Water transportation services	449	108.7	110.8	106.9	112.1	-	96.3	98.2	95.4	100.3	-
Transportation by air	45	736.6	740.1	733.3	732.1	734.5	-	-	-	-	-
Air transportation, scheduled	451	605.7	608.5	603.6	602.6	-	-	-	-	-	-
Air transportation, scheduled	4512	498.6	500.5	488.8	486.9	-	-	-	-	-	-
Airports, flying fields, and services	458	99.6	99.6	98.3	97.4	-	-	-	-	-	-
Pipelines, except natural gas	46	18.4	18.7	17.5	17.7	18.1	14.1	14.5	13.5	13.6	-
Transportation services	47	356.6	357.8	364.1	365.2	366.4	279.8	281.4	287.8	289.2	-
Passenger transportation arrangement	472	186.5	185.8	193.6	195.0	-	146.2	146.0	154.5	155.9	-
Travel agencies	4724	149.3	149.9	157.5	158.1	-	115.7	116.6	124.6	125.4	-
Freight transportation arrangement	473	136.8	138.2	137.5	137.8	-	105.7	107.1	106.2	106.8	-
Communications and public utilities		2,203	2,217	2,167	2,176	2,187	-	-	-	-	-
Communications	48	1,258.7	1,262.4	1,244.7	1,253.4	1,258.3	979.1	983.1	952.3	958.9	-
Telephone communications	481	871.1	873.3	851.0	859.0	-	859.1	862.0	830.0	835.5	-
Telephone communications, except radio	4813	810.6	812.2	780.7	787.3	-	614.7	617.0	577.5	581.8	-
Radio and television broadcasting	483	229.3	229.6	230.0	230.7	-	191.4	192.0	192.1	193.0	-
Radio broadcasting stations	4832	113.2	114.2	111.9	112.5	-	-	-	-	-	-
Television broadcasting stations	4833	116.1	115.4	118.1	118.2	-	-	-	-	-	-
Cable and other pay television services	484	134.0	135.3	138.9	138.9	-	113.7	114.4	116.7	117.0	-
Electric, gas, and sanitary services	49	943.9	954.2	921.9	922.8	928.8	742.5	752.1	728.2	729.8	-
Electric services	491	428.8	432.2	417.7	418.1	-	334.1	338.2	325.5	326.8	-
Gas production and distribution	492	160.5	163.1	159.0	159.2	-	125.6	128.0	123.5	123.5	-
Combination utility services	493	191.4	191.8	182.5	181.8	-	144.9	145.6	141.5	140.8	-
Sanitary services	495	132.7	134.9	132.1	133.1	-	114.0	115.7	113.7	114.8	-
Wholesale trade		5,964	5,991	6,008	6,043	6,087	4,812	4,835	4,840	4,874	4,913
Durable goods	50	3,410	3,427	3,438	3,452	3,472	2,721	2,736	2,744	2,759	-
Motor vehicles, parts, and supplies	501	447.5	451.4	462.5	465.7	-	360.2	363.4	374.2	377.0	-
Automobiles and other motor vehicles	5012	112.0	112.2	116.0	116.6	-	-	-	-	-	-
Motor vehicle supplies and new parts	5013	265.9	268.5	275.4	277.2	-	-	-	-	-	-
Furniture and home furnishings	502	136.5	136.9	145.6	146.4	-	108.2	108.8	114.9	115.7	-
Furniture	5021	62.8	63.0	67.1	67.3	-	-	-	-	-	-
Home furnishings	5023	73.7	73.9	78.5	79.1	-	-	-	-	-	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p	May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p
Wholesale trade—Continued											
Durable goods—Continued											
Lumber and other construction materials	503	214.8	218.8	225.0	229.5	-	174.2	178.1	183.6	188.1	-
Lumber, plywood, and millwork	5031	112.3	113.8	119.4	121.4	-	-	-	-	-	-
Construction materials, nec	5039	34.3	34.9	36.2	36.9	-	-	-	-	-	-
Professional and commercial equipment	504	759.6	759.1	738.9	738.4	-	616.3	614.5	593.0	592.2	-
Office equipment	5044	184.9	185.5	186.2	186.0	-	-	-	-	-	-
Computers, peripherals and software	5045	285.2	283.3	253.8	252.5	-	-	-	-	-	-
Medical and hospital equipment	5047	156.6	156.9	166.2	167.0	-	129.0	128.8	135.8	136.2	-
Metals and minerals, except petroleum	505	130.4	132.2	135.5	135.4	-	103.8	105.4	109.0	108.7	-
Electrical goods	506	445.8	446.4	443.3	442.9	-	346.7	347.2	346.1	345.0	-
Electrical apparatus and equipment	5063	193.3	193.7	195.0	194.9	-	-	-	-	-	-
Electrical appliances, television and radio sets	5064	49.4	49.2	47.2	47.1	-	-	-	-	-	-
Electronic parts and equipment	5065	203.1	203.5	201.1	200.9	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	264.8	266.5	272.9	274.6	-	211.2	212.8	219.2	221.1	-
Hardware	5072	93.0	93.1	95.3	95.8	-	-	-	-	-	-
Plumbing and hydronic heating supplies	5074	106.7	107.1	109.2	109.5	-	-	-	-	-	-
Machinery, equipment, and supplies	508	723.3	726.1	714.2	716.2	-	569.4	573.4	562.6	565.8	-
Construction and mining machinery	5082	72.1	72.8	72.3	72.9	-	-	-	-	-	-
Farm and garden machinery	5083	112.7	114.1	112.5	113.2	-	-	-	-	-	-
Industrial machinery and equipment	5084	289.4	290.5	288.3	288.6	-	-	-	-	-	-
Industrial supplies	5085	137.9	138.0	134.1	135.1	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	287.2	289.6	299.7	303.3	-	230.6	232.8	241.5	245.0	-
Scrap and waste materials	5093	105.1	105.8	110.3	111.1	-	-	-	-	-	-
Nondurable goods	51	2,554	2,564	2,570	2,591	2,615	2,091	2,099	2,096	2,115	-
Paper and paper products	511	244.0	244.3	256.0	256.9	-	197.9	198.7	209.9	210.8	-
Stationery and office supplies	5112	133.5	133.6	142.4	142.6	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	199.3	199.6	197.9	197.5	-	165.4	165.6	162.1	162.0	-
Apparel, piece goods, and notions	513	203.3	205.9	200.1	200.3	-	160.7	162.4	156.9	157.1	-
Groceries and related products	514	844.5	852.6	851.6	866.0	-	711.6	718.8	710.4	723.1	-
Groceries, general line	5141	271.3	274.5	275.9	277.7	-	-	-	-	-	-
Meats and meat products	5147	59.7	60.0	60.1	60.1	-	-	-	-	-	-
Fresh fruits and vegetables	5148	100.2	100.3	91.7	97.6	-	-	-	-	-	-
Farm-product raw materials	515	111.7	111.4	111.9	110.8	-	90.7	90.6	90.9	89.8	-
Chemicals and allied products	516	141.1	142.1	136.2	136.4	-	106.5	107.2	102.7	102.9	-
Petroleum and petroleum products	517	164.3	164.7	169.3	170.6	-	132.1	132.7	136.8	138.1	-
Petroleum bulk stations and terminals	5171	67.1	67.4	69.0	69.7	-	-	-	-	-	-
Petroleum products, nec	5172	97.2	97.3	100.3	100.9	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	147.5	149.9	149.0	150.2	-	120.2	122.9	121.4	122.6	-
Beer and ale	5181	96.0	98.2	97.6	98.9	-	-	-	-	-	-
Wine and distilled beverages	5182	51.5	51.7	51.4	51.3	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	498.6	493.8	498.2	502.4	-	405.6	399.7	404.8	408.3	-
Farm supplies	5191	166.5	163.2	168.7	170.2	-	-	-	-	-	-
Retail trade		19,699	19,886	19,903	20,204	20,479	17,359	17,541	17,484	17,767	18,012
Building materials and garden supplies	52	801.5	813.3	832.1	861.7	874.8	667.2	678.3	691.4	720.0	-
Lumber and other building materials	521	451.9	465.2	484.2	499.9	-	381.8	394.1	408.7	423.7	-
Paint, glass, and wallpaper stores	523	65.4	66.3	66.5	68.3	-	50.3	51.4	51.5	52.9	-
Hardware stores	525	155.8	157.5	155.8	159.2	-	127.8	129.6	127.9	131.6	-
Retail nurseries and garden stores	526	101.7	97.1	95.4	103.4	-	86.0	81.6	79.3	87.2	-
General merchandise stores	53	2,383.8	2,396.9	2,351.4	2,362.1	2,380.1	2,224.9	2,238.7	2,193.5	2,203.6	-
Department stores	531	2,040.0	2,055.8	2,032.5	2,043.3	-	1,919.4	1,935.8	1,911.0	1,921.8	-
Variety stores	533	154.3	153.4	135.4	134.2	-	139.1	137.9	120.0	118.9	-
Miscellaneous general merchandise stores	539	189.3	187.7	183.5	184.6	-	166.4	165.0	162.5	162.9	-
Food stores	54	3,189.1	3,236.3	3,193.8	3,220.7	3,265.4	2,905.5	2,951.4	2,904.2	2,928.9	-
Grocery stores	541	2,849.3	2,889.1	2,840.7	2,860.7	-	2,611.0	2,650.6	2,600.0	2,618.9	-
Meat and fish markets	542	45.9	47.2	49.9	50.3	-	-	-	-	-	-
Dairy products stores	545	16.3	16.6	15.9	17.4	-	-	-	-	-	-
Retail bakeries	546	165.9	167.6	172.4	172.8	-	148.3	149.3	152.7	153.1	-
Automotive dealers and service stations	55	2,008.1	2,031.4	2,117.5	2,139.8	2,168.0	1,669.3	1,691.1	1,763.5	1,782.6	-
New and used car dealers	551	901.6	909.7	963.2	969.0	-	751.0	758.1	803.5	807.8	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p	May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p
Retail trade—Continued											
Automotive dealers and service stations—Continued											
Auto and home supply stores	553	340.0	344.5	356.5	361.4	-	268.6	273.0	284.3	288.5	-
Gasoline service stations	554	614.2	620.5	624.2	629.8	-	528.5	534.7	536.7	542.6	-
Automotive dealers, nec	559	7.0	6.9	5.6	5.6	-	5.9	5.8	4.7	4.7	-
Apparel and accessory stores	56	1,125.1	1,137.8	1,120.8	1,123.4	1,135.7	924.5	936.0	911.1	914.3	-
Men's and boys' clothing stores	561	85.5	86.4	84.3	84.6	-	69.0	69.8	67.4	67.8	-
Women's clothing stores	562	362.0	360.1	349.4	352.9	-	295.5	293.8	281.1	284.1	-
Family clothing stores	565	300.1	310.9	312.4	311.8	-	257.8	267.2	264.9	265.4	-
Shoe stores	566	210.7	210.7	207.6	206.9	-	164.6	165.4	161.4	160.8	-
Furniture and home furnishings stores	57	813.2	816.7	868.1	872.9	882.0	658.5	662.4	703.7	706.5	-
Furniture and home furnishings stores	571	443.3	445.8	479.4	483.9	-	359.0	361.7	389.7	392.4	-
Furniture stores	5712	266.6	267.2	289.0	291.9	-	-	-	-	-	-
Household appliance stores	572	74.4	73.8	71.1	71.0	-	60.3	60.0	57.4	57.2	-
Radio, television, and computer stores	573	295.5	297.1	317.6	318.0	-	239.2	240.7	256.6	256.9	-
Radio, television, and electronic stores	5731	122.1	123.3	136.0	136.4	-	99.9	101.0	110.7	111.4	-
Record and prerecorded tape stores	5735	65.9	65.7	67.6	67.9	-	53.1	52.7	53.5	53.7	-
Eating and drinking places	58	6,940.9	7,028.5	6,973.9	7,159.0	7,307.1	6,287.2	6,372.9	6,289.3	6,468.3	-
Miscellaneous retail establishments	59	2,437.0	2,425.1	2,445.8	2,464.5	2,466.3	2,021.6	2,010.6	2,027.6	2,043.2	-
Drug stores and proprietary stores	591	590.3	590.3	586.5	586.4	-	493.7	493.5	488.8	488.6	-
Liquor stores	592	113.0	113.3	112.7	112.6	-	-	-	-	-	-
Used merchandise stores	593	85.2	85.6	90.2	90.9	-	70.7	70.5	75.0	75.8	-
Miscellaneous shopping goods stores	594	842.1	845.1	863.3	870.0	-	695.2	698.7	716.2	721.6	-
Sporting goods and bicycle shops	5941	156.1	159.4	176.8	177.8	-	-	-	-	-	-
Book stores	5942	100.9	95.6	103.7	104.0	-	-	-	-	-	-
Stationery stores	5943	70.5	69.8	72.9	72.3	-	-	-	-	-	-
Jewelry stores	5944	133.5	133.0	135.4	134.9	-	-	-	-	-	-
Gift, novelty, and souvenir shops	5947	193.5	199.5	183.7	192.4	-	-	-	-	-	-
Sewing, needlework, and piece goods	5949	62.0	61.0	57.6	55.8	-	-	-	-	-	-
Nonstore retailers	596	281.3	277.1	264.3	263.1	-	238.7	235.2	223.2	221.9	-
Catalog and mail-order houses	5961	159.5	156.6	144.4	142.0	-	-	-	-	-	-
Merchandising machine operators	5962	72.4	71.5	71.9	72.4	-	-	-	-	-	-
Fuel dealers	598	96.8	96.1	100.3	98.3	-	80.5	79.8	82.9	80.9	-
Retail stores, nec	599	428.3	417.6	428.5	443.2	-	351.4	340.9	350.5	363.3	-
Florists, tobacco stores, and newsstands	5992,3,4	148.8	136.1	143.9	154.0	-	-	-	-	-	-
Optical goods stores	5995	61.4	61.1	61.9	61.7	-	48.0	46.1	49.5	49.4	-
Miscellaneous retail stores, nec	5999	218.1	220.4	222.7	227.5	-	176.5	178.3	178.3	181.6	-
Finance, insurance, and real estate³	60-67	6,695	6,769	6,766	6,783	6,861	4,856	4,923	4,924	4,939	5,020
Finance	60-67	3,201	3,229	3,252	3,249	3,278	-	-	-	-	-
Depository institutions	60-66	2,078.7	2,093.8	2,035.7	2,034.4	2,053.5	1,501.1	1,516.4	1,467.8	1,465.6	-
Commercial banks	602	1,493.9	1,510.0	1,480.4	1,482.5	-	1,063.3	1,078.0	1,052.2	1,052.5	-
State commercial banks	6022	611.2	620.0	613.7	615.5	-	436.4	444.5	439.7	440.7	-
National and commercial banks, nec	6021,9	882.7	890.0	866.7	867.0	-	626.9	633.5	612.5	611.8	-
Savings institutions	603	318.3	316.3	282.3	279.0	-	-	-	-	-	-
Federal savings institutions	6035	169.7	169.0	150.8	149.3	-	-	-	-	-	-
Savings institutions, except federal	6036	148.6	147.3	131.5	129.7	-	-	-	-	-	-
Credit unions	606	143.2	144.1	146.3	146.6	-	113.5	114.6	116.2	116.3	-
Nondepository institutions	61-67	440.0	445.0	487.9	484.6	485.9	332.3	335.6	364.1	359.4	-
Personal credit institutions	614	128.4	127.3	131.2	131.5	-	95.9	94.7	95.3	95.4	-
Business credit institutions	615	80.8	81.4	79.7	79.3	-	-	-	-	-	-
Mortgage bankers and brokers	616	212.9	218.3	257.7	254.5	-	-	-	-	-	-
Security and commodity brokers	62	460.5	467.4	497.4	499.0	505.9	-	-	-	-	-
Security brokers and dealers	621	350.6	356.2	380.9	381.5	-	-	-	-	-	-
Commodity contracts brokers, dealers, and exchanges	622,3	23.0	23.2	25.1	25.6	-	-	-	-	-	-
Security and commodity services	628	86.9	88.0	91.4	91.9	-	55.9	56.8	60.1	60.5	-
Holding and other investment offices	67	221.4	223.1	230.7	231.4	233.0	-	-	-	-	-
Holding offices	671	103.4	104.1	103.5	103.3	-	-	-	-	-	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Finance, insurance, and real estate—Continued											
Insurance	63,64	2,177	2,188	2,187	2,185	2,193	-	-	-	-	-
Insurance carriers	63	1,514.8	1,522.6	1,525.7	1,523.0	1,527.6	1,037.9	1,046.6	1,075.2	1,074.3	-
Life insurance	631	562.8	564.9	551.0	548.6	-	350.0	352.8	359.5	358.2	-
Medical service and health insurance	632	276.6	278.9	285.4	285.5	-	226.1	227.9	231.6	231.5	-
Hospital and medical service plans	6324	215.7	217.9	223.9	224.1	-	180.8	182.3	185.9	185.9	-
Fire, marine, and casualty insurance	633	543.5	545.5	535.2	535.0	-	353.6	356.3	356.1	357.0	-
Title insurance	636	73.3	74.5	93.2	92.8	-	-	-	-	-	-
Insurance agents, brokers, and service	64	662.4	665.5	661.4	661.9	665.0	-	-	-	-	-
Real estate	65	1,317	1,352	1,327	1,349	1,390	-	-	-	-	-
Real estate operators and lessors	651	560.0	576.9	562.5	568.2	-	-	-	-	-	-
Real estate agents and managers	653	606.4	622.0	617.5	626.6	-	-	-	-	-	-
Subdividers and developers	655	117.7	119.2	110.5	118.5	-	-	-	-	-	-
Services		30,195	30,476	31,532	31,686	32,046	26,376	26,627	27,557	27,694	28,019
Agricultural services	07	555.4	574.0	544.6	597.6	618.1	466.3	483.6	455.5	505.0	-
Veterinary services	074	145.3	148.7	148.1	149.1	-	121.3	124.2	123.7	124.3	-
Landscape and horticultural services	078	366.4	380.7	353.0	403.7	-	309.6	323.0	296.2	344.1	-
Hotels and other lodging places	70	1,595.4	1,677.4	1,566.0	1,612.6	1,699.8	-	-	-	-	-
Hotels and motels	701	1,546.1	1,609.5	1,518.8	1,560.1	-	1,363.8	1,424.4	1,335.1	1,373.9	-
Personal services	72	1,113.1	1,108.7	1,190.5	1,107.8	1,098.7	-	-	-	-	-
Laundry, cleaning, and garment services	721	423.9	427.4	428.5	431.9	-	375.9	379.9	378.8	382.0	-
Photographic studios, portrait	722	70.9	72.2	75.1	76.8	-	-	-	-	-	-
Beauty shops	723	385.3	385.5	382.4	382.7	-	344.2	344.7	342.9	343.0	-
Funeral service and crematories	726	86.8	87.6	88.6	88.8	-	-	-	-	-	-
Miscellaneous personal services	729	126.2	116.5	197.7	109.3	-	107.0	97.4	177.2	92.2	-
Business services	73	5,705.2	5,781.9	6,255.3	6,338.3	6,460.6	5,056.5	5,126.4	5,566.4	5,644.1	-
Advertising	731	225.7	229.1	235.8	236.8	-	163.8	167.3	172.4	172.8	-
Advertising agencies	7311	152.1	153.7	158.5	158.7	-	-	-	-	-	-
Credit reporting and collection	732	116.9	115.5	116.1	115.4	-	-	-	-	-	-
Mailing, reproduction, and stenographic services	733	244.0	246.4	272.6	277.4	-	-	-	-	-	-
Photocopying and duplicating services	7334	56.1	56.5	61.8	62.4	-	45.9	46.2	50.2	51.0	-
Services to buildings	734	825.8	836.4	858.6	867.3	-	741.5	751.3	770.2	778.5	-
Disinfecting and pest control services	7342	77.7	79.1	79.7	81.5	-	61.2	62.4	62.9	64.1	-
Building maintenance services, nec	7349	748.1	757.3	778.9	785.8	-	680.3	688.9	707.3	714.4	-
Miscellaneous equipment rental and leasing	735	213.4	217.5	228.2	234.4	-	171.5	174.6	182.3	187.1	-
Medical equipment rental	7352	31.9	32.1	35.9	36.5	-	25.1	25.2	28.2	28.3	-
Heavy construction equipment rental	7353	38.2	39.0	40.0	41.7	-	32.2	32.9	33.6	35.2	-
Equipment rental and leasing, nec	7359	143.3	146.4	152.3	156.2	-	114.2	116.5	120.5	123.6	-
Personnel supply services	736	1,872.4	1,910.3	2,229.7	2,283.6	2,348.6	-	-	-	-	-
Employment agencies	7361	243.4	248.1	308.6	312.6	-	-	-	-	-	-
Help supply services	7363	1,629.0	1,662.2	1,921.1	1,971.0	-	1,579.0	1,611.2	1,867.0	1,914.8	-
Computer and data processing services	737	889.8	898.2	966.2	968.4	-	721.7	727.4	783.7	785.3	-
Computer programming services	7371	185.3	187.4	202.7	203.4	-	152.8	154.4	170.9	171.6	-
Prepackaged software	7372	142.1	144.0	151.3	151.2	-	-	-	-	-	-
Computer integrated systems design	7373	110.1	110.7	118.4	118.6	-	82.7	83.1	88.6	88.8	-
Data processing and preparation	7374	209.6	210.9	228.1	227.5	-	-	-	-	-	-
Information retrieval services	7375	48.3	49.0	54.9	55.2	-	39.0	39.4	42.2	42.2	-
Computer maintenance and repair	7378	41.9	41.8	42.8	42.2	-	35.4	34.9	35.4	34.9	-
Miscellaneous business services	738	1,317.2	1,328.5	1,348.1	1,355.0	-	1,154.8	1,165.7	1,180.6	1,187.9	-
Detective and armored car services	7381	483.4	483.5	496.2	502.8	-	451.0	450.8	464.0	469.7	-
Security systems services	7382	41.2	41.5	41.5	41.2	-	35.1	35.6	35.6	35.2	-
Photofinishing laboratories	7384	72.2	72.4	70.3	71.4	-	-	-	-	-	-
Auto repair, services, and parking	75	936.1	949.1	1,022.3	1,032.0	1,049.3	770.2	780.3	842.7	849.5	-
Automotive rentals, without drivers	751	169.2	172.6	187.0	189.9	-	135.9	138.7	152.1	154.3	-
Passenger car rental	7514	104.2	105.7	115.7	117.5	-	83.9	85.2	94.9	96.7	-
Automobile parking	752	60.0	61.0	61.4	61.5	-	53.2	54.2	54.7	54.8	-
Automotive repair shops	753	528.5	537.2	578.5	584.2	-	427.6	434.5	469.1	472.8	-
Automotive and tire repair shops	7532,4	182.0	185.4	199.9	202.7	-	149.3	151.2	165.4	166.8	-
General automotive repair shops	7538	222.4	225.7	244.5	245.3	-	180.9	184.0	197.9	198.5	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Services—Continued											
Auto repair, services, and parking—Continued											
Automotive services, except repair	754	178.4	178.3	195.4	196.4	-	153.5	152.9	166.8	167.6	-
Carwashes	7542	105.2	103.6	114.7	114.4	-	92.9	90.9	101.2	100.6	-
Miscellaneous repair services	76	359.6	364.4	375.2	378.1	381.8	291.8	296.1	303.0	305.9	-
Electrical repair shops	762	108.8	110.4	114.5	115.9	-	-	-	-	-	-
Motion pictures	78	406.0	414.7	460.8	464.5	481.7	334.4	343.0	383.0	384.7	-
Motion picture production and services	781	148.0	145.8	190.9	192.5	-	116.8	115.6	156.3	156.6	-
Motion picture theaters	783	110.7	120.3	111.4	114.1	-	-	-	-	-	-
Video tape rental	784	132.0	133.1	142.7	142.1	-	108.6	109.0	117.5	117.1	-
Amusement and recreation services	79	1,292.9	1,408.7	1,264.6	1,323.5	1,463.0	1,135.1	1,249.0	1,100.6	1,163.9	-
Bowling centers	793	83.2	75.2	90.8	82.3	-	73.9	66.1	80.9	73.1	-
Misc. amusement and recreation services	799	925.6	1,044.2	887.6	943.4	-	817.6	934.3	776.1	835.3	-
Physical fitness facilities	7991	126.0	126.3	131.6	129.9	-	112.4	112.7	118.2	116.7	-
Membership sports and recreation clubs	7997	304.8	355.5	280.9	316.1	-	267.8	316.0	243.6	278.0	-
Health services	80	8,723.4	8,781.3	8,966.6	8,987.6	9,045.4	7,745.0	7,798.9	7,943.7	7,961.4	-
Offices and clinics of medical doctors	801	1,504.2	1,514.9	1,545.6	1,552.4	-	1,230.5	1,240.8	1,263.2	1,268.9	-
Offices and clinics of dentists	802	556.0	560.1	584.1	585.4	-	486.3	489.9	510.8	512.5	-
Offices and clinics of other health practitioners	804	350.9	354.7	382.2	386.2	-	288.4	292.3	315.3	318.8	-
Offices and clinics of chiropractors and optometrists	8041,2	154.4	154.7	165.4	166.3	-	-	-	-	-	-
Nursing and personal care facilities	805	1,569.2	1,579.0	1,618.0	1,620.8	-	1,417.3	1,425.7	1,457.8	1,459.6	-
Skilled nursing care facilities	8051	1,122.9	1,129.3	1,158.8	1,161.2	-	-	-	-	-	-
Intermediate care facilities	8052	220.4	223.4	227.2	228.0	-	198.6	201.4	203.8	204.6	-
Nursing and personal care, nec	8059	225.9	226.3	232.0	231.6	-	-	-	-	-	-
Hospitals	806	3,780.4	3,801.8	3,786.3	3,781.1	3,798.4	3,467.6	3,488.1	3,462.8	3,458.0	-
General medical and surgical hospitals	8062	3,477.8	3,498.8	3,487.5	3,481.9	-	-	-	-	-	-
Psychiatric hospitals	8063	98.5	97.8	94.7	94.6	-	-	-	-	-	-
Specialty hospitals, excluding psychiatric	8069	204.1	205.2	204.1	204.6	-	-	-	-	-	-
Medical and dental laboratories	807	188.2	190.0	199.7	200.6	-	-	-	-	-	-
Home health care services	808	455.4	460.9	519.9	528.3	-	422.2	427.4	482.5	489.5	-
Legal services	81	920.7	944.7	935.6	935.8	955.5	741.7	763.5	750.4	749.5	-
Educational services	82	1,707.5	1,526.6	1,841.7	1,777.4	1,600.4	-	-	-	-	-
Elementary and secondary schools	821	497.8	479.7	509.2	513.3	-	-	-	-	-	-
Colleges and universities	822	1,003.7	841.6	1,122.2	1,052.5	-	-	-	-	-	-
Vocational schools	824	75.1	74.1	77.6	77.1	-	-	-	-	-	-
Social services	83	2,078.5	2,075.4	2,217.9	2,241.2	2,234.1	1,799.3	1,794.4	1,920.2	1,939.8	-
Individual and family services	832	558.8	562.8	583.8	584.5	-	484.7	488.1	506.5	507.4	-
Job training and related services	833	276.7	287.9	286.3	289.9	-	232.6	243.3	241.1	244.1	-
Child day care services	835	491.0	464.8	544.1	555.6	-	435.7	410.5	481.4	491.3	-
Residential care	836	564.1	574.0	603.9	610.1	-	493.2	502.5	526.4	531.9	-
Social services, nec	839	187.9	185.9	199.8	201.1	-	153.1	150.0	164.8	165.1	-
Museums and botanical and zoological gardens	84	77.7	81.4	77.2	82.1	84.9	-	-	-	-	-
Membership organizations	86	2,026.3	2,067.1	2,036.8	2,046.1	2,091.8	-	-	-	-	-
Business associations	861	104.1	105.4	104.6	105.9	-	-	-	-	-	-
Professional organizations	862	53.0	53.5	54.2	54.8	-	37.8	38.2	38.6	38.9	-
Labor organizations	863	141.7	141.8	137.6	136.7	-	-	-	-	-	-
Civic and social associations	864	429.7	465.7	439.5	444.9	-	-	-	-	-	-
Engineering and management services	87	2,522.3	2,544.8	2,603.4	2,587.5	2,607.3	1,928.3	1,950.2	2,000.3	1,986.3	-
Engineering and architectural services	871	758.8	770.2	771.4	776.6	-	621.6	633.6	634.1	639.0	-
Engineering services	8711	597.2	605.2	603.0	606.0	-	493.4	501.9	500.4	503.7	-
Architectural services	8712	112.9	114.6	116.7	117.8	-	88.1	89.7	90.7	91.3	-
Surveying services	8713	46.7	50.4	51.7	52.8	-	40.1	42.0	43.0	44.0	-
Accounting, auditing, and bookkeeping	872	503.1	500.6	545.3	519.5	-	366.8	365.4	402.7	379.2	-

See footnotes at end of table.

**ESTABLISHMENT DATA
EMPLOYMENT
NOT SEASONALLY ADJUSTED**

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

(In thousands)

Industry	1987 SIC Code	All employees					Production workers ¹				
		May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p	May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p
Services—Continued											
Engineering and management services—Continued											
Research and testing services	873	569.9	579.1	575.8	576.1	-	428.4	436.4	438.4	439.7	-
Commercial physical research	8731	240.0	242.9	238.1	237.7	-	168.3	171.2	173.1	173.2	-
Commercial nonphysical research	8732	105.6	106.9	112.9	112.4	-	84.2	85.0	89.7	89.5	-
Noncommercial research organizations	8733	143.1	147.0	144.4	145.2	-	110.9	114.2	111.7	112.5	-
Management and public relations	874	690.5	694.9	710.9	715.3	-	511.5	514.8	525.1	528.4	-
Management services	8741	260.0	262.9	263.7	264.7	-	186.9	189.5	187.2	188.1	-
Management consulting services	8742	226.5	226.1	231.8	235.1	-	162.5	162.0	171.7	174.5	-
Public relations services	8743	32.1	32.5	33.4	33.2	-	23.3	23.5	23.5	23.2	-
Services, nec	89	41.0	41.4	40.0	40.0	40.1	32.2	32.6	31.8	31.8	-
Government		19,171	18,873	19,343	19,404	19,099	-	-	-	-	-
Federal Government⁴		2,918	2,933	2,876	2,873	2,884	-	-	-	-	-
Executive, by agency ⁴		2,851.8	2,865.8	2,812.0	-	-	-	-	-	-	-
Department of Defense		873.6	876.6	829.7	-	-	-	-	-	-	-
Postal Service ⁵		775.8	779.9	804.1	-	-	-	-	-	-	-
Other executive agencies		1,202.4	1,209.3	1,178.2	-	-	-	-	-	-	-
Legislative		38.7	39.8	36.6	-	-	-	-	-	-	-
Judicial		27.8	27.8	27.6	-	-	-	-	-	-	-
Federal Government, by industry:											
Manufacturing activities		89.0	87.9	79.3	78.3	-	-	-	-	-	-
Ship building and repairing	3731	50.9	50.3	44.6	43.9	-	-	-	-	-	-
Transportation and public utilities, except Postal Service		31.3	31.3	29.6	29.3	-	-	-	-	-	-
Services		387.8	393.5	382.3	384.1	-	-	-	-	-	-
Hospitals	806	231.6	233.2	230.1	229.9	-	-	-	-	-	-
State government		4,541	4,339	4,654	4,600	4,400	-	-	-	-	-
Hospitals	806	413.4	415.1	409.1	408.0	-	-	-	-	-	-
Education	82	1,887.9	1,649.3	1,983.2	1,917.1	1,678.7	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		1,749.2	1,775.4	1,775.4	1,786.4	-	-	-	-	-	-
State government, except education		2,652.6	2,689.8	2,870.9	2,682.5	2,720.8	-	-	-	-	-
Local government		11,712	11,601	11,813	11,931	11,815	-	-	-	-	-
Transportation and public utilities		452.9	456.1	453.9	453.8	-	-	-	-	-	-
Hospitals	806	673.3	679.1	686.4	686.0	-	-	-	-	-	-
Education	82	6,684.2	6,389.9	6,771.1	6,810.3	6,497.9	-	-	-	-	-
General administration, including executive, legislative, and judicial functions		3,519.9	3,665.3	3,529.6	3,596.5	-	-	-	-	-	-
Local government, except education		5,027.5	5,211.1	5,041.6	5,120.2	5,316.9	-	-	-	-	-

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.

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	Mar. 1993	Apr. 1993	Feb. 1994	Mar. 1994	Apr. 1994
Total	53,002	53,311	53,817	54,188	54,564
Total private	42,568	42,883	43,308	43,601	43,967
Goods-producing	6,499	6,500	6,410	6,433	6,459
Mining	88	88	85	86	86
Construction	502	509	511	518	531
Manufacturing	5,909	5,903	5,814	5,829	5,842
Durable goods	2,712	2,707	2,673	2,684	2,692
Lumber and wood products	113	113	116	116	118
Furniture and fixtures	146	146	149	150	150
Stone, clay, and glass products	102	102	101	102	102
Primary metal industries	91	92	93	93	93
Fabricated metal products	294	293	294	296	297
Industrial machinery and equipment	423	421	414	417	419
Electronic and other electrical equipment	643	642	842	644	647
Transportation equipment	359	358	347	347	347
Instruments and related products	372	371	354	354	352
Miscellaneous manufacturing	171	171	164	166	168
Nondurable goods	3,197	3,196	3,141	3,145	3,150
Food and kindred products	516	518	517	516	516
Tobacco products	13	13	13	12	12
Textile mill products	321	323	316	317	318
Apparel and other textile products	775	772	730	731	732
Paper and allied products	168	167	164	163	163
Printing and publishing	671	672	672	677	679
Chemicals and allied products	337	336	331	330	330
Petroleum and coal products	24	24	24	24	24
Rubber and misc. plastics products	307	307	310	312	314
Leather and leather products	65	65	64	64	64
Service-producing	46,503	46,811	47,407	47,755	48,105
Transportation and public utilities	1,689	1,689	1,692	1,697	1,694
Wholesale trade	1,804	1,806	1,821	1,828	1,835
Retail trade	10,098	10,244	10,238	10,280	10,442
Finance, insurance, and real estate	4,217	4,225	4,262	4,275	4,284
Services	18,261	18,419	18,885	19,088	19,253
Government	10,434	10,428	10,509	10,587	10,597
Federal	1,213	1,210	1,200	1,198	1,198
State	2,298	2,300	2,313	2,333	2,339
Local	6,923	6,918	6,996	7,056	7,060

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Alabama	1,717.0	1,735.0	1,737.6	10.7	9.9	10.0	78.0	79.0	79.5
Birmingham	418.9	424.2	424.8	2.9	2.8	2.9	20.3	21.4	21.7
Huntsville	164.0	161.4	161.3	(¹)	(¹)	(¹)	5.9	5.7	5.8
Mobile	195.3	201.8	201.9	(¹)	(¹)	(¹)	13.5	14.0	13.9
Montgomery	143.0	144.8	145.3	(¹)	(¹)	(¹)	6.6	8.7	8.8
Tuscaloosa	68.8	70.6	70.6	2.8	2.4	2.4	3.7	3.9	4.1
Alaska	253.1	251.3	258.4	10.0	9.6	9.6	11.3	10.9	12.9
Anchorage	117.8	117.0	120.3	3.4	3.1	3.1	6.0	5.2	6.4
Arizona	1,573.9	1,633.6	1,635.4	12.4	11.9	12.0	86.7	101.3	102.2
Phoenix-Mesa	1,056.5	1,095.9	1,096.6	4.5	4.3	4.3	58.7	69.4	69.7
Tucson	273.4	285.8	286.2	2.2	2.0	2.1	15.2	17.9	18.1
Arkansas	994.1	1,008.5	1,017.0	3.5	3.4	3.5	37.2	37.8	39.2
Fayetteville-Springdale-Rogers	115.2	120.4	121.0	(¹)	(¹)	(¹)	4.2	4.8	4.7
Fort Smith	87.3	87.5	88.1	.8	.9	.9	2.9	3.2	3.2
Little Rock-North Little Rock	270.5	274.6	277.8	(¹)	(¹)	(¹)	11.5	11.9	12.4
Pine Bluff	34.8	34.8	34.9	(¹)	(¹)	(¹)	1.1	.9	.9
California	12,033.0	11,938.9	11,972.1	34.5	32.2	32.2	446.7	443.4	451.5
Bakersfield	170.9	171.5	172.1	11.2	10.4	10.3	8.7	8.2	8.3
Fresno	254.1	254.8	255.8	.6	.6	.8	12.5	13.0	13.2
Los Angeles-Long Beach	3,715.3	3,682.4	3,681.2	7.4	6.9	6.9	99.3	99.9	99.2
Modesto	119.8	121.0	121.8	(²)	(²)	(²)	6.9	7.2	7.2
Oakland	873.3	860.4	861.7	3.2	3.1	3.1	40.1	39.5	39.7
Orange County	1,122.9	1,113.7	1,117.9	.9	.9	.9	45.0	42.7	44.5
Riverside-San Bernardino	735.7	741.2	745.1	1.3	1.3	1.3	39.0	37.5	38.7
Sacramento	552.1	558.7	558.9	.5	.4	.5	24.7	26.7	27.3
Salinas	108.3	105.8	106.4	.3	.3	.3	3.6	3.3	3.2
San Diego	945.9	931.2	931.4	.5	.5	.5	40.1	39.2	39.3
San Francisco	906.2	902.4	902.8	.6	.6	.6	26.0	25.8	25.8
San Jose	792.4	782.2	784.0	.2	.2	.2	25.8	25.9	26.4
Santa Barbara-Santa Maria-Lompoc	143.9	142.4	142.5	1.0	.9	1.0	5.1	4.9	4.8
Santa Rosa	143.4	145.8	146.1	.6	.6	.6	7.4	7.8	8.0
Stockton-Lodi	155.3	153.7	154.5	.1	.1	.1	6.2	5.9	6.1
Vallejo-Fairfield-Napa	141.3	139.1	140.2	.5	.4	.5	8.3	8.7	8.7
Ventura	227.7	225.3	226.7	2.2	2.1	2.1	9.2	9.1	9.3
Colorado	1,651.0	1,703.7	1,702.0	15.8	15.0	15.1	84.4	81.2	83.9
Boulder-Longmont	134.4	136.9	138.4	(¹)	(¹)	(¹)	5.0	5.1	5.3
Denver	904.4	917.3	922.8	8.4	8.0	8.0	46.2	42.2	42.7
Connecticut	1,535.3	1,525.3	1,539.7	.9	.9	.9	47.0	44.2	46.8
Bridgeport	176.1	172.3	173.7	(²)	(²)	(²)	4.9	4.5	4.9
Danbury	81.8	82.7	83.5	(¹)	(¹)	(¹)	2.7	2.7	3.0
Hartford	584.2	583.9	587.7	(¹)	(¹)	(¹)	18.9	19.8	21.0
New Haven-Meriden	238.8	235.7	233.7	(¹)	(¹)	(¹)	7.5	8.1	8.3
Stamford-Norwalk	183.0	183.0	184.1	(¹)	(¹)	(¹)	4.8	4.6	4.8
Waterbury	80.3	79.8	79.8	(²)	(²)	(²)	2.6	2.5	2.7
Delaware	350.8	352.9	357.6	.1	.1	.1	19.5	17.6	18.7
Wilmington-Newark	271.2	273.4	275.3	.2	.2	.2	14.8	13.4	14.2
District of Columbia	671.0	662.5	662.5	.1	.1	.1	8.4	8.4	8.6
Washington PMSA	2,330.2	2,319.4	2,335.6	.8	.9	.8	102.8	103.3	105.4
Florida	5,574.0	5,770.6	5,765.1	6.5	6.1	6.2	283.4	297.1	299.8
Daytona Beach	136.2	141.9	140.6	(²)	(²)	(²)	7.2	7.3	7.3
Fort Lauderdale	540.7	562.7	562.7	.2	.2	.2	30.7	31.8	31.9
Fort Myers-Cape Coral	130.5	138.1	137.4	(²)	(²)	(²)	10.9	11.6	11.9
Gainesville	99.7	103.7	103.1	(²)	(²)	(²)	3.6	3.4	3.4
Jacksonville	441.6	448.0	450.9	(²)	(²)	(²)	23.2	24.7	24.9
Lakeland-Winter Haven	151.8	156.2	156.4	3.0	2.6	2.6	7.0	7.4	7.2
Melbourne-Titusville-Palm Bay	167.2	170.0	169.9	(²)	(²)	(²)	8.1	8.3	8.3
Miami	892.5	927.3	925.6	.4	.4	.4	37.4	40.2	40.4
Orlando	653.6	876.5	877.9	(²)	(²)	(²)	32.9	35.8	35.8
Pensacola	135.8	138.6	138.3	(²)	(²)	(²)	8.3	9.5	9.6
Sarasota-Bradenton	208.3	216.0	214.2	(²)	(²)	(²)	9.3	9.5	9.6
Tallahassee	131.7	136.5	135.8	(²)	(²)	(²)	5.0	5.1	5.0
Tampa-St. Petersburg-Clearwater	894.0	926.1	926.3	.4	.5	.5	40.4	40.8	41.5
West Palm Beach-Boca Raton	367.4	379.0	376.5	(²)	(²)	(²)	20.3	20.6	21.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1993	Apr. 1994	May 1994P	May 1993	Apr. 1994	May 1994P	May 1993	Apr. 1994	May 1994P
Alabama	384.3	382.2	383.4	84.6	84.8	84.9	375.2	382.1	383.9
Birmingham	51.4	52.0	52.2	29.7	29.3	29.3	101.2	103.2	103.3
Huntsville	38.4	37.2	37.3	3.2	3.2	3.3	30.2	30.9	31.0
Mobile	26.0	27.9	27.9	11.2	10.9	11.0	50.1	51.8	52.4
Montgomery	17.5	17.6	18.0	5.9	6.0	6.0	32.1	32.8	32.8
Tuscaloosa	10.5	10.8	10.8	2.2	2.2	2.2	14.7	14.9	15.1
Alaska	15.6	15.6	15.0	23.7	22.0	23.8	48.4	49.5	51.6
Anchorage	1.6	1.7	1.8	12.4	11.9	12.4	25.9	26.9	27.6
Arizona	173.7	176.9	177.7	77.8	77.9	76.7	383.9	398.1	397.4
Phoenix-Mesa	133.5	134.6	135.0	54.8	55.0	55.6	255.5	267.8	267.4
Tucson	24.2	26.2	26.6	11.3	11.2	11.2	64.1	65.3	65.1
Arkansas	243.4	248.2	249.4	56.6	55.5	56.6	220.2	222.9	225.1
Fayetteville-Springdale-Rogers	31.9	33.5	33.4	7.8	8.1	6.2	30.0	31.3	31.8
Fort Smith	26.5	26.7	27.1	5.0	5.3	5.3	17.4	17.6	17.6
Little Rock-North Little Rock	33.3	33.6	33.7	17.3	16.8	17.5	62.9	64.5	65.3
Pine Bluff	7.2	7.4	7.5	2.0	1.9	1.9	7.3	7.2	7.3
California	1,805.6	1,750.1	1,749.0	600.8	587.8	593.6	2,773.7	2,739.2	2,747.7
Bakersfield	10.2	10.0	10.1	8.7	8.1	8.3	40.5	40.5	40.7
Fresno	29.0	29.3	29.2	12.6	12.5	12.7	82.8	61.4	61.9
Los Angeles-Long Beach	666.8	645.5	643.3	197.8	194.7	195.2	616.9	799.6	600.8
Modesto	22.0	21.8	22.1	5.6	5.6	5.6	30.7	31.0	31.3
Oakland	103.7	99.7	99.8	55.7	53.5	53.9	202.4	201.2	201.0
Orange County	209.7	205.3	205.5	37.0	37.6	38.5	275.7	270.0	270.4
Riverside-San Bernardino	86.5	85.2	85.2	36.8	35.9	37.2	193.8	194.3	194.9
Sacramento	35.6	36.5	36.8	24.2	23.9	24.2	124.3	124.3	125.3
Salinas	9.1	8.9	9.8	5.2	5.1	5.1	28.2	27.8	28.0
San Diego	116.9	110.0	109.8	35.2	35.4	35.7	221.9	215.1	214.8
San Francisco	75.0	74.2	74.2	76.0	73.8	74.2	188.8	186.7	188.9
San Jose	230.8	224.3	224.0	23.1	22.2	22.5	155.7	152.9	153.2
Santa Barbara-Santa Maria-Lompoc	18.7	17.7	17.7	4.7	4.5	4.5	33.8	34.7	34.7
Santa Rosa	19.8	20.2	20.3	5.8	5.8	5.8	36.0	36.1	36.2
Stockton-Lodi	21.8	21.4	21.7	9.7	9.4	9.8	37.8	37.7	37.9
Vallejo-Fairfield-Napa	13.9	13.7	13.8	5.5	5.7	5.9	35.5	34.5	34.7
Ventura	31.0	29.5	30.1	10.2	10.3	10.5	53.9	53.1	53.4
Colorado	187.2	188.8	189.8	102.7	102.7	103.3	395.4	416.4	417.7
Boulder-Longmont	29.4	29.8	30.1	3.4	3.5	3.5	28.1	28.6	29.3
Denver	90.1	89.0	89.2	72.8	72.3	73.0	218.7	225.9	228.3
Connecticut	294.3	284.3	284.9	69.4	68.6	69.2	329.8	321.3	325.6
Bridgeport	44.1	42.2	42.5	7.3	8.8	7.0	38.6	36.9	37.2
Danbury	21.0	20.8	20.7	2.7	2.7	2.7	20.4	20.3	20.6
Hartford	99.0	94.5	95.0	24.3	24.7	24.7	119.8	119.4	120.7
New Haven-Meriden	41.8	41.0	40.7	16.2	15.7	15.7	49.7	47.5	47.9
Stamford-Norwalk	30.2	28.8	28.7	8.3	8.6	8.7	42.3	41.7	41.7
Waterbury	17.4	17.6	17.5	3.3	3.4	3.4	16.1	15.7	15.8
Delaware	85.3	83.1	83.3	15.1	15.1	15.2	76.1	76.0	78.5
Wilmington-Newark	50.4	48.6	48.5	13.2	13.3	13.3	54.8	54.6	55.7
District of Columbia	13.9	14.1	14.1	21.6	20.9	20.8	53.1	51.6	51.9
Washington PMSA	92.0	94.4	95.5	104.1	104.0	103.5	439.6	428.2	437.3
Florida	485.7	482.1	482.4	286.5	286.4	288.0	1,451.4	1,492.9	1,490.1
Daytona Beach	12.9	13.2	13.2	3.9	3.7	3.7	38.9	40.1	39.8
Fort Lauderdale	39.9	40.4	40.6	25.8	26.6	26.7	154.6	160.3	159.8
Fort Myers-Cape Coral	5.6	5.5	5.4	5.8	5.9	5.9	35.9	39.2	38.6
Gainesville	5.2	5.2	5.2	1.9	1.9	1.9	20.0	20.7	20.7
Jacksonville	34.9	33.9	34.1	32.3	32.2	33.0	114.0	115.0	115.6
Lakeland-Winter Haven	19.9	20.1	20.1	7.9	7.9	7.9	42.4	43.5	43.8
Melbourne-Titusville-Palm Bay	28.7	28.3	28.4	4.8	4.6	4.7	37.3	38.6	38.7
Miami	82.7	82.8	82.3	72.2	73.9	74.1	234.1	239.8	238.8
Orlando	52.1	52.2	52.1	37.2	37.0	37.5	161.1	165.1	165.6
Pensacola	11.2	11.2	11.2	8.0	5.8	5.8	32.8	34.1	34.4
Sarasota-Bradenton	17.6	18.5	18.8	5.3	5.2	5.2	50.0	51.8	50.8
Tallahassee	4.5	4.5	4.8	3.1	3.2	3.2	28.2	29.9	29.7
Tampa-St. Petersburg-Clearwater	86.6	87.7	87.4	41.7	42.7	42.6	229.7	233.4	232.6
West Palm Beach-Boca Raton	30.8	29.7	29.5	14.2	14.0	14.1	99.0	102.6	101.6

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Alabama	75.1	76.9	76.7	363.2	371.6	366.3	345.9	348.5	349.9
Birmingham	29.9	31.1	31.1	114.0	118.7	116.5	67.5	67.7	67.8
Huntsville	4.5	4.5	4.5	42.3	40.3	39.9	39.5	39.6	39.5
Mobile	8.2	8.5	8.4	51.3	54.9	54.3	33.0	33.8	34.0
Montgomery	8.2	8.4	8.4	35.3	36.0	35.9	37.4	37.3	37.4
Tuscaloosa	2.2	2.3	2.3	10.9	11.2	11.0	22.0	22.9	22.7
Alaska	11.0	11.3	11.4	57.7	56.3	56.8	75.4	75.9	75.3
Anchorage	6.6	7.0	7.0	31.6	31.4	32.2	29.7	29.8	29.6
Arizona	99.1	101.4	101.6	447.7	468.4	466.9	292.6	297.7	298.9
Phoenix-Mesa	79.6	61.0	61.2	307.6	322.5	321.2	162.1	161.3	162.2
Tucson	12.1	12.5	12.4	62.6	84.0	83.2	61.7	66.7	67.5
Arkansas	40.0	41.1	41.3	220.1	226.0	228.1	173.1	173.6	173.8
Fayetteville-Springdale-Rogers	4.0	4.3	4.3	21.3	21.9	22.1	16.0	16.7	16.5
Fort Smith	2.8	2.8	2.9	22.5	21.6	21.6	9.4	9.4	9.5
Little Rock-North Little Rock	16.2	16.6	16.6	75.3	76.0	76.7	54.0	55.2	55.6
Pine Bluff	1.4	1.3	1.3	7.7	8.0	6.0	6.1	8.1	8.0
California	788.9	777.4	775.1	3,466.2	3,490.5	3,498.6	2,116.6	2,118.3	2,124.2
Bakersfield	5.9	5.9	5.9	39.6	40.7	40.9	46.1	47.7	47.6
Fresno	14.0	14.1	14.0	62.2	61.6	61.9	60.6	62.1	62.3
Los Angeles-Long Beach	250.2	243.0	242.1	1,136.7	1,156.3	1,156.6	538.4	536.5	536.9
Modesto	4.8	4.8	4.7	27.9	28.1	28.1	21.9	22.5	22.6
Oakland	58.5	58.5	58.0	236.7	235.4	236.8	173.0	169.5	169.6
Orange County	92.9	90.2	90.3	331.2	335.0	336.3	130.5	132.0	131.5
Riverside-San Bernardino	32.0	31.6	31.5	188.6	195.6	195.1	157.7	158.8	161.2
Sacramento	40.4	41.2	41.1	140.6	143.3	141.2	161.6	162.4	162.7
Salinas	6.5	6.4	6.4	27.8	27.8	27.6	27.6	28.2	26.2
San Diego	61.6	59.2	59.0	267.3	267.9	268.7	182.4	183.9	183.8
San Francisco	100.7	100.8	100.7	306.7	310.6	310.6	132.4	129.7	129.8
San Jose	31.0	31.0	30.8	236.6	236.6	237.9	89.0	88.9	89.0
Santa Barbara-Santa Maria-Lompoc	7.4	7.2	7.1	43.0	42.6	42.6	30.2	29.9	30.1
Santa Rosa	9.9	9.9	9.9	38.4	39.5	39.4	25.5	25.9	25.9
Stockton-Lodi	8.7	6.5	6.5	35.8	35.7	35.7	35.2	35.0	34.9
Vallejo-Fairfield-Napa	5.4	5.3	5.3	36.4	36.6	37.2	35.8	34.2	34.1
Ventura	12.3	12.3	12.2	64.6	65.1	65.2	44.3	43.8	43.9
Colorado	104.3	109.3	108.5	457.1	483.7	476.5	304.1	306.6	307.4
Boulder-Longmont	4.9	5.2	5.1	37.6	38.6	38.7	25.8	25.9	26.4
Denver	70.1	72.7	72.6	256.0	264.5	266.4	142.1	142.7	142.6
Connecticut	139.2	137.5	137.3	443.7	454.4	458.5	211.0	214.1	215.5
Bridgeport	10.6	10.9	10.9	51.5	52.0	52.2	19.1	19.0	19.0
Danbury	3.8	3.9	3.9	21.0	21.5	22.0	10.2	10.8	10.6
Hartford	79.6	77.5	76.9	153.6	159.9	161.2	86.6	86.1	86.2
New Haven-Meriden	14.7	14.5	14.5	77.2	78.7	74.8	31.7	32.2	31.8
Stamford-Norwalk	19.7	19.9	20.1	60.9	62.2	62.7	16.8	17.2	17.4
Waterbury	4.3	4.2	4.2	24.2	23.3	23.2	12.4	12.9	13.0
Delaware	34.4	36.5	36.7	89.6	93.9	93.9	50.5	50.6	51.2
Wilmington-Newark	29.9	31.6	31.6	72.0	75.3	75.1	35.9	36.4	36.7
District of Columbia	32.0	29.4	29.7	254.3	257.4	256.7	287.6	280.6	280.6
Washington PMSA	132.6	131.0	131.2	613.0	627.6	630.0	645.3	629.8	631.9
Florida	354.9	364.6	365.6	1,814.0	1,919.8	1,915.3	891.6	921.6	917.7
Daytona Beach	6.1	6.2	6.2	42.6	45.6	45.0	24.6	25.8	25.4
Fort Lauderdale	39.9	40.6	40.9	173.4	183.5	183.5	76.2	79.1	79.3
Fort Myers-Cape Coral	8.1	6.4	6.3	42.6	45.2	45.1	21.5	22.2	22.1
Gainesville	4.4	4.4	4.4	26.1	29.6	29.7	36.5	36.5	37.8
Jacksonville	44.2	44.2	44.2	129.2	132.4	133.1	63.4	65.2	65.6
Lakeland-Winter Haven	7.4	7.5	7.5	39.9	42.1	42.0	24.3	25.1	25.3
Melbourne-Titusville-Palm Bay	5.2	5.7	5.7	57.8	58.9	58.6	25.2	25.5	25.4
Miami	62.5	64.1	63.7	274.7	290.2	290.0	128.5	136.1	135.9
Orlando	38.2	39.4	39.5	253.3	264.4	265.6	76.4	82.4	81.2
Pensacola	5.3	5.1	5.1	42.4	44.1	44.0	29.5	28.5	27.9
Sarasota-Bradenton	10.3	10.6	10.8	91.6	95.4	94.5	24.1	24.9	24.8
Tallahassee	5.2	5.2	5.2	31.6	32.0	31.8	53.9	56.4	55.9
Tampa-St. Petersburg-Clearwater	62.3	65.9	66.0	309.0	326.3	329.2	123.9	126.6	126.5
West Palm Beach-Boca Raton	25.5	25.1	25.1	130.3	137.8	138.1	47.3	49.2	49.0

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Georgia	3,087.8	3,213.5	3,236.2	7.5	7.6	7.5	125.6	135.5	137.2
Albany	51.6	53.0	52.9	(¹)	(¹)	(¹)	2.5	2.5	2.6
Athens	61.0	62.2	62.7	(¹)	(¹)	(¹)	1.9	1.9	1.9
Atlanta	1,625.8	1,699.9	1,712.7	1.5	1.4	1.4	67.8	77.4	78.1
Augusta-Aiken	167.8	190.9	191.3	.5	.5	.4	11.0	10.9	10.9
Columbus	100.4	101.7	102.6	(¹)	(¹)	(¹)	4.0	4.1	4.1
Macon	131.3	135.6	136.0	1.2	1.1	1.1	4.2	4.4	4.5
Savannah	116.4	120.6	120.5	(¹)	(¹)	(¹)	5.8	5.5	5.5
Hawaii	544.1	535.2	532.7	(¹)	(¹)	(¹)	32.6	29.7	29.3
Honolulu	419.4	411.7	409.6	(¹)	(¹)	(¹)	24.1	22.4	22.1
Idaho	434.2	454.6	458.2	2.2	2.2	2.3	24.4	26.3	27.2
Boise City	158.6	166.1	167.5	(¹)	(¹)	(¹)	10.1	11.2	11.7
Illinois	5,326.6	5,362.1	5,410.4	16.4	15.6	15.8	202.9	191.3	204.1
Bloomington-Normal	67.7	71.6	69.5	(¹)	(¹)	(¹)	2.2	2.1	2.3
Champaign-Urbana	91.3	92.3	91.8	(¹)	(¹)	(¹)	2.8	2.4	2.7
Chicago	3,700.5	3,728.9	3,769.9	2.1	2.1	2.2	137.8	134.2	141.8
Davenport-Moline-Rock Island	167.8	166.3	170.8	(¹)	(¹)	(¹)	6.0	7.5	8.0
Decatur	55.0	54.1	54.8	(¹)	(¹)	(¹)	3.2	2.6	2.8
Kankakee	38.9	38.9	39.3	(¹)	(¹)	(¹)	1.9	1.8	2.0
Peoria-Pekin	152.5	153.1	155.2	(¹)	(¹)	(¹)	7.6	6.5	7.5
Rockford	156.2	156.7	158.6	(¹)	(¹)	(¹)	6.0	5.4	5.9
Springfield	106.2	107.2	108.3	(¹)	(¹)	(¹)	4.5	4.0	4.3
Indiana	2,591.1	2,627.6	2,650.5	6.9	6.0	6.1	118.6	116.4	124.7
Bloomington	56.4	61.3	61.0	(¹)	(¹)	(¹)	2.6	2.6	2.6
Elkhart-Goshen	107.8	109.0	111.1	(¹)	(¹)	(¹)	3.6	3.6	3.8
Evansville-Henderson	141.9	140.5	142.6	1.6	1.4	1.4	6.9	8.0	8.5
Fort Wayne	244.8	246.5	249.3	(¹)	(¹)	(¹)	11.8	10.3	11.3
Gary	246.5	243.3	246.4	(¹)	(¹)	(¹)	14.7	14.0	14.8
Indianapolis	729.3	740.0	747.4	.8	.4	.4	36.3	35.2	38.1
Kokomo	49.4	49.4	50.4	(¹)	(¹)	(¹)	1.3	1.1	1.4
Lafayette	81.6	85.9	83.3	(¹)	(¹)	(¹)	3.0	2.9	3.0
Muncie	58.3	58.6	60.2	(¹)	(¹)	(¹)	2.3	1.8	2.1
South Bend	122.2	122.6	124.9	(¹)	(¹)	(¹)	6.3	6.3	6.5
Terre Haute	64.9	64.6	64.2	.4	.4	.4	3.4	2.9	3.3
Iowa	1,290.4	1,305.6	1,321.1	2.2	2.3	2.3	49.6	46.0	52.3
Cedar Rapids	99.2	102.6	103.1	(¹)	(¹)	(¹)	4.9	5.4	5.5
Des Moines	245.5	250.1	252.0	(¹)	(¹)	(¹)	9.8	10.2	10.9
Dubuque	46.3	49.1	49.2	(¹)	(¹)	(¹)	1.8	1.5	1.5
Iowa City	60.4	62.5	63.0	(¹)	(¹)	(¹)	1.9	2.0	2.1
Sioux City	60.2	60.6	60.6	(¹)	(¹)	(¹)	2.6	2.3	2.5
Waterloo-Cedar Falls	66.0	66.4	66.9	(¹)	(¹)	(¹)	2.4	2.2	2.4
Kansas	1,140.6	1,157.8	1,164.2	9.0	8.5	8.5	46.2	48.2	50.6
Lawrence	41.2	40.4	40.6	(¹)	(¹)	(¹)	1.6	1.5	1.6
Topeka	94.1	95.6	95.8	(¹)	(¹)	(¹)	3.7	3.5	3.7
Wichita	252.3	249.4	250.6	1.6	1.6	1.6	11.8	11.3	11.8
Kentucky	1,539.7	1,550.3	1,556.7	27.8	28.3	28.4	69.3	67.9	70.0
Lexington	236.0	243.5	238.8	.2	.2	.2	11.5	11.1	11.2
Louisville	496.5	503.2	506.3	.5	.6	.6	23.7	23.9	24.4
Owensboro	37.9	39.1	40.0	.5	.5	.5	2.3	2.2	2.3
Louisiana	1,648.8	1,670.1	1,676.4	45.6	45.5	46.0	98.6	102.2	105.3
Alexandria	49.5	50.2	50.7	.1	.2	.2	3.1	3.1	3.4
Baton Rouge	255.3	259.5	258.2	.9	.9	.9	30.7	30.8	31.3
Houma	59.1	60.5	61.2	5.0	5.0	5.0	3.1	3.1	3.2
Lafayette	135.8	138.1	138.5	10.9	11.4	11.3	6.6	6.9	6.9
Lake Charles	71.5	74.2	73.8	1.5	1.4	1.4	6.8	7.8	7.2
Monroe	61.9	63.2	62.8	.3	.3	.3	2.8	3.0	2.9
New Orleans	568.6	575.2	574.4	14.3	13.9	13.9	25.3	25.5	24.9
Shreveport-Bossier City	153.7	156.0	157.6	3.0	3.0	3.0	9.1	8.5	8.5
Maine	519.8	513.9	525.3	.1	.1	.1	21.5	19.5	22.2
Lewiston-Auburn	39.8	39.5	40.0	(¹)	(¹)	(¹)	1.6	1.4	1.6
Portland	124.8	123.5	125.6	(¹)	(¹)	(¹)	5.6	5.1	5.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Georgia	552.8	564.1	566.0	200.2	202.0	206.8	765.5	791.1	795.4
Albany	7.8	7.4	7.3	2.7	3.2	3.2	12.7	13.2	13.2
Athens	10.8	10.9	11.0	1.7	1.6	1.6	14.8	14.3	14.4
Atlanta	195.0	198.1	198.9	138.1	137.1	141.0	434.3	448.3	450.0
Augusta-Aiken	44.8	43.8	43.9	5.3	5.4	5.5	39.2	39.7	39.9
Columbus	21.0	20.6	20.7	3.4	3.3	3.3	22.3	22.6	23.0
Macon	18.4	18.6	18.7	5.3	5.3	5.4	30.4	30.9	31.0
Savannah	17.9	17.2	17.4	9.3	9.4	9.4	29.0	29.9	29.7
Hawaii	19.1	17.8	17.7	41.1	40.1	39.8	132.8	129.5	129.0
Honolulu	14.2	13.2	13.2	33.8	32.8	32.5	100.0	97.6	97.2
Idaho	87.8	70.5	71.3	20.7	21.0	21.4	108.4	114.6	115.3
Boise City	28.2	31.6	31.4	7.8	7.7	7.7	37.8	38.7	39.1
Illinois	928.7	937.2	938.6	310.1	305.2	312.4	1,242.3	1,254.5	1,269.1
Bloomington-Normal	7.1	8.0	8.1	2.8	2.8	2.9	15.7	15.9	15.9
Champaign-Urbana	10.3	10.2	10.2	2.5	2.5	2.5	18.9	19.8	19.5
Chicago	636.0	638.1	639.1	221.8	219.0	225.3	862.1	878.8	889.3
Davenport-Moline-Rock Island	28.6	28.7	28.8	8.0	8.2	8.3	47.0	48.0	48.7
Decatur	13.4	13.0	13.1	5.2	5.1	5.1	12.0	12.0	12.3
Kankakee	6.8	6.8	6.8	2.0	1.9	1.9	9.7	9.9	9.9
Peoria-Pekin	31.2	31.5	31.8	7.9	8.0	8.1	36.1	36.2	36.7
Rockford	49.0	49.9	50.0	6.6	6.5	6.7	33.1	33.1	33.8
Springfield	4.1	4.2	4.2	5.0	4.9	5.1	21.8	22.6	22.9
Indiana	638.0	646.3	649.9	132.9	132.2	135.6	609.3	610.3	618.4
Bloomington	8.6	9.2	9.2	1.6	1.8	1.7	13.0	14.1	13.8
Elkhart-Goshen	55.3	56.5	57.5	3.0	2.9	3.0	19.6	19.4	19.7
Evansville-Henderson	32.2	32.3	32.3	6.8	6.6	6.7	35.2	35.2	35.3
Fort Wayne	68.7	69.0	69.4	15.3	15.3	15.4	55.7	57.2	57.7
Gary	52.3	52.9	52.7	17.0	16.6	16.6	56.7	56.3	58.4
Indianapolis	121.7	124.8	125.2	42.4	41.4	41.6	187.2	194.7	197.6
Kokomo	20.0	20.7	20.8	1.3	1.3	1.3	10.3	9.7	10.1
Lafayette	19.0	18.7	18.8	2.2	2.3	2.3	18.5	16.6	16.6
Muncie	10.9	11.0	11.2	4.3	5.1	5.1	12.3	12.2	12.5
South Bend	21.3	21.6	21.9	5.4	5.2	5.4	30.1	30.3	31.8
Terre Haute	12.9	12.7	12.8	2.7	2.7	2.6	18.3	17.9	18.1
Iowa	235.1	240.9	242.8	58.7	57.0	57.7	323.3	322.5	327.0
Cedar Rapids	20.7	20.9	21.1	5.9	5.9	6.0	22.9	23.0	22.9
Des Moines	25.3	25.6	25.9	11.8	11.7	12.0	64.2	64.2	64.2
Dubuque	12.7	12.9	13.0	1.9	1.9	1.9	11.0	11.3	11.1
Iowa City	4.2	4.4	4.4	1.7	1.8	1.8	11.3	11.4	11.4
Sioux City	11.8	12.2	12.2	3.4	3.5	3.4	14.9	15.4	15.4
Waterloo-Cedar Falls	14.2	14.1	14.3	1.8	2.0	2.0	15.9	16.0	16.1
Kansas	182.3	181.9	182.2	65.5	68.1	68.8	274.3	276.1	278.8
Lawrence	4.6	4.4	4.4	1.1	1.2	1.2	9.7	9.7	9.7
Topeka	9.4	9.6	9.6	6.5	6.8	6.9	20.5	20.8	20.9
Wichita	56.7	55.9	55.8	11.5	11.2	11.4	57.7	57.7	58.1
Kentucky	292.2	293.6	294.7	82.3	82.8	82.8	358.3	362.5	365.2
Lexington	38.1	40.0	39.7	9.1	8.6	8.6	54.2	54.7	54.6
Louisville	85.9	87.8	88.9	32.7	33.5	33.5	119.1	121.2	122.4
Owensboro	6.2	6.2	6.2	2.1	2.0	2.0	9.7	10.2	10.4
Louisiana	183.5	186.3	186.8	105.0	106.3	107.0	382.3	385.5	387.5
Alexandria	3.5	3.5	3.5	2.5	2.5	2.5	10.8	11.1	11.1
Baton Rouge	23.7	22.9	22.9	11.9	11.7	11.7	55.8	57.0	57.2
Houma	4.9	5.3	5.5	5.8	5.8	5.8	14.7	15.1	15.2
Lafayette	15.7	16.0	16.0	8.0	8.0	8.1	34.6	34.9	35.1
Lake Charles	10.8	11.1	11.1	4.4	4.2	4.3	16.1	16.2	16.3
Monroe	8.2	8.3	8.2	3.2	3.4	3.4	14.8	15.3	15.3
New Orleans	47.2	48.2	48.4	42.8	42.9	42.8	140.1	139.6	139.9
Shreveport-Bossier City	18.6	20.6	20.6	8.3	7.8	8.1	35.9	36.6	36.8
Maine	90.1	90.7	91.5	21.9	20.6	21.0	128.9	126.6	131.1
Lewiston-Auburn	8.4	8.3	8.5	1.4	1.4	1.4	10.0	10.1	10.1
Portland	13.5	13.4	13.5	6.0	5.7	5.9	35.9	35.3	36.7

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Georgia	164.5	166.8	187.4	721.4	780.6	788.5	550.3	565.8	567.4
Albany	2.0	2.1	2.1	12.1	12.3	12.2	12.0	12.3	12.3
Athens	1.9	2.0	2.0	11.0	11.0	11.5	19.1	20.5	20.3
Atlanta	109.6	109.6	110.5	441.5	484.9	488.6	238.0	243.1	244.2
Augusta-Aiken	8.3	8.8	8.8	41.6	43.5	43.4	39.1	40.5	40.5
Columbus	6.9	7.4	7.4	22.2	23.9	24.2	20.6	19.8	19.9
Macon	7.8	8.2	8.2	28.8	30.8	30.8	35.2	36.3	36.3
Savannah	4.4	4.2	4.2	32.2	34.3	34.5	19.8	20.1	19.8
Hawaii	38.7	39.4	39.4	163.1	163.1	163.4	116.9	115.6	114.1
Honolulu	32.0	32.1	32.1	120.1	119.9	120.3	95.2	93.7	92.2
Idaho	22.5	24.0	24.1	95.9	101.5	100.9	92.3	94.7	95.7
Boise City	10.6	11.3	11.4	37.1	37.1	37.6	27.0	28.5	28.6
Illinois	379.4	384.1	386.4	1,461.4	1,484.7	1,494.7	787.4	789.5	789.3
Bloomington-Normal	11.9	12.0	12.1	16.3	16.7	16.6	11.7	14.1	11.6
Champaign-Urbana	3.1	3.2	3.1	19.8	20.2	20.2	34.1	34.2	33.6
Chicago	297.5	299.8	301.3	1,074.0	1,068.8	1,101.6	469.2	468.1	469.1
Davenport-Moline-Rock Island	7.5	7.7	7.7	42.2	42.2	42.8	26.5	26.0	26.5
Decatur	2.3	2.3	2.3	12.9	13.2	13.2	6.0	5.9	8.0
Kankakee	1.6	1.7	1.7	10.0	10.1	10.2	6.9	6.7	6.8
Peoria-Pekin	8.4	8.4	8.3	43.7	44.6	44.9	17.6	17.7	17.9
Rockford	6.8	6.8	6.6	38.9	39.3	39.6	15.6	15.7	15.8
Springfield	8.0	8.0	6.0	29.5	30.3	30.5	33.3	33.2	33.3
Indiana	128.6	129.1	129.9	559.4	582.2	584.2	397.4	405.1	401.7
Bloomington	2.1	2.1	2.2	11.9	11.7	11.8	16.6	19.8	19.7
Elkhart-Goshen	3.0	2.9	2.9	16.5	16.9	17.3	6.8	6.8	6.9
Evansville-Henderson	5.8	5.7	5.7	37.3	36.8	37.4	14.1	14.5	15.3
Fort Wayne	13.1	13.0	13.2	54.6	56.3	56.7	25.4	25.4	25.6
Gary	9.4	9.4	9.5	59.7	58.9	58.5	34.7	35.2	35.9
Indianapolis	54.9	55.6	55.8	175.7	177.8	178.4	110.4	110.1	110.3
Kokomo	1.4	1.4	1.3	8.4	8.0	8.1	6.7	7.2	7.4
Lafayette	3.4	3.7	3.8	18.6	17.0	17.3	20.9	24.7	21.5
Muncie	1.8	1.8	1.8	13.4	13.5	14.2	13.3	13.2	13.3
South Bend	6.4	6.2	6.3	39.4	39.5	39.5	13.3	13.5	13.5
Terre Haute	2.4	2.4	2.4	14.7	14.4	14.3	10.1	11.2	10.3
Iowa	73.6	75.4	75.5	320.9	327.6	330.3	228.8	231.9	233.2
Cedar Rapids	5.3	5.5	5.5	28.2	29.5	29.5	11.3	12.4	12.6
Des Moines	34.0	35.4	35.4	67.1	69.0	69.5	33.3	34.0	34.1
Dubuque	1.7	1.6	1.6	15.6	15.9	16.1	3.6	4.0	4.0
Iowa City	1.6	1.7	1.7	11.7	13.0	13.2	28.0	28.2	28.4
Sioux City	2.7	2.7	2.7	18.0	17.5	17.4	6.8	7.0	7.0
Waterloo-Cedar Falls	2.9	2.8	2.7	16.3	16.4	16.3	12.5	12.9	13.1
Kansas	57.7	58.7	58.8	270.1	278.3	278.4	235.7	238.0	238.3
Lawrence	1.8	1.8	1.8	9.3	8.5	8.8	13.1	13.3	13.3
Topeka	6.3	6.3	6.3	24.5	25.0	25.0	23.2	23.6	23.4
Wichita	11.0	10.9	11.0	67.2	66.9	66.9	32.8	33.9	34.0
Kentucky	63.3	62.9	62.7	366.8	369.8	372.7	279.7	282.5	280.2
Lexington	9.5	9.2	9.3	61.8	63.9	62.5	51.6	55.8	52.5
Louisville	28.5	28.9	28.9	138.1	138.6	139.4	68.0	68.5	68.2
Owensboro	1.7	1.6	1.6	9.5	9.6	9.9	5.9	6.8	7.1
Louisiana	77.9	78.5	78.4	411.6	420.9	421.4	344.3	344.9	344.0
Alexandria	2.2	2.2	2.2	14.1	14.4	14.4	13.2	13.2	13.4
Baton Rouge	14.5	14.8	14.7	63.1	64.0	64.0	54.7	57.4	55.5
Houma	2.3	2.2	2.2	11.4	11.7	11.8	12.1	12.3	12.5
Lafayette	5.6	5.6	5.6	32.4	33.1	33.4	22.0	22.2	22.1
Lake Charles	2.7	2.8	2.6	17.1	18.4	18.4	12.1	12.5	12.5
Monroe	4.3	4.3	4.3	15.8	16.2	16.2	12.5	12.4	12.2
New Orleans	29.6	30.0	29.9	167.6	171.9	171.4	101.5	103.0	103.2
Shreveport-Bossier City	6.7	6.8	6.8	41.1	41.4	42.5	31.0	31.3	31.3
Maine	25.6	25.8	26.1	133.9	134.6	137.1	97.8	96.0	96.2
Lewiston-Auburn	1.9	2.0	2.0	11.6	11.5	11.6	4.7	4.8	4.8
Portland	12.1	12.1	12.1	35.1	34.5	34.6	16.6	17.4	17.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Maryland	2,114.7	2,109.3	2,130.8	1.1	1.1	1.1	120.7	115.9	119.5
Baltimore PMSA	1,102.9	1,089.8	1,099.5	.2	.2	.2	56.5	54.3	56.3
Baltimore City	417.4	414.2	416.5	(¹)	(¹)	(¹)	12.2	12.0	12.3
Suburban Maryland-D.C.	769.2	774.5	780.3	(¹)	(¹)	(¹)	51.8	49.7	51.2
Massachusetts	2,843.6	2,907.0	2,930.0	1.3	1.2	1.3	77.9	83.4	88.7
Boston	1,727.6	1,773.6	1,785.2	.4	.4	.4	43.7	45.7	48.3
Brockton	81.9	82.9	83.3	(¹)	(¹)	(¹)	2.4	2.2	2.4
Fitchburg-Leominster	49.4	49.2	49.6	(¹)	(¹)	(¹)	1.2	1.1	1.2
Lawrence	133.1	133.8	135.0	(¹)	(¹)	(¹)	4.3	4.3	4.6
Lowell	102.8	101.2	102.0	(¹)	(¹)	(¹)	3.9	3.8	4.1
New Bedford	80.9	81.0	81.6	(¹)	(¹)	(¹)	1.8	1.6	1.8
Pittsfield	40.5	39.9	40.8	.1	.1	.1	1.5	1.0	1.1
Springfield	239.0	238.1	240.3	.1	.1	.1	6.4	6.1	6.7
Worcester	206.8	206.6	210.2	.2	.2	.3	5.7	6.1	6.6
Michigan	4,001.1	4,050.2	4,109.9	9.2	8.8	9.0	133.2	125.4	139.8
Ann Arbor	243.8	249.3	246.3	(¹)	(¹)	(¹)	6.4	6.2	8.7
Benton Harbor	67.7	67.8	69.1	(¹)	(¹)	(¹)	1.8	1.7	1.9
Detroit	1,882.0	1,906.1	1,932.1	.9	.9	1.0	56.0	55.0	59.8
Flint	166.1	166.7	168.1	(¹)	(¹)	(¹)	4.9	4.4	4.8
Grand Rapids-Muskegon-Holland	467.0	473.2	480.4	(¹)	(¹)	(¹)	19.9	19.5	20.8
Jackson	55.1	55.8	56.6	(¹)	(¹)	(¹)	1.6	1.6	1.7
Kalamazoo-Battle Creek	194.7	198.1	197.2	(¹)	(¹)	(¹)	6.6	6.2	6.7
Lansing-East Lansing	217.6	217.4	219.4	(¹)	(¹)	(¹)	6.2	5.8	6.5
Saginaw-Bay City-Midland	164.3	164.9	168.5	(¹)	(¹)	(¹)	7.7	6.5	7.6
Minnesota	2,253.9	2,285.4	2,312.0	7.9	7.4	7.8	79.9	74.6	83.6
Duluth-Superior	100.6	100.0	101.2	5.0	5.2	5.2	3.3	3.2	3.6
Minneapolis-St. Paul	1,456.6	1,474.5	1,467.4	(¹)	(¹)	(¹)	49.6	45.3	49.8
Rochester	69.4	69.7	70.1	(¹)	(¹)	(¹)	2.4	2.1	2.3
St. Cloud	78.0	79.4	80.3	(¹)	(¹)	(¹)	3.4	3.4	3.8
Mississippi	1,000.8	1,025.3	1,028.4	5.1	5.2	5.0	39.8	40.9	42.2
Jackson	196.0	200.3	199.7	(¹)	(¹)	(¹)	8.0	8.0	8.2
Missouri	2,407.8	2,457.1	2,477.9	4.4	4.2	4.3	94.7	99.8	104.6
Kansas City	810.0	821.6	827.7	(¹)	(¹)	(¹)	33.5	36.2	37.6
St. Louis	1,182.8	1,205.8	1,215.6	(¹)	(¹)	(¹)	53.1	59.0	62.3
Springfield	137.3	142.8	143.9	(¹)	(¹)	(¹)	5.9	5.9	6.1
Montana	327.7	328.5	333.7	5.6	5.6	5.7	14.1	13.1	14.6
Nebraska	769.9	768.6	778.0	1.5	1.4	1.5	33.1	31.8	34.2
Lincoln	129.0	128.3	130.7	(¹)	(¹)	(¹)	5.4	5.5	5.7
Omaha	349.6	347.1	351.1	(¹)	(¹)	(¹)	16.7	15.6	16.7
Nevada	665.4	707.7	712.8	12.6	12.6	12.7	46.6	48.2	49.1
Las Vegas	450.0	486.1	489.2	1.8	1.8	1.8	36.2	36.7	37.2
Reno	149.5	155.3	166.6	.7	.7	.7	7.8	8.4	8.7
New Hampshire	501.2	507.4	511.1	.5	.4	.5	17.0	16.7	17.7
Manchester	84.3	86.3	86.8	(¹)	(¹)	(¹)	3.0	3.1	3.1
Nashua	80.0	79.6	80.2	(¹)	(¹)	(¹)	2.2	2.0	2.1
Portsmouth-Rochester	103.1	103.9	104.8	(¹)	(¹)	(¹)	2.6	2.3	2.5
New Jersey	3,495.6	3,519.8	3,551.1	1.9	1.9	2.0	114.4	116.6	121.9
Atlantic-Cape May	169.0	164.6	171.0	(¹)	(¹)	(¹)	5.8	5.8	6.2
Bergen-Passaic	805.8	807.5	810.1	(¹)	(¹)	(¹)	19.9	19.7	20.6
Camden	431.4	434.6	437.4	(¹)	(¹)	(¹)	17.6	18.3	18.1
Jersey City	228.1	232.8	234.6	(¹)	(¹)	(¹)	4.2	5.0	5.1
Middlesex-Somerset-Hunterdon	545.1	554.7	556.3	.6	.5	.5	16.3	16.1	16.8
Monmouth-Ocean	333.1	333.3	340.7	(¹)	(¹)	(¹)	14.2	14.8	15.0
Newark	908.1	914.9	918.3	.7	.7	.7	28.8	28.8	29.6
Trenton	195.9	196.1	195.9	(¹)	(¹)	(¹)	4.1	4.1	4.4
Vineland-Millville-Bridgeton	55.9	56.1	56.8	.3	.3	.3	1.7	1.7	1.8
New Mexico	626.0	648.6	655.7	15.4	16.4	16.5	35.2	36.4	40.6
Albuquerque	287.7	296.0	300.9	(¹)	(¹)	(¹)	17.3	19.4	20.2
Las Cruces	48.4	47.1	47.4	(¹)	(¹)	(¹)	2.7	2.6	2.7
Santa Fe	66.5	67.3	68.2	(¹)	(¹)	(¹)	3.3	3.3	3.4
New York	7,777.7	7,771.2	7,841.8	5.1	5.1	5.4	243.8	236.2	250.0
Albany-Schenectady-Troy	426.5	427.9	432.4	.5	.5	.5	14.9	13.9	15.3
Binghamton	114.8	110.9	112.2	(¹)	(¹)	(¹)	4.1	3.7	4.1

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Maryland	180.0	176.0	178.8	98.9	96.3	96.9	503.7	495.1	504.7
Baltimore PMSA	108.2	105.3	105.9	53.7	51.3	51.9	254.0	248.8	250.9
Baltimore City	37.8	37.4	37.4	21.1	19.9	20.0	68.3	65.2	66.1
Suburban Maryland-D.C.	33.9	33.9	34.0	31.4	31.4	31.5	185.8	184.7	187.9
Massachusetts	456.3	446.1	447.1	122.9	126.8	128.8	842.0	854.2	664.1
Boston	228.5	222.1	222.4	78.1	81.2	82.0	373.0	380.0	385.4
Brockton	10.9	11.1	10.9	4.7	4.4	4.6	26.1	28.4	26.5
Fitchburg-Leominster	14.5	14.7	14.8	1.9	1.9	2.0	11.4	10.7	10.8
Lawrence	35.5	34.1	34.4	4.1	3.9	4.0	33.0	33.3	33.7
Lowell	32.1	30.7	30.7	5.3	4.9	5.0	20.5	20.7	20.9
New Bedford	15.8	15.9	15.9	2.3	2.2	2.3	14.7	14.6	14.8
Pittsfield	7.8	7.3	7.3	1.2	1.2	1.2	9.6	9.7	9.9
Springfield	41.1	39.8	39.7	8.7	7.9	8.5	54.4	53.1	53.8
Worcester	39.7	39.0	39.2	9.8	9.7	10.0	46.3	46.1	46.5
Michigan	900.8	929.6	933.0	157.8	152.3	180.5	935.0	941.7	964.3
Ann Arbor	53.5	54.0	53.7	5.4	5.4	5.4	47.5	47.3	48.2
Benton Harbor	20.0	20.3	20.4	2.8	2.8	2.8	14.4	14.4	14.9
Detroit	412.3	428.6	429.1	84.4	83.0	87.4	448.8	448.8	454.7
Flint	45.6	46.8	47.1	4.8	4.2	4.2	39.9	38.9	39.6
Grand Rapids-Muskegon-Holland	133.5	137.5	138.5	18.7	16.7	17.1	114.1	113.0	115.0
Jackson	12.2	12.8	12.8	3.6	3.6	3.6	13.1	13.3	13.5
Kalamazoo-Battle Creek	49.4	49.4	49.9	6.2	6.2	6.3	42.8	43.2	43.6
Lansing-East Lansing	28.0	29.5	29.5	6.3	6.3	6.4	47.2	47.0	47.8
Saginaw-Bay City-Midland	40.3	40.8	40.9	6.5	6.3	6.5	40.7	40.8	42.2
Minnesota	403.8	406.2	406.8	109.9	108.4	110.1	538.3	543.4	548.9
Duluth-Superior	8.0	8.3	8.2	6.2	5.8	5.9	25.8	25.3	25.7
Minneapolis-St. Paul	264.7	265.3	266.9	78.0	76.4	77.8	340.8	347.0	348.7
Rochester	12.0	11.1	11.0	2.0	2.0	2.0	14.0	14.8	15.0
St. Cloud	13.7	14.2	14.2	2.8	2.8	2.8	23.5	23.7	23.9
Mississippi	254.8	256.3	256.7	45.7	43.5	44.8	208.7	215.3	217.3
Jackson	21.7	21.5	21.7	12.8	13.6	14.6	47.0	48.1	48.5
Missouri	411.7	411.0	411.0	152.8	151.4	155.6	570.7	575.6	583.8
Kansas City	105.7	107.6	108.1	84.3	83.2	85.1	198.5	200.7	201.6
St. Louis	199.0	193.8	194.1	76.8	77.5	80.1	279.2	281.5	285.4
Springfield	21.0	21.2	21.3	8.1	7.6	8.4	38.5	40.3	40.6
Montana	22.6	21.8	21.9	20.3	20.0	20.5	87.5	87.2	88.8
Nebraska	101.9	103.4	103.6	47.1	47.0	47.6	193.1	192.8	193.6
Lincoln	15.4	15.8	15.8	7.6	6.9	7.3	26.6	27.4	27.1
Omaha	34.4	33.9	34.0	23.9	24.4	24.6	87.7	86.7	88.1
Nevada	29.2	31.5	31.7	34.7	36.3	36.5	131.8	138.0	139.0
Las Vegas	15.8	16.6	16.7	22.7	23.8	23.9	90.9	96.0	96.8
Reno	10.1	11.3	11.4	10.1	10.7	10.7	33.6	34.8	35.1
New Hampshire	96.9	98.0	98.2	18.0	17.7	18.2	127.7	128.0	129.5
Manchester	11.3	11.4	11.4	5.3	5.7	5.9	21.1	21.4	21.4
Nashua	26.7	26.5	28.5	2.1	1.8	2.0	19.8	19.5	19.5
Portsmouth-Rochester	17.5	17.5	17.5	3.2	3.6	3.7	25.6	25.3	26.2
New Jersey	517.7	507.0	509.7	237.3	236.0	238.5	810.5	812.3	823.4
Atlantic-Cape May	7.0	7.1	7.1	7.2	7.2	7.4	35.1	32.7	35.5
Bergen-Passaic	115.8	111.6	112.1	28.5	28.9	28.8	169.5	170.4	171.5
Camden	57.4	57.0	57.0	20.4	20.3	20.6	113.5	114.4	116.1
Jersey City	33.7	33.4	34.3	28.8	28.7	29.3	53.5	54.3	54.1
Middlesex-Somerset-Hunterdon	97.0	95.3	95.2	44.5	43.8	44.5	127.5	129.2	129.9
Monmouth-Ocean	21.3	20.3	20.8	18.2	17.9	18.0	88.5	88.2	92.1
Newark	142.7	142.0	141.9	77.2	76.6	77.9	177.7	177.4	178.6
Trenton	24.0	22.2	21.7	6.9	6.5	6.5	30.8	31.5	31.6
Vineland-Millville-Bridgeton	13.7	13.9	14.0	2.2	2.1	2.1	10.5	10.5	10.8
New Mexico	41.8	43.4	43.5	29.1	29.9	30.1	146.9	151.7	153.2
Albuquerque	26.1	28.9	27.5	12.8	12.4	12.8	69.1	70.7	72.4
Las Cruces	2.4	2.4	2.4	1.7	1.7	1.7	9.7	10.0	10.1
Santa Fe	2.0	2.1	2.1	1.1	1.1	1.2	14.0	14.1	14.4
New York	987.2	955.8	958.9	403.3	399.1	405.7	1,557.2	1,546.8	1,570.5
Albany-Schenectady-Troy	44.5	43.9	43.7	16.1	15.6	16.1	84.5	84.9	88.5
Binghamton	27.2	24.9	24.8	4.5	4.1	4.2	24.8	24.4	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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Maryland	129.0	129.7	129.2	656.7	668.8	674.7	424.6	426.6	428.1
Baltimore FMSA	73.8	72.3	72.3	345.8	348.8	350.8	210.9	211.0	211.2
Baltimore City	38.4	37.6	37.5	149.0	150.8	151.2	90.8	91.5	92.0
Suburban Maryland-D.C.	46.9	47.5	47.2	248.8	255.8	256.7	170.8	171.7	171.8
Massachusetts	198.6	201.8	202.0	948.3	997.3	1,001.0	396.3	396.4	397.2
Boston	142.8	148.2	148.2	645.3	677.3	678.8	218.0	218.7	219.7
Brockton	3.3	3.4	3.4	19.6	20.4	20.5	14.9	15.0	15.0
Fitchburg-Leominster	1.7	1.7	1.7	11.9	12.4	12.5	6.8	6.7	6.8
Lawrence	4.9	4.8	4.9	34.0	35.7	36.0	17.3	17.7	17.4
Lowell	3.4	3.4	3.4	23.6	24.0	24.3	14.0	13.7	13.6
New Bedford	2.0	2.0	2.0	14.8	15.0	15.1	9.5	9.7	9.7
Pittsfield	1.9	1.8	1.8	13.3	13.8	14.1	5.1	5.0	5.1
Springfield	14.1	13.7	13.7	89.9	72.5	72.7	44.3	44.9	45.1
Worcester	15.1	15.5	15.8	58.1	60.2	60.4	32.1	31.8	31.6
Michigan	192.8	193.4	195.1	1,020.5	1,044.9	1,057.5	652.0	654.0	650.6
Ann Arbor	9.4	9.4	9.8	55.6	56.3	56.9	66.0	70.8	65.9
Benton Harbor	2.5	2.8	2.6	16.7	18.9	17.1	9.4	9.1	9.3
Detroit	107.3	107.8	109.0	537.7	549.6	554.2	234.8	234.7	238.8
Flint	6.2	6.3	6.3	40.1	41.5	41.8	24.7	24.5	24.3
Grand Rapids-Muskegon-Holland	19.1	19.2	19.2	111.8	115.4	117.6	51.9	52.0	52.4
Jackson	1.8	1.8	1.9	12.4	12.5	12.8	10.4	10.1	10.3
Kalamazoo-Battle Creek	10.3	10.4	10.4	46.0	47.2	48.9	33.5	35.6	33.5
Lansing-East Lansing	12.4	12.2	12.4	48.5	48.6	49.4	69.1	68.0	67.5
Saginaw-Bay City-Midland	6.1	6.2	6.3	40.5	41.4	41.9	22.4	23.1	23.1
Minnesota	134.7	138.9	139.6	614.8	634.5	639.2	365.0	372.0	374.2
Duluth-Superior	3.5	3.5	3.5	27.2	27.0	27.2	21.6	21.7	21.9
Minneapolis-St. Paul	106.4	110.3	110.7	407.4	419.2	420.6	209.4	210.5	212.4
Rochester	1.9	1.9	1.9	29.9	30.4	30.4	7.2	7.4	7.5
St. Cloud	2.3	2.4	2.4	19.2	19.6	19.8	13.1	13.3	13.4
Mississippi	38.5	39.3	38.7	195.6	209.1	209.2	212.8	215.7	215.5
Jackson	14.4	14.7	13.9	49.2	51.6	50.7	42.6	42.3	41.6
Missouri	140.5	142.3	143.0	647.4	676.6	680.3	385.6	396.2	395.3
Kansas City	81.6	82.4	82.8	218.3	224.2	224.9	128.1	127.3	127.6
St. Louis	72.1	73.0	73.1	349.6	366.5	366.5	153.0	154.5	154.1
Springfield	6.0	6.3	6.3	39.9	42.9	42.7	17.9	18.6	18.5
Montana	14.8	15.0	15.1	86.4	89.1	90.0	76.4	76.7	77.1
Nebraska	50.3	50.5	50.4	186.8	190.6	191.4	154.1	151.1	155.7
Lincoln	8.6	8.6	8.5	31.0	30.2	30.8	34.4	33.9	35.5
Omaha	30.0	29.7	29.7	104.9	105.4	106.0	52.0	51.4	52.0
Nevada	30.6	32.1	32.1	289.9	315.5	317.5	90.0	93.5	94.2
Las Vegas	22.4	23.5	23.5	205.8	229.7	231.0	54.4	58.0	58.3
Reno	7.0	7.4	7.4	59.8	60.9	61.3	20.4	21.1	21.3
New Hampshire	29.6	29.5	29.7	135.2	139.9	141.5	76.3	77.2	75.8
Manchester	7.7	7.1	7.0	25.9	27.3	27.7	10.0	10.3	10.3
Nashua	3.2	3.1	3.2	18.6	19.5	19.8	7.4	7.2	7.1
Portsmouth-Rochester	6.8	6.6	6.6	23.4	25.5	25.8	24.0	23.1	22.5
New Jersey	228.0	230.1	231.0	1,017.2	1,042.4	1,053.2	568.6	573.5	571.4
Atlantic-Cape May	5.8	5.4	5.5	79.9	78.5	80.7	28.2	27.9	28.6
Bergen-Passaic	35.6	37.4	37.1	168.0	168.0	168.9	70.5	71.5	71.1
Camden	22.8	22.3	22.2	122.2	124.5	125.7	77.5	77.8	77.7
Jersey City	18.7	19.5	19.6	49.7	52.3	52.6	39.5	39.6	39.6
Middlesex-Somerset-Hunterdon	42.4	43.6	43.6	138.8	146.6	147.6	78.0	79.6	78.2
Monmouth-Ocean	18.9	18.6	18.7	106.2	110.6	112.8	63.8	62.9	63.3
Newark	69.3	68.3	68.5	270.4	277.6	278.9	141.3	143.5	142.2
Trenton	10.6	10.4	10.4	64.9	67.1	67.1	54.6	54.3	54.2
Vineland-Millville-Bridgeton	3.5	3.4	3.3	11.2	11.2	11.3	12.8	13.0	13.0
New Mexico	27.5	28.7	29.0	187.5	174.6	176.2	162.6	165.5	168.6
Albuquerque	15.3	15.9	18.1	88.5	90.6	92.0	58.6	60.1	59.9
Las Cruces	1.9	1.9	1.9	9.4	9.9	9.9	18.6	18.6	18.7
Santa Fe	2.7	2.9	3.0	18.7	19.5	19.8	24.7	24.3	24.3
New York	727.2	726.6	728.7	2,412.0	2,464.3	2,477.9	1,442.1	1,437.4	1,444.6
Albany-Schenectady-Troy	27.0	26.7	26.9	126.5	129.7	130.2	112.5	112.7	113.2
Binghamton	4.1	4.1	4.1	27.9	27.9	28.0	22.1	21.9	22.2

See footnotes at end of table.

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

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

(In thousands)

State and area	Total			Mining			Construction		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
New York—Continued									
Buffalo—Niagra Falls	530.9	528.1	536.0	(¹)	(¹)	(¹)	19.8	17.8	19.8
Dutchess County	105.6	100.8	101.0	(¹)	(¹)	(¹)	3.9	3.7	3.8
Elmira	39.4	40.2	40.6	(¹)	(¹)	(¹)	1.2	1.1	1.2
Glens Falls	47.9	47.2	49.1	(¹)	(¹)	(¹)	2.0	1.7	1.9
Nassau—Suffolk	1,064.8	1,054.1	1,063.4	(¹)	(¹)	(¹)	41.2	39.3	40.3
New York PMSA	3,775.4	3,782.3	3,792.7	(¹)	(¹)	(¹)	105.1	103.1	105.1
New York City	3,282.6	3,296.4	3,302.0	0.3	0.3	0.3	84.7	83.9	85.1
Newburgh	113.7	111.9	114.4	(¹)	(¹)	(¹)	3.6	3.4	3.7
Rochester	520.3	515.8	523.6	.8	.7	.8	16.1	15.0	16.4
Rockland County	98.5	96.8	96.2	(¹)	(¹)	(¹)	3.0	2.8	3.0
Syracuse	331.5	329.4	330.1	(¹)	(¹)	(¹)	14.2	13.2	14.9
Utica—Rome	124.7	125.3	126.7	(¹)	(¹)	(¹)	3.3	2.6	3.3
Westchester County	375.5	370.7	374.0	(¹)	(¹)	(¹)	15.9	15.0	15.7
North Carolina	3,241.7	3,312.5	3,332.2	3.4	3.4	3.4	152.4	159.4	163.2
Asheville	97.9	98.5	99.5	(¹)	(¹)	(¹)	4.5	4.9	5.1
Charlotte—Gastonia—Rock Hill	650.2	663.7	666.4	(¹)	(¹)	(¹)	31.9	33.0	33.1
Greensboro—Winston—Salem—High Point	568.8	577.7	578.6	(¹)	(¹)	(¹)	23.9	23.9	24.0
Raleigh—Durham—Chapel Hill	516.4	527.5	527.7	(¹)	(¹)	(¹)	24.2	23.5	23.6
North Dakota	288.0	289.7	294.1	3.8	3.5	3.7	12.4	11.6	13.7
Bismarck	43.9	44.0	44.1	(¹)	(¹)	(¹)	2.3	2.1	2.4
Fargo—Moorhead	85.1	84.6	86.1	(¹)	(¹)	(¹)	4.5	4.3	5.2
Grand Forks	45.3	46.6	47.1	(¹)	(¹)	(¹)	1.9	1.8	2.2
Ohio	4,943.7	4,920.5	4,980.4	14.3	14.2	14.1	186.8	173.1	183.9
Akron	295.6	294.9	303.1	.4	.4	.4	10.5	10.2	10.8
Canton—Massillon	168.0	169.8	171.9	.7	.7	.7	7.4	7.4	7.7
Cincinnati	788.5	774.7	780.1	.6	.6	.7	33.6	32.5	33.8
Cleveland—Lorain—Elyria	1,054.4	1,048.3	1,059.6	.8	.9	.9	38.0	35.7	37.9
Columbus	728.5	724.9	732.4	.6	.6	.6	27.1	25.4	26.4
Dayton—Springfield	442.1	445.2	447.7	.7	.6	.6	14.8	14.2	14.8
Toledo	293.4	291.9	296.8	.2	.2	.2	11.2	9.3	10.0
Youngstown—Warren	230.1	232.9	236.9	.6	.7	.7	8.2	8.1	8.8
Oklahoma	1,247.4	1,260.1	1,269.1	35.0	35.0	35.0	41.8	42.8	43.9
Enid	22.8	23.5	23.0	.9	1.0	1.0	.7	.7	.7
Lawton	37.4	38.3	38.4	.1	.1	.1	1.4	1.5	1.4
Oklahoma City	449.3	456.2	457.9	8.0	8.0	8.0	15.0	15.2	15.4
Tulsa	331.5	333.5	334.7	9.3	9.3	9.2	12.2	12.2	12.5
Oregon	1,308.1	1,330.6	1,345.3	1.8	1.8	1.7	52.0	55.4	56.7
Eugene—Springfield	121.0	122.1	123.5	.2	.2	.2	4.5	5.2	5.8
Medford—Ashland	58.2	59.1	59.8	.1	.1	.1	2.3	2.2	2.3
Portland—Vancouver	767.2	781.3	788.0	.9	.8	.8	32.8	34.4	36.3
Salem	114.0	115.8	116.6	.2	.2	.2	4.8	4.7	5.0
Pennsylvania	5,146.0	5,146.8	5,196.9	21.9	20.0	20.3	198.8	192.5	204.8
Allentown—Bethlehem—Easton	256.0	253.2	255.6	(¹)	(¹)	(¹)	9.8	9.3	9.8
Altoona	55.9	56.5	57.1	(¹)	(¹)	(¹)	2.5	2.3	2.5
Erie	124.6	124.8	125.1	(¹)	(¹)	(¹)	4.3	4.0	4.1
Harrisburg—Lebanon—Carlisle	323.6	317.0	324.6	(¹)	(¹)	(¹)	12.8	12.2	13.2
Johnstown	83.6	83.8	85.1	(¹)	(¹)	(¹)	5.5	5.0	5.2
Lancaster	196.1	194.7	197.7	.4	.4	.4	10.9	10.2	10.6
Philadelphia PMSA	2,146.7	2,139.4	2,149.0	(¹)	(¹)	(¹)	76.3	77.7	80.4
Philadelphia City	689.9	690.3	688.4	(¹)	(¹)	(¹)	10.7	10.8	10.8
Pittsburgh	1,034.5	1,038.3	1,042.8	4.3	3.4	3.5	47.7	47.7	49.0
Reading	154.2	154.8	155.6	(¹)	(¹)	(¹)	6.3	5.9	6.3
Scranton—Wilkes-Barre—Hazleton	266.1	266.4	266.4	.7	.6	.6	9.3	8.7	9.6
Sharon	42.8	43.3	44.2	(¹)	(¹)	(¹)	1.4	1.2	1.3
State College	62.3	64.3	64.5	(¹)	(¹)	(¹)	2.9	2.4	2.6
Williamsport	51.0	50.7	51.3	(¹)	(¹)	(¹)	2.0	1.8	2.0
York	154.6	154.6	156.3	.5	.5	.5	7.3	7.4	7.8
Rhode Island	431.4	430.2	436.9	.2	.2	.2	12.4	10.2	11.8
Providence—Fall River—Warwick	480.4	480.1	485.4	.2	.2	.2	13.7	11.2	12.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
New York—Continued									
Buffalo-Niagra Falls	89.8	89.8	89.5	26.1	24.3	25.7	129.7	130.2	133.2
Dutchess County	19.7	14.7	14.8	3.7	3.8	3.8	20.5	20.5	20.9
Elmira	8.1	8.3	8.3	1.5	1.4	1.4	9.5	10.1	10.2
Glens Falls	9.4	9.7	9.7	1.4	1.3	1.4	10.8	11.0	11.7
Nassau-Suffolk	121.8	117.7	117.3	49.1	48.8	49.2	269.4	268.3	272.3
New York PMSA	352.5	344.8	346.3	230.1	228.5	229.1	643.3	635.1	639.3
New York City	292.1	285.9	287.4	203.3	201.5	202.1	535.8	530.2	532.9
Newburgh	13.1	12.7	13.1	6.5	5.2	6.3	29.0	28.8	29.2
Rochester	129.6	124.8	125.6	16.8	16.2	16.3	111.0	109.9	112.2
Rockland County	13.4	12.8	12.8	5.7	5.6	5.7	21.4	21.0	21.5
Syracuse	50.2	49.2	49.1	20.1	19.4	19.6	78.5	75.9	77.2
Utica-Rome	21.2	21.0	21.0	4.2	4.0	4.1	25.7	24.9	25.4
Westchester County	44.9	44.1	44.1	20.4	20.7	20.6	82.0	79.8	80.9
North Carolina	842.6	846.0	847.1	156.7	155.1	156.6	727.9	735.3	742.2
Asheville	21.0	21.0	21.2	4.8	4.9	4.9	22.7	22.8	22.8
Charlotte-Gastonia-Rock Hill	146.6	147.1	147.5	51.4	52.5	52.6	155.4	157.9	156.7
Greensboro-Winston-Salem-High Point	167.0	166.1	168.5	29.6	29.1	29.8	127.1	128.1	127.8
Raleigh-Durham-Chapel Hill	78.1	78.8	78.8	24.2	23.7	23.6	103.4	105.6	106.3
North Dakota	19.2	20.5	20.5	17.9	18.2	18.2	75.6	75.0	76.0
Bismarck	2.4	2.3	2.4	3.2	3.2	3.3	11.1	11.1	11.2
Fargo-Moorhead	6.0	6.3	6.4	4.8	4.6	4.7	24.4	24.3	24.4
Grand Forks	2.7	3.0	3.0	2.2	2.3	2.3	12.6	12.5	12.4
Ohio	1,049.0	1,047.5	1,051.0	214.4	202.0	212.3	1,177.8	1,168.7	1,185.1
Akron	82.5	81.9	82.0	14.0	10.7	14.0	70.4	70.6	70.9
Canton-Massillon	43.9	44.8	44.8	5.9	5.9	8.1	41.4	41.2	41.9
Cincinnati	142.9	142.0	141.9	39.9	39.3	39.9	195.5	195.7	197.4
Cleveland-Lorain-Elyria	219.2	216.7	217.1	43.1	42.0	42.5	245.7	239.2	242.7
Columbus	91.5	92.3	92.5	30.8	28.9	31.1	187.7	184.8	186.8
Dayton-Springfield	93.6	93.3	93.1	17.8	16.7	17.5	101.3	102.4	104.0
Toledo	55.1	56.3	57.0	14.0	12.2	13.0	72.0	71.4	72.4
Youngstown-Warren	54.0	55.9	56.1	8.5	8.4	8.6	59.7	60.1	61.3
Oklahoma	167.5	168.9	169.2	72.2	71.8	72.3	287.5	292.8	293.9
Enid	1.5	1.6	1.6	2.1	2.0	2.1	6.5	6.7	6.6
Lawton	3.7	3.8	3.8	1.7	1.8	1.7	8.6	8.6	8.7
Oklahoma City	48.3	49.0	49.6	21.7	22.1	22.1	105.4	108.0	107.9
Tulsa	54.2	53.9	54.4	27.0	26.9	27.1	76.1	75.9	75.5
Oregon	206.4	211.5	212.8	65.6	64.7	66.2	323.9	329.0	332.6
Eugene-Springfield	18.3	18.5	18.6	4.6	4.7	4.7	30.2	29.6	29.8
Medford-Ashland	8.5	8.7	8.9	2.9	2.9	3.1	16.6	17.4	17.5
Portland-Vancouver	122.8	125.5	126.4	44.0	42.3	43.3	190.5	193.2	194.7
Salem	13.9	14.7	14.7	3.2	3.4	3.5	25.3	25.4	25.6
Pennsylvania	941.4	930.1	934.4	269.8	262.8	272.7	1,149.3	1,147.0	1,162.1
Allentown-Bethlehem-Easton	61.4	61.4	61.3	13.3	12.4	12.5	52.7	51.7	52.2
Altoona	9.8	10.0	10.1	5.1	4.9	5.0	14.7	15.0	15.0
Erie	35.6	34.3	34.4	4.3	4.3	4.4	27.5	27.2	27.4
Harrisburg-Lebanon-Carlisle	47.1	48.8	47.6	20.8	17.9	20.6	89.3	67.4	68.5
Johnstown	12.2	12.6	12.8	5.1	5.0	5.1	19.9	19.9	20.2
Lancaster	55.5	54.7	54.9	7.0	5.4	6.9	48.5	48.9	49.2
Philadelphia PMSA	314.6	308.1	308.8	103.4	101.7	103.3	472.4	467.7	472.0
Philadelphia City	66.2	64.9	64.7	37.7	37.9	38.6	117.8	116.9	118.6
Pittsburgh	131.1	126.2	127.1	64.6	63.5	63.6	249.5	250.8	253.2
Reading	43.4	43.8	43.3	6.6	6.2	6.6	35.5	35.3	35.8
Scranton-Wilkes-Barre-Hazleton	59.9	59.2	59.6	15.6	15.4	15.9	64.0	64.1	65.1
Sharon	9.3	9.8	10.0	1.8	1.8	1.8	10.8	10.6	10.8
State College	8.5	8.9	9.0	1.8	1.8	1.7	11.7	11.8	11.6
Williamsport	13.6	13.2	13.3	1.9	1.8	1.8	11.9	11.9	12.1
York	46.5	46.6	46.8	8.7	8.2	8.7	37.4	36.6	37.1
Rhode Island	88.2	85.8	85.7	14.4	14.4	14.7	92.3	93.2	95.8
Providence-Fall River-Warwick	109.7	109.3	109.1	18.8	16.8	17.2	106.6	105.6	107.8

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
New York—Continued									
Buffalo-Niagra Falls	28.7	28.5	28.6	149.1	149.5	151.2	87.6	86.3	86.0
Dutchess County	4.4	4.4	4.4	30.4	31.6	31.5	22.9	22.1	21.9
Elmira	1.4	1.4	1.4	10.5	10.8	10.8	7.1	7.2	7.3
Glens Falls	1.7	1.7	1.7	13.0	12.1	13.0	9.7	9.8	9.7
Nassau-Suffolk	80.4	79.8	80.0	324.4	323.0	326.1	178.8	177.4	178.1
New York PMSA	502.6	507.0	508.3	1,276.9	1,303.2	1,302.8	662.8	660.6	661.7
New York City	469.3	474.6	475.8	1,117.8	1,141.8	1,139.9	579.3	578.1	578.6
Newburgh	6.0	6.0	6.1	29.2	29.3	29.5	26.3	26.5	26.4
Rochester	23.9	24.0	24.1	143.5	146.8	148.8	78.6	78.4	79.4
Rockland County	5.2	5.1	5.2	28.8	28.9	29.2	21.0	20.6	20.8
Syracuse	19.8	19.6	19.8	91.2	92.8	90.6	59.4	59.3	59.0
Utica-Rome	8.2	8.1	8.1	30.8	33.0	33.1	31.4	31.7	31.7
Westchester County	27.1	26.2	26.3	126.6	127.1	128.2	58.4	57.8	58.2
North Carolina	137.6	143.5	144.0	688.7	717.8	724.5	532.4	552.0	551.2
Asheville	3.0	3.1	3.2	27.2	26.5	27.0	14.7	15.3	15.3
Charlotte-Gastonia-Rock Hill	40.6	42.2	42.6	147.2	152.1	152.3	77.1	78.9	79.4
Greensboro-Winston-Salem-High Point	27.9	28.7	28.5	130.5	133.9	134.7	62.8	65.9	65.3
Raleigh-Durham-Chapel Hill	24.2	24.9	25.0	150.9	155.7	156.4	111.4	115.1	114.0
North Dakota	13.3	13.8	13.8	76.7	79.0	79.7	69.1	68.1	68.5
Bismarck	1.9	2.0	2.0	13.3	13.5	13.2	9.7	9.8	9.8
Fargo-Moorhead	5.2	5.4	5.4	24.1	24.0	24.0	18.1	15.7	16.0
Grand Forks	1.6	1.6	1.6	11.8	12.6	12.8	12.7	12.8	12.8
Ohio	259.1	259.6	261.1	1,285.8	1,296.8	1,307.8	756.5	756.6	765.1
Akron	11.9	12.5	12.8	78.7	81.2	83.9	47.2	47.4	48.5
Canton-Massillon	6.6	6.6	6.7	42.5	43.7	43.9	19.8	19.7	20.1
Cincinnati	45.4	46.2	46.4	208.9	212.2	214.5	101.7	106.2	105.5
Cleveland-Lorain-Elyria	64.8	66.2	66.5	289.0	305.9	308.8	143.8	141.7	143.2
Columbus	60.2	59.1	59.8	196.3	197.1	198.1	134.3	136.7	137.3
Dayton-Springfield	17.2	17.1	17.2	120.7	125.7	124.8	76.0	75.2	75.9
Toledo	11.3	11.4	11.4	82.6	82.8	84.2	46.8	48.3	48.8
Youngstown-Warren	10.3	10.1	10.1	58.4	59.1	60.0	30.4	30.5	31.3
Oklahoma	81.9	81.4	82.0	305.1	311.8	315.6	276.4	275.8	277.2
Enid	1.1	1.1	1.0	5.9	6.3	5.9	4.1	4.1	4.1
Lawton	1.7	1.8	1.8	7.8	8.1	8.1	12.4	12.6	12.8
Oklahoma City	26.1	25.8	26.1	118.5	122.9	123.3	106.3	105.2	105.5
Tulsa	17.8	18.0	17.9	93.1	96.2	96.8	41.8	41.1	41.3
Oregon	89.9	95.1	95.7	327.8	335.1	336.6	240.5	238.2	240.8
Eugene-Springfield	6.6	7.2	7.3	30.9	31.1	31.8	25.7	25.8	25.7
Medford-Ashland	2.8	2.8	2.8	14.6	14.7	14.6	10.4	10.3	10.3
Portland-Vancouver	82.7	84.2	84.3	203.5	210.8	211.7	110.0	110.1	110.5
Salem	6.5	6.7	6.8	26.5	27.2	27.4	33.8	33.5	33.4
Pennsylvania	302.8	304.5	306.6	1,541.3	1,559.3	1,568.6	720.9	730.8	727.4
Allentown-Bethlehem-Easton	13.7	14.0	14.1	76.0	76.0	77.1	29.1	28.4	28.6
Altoona	1.8	1.9	2.0	14.2	14.1	14.3	7.8	8.3	8.2
Erie	5.6	5.8	5.8	33.3	34.1	33.8	14.0	14.9	15.2
Harrisburg-Lebanon-Carlisle	22.4	23.1	23.1	80.2	78.3	80.3	71.0	71.3	71.3
Johnstown	4.2	4.1	4.1	23.5	23.8	24.0	13.2	13.4	13.7
Lancaster	9.0	9.1	9.1	46.3	47.9	48.6	18.5	18.1	18.0
Philadelphia PMSA	158.2	153.2	153.8	715.0	722.4	722.2	308.8	308.6	308.7
Philadelphia City	57.5	56.6	57.0	266.7	271.3	267.4	133.3	131.7	131.3
Pittsburgh	80.3	61.0	61.4	351.2	357.8	357.0	125.6	127.9	127.8
Reading	8.7	9.3	9.2	35.2	35.3	35.6	18.5	19.2	18.8
Scranton-Wilkes-Barre-Hazleton	11.9	11.6	11.5	70.5	71.2	71.4	34.2	35.6	34.7
Sharon	1.6	1.5	1.8	12.4	12.8	13.0	5.5	5.6	5.7
State College	2.0	2.1	2.1	11.9	11.5	11.7	23.5	25.8	25.8
Williamsport	2.3	2.2	2.2	12.8	13.4	13.4	6.5	6.4	6.5
York	4.9	5.0	5.2	33.5	35.2	35.0	15.8	15.1	15.2
Rhode Island	25.1	25.2	25.1	135.8	138.9	140.6	63.2	62.3	63.0
Providence-Fall River-Warwick	28.9	27.0	26.8	141.4	145.4	146.6	65.1	64.6	65.0

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
South Carolina	1,581.9	1,596.3	1,605.1	1.8	1.7	1.7	81.7	81.9	82.0
Charleston-North Charleston	209.8	204.7	206.4	(¹)	(¹)	(¹)	12.1	11.4	11.5
Columbia	248.7	249.7	250.6	(¹)	(¹)	(¹)	12.2	12.3	12.3
Greenville-Spartanburg-Anderson	416.4	422.5	424.7	(¹)	(¹)	(¹)	23.8	25.4	25.7
South Dakota	320.6	324.5	330.5	2.5	2.3	2.3	13.7	12.7	14.2
Rapid City	42.4	43.1	43.8	(¹)	(¹)	(¹)	2.8	2.6	2.8
Sioux Falls	88.6	88.9	90.0	(¹)	(¹)	(¹)	4.4	4.2	4.6
Tennessee	2,326.9	2,374.1	2,396.0	4.8	4.9	4.9	94.3	94.6	98.1
Chattanooga	207.3	211.5	211.9	(¹)	(¹)	(¹)	7.3	7.5	7.7
Johnson City-Kingsport-Bristol	185.8	183.8	184.0	(¹)	(¹)	(¹)	8.6	8.4	8.6
Knoxville	297.1	298.3	299.9	.6	.6	.8	14.2	14.9	15.2
Memphis	488.3	493.7	494.5	(¹)	(¹)	(¹)	18.1	18.3	18.6
Nashville	538.0	554.8	558.8	(¹)	(¹)	(¹)	22.1	24.1	24.2
Texas	7,465.2	7,662.4	7,686.5	164.2	162.3	161.9	351.0	362.7	362.8
Abilene	50.0	50.7	50.6	1.3	1.3	1.3	1.8	1.9	1.9
Amarillo	83.3	85.5	86.3	.8	.7	.7	3.2	3.9	4.0
Austin-San Marcos	453.3	469.4	469.7	1.0	1.0	1.0	16.8	19.8	20.1
Beaumont-Port Arthur	149.0	152.5	152.2	1.0	1.0	1.0	13.0	13.6	13.6
Brazoria	70.2	72.4	72.7	1.0	1.0	1.0	9.7	10.7	10.8
Brownsville-Harlingen-San Benito	86.0	91.8	91.5	(¹)	(¹)	(¹)	2.5	2.8	2.8
Bryan-College Station	61.5	63.5	63.1	.7	.7	.8	2.1	2.4	2.3
Corpus Christi	140.0	141.9	142.0	2.7	2.7	2.7	12.5	12.0	12.0
Dallas	1,465.3	1,514.5	1,526.9	16.8	16.8	16.9	52.2	57.9	59.7
El Paso	223.9	229.0	229.1	(¹)	(¹)	(¹)	8.3	8.8	8.8
Ft. Worth-Arlington	611.2	624.0	626.4	4.4	4.6	4.5	23.4	26.4	26.7
Galveston-Texas City	83.9	85.7	85.7	.7	.7	.7	4.8	5.1	5.0
Houston	1,660.0	1,681.4	1,688.1	64.6	65.0	66.2	106.9	107.1	110.3
Killeen-Temple	82.6	85.3	85.5	(¹)	(¹)	(¹)	3.4	3.8	3.9
Laredo	52.7	55.3	55.4	2.2	2.5	2.5	1.8	2.0	2.0
Longview-Marshall	78.1	80.9	81.0	3.4	3.5	3.5	3.2	3.5	3.5
Lubbock	102.7	104.4	104.7	.1	.1	.1	3.6	4.0	4.1
McAllen-Edinburg-Mission	112.4	121.0	120.3	.9	.9	1.0	4.8	5.1	5.2
Odessa-Midland	90.7	91.2	91.6	12.7	12.4	12.4	4.6	4.3	4.3
San Angelo	39.1	40.0	40.0	.6	.5	.5	1.4	1.5	1.5
San Antonio	574.0	587.5	589.2	1.8	1.8	1.8	25.4	26.3	26.6
Sherman-Denison	36.9	37.4	37.4	(¹)	(¹)	(¹)	1.4	1.5	1.5
Texarkana	48.4	47.8	47.9	.1	.1	.1	1.9	2.3	2.3
Tyler	66.4	68.3	68.2	1.3	1.4	1.4	2.1	2.3	2.3
Victoria	32.0	33.5	33.7	1.3	1.3	1.3	2.2	2.2	2.2
Waco	85.4	87.8	87.1	(¹)	(¹)	(¹)	3.7	3.8	3.9
Wichita Falls	52.7	54.2	54.2	1.5	1.4	1.4	1.7	1.8	1.8
Utah	803.1	845.6	852.5	8.1	8.1	8.1	39.1	44.1	46.8
Provo-Orem	104.0	115.2	112.8	(¹)	(¹)	(¹)	5.8	6.5	7.0
Salt Lake City-Ogden	543.7	570.3	576.6	3.1	3.1	3.1	25.8	29.4	31.1
Vermont	253.5	256.4	258.0	.6	.7	.7	11.5	9.5	10.8
Barre-Montpelier	28.4	28.9	29.2	(¹)	(¹)	(¹)	1.3	1.1	1.3
Burlington	88.4	88.8	89.1	(¹)	(¹)	(¹)	4.0	3.8	4.2
Virginia	2,922.0	2,992.0	3,011.3	12.9	12.0	11.9	152.3	156.0	159.7
Bristol	34.3	34.8	35.0	(¹)	(¹)	(¹)	1.1	1.2	1.3
Charlottesville	72.2	74.0	71.6	(¹)	(¹)	(¹)	3.8	3.8	4.0
Danville	42.7	44.0	43.9	(¹)	(¹)	(¹)	1.9	2.0	2.1
Lynchburg	92.9	95.3	95.7	(¹)	(¹)	(¹)	4.5	4.8	4.9
Norfolk-Virginia Beach-Newport News	609.4	612.1	618.3	(¹)	(¹)	(¹)	32.1	31.7	32.5
Northern Virginia	861.6	888.5	898.8	.5	.6	.6	43.6	48.3	49.5
Richmond-Petersburg	474.0	490.4	491.4	.7	.7	.7	27.8	27.9	28.4
Roanoke	128.5	134.2	134.7	(¹)	(¹)	(¹)	6.8	7.2	7.3
Washington	2,255.7	2,270.2	2,290.6	3.2	3.4	3.5	115.9	119.2	123.2
Seattle-Bellevue-Everett	1,143.9	1,143.2	1,154.7	.6	.6	.6	57.1	56.7	58.7
West Virginia	656.0	665.6	688.4	28.3	29.0	29.1	31.3	32.7	35.9
Charleston	118.3	119.3	124.8	1.5	1.7	1.7	6.7	6.2	7.2
Huntington-Ashland	110.5	109.5	111.4	1.8	1.7	1.8	4.6	4.5	5.0
Parkersburg-Marletta	63.5	64.2	65.6	.4	.4	.4	3.5	3.1	3.4
Wheeling	60.2	60.5	61.7	1.7	1.8	1.8	2.1	2.4	2.7

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
South Carolina	375.0	370.3	370.5	66.3	66.2	66.5	355.1	356.9	361.8
Charleston-North Charleston	20.9	19.5	19.5	10.4	10.2	10.0	51.2	50.3	51.1
Columbia	26.1	26.4	26.6	11.1	11.2	11.2	54.7	54.8	55.1
Greenville-Spartanburg-Anderson	125.5	124.5	124.7	16.8	16.7	16.8	96.3	96.8	97.8
South Dakota	38.7	42.1	42.4	15.0	15.0	15.0	81.7	82.3	84.2
Rapid City	4.4	4.4	4.4	1.9	1.9	1.9	12.4	12.7	13.0
Sioux Falls	11.0	11.3	11.5	5.7	5.6	5.5	24.1	23.7	23.9
Tennessee	527.8	538.2	538.7	125.6	123.1	129.3	530.9	544.7	550.1
Chattanooga	44.6	45.6	45.4	7.2	7.2	7.3	50.7	52.1	52.3
Johnson City-Kingsport-Bristol	54.1	52.7	52.8	7.5	8.0	8.0	41.2	41.2	41.3
Knoxville	50.8	50.2	50.4	11.3	11.0	11.1	73.5	71.9	73.0
Memphis	65.0	65.6	65.7	48.5	49.1	49.7	125.1	126.7	127.4
Nashville	93.4	95.9	95.9	31.9	30.7	32.3	126.7	130.5	131.9
Texas	982.8	995.3	997.4	436.6	442.7	443.9	1,798.1	1,846.1	1,856.3
Abilene	4.2	3.8	3.8	2.5	2.6	2.6	12.9	12.9	13.0
Amarillo	9.4	9.3	9.4	5.6	5.7	5.8	23.0	24.1	24.1
Austin-San Marcos	59.1	60.8	61.2	14.6	14.7	14.7	92.1	97.2	97.8
Beaumont-Port Arthur	25.3	25.0	25.1	9.8	9.3	9.3	33.5	34.5	34.3
Brazoria	17.1	17.1	17.1	2.6	2.5	2.5	13.1	13.9	14.0
Brownsville-Harlingen-San Benito	13.0	13.6	13.7	3.8	3.9	3.8	22.9	24.3	24.1
Bryan-College Station	4.0	3.9	3.9	1.4	1.4	1.4	12.7	12.9	12.6
Corpus Christi	13.6	13.6	13.6	6.7	6.7	6.5	32.3	33.5	33.9
Dallas	221.0	221.5	221.8	87.6	86.7	91.1	368.0	380.8	384.3
El Paso	45.4	46.8	46.7	11.3	11.3	11.4	53.9	55.3	55.1
Fl. Worth-Arlington	101.2	100.8	101.0	56.4	57.1	57.1	156.5	158.0	158.7
Galveston-Texas City	8.4	8.4	8.3	4.9	5.1	5.2	17.8	18.4	18.4
Houston	177.8	178.1	178.2	113.0	114.6	114.9	390.1	392.1	394.4
Killeen-Temple	9.1	9.2	9.2	2.7	2.8	2.7	18.5	19.5	19.5
Laredo	1.8	1.9	1.9	8.4	8.7	8.8	16.0	16.7	16.7
Longview-Marshall	16.9	17.0	17.1	3.8	3.7	3.7	19.4	19.9	19.8
Lubbock	7.3	7.4	7.5	5.4	5.3	5.3	26.2	26.9	26.9
McAllen-Edinburg-Mission	12.8	13.6	13.7	3.8	4.0	4.0	33.7	36.1	35.8
Odessa-Midland	6.6	6.4	6.5	4.3	4.2	4.3	23.1	23.6	23.7
San Angelo	5.0	5.0	5.0	2.9	2.8	2.8	9.4	9.5	9.6
San Antonio	46.5	47.4	47.7	26.1	26.9	27.1	142.1	145.2	146.0
Sherman-Denison	9.8	9.8	9.8	1.4	1.5	1.5	7.7	7.7	7.7
Texarkana	6.1	5.5	5.5	2.2	2.0	2.0	11.6	11.7	11.8
Tyler	11.5	11.7	11.7	3.1	3.1	3.1	16.8	17.6	17.4
Victoria	3.2	3.3	3.3	1.5	1.4	1.4	8.2	8.9	9.0
Waco	15.5	16.1	16.1	3.4	3.5	3.5	19.3	19.8	19.6
Wichita Falls	7.6	8.0	7.9	2.6	2.7	2.6	12.5	12.6	12.6
Utah	109.2	114.5	115.2	48.4	47.7	48.5	189.0	196.9	199.4
Provo-Orem	14.1	15.3	15.4	2.1	2.1	2.1	22.6	24.5	24.7
Salt Lake City-Ogden	69.7	72.1	72.4	36.3	36.1	39.0	130.1	134.8	136.7
Vermont	43.5	42.6	42.9	11.3	10.9	10.9	59.3	60.1	60.5
Barre-Montpelier	3.4	3.6	3.6	.8	.8	.8	5.9	6.2	6.3
Burlington	16.1	15.9	15.9	3.8	3.6	3.7	21.2	19.9	19.7
Virginia	404.3	401.5	402.4	148.5	149.8	151.7	648.7	663.7	672.2
Bristol	10.1	10.0	10.2	1.3	1.4	1.4	8.8	9.4	9.3
Charlottesville	7.8	7.8	7.8	2.4	2.4	2.5	14.2	14.7	14.5
Danville	15.7	15.8	15.3	1.1	1.1	1.1	8.7	9.2	9.3
Lynchburg	26.6	26.4	26.4	3.3	3.4	3.5	19.6	20.0	20.3
Norfolk-Virginia Beach-Newport News	68.6	66.1	66.5	28.6	29.8	30.3	142.0	141.2	144.0
Northern Virginia	39.4	39.7	39.6	52.0	51.5	51.8	192.5	198.9	201.3
Richmond-Petersburg	61.8	60.6	60.7	23.8	24.8	25.1	108.0	111.4	112.6
Roanoke	18.7	19.2	19.2	8.7	8.6	8.6	35.1	34.6	35.1
Washington	342.0	330.6	330.7	114.1	114.0	117.4	543.0	544.4	551.4
Seattle-Bellevue-Everett	206.0	194.0	194.1	69.1	68.4	70.6	269.3	273.0	277.1
West Virginia	83.1	81.0	81.8	36.6	36.7	39.4	148.4	152.2	154.8
Charleston	10.4	10.0	10.0	8.7	8.9	8.9	29.1	30.0	30.8
Huntington-Ashland	18.0	16.9	17.2	6.9	6.6	6.6	28.1	28.4	28.9
Parkersburg-Marietta	12.8	12.9	12.8	2.6	2.5	2.5	15.7	16.2	16.5
Wheeling	6.6	5.9	5.9	3.4	3.6	3.7	15.2	15.2	15.2

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	Finance, insurance, and real estate			Services			Government		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
South Carolina	66.0	66.2	66.6	334.4	346.5	349.7	301.6	306.6	306.3
Charleston-North Charleston	8.0	8.0	8.1	50.9	51.9	52.7	56.3	53.4	53.5
Columbia	18.5	18.0	18.1	55.7	56.7	56.8	70.4	70.5	70.5
Greenville-Spartanburg-Anderson	14.4	14.5	14.6	84.9	88.5	89.3	54.7	56.1	55.8
South Dakota	17.6	18.2	18.1	83.3	83.2	84.5	68.1	68.7	69.8
Rapid City	1.6	1.5	1.5	12.0	12.2	12.4	7.3	7.8	7.8
Sioux Falls	8.9	9.3	9.4	25.0	25.2	25.3	9.5	9.6	9.8
Tennessee	103.6	105.5	105.9	575.4	590.6	598.4	364.5	372.5	370.6
Chattanooga	13.3	13.9	13.9	50.2	52.4	52.8	34.0	32.8	32.5
Johnson City-Kingsport-Bristol	5.4	5.0	5.0	39.8	39.2	39.3	29.2	29.1	29.0
Knoxville	10.6	10.7	10.7	80.5	82.1	82.5	55.6	56.9	56.4
Memphis	24.9	25.5	25.4	128.9	130.6	131.1	77.8	77.7	76.6
Nashville	30.8	30.7	30.8	159.9	165.8	166.8	73.2	77.1	76.9
Texas	423.2	437.7	438.6	1,920.0	1,998.3	2,004.1	1,389.3	1,419.3	1,421.5
Abilene	1.9	1.9	1.9	15.8	16.4	16.2	9.6	9.9	9.9
Amarillo	4.1	4.1	4.1	20.0	20.2	20.6	17.2	17.5	17.6
Austin-San Marcos	25.3	26.5	26.5	120.7	123.0	123.1	123.7	126.4	125.3
Beaumont-Port Arthur	4.6	4.7	4.7	38.4	39.9	39.6	23.6	24.5	24.6
Brazoria	1.9	1.8	1.8	11.7	12.1	12.2	13.1	13.3	13.3
Brownsville-Harlingen-San Benito	3.5	3.6	3.7	20.2	22.2	22.1	20.1	21.4	21.3
Bryan-College Station	2.0	2.4	2.4	12.3	13.3	13.2	26.3	28.5	26.5
Corpus Christi	6.1	6.1	6.1	35.7	36.4	36.4	30.4	30.9	30.8
Dallas	125.8	128.4	129.0	410.1	431.4	432.9	184.0	191.0	191.2
El Paso	8.5	8.5	8.5	47.6	49.4	49.5	48.9	48.9	49.1
Ft. Worth-Arlington	28.1	28.5	28.4	155.8	163.2	164.0	85.4	85.4	86.0
Galveston-Texas City	5.6	5.7	5.7	16.7	17.2	17.3	25.0	25.1	25.1
Houston	98.3	98.2	97.5	479.2	491.6	492.3	232.1	234.7	234.3
Killeen-Temple	3.5	3.6	3.8	20.5	21.4	21.4	24.9	25.2	25.2
Laredo	1.9	2.0	2.0	8.9	9.4	9.4	11.7	12.1	12.1
Longview-Marshall	2.6	2.7	2.7	17.8	19.1	19.1	11.0	11.5	11.6
Lubbock	4.6	4.7	4.7	28.7	28.6	28.7	24.8	25.4	25.4
McAllen-Edinburg-Mission	4.0	4.1	4.2	20.9	23.1	22.9	31.5	34.1	33.5
Odessa-Midland	3.7	3.6	3.6	19.5	19.9	20.0	16.2	16.8	16.8
San Angelo	1.7	1.6	1.6	10.3	11.1	11.0	7.8	8.0	8.0
San Antonio	39.3	41.3	41.4	164.4	169.5	169.6	128.4	129.1	129.0
Sherman-Denison	2.1	2.1	2.1	9.4	9.7	9.7	5.1	5.1	5.1
Texarkana	1.8	1.9	1.9	12.6	12.6	12.7	12.1	11.7	11.6
Tyler	3.2	3.3	3.3	17.8	18.2	18.2	10.6	10.7	10.8
Victoria	1.6	1.6	1.6	8.0	8.3	8.4	6.0	6.5	6.5
Waco	5.2	5.2	5.2	23.5	24.5	23.9	14.8	15.1	14.9
Wichita Falls	2.2	2.2	2.2	13.7	14.3	14.4	10.9	11.2	11.3
Utah	40.3	45.6	46.2	207.6	223.5	221.1	163.4	165.2	167.2
Provo-Orem	2.9	3.3	3.3	40.2	46.3	43.2	16.3	17.2	17.1
Salt Lake City-Ogden	33.3	36.9	37.2	139.2	147.8	148.4	106.2	106.3	108.7
Vermont	12.0	12.0	12.0	69.5	74.6	71.9	45.8	46.0	46.3
Barre-Montpelier	2.5	2.5	2.5	7.2	7.6	7.5	7.3	7.1	7.2
Burlington	4.3	4.5	4.4	24.2	26.0	26.5	14.8	15.1	14.7
Virginia	155.5	181.7	182.8	798.9	834.5	840.8	602.9	612.8	809.8
Bristol	1.2	1.1	1.1	6.1	6.0	5.9	5.7	5.7	5.8
Charlottesville	3.9	4.0	4.1	16.9	17.1	17.2	23.2	24.2	21.5
Danville	1.4	1.4	1.4	7.9	6.5	8.4	6.0	6.2	8.3
Lynchburg	4.0	4.4	4.4	22.6	23.8	23.7	12.3	12.5	12.5
Norfolk-Virginia Beach-Newport News	26.8	28.2	28.6	167.2	171.2	172.9	144.1	143.9	143.5
Northern Virginia	52.9	54.8	55.2	304.0	320.9	324.1	178.7	175.8	176.7
Richmond-Petersburg	39.5	41.7	42.0	113.6	118.6	118.9	98.8	104.7	103.0
Roanoke	8.8	8.8	8.8	34.7	38.6	38.0	16.7	17.2	17.7
Washington	120.3	121.6	121.3	580.3	594.5	598.3	436.9	442.5	444.8
Seattle-Bellevue-Everett	74.3	74.2	74.7	299.9	305.8	307.7	167.6	170.5	171.0
West Virginia	25.1	24.9	25.3	166.4	172.6	175.5	134.8	134.5	146.6
Charleston	6.5	6.5	6.5	33.7	33.7	34.1	21.7	22.3	25.6
Huntington-Ashland	3.8	3.6	3.6	27.3	27.6	27.6	20.0	20.2	20.7
Parkersburg-Marietta	2.3	2.3	2.3	15.6	16.2	16.8	10.6	10.6	11.1
Wheeling	3.0	3.0	3.0	18.5	19.0	19.3	9.7	9.6	10.1

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Wisconsin	2,415.1	2,429.3	2,459.3	2.5	2.2	2.4	94.5	91.4	100.9
Appleton-Oshkosh-Neenah	173.2	174.2	176.0	(¹)	(¹)	(¹)	9.7	8.6	9.2
Eau Claire	61.4	62.5	63.2	(¹)	(¹)	(¹)	2.2	2.1	2.4
Green Bay	115.5	121.7	122.5	(¹)	(¹)	(¹)	5.7	5.9	6.3
Janesville-Beloit	63.1	63.8	64.8	(¹)	(¹)	(¹)	2.3	2.5	2.8
Kenosha	45.1	44.9	45.6	(¹)	(¹)	(¹)	1.9	1.7	2.0
La Crosse	63.3	63.2	64.2	(¹)	(¹)	(¹)	2.1	1.9	2.1
Madison	241.4	246.2	247.9	(¹)	(¹)	(¹)	10.0	9.8	10.8
Milwaukee-Waukesha	771.0	773.5	780.6	(¹)	(¹)	(¹)	27.7	28.2	30.4
Racine	76.6	77.6	78.8	(¹)	(¹)	(¹)	2.6	2.6	3.2
Sheboygan	53.6	55.3	55.9	(¹)	(¹)	(¹)	1.9	2.6	2.7
Wausau	56.7	56.9	57.6	(¹)	(¹)	(¹)	2.0	1.8	2.1
Wyoming	211.2	206.3	214.1	17.0	16.8	17.3	12.8	11.6	13.4
Casper	28.5	28.2	29.0	2.0	2.0	2.1	1.4	1.3	1.5
Puerto Rico	(²)	865.4	866.5	(²)	.9	.9	(²)	44.0	43.2
Caguas	(²)	56.2	56.4	(¹)	(¹)	(¹)	(²)	1.9	1.6
Mayaguez	(²)	63.4	64.3	(¹)	(¹)	(¹)	(²)	2.7	2.8
Ponce	(²)	69.1	69.6	(¹)	(¹)	(¹)	(²)	3.9	3.9
San Juan-Bayamon	(²)	539.6	539.9	(²)	.5	.5	(²)	32.2	31.9
Virgin Islands	49.8	45.6	45.3	(¹)	(¹)	(¹)	6.7	2.5	2.4

See footnotes at end of table.

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

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

(In thousands)

State and area	Manufacturing			Transportation and public utilities			Wholesale and retail trade		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Wisconsin	554.7	561.9	564.5	114.6	110.9	112.6	552.8	549.4	560.3
Appleton-Oshkosh-Neenah	55.6	56.2	56.7	6.9	6.7	6.8	36.4	36.2	36.6
Eau Claire	10.0	10.1	10.2	3.3	3.2	3.2	16.8	17.0	17.2
Green Bay	24.4	25.1	25.3	8.4	8.7	8.8	27.5	28.6	29.0
Janesville-Beloit	18.3	16.6	18.5	2.6	2.5	2.6	14.9	14.7	15.0
Kenosha	10.0	10.0	9.9	1.7	1.5	1.7	12.4	12.6	12.9
La Crosse	11.2	11.1	11.3	2.8	2.7	2.7	17.0	16.8	18.9
Madison	28.6	26.9	27.2	8.1	7.9	8.0	51.6	52.8	53.5
Milwaukee-Waukesha	166.5	167.7	166.1	37.3	35.9	36.2	169.6	168.4	170.5
Racine	23.6	24.3	24.3	2.5	2.5	2.5	16.7	16.4	16.7
Sheboygan	22.3	23.3	23.5	1.8	1.7	1.7	9.9	9.8	10.0
Wausau	15.7	15.6	15.7	3.7	3.8	3.9	13.4	13.6	13.6
Wyoming	9.1	9.4	9.5	14.4	14.4	14.4	47.8	46.6	48.2
Casper	1.5	1.5	1.5	1.6	1.5	1.6	8.3	8.1	8.3
Puerto Rico	([?])	149.8	148.6	([?])	21.2	21.2	([?])	165.1	166.2
Caguas	([?])	13.7	13.7	([?])	.6	.8	([?])	12.1	12.5
Mayaguez	([?])	18.6	19.1	([?])	.5	.5	([?])	10.3	10.6
Ponce	([?])	12.2	11.9	([?])	1.7	1.8	([?])	11.5	11.8
San Juan-Bayamon	([?])	87.4	66.9	([?])	15.1	15.0	([?])	109.9	111.6
Virgin Islands	2.8	2.9	2.9	2.7	2.7	2.7	10.5	10.8	10.9

See footnotes at end of table.

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

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

(In thousands)

State and area	Finance, insurance, and real estate			Services			Government		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Wisconsin	129.7	132.4	132.5	595.8	608.8	614.0	370.5	372.6	372.1
Appleton-Oshkosh-Neenah	8.8	8.8	8.8	38.6	37.7	37.9	19.4	20.0	19.9
Eau Claire	2.2	2.2	2.2	15.0	15.7	15.7	11.9	12.3	12.2
Green Bay	7.3	7.9	7.9	29.4	32.3	32.3	12.7	13.1	12.8
Janesville-Beloit	1.8	1.9	1.9	15.3	15.3	15.4	8.0	8.5	8.5
Kenosha	1.6	1.3	1.3	10.6	10.7	10.9	8.9	7.1	7.0
La Crosse	2.2	2.3	2.3	18.2	18.7	18.9	9.9	9.7	10.0
Madison	20.7	20.8	20.8	56.2	58.9	59.2	68.1	69.0	68.5
Milwaukee-Waukesha	52.3	53.7	53.8	226.9	231.4	232.8	90.7	88.3	88.9
Racine	2.4	2.5	2.5	19.3	20.1	20.4	9.2	9.1	9.1
Sheboygan	2.1	2.0	2.0	9.8	10.0	10.1	5.8	5.9	5.9
Wausau	4.2	4.4	4.4	10.7	10.6	10.7	7.0	7.0	7.1
Wyoming	7.6	7.7	7.7	42.6	41.0	43.6	59.9	58.8	60.0
Casper	1.1	1.2	1.1	7.2	7.2	7.3	5.4	5.4	5.6
Puerto Rico	(¹)	39.8	39.9	(²)	154.9	154.2	(²)	289.7	280.3
Caguas	(²)	1.4	1.5	(²)	10.0	9.9	(²)	18.5	16.8
Mayaguez	(²)	1.5	1.5	(²)	9.5	9.5	(²)	20.3	20.3
Ponce	(²)	1.9	1.9	(²)	14.1	14.2	(²)	23.8	24.1
San Juan-Bayamon	(²)	31.4	31.5	(²)	106.0	105.4	(²)	177.1	177.1
Virgin Islands	2.2	2.2	2.2	11.1	10.8	10.8	13.8	13.7	13.8

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Total private		34.7	34.6	34.5	34.8	34.8	-	-	-	-	-
Mining		44.3	44.2	44.5	44.8	45.3	-	-	-	-	-
Metal mining	10	42.9	43.2	43.6	43.0	-	-	-	-	-	
Iron ores	101	42.8	41.8	45.1	44.5	-	-	-	-	-	
Copper ores	102	44.5	47.1	45.3	44.1	-	-	-	-	-	
Coal mining	12	44.2	43.7	45.4	45.7	-	-	-	-	-	
Bituminous coal and lignite mining	122	44.4	43.8	45.5	45.7	-	-	-	-	-	
Oil and gas extraction	13	43.7	43.3	43.7	43.8	-	-	-	-	-	
Crude petroleum and natural gas	131	42.5	41.9	43.2	43.9	-	-	-	-	-	
Oil and gas field services	138	44.3	44.1	44.0	43.8	-	-	-	-	-	
Nonmetallic minerals, except fuels	14	47.1	47.3	46.4	47.6	-	-	-	-	-	
Crushed and broken stone	142	48.2	49.1	47.5	49.6	-	-	-	-	-	
Construction		39.2	39.3	38.3	39.7	39.7	-	-	-	-	
General building contractors	15	38.1	38.0	37.8	38.6	-	-	-	-	-	
Residential building construction	152	37.5	37.4	37.5	37.9	-	-	-	-	-	
Operative builders	153	38.7	38.5	38.7	38.8	-	-	-	-	-	
Nonresidential building construction	154	38.7	38.6	38.0	39.3	-	-	-	-	-	
Heavy construction, except building	16	43.1	43.2	41.8	44.0	-	-	-	-	-	
Highway and street construction	161	44.3	45.0	41.3	45.5	-	-	-	-	-	
Heavy construction, except highway	162	42.5	42.2	42.1	43.3	-	-	-	-	-	
Special trade contractors	17	38.6	38.6	37.6	38.9	-	-	-	-	-	
Plumbing, heating, and air conditioning	171	39.3	39.8	39.2	39.6	-	-	-	-	-	
Painting and paper hanging	172	37.5	37.7	36.5	37.6	-	-	-	-	-	
Electrical work	173	39.4	39.6	39.4	39.6	-	-	-	-	-	
Masonry, stonework, and plastering	174	36.2	36.1	35.0	36.6	-	-	-	-	-	
Carpentry and floor work	175	35.5	36.4	35.1	36.1	-	-	-	-	-	
Roofing, siding, and sheet metal work	176	36.1	35.6	33.5	36.6	-	-	-	-	-	
Manufacturing		41.3	41.4	42.0	42.0	42.1	4.0	4.1	4.5	4.5	4.7
Durable goods		42.0	42.1	42.9	42.9	43.0	4.2	4.3	4.9	4.9	5.0
Lumber and wood products	24	40.9	40.8	41.3	41.6	41.7	4.0	4.0	4.5	4.6	-
Logging	241	41.1	41.1	40.4	40.3	-	6.0	5.5	6.5	6.4	-
Sawmills and planing mills	242	42.2	42.2	42.4	42.8	-	4.8	4.8	5.1	5.1	-
Sawmills and planing mills, general	2421	42.7	42.6	42.7	43.2	-	5.2	5.1	5.4	5.5	-
Hardwood dimension and flooring mills	2426	40.6	41.0	41.3	40.8	-	3.5	3.7	3.8	3.5	-
Millwork, plywood, and structural members	243	40.3	40.1	41.1	41.4	-	3.3	3.4	4.2	4.3	-
Millwork	2431	38.9	39.3	40.1	40.6	-	2.3	2.6	3.0	3.2	-
Wood kitchen cabinets	2434	40.1	39.9	41.8	41.5	-	3.1	3.2	5.1	5.1	-
Hardwood veneer and plywood	2435	41.3	41.2	41.6	41.8	-	4.4	4.4	4.5	4.3	-
Softwood veneer and plywood	2436	43.4	41.0	42.4	43.6	-	5.1	4.3	5.3	5.5	-
Wood containers	244	39.2	39.7	39.6	40.7	-	3.4	3.5	3.7	4.0	-
Wood buildings and mobile homes	245	40.5	40.6	42.0	41.5	-	3.4	3.5	4.4	4.3	-
Mobile homes	2451	40.7	40.9	42.4	41.8	-	3.4	3.5	4.6	4.4	-
Miscellaneous wood products	249	40.4	40.3	40.7	41.0	-	3.0	3.0	3.1	3.3	-
Furniture and fixtures	25	39.4	39.7	40.1	39.9	40.6	2.7	2.8	3.1	3.0	-
Household furniture	251	38.7	38.5	39.4	38.9	-	2.3	2.2	2.8	2.5	-
Wood household furniture	2511	39.3	38.8	40.3	39.6	-	2.4	2.1	2.9	2.5	-
Upholstered household furniture	2512	37.2	37.1	37.9	36.6	-	1.6	1.5	2.1	1.6	-
Metal household furniture	2514	41.9	41.8	41.4	43.0	-	4.6	4.1	4.3	5.5	-
Mattresses and bedsprings	2515	38.2	39.6	39.0	38.9	-	2.4	3.2	2.8	2.9	-
Office furniture	252	39.9	41.7	40.9	40.6	-	2.9	3.6	3.1	2.9	-
Public building and related furniture	253	41.4	41.5	41.6	42.2	-	4.0	4.1	4.2	4.4	-
Partitions and fixtures	254	40.5	41.1	41.4	41.8	-	3.6	4.0	4.1	4.5	-
Miscellaneous furniture and fixtures	259	41.3	41.7	40.5	40.9	-	2.9	3.3	2.9	3.0	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Total private		\$10.82	\$10.76	\$11.07	\$11.09	\$11.03	\$375.45	\$372.30	\$381.92	\$385.93	\$383.84
Mining		14.73	14.59	14.96	14.91	14.75	652.54	644.88	665.72	667.97	668.18
Metal mining	10	15.22	15.28	15.86	16.04	-	652.94	660.10	691.50	689.72	-
Iron ores	101	17.32	17.93	17.28	17.29	-	741.30	749.47	779.33	769.41	-
Copper ores	102	13.86	13.91	14.39	14.25	-	616.77	655.16	651.87	628.43	-
Coal mining	12	17.34	17.15	17.63	17.65	-	766.43	749.46	800.40	806.61	-
Bituminous coal and lignite mining	122	17.52	17.33	17.83	17.85	-	777.89	759.05	811.27	815.75	-
Oil and gas extraction	13	14.31	14.22	14.36	14.25	-	625.35	615.73	627.53	624.15	-
Crude petroleum and natural gas	131	17.20	17.25	17.94	17.93	-	731.00	722.78	775.01	787.13	-
Oil and gas field services	138	12.44	12.34	12.24	12.02	-	551.09	544.19	538.56	526.48	-
Nonmetallic minerals, except fuels	14	12.66	12.66	12.99	12.98	-	596.29	598.82	602.74	617.85	-
Crushed and broken stone	142	12.09	12.10	12.35	12.49	-	582.74	594.11	586.63	619.50	-
Construction		14.33	14.24	14.49	14.59	14.56	561.74	559.63	554.97	579.22	578.03
General building contractors	15	13.58	13.45	13.86	13.83	-	517.40	511.10	523.91	533.84	-
Residential building construction	152	12.83	12.43	12.89	12.68	-	473.83	464.88	483.38	480.57	-
Operative builders	153	13.37	13.55	13.53	13.31	-	517.42	521.68	523.61	516.43	-
Nonresidential building construction	154	14.49	14.43	14.80	14.92	-	580.76	557.00	562.40	586.36	-
Heavy construction, except building	16	14.16	14.04	14.08	14.36	-	610.30	606.53	588.54	631.84	-
Highway and street construction	161	14.05	14.09	13.73	14.31	-	622.42	634.05	567.05	651.11	-
Heavy construction, except highway	162	14.21	14.01	14.23	14.39	-	603.93	591.22	599.08	623.09	-
Special trade contractors	17	14.64	14.59	14.82	14.92	-	565.10	563.17	557.23	580.39	-
Plumbing, heating, and air conditioning	171	15.00	14.96	15.15	15.25	-	589.50	595.41	593.88	603.90	-
Painting and paper hanging	172	13.34	13.29	13.60	13.87	-	500.25	501.03	496.40	521.51	-
Electrical work	173	15.83	15.88	15.96	16.13	-	623.70	628.85	628.82	638.75	-
Masonry, stonework, and plastering	174	14.71	14.64	14.94	14.99	-	532.50	528.50	522.90	548.63	-
Carpentry and floor work	175	14.40	14.20	14.65	14.68	-	511.20	516.88	514.22	529.95	-
Roofing, siding, and sheet metal work	176	12.62	12.53	12.98	13.02	-	455.58	446.07	434.83	476.53	-
Manufacturing		11.71	11.71	12.01	12.02	12.02	483.62	484.79	504.42	504.84	506.04
Durable goods		12.30	12.31	12.61	12.62	12.61	516.60	518.25	540.97	541.40	542.23
Lumber and wood products	24	9.56	9.56	9.74	9.80	9.82	391.00	390.05	402.26	407.68	409.49
Logging	241	11.45	11.30	11.39	11.59	-	470.60	464.43	460.16	467.08	-
Sawmills and planing mills	242	9.73	9.73	9.94	10.00	-	410.61	410.61	421.46	428.00	-
Sawmills and planing mills, general	2421	10.11	10.10	10.31	10.37	-	431.70	430.26	440.24	447.98	-
Hardwood dimension and flooring mills	2426	8.12	8.16	8.49	8.52	-	329.67	334.56	350.64	347.52	-
Millwork, plywood, and structural members	243	9.56	9.59	9.81	9.83	-	385.27	384.56	403.19	406.96	-
Millwork	2431	9.74	9.63	9.95	10.08	-	378.89	386.32	399.00	409.25	-
Wood kitchen cabinets	2434	8.93	8.93	9.38	9.28	-	358.09	356.31	392.08	385.12	-
Hardwood veneer and plywood	2435	8.31	8.31	8.54	8.52	-	343.20	342.37	355.26	356.14	-
Softwood veneer and plywood	2436	11.38	11.54	11.67	11.70	-	493.89	473.14	494.81	510.12	-
Wood containers	244	7.01	6.96	7.28	7.29	-	274.79	276.31	288.29	296.70	-
Wood buildings and mobile homes	245	9.32	9.31	9.68	9.81	-	377.46	377.99	406.56	407.12	-
Mobile homes	2451	9.37	9.35	9.74	9.87	-	381.36	382.42	412.98	412.57	-
Miscellaneous wood products	249	8.99	9.00	9.09	9.10	-	363.20	362.70	369.96	373.10	-
Furniture and fixtures	25	9.17	9.23	9.46	9.47	9.49	361.30	366.43	379.35	377.85	385.29
Household furniture	251	8.61	8.67	8.96	8.97	-	333.21	333.80	353.02	348.93	-
Wood household furniture	2511	8.04	8.07	8.45	8.43	-	315.97	313.12	340.54	333.83	-
Upholstered household furniture	2512	9.36	9.39	9.75	9.77	-	348.19	348.37	369.53	357.58	-
Metal household furniture	2514	8.56	8.78	8.58	8.74	-	358.66	367.00	355.21	375.82	-
Mattresses and bedsprings	2515	9.13	9.31	9.32	9.44	-	348.77	368.68	363.48	367.22	-
Office furniture	252	9.88	10.03	10.21	10.26	-	394.21	418.25	417.59	416.56	-
Public building and related furniture	253	9.73	9.57	9.77	9.68	-	402.82	397.16	406.43	408.50	-
Partitions and fixtures	254	10.47	10.47	10.63	10.59	-	424.04	430.32	440.06	442.66	-
Miscellaneous furniture and fixtures	259	9.51	9.54	9.67	9.70	-	392.76	397.82	391.64	396.73	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Durable goods—Continued											
Stone, clay, and glass products	32	43.1	43.2	43.4	44.1	44.2	5.3	5.5	5.6	6.1	-
Flat glass	321	46.4	46.1	47.6	48.4	-	7.6	8.1	9.2	9.2	-
Glass and glassware, pressed or blown	322	42.5	42.2	43.1	42.4	-	4.4	4.6	4.5	4.5	-
Glass containers	3221	43.6	43.4	43.9	43.2	-	5.5	5.9	5.6	5.8	-
Pressed and blown glass, nec	3229	41.4	41.1	42.3	41.7	-	3.3	3.4	3.4	3.4	-
Products of purchased glass	323	41.5	41.8	44.0	43.9	-	3.0	3.4	4.3	4.4	-
Cement, hydraulic	324	42.5	42.1	42.7	43.5	-	4.1	4.0	4.4	4.6	-
Structural clay products	325	41.8	41.9	42.2	41.9	-	3.8	3.6	4.4	4.3	-
Pottery and related products	326	41.7	41.1	41.5	41.1	-	3.2	3.4	4.4	4.0	-
Concrete, gypsum, and plaster products	327	44.7	44.9	44.0	46.3	-	7.5	7.8	7.2	8.4	-
Concrete block and brick	3271	45.6	46.1	46.3	47.6	-	7.9	8.3	7.6	8.7	-
Concrete products, nec	3272	43.7	43.8	43.8	44.3	-	5.8	6.1	6.2	6.3	-
Ready-mixed concrete	3273	44.9	45.2	43.2	47.0	-	8.4	8.7	7.4	9.7	-
Misc. nonmetallic mineral products	329	42.5	42.8	43.3	42.7	-	4.6	4.6	5.1	4.8	-
Abrasive products	3291	43.0	43.0	44.4	43.6	-	3.9	3.9	4.8	4.2	-
Asbestos products	3292	43.5	42.6	42.0	41.5	-	6.6	5.8	4.0	4.9	-
Primary metal industries	33	43.6	43.8	44.6	44.8	44.6	5.5	5.7	6.4	6.5	-
Blast furnaces and basic steel products	331	44.0	44.5	44.7	44.8	45.0	5.7	5.9	6.0	6.2	-
Blast furnaces and steel mills	3312	44.2	44.8	44.9	45.0	-	5.9	6.1	6.2	6.4	-
Steel pipe and tubes	3317	43.7	44.0	43.7	43.2	-	4.8	5.3	5.3	5.2	-
Iron and steel foundries	332	44.1	44.8	45.8	46.0	-	5.6	6.3	7.8	7.9	-
Gray and ductile iron foundries	3321	44.6	45.2	46.5	46.6	-	6.1	6.9	9.0	8.9	-
Malleable iron foundries	3322	43.7	45.3	46.8	47.2	-	9.1	10.5	9.4	9.1	-
Steel foundries, nec	3325	42.9	43.4	44.6	44.5	-	4.6	4.5	5.7	5.6	-
Primary nonferrous metals	333	42.8	43.0	43.3	43.0	-	5.1	5.2	5.4	5.1	-
Primary aluminum	3334	42.5	42.4	42.4	42.7	-	5.1	4.9	4.8	4.6	-
Nonferrous rolling and drawing	335	44.3	43.8	45.2	45.2	-	6.3	6.4	7.2	7.0	-
Copper rolling and drawing	3351	44.3	42.5	44.8	45.0	-	6.8	6.4	7.9	8.0	-
Aluminum sheet, plate, and foil	3353	47.2	45.2	46.9	45.7	-	7.9	7.7	8.0	7.0	-
Nonferrous wire drawing and insulating	3357	43.1	43.0	44.6	44.7	-	5.8	5.7	6.5	6.4	-
Nonferrous foundries (castings)	336	41.2	41.2	43.1	43.2	-	3.8	3.7	5.1	5.2	-
Aluminum foundries	3365	41.2	40.5	43.1	42.7	-	3.7	3.3	5.4	4.8	-
Fabricated metal products	34	41.9	42.2	42.7	42.8	43.0	4.1	4.3	4.8	4.9	-
Metal cans and shipping containers	341	44.1	44.9	43.4	44.6	-	5.5	6.3	5.9	6.6	-
Metal cans	3411	43.8	44.9	43.2	44.0	-	5.2	6.2	5.7	6.2	-
Cutlery, handtools, and hardware	342	41.1	41.9	42.3	42.1	-	3.2	3.8	4.1	4.0	-
Hand and edge tools, and blades and handsaws	3423,5	40.9	41.8	42.1	41.8	-	3.1	3.4	4.0	3.7	-
Hardware, nec	3429	40.9	41.6	42.2	42.0	-	3.1	3.9	4.0	4.0	-
Plumbing and heating, except electric	343	41.5	41.6	41.9	41.4	-	3.3	3.3	4.0	3.7	-
Plumbing fixture fittings and trim	3432	40.9	40.3	42.1	41.3	-	2.9	2.4	4.5	4.1	-
Heating equipment, except electric	3433	39.6	40.9	40.9	41.2	-	2.1	2.8	3.1	3.1	-
Fabricated structural metal products	344	41.1	41.5	41.6	41.9	-	3.8	4.1	4.3	4.4	-
Fabricated structural metal	3441	41.6	41.5	42.8	42.6	-	4.2	4.3	5.5	5.2	-
Metal doors, sash, and trim	3442	39.9	40.8	40.3	40.8	-	3.1	3.7	3.2	3.5	-
Fabricated plate work (boiler shops)	3443	42.3	42.4	42.2	42.4	-	4.6	4.6	4.7	4.8	-
Sheet metal work	3444	40.3	40.9	41.0	41.4	-	3.3	3.7	3.8	4.0	-
Architectural metal work	3446	40.1	40.7	40.4	41.6	-	3.2	3.4	3.5	3.8	-
Screw machine products, bolts, etc	345	42.2	42.4	43.1	43.2	-	4.7	4.7	5.7	5.7	-
Screw machine products	3451	41.8	42.1	42.8	42.8	-	4.3	4.4	5.2	5.4	-
Bolts, nuts, rivets, and washers	3452	42.7	42.7	43.4	43.7	-	5.1	5.0	6.2	6.1	-
Metal forgings and stampings	346	43.9	43.4	45.2	45.4	-	5.3	5.0	6.4	6.5	-
Iron and steel forgings	3462	42.4	42.4	43.6	42.8	-	4.4	4.3	5.4	5.2	-
Automotive stampings	3465	45.8	44.6	46.9	47.6	-	6.8	6.0	7.7	8.0	-
Metal stampings, nec	3469	41.6	41.7	43.3	43.1	-	3.5	3.7	4.8	4.8	-
Metal services, nec	347	40.9	41.2	41.3	41.6	-	3.9	4.0	4.3	4.6	-
Plating and polishing	3471	40.6	40.7	40.9	41.3	-	3.5	3.7	3.9	4.2	-
Metal coating and allied services	3479	41.3	42.1	42.0	42.1	-	4.5	4.6	5.0	5.2	-
Ordnance and accessories, nec	348	41.3	41.7	41.9	42.0	-	3.3	3.6	3.9	4.0	-
Ammunition, except for small arms, nec	3483	40.1	40.6	40.4	41.0	-	2.5	2.9	2.5	2.6	-
Misc. fabricated metal products	349	41.7	42.2	42.9	42.8	-	3.6	3.8	4.5	4.6	-
Valves and pipe fittings, nec	3494	41.5	41.9	42.7	43.0	-	3.3	3.5	4.4	4.4	-
Misc. fabricated wire products	3496	41.3	41.8	42.7	42.5	-	3.3	3.8	4.0	4.0	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Durable goods—Continued											
Stone, clay, and glass products	32	\$11.81	\$11.83	\$12.02	\$12.10	\$12.13	\$509.01	\$511.06	\$521.67	\$533.61	\$536.15
Flat glass	321	17.29	17.49	18.25	18.21	-	802.26	808.29	868.70	881.38	-
Glass and glassware, pressed or blown	322	13.31	13.35	13.66	13.75	-	565.68	563.37	588.75	583.00	-
Glass containers	3221	13.71	13.78	14.03	14.23	-	597.76	598.05	615.92	614.74	-
Pressed and blown glass, nec	3229	12.90	12.92	13.31	13.30	-	534.06	531.01	563.01	554.61	-
Products of purchased glass	323	10.31	10.30	10.65	10.66	-	427.87	430.54	468.60	467.97	-
Cement, hydraulic	324	14.99	14.89	15.35	15.41	-	637.08	628.87	655.45	870.34	-
Structural clay products	325	10.31	10.36	10.64	10.66	-	428.90	434.08	449.01	447.49	-
Pottery and related products	326	9.87	10.09	10.49	10.51	-	411.58	414.70	435.34	431.96	-
Concrete, gypsum, and plaster products	327	11.38	11.36	11.46	11.62	-	508.69	510.06	504.24	538.01	-
Concrete block and brick	3271	10.71	10.70	10.80	11.14	-	488.38	493.27	500.04	530.26	-
Concrete products, nec	3272	10.12	10.13	10.28	10.28	-	442.24	443.69	450.26	455.40	-
Ready-mixed concrete	3273	12.10	12.05	12.12	12.33	-	543.29	544.66	523.58	579.51	-
Misc. nonmetallic mineral products	329	12.34	12.34	12.31	12.42	-	524.45	528.15	533.02	530.33	-
Abrasive products	3291	10.70	10.73	10.89	10.79	-	460.10	461.39	483.52	470.44	-
Asbestos products	3292	13.38	13.37	14.44	14.89	-	562.03	569.56	606.48	609.64	-
Primary metal industries	33	13.93	14.01	14.20	14.21	14.32	607.35	613.64	633.32	636.61	638.67
Blast furnaces and basic steel products	331	16.25	16.50	16.65	16.72	16.88	715.00	734.25	744.26	749.06	759.60
Blast furnaces and steel mills	3312	17.38	17.66	17.91	17.98	-	768.20	791.17	804.16	809.10	-
Steel pipe and tubes	3317	12.63	12.74	13.12	13.21	-	551.93	560.56	573.34	570.67	-
Iron and steel foundries	332	12.44	12.47	13.16	13.14	-	548.60	558.66	602.73	604.44	-
Gray and ductile iron foundries	3321	13.04	13.06	14.00	13.97	-	581.58	590.31	651.00	651.00	-
Malleable iron foundries	3322	13.69	13.99	14.75	14.95	-	598.25	633.75	690.30	705.64	-
Steel foundries, nec	3325	11.55	11.51	11.78	11.84	-	495.50	499.53	525.39	526.88	-
Primary nonferrous metals	333	15.05	15.16	15.27	15.35	-	644.14	651.88	661.19	660.05	-
Primary aluminum	3334	15.25	15.41	15.32	15.35	-	648.13	653.38	649.57	655.45	-
Nonferrous rolling and drawing	335	13.22	13.15	13.35	13.35	-	585.85	575.97	603.42	603.42	-
Copper rolling and drawing	3351	12.75	12.91	13.16	13.32	-	564.83	548.68	589.57	599.40	-
Aluminum sheet, plate, and foil	3353	15.77	15.60	15.52	15.62	-	744.34	705.12	727.89	713.83	-
Nonferrous wire drawing and insulating	3357	13.23	13.07	13.47	13.44	-	570.21	562.01	600.76	600.77	-
Nonferrous foundries (castings)	336	11.14	11.11	11.39	11.36	-	458.97	457.73	490.91	490.75	-
Aluminum foundries	3365	10.62	10.65	10.79	10.60	-	437.54	431.33	465.05	452.62	-
Fabricated metal products	34	11.69	11.69	11.90	11.89	11.90	489.81	493.32	508.13	508.89	511.70
Metal cans and shipping containers	341	15.06	15.22	15.41	15.37	-	664.15	683.38	668.79	685.50	-
Metal cans	3411	16.07	16.23	16.53	16.54	-	703.87	728.73	714.10	727.76	-
Cutlery, handtools, and hardware	342	11.55	11.64	11.85	11.63	-	474.71	487.72	501.26	498.04	-
Hand and edge tools, and blades and handsaws	3423,5	10.91	10.98	11.13	11.08	-	446.22	458.96	468.57	463.14	-
Hardware, nec	3429	11.57	11.70	11.82	11.81	-	473.21	486.72	498.80	496.02	-
Plumbing and heating, except electric	343	10.33	10.45	10.38	10.44	-	428.70	434.72	434.92	432.22	-
Plumbing fixture fittings and trim	3432	9.79	9.77	9.71	9.64	-	400.41	393.73	408.79	406.39	-
Heating equipment, except electric	3433	10.42	10.61	10.77	10.66	-	412.63	433.95	440.49	439.19	-
Fabricated structural metal products	344	10.88	10.90	10.96	10.94	-	447.17	452.35	455.94	458.39	-
Fabricated structural metal	3441	10.71	10.74	10.99	10.93	-	445.54	445.71	470.37	465.62	-
Metal doors, sash, and trim	3442	9.15	9.23	9.22	9.24	-	365.09	376.58	371.57	376.99	-
Fabricated plate work (boiler shops)	3443	12.33	12.33	12.40	12.35	-	521.56	522.79	523.28	523.64	-
Sheet metal work	3444	11.07	11.11	11.20	11.24	-	446.12	454.40	459.20	465.34	-
Architectural metal work	3446	10.17	10.14	10.17	10.08	-	407.82	412.70	410.87	419.33	-
Screw machine products, bolts, etc	345	11.55	11.46	11.78	11.76	-	487.41	485.90	507.72	508.03	-
Screw machine products	3451	10.73	10.65	11.01	10.99	-	448.51	448.37	471.23	470.37	-
Bolts, nuts, rivets, and washers	3452	12.46	12.35	12.66	12.62	-	532.04	527.35	549.44	551.49	-
Metal forgings and stampings	346	14.11	14.02	14.44	14.39	-	619.43	608.47	652.69	653.31	-
Iron and steel forgings	3482	13.65	13.52	13.86	13.75	-	578.76	573.25	604.30	588.50	-
Automotive stampings	3465	16.23	16.09	16.64	16.51	-	743.33	717.61	780.42	785.88	-
Metal stampings, nec	3469	11.01	11.07	11.24	11.24	-	458.02	461.62	486.69	484.44	-
Metal services, nec	347	9.66	9.67	9.79	9.84	-	395.09	398.40	404.33	409.34	-
Plating and polishing	3471	9.67	9.70	9.86	9.91	-	392.60	394.79	403.27	409.28	-
Metal coating and allied services	3479	9.65	9.62	9.67	9.72	-	398.55	405.00	406.14	409.21	-
Ordnance and accessories, nec	348	13.32	13.30	13.71	13.68	-	550.12	554.61	574.45	574.56	-
Ammunition, except for small arms, nec	3483	13.54	13.44	13.99	14.01	-	542.95	545.66	565.20	574.41	-
Misc. fabricated metal products	349	10.76	10.83	11.07	11.08	-	448.69	457.03	474.90	474.22	-
Valves and pipe fittings, nec	3494	11.19	11.21	11.41	11.42	-	464.39	469.70	487.21	491.06	-
Misc. fabricated wire products	3496	9.62	9.69	9.87	9.77	-	397.31	405.04	421.45	415.23	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Durable goods—Continued											
Industrial machinery and equipment	35	42.8	42.9	43.7	43.7	43.7	4.4	4.6	5.3	5.3	-
Engines and turbines	351	44.3	44.2	44.6	44.6	-	4.9	5.1	5.6	5.8	-
Turbines and turbine generator sets	3511	43.7	44.3	42.3	42.8	-	5.0	5.4	4.8	4.9	-
Internal combustion engines, nec	3519	44.5	44.1	45.6	45.4	-	4.8	5.0	6.0	6.2	-
Farm and garden machinery	352	42.4	42.5	45.0	44.2	-	4.0	3.6	6.0	5.5	-
Farm machinery and equipment	3523	42.8	43.5	45.0	43.7	-	3.9	4.3	6.1	5.5	-
Construction and related machinery	353	43.6	43.8	44.3	44.0	-	4.9	4.9	5.6	5.5	-
Construction machinery	3531	44.1	44.3	44.7	44.1	-	5.1	4.6	6.2	5.9	-
Mining machinery	3532	40.8	40.0	42.4	43.2	-	3.7	3.5	4.2	4.4	-
Oil and gas field machinery	3533	46.2	46.8	47.5	46.5	-	6.0	6.6	6.6	6.1	-
Conveyors and conveying equipment	3535	43.1	43.2	43.3	43.6	-	5.0	5.5	5.6	5.6	-
Industrial trucks and tractors	3537	40.7	40.8	41.6	41.9	-	3.3	3.5	4.5	4.5	-
Metalworking machinery	354	43.3	43.3	43.8	44.0	-	5.2	5.2	6.0	5.9	-
Machine tools, metal cutting types	3541	42.8	42.7	44.6	44.9	-	4.3	4.3	6.1	6.1	-
Machine tools, metal forming types	3542	43.7	43.2	44.5	44.9	-	4.7	4.7	5.6	6.0	-
Special dies, tools, jigs, and fixtures	3544	43.9	43.9	44.2	44.2	-	6.1	6.1	6.6	6.4	-
Machine tool accessories	3545	42.1	42.2	43.3	43.2	-	3.7	3.8	4.9	4.8	-
Power driven handtools	3546	43.4	42.2	42.3	41.9	-	4.2	3.9	4.3	3.7	-
Special industry machinery	355	42.5	42.6	43.6	43.7	-	4.5	4.8	5.5	5.3	-
Textile machinery	3552	42.4	41.8	42.0	41.7	-	4.2	4.2	4.4	3.9	-
Printing trades machinery	3555	40.8	41.7	43.1	43.2	-	4.0	4.6	5.3	5.4	-
Food products machinery	3556	42.1	42.4	43.5	43.4	-	4.1	4.6	5.4	5.2	-
General industrial machinery	356	42.6	42.6	43.5	43.8	-	4.3	4.6	5.1	5.3	-
Pumps and pumping equipment	3561	42.1	42.6	44.2	44.4	-	4.0	4.3	5.6	5.4	-
Ball and roller bearings	3562	43.2	42.7	44.8	45.0	-	5.2	5.6	6.8	7.0	-
Air and gas compressors	3563	43.1	43.9	44.9	45.5	-	4.3	4.7	5.7	6.0	-
Blowers and fans	3564	41.1	41.3	41.6	42.1	-	3.3	3.8	3.1	3.6	-
Speed changers, drives, and gears	3566	43.6	43.3	42.5	43.7	-	5.9	6.0	5.8	7.0	-
Power transmission equipment, nec	3568	42.5	42.3	44.0	43.5	-	3.8	3.7	5.2	5.3	-
Computer and office equipment	357	41.9	41.9	42.6	42.8	-	2.9	3.3	3.4	3.2	-
Electronic computers	3571	41.7	41.8	42.8	42.9	-	2.6	3.1	3.4	2.9	-
Computer terminals, calculators, and office machines, nec	3575,8,9	41.3	42.0	42.0	42.3	-	3.0	3.7	3.2	3.3	-
Refrigeration and service machinery	356	43.0	43.3	44.1	44.1	-	4.3	4.7	5.3	5.4	-
Refrigeration and heating equipment	3585	43.6	44.2	45.2	45.2	-	4.7	5.2	6.0	6.0	-
Misc. industrial and commercial machinery	359	42.5	42.4	43.0	43.1	-	4.5	4.6	5.2	5.2	-
Carburetors, pistons, rings, valves	3592	42.7	43.6	43.1	42.7	-	4.7	5.1	5.9	5.7	-
Scales, balances, and industrial machinery, nec	3596,9	42.6	42.4	43.1	43.2	-	4.7	4.7	5.3	5.2	-
Electronic and other electrical equipment	36	41.6	41.5	42.3	42.1	42.3	3.6	3.7	4.2	4.1	-
Electric distribution equipment	361	41.6	42.0	41.9	42.0	-	3.6	4.1	3.7	3.8	-
Transformers, except electronic	3612	41.1	42.0	42.0	41.8	-	3.7	4.2	3.6	3.5	-
Switchgear and switchboard apparatus	3613	42.1	41.9	41.8	42.3	-	3.5	3.9	3.8	4.2	-
Electrical industrial apparatus	362	42.0	42.3	42.9	42.8	-	3.4	3.6	4.5	4.4	-
Motors and generators	3621	42.2	42.5	43.5	43.5	-	3.5	3.8	4.9	4.9	-
Relays and industrial controls	3625	41.5	41.5	41.6	41.2	-	2.8	3.0	3.6	3.4	-
Household appliances	363	40.6	40.2	42.3	41.0	-	3.1	2.5	3.8	2.8	-
Household refrigerators and freezers	3632	41.5	40.6	44.5	41.2	-	3.1	2.4	5.3	2.4	-
Household laundry equipment	3633	39.9	39.7	42.2	41.2	-	1.9	1.7	3.2	2.3	-
Electric housewares and fans	3634	40.7	40.7	41.1	41.9	-	3.2	2.8	2.4	3.0	-
Electric lighting and wiring equipment	364	41.1	41.2	42.4	42.5	-	3.3	3.4	4.1	4.2	-
Electric lamps	3641	44.4	43.7	47.4	47.6	-	4.0	3.9	6.1	6.0	-
Current-carrying wiring devices	3643	40.0	40.0	41.6	41.4	-	2.7	2.8	3.7	3.7	-
Noncurrent-carrying wiring devices	3644	40.9	41.7	42.6	43.4	-	2.1	2.8	3.4	3.4	-
Residential lighting fixtures	3645	38.0	38.4	38.8	38.5	-	1.9	1.8	2.2	2.2	-
Household audio and video equipment	365	41.5	40.8	41.5	41.0	-	3.8	3.7	4.2	4.4	-
Household audio and video equipment	3651	40.7	40.5	41.2	41.3	-	2.9	3.3	3.8	4.1	-
Communications equipment	366	42.1	42.2	42.4	42.4	-	3.1	3.3	3.7	3.6	-
Telephone and telegraph apparatus	3661	43.2	43.1	43.8	43.6	-	3.4	3.3	4.6	4.2	-
Electronic components and accessories	367	41.5	41.4	41.9	41.8	-	4.0	4.1	4.1	4.2	-
Electron tubes	3671	41.9	40.9	42.4	41.6	-	3.7	4.1	4.9	4.9	-
Semiconductors and related devices	3674	42.6	42.4	42.4	42.2	-	4.8	5.0	4.4	4.6	-
Electronic components, nec	3679	39.9	40.1	41.1	40.8	-	3.2	3.2	3.5	3.6	-
Misc. electrical equipment and supplies	369	42.1	42.0	43.1	43.2	-	4.3	4.3	5.2	5.0	-
Storage batteries	3691	43.1	42.2	43.7	43.8	-	3.8	3.8	5.5	5.7	-
Engine electrical equipment	3694	42.6	42.4	43.8	43.9	-	5.0	5.1	5.9	5.7	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Durable goods—Continued											
Industrial machinery and equipment	35	\$12.65	\$12.67	\$12.93	\$12.94	\$12.95	\$541.42	\$543.54	\$565.04	\$565.48	\$565.92
Engines and turbines	351	15.98	16.11	16.37	16.36	-	707.91	712.06	730.10	729.66	-
Turbines and turbine generator sets	3511	16.51	16.59	17.06	16.92	-	721.49	734.94	721.64	724.18	-
Internal combustion engines, nec	3519	15.76	15.90	16.10	16.14	-	701.32	701.19	734.16	732.76	-
Farm and garden machinery	352	11.96	11.86	12.38	12.27	-	507.10	504.05	557.10	542.33	-
Farm machinery and equipment	3523	13.02	12.85	13.40	13.41	-	557.26	558.98	603.00	586.02	-
Construction and related machinery	353	12.87	12.87	13.05	13.02	-	561.13	563.71	578.12	572.88	-
Construction machinery	3531	14.38	14.43	14.54	14.41	-	634.16	639.25	649.94	635.48	-
Mining machinery	3532	12.91	12.93	13.16	13.39	-	526.73	517.20	557.98	578.45	-
Oil and gas field machinery	3533	11.70	11.66	11.84	11.87	-	540.54	545.69	562.40	551.96	-
Conveyors and conveying equipment	3535	11.76	11.85	12.28	12.10	-	506.86	511.92	531.72	527.56	-
Industrial trucks and tractors	3537	11.22	11.11	11.20	11.26	-	456.65	453.29	465.92	471.79	-
Metalworking machinery	354	13.28	13.29	13.53	13.57	-	575.02	575.46	592.61	597.08	-
Machine tools, metal cutting types	3541	13.53	13.57	13.86	13.90	-	579.08	579.44	618.16	624.11	-
Machine tools, metal forming types	3542	13.39	13.40	13.75	13.87	-	585.14	578.88	611.88	622.76	-
Special dies, tools, jigs, and fixtures	3544	13.83	13.86	14.07	14.07	-	607.14	608.45	621.89	621.89	-
Machine tool accessories	3545	11.77	11.75	11.91	11.94	-	495.52	495.85	515.70	515.81	-
Power driven handtools	3546	10.95	11.02	11.16	11.22	-	475.23	465.04	472.07	470.12	-
Special industry machinery	355	13.06	13.12	13.42	13.40	-	555.05	558.91	585.11	585.58	-
Textile machinery	3552	11.14	11.25	11.55	11.53	-	472.34	470.25	485.10	480.80	-
Printing trades machinery	3555	14.56	14.69	15.15	15.42	-	594.05	612.57	652.97	666.14	-
Food products machinery	3556	12.64	12.93	13.08	12.96	-	532.14	548.23	568.98	562.46	-
General industrial machinery	356	12.40	12.39	12.66	12.71	-	528.24	527.81	550.71	556.70	-
Pumps and pumping equipment	3561	13.11	13.02	13.67	13.65	-	551.93	554.65	604.21	606.06	-
Ball and roller bearings	3562	13.54	13.64	13.83	14.11	-	584.93	582.43	619.58	634.95	-
Air and gas compressors	3563	12.41	12.33	12.89	13.02	-	534.87	541.29	578.76	592.41	-
Blowers and fans	3564	10.50	10.55	10.46	10.48	-	431.55	435.72	435.14	441.21	-
Speed changers, drives, and gears	3566	13.34	13.28	13.76	13.60	-	581.62	575.02	584.80	594.32	-
Power transmission equipment, nec	3568	12.16	12.18	12.74	12.70	-	516.80	515.21	560.56	552.45	-
Computer and office equipment	357	12.36	12.41	12.98	13.10	-	517.88	519.98	552.95	560.68	-
Electronic computers	3571	13.38	13.41	14.05	14.26	-	557.95	560.54	601.34	611.75	-
Computer terminals, calculators, and office machines, nec	3575,8,9	12.37	12.60	12.88	12.98	-	510.88	529.20	540.96	549.05	-
Refrigeration and service machinery	358	11.43	11.53	11.55	11.58	-	491.49	499.25	509.36	510.68	-
Refrigeration and heating equipment	3585	11.56	11.66	11.71	11.76	-	504.02	515.37	529.29	531.55	-
Misc. industrial and commercial machinery	359	12.15	12.16	12.36	12.36	-	516.38	515.58	531.48	532.72	-
Carburetors, pistons, rings, valves	3592	13.30	13.37	13.45	13.44	-	567.91	582.93	579.70	573.89	-
Scales, balances, and industrial machinery, nec	3596,9	11.83	11.83	12.05	12.04	-	503.96	501.59	519.36	520.13	-
Electronic and other electrical equipment	36	11.18	11.25	11.46	11.49	11.47	465.09	466.88	484.76	483.73	485.18
Electric distribution equipment	361	10.88	10.92	11.19	11.34	-	452.61	458.64	468.86	476.28	-
Transformers, except electronic	3612	10.22	10.30	10.61	10.72	-	420.04	432.60	445.62	448.10	-
Switchgear and switchboard apparatus	3613	11.58	11.59	11.83	12.00	-	487.52	485.62	494.49	507.60	-
Electrical industrial apparatus	362	10.58	10.65	10.83	10.83	-	444.36	450.50	464.61	463.52	-
Motors and generators	3621	9.91	9.94	10.09	10.12	-	418.20	422.45	438.92	440.22	-
Relays and industrial controls	3625	11.78	11.91	12.28	12.29	-	488.87	494.27	510.85	506.35	-
Household appliances	363	10.38	10.29	10.66	10.72	-	421.43	413.66	450.92	439.52	-
Household refrigerators and freezers	3632	11.59	11.28	11.60	11.84	-	480.99	457.97	516.20	487.81	-
Household laundry equipment	3633	12.64	12.54	13.30	13.24	-	504.34	497.84	561.26	545.49	-
Electric housewares and fans	3634	8.07	8.15	8.36	8.34	-	328.45	331.71	343.60	349.45	-
Electric lighting and wiring equipment	364	11.06	11.10	11.27	11.31	-	454.57	457.32	477.85	480.68	-
Electric lamps	3641	11.46	11.44	12.00	11.80	-	508.82	499.93	568.80	561.68	-
Current-carrying wiring devices	3643	10.82	10.83	11.02	11.16	-	432.80	433.20	458.43	462.02	-
Noncurrent-carrying wiring devices	3644	10.51	10.53	10.48	10.49	-	429.86	439.10	446.45	455.27	-
Residential lighting fixtures	3645	8.34	8.48	8.45	8.43	-	316.92	325.63	327.86	324.56	-
Household audio and video equipment	365	10.97	10.96	11.42	11.69	-	455.26	447.17	473.93	479.29	-
Household audio and video equipment	3651	11.32	11.29	11.99	12.26	-	460.72	457.25	493.99	506.34	-
Communications equipment	366	11.60	11.68	12.29	12.27	-	488.36	492.90	521.10	520.25	-
Telephone and telegraph apparatus	3661	12.38	12.56	13.75	13.64	-	534.82	541.34	602.25	594.70	-
Electronic components and accessories	367	11.14	11.33	11.28	11.27	-	462.31	469.06	472.63	471.09	-
Electron tubes	3671	13.17	13.14	13.27	13.33	-	551.82	537.43	562.65	554.53	-
Semiconductors and related devices	3674	14.19	14.77	14.25	14.18	-	604.49	626.25	604.20	598.40	-
Electronic components, nec	3679	9.51	9.53	9.58	9.62	-	379.45	382.15	393.74	392.50	-
Misc. electrical equipment and supplies	369	12.57	12.49	12.87	12.79	-	529.20	524.58	554.70	552.53	-
Storage batteries	3691	13.40	13.53	14.06	13.94	-	577.54	570.97	614.42	610.57	-
Engine electrical equipment	3694	13.42	13.21	13.45	13.35	-	571.69	560.10	589.11	586.07	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Durable goods—Continued											
Transportation equipment	37	43.0	43.0	44.5	44.6	44.3	5.0	5.1	6.3	6.3	-
Motor vehicles and equipment	371	44.7	44.7	46.4	46.5	46.0	6.3	6.3	7.8	7.9	-
Motor vehicles and car bodies	3711	44.4	44.2	47.0	47.0	-	6.4	6.4	8.7	8.8	-
Truck and bus bodies	3713	44.3	44.8	45.9	45.3	-	5.0	5.4	6.8	6.3	-
Motor vehicle parts and accessories	3714	45.2	45.3	46.5	46.8	-	6.6	6.7	7.7	7.8	-
Truck trailers	3715	42.5	43.1	43.4	42.8	-	4.4	4.8	5.2	4.6	-
Aircraft and parts	372	41.2	41.3	41.7	41.8	-	3.6	3.7	4.1	4.3	-
Aircraft	3721	40.5	40.8	40.8	41.0	-	3.4	3.6	3.8	3.8	-
Aircraft engines and engine parts	3724	42.0	42.5	42.5	42.6	-	4.1	4.2	4.4	4.7	-
Aircraft parts and equipment, nec	3728	41.9	41.3	42.5	42.5	-	3.5	3.5	4.4	4.7	-
Ship and boat building and repairing	373	39.8	39.6	41.7	41.7	-	2.8	2.7	3.7	3.6	-
Ship building and repairing	3731	40.0	39.9	42.1	42.1	-	2.6	2.5	3.5	3.4	-
Boat building and repairing	3732	39.4	39.0	41.0	41.0	-	3.1	3.1	3.9	4.0	-
Railroad equipment	374	42.1	43.0	43.7	44.1	-	3.1	4.1	4.1	4.3	-
Guided missiles, space vehicles, and parts	376	41.0	41.0	41.9	41.7	-	2.7	2.8	3.2	3.2	-
Guided missiles and space vehicles	3761	41.4	41.3	42.2	42.2	-	3.2	3.3	2.9	3.1	-
Misc. transportation equipment	379	40.3	40.0	41.1	39.9	-	3.1	3.2	4.2	2.9	-
Travel trailers and campers	3792	39.1	39.1	38.9	38.2	-	2.1	2.7	3.0	2.0	-
Instruments and related products	38	41.0	41.3	41.5	41.6	41.8	2.6	2.7	3.0	3.1	-
Search and navigation equipment	381	40.9	40.7	41.7	41.4	-	1.8	1.9	2.1	2.0	-
Measuring and controlling devices	382	41.0	41.4	42.0	42.2	-	2.2	2.5	2.9	3.0	-
Environmental controls	3822	40.0	41.1	42.3	42.3	-	2.5	3.0	3.3	3.5	-
Process control instruments	3823	41.2	40.9	42.0	42.4	-	2.3	2.2	2.5	2.8	-
Instruments to measure electricity	3825	41.9	41.8	41.6	42.2	-	1.9	2.2	2.2	2.4	-
Medical instruments and supplies	384	40.9	41.1	40.9	40.9	-	2.7	2.9	3.2	3.2	-
Surgical and medical instruments	3841	42.1	42.1	40.7	41.1	-	3.1	3.3	3.3	3.5	-
Surgical appliances and supplies	3842	39.7	40.1	40.8	40.4	-	2.5	2.5	3.0	2.7	-
Ophthalmic goods	385	39.7	40.0	39.7	39.3	-	2.6	2.3	2.5	2.3	-
Photographic equipment and supplies	386	42.8	42.8	43.2	43.3	-	4.9	4.4	4.7	4.9	-
Watches, clocks, watchcases, and parts	387	41.8	41.8	41.4	41.9	-	2.4	2.5	2.4	3.0	-
Miscellaneous manufacturing industries	39	39.6	39.5	40.2	40.0	40.0	2.5	2.5	3.1	2.9	-
Jewelry, silverware, and plated ware	391	37.7	38.1	38.9	38.5	-	1.5	1.7	2.3	2.1	-
Jewelry, precious metal	3911	37.2	37.6	38.6	38.2	-	1.4	1.5	2.4	2.1	-
Musical instruments	393	39.7	39.0	40.8	40.8	-	2.1	1.6	3.0	2.9	-
Toys and sporting goods	394	40.3	39.7	40.5	40.3	-	2.9	2.5	3.5	3.2	-
Dolls, games, toys, and children's vehicles	3942,4	38.9	38.1	38.5	38.5	-	2.1	1.6	2.0	1.7	-
Sporting and athletic goods, nec	3949	41.0	40.6	41.6	41.3	-	3.4	3.0	4.3	4.0	-
Pens, pencils, office, and art supplies	395	40.4	40.3	41.1	41.0	-	2.9	2.8	2.7	2.8	-
Costume jewelry and notions	396	40.2	39.8	39.9	39.1	-	2.3	2.4	3.2	2.4	-
Costume jewelry	3961	39.4	38.4	39.6	38.3	-	1.4	1.4	3.3	2.2	-
Miscellaneous manufactures	399	39.5	39.7	40.2	40.1	-	2.7	3.0	3.2	3.0	-
Signs and advertising specialties	3993	39.7	39.8	40.9	41.1	-	2.8	2.9	3.5	3.6	-
Nondurable goods		40.4	40.6	40.8	40.8	41.1	3.7	3.9	4.1	4.0	4.2
Food and kindred products	20	40.2	40.5	40.5	40.7	41.1	4.1	4.5	4.2	4.4	-
Meat products	201	39.4	40.3	40.5	40.7	-	3.6	4.2	4.0	4.3	-
Meat packing plants	2011	40.2	41.5	42.5	42.7	-	4.0	4.9	5.0	5.2	-
Sausages and other prepared meats	2013	41.8	42.5	42.1	43.0	-	4.8	5.6	4.9	5.9	-
Poultry slaughtering and processing	2015	38.2	38.8	38.7	38.7	-	3.0	3.4	3.1	3.1	-
Dairy products	202	42.0	42.1	41.7	41.4	-	4.7	4.8	4.4	4.4	-
Cheese, natural and processed	2022	40.0	40.2	39.3	38.5	-	3.3	3.3	3.4	2.9	-
Fluid milk	2026	42.3	42.5	42.0	41.8	-	4.4	4.5	4.5	4.7	-
Preserved fruits and vegetables	203	39.4	38.9	39.8	40.3	-	3.8	4.2	3.8	4.1	-
Canned specialties	2032	43.9	43.3	39.1	41.2	-	5.8	5.8	3.0	4.2	-
Canned fruits and vegetables	2033	39.6	39.3	39.3	40.3	-	3.8	3.7	3.9	4.1	-
Frozen fruits and vegetables	2037	39.4	37.8	39.7	40.0	-	3.8	4.0	4.2	4.1	-
Grain mill products	204	43.6	44.4	43.7	43.2	-	5.9	6.6	6.3	5.7	-
Flour and other grain mill products	2041	45.5	46.1	45.0	44.9	-	6.0	6.3	6.2	5.6	-
Prepared feeds, nec	2048	43.1	43.5	42.6	42.6	-	5.4	5.9	5.7	5.5	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Durable goods—Continued											
Transportation equipment	37	\$15.79	\$15.77	\$16.43	\$16.41	\$16.38	\$678.97	\$678.11	\$731.14	\$731.89	\$725.63
Motor vehicles and equipment	371	16.11	16.10	16.95	16.90	16.80	720.12	719.67	786.48	785.85	772.80
Motor vehicles and car bodies	3711	19.44	19.53	20.80	20.78	-	863.14	863.23	977.80	976.66	-
Truck and bus bodies	3713	13.93	13.84	14.44	14.23	-	617.10	620.03	662.80	644.62	-
Motor vehicle parts and accessories	3714	14.72	14.73	15.28	15.23	-	665.34	667.27	710.52	712.78	-
Truck trailers	3715	9.78	9.76	9.95	9.98	-	415.65	420.66	431.83	427.14	-
Aircraft and parts	372	17.17	17.10	17.85	17.92	-	707.40	706.23	744.35	749.06	-
Aircraft	3721	(¹)	(¹)	(¹)	(¹)	-	-	-	-	-	-
Aircraft engines and engine parts	3724	\$16.69	\$16.52	\$17.29	\$17.34	-	\$700.98	\$702.10	\$734.83	\$738.68	-
Aircraft parts and equipment, nec	3728	15.77	15.74	15.97	16.08	-	660.76	650.06	678.73	683.40	-
Ship and boat building and repairing	373	12.33	12.30	12.41	12.45	-	490.73	487.08	517.50	519.17	-
Ship building and repairing	3731	13.44	13.39	13.76	13.82	-	537.60	534.26	579.30	581.82	-
Boat building and repairing	3732	9.82	9.88	9.71	9.80	-	386.91	385.32	398.11	401.80	-
Railroad equipment	374	14.80	15.03	15.75	15.60	-	623.08	646.29	688.28	687.96	-
Guided missiles, space vehicles, and parts	376	16.58	16.60	17.22	17.27	-	679.78	680.80	721.52	720.16	-
Guided missiles and space vehicles	3761	(¹)	(¹)	(¹)	(¹)	-	-	-	-	-	-
Misc. transportation equipment	379	\$11.28	\$11.17	\$11.01	\$10.80	-	\$454.58	\$446.80	\$452.51	\$430.92	-
Travel trailers and campers	3792	11.07	10.81	10.99	10.49	-	432.84	422.67	427.51	400.72	-
Instruments and related products	38	12.20	12.18	12.42	12.39	12.38	500.20	503.03	515.43	515.42	517.48
Search and navigation equipment	381	15.97	16.09	16.61	16.69	-	653.17	654.86	692.64	690.97	-
Measuring and controlling devices	382	12.05	12.01	12.22	12.22	-	494.05	497.21	513.24	515.68	-
Environmental controls	3822	10.83	10.75	11.06	10.95	-	433.20	441.83	467.84	463.19	-
Process control instruments	3823	11.73	11.65	11.76	11.76	-	483.28	476.49	493.92	498.62	-
Instruments to measure electricity	3825	13.07	12.95	13.30	13.36	-	547.63	541.31	553.28	563.79	-
Medical instruments and supplies	384	10.91	10.84	11.09	11.05	-	446.22	445.52	453.58	451.95	-
Surgical and medical instruments	3841	10.83	10.74	10.87	10.82	-	455.94	452.15	442.41	444.70	-
Surgical appliances and supplies	3842	10.14	10.12	10.44	10.40	-	402.56	405.81	425.95	420.16	-
Ophthalmic goods	385	8.69	8.72	9.21	9.28	-	344.99	348.80	365.64	364.70	-
Photographic equipment and supplies	386	14.62	14.71	14.87	14.83	-	625.74	629.59	642.38	642.14	-
Watches, clocks, watchcases, and parts	387	8.06	8.21	8.46	8.45	-	336.91	343.18	350.24	354.06	-
Miscellaneous manufacturing industries	39	9.33	9.36	9.59	9.59	9.55	369.47	369.72	385.52	383.60	382.00
Jewelry, silverware, and plated ware	391	9.67	9.65	9.78	9.84	-	364.56	367.67	380.44	378.84	-
Jewelry, precious metal	3911	9.60	9.54	9.68	9.76	-	357.12	358.70	373.65	372.83	-
Musical instruments	393	8.79	8.95	9.77	9.64	-	348.96	349.05	398.62	393.31	-
Toys and sporting goods	394	8.80	8.80	8.99	8.95	-	354.64	349.36	364.10	360.69	-
Dolls, games, toys, and children's vehicles	3942,4	8.55	8.46	8.76	8.84	-	332.60	322.33	337.26	340.34	-
Sporting and athletic goods, nec	3949	8.94	8.99	9.10	9.01	-	366.54	364.99	378.56	372.11	-
Pens, pencils, office, and art supplies	395	10.35	10.40	10.63	10.69	-	418.14	419.12	436.89	438.29	-
Costume jewelry and notions	396	7.97	8.06	8.13	8.30	-	320.39	320.79	324.39	324.53	-
Costume jewelry	3961	7.00	7.20	6.95	7.14	-	275.60	276.48	275.22	273.46	-
Miscellaneous manufactures	399	9.78	9.80	10.07	10.02	-	386.31	389.06	404.81	401.80	-
Signs and advertising specialties	3993	9.97	9.97	10.24	10.12	-	395.81	396.81	418.82	415.93	-
Nondurable goods		10.94	10.95	11.20	11.21	11.23	441.98	444.57	456.96	457.37	461.55
Food and kindred products	20	10.48	10.47	10.64	10.66	10.65	421.30	424.04	430.92	433.86	437.72
Meat products	201	8.43	8.47	8.57	8.67	-	332.14	341.34	347.09	352.87	-
Meat packing plants	2011	9.19	9.22	9.27	9.39	-	369.44	382.63	393.98	400.95	-
Sausages and other prepared meats	2013	9.89	9.92	9.90	10.04	-	413.40	421.60	416.79	431.72	-
Poultry slaughtering and processing	2015	7.40	7.44	7.61	7.66	-	282.68	288.67	294.51	296.44	-
Dairy products	202	11.67	11.81	11.89	11.92	-	490.14	488.78	495.81	493.49	-
Cheese, natural and processed	2022	10.47	10.45	10.64	10.55	-	418.80	420.09	418.15	406.18	-
Fluid milk	2026	12.37	12.39	12.55	12.63	-	523.25	526.58	527.10	527.93	-
Preserved fruits and vegetables	203	10.13	10.10	10.25	10.21	-	399.12	392.89	407.95	411.46	-
Canned specialties	2032	13.13	13.26	13.16	13.50	-	576.41	574.16	514.56	556.20	-
Canned fruits and vegetables	2033	10.54	10.66	10.83	10.68	-	417.38	418.94	425.62	430.40	-
Frozen fruits and vegetables	2037	9.08	9.00	9.42	9.27	-	357.75	340.20	373.97	370.80	-
Grain mill products	204	12.65	12.74	12.92	12.93	-	551.54	565.66	564.60	558.58	-
Flour and other grain mill products	2041	10.83	10.68	10.91	10.82	-	492.77	492.35	490.95	485.82	-
Prepared feeds, nec	2048	10.07	10.11	10.49	10.45	-	434.02	439.79	446.87	445.17	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	39.6	39.9	39.8	40.0	-	4.5	4.7	4.3	4.3	-
Bread, cake, and related products	2051	39.6	39.6	39.3	39.7	-	4.8	4.8	4.4	4.6	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	39.6	40.4	40.6	40.6	-	3.9	4.6	4.2	3.8	-
Sugar and confectionery products	206	38.9	39.6	39.2	39.1	-	2.6	3.1	2.8	2.7	-
Raw cane sugar	2061	40.6	42.6	47.2	48.2	-	3.5	4.5	4.9	4.1	-
Cane sugar refining	2062	42.4	42.7	44.3	44.6	-	4.8	5.7	5.5	4.9	-
Beet sugar	2063	39.6	38.8	39.9	41.1	-	2.8	4.1	3.8	3.2	-
Candy and other confectionery products	2064	37.8	36.6	37.1	36.7	-	2.0	2.5	1.9	2.0	-
Fats and oils	207	42.8	43.3	43.5	42.9	-	4.9	5.5	5.6	5.3	-
Beverages	208	41.9	42.0	42.1	42.9	-	5.3	5.4	5.6	6.4	-
Malt beverages	2082	42.8	42.9	44.5	45.1	-	7.2	7.5	7.9	8.6	-
Bottled and canned soft drinks	2086	42.0	42.0	42.0	43.2	-	5.3	5.3	5.5	6.7	-
Misc. food and kindred products	209	39.3	39.0	38.7	39.0	-	4.0	4.2	3.6	3.8	-
Tobacco products	21	36.7	38.6	39.4	38.8	42.8	1.5	2.4	2.9	2.8	-
Cigarettes	211	36.5	38.0	40.0	39.2	-	1.4	2.2	3.1	3.0	-
Textile mill products	22	41.6	41.8	41.9	41.8	42.5	4.5	4.5	4.8	4.8	-
Broadwoven fabric mills, cotton	221	41.0	41.3	42.2	42.3	-	5.1	5.3	5.5	5.5	-
Broadwoven fabric mills, synthetics	222	41.8	42.0	41.8	42.0	-	4.1	4.3	4.4	4.5	-
Broadwoven fabric mills, wool	223	44.2	44.5	45.1	44.9	-	6.6	6.6	7.3	7.0	-
Narrow fabric mills	224	40.3	40.7	40.1	40.9	-	2.7	2.9	3.1	3.5	-
Knitting mills	225	39.9	40.4	39.6	39.7	-	3.2	3.5	3.3	3.4	-
Women's hosiery, except socks	2251	37.4	38.4	38.5	37.3	-	2.4	2.2	2.7	2.3	-
Hosiery, nec	2252	39.1	39.2	38.3	39.1	-	3.2	3.3	3.3	3.6	-
Knit outerwear mills	2253	39.2	40.2	38.4	38.8	-	2.3	2.9	2.4	2.8	-
Knit underwear mills	2254	39.7	40.5	39.0	39.1	-	1.9	2.3	1.6	1.5	-
Weft knit fabric mills	2257	41.5	41.3	42.7	42.4	-	4.8	4.8	5.5	5.4	-
Textile finishing, except wool	226	43.9	43.7	44.5	44.1	-	6.0	6.0	6.6	6.4	-
Finishing plants, cotton	2261	43.9	43.3	45.1	44.7	-	5.9	5.9	7.0	6.4	-
Finishing plants, synthetics	2262	43.1	43.1	43.0	42.4	-	5.4	5.5	5.4	5.4	-
Carpets and rugs	227	44.0	44.2	44.2	42.5	-	6.0	5.6	6.7	5.7	-
Yarn and thread mills	228	41.6	41.5	41.9	42.0	-	4.7	4.6	4.8	4.9	-
Yarn spinning mills	2281	42.0	41.9	42.3	42.4	-	4.7	4.7	4.9	5.1	-
Throwing and winding mills	2282	38.7	38.0	39.7	39.1	-	4.0	3.1	3.7	3.6	-
Miscellaneous textile goods	229	43.4	43.4	43.6	43.5	-	4.7	4.7	5.3	5.3	-
Apparel and other textile products	23	37.2	37.4	37.5	37.6	37.9	1.7	1.8	2.0	2.0	-
Men's and boys' suits and coats	231	36.7	36.8	36.4	36.7	-	.9	1.1	1.1	1.1	-
Men's and boys' furnishings	232	36.9	37.4	37.5	37.7	-	1.4	1.6	1.6	1.6	-
Men's and boys' shirts	2321	36.2	36.4	36.6	36.6	-	.9	1.1	1.3	1.4	-
Men's and boys' trousers and slacks	2325	36.4	37.5	37.0	37.0	-	1.6	2.0	1.5	1.4	-
Men's and boys' work clothing	2326	37.0	37.4	37.0	37.8	-	1.4	1.3	1.4	1.7	-
Women's and misses' outerwear	233	36.3	36.2	36.1	36.3	-	1.5	1.6	1.8	1.7	-
Women's and misses' blouses and shirts	2331	35.8	36.0	34.9	35.8	-	.8	1.1	.8	1.1	-
Women's, juniors', and misses' dresses	2335	36.4	36.1	37.1	37.6	-	1.8	2.0	2.7	2.7	-
Women's and misses' suits and coats	2337	36.5	36.3	35.5	36.3	-	1.5	1.5	1.3	1.5	-
Women's and misses' outerwear, nec	2339	36.4	36.2	36.2	36.1	-	1.5	1.5	1.7	1.5	-
Women's and children's undergarments	234	38.3	38.2	37.8	38.0	-	2.0	1.9	1.7	1.8	-
Women's and children's underwear	2341	38.7	38.7	37.3	37.7	-	2.0	2.0	1.5	1.7	-
Brassieres, girdles, and allied garments	2342	36.9	35.9	39.6	39.1	-	1.8	1.5	2.7	2.2	-
Girls' and children's outerwear	236	37.3	37.5	36.2	37.5	-	1.5	2.0	1.3	2.0	-
Girls' and children's dresses and blouses	2361	36.5	37.1	34.8	37.0	-	1.5	1.9	1.3	2.0	-
Misc. apparel and accessories	238	37.3	37.3	37.7	37.9	-	2.0	1.7	2.1	2.1	-
Misc. fabricated textile products	239	38.7	38.9	39.6	39.5	-	2.6	2.7	3.1	3.0	-
Curtains and draperies	2391	37.6	37.1	39.2	39.2	-	1.9	1.6	2.7	2.3	-
House furnishings, nec	2392	37.5	37.2	38.1	37.4	-	2.1	1.8	2.2	1.7	-
Automotive and apparel trimmings	2396	39.8	40.3	40.1	40.3	-	2.9	3.3	3.7	3.6	-
Paper and allied products	26	43.5	43.6	43.8	43.7	44.0	5.1	5.2	5.4	5.4	-
Paper mills	262	45.5	45.7	45.3	45.3	-	6.4	6.1	6.1	6.0	-
Paperboard mills	263	45.3	44.9	45.6	45.4	-	6.8	6.4	7.1	7.0	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Nondurable goods—Continued											
Food and kindred products—Continued											
Bakery products	205	\$11.77	\$11.72	\$11.73	\$11.63	-	\$466.09	\$467.63	\$466.85	\$465.20	-
Bread, cake, and related products	2051	11.72	11.69	11.69	11.62	-	464.11	462.92	459.42	461.31	-
Cookies, crackers, and frozen bakery products, except bread	2052,3	11.88	11.77	11.79	11.65	-	470.45	475.51	478.67	472.99	-
Sugar and confectionery products	206	11.43	11.52	11.81	11.80	-	444.63	456.19	462.95	461.38	-
Raw cane sugar	2061	10.72	10.87	11.11	11.16	-	435.23	463.06	524.39	537.91	-
Cane sugar refining	2062	15.41	15.69	15.64	15.49	-	653.38	669.96	692.85	690.85	-
Beet sugar	2063	12.52	12.86	13.19	13.19	-	495.79	498.97	526.28	542.11	-
Candy and other confectionery products	2064	10.38	10.60	10.82	10.76	-	392.36	409.16	401.42	394.89	-
Fats and oils	207	10.95	11.09	11.14	11.19	-	468.66	480.20	484.59	480.05	-
Beverages	208	14.57	14.53	14.85	14.99	-	610.48	610.26	625.19	643.07	-
Malt beverages	2082	19.97	19.82	20.40	20.56	-	854.72	850.28	907.80	927.26	-
Bottled and canned soft drinks	2086	11.99	11.91	12.18	12.42	-	503.58	500.22	511.56	536.54	-
Misc. food and kindred products	209	9.55	9.49	9.75	9.69	-	375.32	370.11	377.33	377.91	-
Tobacco products	21	17.86	18.00	19.28	19.99	\$20.37	655.46	694.80	759.63	775.61	\$871.84
Cigarettes	211	20.90	20.89	23.04	23.17	-	762.85	793.82	921.60	908.26	-
Textile mill products	22	8.86	8.86	9.09	9.08	9.11	368.58	370.35	380.87	379.54	387.18
Broadwoven fabric mills, cotton	221	9.18	9.25	9.38	9.38	-	376.38	382.03	395.84	396.77	-
Broadwoven fabric mills, synthetics	222	9.63	9.63	10.02	10.04	-	402.53	404.46	418.84	421.68	-
Broadwoven fabric mills, wool	223	9.31	9.46	9.68	9.60	-	411.50	420.97	436.57	431.04	-
Narrow fabric mills	224	8.14	8.12	8.31	8.30	-	328.04	330.48	333.23	339.47	-
Knitting mills	225	8.12	8.12	8.32	8.32	-	323.99	328.05	329.47	330.30	-
Women's hosiery, except socks	2251	7.59	7.56	7.86	7.81	-	283.87	290.30	302.61	291.31	-
Hosiery, nec	2252	7.73	7.75	8.01	8.07	-	302.24	303.80	306.78	315.54	-
Knit outerwear mills	2253	7.74	7.77	7.78	7.78	-	303.41	312.35	298.75	301.86	-
Knit underwear mills	2254	8.22	8.15	8.30	8.29	-	326.33	330.08	323.70	324.14	-
Weft knit fabric mills	2257	9.17	9.19	9.46	9.34	-	380.56	379.55	403.94	396.02	-
Textile finishing, except wool	226	9.17	9.15	9.28	9.30	-	402.56	399.86	412.96	410.13	-
Finishing plants, cotton	2261	9.04	9.05	9.04	9.01	-	396.86	391.87	407.70	402.75	-
Finishing plants, synthetics	2262	9.72	9.65	9.75	9.84	-	418.93	415.92	419.25	417.22	-
Carpets and rugs	227	8.83	8.84	9.19	9.07	-	388.52	390.73	406.20	385.48	-
Yarn and thread mills	228	8.62	8.62	8.85	8.85	-	358.59	357.73	370.82	371.70	-
Yarn spinning mills	2281	8.59	8.58	8.81	8.81	-	360.78	359.50	372.66	373.54	-
Throwing and winding mills	2282	9.01	8.95	9.22	9.30	-	348.69	340.10	366.03	363.63	-
Miscellaneous textile goods	229	10.38	10.37	10.40	10.31	-	450.49	450.06	453.44	448.49	-
Apparel and other textile products	23	7.05	7.07	7.28	7.26	7.30	262.26	264.42	273.00	272.98	276.67
Men's and boys' suits and coats	231	7.70	7.69	7.95	7.88	-	282.59	282.99	289.38	289.20	-
Men's and boys' furnishings	232	6.69	6.68	6.93	6.91	-	246.86	249.83	259.88	260.51	-
Men's and boys' shirts	2321	6.65	6.67	6.84	6.87	-	240.73	242.79	250.34	251.44	-
Men's and boys' trousers and slacks	2325	6.51	6.52	6.82	6.76	-	236.96	244.50	252.34	250.12	-
Men's and boys' work clothing	2326	6.51	6.42	6.69	6.62	-	240.87	240.11	247.53	250.24	-
Women's and misses' outerwear	233	6.65	6.68	6.87	6.86	-	241.40	241.82	248.01	249.02	-
Women's and misses' blouses and shirts	2331	6.11	6.16	6.34	6.38	-	218.74	221.76	221.27	228.40	-
Women's, juniors', and misses' dresses	2335	7.19	7.24	7.49	7.37	-	261.72	261.36	277.88	277.11	-
Women's and misses' suits and coats	2337	6.96	7.04	7.35	7.36	-	254.04	255.55	260.93	267.17	-
Women's and misses' outerwear, nec	2339	6.53	6.54	6.72	6.73	-	237.69	236.75	243.26	242.95	-
Women's and children's undergarments	234	6.81	6.84	6.96	6.92	-	260.82	261.29	263.09	262.96	-
Women's and children's underwear	2341	6.58	6.63	6.75	6.73	-	254.65	256.58	251.78	253.72	-
Brassieres, girdles, and allied garments	2342	7.82	7.81	7.75	7.66	-	288.56	280.38	306.90	299.51	-
Girls' and children's outerwear	236	6.32	6.40	6.57	6.54	-	235.74	240.00	237.83	245.25	-
Girls' and children's dresses and blouses	2361	6.19	6.32	6.44	6.40	-	225.94	234.47	224.11	236.80	-
Misc. apparel and accessories	238	6.90	6.84	6.98	6.94	-	257.37	255.13	263.15	263.03	-
Misc. fabricated textile products	239	8.24	8.25	8.36	8.39	-	318.89	320.93	331.06	331.41	-
Curtains and draperies	2391	7.07	7.16	7.27	7.28	-	265.83	265.64	284.98	285.38	-
House furnishings, nec	2392	7.21	7.23	7.51	7.47	-	270.38	268.96	286.13	279.38	-
Automotive and apparel trimmings	2396	10.55	10.55	10.78	10.79	-	419.89	425.17	432.28	434.84	-
Paper and allied products	26	13.36	13.38	13.66	13.70	13.69	581.16	583.37	598.31	598.69	602.36
Paper mills	262	16.51	16.48	16.97	16.96	-	751.21	753.14	768.74	768.29	-
Paperboard mills	263	16.78	16.61	17.20	17.14	-	760.13	745.79	784.32	778.16	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	43.1	43.3	43.8	43.9	-	4.7	4.9	5.4	5.5	-
Corrugated and solid fiber boxes	2653	43.9	44.0	44.4	44.3	-	5.2	5.4	5.9	5.9	-
Sanitary food containers	2656	42.8	43.4	43.0	44.7	-	4.7	5.0	4.6	5.3	-
Folding paperboard boxes	2657	42.3	42.7	43.9	44.2	-	4.4	4.7	5.6	5.9	-
Misc. converted paper products	267	41.9	42.1	42.0	41.9	-	4.1	4.3	4.4	4.4	-
Paper, coated and laminated, nec	2672	41.3	42.4	42.4	41.8	-	3.4	3.9	3.9	3.7	-
Bags: plastics, laminated, and coated	2673	41.8	42.2	40.9	41.5	-	4.6	5.0	4.3	4.6	-
Envelopes	2677	40.9	40.5	41.5	41.7	-	3.1	3.0	3.5	3.6	-
Printing and publishing	27	37.8	38.0	38.6	38.4	38.2	2.7	2.7	3.3	3.1	-
Newspapers	271	33.0	33.2	32.9	33.1	-	1.1	1.2	1.3	1.3	-
Periodicals	272	36.8	37.2	37.0	37.3	-	2.0	2.5	2.2	2.0	-
Books	273	39.5	40.3	41.2	41.3	-	3.2	3.0	3.9	3.7	-
Book publishing	2731	38.6	39.5	40.5	40.9	-	2.2	2.1	3.2	3.1	-
Book printing	2732	40.6	41.2	42.1	41.8	-	4.3	4.0	4.8	4.5	-
Miscellaneous publishing	274	36.3	36.5	37.6	37.2	-	1.9	1.6	2.6	2.5	-
Commercial printing	275	39.2	39.4	40.2	39.7	-	3.4	3.3	4.2	3.8	-
Commercial printing, lithographic	2752	38.9	39.3	40.1	39.4	-	3.2	3.1	4.2	3.7	-
Commercial printing, nec	2759	39.5	39.3	40.3	40.1	-	3.4	3.3	4.2	3.9	-
Manifold business forms	276	40.9	41.1	40.3	40.4	-	3.1	3.4	3.4	3.3	-
Blankbooks and bookbinding	278	38.6	38.7	39.2	39.5	-	1.9	1.8	2.1	2.3	-
Printing trade services	279	39.0	39.1	39.9	39.4	-	4.0	3.9	4.4	4.1	-
Chemicals and allied products	28	43.1	43.1	43.1	43.3	43.3	4.7	4.7	4.9	4.9	-
Industrial inorganic chemicals	281	43.6	43.8	44.3	44.4	-	4.8	4.7	5.1	5.3	-
Industrial inorganic chemicals, nec	2819	42.9	43.4	43.9	43.8	-	4.7	5.0	5.1	5.1	-
Plastics materials and synthetics	282	44.2	44.1	43.7	44.2	-	5.9	5.9	5.9	6.2	-
Plastics materials and resins	2821	44.5	44.5	45.0	45.6	-	6.2	6.2	6.8	7.1	-
Organic fibers, noncellulosic	2824	44.2	43.8	42.8	43.2	-	5.4	5.4	5.2	5.4	-
Drugs	283	40.9	40.8	40.9	40.9	-	3.6	3.5	3.7	3.7	-
Pharmaceutical preparations	2834	40.7	40.6	40.5	40.5	-	3.5	3.4	3.6	3.6	-
Soap, cleaners, and toilet goods	284	41.7	41.9	41.4	41.2	-	3.2	3.5	3.4	3.2	-
Soap and other detergents	2841	42.3	42.4	41.9	41.9	-	4.3	4.1	4.2	4.0	-
Polishing, sanitation, and finishing preparations	2842,3	41.0	41.5	41.0	40.7	-	3.3	4.2	3.7	3.3	-
Toilet preparations	2844	41.7	41.8	41.4	41.1	-	2.4	2.7	2.8	2.7	-
Paints and allied products	285	41.9	43.1	43.4	44.0	-	3.9	4.8	4.8	5.2	-
Industrial organic chemicals	286	45.9	45.8	45.2	46.1	-	6.2	6.4	6.3	6.3	-
Cyclic crudes and intermediates	2865	44.5	44.9	44.9	45.2	-	7.4	8.2	8.1	8.1	-
Industrial organic chemicals, nec	2869	46.2	46.0	45.2	46.3	-	5.9	6.0	5.8	5.8	-
Agricultural chemicals	287	44.4	44.3	45.8	45.3	-	5.8	5.2	6.7	5.9	-
Miscellaneous chemical products	289	43.2	43.2	43.3	43.1	-	4.6	4.7	5.0	4.8	-
Petroleum and coal products	29	44.7	44.1	45.1	45.3	45.4	6.5	6.2	6.2	6.2	-
Petroleum refining	291	44.6	43.5	45.1	45.1	-	5.9	5.2	5.7	5.2	-
Asphalt paving and roofing materials	295	46.1	47.0	45.8	47.1	-	9.4	10.1	8.4	10.0	-
Rubber and misc. plastics products	30	41.8	42.0	42.4	42.2	42.5	4.3	4.4	4.8	4.6	-
Tires and inner tubes	301	43.8	43.8	44.6	43.7	-	6.1	6.1	6.7	5.5	-
Rubber and plastics footwear	302	41.3	42.0	39.7	40.3	-	2.9	3.4	1.6	1.7	-
Hose, belting, gaskets, and packing	305	42.3	42.0	42.4	42.6	-	4.5	4.2	4.7	4.9	-
Rubber and plastics hose and belting	3052	43.1	43.8	43.7	43.9	-	4.6	5.0	5.1	5.3	-
Fabricated rubber products, nec	306	41.5	41.7	41.9	42.0	-	3.7	3.8	4.2	4.3	-
Miscellaneous plastics products, nec	308	41.6	41.8	42.3	42.1	-	4.1	4.3	4.7	4.6	-
Leather and leather products	31	38.6	38.5	38.6	36.7	38.9	2.3	2.1	2.2	2.3	-
Leather tanning and finishing	311	42.8	41.6	43.7	43.4	-	5.7	4.7	6.0	5.7	-
Footwear, except rubber	314	38.2	38.3	37.6	38.0	-	1.8	1.8	1.5	1.7	-
Men's footwear, except athletic	3143	38.1	38.3	37.1	37.2	-	2.1	2.0	1.7	1.9	-
Women's footwear, except athletic	3144	37.7	37.9	38.5	38.7	-	1.2	1.5	1.1	1.2	-
Luggage	316	40.3	40.5	38.1	37.9	-	2.8	2.6	1.7	2.1	-
Handbags and personal leather goods	317	36.3	36.1	38.4	37.7	-	.7	.6	1.8	1.7	-
Transportation and public utilities		39.7	39.7	39.9	40.1	40.2	-	-	-	-	-
Railroad transportation:											
Class I railroads ³	4011	46.7	45.8	46.5	47.0	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Nondurable goods—Continued											
Paper and allied products—Continued											
Paperboard containers and boxes	265	\$11.27	\$11.30	\$11.63	\$11.70	-	\$485.74	\$489.29	\$509.39	\$513.63	-
Corrugated and solid fiber boxes	2653	11.29	11.36	11.61	11.68	-	495.63	499.84	515.48	517.42	-
Sanitary food containers	2656	11.32	11.29	11.49	11.51	-	484.50	489.99	494.07	514.50	-
Folding paperboard boxes	2657	11.83	11.81	12.35	12.48	-	500.41	504.29	542.17	551.62	-
Misc. converted paper products	267	11.71	11.78	11.86	11.94	-	490.65	495.94	498.12	500.29	-
Paper, coated and laminated, nec	2672	13.44	13.40	13.81	13.81	-	555.07	568.16	585.54	577.26	-
Bags: plastics, laminated, and coated	2673	11.14	11.18	11.02	11.15	-	465.65	471.80	450.72	462.73	-
Envelopes	2677	10.91	10.96	11.05	11.08	-	446.22	443.88	458.58	462.04	-
Printing and publishing	27	11.82	11.83	12.05	12.05	\$12.09	446.80	449.54	465.13	482.72	\$461.84
Newspapers	271	11.71	11.79	11.99	12.01	-	386.43	391.43	394.47	397.53	-
Periodicals	272	13.13	13.22	13.52	13.47	-	483.18	491.78	500.24	502.43	-
Books	273	10.79	10.87	10.99	11.09	-	426.21	438.06	452.79	458.02	-
Book publishing	2731	10.53	10.54	10.37	10.58	-	406.48	416.33	419.99	432.72	-
Book printing	2732	11.09	11.25	11.67	11.67	-	450.25	463.50	491.31	487.81	-
Miscellaneous publishing	274	11.16	11.10	11.36	11.42	-	405.11	405.15	427.14	424.82	-
Commercial printing	275	11.99	11.96	12.22	12.21	-	470.01	471.22	491.24	484.74	-
Commercial printing, lithographic	2752	12.06	12.06	12.36	12.33	-	489.13	473.96	495.64	485.80	-
Commercial printing, nec	2759	11.86	11.60	11.76	11.74	-	460.57	455.88	473.93	470.77	-
Manifold business forms	276	12.49	12.52	12.87	12.82	-	510.84	514.57	518.66	517.93	-
Blankbooks and bookbinding	278	9.24	9.20	9.59	9.58	-	356.86	356.04	375.93	378.41	-
Printing trade services	279	14.64	14.64	14.92	14.85	-	570.96	572.42	595.31	585.09	-
Chemicals and allied products	28	14.77	14.75	15.08	15.11	15.18	636.59	635.73	649.95	654.26	657.29
Industrial inorganic chemicals	281	16.26	16.13	16.60	16.71	-	708.94	706.49	735.38	741.92	-
Industrial inorganic chemicals, nec	2819	16.67	16.55	17.03	17.05	-	715.14	718.27	747.62	746.79	-
Plastics materials and synthetics	282	15.18	15.19	15.51	15.50	-	670.96	669.88	677.79	685.10	-
Plastics materials and resins	2821	16.34	16.39	17.16	17.20	-	727.13	729.36	772.20	784.32	-
Organic fibers, noncellulosic	2824	13.95	13.95	13.65	13.62	-	616.59	611.01	584.22	588.38	-
Drugs	283	14.77	14.72	14.83	14.76	-	604.09	600.58	606.55	603.68	-
Pharmaceutical preparations	2834	14.84	14.77	14.80	14.72	-	603.99	599.68	599.40	596.16	-
Soap, cleaners, and toilet goods	284	12.34	12.31	12.69	12.69	-	514.58	515.79	525.37	522.83	-
Soap and other detergents	2841	16.10	15.72	16.46	16.44	-	681.03	666.53	689.67	688.84	-
Polishing, sanitation, and finishing preparations	2842,3	11.43	11.71	11.73	11.73	-	468.63	485.97	480.93	477.41	-
Toilet preparations	2844	10.48	10.54	11.08	11.14	-	437.02	440.57	458.71	457.85	-
Paints and allied products	285	12.63	12.63	12.95	13.02	-	529.20	544.35	562.03	572.88	-
Industrial organic chemicals	286	17.60	17.63	18.03	18.15	-	807.84	807.45	814.96	836.72	-
Cyclic crudes and intermediates	2865	17.47	17.21	17.78	17.76	-	777.42	772.73	798.32	802.75	-
Industrial organic chemicals, nec	2869	17.77	17.86	18.21	18.35	-	820.97	821.56	823.09	849.61	-
Agricultural chemicals	287	14.74	14.86	14.76	14.81	-	654.46	658.30	676.01	670.89	-
Miscellaneous chemical products	289	13.31	13.37	13.95	13.91	-	574.99	577.58	604.04	599.52	-
Petroleum and coal products	29	18.56	18.47	18.99	18.73	18.80	829.63	814.53	856.45	848.47	853.52
Petroleum refining	291	20.58	20.50	20.87	20.64	-	917.87	891.75	941.24	930.86	-
Asphalt paving and roofing materials	295	13.55	13.75	13.86	14.15	-	624.66	646.25	634.79	666.47	-
Rubber and misc. plastics products	30	10.55	10.54	10.70	10.71	10.77	440.99	442.68	453.68	451.96	457.73
Tires and inner tubes	301	17.58	17.50	17.95	17.67	-	770.00	766.50	800.57	772.18	-
Rubber and plastics footwear	302	7.36	7.65	7.79	7.82	-	303.97	321.30	309.26	315.15	-
Hose, belting, gaskets, and packing	305	10.48	10.54	10.89	10.90	-	443.30	442.68	461.74	464.34	-
Rubber and plastics hose and belting	3052	10.63	10.82	11.13	11.13	-	458.15	473.92	486.38	468.61	-
Fabricated rubber products, nec	306	9.93	9.97	10.16	10.24	-	412.10	415.75	425.70	430.08	-
Miscellaneous plastics products, nec	308	9.82	9.82	9.96	9.99	-	408.51	410.48	421.31	420.58	-
Leather and leather products	31	7.59	7.57	7.95	7.95	7.97	292.97	291.45	306.87	307.67	310.03
Leather tanning and finishing	311	9.95	9.97	10.43	10.58	-	425.86	414.75	455.79	459.17	-
Footwear, except rubber	314	7.16	7.14	7.50	7.44	-	273.51	273.46	282.00	282.72	-
Men's footwear, except athletic	3143	7.68	7.65	8.02	8.00	-	292.61	293.00	297.54	297.60	-
Women's footwear, except athletic	3144	6.60	6.60	6.97	6.97	-	248.82	250.14	268.35	269.74	-
Luggage	316	7.97	7.83	7.85	8.11	-	321.19	317.12	299.09	307.37	-
Handbags and personal leather goods	317	6.74	6.77	7.18	7.21	-	244.66	244.40	275.71	271.82	-
Transportation and public utilities		13.57	13.57	13.78	13.79	13.75	538.73	538.73	549.82	552.98	552.75
Railroad transportation:											
Class I railroads ³	4011	16.86	16.84	16.55	16.63	-	787.36	771.27	769.58	781.61	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	34.9	34.2	34.2	35.1	-	-	-	-	-	-
Local and suburban transportation	411	39.0	38.7	37.9	38.3	-	-	-	-	-	-
Intercity and rural bus transportation	413	39.3	38.9	38.6	38.8	-	-	-	-	-	-
Trucking and warehousing	42	38.8	39.0	39.0	39.5	-	-	-	-	-	-
Trucking and courier services, except air	421	38.8	38.9	39.0	39.5	-	-	-	-	-	-
Public warehousing and storage	422	39.6	39.7	39.3	39.7	-	-	-	-	-	-
Water transportation:											
Water transportation services	449	36.9	36.1	36.3	36.5	-	-	-	-	-	-
Pipelines, except natural gas	46	41.8	41.3	43.3	44.1	-	-	-	-	-	-
Transportation services	47	37.5	36.8	37.1	37.9	-	-	-	-	-	-
Passenger transportation arrangement	472	36.3	36.1	35.8	36.6	-	-	-	-	-	-
Travel agencies	4724	36.6	36.2	35.8	36.7	-	-	-	-	-	-
Freight transportation arrangement	473	38.3	37.1	38.8	39.3	-	-	-	-	-	-
Communications	48	39.5	39.7	39.1	39.4	-	-	-	-	-	-
Telephone communications	481	41.0	41.3	40.7	40.8	-	-	-	-	-	-
Telephone communications, except radio	4813	41.0	41.5	40.8	40.7	-	-	-	-	-	-
Radio and television broadcasting	483	35.0	34.6	34.4	34.9	-	-	-	-	-	-
Cable and other pay television services	484	39.1	39.1	38.4	38.8	-	-	-	-	-	-
Electric, gas, and sanitary services	49	42.2	42.5	42.4	42.2	-	-	-	-	-	-
Electric services	491	42.1	42.4	42.5	42.2	-	-	-	-	-	-
Gas production and distribution	492	42.3	42.0	42.5	42.7	-	-	-	-	-	-
Combination utility services	493	42.0	43.3	42.5	41.8	-	-	-	-	-	-
Sanitary services	495	43.0	43.0	42.4	42.6	-	-	-	-	-	-
Wholesale trade		38.4	38.3	38.3	38.6	38.5	-	-	-	-	-
Durable goods	50	39.0	38.9	38.9	39.2	-	-	-	-	-	-
Motor vehicles, parts, and supplies	501	38.7	38.7	38.7	38.5	-	-	-	-	-	-
Furniture and home furnishings	502	37.3	37.0	37.1	37.2	-	-	-	-	-	-
Lumber and other construction materials	503	39.9	40.2	40.1	40.5	-	-	-	-	-	-
Professional and commercial equipment	504	39.1	38.9	39.1	39.5	-	-	-	-	-	-
Medical and hospital equipment	5047	38.3	38.2	38.2	38.8	-	-	-	-	-	-
Metals and minerals, except petroleum	505	40.6	40.5	40.9	41.2	-	-	-	-	-	-
Electrical goods	506	38.6	38.2	38.5	38.8	-	-	-	-	-	-
Hardware, plumbing, and heating equipment	507	38.8	38.8	38.7	39.1	-	-	-	-	-	-
Machinery, equipment, and supplies	508	39.8	39.5	39.5	39.8	-	-	-	-	-	-
Misc. wholesale trade durable goods	509	37.3	37.4	37.8	37.9	-	-	-	-	-	-
Nondurable goods	51	37.7	37.5	37.5	37.7	-	-	-	-	-	-
Paper and paper products	511	36.6	36.4	36.1	36.4	-	-	-	-	-	-
Drugs, proprietaries, and sundries	512	36.9	36.9	37.4	37.4	-	-	-	-	-	-
Apparel, piece goods, and notions	513	36.7	36.7	36.2	36.3	-	-	-	-	-	-
Groceries and related products	514	38.4	38.6	38.3	38.6	-	-	-	-	-	-
Farm-product raw materials	515	36.6	35.4	35.7	36.3	-	-	-	-	-	-
Chemicals and allied products	516	40.0	39.8	39.3	40.0	-	-	-	-	-	-
Petroleum and petroleum products	517	37.8	37.5	38.0	38.1	-	-	-	-	-	-
Beer, wine, and distilled beverages	518	37.4	37.2	36.6	36.8	-	-	-	-	-	-
Misc. wholesale trade nondurable goods	519	37.3	36.7	37.3	37.6	-	-	-	-	-	-
Retail trade		28.9	29.0	28.7	28.9	29.1	-	-	-	-	-
Building materials and garden supplies	52	36.9	36.9	36.3	36.8	-	-	-	-	-	-
Lumber and other building materials	521	38.7	39.0	38.1	38.7	-	-	-	-	-	-
Paint, glass, and wallpaper stores	523	36.9	36.8	36.2	36.1	-	-	-	-	-	-
Hardware stores	525	32.4	32.7	32.1	32.2	-	-	-	-	-	-
Retail nurseries and garden stores	526	35.8	33.9	33.8	35.0	-	-	-	-	-	-
General merchandise stores	53	28.9	29.3	28.9	29.4	-	-	-	-	-	-
Department stores	531	29.0	29.4	29.0	29.5	-	-	-	-	-	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Transportation and public utilities—Continued											
Local and interurban passenger transit	41	\$9.85	\$9.98	\$10.07	\$10.00	-	\$343.77	\$341.32	\$344.39	\$351.00	-
Local and suburban transportation	411	10.60	10.61	10.76	10.68	-	413.40	410.61	407.80	409.04	-
Intercity and rural bus transportation	413	12.69	12.78	12.80	12.84	-	498.72	497.14	494.08	498.19	-
Trucking and warehousing	42	12.39	12.33	12.49	12.61	-	480.73	480.87	487.11	498.10	-
Trucking and courier services, except air	421	12.57	12.50	12.68	12.79	-	487.72	486.25	494.52	505.21	-
Public warehousing and storage	422	10.06	10.07	10.09	10.16	-	398.38	399.78	396.54	403.35	-
Water transportation:											
Water transportation services	449	16.57	16.68	17.66	17.64	-	611.43	602.15	641.06	643.86	-
Pipelines, except natural gas	46	19.59	19.36	20.20	20.15	-	818.86	799.57	874.66	888.62	-
Transportation services											
Passenger transportation arrangement	472	10.21	10.09	10.58	10.78	-	370.62	364.25	378.76	394.55	-
Travel agencies	4724	10.14	10.00	10.61	10.81	-	371.12	362.00	379.84	396.73	-
Freight transportation arrangement	473	12.36	12.43	12.67	12.79	-	473.39	481.15	491.60	502.65	-
Communications											
Telephone communications	481	15.49	15.52	15.79	15.76	-	635.09	640.98	642.65	643.01	-
Telephone communications, except radio	4813	15.67	15.70	16.11	16.09	-	642.47	651.55	657.29	654.86	-
Radio and television broadcasting	483	14.24	14.36	14.63	14.55	-	498.40	496.86	503.27	507.80	-
Cable and other pay television services	484	11.33	11.58	11.52	11.62	-	443.00	452.78	442.37	450.86	-
Electric, gas, and sanitary services											
Electric services	491	17.28	17.14	18.00	18.16	-	727.49	726.74	765.00	766.35	-
Gas production and distribution	492	16.28	16.13	16.60	16.74	-	688.64	677.46	705.50	714.80	-
Combination utility services	493	19.67	19.84	20.63	20.52	-	826.14	859.07	876.78	857.74	-
Sanitary services	495	12.06	11.98	12.15	12.20	-	518.58	515.14	515.16	519.72	-
Wholesale trade		11.75	11.66	11.99	11.99	\$11.92	451.20	446.58	459.22	462.81	\$458.92
Durable goods											
Motor vehicles, parts, and supplies	501	10.57	10.48	10.91	10.87	-	409.06	405.58	422.22	418.50	-
Furniture and home furnishings	502	10.69	10.64	10.89	10.93	-	398.74	393.68	404.02	406.60	-
Lumber and other construction materials	503	11.18	11.12	11.40	11.43	-	446.08	447.02	457.14	462.92	-
Professional and commercial equipment	504	14.59	14.44	14.91	14.90	-	570.47	561.72	582.98	588.55	-
Medical and hospital equipment	5047	13.07	13.14	13.16	13.04	-	500.58	501.95	502.71	505.95	-
Metals and minerals, except petroleum	505	12.11	12.01	12.30	12.33	-	491.67	486.41	503.07	508.00	-
Electrical goods	506	12.50	12.39	12.91	12.88	-	482.50	473.30	497.04	499.74	-
Hardware, plumbing, and heating equipment	507	11.41	11.24	11.75	11.73	-	442.71	436.11	454.73	458.64	-
Machinery, equipment, and supplies	508	11.93	11.85	12.35	12.37	-	474.81	468.08	487.83	492.33	-
Misc. wholesale trade durable goods	509	9.40	9.36	9.79	9.72	-	350.62	350.06	370.06	368.39	-
Nondurable goods											
Paper and paper products	511	11.92	11.85	12.03	11.99	-	436.27	431.34	434.28	436.44	-
Drugs, proprietaries, and sundries	512	13.53	13.42	13.98	13.98	-	499.26	495.20	522.85	522.85	-
Apparel, piece goods, and notions	513	11.05	10.89	11.23	11.30	-	405.54	399.66	406.53	410.19	-
Groceries and related products	514	11.53	11.46	11.77	11.78	-	442.75	442.36	450.79	454.71	-
Farm-product raw materials	515	8.47	8.37	8.59	8.69	-	310.00	296.30	306.66	315.45	-
Chemicals and allied products	516	13.38	13.14	13.25	13.29	-	535.20	522.97	520.73	531.60	-
Petroleum and petroleum products	517	10.50	10.46	10.86	10.75	-	396.90	392.25	412.68	409.58	-
Beer, wine, and distilled beverages	518	13.18	13.04	13.15	13.16	-	492.93	485.09	481.29	484.29	-
Misc. wholesale trade nondurable goods	519	9.44	9.41	9.49	9.53	-	352.11	345.35	353.98	358.33	-
Retail trade		7.27	7.26	7.47	7.47	7.45	210.10	210.54	214.39	215.88	216.80
Building materials and garden supplies											
Lumber and other building materials	521	8.97	8.95	9.09	9.09	-	347.14	349.05	346.33	351.78	-
Paint, glass, and wallpaper stores	523	9.28	9.23	9.44	9.46	-	342.43	339.66	341.73	341.51	-
Hardware stores	525	7.39	7.39	7.58	7.57	-	239.44	241.65	243.32	243.75	-
Retail nurseries and garden stores	526	7.41	7.45	7.60	7.65	-	265.28	252.56	256.88	267.75	-
General merchandise stores											
Department stores	531	7.31	7.30	7.38	7.44	-	211.99	214.62	214.02	219.48	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Retail trade—Continued											
General merchandise stores—Continued											
Variety stores	533	27.7	27.8	28.5	28.4	-	-	-	-	-	-
Misc. general merchandise stores	539	28.8	29.3	29.1	29.5	-	-	-	-	-	-
Food stores											
Grocery stores	54	29.6	30.3	29.1	29.5	-	-	-	-	-	-
Retail bakeries	541	29.8	30.5	29.2	29.6	-	-	-	-	-	-
.....	546	28.8	28.7	28.4	28.8	-	-	-	-	-	-
Automotive dealers and service stations											
New and used car dealers	55	36.5	36.3	35.9	35.9	-	-	-	-	-	-
Auto and home supply stores	551	37.8	37.6	37.2	37.3	-	-	-	-	-	-
Gasoline service stations	553	38.6	38.6	37.8	37.8	-	-	-	-	-	-
.....	554	33.6	33.5	32.9	33.0	-	-	-	-	-	-
Automotive dealers, nec	559	34.4	33.4	33.8	34.0	-	-	-	-	-	-
Apparel and accessory stores											
Men's and boys' clothing stores	56	26.3	26.5	26.1	26.2	-	-	-	-	-	-
Women's clothing stores	561	29.1	29.3	28.7	29.2	-	-	-	-	-	-
Family clothing stores	562	24.2	24.0	24.1	24.0	-	-	-	-	-	-
Shoe stores	565	27.5	27.8	27.1	27.2	-	-	-	-	-	-
.....	566	26.4	26.7	26.3	26.4	-	-	-	-	-	-
Furniture and home furnishings stores											
Furniture and home furnishings stores	57	32.9	33.2	32.8	33.0	-	-	-	-	-	-
Household appliance stores	571	33.1	33.4	32.9	33.1	-	-	-	-	-	-
Radio, television, and computer stores	572	33.7	33.9	34.0	34.7	-	-	-	-	-	-
.....	573	32.5	32.7	32.3	32.3	-	-	-	-	-	-
Radio, television, and electronic stores	5731	32.1	32.5	32.0	32.1	-	-	-	-	-	-
Record and prerecorded tape stores	5735	27.8	28.7	28.1	26.9	-	-	-	-	-	-
Eating and drinking places ⁴											
Miscellaneous retail establishments	58	25.3	25.3	25.2	25.3	-	-	-	-	-	-
Drug stores and proprietary stores	59	29.8	29.8	29.4	29.7	-	-	-	-	-	-
Used merchandise stores	591	27.7	28.3	27.7	27.7	-	-	-	-	-	-
Miscellaneous shopping goods stores	593	32.0	32.5	32.4	32.0	-	-	-	-	-	-
Nonstore retailers	594	28.0	28.3	27.7	28.1	-	-	-	-	-	-
Fuel dealers	596	33.8	33.8	33.8	34.0	-	-	-	-	-	-
Retail stores, nec	598	38.4	36.9	37.5	37.4	-	-	-	-	-	-
Optical goods stores	599	32.1	31.2	30.7	31.9	-	-	-	-	-	-
Miscellaneous retail stores, nec	5995	33.2	32.7	32.5	32.6	-	-	-	-	-	-
.....	5999	32.2	32.3	31.3	31.9	-	-	-	-	-	-
Finance, insurance, and real estate⁵											
Depository institutions		36.2	35.6	35.7	36.1	35.5	-	-	-	-	-
Commercial banks	60	35.5	35.0	35.2	35.6	-	-	-	-	-	-
State commercial banks	602	35.4	34.8	35.1	35.4	-	-	-	-	-	-
National and commercial banks, nec	6022	36.1	35.6	35.4	36.0	-	-	-	-	-	-
Credit unions	6021,9	34.9	34.2	34.8	35.0	-	-	-	-	-	-
.....	606	36.0	35.8	35.7	36.0	-	-	-	-	-	-
Nondepository institutions	61	38.4	37.5	37.6	38.2	-	-	-	-	-	-
Personal credit institutions	614	37.9	37.6	37.8	36.7	-	-	-	-	-	-
Security and commodity brokers:											
Security and commodity services	628	36.7	35.6	36.5	37.1	-	-	-	-	-	-
Insurance carriers											
Life insurance	63	38.3	37.7	37.8	38.1	-	-	-	-	-	-
Medical service and health insurance	631	38.2	37.3	37.5	37.8	-	-	-	-	-	-
Hospital and medical service plans	632	38.4	38.3	38.0	37.8	-	-	-	-	-	-
Fire, marine, and casualty insurance	6324	38.3	38.2	37.8	37.5	-	-	-	-	-	-
.....	633	37.9	37.4	37.6	37.9	-	-	-	-	-	-
Services											
Agricultural services		32.7	32.6	32.4	32.7	32.5	-	-	-	-	-
Veterinary services	07	35.8	35.5	34.1	35.7	-	-	-	-	-	-
Landscaping and horticultural services	074	29.3	29.6	28.9	29.1	-	-	-	-	-	-
.....	078	38.6	38.0	38.2	38.4	-	-	-	-	-	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Retail trade—Continued											
General merchandise stores—Continued											
Variety stores	533	\$6.43	\$6.45	\$6.97	\$7.09	-	\$178.11	\$179.31	\$198.65	\$201.36	-
Misc. general merchandise stores	539	7.89	7.91	8.25	8.22	-	227.23	231.76	240.08	242.49	-
Food stores											
Grocery stores	541	7.88	7.88	8.02	8.02	-	234.82	240.34	234.18	237.39	-
Retail bakeries	546	6.82	6.86	7.02	7.01	-	196.42	196.88	199.37	201.89	-
Automotive dealers and service stations											
New and used car dealers	551	12.19	12.09	12.73	12.72	-	460.78	454.58	473.56	474.46	-
Auto and home supply stores	553	8.38	8.32	8.45	8.39	-	323.47	321.15	319.41	317.14	-
Gasoline service stations	554	6.84	6.65	6.77	6.78	-	223.10	222.78	222.73	223.74	-
Automotive dealers, nec	559	10.73	10.52	10.68	10.99	-	369.11	351.37	360.98	373.66	-
Apparel and accessory stores											
Men's and boys' clothing stores	561	8.41	8.51	8.47	8.46	-	244.73	249.34	243.09	247.03	-
Women's clothing stores	562	6.70	6.68	6.85	6.84	-	162.14	160.32	165.09	184.16	-
Family clothing stores	565	6.86	6.85	6.95	6.99	-	188.65	190.43	188.35	190.13	-
Shoe stores	566	7.29	7.17	7.39	7.42	-	192.46	191.44	194.36	195.89	-
Furniture and home furnishings stores											
Furniture and home furnishings stores	571	9.16	9.21	9.56	9.54	-	303.20	307.61	314.52	315.77	-
Household appliance stores	572	9.78	9.81	9.71	9.82	-	329.59	332.56	330.14	340.75	-
Radio, television, and computer stores	573	9.57	9.53	10.06	10.09	-	311.03	311.63	324.94	325.91	-
Radio, television, and electronic stores	5731	9.23	9.42	9.95	10.04	-	296.28	306.15	318.40	322.28	-
Record and prerecorded tape stores	5735	5.85	5.86	6.13	6.09	-	162.63	168.18	172.25	163.82	-
Eating and drinking places⁴											
Miscellaneous retail establishments	59	7.91	7.89	8.14	8.14	-	235.72	235.12	239.32	241.76	-
Drug stores and proprietary stores	591	8.02	8.02	8.34	8.37	-	222.15	226.97	231.02	231.85	-
Used merchandise stores	593	6.74	6.77	6.82	6.90	-	215.68	220.03	220.97	220.80	-
Miscellaneous shopping goods stores	594	7.25	7.21	7.54	7.56	-	203.00	204.04	208.86	212.44	-
Nonstore retailers	596	8.67	8.67	8.78	8.81	-	293.05	293.05	296.76	299.54	-
Fuel dealers	598	10.89	10.90	11.20	11.18	-	418.18	402.21	420.00	418.13	-
Retail stores, nec	599	8.10	8.15	8.34	8.26	-	260.01	254.28	256.04	263.49	-
Optical goods stores	5995	9.69	9.81	10.56	10.42	-	321.71	320.79	343.20	339.69	-
Miscellaneous retail stores, nec	5999	8.59	8.54	8.68	8.71	-	276.60	275.84	271.68	277.85	-
Finance, insurance, and real estate⁵											
Depository institutions	60	9.17	9.03	9.34	9.39	-	325.54	316.05	328.77	334.28	-
Commercial banks	602	8.72	8.60	8.93	8.96	-	308.69	299.28	313.44	317.18	-
State commercial banks	6022	8.53	8.44	8.69	8.76	-	307.93	300.46	307.63	315.36	-
National and commercial banks, nec	6021,9	8.86	8.72	9.10	9.11	-	309.21	298.22	316.68	318.85	-
Credit unions	606	9.09	8.97	9.33	9.34	-	327.24	321.13	333.08	336.24	-
Nondepository institutions	61	12.24	12.22	12.56	12.52	-	470.02	458.25	472.26	478.26	-
Personal credit institutions	614	10.01	9.87	10.01	10.09	-	379.38	371.11	378.38	390.48	-
Security and commodity brokers:											
Security and commodity services	628	16.12	15.75	15.87	16.14	-	591.60	560.70	579.26	598.79	-
Insurance carriers											
Life insurance	631	12.20	12.12	13.31	13.28	-	466.04	452.08	499.13	501.98	-
Medical service and health insurance	632	12.69	12.50	13.22	13.46	-	487.30	478.75	502.36	508.79	-
Hospital and medical service plans	6324	13.00	12.79	13.55	13.80	-	497.90	488.58	512.19	517.50	-
Fire, marine, and casualty insurance	633	14.08	14.07	14.82	14.76	-	533.63	526.22	557.23	559.40	-
Services											
Agricultural services	07	8.42	8.31	8.46	8.45	-	301.44	295.01	288.49	301.67	-
Veterinary services	074	8.17	8.08	8.35	8.34	-	239.38	239.17	241.32	242.69	-
Landscape and horticultural services	078	8.54	8.42	8.55	8.52	-	329.64	319.96	309.51	327.17	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average weekly hours					Average overtime hours				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Services—Continued											
Hotels and other lodging places:											
Hotels and motels ⁴	701	31.4	31.2	30.9	31.5	-	-	-	-	-	-
Personal services:											
Laundry, cleaning, and garment services	721	34.4	34.0	33.8	34.2	-	-	-	-	-	-
Beauty shops ⁴	723	29.2	28.7	28.8	28.7	-	-	-	-	-	-
Miscellaneous personal services	729	25.9	25.5	25.8	28.9	-	-	-	-	-	-
Business services											
Advertising	731	37.3	36.8	36.8	37.4	-	-	-	-	-	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	37.4	37.3	37.8	38.0	-	-	-	-	-	-
Services to buildings											
Disinfecting and pest control services	7342	39.2	38.4	37.9	38.5	-	-	-	-	-	-
Building maintenance services, nec	7349	28.3	27.9	27.7	28.0	-	-	-	-	-	-
Miscellaneous equipment rental and leasing											
Medical equipment rental	7352	38.7	38.7	37.8	38.4	-	-	-	-	-	-
Heavy construction equipment rental	7353	40.9	40.4	40.2	40.3	-	-	-	-	-	-
Equipment rental and leasing, nec	7359	40.1	40.4	38.8	39.8	-	-	-	-	-	-
Personnel supply services:											
Help supply services	7363	31.6	31.5	31.8	31.9	-	-	-	-	-	-
Computer and data processing services											
Computer programming services	7371	38.3	37.8	38.1	38.0	-	-	-	-	-	-
Computer integrated systems design	7373	38.8	37.8	38.0	39.5	-	-	-	-	-	-
Information retrieval services	7375	38.6	37.8	35.9	36.8	-	-	-	-	-	-
Computer maintenance and repair	7378	39.3	39.1	39.2	39.7	-	-	-	-	-	-
Miscellaneous business services	738	33.6	33.4	33.5	33.9	-	-	-	-	-	-
Detective and armored car services	7381	33.7	33.7	34.5	34.6	-	-	-	-	-	-
Security systems services	7382	36.7	36.1	36.1	35.6	-	-	-	-	-	-
Auto repair, services, and parking											
Automotive rentals, without drivers	751	37.5	37.6	36.8	37.2	-	-	-	-	-	-
Passenger car rental	7514	36.4	36.5	36.1	36.7	-	-	-	-	-	-
Automobile parking	752	34.3	33.6	34.0	34.9	-	-	-	-	-	-
Automotive repair shops	753	38.4	38.4	38.4	38.4	-	-	-	-	-	-
Automotive and tire repair shops	7532,4	37.3	37.3	37.8	37.9	-	-	-	-	-	-
General automotive repair shops	7538	38.3	38.4	37.9	37.9	-	-	-	-	-	-
Automotive services, except repair	754	32.2	31.9	30.5	31.4	-	-	-	-	-	-
Carwashes	7542	30.5	30.0	28.1	29.3	-	-	-	-	-	-
Miscellaneous repair services											
Motion pictures	78	27.3	28.3	28.5	28.5	-	-	-	-	-	-
Motion picture production and services	781	38.5	38.4	38.6	38.9	-	-	-	-	-	-
Video tape rental	784	22.5	22.9	22.6	23.0	-	-	-	-	-	-
Amusement and recreation services											
Bowling centers	793	23.9	23.9	24.9	24.0	-	-	-	-	-	-
Misc. amusement and recreation services	799	26.9	26.3	26.2	26.0	-	-	-	-	-	-
Physical fitness facilities	7991	18.7	19.0	18.5	18.6	-	-	-	-	-	-
Membership sports and recreation clubs	7997	29.2	29.4	28.4	29.4	-	-	-	-	-	-
Health services											
Offices and clinics of medical doctors	801	32.4	32.1	32.3	32.5	-	-	-	-	-	-
Offices and clinics of dentists	802	26.7	26.2	28.0	28.4	-	-	-	-	-	-
Offices and clinics of other health practitioners	804	29.9	29.7	30.1	30.2	-	-	-	-	-	-
Nursing and personal care facilities	805	32.3	32.2	31.9	32.3	-	-	-	-	-	-
Intermediate care facilities	8052	31.7	31.6	31.3	31.8	-	-	-	-	-	-
Hospitals	806	34.5	34.6	34.6	34.6	-	-	-	-	-	-
Home health care services	808	27.9	27.8	27.9	28.4	-	-	-	-	-	-
Legal services											
Legal services	81	35.1	34.6	34.6	35.3	-	-	-	-	-	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Services—Continued											
Hotels and other lodging places:											
Hotels and motels ⁴	701	\$7.56	\$7.49	\$7.67	\$7.67	-	\$237.38	\$233.69	\$237.00	\$241.61	-
Personal services:											
Laundry, cleaning, and garment services	721	7.21	7.23	7.31	7.32	-	248.02	245.82	247.08	250.34	-
Beauty shops ⁴	723	7.90	7.93	7.99	8.11	-	230.68	227.59	228.51	232.76	-
Miscellaneous personal services	729	7.62	7.67	6.84	7.99	-	197.36	195.59	176.47	214.93	-
Business services	73	10.15	10.09	10.30	10.35	-	339.01	333.98	340.93	344.66	-
Advertising	731	15.01	14.81	15.44	15.68	-	559.87	545.01	568.19	586.43	-
Mailing, reproduction, and stenographic services:											
Photocopying and duplicating services	7334	9.49	9.56	9.91	9.96	-	354.93	356.59	372.62	378.48	-
Services to buildings	734	7.44	7.44	7.42	7.44	-	217.25	214.27	211.47	214.27	-
Disinfecting and pest control services	7342	9.80	9.62	9.66	9.73	-	384.16	369.41	366.11	374.61	-
Building maintenance services, nec	7349	7.14	7.17	7.15	7.16	-	202.06	200.04	198.06	200.48	-
Miscellaneous equipment rental and leasing	735	10.58	10.50	10.74	10.72	-	423.20	421.05	417.79	425.58	-
Medical equipment rental	7352	10.46	10.55	10.36	10.38	-	404.80	408.29	391.61	398.59	-
Heavy construction equipment rental	7353	14.22	14.19	14.08	14.18	-	581.60	573.28	566.02	571.45	-
Equipment rental and leasing, nec	7359	9.56	9.45	9.86	9.81	-	383.36	381.78	382.57	390.44	-
Personnel supply services:											
Help supply services	7363	8.23	8.26	8.41	8.41	-	260.07	260.19	267.44	268.28	-
Computer and data processing services	737	16.51	16.38	16.82	17.09	-	635.64	619.16	632.43	652.84	-
Computer programming services	7371	19.03	18.85	19.46	19.89	-	728.85	712.53	741.43	755.82	-
Computer integrated systems design	7373	17.35	17.05	17.88	17.94	-	673.18	644.49	679.44	708.63	-
Information retrieval services	7375	14.56	14.57	14.21	14.45	-	562.02	550.75	510.14	531.76	-
Computer maintenance and repair	7378	13.64	13.68	13.73	13.89	-	536.05	534.89	538.22	551.43	-
Miscellaneous business services	738	8.70	8.63	8.80	8.82	-	292.32	288.24	294.80	299.00	-
Detective and armored car services	7381	6.74	6.75	6.92	6.93	-	227.14	227.48	238.74	239.78	-
Security systems services	7382	10.85	11.00	10.84	10.72	-	398.20	397.10	384.10	381.63	-
Auto repair, services, and parking	75	9.29	9.28	9.55	9.55	-	340.94	339.65	346.67	349.53	-
Automotive rentals, without drivers	751	9.31	9.27	9.39	9.44	-	349.13	348.55	345.55	351.17	-
Passenger car rental	7514	8.24	8.30	8.50	8.51	-	299.94	302.95	306.85	312.32	-
Automobile parking	752	6.89	6.85	6.94	6.97	-	236.33	230.16	235.96	243.25	-
Automotive repair shops	753	10.26	10.22	10.57	10.58	-	393.98	392.45	405.89	406.27	-
Automotive and tire repair shops	7532,4	10.89	10.78	11.14	11.13	-	406.20	402.09	421.09	421.83	-
General automotive repair shops	7538	10.30	10.30	10.53	10.60	-	394.49	395.52	399.09	401.74	-
Automotive services, except repair	754	6.91	6.98	7.07	7.08	-	222.50	222.66	215.64	222.31	-
Carwashes	7542	6.05	6.14	6.16	6.20	-	184.53	184.20	173.10	181.66	-
Miscellaneous repair services	76	11.06	11.02	11.26	11.27	-	423.60	420.96	430.13	432.77	-
Motion pictures	78	12.31	11.50	14.21	14.22	-	336.06	325.45	404.99	405.27	-
Motion picture production and services	781	18.63	18.02	20.75	20.69	-	717.26	691.97	800.95	804.84	-
Video tape rental	784	5.65	5.57	5.71	5.71	-	127.13	127.55	129.05	131.33	-
Amusement and recreation services	79	8.42	7.90	8.77	8.62	-	228.18	221.99	230.65	226.71	-
Bowling centers	793	6.66	6.76	6.63	6.78	-	159.17	161.56	165.09	162.72	-
Misc. amusement and recreation services	799	7.67	7.30	8.15	8.00	-	206.32	206.59	213.53	208.00	-
Physical fitness facilities	7991	7.88	7.84	7.96	7.91	-	147.36	148.96	147.26	147.13	-
Membership sports and recreation clubs	7997	7.99	7.67	8.27	8.12	-	233.31	225.50	234.87	238.73	-
Health services	80	11.71	11.72	12.01	12.03	-	384.09	384.42	392.73	395.79	-
Offices and clinics of medical doctors	801	11.92	11.84	12.15	12.25	-	386.21	380.06	392.45	398.13	-
Offices and clinics of dentists	802	11.34	11.38	11.90	11.92	-	325.46	320.92	333.20	338.53	-
Offices and clinics of other health practitioners	804	10.29	10.33	10.69	10.71	-	307.67	306.80	321.77	323.44	-
Nursing and personal care facilities	805	8.08	8.13	8.39	8.41	-	260.98	261.79	267.64	271.64	-
Intermediate care facilities	8052	7.51	7.54	7.76	7.76	-	238.07	238.26	242.89	246.77	-
Hospitals	806	13.36	13.38	13.68	13.70	-	460.92	462.95	473.33	474.02	-
Home health care services	808	10.36	10.34	10.67	10.63	-	289.04	287.45	297.69	301.89	-
Legal services	81	15.33	15.15	15.45	15.71	-	538.08	524.19	534.57	554.56	-

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				
		May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p	May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p
Services—Continued											
Social services	83	31.4	31.1	31.0	31.3	-	-	-	-	-	-
Individual and family services	832	32.2	31.8	31.7	32.1	-	-	-	-	-	-
Job training and related services	833	31.0	30.5	30.5	31.0	-	-	-	-	-	-
Child day care services	835	30.0	29.6	29.4	29.6	-	-	-	-	-	-
Residential care	836	32.0	31.8	31.8	32.0	-	-	-	-	-	-
Social services, nec	839	32.2	30.8	31.9	32.1	-	-	-	-	-	-
Membership organizations:											
Professional organizations	862	35.1	34.5	35.2	35.4	-	-	-	-	-	-
Engineering and management services	87	37.3	37.0	37.5	37.3	-	-	-	-	-	-
Engineering and architectural services	871	39.3	39.1	38.9	39.5	-	-	-	-	-	-
Engineering services	8711	39.6	39.4	39.1	39.8	-	-	-	-	-	-
Architectural services	8712	38.0	37.7	38.2	38.3	-	-	-	-	-	-
Surveying services	8713	38.6	38.1	38.5	39.2	-	-	-	-	-	-
Accounting, auditing, and bookkeeping	872	36.5	35.8	39.3	36.8	-	-	-	-	-	-
Research and testing services	873	36.7	36.5	36.4	36.5	-	-	-	-	-	-
Commercial physical research	8731	39.1	39.1	38.7	38.6	-	-	-	-	-	-
Commercial nonphysical research	8732	30.7	29.7	29.7	30.0	-	-	-	-	-	-
Noncommercial research organizations	8733	36.0	36.2	36.4	36.9	-	-	-	-	-	-
Management and public relations	874	35.8	35.7	35.3	35.7	-	-	-	-	-	-
Management services	8741	34.6	34.7	33.9	34.5	-	-	-	-	-	-
Management consulting services	8742	36.9	36.5	35.9	36.1	-	-	-	-	-	-
Public relations services	8743	32.7	31.6	31.4	32.4	-	-	-	-	-	-
Services, nec	89	37.2	36.7	40.6	41.0	-	-	-	-	-	-

See footnotes at end of table.

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

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

Industry	1987 SIC Code	Average hourly earnings					Average weekly earnings				
		May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p	May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p
Services—Continued											
Social services	83	\$7.84	\$7.80	\$8.03	\$8.06	-	\$246.18	\$242.58	\$248.93	\$252.28	-
Individual and family services	832	8.42	8.38	8.58	8.63	-	271.12	268.48	271.99	277.02	-
Job training and related services	833	7.60	7.50	7.89	7.93	-	235.80	228.75	240.65	245.83	-
Child day care services	835	6.66	6.56	6.78	6.81	-	199.80	194.18	199.33	201.58	-
Residential care	836	7.99	7.99	8.25	8.25	-	255.68	254.08	262.35	264.00	-
Social services, nec	839	9.05	8.92	9.23	9.35	-	291.41	274.74	294.44	300.14	-
Membership organizations:											
Professional organizations	862	14.88	14.80	15.37	15.50	-	522.29	510.60	541.02	548.70	-
Engineering and management services	87	15.07	14.84	15.24	15.44	-	562.11	549.08	571.50	575.91	-
Engineering and architectural services	871	16.31	16.01	16.56	16.59	-	640.98	625.99	644.18	655.31	-
Engineering services	8711	16.90	16.60	17.22	17.23	-	669.24	654.04	673.30	685.75	-
Architectural services	8712	15.17	14.81	15.12	15.27	-	576.46	558.34	577.58	584.84	-
Surveying services	8713	11.38	11.20	11.83	11.73	-	439.27	426.72	455.46	459.82	-
Accounting, auditing, and bookkeeping	872	13.35	13.06	13.07	13.53	-	487.28	467.55	513.65	497.90	-
Research and testing services	873	16.08	15.88	16.49	16.54	-	590.14	579.62	600.24	603.71	-
Commercial physical research	8731	16.21	17.92	18.71	18.75	-	712.01	700.67	724.08	723.75	-
Commercial nonphysical research	8732	12.35	12.29	12.15	12.57	-	379.15	365.01	360.86	377.10	-
Noncommercial research organizations	8733	17.70	17.30	18.19	18.08	-	637.20	626.26	662.12	667.15	-
Management and public relations	874	13.82	13.63	14.26	14.39	-	494.76	486.59	503.38	513.72	-
Management services	8741	12.67	12.44	12.91	13.15	-	438.38	431.67	437.65	453.68	-
Management consulting services	8742	16.24	16.22	16.66	16.66	-	599.26	592.03	598.09	601.43	-
Public relations services	8743	14.01	13.76	13.56	13.85	-	458.13	434.82	425.78	448.74	-
Services, nec	89	15.94	15.62	14.02	14.54	-	592.97	573.25	569.21	596.14	-

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)			
	Apr. 1993	May 1993	Apr. 1994	May 1994 ^p	Apr. 1993	May 1993	Apr. 1994	May 1994 ^p
Average hourly earnings, excluding lump-sum payments	\$18.19	\$18.29	\$19.31	\$19.34	\$17.22	\$17.20	\$17.89	\$18.03
Average hourly earnings, including lump-sum payments	18.97	18.97	19.35	19.38	17.29	17.26	17.97	18.11

^p = preliminary.

**ESTABLISHMENT DATA
EARNINGS
NOT SEASONALLY ADJUSTED**

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

Industry	May 1993	June 1993	Apr. 1994	May 1994 ^P	June 1994 ^P
Manufacturing	\$11.17	\$11.16	\$11.39	\$11.40	\$11.39
Durable goods	11.72	11.71	11.93	11.93	11.92
Lumber and wood products	9.11	9.11	9.23	9.28	(9)
Furniture and fixtures	8.87	8.91	9.11	9.12	(9)
Stone, clay, and glass products	11.12	11.11	11.29	11.32	(9)
Primary metal industries	13.11	13.16	13.24	13.25	(9)
Fabricated metal products	11.14	11.13	11.26	11.24	(9)
Industrial machinery and equipment	12.03	12.03	12.19	12.21	(9)
Electronic and other electrical equipment	10.71	10.77	10.93	10.96	(9)
Transportation equipment	14.92	14.90	15.35	15.33	(9)
Instruments and related products	11.82	11.79	11.98	11.95	(9)
Miscellaneous manufacturing	9.04	9.07	9.24	9.25	(9)
Nondurable goods	10.46	10.45	10.67	10.68	\$10.69
Food and kindred products	9.96	9.91	10.11	10.11	(9)
Tobacco products	17.51	17.47	18.59	19.28	(9)
Textile mill products	8.41	8.41	8.60	8.59	(9)
Apparel and other textile products	6.89	6.90	7.09	7.08	(9)
Paper and allied products	12.62	12.64	12.87	12.91	(9)
Printing and publishing	11.41	11.43	11.56	11.59	(9)
Chemicals and allied products	14.01	13.99	14.27	14.29	(9)
Petroleum and coal products	17.30	17.26	17.77	17.53	(9)
Rubber and misc. plastics products	10.04	10.02	10.13	10.15	(9)
Leather and leather products	7.38	7.37	7.73	7.72	(9)

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				
	May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p	May 1993	June 1993	Apr. 1994	May 1994 ^p	June 1994 ^p
Total private:										
Current dollars	\$10.82	\$10.78	\$11.07	\$11.09	\$11.03	\$375.45	\$372.30	\$381.92	\$385.93	\$383.84
Constant (1982) dollars	7.39	7.34	7.41	7.42	(^q)	256.45	254.13	255.81	258.15	(^q)
Mining:										
Current dollars	14.73	14.59	14.96	14.91	\$14.75	652.54	644.88	665.72	667.97	\$668.18
Constant (1982) dollars	10.06	9.96	10.02	9.97	(^q)	445.72	440.19	445.89	448.80	(^q)
Construction:										
Current dollars	14.33	14.24	14.49	14.59	\$14.56	561.74	559.63	554.97	579.22	\$578.03
Constant (1982) dollars	9.79	9.72	9.71	9.78	(^q)	383.70	382.00	371.71	387.44	(^q)
Manufacturing:										
Current dollars	11.71	11.71	12.01	12.02	\$12.02	483.62	484.79	504.42	504.84	\$506.04
Constant (1982) dollars	8.00	7.99	8.04	8.04	(^q)	330.34	330.91	337.86	337.69	(^q)
Transportation and public utilities:										
Current dollars	13.57	13.57	13.78	13.79	\$13.75	538.73	538.73	549.82	552.98	\$552.75
Constant (1982) dollars	9.27	9.26	9.23	9.22	(^q)	367.98	367.73	366.27	369.89	(^q)
Wholesale trade:										
Current dollars	11.75	11.86	11.99	11.99	\$11.92	451.20	446.58	459.22	462.81	\$456.92
Constant (1982) dollars	8.03	7.96	8.03	8.02	(^q)	308.20	304.83	307.56	309.57	(^q)
Retail trade:										
Current dollars	7.27	7.26	7.47	7.47	\$7.45	210.10	210.54	214.39	215.88	\$216.80
Constant (1982) dollars	4.97	4.96	5.00	5.00	(^q)	143.51	143.71	143.60	144.40	(^q)
Finance, insurance, and real estate:										
Current dollars	11.36	11.23	11.81	11.84	\$11.67	411.23	399.79	421.62	427.42	\$414.29
Constant (1982) dollars	7.76	7.67	7.91	7.92	(^q)	280.89	272.89	282.40	285.90	(^q)
Services:										
Current dollars	10.76	10.86	11.01	11.03	\$10.92	351.85	347.52	356.72	360.68	\$354.90
Constant (1982) dollars	7.35	7.28	7.37	7.38	(^q)	240.33	237.22	238.93	241.26	(^q)

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Alabama	41.1	42.0	41.5	\$10.25	\$10.64	\$10.66	\$421.28	\$446.88	\$442.39
Birmingham	41.2	42.4	42.6	11.12	11.42	11.42	458.14	484.21	486.49
Mobile	42.7	41.8	39.8	12.55	13.14	13.28	535.89	549.25	528.54
Alaska	36.8	36.8	39.0	13.96	11.42	12.70	513.73	420.26	495.30
Arizona	40.7	41.7	41.8	11.01	11.09	11.08	448.11	482.45	483.14
Arkansas	41.4	42.1	42.0	9.29	9.56	9.66	364.61	402.48	405.72
Fayetteville-Springdale-Rogers	41.7	41.3	42.1	9.25	9.51	9.62	385.73	392.76	405.00
Fort Smith	41.6	41.3	41.2	9.56	9.56	10.08	398.53	394.63	414.47
Little Rock-North Little Rock	41.2	43.4	43.7	10.13	10.28	10.28	417.36	446.15	449.24
Pine Bluff	45.6	42.1	41.4	10.52	10.92	10.91	479.71	459.73	451.67
California	40.7	41.2	41.2	12.29	12.44	12.51	500.20	512.53	515.41
Bakersfield	39.6	40.4	39.8	12.83	12.26	12.25	508.07	495.30	485.10
Fresno	41.0	40.9	40.7	10.28	10.78	10.84	421.48	440.90	441.19
Los Angeles-Long Beach	41.3	42.0	41.9	11.43	11.66	11.70	472.06	490.56	490.23
Modesto	39.2	40.2	40.4	12.09	11.92	12.26	473.93	479.16	495.30
Oakland	40.5	41.3	41.9	14.39	15.24	15.34	582.80	629.41	642.75
Orange County	40.2	40.6	40.1	12.20	12.27	12.32	490.44	500.62	494.03
Riverside-San Bernardino	40.9	41.3	41.3	11.47	11.48	11.45	468.12	474.12	472.89
Sacramento	40.4	40.2	40.5	12.95	13.06	13.10	523.16	525.01	530.55
Salinas	39.9	39.8	39.8	12.58	12.83	12.62	501.94	510.83	502.28
San Diego	40.5	39.6	39.9	12.50	12.43	12.43	506.25	494.71	495.96
San Francisco	40.1	39.6	39.8	13.40	13.68	13.85	537.34	552.42	551.23
San Jose	41.5	41.5	41.6	14.90	14.77	14.81	618.35	612.96	616.10
Santa Barbara-Santa Maria-Lompoc	41.7	40.1	40.5	12.79	12.69	12.85	533.34	508.87	520.43
Santa Rosa	39.4	39.4	39.2	13.29	13.41	13.63	523.63	528.35	534.30
Stockton-Lodi	42.1	41.5	41.1	12.25	12.30	12.49	515.73	510.45	513.34
Vallejo-Fairfield-Napa	39.7	37.2	39.4	14.42	14.77	14.77	572.47	549.44	581.94
Ventura	41.1	40.9	41.3	11.55	11.71	11.84	474.71	476.94	480.73
Colorado	41.2	41.3	41.2	12.04	12.26	12.39	496.05	506.34	510.47
Denver	41.4	41.7	41.3	12.91	12.55	12.66	534.47	523.34	522.86
Connecticut	41.9	42.9	42.8	12.85	13.47	13.47	538.42	577.86	576.52
Bridgeport	41.6	42.4	41.9	13.36	13.91	13.93	555.78	589.76	583.67
Danbury	41.6	43.6	43.2	12.67	12.84	12.74	529.61	559.82	550.37
Hartford	41.5	42.6	42.5	13.95	14.19	14.29	576.93	604.49	607.33
New Haven-Meriden	41.6	42.6	42.6	12.73	12.80	12.58	532.11	545.28	535.91
Stamford-Norwalk	42.2	42.8	42.3	12.79	12.71	12.63	539.74	543.99	542.71
Waterbury	43.6	43.4	43.7	11.55	12.11	12.06	505.69	525.57	527.02
Delaware	42.6	43.7	44.7	13.84	13.83	14.29	589.56	604.37	638.76
Wilmington-Newark	43.5	44.3	47.3	16.54	16.13	16.92	719.49	714.56	800.32
District of Columbia:									
Washington PMSA	39.4	39.6	40.1	13.32	13.44	13.35	524.61	532.22	535.34
Florida	41.0	41.4	41.3	9.71	9.93	9.97	396.11	411.10	411.76
Georgia	41.6	42.2	42.4	10.03	10.25	10.21	417.25	432.55	432.90
Atlanta	41.1	41.2	41.9	11.04	11.43	11.48	453.74	470.92	481.01
Savannah	45.7	45.3	46.4	13.09	13.19	13.16	598.21	597.51	610.62
Hawaii	39.4	38.4	37.5	12.01	12.25	12.49	473.19	470.40	466.38
Honolulu	39.1	37.7	37.9	12.32	12.60	12.73	481.71	475.02	482.47
Idaho	41.0	39.3	40.4	12.04	11.98	11.78	493.64	470.61	475.91
Illinois	41.3	42.0	41.9	12.02	12.22	12.25	496.43	513.24	513.28
Bloomington-Normal	40.6	43.5	42.7	15.85	16.29	16.20	835.39	708.62	691.74
Champaign-Urbana	41.4	39.1	39.0	10.33	10.61	10.55	427.66	414.85	411.45
Chicago	41.4	42.0	41.9	12.13	12.17	12.19	502.18	511.14	510.78
Davenport-Moline-Rock Island	42.2	41.4	41.2	13.66	14.00	13.98	585.74	579.60	575.15
Decatur	42.1	43.7	43.4	15.01	15.20	15.17	631.92	664.24	656.38
Kankakee	41.6	42.8	41.5	12.53	13.16	13.14	521.25	563.25	545.31
Peoria-Pekin	42.4	41.8	42.0	14.52	15.31	15.17	615.65	636.90	637.14
Rockford	41.6	42.1	42.3	13.11	13.45	13.53	548.00	566.25	572.32
Springfield	40.3	40.4	40.3	11.62	11.75	11.78	468.29	474.70	474.73
Indiana	42.7	43.6	43.3	13.14	13.85	13.66	581.08	595.14	592.34
Bloomington	42.6	40.8	39.4	12.54	12.23	12.40	534.20	498.98	488.56
Elkhart-Goshen	39.7	40.9	40.4	10.89	11.54	11.33	432.33	471.99	457.73
Evansville-Henderson	42.2	45.6	43.5	13.08	13.36	13.44	551.98	609.22	584.64
Fort Wayne	43.1	43.9	43.5	12.75	13.69	13.47	549.53	600.99	585.95

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Indiana—Continued									
Gary	43.9	44.5	44.5	\$17.38	\$17.74	\$17.95	\$762.10	\$789.43	\$798.78
Indianapolis	42.0	43.5	44.0	14.80	14.81	14.62	621.60	644.24	643.28
Kokomo	44.0	49.6	48.0	18.55	18.66	19.19	616.20	925.54	921.12
Lafayette	41.8	38.4	41.7	13.34	14.63	14.21	557.61	581.79	592.56
Muncie	43.9	46.1	45.2	14.28	15.04	14.75	626.89	693.34	666.70
South Bend	41.8	43.0	42.4	12.06	12.62	12.53	504.11	542.66	531.27
Terre Haute	44.4	41.6	42.9	13.35	13.00	13.40	592.74	540.80	574.86
Iowa									
.....	41.2	42.2	41.8	12.19	12.43	12.48	502.23	524.55	521.86
Cedar Rapids	40.8	41.3	41.3	14.77	15.39	15.06	602.62	635.61	622.80
Des Moines	39.5	40.9	38.7	13.05	12.83	13.10	515.48	524.75	506.97
Dubuque	40.1	40.6	41.2	12.69	13.02	13.07	508.67	531.22	538.48
Sioux City	40.2	41.6	38.7	9.79	10.24	10.09	393.56	425.98	390.48
Kansas									
.....	41.1	41.6	41.6	11.92	12.05	12.10	489.91	501.28	503.36
Topeka	42.5	42.2	42.2	13.86	13.66	13.78	569.05	576.45	581.52
Wichita	41.4	40.5	40.6	13.80	13.63	13.76	571.32	552.02	558.66
Kentucky									
.....	40.4	41.7	41.8	11.47	11.91	11.93	463.39	496.65	498.67
Lexington	40.8	41.8	42.2	12.17	12.63	12.83	496.54	527.93	541.43
Louisville	40.7	43.0	42.6	12.98	13.92	13.79	527.47	598.58	587.45
Louisiana									
.....	42.0	43.7	43.7	12.63	13.06	13.11	530.48	570.72	572.91
Baton Rouge	43.4	43.2	44.2	14.95	15.30	15.57	648.83	660.96	688.19
New Orleans	41.7	44.9	44.3	13.00	13.29	13.24	542.10	596.72	586.53
Shreveport—Bossier City	40.0	45.9	44.0	12.72	13.99	13.73	508.80	642.14	604.12
Maine									
.....	40.6	40.8	40.6	11.84	11.78	11.76	472.56	480.82	477.46
Lewiston—Auburn	39.4	42.8	39.8	10.01	9.32	9.77	394.39	396.90	388.85
Portland	38.2	39.5	38.6	10.71	10.80	11.14	409.12	418.70	430.00
Maryland									
.....	41.2	41.8	41.7	12.79	13.00	13.01	526.95	540.80	542.52
Baltimore PMSA	41.7	41.9	42.1	13.38	13.59	13.62	557.95	569.42	573.40
Massachusetts									
.....	41.2	41.6	41.8	12.34	12.51	12.57	508.41	520.42	525.43
Boston	40.8	40.7	40.8	12.90	13.04	13.11	526.32	530.73	534.89
Springfield	42.9	42.6	42.8	12.67	12.61	12.66	543.54	537.19	541.85
Worcester	41.3	41.0	41.4	11.33	11.72	11.75	467.93	480.52	486.45
Michigan									
.....	43.0	44.6	44.8	15.33	18.26	16.19	659.19	725.20	725.31
Ann Arbor	44.2	45.7	45.4	16.12	16.75	16.57	712.50	765.47	752.28
Detroit	44.9	46.5	47.0	16.33	17.37	17.26	733.22	807.70	812.16
Flint	43.3	48.2	48.3	19.84	21.82	21.85	650.41	1051.72	1055.35
Grand Rapids—Muskegon—Holland	41.6	42.6	42.5	12.77	13.14	13.13	531.23	559.76	558.02
Jackson	42.0	43.0	43.3	10.89	11.48	11.45	457.38	493.64	495.78
Kalamazoo—Battle Creek	43.0	44.9	44.5	14.56	15.04	14.99	626.06	675.30	667.05
Lansing—East Lansing	40.9	45.6	45.9	16.57	18.05	17.98	677.71	823.08	625.28
Saginaw—Bay City—Midland	45.1	48.0	46.3	17.62	18.27	18.20	794.66	840.42	642.66
Minnesota									
.....	40.7	41.2	40.8	12.19	12.50	12.49	496.13	515.00	509.59
Duluth—Superior	39.3	39.1	39.2	11.49	11.79	11.96	451.56	460.99	468.83
Minneapolis—St. Paul	40.8	41.3	41.1	12.96	13.16	13.10	526.77	543.51	538.41
St. Cloud	38.9	39.4	39.0	10.69	11.49	11.55	415.84	452.71	450.45
Mississippi									
.....	40.4	42.0	41.7	9.12	9.42	9.39	368.45	395.64	391.56
Jackson	39.4	42.2	41.4	9.78	10.16	10.12	385.33	428.75	418.97
Missouri									
.....	41.5	41.8	41.9	11.47	11.69	11.72	478.01	486.64	491.07
Kansas City	40.6	42.8	43.1	13.23	13.84	13.95	537.14	592.35	601.25
St. Louis	42.6	43.7	43.3	13.59	13.49	13.51	578.93	589.51	584.98
Springfield	40.3	40.7	40.8	9.89	10.05	10.05	396.57	409.04	410.04
Montana									
.....	38.0	39.4	39.2	12.25	12.19	12.48	485.50	460.29	489.22
Nebraska									
.....	39.9	41.6	42.2	10.41	10.88	10.89	415.36	452.61	459.56
Lincoln	38.4	40.8	42.1	11.82	12.73	12.33	453.89	516.84	519.09
Omaha	39.7	42.3	41.6	10.94	11.55	11.72	434.32	486.57	487.55
Nevada									
.....	42.1	40.9	41.5	11.56	11.89	11.84	486.68	478.12	483.06
Las Vegas	41.0	38.9	40.2	12.81	13.28	12.71	525.21	516.59	510.94

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
New Hampshire	41.8	41.7	42.1	\$11.58	\$11.58	\$11.49	\$484.04	\$482.05	\$483.73
Manchester	40.2	41.8	42.1	11.30	11.50	11.66	454.26	480.70	490.89
Nashua	41.0	40.6	41.1	13.84	14.22	14.07	567.44	577.33	578.28
Portsmouth-Rochester	42.6	41.0	41.0	11.14	11.10	11.14	474.58	455.10	456.74
New Jersey	41.3	41.8	41.9	12.91	13.28	13.24	533.18	555.10	554.76
New Mexico	41.0	41.8	40.2	9.68	9.84	9.93	396.88	411.31	399.19
Albuquerque	41.4	40.8	40.8	10.28	10.49	10.50	425.59	427.99	428.40
New York	40.4	41.1	41.1	11.94	12.08	12.15	482.38	496.49	499.37
Albany-Schenectady-Troy	40.8	40.7	41.2	13.25	13.56	13.52	537.95	551.89	557.02
Binghamton	40.9	41.7	42.0	9.81	9.75	9.81	401.23	406.58	412.02
Buffalo-Niagara Falls	44.0	43.5	43.7	14.80	15.19	15.32	651.20	660.77	669.48
Dutchess County	41.1	38.7	39.6	10.95	10.58	10.80	450.05	409.45	419.76
Elmira	43.3	43.0	44.0	11.25	10.91	11.29	487.13	469.13	496.76
Nassau-Suffolk	40.2	40.8	40.6	11.26	11.43	11.37	452.65	466.34	481.62
New York PMSA	37.9	38.5	38.5	10.76	10.95	10.85	407.80	421.58	417.73
New York City	37.4	38.0	37.9	10.46	10.69	10.56	391.20	408.22	400.22
Newburgh	41.1	41.5	41.3	10.57	10.85	10.85	434.43	450.28	448.11
Rochester	41.7	42.8	43.0	13.88	13.79	13.93	578.80	590.21	598.99
Rockland County	43.2	44.5	43.3	13.93	14.05	14.02	801.78	825.23	807.07
Syracuse	41.7	43.0	43.3	13.20	12.81	13.07	550.44	550.83	565.93
Utica-Rome	41.0	42.1	41.8	11.10	10.84	10.87	455.10	456.36	454.37
Westchester County	40.4	41.2	42.0	12.09	11.94	12.03	488.44	491.93	505.28
North Carolina	40.7	41.1	41.2	9.74	10.12	10.15	396.42	415.93	418.18
Asheville	40.3	40.9	41.4	9.73	9.96	9.98	392.12	407.36	413.17
Charlotte-Gastonia-Rock Hill	41.3	41.5	41.6	10.30	10.69	10.70	425.39	443.64	445.12
Greensboro-Winston-Salem-High Point	39.9	40.5	40.7	10.28	10.69	10.70	410.17	432.95	435.49
Raleigh-Durham-Chapel Hill	41.3	41.2	41.3	10.28	10.86	10.89	423.74	447.43	449.76
North Dakota	41.3	40.4	42.9	9.76	10.03	10.08	403.09	405.21	432.43
Fargo-Moorhead	39.2	42.5	38.9	9.34	9.60	9.80	366.13	408.00	361.22
Ohio	43.0	43.9	44.0	14.05	14.40	14.36	604.15	632.16	631.84
Akron	43.2	43.2	43.5	12.72	12.46	12.46	549.50	538.27	542.01
Canton-Massillon	41.2	42.0	42.2	12.29	12.67	12.71	506.35	532.14	536.38
Cincinnati	41.6	43.2	42.8	12.79	13.14	13.05	532.06	567.65	558.54
Cleveland-Lorain-Elyria	43.3	43.6	44.1	14.05	14.11	14.14	608.37	615.20	623.57
Columbus	41.7	42.0	42.0	13.00	13.32	13.23	542.10	559.44	555.66
Dayton-Springfield	43.8	45.3	45.6	15.48	15.80	15.74	677.15	715.74	717.74
Toledo	44.5	46.2	44.9	15.52	15.94	15.72	690.64	736.43	705.83
Youngstown-Warren	43.6	44.7	45.3	15.99	16.35	16.47	697.16	730.65	746.09
Oklahoma	42.3	43.3	43.6	11.51	11.70	11.66	486.87	506.61	506.38
Oklahoma City	44.7	43.3	44.2	12.55	13.40	13.34	560.99	560.22	569.83
Tulsa	41.2	41.7	42.4	12.10	12.01	12.04	498.52	500.82	510.50
Oregon	40.0	40.0	40.7	12.20	12.22	12.30	488.00	488.80	500.61
Eugene-Springfield	39.4	39.4	39.9	12.26	12.31	12.46	483.04	485.01	497.15
Medford-Ashland	41.8	41.2	41.6	11.71	11.76	11.84	489.48	484.51	492.54
Portland-Vancouver	40.3	40.1	40.6	12.42	12.53	12.61	500.53	502.45	511.97
Salem	38.4	39.2	39.2	10.74	10.81	10.56	412.42	423.75	413.95
Pennsylvania	41.1	41.6	41.7	12.01	12.35	12.36	493.61	513.76	515.41
Allentown-Bethlehem-Easton	39.9	40.4	40.2	11.40	11.95	11.95	454.66	482.78	480.39
Altoona	40.1	41.2	41.0	10.05	10.75	10.71	403.01	442.90	439.11
Erie	43.9	44.5	44.4	12.64	13.07	13.05	554.90	581.62	579.42
Harrisburg-Lebanon-Carlisle	40.5	40.1	39.7	11.51	11.80	11.70	466.16	485.16	464.49
Johnstown	39.5	41.0	40.2	9.02	9.28	9.26	358.29	380.48	372.25
Lancaster	40.2	41.0	40.9	11.86	12.36	12.40	476.77	506.76	507.16
Philadelphia PMSA	40.8	41.5	41.6	13.33	13.66	13.61	543.66	567.72	568.18
Pittsburgh	41.7	42.5	42.5	13.09	13.09	13.12	545.02	556.33	557.60
Reading	40.9	42.1	42.5	12.37	12.74	12.95	505.93	536.35	550.38
Scranton-Wilkes-Barre-Hazleton	39.3	40.1	39.8	10.41	10.77	10.74	409.11	431.88	427.45
Sharon	43.6	44.9	44.4	11.95	12.42	12.39	521.02	557.66	550.12
State College	39.5	40.2	41.1	10.56	10.47	10.38	417.12	420.69	426.62
Williamsport	40.0	41.4	41.0	10.22	10.65	10.70	408.80	440.91	438.70
York	42.3	42.6	42.6	12.39	12.62	12.57	524.10	537.61	535.48

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Rhode Island	39.9	40.7	40.9	\$10.01	\$10.30	\$10.36	\$399.40	\$419.21	\$423.72
Providence-Fall River-Warwick	40.3	40.5	40.1	10.07	10.40	10.57	405.82	421.20	423.86
South Carolina	41.5	41.4	41.5	9.80	9.96	9.98	406.70	412.34	414.17
South Dakota	41.6	43.1	42.8	8.79	9.12	9.05	365.66	393.07	387.34
Rapid City	41.0	42.5	42.0	8.87	9.32	9.48	363.67	396.10	398.16
Sioux Falls	40.5	42.4	43.0	8.90	9.84	9.56	360.45	417.22	411.08
Tennessee	40.8	41.0	40.9	10.26	10.50	10.44	418.61	430.50	427.00
Chattanooga	40.9	41.8	41.9	9.84	10.03	10.05	394.26	419.25	421.10
Johnson City-Kingsport-Bristol	39.5	37.5	37.7	10.61	10.50	10.55	419.10	393.75	397.74
Knoxville	39.6	39.7	39.6	10.32	10.22	10.16	408.67	405.73	404.37
Memphis	41.6	41.8	41.5	10.45	10.81	10.84	434.72	451.86	449.86
Nashville	40.3	41.0	40.4	11.28	11.25	11.22	453.76	481.25	453.29
Texas	42.6	43.3	43.3	11.04	11.09	11.07	470.30	480.20	479.33
Dallas	43.0	43.7	43.0	10.86	10.83	10.81	466.98	473.27	464.83
Ft. Worth-Arlington	42.0	42.6	43.0	12.35	12.54	12.50	518.70	534.20	537.50
Houston	44.7	44.4	44.8	13.67	13.43	13.24	611.05	596.29	593.15
San Antonio	42.6	42.1	42.8	6.47	6.88	6.87	362.52	373.85	379.64
Utah	39.4	39.9	40.3	10.95	11.12	11.27	431.43	443.69	454.18
Salt Lake City-Ogden	40.9	41.0	40.8	11.24	11.15	11.38	459.72	457.15	464.30
Vermont	41.5	40.3	40.2	11.98	11.60	11.53	497.17	467.48	463.51
Burlington	43.6	39.1	40.5	12.31	11.48	11.48	539.18	448.67	464.94
Virginia	41.0	41.5	41.8	10.78	11.24	11.18	441.96	466.46	467.32
Bristol	41.0	42.8	42.0	9.84	10.25	10.35	395.24	438.70	434.70
Charlottesville	40.3	39.3	39.0	9.77	10.04	9.88	393.73	394.57	384.54
Danville	41.8	42.4	43.4	10.75	11.28	10.96	449.35	478.27	475.66
Lynchburg	43.2	44.4	44.0	10.75	10.84	10.91	464.40	481.30	480.04
Northern Virginia	41.1	40.9	41.5	12.02	11.97	11.97	494.02	489.57	496.78
Richmond-Petersburg	41.6	42.5	42.9	13.66	14.38	14.46	569.09	610.30	621.19
Roanoke	39.7	39.9	40.8	12.48	12.51	12.49	494.86	499.15	509.59
Washington	40.3	40.3	41.2	13.60	14.19	14.09	556.14	571.66	580.51
West Virginia	41.5	41.2	40.8	12.25	12.57	12.46	508.38	517.86	508.37
Charleston	47.8	46.4	47.6	15.38	14.69	14.31	732.09	711.00	681.16
Huntington-Ashland	41.8	43.1	43.9	14.59	14.18	14.28	609.86	611.18	626.89
Parkersburg-Marietta	41.5	41.3	40.3	14.90	15.32	14.77	618.35	632.72	595.23
Wheeling	41.5	40.9	39.7	14.05	14.50	14.31	583.08	593.05	568.11
Wisconsin	41.6	42.3	42.5	12.17	12.38	12.39	506.27	523.87	526.58
Appleton-Oshkosh-Neenah	43.5	44.9	44.7	13.17	13.63	13.52	572.90	611.99	604.34
Eau Claire	40.1	43.5	43.9	12.29	13.19	13.13	492.83	573.77	578.41
Green Bay	42.4	41.1	41.7	13.10	13.08	13.12	555.44	537.59	547.10
Janesville-Beloit	45.2	45.8	45.0	15.63	16.57	16.74	706.48	755.59	753.30
Kenosha	39.0	39.2	39.5	12.98	13.31	13.65	506.22	521.75	539.18
La Crosse	40.7	41.5	42.0	10.45	10.30	10.46	425.32	427.45	439.32
Madison	40.3	41.7	41.0	11.08	11.66	11.79	446.52	466.22	483.39
Milwaukee-Waukesha	40.9	42.3	42.2	13.05	13.38	13.31	533.75	565.97	561.88
Racine	40.3	41.1	40.9	12.18	12.58	12.65	490.85	517.04	517.39
Sheboygan	40.7	43.1	42.7	12.15	12.34	12.45	494.51	531.65	531.62
Wausau	41.8	42.4	42.8	11.64	11.50	11.69	466.55	467.60	500.33
Wyoming	39.0	39.6	40.4	11.51	12.39	12.21	448.89	490.64	493.28
Puerto Rico	(¹)	40.0	40.3	(¹)	7.28	7.28	(¹)	291.20	292.58
Virgin Islands	42.7	41.8	42.0	14.71	15.03	15.05	626.12	626.25	632.10

¹ 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.

**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						
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June
NORTHEAST													
Civilian noninstitutional population ²	39,577	39,582	39,584	39,589	39,596	39,599	39,601	39,696	39,697	39,695	39,700	39,704	39,715
Civilian labor force	25,566	25,567	25,622	25,525	25,562	25,527	25,469	25,464	25,379	25,622	25,410	25,250	25,488
Employed	23,756	23,766	23,786	23,726	23,754	23,772	23,734	23,765	23,677	23,794	23,637	23,652	23,848
Unemployed	1,810	1,801	1,836	1,800	1,807	1,755	1,735	1,700	1,702	1,828	1,773	1,598	1,640
Unemployment rate	7.1	7.0	7.2	7.1	7.1	6.9	6.8	6.7	6.7	7.1	7.0	6.3	6.4
New England													
Civilian noninstitutional population ²	10,214	10,214	10,217	10,218	10,218	10,219	10,221	10,221	10,219	10,216	10,216	10,215	10,217
Civilian labor force	7,055	7,052	7,065	7,065	7,055	6,979	6,963	6,977	7,031	7,000	6,909	6,879	6,911
Employed	6,597	6,606	6,610	6,608	6,599	6,547	6,541	6,518	6,588	6,592	6,519	6,473	6,509
Unemployed	458	446	455	457	457	432	423	459	444	407	390	406	402
Unemployment rate	6.5	6.3	6.4	6.5	6.5	6.2	6.1	6.6	6.3	5.8	5.6	5.9	5.8
Middle Atlantic													
Civilian noninstitutional population ²	29,335	29,341	29,345	29,351	29,358	29,363	29,366	29,475	29,478	29,479	29,484	29,488	29,498
Civilian labor force	18,511	18,515	18,557	18,460	18,506	18,548	18,506	18,488	18,347	18,623	18,500	18,371	18,578
Employed	17,159	17,160	17,176	17,118	17,155	17,225	17,193	17,247	17,089	17,202	17,117	17,179	17,399
Unemployed	1,352	1,355	1,381	1,342	1,351	1,323	1,313	1,241	1,258	1,421	1,383	1,191	1,239
Unemployment rate	7.3	7.3	7.4	7.3	7.3	7.1	7.1	6.7	6.9	7.6	7.5	6.5	6.7
SOUTH													
Civilian noninstitutional population ²	66,598	66,677	66,750	66,832	66,911	66,989	67,057	68,136	68,206	68,273	68,347	68,420	68,506
Civilian labor force	44,119	44,120	44,288	44,224	44,400	44,577	44,567	44,907	44,882	44,688	44,983	45,136	44,935
Employed	41,215	41,229	41,417	41,540	41,547	41,790	41,907	42,067	42,040	41,854	42,238	42,459	42,289
Unemployed	2,904	2,891	2,871	2,684	2,853	2,787	2,660	2,840	2,842	2,834	2,745	2,677	2,646
Unemployment rate	6.6	6.6	6.5	6.1	6.4	6.3	6.0	6.3	6.3	6.3	6.1	5.9	5.9
South Atlantic													
Civilian noninstitutional population ²	34,947	34,987	35,033	35,082	35,128	35,171	35,212	35,251	35,288	35,322	35,360	35,399	35,445
Civilian labor force	22,964	22,904	22,960	22,936	23,032	23,081	23,132	23,225	23,281	23,197	23,239	23,298	23,295
Employed	21,495	21,445	21,505	21,619	21,608	21,740	21,783	21,750	21,902	21,777	21,847	21,937	22,013
Unemployed	1,470	1,459	1,455	1,317	1,425	1,341	1,350	1,475	1,379	1,420	1,391	1,361	1,283
Unemployment rate	6.4	6.4	6.3	5.7	6.2	5.8	5.8	6.3	5.9	6.1	6.0	5.8	5.5
East South Central													
Civilian noninstitutional population ²	11,937	11,949	11,962	11,976	11,990	12,002	12,015	12,027	12,038	12,047	12,059	12,069	12,083
Civilian labor force	7,523	7,518	7,516	7,509	7,475	7,495	7,522	7,656	7,599	7,597	7,718	7,819	7,670
Employed	7,032	7,038	7,047	7,041	7,024	7,055	7,111	7,178	7,109	7,190	7,294	7,423	7,246
Unemployed	490	480	470	468	451	440	411	478	490	407	423	395	424
Unemployment rate	6.5	6.4	6.2	6.2	6.0	5.9	5.5	6.2	6.4	5.4	5.5	5.1	5.5
West South Central													
Civilian noninstitutional population ²	20,666	20,694	20,720	20,750	20,779	20,806	20,832	20,858	20,881	20,903	20,927	20,951	20,978
Civilian labor force	13,832	13,698	13,813	13,779	13,892	14,001	13,912	14,027	14,002	13,894	14,027	14,019	13,989
Employed	12,689	12,747	12,866	12,880	12,915	12,995	13,013	13,139	13,029	12,887	13,097	13,099	13,030
Unemployed	944	952	947	899	977	1,006	899	888	973	1,007	930	921	939
Unemployment rate	6.9	6.9	6.9	6.5	7.0	7.2	6.5	6.3	6.9	7.2	6.6	6.6	6.7

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					
	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May.	June
MIDWEST													
Civilian noninstitutional population ²	46,155	46,191	46,219	46,253	46,287	46,317	46,346	46,038	46,054	46,069	46,093	46,116	46,145
Civilian labor force	31,405	31,491	31,518	31,384	31,500	31,614	31,696	31,710	31,931	31,768	31,764	31,866	31,705
Employed	29,449	29,631	29,749	29,524	29,632	29,792	29,880	29,819	30,188	29,929	30,100	30,371	30,273
Unemployed	1,956	1,860	1,769	1,860	1,868	1,822	1,815	1,891	1,743	1,838	1,664	1,514	1,432
Unemployment rate	6.2	5.9	5.6	5.9	5.9	5.8	5.7	6.0	5.5	5.8	5.2	4.7	4.5
East North Central													
Civilian noninstitutional population ²	32,434	32,451	32,472	32,495	32,516	32,535	32,553	32,570	32,582	32,591	32,608	32,622	32,643
Civilian labor force	21,876	21,945	21,957	21,770	21,857	21,988	22,118	22,129	22,330	22,236	22,182	22,187	22,049
Employed	20,422	20,552	20,621	20,355	20,464	20,621	20,770	20,711	20,995	20,886	20,940	20,992	20,973
Unemployed	1,455	1,393	1,336	1,416	1,393	1,367	1,349	1,418	1,335	1,350	1,243	1,195	1,076
Unemployment rate	6.7	6.3	6.1	6.5	6.4	6.2	6.1	6.4	6.0	6.1	5.6	5.4	4.9
West North Central													
Civilian noninstitutional population ²	13,403	13,412	13,422	13,433	13,442	13,452	13,459	13,468	13,473	13,478	13,485	13,493	13,502
Civilian labor force	9,529	9,546	9,561	9,614	9,643	9,626	9,577	9,581	9,601	9,532	9,582	9,698	9,656
Employed	9,027	9,079	9,128	9,170	9,168	9,171	9,111	9,108	9,193	9,044	9,161	9,380	9,300
Unemployed	502	467	433	444	475	455	466	473	408	488	421	319	356
Unemployment rate	5.3	4.9	4.5	4.6	4.9	4.7	4.9	4.9	4.3	5.1	4.4	3.3	3.7
WEST													
Civilian noninstitutional population ²	41,126	41,184	41,240	41,297	41,357	41,415	41,469	42,083	42,133	42,175	42,222	42,271	42,327
Civilian labor force	27,679	27,861	27,719	27,801	27,914	27,936	28,037	28,589	28,600	28,515	28,411	28,458	28,071
Employed	25,484	25,540	25,527	25,582	25,723	25,848	25,997	26,302	26,433	26,456	26,218	26,390	26,000
Unemployed	2,195	2,321	2,193	2,219	2,191	2,088	2,041	2,287	2,167	2,059	2,193	2,068	2,071
Unemployment rate	7.9	8.3	7.9	8.0	7.8	7.5	7.3	8.0	7.6	7.2	7.7	7.3	7.4
Mountain													
Civilian noninstitutional population ²	10,908	10,936	10,962	10,991	11,019	11,045	11,071	11,096	11,123	11,146	11,170	11,195	11,222
Civilian labor force	7,384	7,385	7,416	7,386	7,432	7,472	7,487	7,622	7,794	7,802	7,800	7,767	7,637
Employed	6,947	6,979	6,988	6,956	7,009	7,055	7,107	7,232	7,394	7,408	7,392	7,348	7,229
Unemployed	437	405	428	429	424	417	380	390	400	395	408	419	407
Unemployment rate	5.9	5.5	5.8	5.8	5.7	5.6	5.1	5.1	5.1	5.1	5.2	5.4	5.3
Pacific													
Civilian noninstitutional population ²	30,793	30,820	30,849	30,880	30,909	30,937	30,963	30,987	31,010	31,029	31,052	31,075	31,105
Civilian labor force	20,295	20,476	20,304	20,415	20,482	20,464	20,550	20,967	20,806	20,713	20,611	20,691	20,434
Employed	18,538	18,560	18,539	18,626	18,714	18,793	18,889	19,070	19,038	19,049	18,826	19,042	18,770
Unemployed	1,758	1,916	1,765	1,790	1,767	1,671	1,661	1,897	1,767	1,664	1,785	1,649	1,664
Unemployment rate	8.7	9.4	8.7	8.8	8.6	8.2	8.1	9.0	8.5	8.0	8.7	8.0	8.1

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				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
Alabama													
Civilian labor force	1,986.0	1,993.0	1,998.0	1,993.4	1,993.0	1,997.2	1,999.2	1,995.1	2,010.1	1,987.0	1,979.6	1,974.0	2,008.5
Employed	1,838.3	1,840.9	1,840.2	1,840.3	1,840.7	1,845.0	1,847.1	1,847.4	1,846.9	1,848.8	1,851.4	1,859.5	1,891.1
Unemployed	147.7	152.1	157.8	153.1	152.4	152.2	152.1	147.7	163.2	138.2	128.2	114.5	117.4
Unemployment rate	7.4	7.6	7.9	7.7	7.6	7.6	7.8	7.4	8.1	7.0	6.5	5.8	5.8
Alaska													
Civilian labor force	299.0	299.1	298.5	298.6	300.5	300.7	302.3	302.0	308.0	311.3	309.7	309.3	309.5
Employed	275.2	276.1	276.1	276.8	278.1	278.1	279.6	279.3	281.5	285.7	284.2	283.5	283.8
Unemployed	23.8	23.0	22.4	21.8	22.4	22.5	22.7	22.7	26.5	25.6	25.5	25.8	25.7
Unemployment rate	8.0	7.7	7.5	7.3	7.5	7.5	7.5	7.5	8.6	8.2	8.3	8.3	8.3
Arizona													
Civilian labor force	1,829.4	1,831.5	1,835.8	1,841.5	1,846.2	1,851.5	1,852.7	1,858.4	1,929.4	1,963.6	1,996.2	2,006.9	2,004.0
Employed	1,716.5	1,721.9	1,727.6	1,732.5	1,738.0	1,739.5	1,740.9	1,746.2	1,833.9	1,861.4	1,886.7	1,894.1	1,885.6
Unemployed	112.8	109.6	108.2	109.0	110.2	112.0	111.8	112.2	95.5	102.2	109.5	112.8	118.3
Unemployment rate	6.2	6.0	5.9	5.9	6.0	6.1	6.0	6.0	5.0	5.2	5.5	5.6	5.9
Arkansas													
Civilian labor force	1,161.4	1,182.3	1,163.7	1,164.9	1,165.7	1,166.8	1,168.0	1,166.5	1,200.3	1,199.2	1,199.3	1,208.8	1,207.4
Employed	1,088.8	1,090.7	1,092.6	1,093.7	1,094.6	1,095.9	1,097.5	1,097.6	1,133.2	1,138.5	1,139.3	1,146.8	1,141.2
Unemployed	72.6	71.6	70.9	71.2	71.1	70.9	70.5	69.0	67.2	62.7	60.0	61.9	66.2
Unemployment rate	6.3	6.2	6.1	6.1	6.1	6.1	6.0	5.9	5.6	5.2	5.0	5.1	5.5
California¹													
Civilian labor force	15,299.1	15,184.4	15,296.9	15,153.9	15,218.7	15,314.8	15,209.0	15,215.8	15,625.8	15,596.9	15,547.2	15,559.5	15,513.2
Employed	13,938.2	13,793.8	13,829.4	13,771.4	13,808.6	13,836.5	13,860.8	13,884.0	14,040.7	14,189.6	14,205.0	14,066.5	14,224.9
Unemployed	1,382.9	1,390.6	1,467.5	1,382.5	1,410.1	1,478.3	1,348.4	1,331.8	1,584.9	1,407.2	1,342.2	1,493.0	1,288.3
Unemployment rate	8.9	9.2	9.6	9.1	9.3	9.7	8.9	8.8	10.1	9.0	8.6	9.6	8.3
Colorado													
Civilian labor force	1,889.0	1,898.8	1,909.9	1,913.4	1,913.8	1,929.1	1,943.7	1,954.3	1,968.0	1,968.4	1,958.3	1,958.6	1,968.8
Employed	1,790.2	1,801.2	1,813.9	1,817.2	1,817.9	1,832.1	1,846.7	1,858.1	1,855.2	1,858.1	1,856.2	1,853.3	1,866.2
Unemployed	98.8	97.6	96.1	96.2	96.0	97.0	97.0	96.2	112.8	110.3	102.0	105.3	102.7
Unemployment rate	5.2	5.1	5.0	5.0	5.0	5.0	5.0	4.9	5.7	5.6	5.2	5.4	5.2
Connecticut													
Civilian labor force	1,792.1	1,790.2	1,788.4	1,787.3	1,784.4	1,785.6	1,782.4	1,779.2	1,796.6	1,820.8	1,806.0	1,787.9	1,767.0
Employed	1,679.4	1,678.1	1,678.6	1,678.9	1,674.6	1,676.5	1,675.6	1,674.4	1,716.2	1,729.3	1,712.7	1,698.1	1,675.9
Unemployed	112.7	112.1	109.8	110.4	109.8	109.1	106.8	104.8	80.4	91.5	93.3	89.8	91.2
Unemployment rate	6.3	6.3	6.1	6.2	6.2	6.1	6.0	5.9	4.5	5.0	5.2	5.0	5.2
Delaware													
Civilian labor force	372.4	374.2	375.1	375.3	378.6	378.6	378.9	377.8	371.3	379.6	382.4	382.2	387.4
Employed	353.7	354.7	354.7	354.5	355.2	355.2	354.9	355.1	351.7	360.5	362.5	361.0	367.1
Unemployed	18.7	19.5	20.4	20.8	21.4	21.4	22.0	22.7	19.5	19.0	19.9	21.2	20.3
Unemployment rate	5.0	5.2	5.4	5.5	5.7	5.7	5.8	6.0	5.3	5.0	5.2	5.5	5.2
District of Columbia													
Civilian labor force	304.3	303.8	306.1	305.9	309.2	308.8	308.5	309.8	315.7	298.4	299.6	303.1	300.3
Employed	279.0	277.9	279.9	279.6	283.6	283.0	282.9	284.3	281.4	270.5	270.4	280.7	277.7
Unemployed	25.3	25.9	26.2	26.4	25.6	25.7	25.7	25.4	34.3	27.9	29.2	22.4	22.5
Unemployment rate	8.3	8.5	8.6	8.6	8.3	8.3	8.3	8.2	10.9	9.3	9.8	7.4	7.5
Florida¹													
Civilian labor force	6,665.6	6,897.4	6,616.3	6,533.6	6,599.3	6,574.7	6,689.1	6,741.5	6,798.4	6,692.1	6,761.6	6,759.3	6,779.4
Employed	6,194.8	6,227.7	6,155.3	6,073.1	6,163.5	6,120.0	6,244.6	6,277.3	6,286.1	6,308.7	6,266.0	6,257.3	6,313.1
Unemployed	471.0	469.7	461.0	460.5	435.8	454.7	444.5	464.2	512.3	383.4	495.6	502.0	466.3
Unemployment rate	7.1	7.0	7.0	7.0	6.6	6.9	6.6	6.9	7.5	5.7	7.3	7.4	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				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
Georgia													
Civilian labor force	3,446.1	3,459.5	3,475.1	3,488.2	3,503.2	3,518.9	3,526.2	3,531.5	3,583.8	3,604.0	3,593.3	3,582.2	3,582.4
Employed	3,248.7	3,261.2	3,275.6	3,288.4	3,302.0	3,316.0	3,325.2	3,332.1	3,325.3	3,374.5	3,373.4	3,382.1	3,374.2
Unemployed	197.4	198.3	199.5	199.7	201.2	202.9	201.0	199.4	258.5	229.6	219.9	200.1	188.2
Unemployment rate	5.7	5.7	5.7	5.7	5.7	5.6	5.7	5.6	7.2	6.4	6.1	5.6	5.3
Hawaii													
Civilian labor force	583.4	582.9	583.1	582.7	582.1	583.4	583.3	583.3	605.3	597.7	593.7	601.6	599.5
Employed	558.3	558.3	558.7	558.6	559.0	560.3	559.6	559.4	577.3	569.0	562.5	568.1	567.5
Unemployed	25.1	24.6	24.4	24.1	23.1	23.1	23.7	24.0	28.0	28.7	31.2	33.5	32.0
Unemployment rate	4.3	4.2	4.2	4.1	4.0	4.0	4.1	4.1	4.6	4.8	5.3	5.6	5.3
Idaho													
Civilian labor force	543.9	545.4	547.8	548.3	550.0	551.3	551.8	553.7	580.3	591.5	595.7	596.7	593.6
Employed	509.1	511.2	514.9	515.5	517.1	518.3	520.0	521.2	551.3	560.4	564.6	569.0	565.7
Unemployed	34.8	34.2	32.9	32.8	32.9	33.1	31.8	32.4	29.0	31.1	31.1	27.7	28.1
Unemployment rate	6.4	6.3	6.0	6.0	6.0	6.0	5.8	5.9	5.0	5.3	5.2	4.6	4.7
Illinois¹													
Civilian labor force	6,022.1	6,012.4	6,006.2	6,012.5	5,964.0	5,963.5	5,998.6	6,032.9	5,998.6	6,016.6	6,029.7	6,075.7	6,058.6
Employed	5,537.3	5,542.3	5,564.1	5,554.2	5,480.3	5,518.1	5,640.0	5,675.2	5,600.1	5,633.5	5,667.2	5,740.2	5,709.5
Unemployed	484.8	470.1	442.1	458.3	483.7	445.4	358.8	357.7	398.5	383.1	362.5	335.5	349.1
Unemployment rate	8.1	7.8	7.4	7.6	8.1	7.5	6.0	5.9	6.6	6.4	6.0	5.5	5.8
Indiana													
Civilian labor force	2,911.2	2,929.7	2,948.5	2,955.3	2,961.8	2,978.6	2,991.6	3,001.9	2,992.6	3,013.3	3,007.1	2,998.0	3,018.5
Employed	2,749.7	2,772.7	2,797.6	2,805.8	2,812.4	2,827.1	2,840.6	2,849.4	2,824.8	2,861.2	2,853.1	2,850.4	2,874.6
Unemployed	161.5	157.0	151.0	149.5	149.4	151.5	151.1	152.5	167.8	152.1	154.0	147.5	143.9
Unemployment rate	5.5	5.4	5.1	5.1	5.0	5.1	5.0	5.1	5.6	5.0	5.1	4.9	4.8
Iowa													
Civilian labor force	1,548.8	1,561.2	1,560.0	1,559.7	1,560.2	1,560.2	1,558.2	1,554.8	1,552.1	1,565.9	1,541.6	1,524.5	1,549.2
Employed	1,486.0	1,499.2	1,491.8	1,496.3	1,496.6	1,501.5	1,500.4	1,498.0	1,479.8	1,500.9	1,485.9	1,470.0	1,493.9
Unemployed	62.7	62.0	68.2	61.4	60.7	58.7	57.8	56.8	72.3	65.0	55.6	54.5	55.4
Unemployment rate	4.0	4.0	4.4	3.9	3.9	3.8	3.7	3.7	4.7	4.2	3.6	3.6	3.6
Kansas													
Civilian labor force	1,319.0	1,320.4	1,320.1	1,316.0	1,319.5	1,321.5	1,320.6	1,321.6	1,335.8	1,327.7	1,336.9	1,347.6	1,356.3
Employed	1,251.3	1,252.8	1,252.4	1,250.9	1,252.6	1,254.1	1,253.9	1,255.8	1,249.3	1,255.4	1,259.3	1,267.4	1,290.7
Unemployed	67.7	67.6	67.7	67.0	66.9	67.4	66.6	66.0	86.4	72.2	77.6	80.4	65.6
Unemployment rate	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.0	6.5	5.4	5.8	6.0	4.8
Kentucky													
Civilian labor force	1,795.3	1,797.8	1,798.6	1,797.2	1,792.6	1,769.3	1,786.5	1,785.8	1,809.2	1,814.8	1,801.5	1,792.1	1,802.7
Employed	1,682.6	1,685.2	1,688.0	1,686.4	1,684.9	1,682.3	1,682.2	1,682.5	1,728.0	1,715.2	1,714.8	1,704.0	1,717.6
Unemployed	112.6	112.6	110.8	110.9	107.9	107.0	106.3	103.3	81.3	99.6	88.8	88.1	84.9
Unemployment rate	6.3	6.3	6.2	6.2	6.0	6.0	5.9	5.8	4.5	5.5	4.8	4.9	4.7
Louisiana													
Civilian labor force	1,861.0	1,871.0	1,867.2	1,869.9	1,866.3	1,871.4	1,879.7	1,876.6	1,924.4	1,925.0	1,892.5	1,917.8	1,935.6
Employed	1,742.1	1,736.6	1,734.7	1,736.4	1,734.5	1,731.2	1,734.3	1,735.9	1,761.3	1,775.7	1,738.6	1,757.2	1,782.3
Unemployed	138.9	134.4	132.6	133.5	133.8	140.2	145.3	140.9	163.2	149.3	153.9	180.6	153.6
Unemployment rate	7.4	7.2	7.1	7.1	7.2	7.5	7.7	7.5	8.5	7.8	8.1	8.4	7.9
Maine													
Civilian labor force	632.6	631.4	628.1	629.4	627.8	627.6	626.5	624.4	626.0	632.5	625.1	619.6	615.9
Employed	582.9	580.4	578.0	577.1	575.2	575.9	575.1	574.7	568.6	585.5	582.2	579.8	574.4
Unemployed	49.9	51.0	50.1	52.3	52.6	51.6	51.4	49.7	59.4	47.0	42.9	39.6	39.6
Unemployment rate	7.9	6.1	6.0	6.3	6.4	6.2	6.2	6.0	9.5	7.4	6.9	6.4	6.4

See footnotes at end of table.

**STATE LABOR FORCE DATA
SEASONALLY ADJUSTED**

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

(Numbers in thousands)

State	1993								1994				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May*
Maryland													
Civilian labor force	2,665.9	2,666.4	2,669.1	2,671.9	2,674.4	2,680.8	2,680.4	2,682.6	2,689.9	2,696.7	2,681.7	2,645.0	2,660.5
Employed	2,500.2	2,499.4	2,502.0	2,504.7	2,509.8	2,517.2	2,518.4	2,521.1	2,523.7	2,535.7	2,511.0	2,502.7	2,516.3
Unemployed	165.8	167.0	167.0	167.2	164.8	163.6	161.9	161.7	166.2	163.0	150.7	142.3	144.2
Unemployment rate	6.2	6.3	6.3	6.3	6.2	6.1	6.0	6.0	6.2	6.0	5.7	5.4	5.4
Massachusetts¹													
Civilian labor force	3,152.3	3,158.6	3,148.2	3,170.4	3,185.0	3,191.2	3,175.4	3,161.7	3,172.0	3,130.2	3,141.6	3,127.3	3,155.5
Employed	2,935.1	2,957.9	2,944.2	2,952.5	2,962.7	2,976.3	2,971.7	2,965.6	2,943.6	2,890.4	2,956.6	2,937.1	2,972.5
Unemployed	217.2	200.9	204.0	217.9	222.3	214.9	203.7	195.9	228.2	199.9	185.0	190.2	183.0
Unemployment rate	6.9	6.4	6.5	6.9	7.0	6.7	6.4	6.2	7.2	6.4	5.9	6.1	5.8
Michigan¹													
Civilian labor force	4,714.8	4,749.4	4,743.6	4,728.9	4,717.0	4,736.6	4,713.9	4,748.2	4,803.2	4,796.0	4,752.6	4,817.9	4,769.1
Employed	4,384.2	4,406.6	4,402.7	4,412.9	4,396.4	4,409.5	4,383.2	4,389.3	4,440.6	4,416.3	4,445.0	4,541.5	4,498.7
Unemployed	330.6	342.8	340.9	316.0	320.6	327.1	330.7	348.9	362.6	379.6	307.7	276.4	270.5
Unemployment rate	7.0	7.2	7.2	6.7	6.8	6.9	7.0	7.3	7.5	7.9	6.5	5.7	5.7
Minnesota													
Civilian labor force	2,460.9	2,463.8	2,465.5	2,469.5	2,475.1	2,475.9	2,483.4	2,487.0	2,539.6	2,582.2	2,545.2	2,562.9	2,593.6
Employed	2,332.4	2,335.8	2,340.5	2,343.8	2,349.8	2,350.6	2,361.6	2,367.1	2,426.3	2,475.0	2,436.3	2,455.3	2,503.6
Unemployed	128.5	127.7	125.0	125.6	125.3	125.3	121.8	119.8	113.3	107.3	108.9	107.6	90.0
Unemployment rate	5.2	5.2	5.1	5.1	5.1	5.1	4.9	4.8	4.5	4.2	4.3	4.2	3.5
Mississippi													
Civilian labor force	1,213.3	1,213.9	1,209.1	1,214.7	1,219.4	1,222.5	1,221.6	1,221.9	1,226.5	1,216.3	1,215.2	1,229.2	1,239.5
Employed	1,133.6	1,136.3	1,137.5	1,141.1	1,143.4	1,145.9	1,148.2	1,147.6	1,141.6	1,131.3	1,130.9	1,140.0	1,149.6
Unemployed	79.7	75.5	71.6	73.6	76.0	76.7	75.4	74.3	84.7	85.0	84.2	89.2	89.9
Unemployment rate	6.6	6.2	5.9	6.1	6.2	6.3	6.2	6.1	6.9	7.0	6.9	7.3	7.3
Missouri													
Civilian labor force	2,648.2	2,647.6	2,646.6	2,648.9	2,651.8	2,657.3	2,658.4	2,660.8	2,667.4	2,637.6	2,643.8	2,646.8	2,643.1
Employed	2,476.5	2,476.7	2,474.9	2,474.4	2,478.3	2,483.3	2,485.2	2,488.1	2,523.8	2,495.1	2,488.8	2,515.3	2,510.8
Unemployed	169.8	170.8	171.7	172.5	173.3	173.9	173.1	172.7	143.5	142.7	155.0	131.6	132.8
Unemployment rate	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	5.4	5.4	5.9	5.0	5.0
Montana													
Civilian labor force	425.9	427.4	429.0	429.0	428.1	430.0	425.2	430.1	434.6	433.9	437.2	440.5	438.3
Employed	400.0	401.3	402.5	403.1	402.8	404.5	399.8	404.8	410.4	410.6	414.8	417.3	417.9
Unemployed	26.0	26.1	26.4	25.8	25.3	25.5	25.3	25.3	24.4	23.2	22.3	23.2	20.4
Unemployment rate	6.1	6.1	6.2	6.0	5.9	5.9	6.0	5.9	5.6	5.4	5.1	5.3	4.7
Nebraska													
Civilian labor force	850.1	851.1	852.2	855.1	856.5	859.6	860.6	862.1	890.7	899.2	892.2	881.7	883.2
Employed	827.2	829.0	831.0	834.1	835.9	839.0	840.5	841.8	868.5	873.7	863.9	855.3	855.8
Unemployed	22.9	22.2	21.3	21.0	20.5	20.8	20.1	20.4	22.3	25.5	28.3	26.4	27.6
Unemployment rate	2.7	2.6	2.5	2.5	2.4	2.4	2.3	2.4	2.5	2.8	3.2	3.0	3.1
Nevada													
Civilian labor force	740.1	746.8	748.9	750.9	751.6	757.2	760.2	764.7	768.1	779.4	780.2	779.2	771.6
Employed	686.9	691.5	693.7	695.5	696.8	701.4	704.8	709.0	729.4	741.4	741.1	738.0	730.3
Unemployed	53.3	55.1	55.3	55.4	55.8	55.9	55.3	55.7	38.6	38.0	39.1	41.2	41.3
Unemployment rate	7.2	7.4	7.4	7.4	7.4	7.4	7.3	7.3	5.0	4.9	5.0	5.3	5.3
New Hampshire													
Civilian labor force	617.5	618.9	619.4	620.7	622.3	623.2	622.7	621.5	627.0	618.2	625.7	623.5	616.8
Employed	577.9	578.9	579.8	581.1	582.0	583.2	583.8	583.6	596.8	585.0	596.9	594.6	587.4
Unemployed	39.6	40.0	39.6	39.5	40.3	40.0	38.8	37.7	30.2	33.2	28.8	28.9	29.5
Unemployment rate	6.4	6.5	6.4	6.4	6.5	6.4	6.2	6.1	4.8	5.4	4.6	4.6	4.8

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				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^a
New Jersey¹													
Civilian labor force	4,029.6	4,019.7	3,984.4	4,007.6	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
Employed	3,731.2	3,737.5	3,704.7	3,725.9	3,683.3	3,723.3	3,786.1	3,736.6	3,787.7	3,735.0	3,703.8	3,680.7	3,655.9
Unemployed	298.6	282.2	279.7	281.9	305.0	269.0	256.6	282.3	278.0	294.7	319.1	286.5	272.2
Unemployment rate	7.4	7.0	7.0	7.0	7.6	6.7	6.3	7.0	6.8	7.3	7.9	7.2	6.9
New Mexico													
Civilian labor force	756.8	758.7	759.3	758.6	760.1	762.2	760.0	761.5	782.5	760.4	775.2	786.9	785.0
Employed	698.8	699.8	700.3	699.7	701.5	703.8	702.9	704.8	738.7	740.2	734.7	745.9	741.9
Unemployed	57.9	58.9	59.0	58.8	58.5	58.5	57.1	56.7	45.8	40.2	40.5	41.0	43.1
Unemployment rate	7.7	7.6	7.8	7.8	7.7	7.7	7.5	7.4	5.9	5.2	5.2	5.2	5.5
New York¹													
Civilian labor force	6,676.9	6,620.1	6,627.6	6,620.2	6,556.6	6,624.7	6,605.8	6,597.0	6,821.7	6,576.2	6,666.4	6,652.3	6,524.5
Employed	6,016.7	7,960.6	7,975.0	7,949.7	7,928.0	7,954.1	7,954.7	7,943.3	6,007.7	7,906.5	7,986.9	7,946.8	7,970.2
Unemployed	658.2	659.5	652.6	670.5	628.6	670.6	651.1	653.7	614.0	671.7	699.5	705.5	554.4
Unemployment rate	7.6	7.7	7.8	7.6	7.3	7.8	7.8	7.8	7.1	7.8	8.1	8.2	6.5
North Carolina¹													
Civilian labor force	3,573.2	3,565.4	3,540.9	3,520.6	3,523.6	3,547.6	3,553.6	3,565.2	3,558.5	3,586.6	3,572.5	3,587.4	3,588.8
Employed	3,390.6	3,374.7	3,375.9	3,359.6	3,371.6	3,384.1	3,409.5	3,417.4	3,417.8	3,401.6	3,416.8	3,448.9	3,443.5
Unemployed	182.4	190.7	165.0	160.6	152.0	163.5	144.1	147.8	140.9	165.2	155.7	138.5	145.3
Unemployment rate	5.1	5.3	4.7	4.6	4.3	4.6	4.1	4.1	4.0	5.2	4.4	3.9	4.0
North Dakota													
Civilian labor force	318.4	316.8	319.9	320.1	320.9	321.4	321.4	321.7	332.5	332.7	332.3	331.4	334.5
Employed	304.5	304.6	305.9	306.2	306.9	307.2	307.7	307.7	316.7	317.6	316.4	318.7	322.3
Unemployed	13.9	14.1	13.9	13.9	14.0	14.1	13.7	14.0	15.8	15.1	16.0	12.7	12.2
Unemployment rate	4.4	4.4	4.4	4.3	4.4	4.4	4.3	4.4	4.7	4.5	4.8	3.6	3.6
Ohio¹													
Civilian labor force	5,455.4	5,469.5	5,494.4	5,494.6	5,459.5	5,474.7	5,511.9	5,550.6	5,513.2	5,609.5	5,595.4	5,548.1	5,598.2
Employed	5,111.3	5,137.2	5,125.8	5,184.0	5,071.5	5,117.8	5,153.2	5,202.8	5,176.0	5,315.3	5,286.2	5,197.4	5,234.6
Unemployed	344.1	332.3	368.6	310.6	388.0	357.1	358.7	348.0	335.2	294.2	329.2	350.7	363.6
Unemployment rate	6.3	6.1	6.7	5.7	7.1	6.5	6.5	6.3	6.1	5.2	5.9	6.3	6.5
Oklahoma													
Civilian labor force	1,522.7	1,524.0	1,534.0	1,528.0	1,519.5	1,523.5	1,523.8	1,524.7	1,580.6	1,577.0	1,563.0	1,564.7	1,565.1
Employed	1,429.1	1,430.7	1,440.3	1,434.2	1,428.5	1,429.1	1,430.1	1,432.4	1,476.9	1,467.9	1,458.1	1,461.5	1,470.7
Unemployed	93.6	93.3	93.6	93.8	93.0	94.3	93.7	92.3	101.7	109.1	104.9	103.2	94.4
Unemployment rate	6.1	6.1	6.1	6.1	6.1	6.2	6.1	6.1	6.4	6.9	6.7	6.6	6.0
Oregon													
Civilian labor force	1,572.8	1,585.5	1,588.6	1,591.0	1,595.1	1,602.6	1,613.4	1,613.8	1,608.6	1,604.6	1,608.2	1,607.4	1,642.4
Employed	1,456.9	1,469.6	1,472.3	1,476.7	1,483.7	1,493.2	1,504.9	1,505.9	1,493.1	1,490.2	1,507.7	1,512.6	1,546.9
Unemployed	115.7	115.9	116.3	114.3	111.4	109.4	108.8	108.0	115.5	114.6	100.5	94.6	95.4
Unemployment rate	7.4	7.3	7.3	7.2	7.0	6.8	6.7	6.7	7.2	7.1	6.3	5.9	5.6
Pennsylvania¹													
Civilian labor force	5,893.0	5,870.8	5,903.2	5,928.7	5,915.2	5,889.1	5,699.4	5,889.8	5,800.2	5,739.6	5,913.6	5,680.9	5,918.0
Employed	5,475.3	5,480.8	5,480.3	5,500.4	5,508.6	5,477.9	5,484.1	5,513.3	5,451.2	5,447.7	5,511.1	5,490.0	5,553.1
Unemployed	417.7	410.0	422.9	428.3	408.6	411.2	415.3	376.5	349.1	292.0	402.5	390.9	364.9
Unemployment rate	7.1	7.0	7.2	7.2	6.9	7.0	7.0	6.4	6.0	5.1	6.8	6.6	6.2
Rhode Island													
Civilian labor force	512.7	512.7	511.3	511.0	509.7	509.7	510.3	509.8	523.7	514.9	510.3	497.3	498.5
Employed	472.7	473.0	473.1	472.3	470.5	469.4	469.4	468.6	488.8	475.8	471.7	466.5	467.9
Unemployed	40.0	39.7	38.2	38.8	39.2	40.3	40.9	41.2	54.9	39.1	38.6	30.8	30.7
Unemployment rate	7.8	7.7	7.5	7.6	7.7	7.9	8.0	8.1	10.5	7.6	7.6	6.2	6.2

See footnotes at end of table.

STATE LABOR FORCE DATA
SEASONALLY ADJUSTED

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

(Numbers in thousands)

State	1993								1994				
	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May ^p
South Carolina													
Civilian labor force	1,824.5	1,828.0	1,828.2	1,829.5	1,828.7	1,830.2	1,828.0	1,829.6	1,792.2	1,830.7	1,813.0	1,821.5	1,821.2
Employed	1,884.8	1,685.4	1,684.8	1,686.1	1,686.2	1,689.2	1,887.2	1,688.8	1,688.9	1,712.3	1,691.9	1,693.9	1,705.4
Unemployed	139.7	142.6	143.6	143.5	142.5	141.0	140.8	140.8	103.2	118.5	121.0	127.7	115.8
Unemployment rate	7.7	7.8	7.9	7.8	7.8	7.7	7.7	7.7	5.8	6.5	6.7	7.0	6.4
South Dakota													
Civilian labor force	357.8	359.1	359.5	359.9	360.3	360.6	361.3	361.2	362.3	367.8	369.6	368.4	370.1
Employed	346.2	347.0	347.4	347.9	348.2	348.8	349.4	349.1	354.1	357.6	358.5	358.0	359.4
Unemployed	11.6	12.1	12.1	12.0	12.1	11.8	11.9	12.1	8.2	10.3	11.0	10.4	10.6
Unemployment rate	3.2	3.4	3.4	3.3	3.4	3.3	3.3	3.4	2.3	2.8	3.0	2.8	2.9
Tennessee													
Civilian labor force	2,494.3	2,502.7	2,507.5	2,508.8	2,510.3	2,516.5	2,516.7	2,515.2	2,596.2	2,597.6	2,611.4	2,641.3	2,643.5
Employed	2,349.8	2,356.4	2,363.9	2,366.3	2,370.3	2,378.5	2,380.5	2,382.6	2,449.7	2,445.7	2,471.6	2,518.1	2,526.6
Unemployed	144.4	146.3	143.6	142.5	140.0	138.0	136.1	132.6	146.5	151.8	139.8	123.2	116.9
Unemployment rate	5.8	5.8	5.7	5.7	5.6	5.5	5.4	5.3	5.6	5.8	5.4	4.7	4.4
Texas¹													
Civilian labor force	9,056.0	9,079.4	9,147.7	9,213.6	9,254.2	9,339.4	9,359.1	9,301.4	9,314.7	9,307.3	9,317.2	9,354.3	9,372.4
Employed	8,448.7	8,436.8	8,494.9	8,555.8	8,629.8	8,865.2	8,718.1	8,890.7	8,759.8	8,661.5	8,623.4	8,761.4	8,745.3
Unemployed	609.3	642.6	652.8	657.8	624.4	674.2	841.0	610.7	555.0	645.8	693.8	592.9	627.1
Unemployment rate	6.7	7.1	7.1	7.1	6.7	7.2	6.8	6.6	6.0	6.9	7.4	6.3	6.7
Utah													
Civilian labor force	902.8	909.3	914.7	919.1	922.9	927.0	930.5	933.2	963.3	972.8	980.4	979.1	985.6
Employed	866.9	873.5	879.8	884.5	888.8	893.7	897.9	901.5	932.7	939.7	946.7	944.5	949.1
Unemployed	35.9	35.8	34.9	34.7	34.1	33.2	32.6	31.7	30.5	33.2	33.7	34.6	36.5
Unemployment rate	4.0	3.9	3.8	3.8	3.7	3.6	3.5	3.4	3.2	3.4	3.4	3.5	3.7
Vermont													
Civilian labor force	316.3	317.2	315.6	315.5	316.6	317.8	317.9	317.1	306.9	311.4	317.2	315.6	310.4
Employed	299.6	300.5	298.9	298.9	299.9	301.1	301.7	301.1	292.2	295.5	301.8	302.9	296.9
Unemployed	16.7	16.7	16.7	16.7	16.7	16.6	16.2	16.0	14.7	15.9	15.4	12.7	13.5
Unemployment rate	5.3	5.3	5.3	5.3	5.3	5.2	5.1	5.0	4.8	5.1	4.8	4.0	4.4
Virginia													
Civilian labor force	3,373.7	3,371.1	3,372.3	3,374.6	3,375.2	3,375.4	3,383.8	3,386.5	3,395.7	3,390.0	3,398.3	3,452.3	3,447.5
Employed	3,203.5	3,202.9	3,206.9	3,209.1	3,211.4	3,215.2	3,223.0	3,228.3	3,231.1	3,216.8	3,233.3	3,273.5	3,264.1
Unemployed	170.2	168.2	165.4	165.4	163.8	160.2	160.8	158.3	164.6	173.2	165.1	178.8	183.4
Unemployment rate	5.0	5.0	4.9	4.9	4.9	4.7	4.8	4.7	4.8	5.1	4.9	5.2	5.3
Washington													
Civilian labor force	2,680.6	2,687.6	2,689.3	2,690.9	2,703.0	2,711.3	2,713.3	2,723.6	2,800.6	2,761.8	2,743.1	2,711.4	2,694.0
Employed	2,477.6	2,483.8	2,485.2	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	2,526.4
Unemployed	203.0	203.8	204.1	202.4	200.9	200.3	196.7	198.8	153.4	172.0	178.4	162.7	167.6
Unemployment rate	7.6	7.6	7.6	7.5	7.4	7.4	7.3	7.3	5.5	6.2	6.5	6.0	6.2
West Virginia													
Civilian labor force	785.4	786.7	783.0	791.4	793.0	794.6	796.1	795.3	772.6	773.4	777.4	770.9	776.6
Employed	697.2	699.8	699.1	706.9	709.7	711.6	713.6	714.5	687.8	690.8	698.2	702.6	707.0
Unemployed	88.1	86.9	83.9	84.5	83.4	83.0	82.5	80.8	84.7	82.5	79.3	68.3	69.7
Unemployment rate	11.2	11.0	10.7	10.7	10.5	10.4	10.4	10.2	11.0	10.7	10.2	8.9	9.0
Wisconsin													
Civilian labor force	2,716.1	2,713.6	2,717.0	2,718.2	2,723.2	2,729.2	2,735.6	2,743.2	2,799.1	2,644.3	2,826.7	2,802.4	2,788.9
Employed	2,584.6	2,583.7	2,588.7	2,591.0	2,598.2	2,603.0	2,605.9	2,611.0	2,672.3	2,700.5	2,691.1	2,669.3	2,672.3
Unemployed	131.5	129.9	128.4	127.2	125.1	126.2	129.7	132.2	126.8	143.7	135.7	133.0	116.6
Unemployment rate	4.8	4.8	4.7	4.7	4.6	4.6	4.7	4.8	4.5	5.1	4.8	4.7	4.2
Wyoming													
Civilian labor force	238.0	238.7	239.2	238.6	239.3	240.0	239.9	240.9	252.5	250.7	250.7	249.1	249.6
Employed	225.2	225.7	225.9	225.4	226.5	226.9	226.8	227.7	231.9	233.8	234.5	232.5	234.6
Unemployed	12.8	13.0	13.3	13.2	12.9	13.2	13.1	13.2	20.5	16.9	16.2	16.6	15.0
Unemployment rate	5.4	5.5	5.5	5.6	5.4	5.5	5.4	5.5	8.1	6.7	6.5	6.7	6.0

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Alabama	1,981.4	1,973.2	2,004.0	137.5	112.0	107.3	6.9	5.7	5.4
Birmingham	420.9	422.2	428.1	22.7	17.2	16.9	5.4	4.1	4.0
Huntsville	161.0	158.1	159.4	8.2	7.9	7.1	5.1	5.0	4.5
Mobile	239.4	242.9	245.9	17.8	14.2	13.9	7.4	5.9	5.7
Montgomery	146.8	145.6	148.0	9.4	6.4	6.4	6.4	4.4	4.4
Tuscaloosa	72.2	73.0	73.9	4.2	3.3	3.2	5.8	4.5	4.4
Alaska	299.0	304.0	309.5	24.6	26.5	26.6	8.2	8.7	8.6
Anchorage	131.7	134.9	136.4	8.3	8.7	8.5	6.3	6.4	6.2
Arizona	1,824.8	1,985.7	2,000.0	103.4	103.0	108.7	5.7	5.2	5.4
Phoenix-Mesa	1,156.0	1,258.6	1,263.0	53.6	52.4	53.0	4.6	4.2	4.2
Tucson	328.7	361.2	362.1	12.7	13.0	13.0	3.9	3.6	3.6
Arkansas	1,171.5	1,210.4	1,217.3	74.7	64.6	68.1	6.4	5.3	5.6
Fayetteville-Springdale-Rogers	122.2	130.6	131.3	4.0	3.3	3.9	3.2	2.5	2.9
Fort Smith	92.4	94.2	94.5	6.0	5.3	5.4	6.5	5.6	5.7
Little Rock-North Little Rock	279.8	290.9	293.0	14.0	12.0	12.5	5.0	4.1	4.3
Pine Bluff	37.6	38.4	38.5	3.4	3.1	3.2	9.1	8.0	8.4
California ¹	15,237.1	15,401.7	15,446.1	1,331.9	1,403.5	1,251.4	8.7	9.1	8.1
Bakersfield	270.7	274.0	277.7	37.1	40.0	32.7	13.7	14.6	11.8
Fresno	415.7	421.3	421.2	57.1	62.5	50.5	13.7	14.8	12.0
Los Angeles-Long Beach ¹	4,436.9	4,417.0	4,443.0	402.4	436.0	432.0	9.1	9.9	9.7
Modesto	195.8	199.6	201.2	32.4	33.8	29.1	16.5	16.9	14.5
Oakland	1,103.1	1,118.4	1,120.1	70.6	73.9	65.3	6.4	6.6	5.8
Orange County	1,307.7	1,327.8	1,332.0	85.0	82.2	71.2	6.5	6.2	5.3
Riverside-San Bernardino	1,235.9	1,269.6	1,271.2	124.3	123.5	106.9	10.1	9.7	8.4
Sacramento	676.5	697.8	697.4	55.3	53.5	46.4	8.2	7.7	6.7
Salinas	175.3	175.7	177.6	16.9	22.7	15.3	9.7	12.9	8.6
San Diego	1,198.4	1,212.8	1,210.8	90.2	92.2	80.6	7.5	7.6	6.7
San Francisco	888.9	909.0	907.1	52.7	53.8	47.1	5.9	5.9	5.2
San Jose	832.0	845.8	847.7	54.6	57.9	50.6	6.6	6.8	6.0
Santa Barbara-Santa Maria-Lompoc	193.9	196.1	194.9	13.4	14.5	11.9	6.9	7.4	6.1
Santa Rosa	216.8	225.7	225.2	14.0	14.7	12.6	6.5	6.5	5.6
Stockton-Lodi	243.1	242.8	245.9	30.8	32.3	27.0	12.7	13.3	11.0
Vallejo-Fairfield-Napa	229.6	232.1	234.1	17.4	18.1	15.8	7.6	7.8	6.7
Ventura	376.8	380.8	380.4	29.5	28.1	24.4	7.8	7.4	6.4
Colorado	1,875.5	1,922.2	1,955.2	97.8	94.0	101.7	5.2	4.9	5.2
Boulder-Longmont	148.1	148.0	153.0	6.6	6.0	7.0	4.4	4.1	4.6
Denver	966.3	979.3	991.1	44.9	43.6	46.9	4.6	4.5	4.7
Connecticut	1,797.4	1,773.8	1,772.2	114.3	87.6	92.9	6.4	4.9	5.2
Bridgeport	231.6	224.0	224.1	16.6	12.8	13.4	7.2	5.7	6.0
Danbury	114.7	114.3	114.7	5.9	4.3	4.5	5.1	3.8	4.0
Hartford	631.9	624.4	624.3	43.2	32.9	34.8	6.8	5.3	5.6
New Haven-Meriden	285.1	278.4	275.1	17.7	13.5	14.3	6.2	4.9	5.2
Stamford-Newark	191.4	190.0	190.2	7.9	6.2	6.6	4.1	3.3	3.5
Waterbury	121.1	118.5	118.1	9.2	7.2	7.7	7.6	6.1	6.5
Delaware	370.2	380.4	385.2	16.1	19.7	17.7	4.3	5.2	4.6
Wilmington-Newark	276.1	283.8	285.7	12.7	14.6	13.7	4.6	5.1	4.8
District of Columbia	302.9	303.0	298.8	25.2	21.8	22.3	8.3	7.2	7.5
Washington	2,537.2	2,560.3	2,572.3	114.7	98.7	105.2	4.5	3.9	4.1
Florida ¹	6,693.7	6,689.6	6,813.8	462.2	456.2	458.7	6.9	6.8	6.7
Daytona Beach	186.0	185.5	188.7	12.2	11.6	12.3	6.6	6.3	6.5
Fort Lauderdale	698.1	700.4	714.0	47.9	47.9	47.3	6.9	6.8	6.6
Fort Myers-Cape Coral	160.5	163.4	166.8	9.6	8.7	9.3	6.0	5.3	5.6
Gainesville	97.4	97.2	98.6	4.3	3.8	3.9	4.4	3.9	3.9
Jacksonville	488.0	476.7	489.5	28.2	26.7	26.7	5.8	5.6	5.5
Lakeland-Winter Haven	194.4	193.2	196.8	17.0	15.2	15.6	8.8	7.9	7.9
Melbourne-Titusville-Palm Bay	208.7	205.8	209.0	15.7	16.2	15.4	7.5	7.9	7.4
Miami	1,023.0	1,040.4	1,053.4	78.5	85.0	86.7	7.7	8.2	8.2
Orlando	728.9	729.0	744.8	45.1	45.3	45.0	6.2	6.2	6.0
Pensacola	165.0	161.8	165.2	9.1	8.9	9.2	5.5	5.5	5.6
Sarasota-Bradenton	241.7	238.5	243.0	12.0	11.6	11.0	5.0	4.9	4.5
Tallahassee	136.5	136.8	139.4	6.1	6.1	6.7	4.5	4.4	4.8
Tampa-St. Petersburg-Clearwater	1,043.1	1,035.9	1,054.1	69.7	63.5	62.0	6.7	6.1	5.9
West Palm Beach-Boca Raton	441.9	440.6	447.0	36.4	37.9	37.7	8.2	8.6	8.4

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Georgia	3,441.3	3,563.0	3,559.3	184.4	191.0	175.0	5.4	5.4	4.9
Albany	52.1	52.9	52.7	4.0	4.1	3.8	7.6	7.7	7.1
Athens	64.0	65.1	65.3	2.5	2.9	2.5	3.8	4.4	3.8
Atlanta	1,782.4	1,843.0	1,832.0	85.0	90.6	82.7	4.8	4.9	4.5
Augusta-Aiken	203.7	204.1	203.8	13.9	12.7	12.1	6.8	6.2	5.9
Columbus	109.4	110.2	110.2	6.6	6.9	8.0	6.0	6.3	5.5
Macon	138.8	141.9	141.5	7.6	7.7	7.2	5.5	5.4	5.1
Savannah	123.7	125.3	124.4	6.8	7.5	7.0	5.5	6.0	5.8
Hawaii	580.1	599.9	596.1	24.5	32.9	31.5	4.2	5.5	5.3
Honolulu	424.2	437.9	434.9	13.3	19.1	18.2	3.1	4.4	4.2
Idaho	543.9	589.1	593.9	33.3	30.6	26.6	6.1	5.2	4.5
Boise City	171.9	190.5	190.4	8.2	6.7	6.4	4.8	3.5	3.4
Illinois ¹	6,009.3	5,997.3	6,052.1	476.8	336.4	345.5	7.9	5.6	5.7
Bloomington-Normal	74.6	77.8	76.3	3.9	2.8	2.7	5.2	3.6	3.5
Champaign-Urbana	93.4	93.1	93.6	5.3	3.6	3.8	5.7	3.8	4.0
Chicago	3,959.2	3,969.3	4,005.4	302.9	218.8	223.8	7.6	5.5	5.6
Davenport-Moline-Rock Island	185.2	182.5	184.7	11.4	8.6	8.5	6.2	4.7	4.8
Decatur	60.2	59.0	60.0	6.1	4.4	4.6	10.1	7.4	7.7
Kankakee	49.8	49.3	49.9	4.4	3.4	3.5	8.8	7.0	7.0
Peoria-Pekin	171.7	170.5	172.8	12.8	8.5	9.0	7.5	5.0	5.2
Rockford	186.8	182.3	184.9	17.2	10.8	10.9	9.2	5.9	5.9
Springfield	104.9	105.1	106.6	5.9	4.4	4.6	5.7	4.2	4.3
Indiana	2,934.9	2,998.6	3,042.3	161.8	153.0	144.4	5.5	5.1	4.7
Bloomington	57.1	62.1	62.4	2.7	2.4	2.6	4.7	3.8	4.1
Elkhart-Goshen	89.7	91.4	94.2	3.8	3.1	3.4	4.2	3.4	3.6
Evansville-Henderson	151.1	150.5	154.0	8.7	8.1	7.6	5.7	5.4	4.9
Fort Wayne	252.5	258.4	260.7	13.0	11.9	10.8	5.1	4.6	4.2
Gary	295.3	296.4	300.0	20.8	19.3	18.2	7.0	6.5	6.1
Indianapolis	752.0	777.2	787.3	34.6	33.7	31.7	4.6	4.3	4.0
Kokomo	51.0	51.8	52.7	2.8	2.6	2.4	5.5	5.0	4.6
Lafayette	83.7	88.1	87.4	3.5	3.3	3.6	4.1	3.7	4.2
Muncie	63.7	65.7	67.1	4.0	3.8	3.5	6.2	5.8	5.3
South Bend	129.2	131.3	133.8	7.0	6.0	5.5	5.4	4.6	4.1
Terre Haute	71.8	72.2	72.6	4.8	5.0	4.8	6.7	6.9	6.3
Iowa	1,538.6	1,520.3	1,539.5	55.4	55.6	48.8	3.6	3.7	3.2
Cedar Rapids	102.7	103.9	103.7	3.3	3.7	3.2	3.2	3.6	3.1
Des Moines	244.3	243.0	244.5	7.6	6.8	6.1	3.1	2.8	2.5
Dubuque	49.0	49.3	49.0	1.7	1.9	1.5	3.4	3.8	3.0
Iowa City	63.7	64.4	65.2	1.6	1.4	1.5	2.5	2.2	2.3
Sioux City	63.4	62.6	62.9	1.7	1.8	1.6	2.7	3.0	2.5
Waterloo-Cedar Falls	68.4	67.5	67.7	3.4	3.2	3.0	5.0	4.8	4.4
Kansas	1,313.7	1,337.8	1,351.0	63.7	75.4	61.6	4.8	5.8	4.6
Lawrence	49.5	49.0	50.1	2.7	2.7	2.5	5.4	5.5	5.0
Topeka	87.2	89.7	90.9	4.1	4.5	3.7	4.7	5.0	4.1
Wichita	266.1	271.6	273.4	13.8	18.0	15.0	5.2	6.6	5.5
Kentucky	1,806.0	1,789.6	1,814.4	109.5	88.1	82.6	6.1	4.9	4.6
Lexington	235.6	235.2	234.6	9.1	8.0	7.8	3.9	3.4	3.3
Louisville	507.3	511.1	519.4	25.2	21.0	20.2	5.0	4.1	3.9
Owensboro	44.9	45.5	46.5	3.1	2.3	2.0	8.8	5.0	4.4
Louisiana	1,872.8	1,899.6	1,928.0	127.5	146.0	142.3	6.8	7.7	7.4
Alexandria	55.2	55.7	56.8	3.3	3.9	3.8	5.9	6.9	6.6
Baton Rouge	268.0	270.0	273.9	15.9	19.2	19.4	5.9	7.1	7.1
Houma	75.8	76.9	78.7	5.2	5.3	5.1	8.8	6.9	6.5
Lafayette	154.0	154.8	157.7	10.2	10.8	10.8	6.6	7.0	6.9
Lake Charles	78.1	79.8	80.8	5.9	6.4	6.3	7.5	8.0	7.8
Monroe	65.0	65.3	65.8	4.3	4.6	4.4	6.7	7.1	6.6
New Orleans	582.5	586.0	593.7	37.4	42.1	40.6	6.4	7.2	6.8
Shreveport-Bossier City	168.7	171.5	175.0	10.7	12.8	12.2	6.3	7.4	7.0
Maine	635.2	614.9	618.3	50.5	45.6	40.2	8.0	7.4	6.5
Lewiston-Auburn	50.5	50.1	49.4	4.4	3.7	3.3	8.8	7.4	6.7
Portland	121.1	116.0	118.0	7.1	5.8	5.1	5.9	4.9	4.3

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Maryland	2,655.1	2,632.0	2,649.7	161.8	135.9	140.2	6.1	5.2	5.3
Baltimore	1,208.8	1,187.3	1,186.3	89.0	72.8	76.1	7.4	6.1	6.4
Massachusetts ¹	3,148.0	3,097.1	3,149.1	206.3	181.1	171.6	6.6	5.8	5.4
Boston	1,731.4	1,725.3	1,749.9	100.2	85.1	82.4	5.8	4.9	4.7
Brockton	121.4	118.3	120.3	9.4	7.9	7.8	7.7	6.7	6.5
Fitchburg-Leominster	89.7	87.5	88.3	4.8	4.3	3.9	6.8	6.3	5.7
Lawrence	188.0	184.9	186.3	15.3	13.0	12.8	8.1	7.0	6.8
Lowell	153.9	146.8	149.4	11.6	9.2	8.9	7.6	6.3	6.0
New Bedford	82.4	79.9	80.7	7.8	8.0	7.2	9.4	10.0	8.9
Pittsfield	41.6	39.9	40.9	3.3	3.4	3.1	8.0	8.5	7.6
Springfield	288.6	279.4	282.8	20.2	19.3	17.9	7.1	6.9	6.3
Worcester	246.8	241.0	244.4	18.0	12.6	12.1	6.5	5.2	4.9
Michigan ¹	4,888.6	4,733.8	4,745.0	309.6	271.2	248.8	6.6	5.7	5.2
Ann Arbor	276.0	281.5	277.8	11.2	9.5	8.8	4.1	3.4	3.2
Benton Harbor	82.2	82.5	83.2	5.6	4.8	4.7	6.8	5.8	5.7
Detroit	2,108.8	2,128.2	2,127.3	143.4	115.7	107.4	6.8	5.4	5.0
Flint	196.8	196.3	196.5	18.9	14.8	13.9	6.6	7.5	7.1
Grand Rapids-Muskegon-Holland	515.2	520.2	522.9	28.4	22.8	21.7	5.5	4.4	4.1
Jackson	72.4	73.8	73.6	5.1	4.5	4.1	7.1	8.1	5.6
Kalamazoo-Battle-Creek	221.9	227.4	223.9	11.7	11.1	10.3	5.3	4.9	4.6
Lansing-East Lansing	235.2	237.3	238.8	10.5	9.4	8.7	4.5	4.0	3.7
Saginaw-Bay City-Midland	190.7	194.3	194.6	12.6	12.5	11.4	6.6	6.4	5.8
Minnesota	2,448.2	2,555.3	2,580.9	118.7	109.1	78.1	4.8	4.3	3.0
Duluth-Superior	115.5	119.4	118.3	8.5	8.7	6.1	7.4	7.3	5.2
Minneapolis-St.Paul	1,494.5	1,572.0	1,577.7	63.2	52.8	39.9	4.2	3.3	2.5
Rochester	62.7	66.8	66.9	1.9	2.4	1.7	3.0	3.6	2.6
St. Cloud	88.5	90.8	92.3	3.8	3.9	2.7	4.4	4.3	2.9
Mississippi	1,209.9	1,217.8	1,236.3	77.1	81.8	87.6	6.4	6.7	7.1
Jackson	208.2	208.0	209.9	10.1	9.9	10.6	4.8	4.7	5.0
Missouri	2,652.9	2,655.6	2,648.2	160.9	126.5	123.9	6.1	4.8	4.7
Kansas City	867.5	894.2	869.1	44.8	41.3	37.5	5.2	4.6	4.2
St. Louis LMA	1,283.0	1,288.3	1,282.2	82.1	61.7	81.6	6.5	4.8	4.6
Springfield	148.7	152.8	152.5	7.9	5.2	5.9	5.3	3.4	3.8
Montana	428.3	440.2	438.6	24.4	22.1	18.8	5.7	5.0	4.3
Nebraska	853.4	879.7	886.6	20.2	24.1	24.9	2.4	2.7	2.8
Lincoln	128.8	132.8	134.5	3.3	3.7	4.1	2.6	2.8	3.0
Omaha	347.5	353.5	358.4	9.2	10.5	10.0	2.6	3.0	2.8
Nevada	737.5	775.0	789.0	50.5	40.3	36.5	6.8	5.2	5.0
Las Vegas	523.3	565.0	560.8	36.3	29.9	29.4	6.9	5.3	5.2
Reno	158.7	164.1	182.1	9.9	7.5	7.1	6.2	4.8	4.4
New Hampshire	615.5	618.4	614.9	38.2	30.5	28.0	6.2	4.9	4.6
Manchester	96.4	96.4	95.7	5.8	4.3	4.2	5.8	4.5	4.4
Nashua	97.2	94.4	93.9	8.1	4.8	4.7	6.3	5.1	5.0
Portsmouth-Rochester	120.5	119.2	118.5	6.2	4.7	4.4	5.2	4.0	3.7
New Jersey ¹	4,015.8	3,942.3	3,916.8	303.4	275.8	278.1	7.6	7.0	7.1
Atlantic-Cape May	167.2	159.1	182.4	16.7	16.5	15.8	10.0	10.4	9.7
Bergen-Passaic	657.4	645.7	639.1	52.2	47.7	47.9	7.9	7.4	7.5
Jersey City	276.4	276.8	273.9	29.0	27.0	27.1	10.5	9.8	9.9
Middlesex-Somerset-Hunterdon	582.1	578.0	571.3	36.0	31.1	31.2	6.2	5.4	5.5
Monmouth-Ocean	487.8	474.2	479.9	31.8	29.9	30.1	6.5	6.3	6.3
Newark	996.2	982.3	971.7	78.9	70.0	70.8	7.9	7.1	7.3
Trenton	170.9	167.0	165.1	10.2	9.5	9.6	5.9	5.7	5.8
Vineland-Millville-Bridgeton	63.8	62.4	61.9	7.1	7.0	6.8	11.2	11.2	11.0
New Mexico	755.0	786.3	783.2	57.1	40.6	42.3	7.6	5.2	5.4
Albuquerque	323.7	338.5	339.3	20.6	11.8	13.5	6.4	3.5	4.0
Las Cruces	82.2	64.4	64.3	5.4	4.6	4.6	8.6	7.1	7.2
Santa Fe	72.0	75.7	75.5	2.7	2.2	2.4	3.8	3.0	3.2

See footnotes at end of table.

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

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

(Numbers in thousands)

State and area	Civilian labor force			Unemployed					
				Number			Percent of labor force		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
New York¹	8,677.6	8,593.0	8,528.8	655.5	655.3	549.1	7.6	7.6	6.4
Albany-Schenectady-Troy	454.2	457.1	451.4	21.8	24.5	19.5	4.8	5.4	4.3
Binghamton	129.9	127.9	125.1	8.3	9.4	7.6	6.4	7.3	6.0
Buffalo-Niagara Falls	579.2	573.8	569.4	38.4	39.4	31.7	6.6	6.9	5.6
Dutchess County	124.1	116.7	113.9	10.7	8.7	6.9	8.8	7.5	6.1
Elmira	42.3	43.0	42.4	2.7	2.7	2.2	6.3	6.4	5.2
Glens Falls	60.7	61.1	60.8	4.6	5.6	3.8	7.6	9.1	6.2
Nassau-Suffolk	1,375.4	1,342.9	1,328.3	91.7	60.7	68.4	8.7	6.0	5.1
New York	3,897.1	3,865.7	3,861.1	347.9	342.2	299.8	8.9	8.9	7.8
New York City ¹	3,256.9	3,243.0	3,244.0	310.8	309.0	272.0	9.5	9.5	8.4
Newburgh	169.0	167.1	165.8	11.0	10.7	8.9	6.5	6.4	5.4
Rochester	571.6	572.7	566.6	28.3	32.3	28.1	5.0	5.8	4.6
Syracuse	371.8	368.6	360.5	24.0	23.6	18.7	6.5	6.4	5.2
Utica-Rome	143.4	143.5	141.4	9.3	9.7	7.1	6.5	6.8	5.0
North Carolina¹	3,560.4	3,544.5	3,574.2	180.9	134.9	143.3	5.1	3.8	4.0
Asheville	105.2	105.6	108.0	4.8	3.6	3.7	4.5	3.4	3.5
Charlotte-Gastonia-Rock Hill	671.8	678.2	679.8	32.0	23.4	24.3	4.8	3.4	3.6
Greensboro-Winston-Salem-High Point	598.2	603.0	603.3	25.7	18.8	20.0	4.3	3.1	3.3
Raleigh-Durham-Chapel Hill	550.9	539.8	540.0	19.8	13.8	14.9	3.6	2.8	2.8
North Dakota	319.7	330.4	336.0	12.4	12.3	10.8	3.9	3.7	3.2
Bismarck	48.4	48.1	48.3	1.9	1.9	1.7	4.1	3.9	3.5
Fargo-Moorhead	87.5	90.7	91.5	2.5	2.7	1.8	2.8	3.0	2.0
Grand Forks	82.8	67.5	67.8	2.1	2.5	2.0	3.4	3.7	2.9
Ohio¹	5,452.3	5,495.6	5,594.4	329.3	343.6	347.0	6.0	6.3	6.2
Akron	345.3	353.9	359.7	19.1	20.9	21.2	5.5	5.9	5.9
Canton-Massillon	195.8	200.8	203.5	12.5	14.0	14.0	6.4	7.0	6.9
Cincinnati	794.0	799.1	813.8	42.8	40.9	42.7	5.4	5.1	5.3
Cleveland-Lorain-Elyria	1,075.8	1,072.4	1,093.4	69.3	70.4	70.9	6.4	6.8	6.5
Columbus	751.8	750.1	764.2	34.3	35.0	36.2	4.6	4.7	4.7
Dayton-Springfield	460.3	466.8	472.3	24.0	26.1	28.0	5.2	5.6	5.5
Toledo	304.3	304.1	312.8	18.3	19.0	19.9	6.0	6.2	6.4
Youngstown-Warren	279.6	284.6	289.6	22.2	22.1	22.1	7.9	7.8	7.6
Oklahoma	1,520.8	1,569.8	1,562.9	95.8	102.5	96.8	6.3	6.5	6.2
Enid	27.0	28.0	27.9	1.3	1.4	1.4	4.7	5.0	5.2
Lawton	42.9	43.8	43.8	2.8	2.9	2.7	6.5	6.6	6.2
Oklahoma City	492.5	504.9	501.5	25.0	26.2	25.0	5.1	5.2	5.0
Tulsa	376.9	383.0	378.7	25.5	25.9	23.8	6.8	6.8	6.3
Oregon	1,559.2	1,594.3	1,628.9	107.3	96.9	87.0	6.9	6.1	5.3
Eugene-Springfield	149.6	151.1	154.4	10.6	9.3	8.3	7.1	6.2	5.4
Medford-Ashland	77.6	78.5	80.2	6.3	5.7	5.4	8.1	7.2	6.7
Portland-Vancouver	899.5	918.8	933.9	52.9	43.2	40.4	5.9	4.7	4.3
Salem	148.1	151.4	154.1	10.2	9.3	8.3	6.9	6.1	5.4
Pennsylvania¹	5,872.1	5,797.2	5,896.6	427.8	386.3	378.7	7.3	6.7	6.4
Allentown-Bethlehem-Easton	275.0	287.3	274.3	20.5	18.6	17.9	7.4	6.9	6.5
Alltoona	62.2	62.5	63.8	4.7	4.6	4.6	7.6	7.4	7.2
Erie	138.3	137.5	139.5	9.8	9.8	9.5	7.1	7.2	6.8
Harrisburg-Lebanon-Carlisle	330.5	322.7	329.2	17.2	14.9	15.4	5.2	4.6	4.7
Johnstown	105.4	104.6	106.7	11.1	10.3	9.5	10.5	9.8	8.9
Lancaster	228.1	225.6	228.5	11.5	9.9	10.0	5.0	4.4	4.4
Philadelphia	2,454.5	2,405.5	2,430.4	173.0	149.4	151.5	7.1	6.2	6.2
Pittsburgh	1,142.9	1,142.2	1,159.5	81.3	75.7	74.4	7.1	6.6	6.4
Reading	177.3	175.4	178.3	11.7	9.8	9.8	6.6	5.6	5.5
Scranton-Wilkes-Barre-Hazleton	341.6	340.5	345.6	28.0	26.7	25.7	8.2	7.9	7.4
Sharon	55.0	53.2	54.7	6.2	4.0	3.7	11.4	7.5	8.8
State College	63.9	63.8	64.9	3.8	3.0	3.1	5.9	4.8	4.8
Williamsport	57.2	56.2	57.4	4.9	4.4	4.3	8.6	7.9	7.4
York	187.1	185.0	187.8	11.4	9.3	9.5	6.1	5.0	5.0
Rhode Island	509.2	491.3	495.3	38.7	31.3	29.3	7.6	6.4	5.9
Providence-Fall River-Warwick	584.5	567.0	571.2	47.3	36.7	36.1	8.1	8.8	6.3
South Carolina	1,831.3	1,815.2	1,828.2	136.2	117.4	112.5	7.4	6.5	6.2
Charleston-North Charleston	249.6	243.5	245.0	16.5	15.4	15.0	6.6	6.3	6.1
Columbia	253.0	249.2	250.7	15.6	11.7	11.2	6.2	4.7	4.5
Greenville-Spartanburg-Anderson	459.2	462.7	464.9	25.5	23.6	21.4	5.6	5.1	4.6
South Dakota	361.9	367.1	374.1	11.3	9.4	10.4	3.1	2.6	2.8
Rapid City	41.8	42.1	42.4	1.5	1.3	1.3	3.8	3.2	3.0
Sioux Falls	80.4	84.1	84.7	2.0	1.7	1.6	2.4	2.1	1.9

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		
	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P	May 1993	Apr. 1994	May 1994 ^P
Tennessee	2,462.3	2,599.6	2,811.0	134.8	119.6	107.3	5.5	4.6	4.1
Chattanooga	210.5	222.7	222.5	10.1	9.6	9.1	4.8	4.3	4.1
Johnson City-Kingsport-Bristol	221.4	222.4	223.8	12.7	11.5	10.8	5.7	5.2	4.7
Knoxville	317.1	334.7	335.5	14.1	13.0	11.2	4.4	3.9	3.3
Memphis	478.1	500.9	502.7	25.5	22.7	21.8	5.3	4.5	4.3
Nashville	543.4	581.8	588.1	22.4	18.1	16.7	4.1	3.1	2.8
Texas¹	9,020.5	9,339.1	9,332.0	578.2	582.7	590.4	6.4	6.2	6.3
Ablene	57.4	59.1	58.2	2.9	3.2	3.1	5.1	5.5	5.3
Amarillo	103.0	107.3	106.9	4.8	4.3	4.4	4.5	4.0	4.1
Austin-San Marcos	543.3	570.0	587.9	20.3	19.6	20.7	3.7	3.4	3.6
Beaumont-Port Arthur	182.1	187.8	187.0	18.4	17.5	18.3	10.1	9.3	9.8
Brazoria	103.2	108.5	107.7	7.3	7.3	7.5	7.0	6.8	6.9
Brownsville-Harlingen-San Benito	114.1	122.7	122.3	12.5	13.2	13.8	10.9	10.7	11.2
Bryan-College Station	67.3	70.0	69.9	2.2	1.9	2.4	3.3	2.8	3.4
Corpus Christi	167.4	172.5	173.4	13.3	15.3	15.8	7.9	8.8	9.1
Dallas	1,588.4	1,870.2	1,668.5	87.5	89.2	88.6	5.5	5.3	5.3
El Paso	269.9	282.8	280.4	25.1	27.8	27.5	9.3	9.8	9.8
Fort Worth-Arlington	779.0	799.6	801.9	45.5	44.2	44.3	5.8	5.5	5.5
Galveston-Texas City	122.9	127.4	127.5	9.3	10.2	10.1	7.5	8.0	8.0
Houston	1,895.4	1,952.3	1,943.8	124.8	126.1	127.4	6.6	6.5	6.6
Killeen-Temple	101.9	106.0	106.1	5.3	5.7	5.8	5.2	5.4	5.3
Laredo	62.7	65.9	66.3	5.3	5.4	5.7	8.4	8.2	8.8
Longview-Marshall	96.5	100.3	100.7	8.2	8.0	8.2	8.5	8.0	8.2
Lubbock	115.9	118.4	119.0	5.1	5.0	5.1	4.4	4.3	4.3
McAllen-Edinburg-Mission	169.7	180.9	183.4	23.8	25.2	26.0	14.0	13.9	14.2
Odessa-Midland	115.4	117.8	117.4	8.6	8.8	9.0	7.5	7.5	7.7
San Angelo	46.5	50.5	50.1	2.5	2.5	2.5	5.1	5.0	5.0
San Antonio	674.7	697.6	693.8	35.6	31.8	32.3	5.3	4.8	4.7
Sherman-Denison	45.3	45.9	45.9	3.0	2.9	2.9	6.6	6.3	6.3
Texarkana	56.4	57.3	57.6	4.2	5.1	5.3	7.5	8.9	9.2
Tyler	79.1	82.1	81.3	5.2	4.4	4.5	6.5	5.4	5.6
Victoria	40.0	42.9	43.0	2.1	2.4	2.6	5.2	5.6	6.0
Waco	94.2	97.0	96.7	5.3	4.7	5.0	5.6	4.9	5.1
Wichita Falls	61.1	62.8	62.9	3.4	3.3	3.4	5.6	5.2	5.4
Utah	891.9	963.9	974.4	32.3	32.6	32.9	3.6	3.4	3.4
Provo-Orem	127.3	140.2	138.0	4.4	3.9	4.1	3.4	2.8	3.0
Salt Lake City-Ogden	577.9	621.2	629.7	19.5	19.3	19.9	3.4	3.1	3.2
Vermont	314.0	311.7	308.2	16.3	14.5	13.2	5.2	4.7	4.3
Burlington	92.4	91.0	90.2	3.6	2.8	2.7	3.9	3.1	3.0
Virginia	3,385.6	3,440.2	3,459.6	166.3	160.2	179.2	4.9	4.7	5.2
Charlottesville	71.2	72.1	70.8	2.3	2.4	2.5	3.2	3.4	3.5
Danville	57.8	59.2	60.8	4.0	4.4	5.7	6.9	7.4	9.4
Lynchburg	106.0	107.3	109.2	4.9	4.8	5.5	4.6	4.4	5.0
Norfolk-Virginia Beach-Newport News	694.7	717.5	698.6	36.3	38.3	42.1	5.2	5.3	6.0
Richmond-Petersburg	469.9	504.2	508.1	23.7	21.6	25.4	4.8	4.3	5.0
Roanoke	127.5	130.1	132.0	5.7	4.8	5.8	4.4	3.7	4.4
Washington	2,680.7	2,692.4	2,694.1	193.1	159.6	157.5	7.2	5.9	5.8
Seattle-Bellevue-Everett	1,187.4	1,200.2	1,195.0	74.0	63.0	63.2	6.2	5.2	5.3
West Virginia	790.9	765.8	782.2	88.0	70.1	69.6	11.1	9.2	8.9
Charleston	125.0	122.7	127.0	10.3	8.4	8.3	8.3	6.8	6.5
Huntington-Ashland	132.8	128.3	131.2	12.8	10.5	10.5	9.7	8.2	8.0
Parkersburg-Marietta	74.0	73.6	74.8	6.2	5.3	5.1	8.4	7.2	6.9
Wheeling	71.7	71.2	72.0	6.9	6.3	6.0	9.6	8.9	8.3
Wisconsin	2,710.1	2,780.4	2,782.6	130.2	140.5	115.8	4.8	5.1	4.2
Appleton-Oshkosh-Neenah	202.4	208.0	207.6	6.2	9.1	7.6	4.1	4.4	3.6
Eau Claire	72.4	74.6	74.2	4.1	4.1	3.1	5.7	5.5	4.1
Green Bay	115.1	123.1	122.7	5.2	5.3	4.6	4.5	4.3	3.7
Janesville-Beloit	74.6	75.7	75.9	4.5	3.7	3.3	6.0	4.8	4.3
Kenosha	69.9	71.6	71.6	3.4	3.6	3.2	4.9	5.1	4.5
La Crosse	67.0	67.9	68.4	2.8	2.8	2.2	4.2	4.1	3.3
Madison	234.2	243.4	243.2	5.2	5.7	4.9	2.2	2.4	2.0
Milwaukee-Waukesha	751.6	774.9	770.3	34.9	35.7	32.4	4.6	4.6	4.2
Racine	69.7	93.3	92.5	5.3	5.6	4.6	6.0	6.0	4.9
Sheboygan	56.5	59.2	59.3	2.1	2.1	1.6	3.7	3.6	3.1
Wausau	66.0	67.6	67.6	3.4	4.2	3.4	5.1	6.3	5.0
Wyoming	235.7	246.6	247.3	11.6	16.5	13.9	4.9	6.7	5.6
Casper	30.2	31.5	31.0	1.8	2.5	2.2	6.0	8.1	7.0

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* publication. January-April 1994 data for the areas in North Carolina have been corrected.

**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	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
TOTAL													
Civilian noninstitutional population ¹	189,523	189,978	190,449	190,888	191,310	191,786	192,319	192,796	193,288	193,799	194,315	196,085	196,522
Civilian labor force	125,424	125,219	125,579	126,301	127,074	127,334	127,230	127,355	127,890	128,181	128,713	130,674	130,589
Percent of population	66.2	65.9	65.9	66.2	66.4	66.4	66.2	66.1	66.2	66.1	66.2	66.6	66.5
Employed	116,978	116,795	116,827	117,101	117,567	117,761	117,951	118,394	118,984	119,543	120,311	122,088	122,547
Employment-population ratio ²	61.7	61.5	61.3	61.3	61.5	61.4	61.3	61.4	61.6	61.7	61.9	62.3	62.4
Unemployed	8,446	8,424	8,752	9,200	9,507	9,573	9,279	8,961	8,906	8,638	8,402	8,586	8,043
Unemployment rate	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7	6.5	6.6	6.2
Men, 16 years and over													
Civilian noninstitutional population ¹	90,418	90,662	90,921	91,165	91,393	91,652	91,952	92,214	92,482	92,754	93,030	93,978	94,203
Civilian labor force	68,455	68,400	68,479	68,769	69,287	69,347	69,334	69,371	69,633	69,719	69,788	70,639	70,511
Percent of population	75.7	75.4	75.3	75.4	75.8	75.7	75.4	75.2	75.3	75.2	75.0	75.2	74.9
Employed	63,613	63,523	63,521	63,457	63,802	63,893	64,042	64,307	64,582	64,796	65,125	65,942	66,158
Employment-population ratio ²	70.4	70.1	69.9	69.6	69.8	69.7	69.6	69.7	69.8	69.9	70.0	70.2	70.2
Agriculture	2,575	2,583	2,519	2,484	2,527	2,567	2,548	2,497	2,435	2,399	2,439	2,571	2,542
Nonagricultural industries	61,038	60,940	61,002	60,973	61,275	61,326	61,494	61,810	62,146	62,397	62,685	63,371	63,616
Unemployed	4,842	4,877	4,958	5,312	5,485	5,454	5,292	5,064	5,052	4,923	4,663	4,697	4,354
Unemployment rate	7.1	7.1	7.2	7.7	7.9	7.9	7.6	7.3	7.3	7.1	6.7	6.6	6.2
Not in labor force	21,963	22,262	22,442	22,396	22,106	22,305	22,618	22,843	22,849	23,035	23,242	23,339	23,692
Men, 20 years and over													
Civilian noninstitutional population ¹	83,650	83,943	84,254	84,535	84,756	85,010	85,262	85,554	85,806	86,009	86,258	86,833	87,014
Civilian labor force	64,845	64,887	64,983	65,252	65,773	65,775	65,753	65,792	66,041	66,133	66,275	66,764	66,600
Percent of population	77.5	77.3	77.1	77.2	77.6	77.4	77.1	76.9	77.0	76.9	76.8	76.9	76.5
Employed	60,726	60,713	60,734	60,696	61,058	61,109	61,195	61,464	61,756	61,925	62,310	62,826	63,022
Employment-population ratio ²	72.6	72.3	72.1	71.8	72.0	71.9	71.8	71.8	72.0	72.0	72.2	72.4	72.4
Agriculture	2,373	2,389	2,352	2,328	2,365	2,379	2,341	2,295	2,246	2,231	2,286	2,349	2,365
Nonagricultural industries	58,354	58,324	58,382	58,368	58,693	58,731	58,854	59,170	59,510	59,695	60,025	60,476	60,657
Unemployed	4,119	4,174	4,249	4,556	4,715	4,666	4,558	4,328	4,285	4,208	3,965	3,939	3,578
Unemployment rate	6.4	6.4	6.5	7.0	7.2	7.1	6.9	6.6	6.5	6.4	6.0	5.9	5.4
Not in labor force	18,805	19,056	19,271	19,283	18,983	19,235	19,509	19,762	19,765	19,876	19,983	20,069	20,413
Women, 16 years and over													
Civilian noninstitutional population ¹	99,106	99,316	99,528	99,723	99,917	100,135	100,367	100,582	100,807	101,045	101,285	102,107	102,319
Civilian labor force	56,969	56,820	57,101	57,532	57,787	57,988	57,896	57,984	58,257	58,462	58,926	60,035	60,078
Percent of population	57.5	57.2	57.4	57.7	57.8	57.9	57.7	57.6	57.8	57.9	58.2	58.8	58.7
Employed	53,365	53,272	53,306	53,644	53,765	53,868	53,909	54,087	54,402	54,747	55,187	56,147	56,389
Employment-population ratio ²	53.8	53.6	53.6	53.8	53.8	53.8	53.7	53.8	54.0	54.2	54.5	55.0	55.1
Agriculture	671	686	690	703	693	655	646	635	623	648	638	812	834
Nonagricultural industries	52,694	52,586	52,616	52,941	53,073	53,214	53,263	53,452	53,779	54,100	54,549	55,335	55,555
Unemployed	3,604	3,548	3,795	3,888	4,022	4,119	3,987	3,897	3,854	3,715	3,739	3,888	3,689
Unemployment rate	6.3	6.2	6.6	6.8	7.0	7.1	6.9	6.7	6.6	6.4	6.3	6.5	6.1
Not in labor force	42,137	42,496	42,427	42,191	42,130	42,147	42,471	42,598	42,550	42,583	42,359	42,072	42,241
Women, 20 years and over													
Civilian noninstitutional population ¹	92,453	92,724	92,955	93,196	93,405	93,633	93,860	94,081	94,264	94,497	94,710	95,164	95,339
Civilian labor force	53,590	53,620	53,804	54,301	54,578	54,778	54,727	54,772	54,987	55,200	55,622	56,489	56,391
Percent of population	58.0	57.8	57.9	58.3	58.4	58.5	58.3	58.2	58.3	58.4	58.7	59.4	59.1
Employed	50,553	50,647	50,606	50,985	51,168	51,266	51,315	51,468	51,728	52,019	52,432	53,179	53,322
Employment-population ratio ²	54.7	54.6	54.4	54.7	54.8	54.8	54.7	54.7	54.9	55.0	55.4	55.9	55.9
Agriculture	628	646	658	659	649	606	601	595	592	609	599	761	783
Nonagricultural industries	49,925	50,001	49,947	50,326	50,519	50,660	50,714	50,873	51,136	51,410	51,833	52,419	52,539
Unemployed	3,037	2,973	3,199	3,316	3,410	3,512	3,412	3,304	3,259	3,181	3,190	3,309	3,069
Unemployment rate	5.7	5.5	5.9	6.1	6.2	6.4	6.2	6.0	5.9	5.8	5.7	5.9	5.4
Not in labor force	38,863	39,104	39,151	38,895	38,827	38,855	39,133	39,309	39,277	39,297	39,088	38,676	38,949
Both sexes, 16 to 19 years													
Civilian noninstitutional population ¹	13,420	13,312	13,239	13,157	13,149	13,144	13,196	13,160	13,218	13,293	13,347	14,088	14,169
Civilian labor force	6,989	6,712	6,792	6,747	6,723	6,781	6,749	6,791	6,862	6,848	6,816	7,421	7,598
Percent of population	52.1	50.4	51.3	51.3	51.1	51.6	51.1	51.6	51.9	51.5	51.1	52.7	53.6
Employed	5,699	5,435	5,487	5,420	5,341	5,386	5,441	5,462	5,500	5,599	5,569	6,083	6,203
Employment-population ratio ²	42.5	40.8	41.4	41.2	40.6	41.0	41.2	41.5	41.6	42.1	41.7	43.2	43.8
Agriculture	246	233	198	200	206	237	252	243	220	208	192	273	228
Nonagricultural industries	5,453	5,202	5,289	5,220	5,135	5,149	5,189	5,219	5,280	5,391	5,376	5,811	5,975
Unemployed	1,290	1,277	1,305	1,327	1,382	1,395	1,309	1,329	1,362	1,249	1,248	1,338	1,396
Unemployment rate	18.5	19.0	19.2	19.7	20.6	20.6	19.4	19.6	19.8	18.2	18.3	18.0	18.4
Not in labor force	6,431	6,600	6,447	6,410	6,426	6,363	6,447	6,369	6,356	6,445	6,531	6,667	6,571

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	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
WHITE													
Civilian noninstitutional population ¹	161,357	161,646	161,947	162,223	162,486	162,788	163,135	163,438	163,751	164,078	164,415	165,093	165,361
Civilian labor force	107,609	107,399	107,693	108,149	108,565	108,706	108,689	108,816	109,133	109,510	109,943	110,789	110,609
Percent of population	66.7	66.4	66.5	66.7	66.8	66.8	66.6	66.6	66.6	66.7	66.9	67.1	66.9
Employed	101,157	100,919	101,000	101,185	101,450	101,515	101,761	102,119	102,508	103,036	103,581	104,446	104,681
Employment-population ratio ²	62.7	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.6	62.8	63.0	63.3	63.3
Unemployed	6,452	6,480	6,692	6,964	7,116	7,191	6,927	6,697	6,625	6,474	6,362	6,343	5,929
Unemployment rate	6.0	6.0	6.2	6.4	6.6	6.6	6.4	6.2	6.1	5.9	5.8	5.7	5.4
Men, 20 years and over													
Civilian labor force	56,268	56,308	56,335	56,540	56,900	56,912	56,895	56,960	57,059	57,143	57,264	57,349	57,097
Percent of population	77.9	77.8	77.6	77.7	78.0	77.8	77.6	77.5	77.5	77.4	77.4	77.4	76.9
Employed	53,054	52,995	52,986	53,003	53,247	53,320	53,400	53,625	53,798	53,925	54,235	54,355	54,372
Employment-population ratio ²	73.5	73.2	73.0	72.8	73.0	72.9	72.8	73.0	73.1	73.1	73.3	73.4	73.3
Unemployed	3,214	3,313	3,349	3,537	3,653	3,592	3,495	3,335	3,261	3,218	3,029	2,994	2,725
Unemployment rate	5.7	5.9	5.9	6.3	6.4	6.3	6.1	5.9	5.7	5.6	5.3	5.2	4.8
Women, 20 years and over													
Civilian labor force	45,321	45,282	45,477	45,832	45,950	46,041	46,063	46,083	46,264	46,525	46,783	47,130	47,037
Percent of population	57.8	57.6	57.7	58.1	58.1	58.1	58.1	58.0	58.1	58.4	58.6	59.1	58.9
Employed	43,074	43,074	43,133	43,399	43,492	43,445	43,565	43,673	43,863	44,188	44,390	44,786	44,850
Employment-population ratio ²	54.9	54.8	54.8	55.0	55.0	54.9	54.9	55.0	55.1	55.4	55.6	56.1	56.1
Unemployed	2,247	2,208	2,344	2,433	2,458	2,597	2,498	2,409	2,400	2,338	2,394	2,344	2,187
Unemployment rate	5.0	4.9	5.2	5.3	5.3	5.6	5.4	5.2	5.2	5.0	5.1	5.0	4.6
Both sexes, 16 to 19 years													
Civilian labor force	6,020	5,809	5,881	5,776	5,715	5,753	5,731	5,773	5,810	5,842	5,895	6,310	6,476
Percent of population	56.2	54.6	55.5	54.8	54.5	54.9	54.5	54.8	55.0	55.1	55.4	56.3	57.6
Employed	5,028	4,850	4,881	4,782	4,711	4,750	4,796	4,820	4,846	4,924	4,956	5,305	5,459
Employment-population ratio ²	46.9	45.6	46.1	45.3	44.9	45.3	45.6	45.8	45.9	46.5	46.6	47.4	48.5
Unemployed	992	959	1,000	994	1,005	1,002	935	953	963	918	940	1,005	1,017
Unemployment rate	16.5	16.5	17.0	17.2	17.6	17.4	16.3	16.5	16.6	15.7	15.9	15.9	15.7
Men	17.9	17.6	17.8	18.9	18.9	18.9	16.9	17.6	18.1	17.4	17.5	17.3	17.0
Women	15.0	15.3	16.1	15.4	16.1	15.8	15.6	15.3	15.0	13.9	14.3	14.4	14.3
BLACK													
Civilian noninstitutional population ¹	21,568	21,656	21,744	21,828	21,909	21,997	22,096	22,186	22,281	22,376	22,474	22,749	22,826
Civilian labor force	13,546	13,536	13,548	13,737	13,873	14,017	13,931	13,898	13,911	13,947	14,004	14,476	14,507
Percent of population	62.8	62.5	62.3	62.9	63.3	63.7	63.0	62.6	62.4	62.3	62.3	63.6	63.6
Employed	11,852	11,886	11,813	11,834	11,894	12,034	11,963	12,004	12,060	12,187	12,329	12,618	12,837
Employment-population ratio ²	55.0	54.9	54.3	54.2	54.3	54.7	54.1	54.1	54.1	54.5	54.9	55.5	56.2
Unemployed	1,693	1,650	1,735	1,903	1,979	1,983	1,968	1,894	1,851	1,760	1,676	1,858	1,670
Unemployment rate	12.5	12.2	12.8	13.9	14.3	14.1	14.1	13.6	13.3	12.6	12.0	12.8	11.5
Men, 20 years and over													
Civilian labor force	6,342	6,359	6,382	6,434	6,475	6,494	6,485	6,503	6,465	6,523	6,493	6,631	6,639
Percent of population	73.4	73.1	72.9	73.2	73.3	73.2	72.7	72.5	71.7	72.1	71.4	72.7	72.6
Employed	5,580	5,633	5,655	5,565	5,609	5,614	5,619	5,676	5,657	5,741	5,761	5,864	5,985
Employment-population ratio ²	64.6	64.8	64.6	63.3	63.5	63.2	63.0	63.3	62.8	63.4	63.4	64.3	65.4
Unemployed	763	726	727	869	866	880	866	826	808	782	733	767	654
Unemployment rate	12.0	11.4	11.4	13.5	13.4	13.6	13.3	12.7	12.5	12.0	11.3	11.6	9.9
Women, 20 years and over													
Civilian labor force	6,456	6,459	6,438	6,516	6,627	6,720	6,657	6,607	6,651	6,645	6,766	7,009	7,031
Percent of population	59.7	59.5	59.0	59.5	60.2	60.8	60.0	59.3	59.5	59.2	60.1	61.3	61.3
Employed	5,781	5,800	5,899	5,773	5,826	5,945	5,877	5,856	5,943	5,942	6,104	6,199	6,332
Employment-population ratio ²	53.4	53.4	52.2	52.7	53.0	53.8	53.0	52.6	53.2	53.0	54.2	54.2	55.2
Unemployed	676	659	739	743	801	775	781	751	708	703	662	810	699
Unemployment rate	10.5	10.1	11.5	11.4	12.1	11.5	11.7	11.4	10.6	10.6	9.8	11.6	9.9

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	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
BLACK—Continued													
Both sexes, 16 to 19 years													
Civilian labor force	747	718	728	787	771	803	789	788	795	779	745	836	837
Percent of population	35.4	34.3	35.0	37.9	37.2	38.8	38.0	37.8	38.1	37.0	35.2	38.1	38.0
Employed	492	447	459	496	459	475	467	472	460	504	464	555	520
Employment-population ratio ²	23.3	21.3	22.1	23.9	22.1	22.9	22.5	22.6	22.0	23.9	21.9	25.3	23.6
Unemployed	255	271	269	291	313	328	322	316	335	276	281	281	317
Unemployment rate	34.1	37.8	36.9	36.9	40.5	40.8	40.8	40.1	42.1	35.4	37.8	33.6	37.8
Men	36.2	37.1	36.0	38.1	44.1	43.5	42.7	41.1	42.1	37.5	39.5	38.5	41.2
Women	31.8	38.5	38.0	35.6	36.8	37.9	38.6	39.0	42.2	33.0	36.0	28.6	34.2
HISPANIC ORIGIN													
Civilian noninstitutional population ¹	14,711	14,829	14,948	15,066	15,184	15,303	15,421	15,542	15,682	15,824	15,966	17,895	18,042
Civilian labor force	9,721	9,834	9,875	10,021	10,105	10,184	10,219	10,270	10,255	10,380	10,595	11,817	11,886
Percent of population	66.1	66.3	66.1	66.5	66.6	66.5	66.3	66.1	65.4	65.6	66.4	66.0	65.9
Employed	8,785	8,827	8,864	8,902	8,959	8,988	9,035	9,110	9,200	9,318	9,458	10,608	10,677
Employment-population ratio ²	59.7	59.5	59.3	59.1	59.0	58.7	58.6	58.6	58.7	58.9	59.2	59.3	59.2
Unemployed	937	1,007	1,011	1,119	1,146	1,196	1,184	1,160	1,054	1,061	1,138	1,209	1,210
Unemployment rate	9.6	10.2	10.2	11.2	11.3	11.7	11.6	11.3	10.3	10.2	10.7	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	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
EMPLOYED													
Full-time workers	96,633	96,528	96,353	96,624	97,105	97,077	97,273	97,718	98,131	98,588	99,304	98,334	99,452
Men, 16 years and over	56,991	56,806	56,770	56,662	57,015	56,859	57,056	57,323	57,444	57,725	58,085	58,027	58,651
Men, 20 years and over	55,899	55,822	55,704	55,592	56,014	55,895	56,006	56,286	56,446	56,684	56,986	56,993	57,548
Women, 16 years and over	39,636	39,630	39,662	40,033	40,062	40,149	40,283	40,444	40,657	40,835	41,252	40,325	40,775
Women, 20 years and over	38,797	38,892	38,924	39,295	39,372	39,420	39,556	39,732	39,907	40,075	40,492	39,541	40,007
Both sexes, 16 to 19 years	1,937	1,815	1,725	1,737	1,719	1,763	1,711	1,701	1,777	1,829	1,826	1,800	1,897
Part-time workers	20,314	20,379	20,423	20,429	20,435	20,794	20,625	20,628	20,823	21,011	21,006	23,704	23,079
Men, 16 years and over	6,584	6,736	6,782	6,820	6,737	7,051	7,015	6,976	7,080	7,080	7,087	7,892	7,460
Men, 20 years and over	4,815	4,920	5,013	5,104	5,029	5,260	5,174	5,177	5,295	5,267	5,314	5,829	5,476
Women, 16 years and over	13,717	13,654	13,654	13,608	13,683	13,730	13,631	13,653	13,723	13,916	13,947	15,816	15,601
Women, 20 years and over	11,752	11,735	11,695	11,702	11,798	11,813	11,771	11,761	11,822	11,903	11,955	13,633	13,344
Both sexes, 16 to 19 years	3,747	3,725	3,715	3,623	3,608	3,721	3,680	3,690	3,706	3,841	3,737	4,242	4,258
UNEMPLOYED													
Looking for full-time work	6,913	6,952	7,212	7,624	7,859	7,904	7,610	7,337	7,271	7,101	6,837	7,041	6,522
Men, 16 years and over	4,201	4,229	4,325	4,793	4,786	4,679	4,555	4,479	4,342	4,255	4,045	4,026	3,723
Men, 20 years and over	3,855	3,904	3,966	4,291	4,436	4,385	4,261	4,064	4,002	3,938	3,700	3,657	3,319
Women, 16 years and over	2,689	2,691	2,861	2,957	3,035	3,194	3,003	2,929	2,906	2,846	2,794	3,002	2,788
Women, 20 years and over	2,454	2,418	2,628	2,728	2,764	2,898	2,778	2,682	2,649	2,590	2,567	2,765	2,498
Both sexes, 16 to 19 years	604	630	619	605	659	621	572	591	620	574	570	620	705
Looking for part-time work	1,522	1,490	1,534	1,576	1,631	1,683	1,671	1,627	1,621	1,542	1,559	1,555	1,512
Men, 16 years and over	613	605	611	663	659	705	697	666	686	644	625	675	626
Men, 20 years and over	256	277	273	271	267	290	290	269	274	273	261	290	253
Women, 16 years and over	898	886	926	920	959	980	973	962	926	896	947	879	884
Women, 20 years and over	578	561	574	586	638	620	645	620	601	599	623	545	563
Both sexes, 16 to 19 years	688	652	686	718	726	773	736	737	746	870	675	720	696
UNEMPLOYMENT RATES¹													
Full-time workers	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	6.9	6.7	6.4	6.7	6.2
Men, 16 years and over	6.9	6.9	7.1	7.8	7.7	7.6	7.4	7.2	7.0	6.9	6.5	6.5	6.0
Men, 20 years and over	6.5	6.5	6.6	7.2	7.3	7.3	7.1	6.7	6.6	6.5	6.1	6.0	5.5
Women, 16 years and over	6.4	6.4	6.7	6.9	7.0	7.4	6.9	6.8	6.7	6.5	6.3	6.9	6.4
Women, 20 years and over	5.9	5.9	6.3	6.5	6.6	6.8	6.6	6.3	6.2	6.1	6.0	6.5	5.9
Both sexes, 16 to 19 years	23.8	25.8	26.4	25.8	27.7	26.0	25.0	25.8	25.9	23.9	23.8	25.6	27.1
Part-time workers	7.0	6.8	7.0	7.2	7.4	7.5	7.5	7.3	7.2	6.8	6.9	6.2	6.1
Men, 16 years and over	8.5	8.2	8.3	8.9	8.9	9.1	9.0	8.7	8.8	8.3	8.1	7.9	7.7
Men, 20 years and over	5.1	5.3	5.2	5.0	5.0	5.2	5.3	4.9	4.9	4.9	4.7	4.7	4.4
Women, 16 years and over	6.1	6.1	6.4	6.3	6.5	6.7	6.7	6.6	6.3	6.1	6.4	5.3	5.4
Women, 20 years and over	4.7	4.6	4.7	4.8	5.1	5.0	5.2	5.0	4.8	4.8	5.0	3.8	4.0
Both sexes, 16 to 19 years	15.5	14.9	15.6	16.5	16.8	17.2	16.7	16.6	16.8	14.9	15.3	14.5	14.1

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	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
MARITAL STATUS													
Total	116,978	116,795	116,827	117,101	117,567	117,761	117,951	118,394	118,984	119,543	120,311	122,088	122,547
Married men, spouse present	40,346	40,501	40,389	40,072	40,290	40,313	40,536	40,792	40,983	40,832	40,870	41,381	41,345
Married women, spouse present	29,729	29,890	29,846	29,910	30,175	30,244	30,219	30,428	30,309	30,456	30,855	31,533	31,241
Women who maintain families	6,416	6,475	6,511	6,576	6,555	6,585	6,615	6,671	6,833	6,826	6,727	7,100	7,088
OCCUPATION													
Managerial and professional specialty	30,924	30,977	31,321	30,974	31,040	31,132	31,461	31,963	31,979	32,461	32,713	33,094	33,806
Technical, sales, and administrative support	36,157	36,013	35,978	36,789	36,942	36,838	36,683	36,524	36,711	36,968	37,061	37,221	36,744
Service occupations	15,917	16,102	16,100	16,080	16,038	16,157	16,115	16,400	16,523	16,494	16,674	16,998	17,023
Precision production, craft, and repair	13,217	13,009	12,985	12,956	13,072	13,234	13,219	13,004	13,281	13,498	13,491	13,563	13,374
Operators, fabricators, and laborers	17,153	17,286	17,064	16,920	16,949	16,982	16,977	17,153	17,048	16,906	17,054	17,637	17,923
Farming, forestry, and fishing	3,500	3,474	3,404	3,423	3,403	3,488	3,503	3,374	3,319	3,289	3,334	3,647	3,568
CLASS OF WORKER													
Agriculture:													
Wage and salary workers	1,698	1,699	1,653	1,681	1,718	1,706	1,668	1,620	1,612	1,620	1,700	1,679	1,693
Self-employed workers	1,440	1,459	1,449	1,416	1,389	1,403	1,388	1,382	1,345	1,318	1,285	1,628	1,649
Unpaid family workers	111	116	114	96	112	110	130	127	107	98	93	58	43
Nonagricultural industries:													
Wage and salary workers	104,518	104,464	104,444	105,102	105,547	105,678	105,829	106,172	106,624	107,253	107,983	109,479	110,015
Private industries	86,553	86,605	86,497	87,321	87,615	87,304	87,571	87,687	88,073	88,763	89,492	91,214	91,619
Private households	974	1,028	983	1,078	1,114	1,159	1,104	1,095	1,087	1,111	1,129	1,012	1,001
Other industries	85,578	85,577	85,514	86,243	86,501	86,145	86,466	86,592	86,986	87,652	88,364	90,202	90,617
Government	17,966	17,859	17,947	17,782	17,932	18,374	18,259	18,485	18,551	18,490	18,491	18,265	18,396
Self-employed workers	8,970	8,877	8,888	8,620	8,528	8,648	8,683	8,896	9,084	9,023	9,008	9,149	9,022
Unpaid family workers	230	213	231	228	251	235	212	224	193	233	223	134	135
PERSONS AT WORK PART TIME¹													
All industries:													
Part time for economic reasons	5,948	6,081	6,359	6,527	6,300	6,273	6,447	6,322	6,443	6,438	6,182	4,934	4,807
Slack work or business conditions	3,199	3,176	3,314	3,258	3,231	3,205	3,172	3,101	3,236	3,156	3,069	2,467	2,490
Could only find part-time work	2,480	2,604	2,723	2,930	2,793	2,795	2,978	2,905	2,931	2,953	2,837	2,112	2,036
Part time for noneconomic reasons	15,119	14,991	14,896	14,624	14,827	14,908	14,816	14,843	15,006	15,173	15,288	17,646	17,252
Nonagricultural industries:													
Part time for economic reasons	5,684	5,793	6,099	6,235	6,020	6,027	6,187	6,081	6,200	6,201	5,932	4,663	4,631
Slack work or business conditions	3,004	2,988	3,132	3,073	3,018	3,049	2,996	2,938	3,066	2,992	2,918	2,340	2,373
Could only find part-time work	2,398	2,518	2,649	2,850	2,719	2,721	2,903	2,842	2,846	2,889	2,744	2,036	2,002
Part time for noneconomic reasons	14,694	14,531	14,423	14,173	14,421	14,465	14,392	14,408	14,599	14,759	14,852	17,010	16,675

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	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	116,978	116,795	116,827	117,101	117,567	117,761	117,951	118,394	118,984	119,543	120,311	122,088	122,547
16 to 24 years	17,918	17,601	17,648	17,563	17,491	17,561	17,595	17,629	17,669	17,706	17,673	18,753	18,999
16 to 19 years	5,699	5,435	5,487	5,420	5,341	5,386	5,441	5,462	5,500	5,599	5,569	6,083	6,203
16 to 17 years	2,151	2,044	2,091	2,037	2,037	2,074	2,050	2,079	2,111	2,177	2,199	2,383	2,482
18 to 19 years	3,545	3,407	3,404	3,392	3,294	3,322	3,386	3,372	3,384	3,416	3,377	3,679	3,710
20 to 24 years	12,219	12,166	12,161	12,143	12,150	12,175	12,155	12,167	12,169	12,107	12,105	12,669	12,797
25 years and over	99,041	99,205	99,178	99,547	100,062	100,200	100,364	100,770	101,301	101,838	102,650	103,356	103,567
25 to 54 years	84,341	84,530	84,635	84,789	85,322	85,541	85,734	86,093	86,556	87,142	87,881	88,547	88,707
55 years and over	14,669	14,684	14,572	14,761	14,701	14,653	14,666	14,702	14,698	14,676	14,808	14,837	14,811
Men, 16 years and over	63,613	63,523	63,521	63,457	63,802	63,893	64,042	64,307	64,582	64,796	65,125	65,942	66,158
16 to 24 years	9,318	9,212	9,160	9,047	9,082	9,183	9,242	9,243	9,157	9,209	9,172	9,801	9,913
16 to 19 years	2,887	2,810	2,787	2,761	2,744	2,784	2,847	2,843	2,826	2,871	2,814	3,116	3,136
16 to 17 years	1,106	1,053	1,056	1,028	1,037	1,068	1,076	1,085	1,087	1,121	1,130	1,207	1,252
18 to 19 years	1,777	1,766	1,738	1,746	1,700	1,718	1,769	1,751	1,736	1,739	1,692	1,896	1,877
20 to 24 years	6,431	6,402	6,373	6,286	6,338	6,399	6,395	6,400	6,331	6,338	6,357	6,685	6,778
25 years and over	54,280	54,317	54,365	54,411	54,705	54,715	54,806	55,067	55,410	55,595	55,961	56,161	56,248
25 to 54 years	45,912	46,029	46,101	46,041	46,305	46,451	46,553	46,761	47,113	47,358	47,716	48,020	48,118
55 years and over	8,339	8,292	8,282	8,382	8,372	8,262	8,277	8,320	8,268	8,225	8,271	8,162	8,104
Women, 16 years and over	53,365	53,272	53,306	53,644	53,765	53,868	53,909	54,087	54,402	54,747	55,187	56,147	56,389
16 to 24 years	8,600	8,388	8,489	8,516	8,409	8,378	8,353	8,386	8,512	8,498	8,502	8,951	9,086
16 to 19 years	2,812	2,625	2,700	2,659	2,597	2,603	2,594	2,619	2,674	2,728	2,754	2,968	3,067
16 to 17 years	1,044	991	1,035	1,009	1,000	1,007	974	994	1,025	1,056	1,068	1,176	1,231
18 to 19 years	1,767	1,642	1,666	1,646	1,594	1,604	1,617	1,621	1,648	1,677	1,685	1,783	1,833
20 to 24 years	5,788	5,763	5,788	5,857	5,812	5,776	5,759	5,767	5,838	5,769	5,747	5,984	6,019
25 years and over	44,761	44,888	44,813	45,136	45,357	45,486	45,557	45,703	45,892	46,242	46,690	47,195	47,319
25 to 54 years	38,429	38,500	38,534	38,748	39,016	39,090	39,181	39,333	39,443	39,784	40,166	40,527	40,589
55 years and over	6,330	6,392	6,291	6,379	6,330	6,391	6,390	6,382	6,430	6,452	6,537	6,676	6,707

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	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	8,446	8,424	8,752	9,200	9,507	9,573	9,279	8,961	8,906	8,638	8,402	8,586	8,043
16 to 24 years	2,749	2,773	2,870	2,859	2,919	2,977	2,833	2,828	2,827	2,651	2,555	2,843	2,750
16 to 19 years	1,290	1,277	1,305	1,327	1,382	1,395	1,309	1,329	1,362	1,249	1,248	1,338	1,396
16 to 17 years	544	573	593	580	642	630	599	623	605	539	553	632	684
18 to 19 years	756	701	717	738	751	758	714	697	767	702	700	698	724
20 to 24 years	1,459	1,495	1,565	1,532	1,537	1,582	1,524	1,499	1,465	1,401	1,307	1,505	1,354
25 years and over	5,695	5,651	5,864	6,352	6,586	6,600	6,431	6,145	6,073	5,987	5,838	5,758	5,285
25 to 54 years	5,058	5,064	5,281	5,663	5,784	5,823	5,745	5,465	5,397	5,313	5,200	5,058	4,830
55 years and over	612	590	614	684	767	786	717	670	648	678	668	698	629
Men, 16 years and over	4,842	4,877	4,958	5,312	5,485	5,454	5,292	5,064	5,052	4,923	4,663	4,697	4,354
16 to 24 years	1,556	1,583	1,582	1,659	1,659	1,655	1,608	1,578	1,605	1,522	1,434	1,586	1,532
16 to 19 years	723	703	709	756	770	788	733	736	767	715	698	759	775
16 to 17 years	288	309	304	324	358	350	332	347	350	307	304	355	384
18 to 19 years	442	391	404	428	423	432	402	384	427	402	394	400	402
20 to 24 years	833	880	873	903	899	867	875	842	838	806	736	828	756
25 years and over	3,284	3,283	3,368	3,671	3,820	3,792	3,678	3,501	3,437	3,397	3,226	3,124	2,812
25 to 54 years	2,878	2,905	3,018	3,234	3,313	3,332	3,252	3,090	3,028	2,966	2,830	2,731	2,439
55 years and over	389	379	370	435	486	466	441	409	394	432	406	398	360
Women, 16 years and over	3,604	3,548	3,795	3,888	4,022	4,119	3,987	3,897	3,854	3,715	3,739	3,888	3,689
16 to 24 years	1,194	1,190	1,288	1,201	1,260	1,321	1,225	1,250	1,222	1,129	1,121	1,257	1,218
16 to 19 years	567	575	596	572	612	607	575	593	595	534	549	579	620
16 to 17 years	256	264	288	256	284	280	268	276	255	232	249	278	299
18 to 19 years	314	310	313	311	328	326	312	312	340	300	306	298	321
20 to 24 years	626	615	692	629	649	714	649	658	627	595	571	678	596
25 years and over	2,411	2,368	2,496	2,681	2,766	2,808	2,753	2,644	2,635	2,589	2,612	2,634	2,473
25 to 54 years	2,180	2,159	2,263	2,429	2,471	2,491	2,493	2,375	2,369	2,347	2,370	2,327	2,191
55 years and over	222	211	244	248	281	319	277	262	254	246	262	300	269

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	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
Total, 16 years and over	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7	6.5	6.6	6.2
16 to 24 years	13.3	13.6	14.0	14.0	14.3	14.5	13.9	13.8	13.8	13.0	12.6	13.2	12.6
16 to 19 years	18.5	19.0	19.2	19.7	20.6	20.6	19.4	19.6	19.8	18.2	18.3	18.0	18.4
16 to 17 years	20.2	21.9	22.1	22.2	24.0	23.3	22.6	23.1	22.3	19.8	20.1	21.0	21.6
18 to 19 years	17.6	17.1	17.4	17.9	18.6	18.6	17.4	17.1	18.5	17.1	17.2	15.9	16.3
20 to 24 years	10.7	10.9	11.4	11.2	11.2	11.5	11.1	11.0	10.7	10.4	9.7	10.6	9.6
25 years and over	5.4	5.4	5.6	6.0	6.2	6.2	6.0	5.7	5.7	5.6	5.4	5.3	4.9
25 to 54 years	5.7	5.7	5.9	6.3	6.3	6.4	6.3	6.0	5.9	5.7	5.6	5.4	5.0
55 years and over	4.0	3.9	4.0	4.4	5.0	5.1	4.7	4.4	4.2	4.4	4.3	4.5	4.1
Men, 16 years and over	7.1	7.1	7.2	7.7	7.9	7.9	7.6	7.3	7.3	7.1	6.7	6.6	6.2
16 to 24 years	14.3	14.7	14.7	15.5	15.4	15.3	14.8	14.6	14.9	14.2	13.5	13.9	13.4
16 to 19 years	20.0	20.0	20.3	21.5	21.9	22.1	20.5	20.6	21.3	19.9	19.9	19.6	19.8
16 to 17 years	20.7	22.7	22.4	23.9	25.7	24.7	23.6	24.2	24.4	21.5	21.2	22.7	23.5
18 to 19 years	19.9	18.1	18.9	19.7	19.9	20.1	18.5	18.0	19.7	18.8	18.9	17.4	17.7
20 to 24 years	11.5	12.1	12.0	12.6	12.3	11.9	12.0	11.6	11.7	11.3	10.4	11.0	10.0
25 years and over	5.7	5.7	5.8	6.3	6.5	6.5	6.3	6.0	5.8	5.8	5.5	5.3	4.8
25 to 54 years	5.9	5.9	6.1	6.6	6.7	6.7	6.5	6.2	6.0	5.9	5.6	5.4	4.8
55 years and over	4.5	4.4	4.3	4.9	5.5	5.3	5.1	4.7	4.5	5.0	4.7	4.6	4.3
Women, 16 years and over	6.3	6.2	6.6	6.8	7.0	7.1	6.9	6.7	6.6	6.4	6.3	6.5	6.1
16 to 24 years	12.2	12.4	13.2	12.4	13.0	13.6	12.8	13.0	12.6	11.7	11.6	12.3	11.8
16 to 19 years	16.8	18.0	18.1	17.7	19.1	18.9	18.2	18.5	18.2	16.4	16.6	16.3	16.8
16 to 17 years	19.7	21.1	21.8	20.2	22.1	21.8	21.6	21.7	19.9	18.0	18.9	19.1	19.6
18 to 19 years	15.1	15.9	15.8	15.9	17.1	16.9	16.2	16.2	17.1	15.2	15.4	14.3	14.9
20 to 24 years	9.8	9.6	10.7	9.7	10.0	11.0	10.1	10.2	9.7	9.3	9.0	10.2	9.0
25 years and over	5.1	5.0	5.3	5.6	5.7	5.8	5.7	5.5	5.4	5.3	5.3	5.3	5.0
25 to 54 years	5.4	5.3	5.5	5.9	6.0	6.0	6.0	5.7	5.7	5.6	5.6	5.4	5.1
55 years and over	3.4	3.2	3.7	3.7	4.3	4.8	4.2	3.9	3.8	3.7	3.9	4.3	3.9

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
SEASONALLY ADJUSTED
QUARTERLY AVERAGES**

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

Category	1991			1992				1993				1994	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
CHARACTERISTIC													
Total	6.7	6.7	7.0	7.3	7.5	7.5	7.3	7.0	7.0	6.7	6.5	6.6	6.2
Men, 20 years and over	6.4	6.4	6.5	7.0	7.2	7.1	6.9	6.6	6.5	6.4	6.0	5.9	5.4
Women, 20 years and over	5.7	5.5	5.9	6.1	6.2	6.4	6.2	6.0	5.9	5.8	5.7	5.9	5.4
Both sexes, 16 to 19 years	18.5	19.0	19.2	19.7	20.6	20.6	19.4	19.6	19.8	18.2	18.3	18.0	18.4
White	6.0	6.0	6.2	6.4	6.6	6.6	6.4	6.2	6.1	5.9	5.8	5.7	5.4
Black and other	11.1	10.9	11.5	12.4	12.8	12.7	12.7	12.3	12.1	11.5	11.0	11.4	10.5
Black	12.5	12.2	12.8	13.9	14.3	14.1	14.1	13.6	13.3	12.6	12.0	12.8	11.5
Hispanic origin	9.6	10.2	10.2	11.2	11.3	11.7	11.6	11.3	10.3	10.2	10.7	10.2	10.2
Married men, spouse present	4.4	4.3	4.5	4.9	5.0	5.2	4.9	4.6	4.5	4.4	4.1	4.2	3.7
Married women, spouse present	4.5	4.4	4.7	4.9	5.1	5.1	5.0	4.6	4.7	4.6	4.5	4.4	4.1
Women who maintain families	9.2	9.0	9.3	9.4	10.0	10.1	10.0	9.8	9.7	9.2	9.5	9.6	8.9
OCCUPATION¹													
Managerial and professional specialty	2.8	2.9	2.9	3.0	3.1	3.3	3.2	3.3	3.0	2.7	2.9	2.8	2.6
Technical, sales, and administrative support	5.2	5.0	5.3	5.7	5.8	5.9	5.8	5.4	5.5	5.3	5.2	5.5	5.2
Precision production, craft, and repair	7.8	8.3	8.3	9.3	8.7	8.6	8.6	8.1	8.3	7.9	7.3	7.0	6.4
Operators, fabricators, and laborers	10.7	10.2	10.4	11.2	11.2	11.1	10.6	10.1	9.9	10.2	9.4	9.4	9.0
Farming, forestry, and fishing	7.3	7.6	7.8	7.6	8.0	8.6	8.4	8.5	8.0	7.8	8.2	9.2	7.5
INDUSTRY													
Nonagricultural private wage and salary workers	7.0	7.0	7.3	7.6	7.7	7.8	7.6	7.3	7.2	7.0	6.8	6.9	6.3
Goods-producing industries	9.1	8.8	9.2	9.6	9.8	9.8	9.5	8.9	9.0	9.0	8.1	7.7	7.0
Mining	7.6	8.4	9.1	7.7	8.1	8.8	6.9	6.8	8.5	6.9	6.9	4.9	6.9
Construction	15.0	15.5	16.5	17.5	16.8	16.5	15.5	14.8	15.0	14.9	12.9	13.6	12.0
Manufacturing	7.5	6.9	7.2	7.5	7.8	7.9	7.9	7.3	7.2	7.3	6.7	6.1	5.5
Durable goods	7.9	7.1	7.1	7.6	7.8	8.2	8.3	7.2	7.2	7.2	6.6	5.5	5.3
Nondurable goods	6.9	6.7	7.3	7.3	7.8	7.6	7.3	7.5	7.2	7.5	6.9	7.0	5.9
Service-producing industries	6.2	6.2	6.4	6.8	6.9	7.0	6.8	6.6	6.5	6.2	6.2	6.6	6.1
Transportation and public utilities	5.4	5.1	5.6	5.5	5.2	5.5	5.7	4.9	5.0	5.2	5.3	5.1	4.9
Wholesale and retail trade	7.4	7.7	7.8	8.4	8.4	8.7	8.0	7.9	8.0	7.5	7.7	8.0	7.3
Finance, insurance, and real estate	4.2	4.1	4.2	4.3	4.5	4.6	4.7	4.3	4.3	4.0	3.7	3.4	3.6
Services	5.8	5.8	6.0	6.4	6.6	6.4	6.7	6.4	6.0	5.9	5.9	6.5	6.0
Government workers	3.1	3.2	3.5	3.7	3.5	3.4	3.5	3.6	3.3	3.2	3.1	3.6	3.6
Agricultural wage and salary workers	11.4	11.2	11.7	11.0	12.7	13.2	12.7	12.2	11.5	11.3	11.1	13.9	9.1

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	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
NUMBER OF UNEMPLOYED													
Job losers and persons who completed temporary jobs	4,588	4,639	4,814	5,203	5,425	5,350	5,211	4,863	4,820	4,812	4,555	4,221	3,662
On temporary layoff	1,332	1,173	1,205	1,267	1,253	1,268	1,190	1,083	1,114	1,162	1,080	1,096	881
Not on temporary layoff	3,256	3,466	3,609	3,936	4,172	4,082	4,021	3,760	3,705	3,650	3,475	3,125	2,781
Job leavers	1,011	953	962	936	999	1,019	947	972	963	908	950	841	801
Reentrants	2,116	2,066	2,155	2,214	2,182	2,284	2,232	2,212	2,208	2,091	2,062	2,928	2,957
New entrants	743	772	807	824	904	954	879	924	901	849	823	645	587
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	54.2	55.0	55.1	56.7	57.1	55.7	56.2	54.2	54.2	55.6	54.3	48.9	45.7
On temporary layoff	15.8	13.9	13.8	13.8	13.2	13.2	12.8	12.1	12.5	13.4	12.9	12.7	11.0
Not on temporary layoff	38.5	41.1	41.3	42.9	43.9	42.5	43.4	42.1	41.7	42.2	41.4	36.2	34.7
Job leavers	12.0	11.3	11.0	10.2	10.5	10.6	10.2	10.8	10.8	10.5	11.3	9.7	10.0
Reentrants	25.0	24.5	24.7	24.1	22.9	23.8	24.1	24.7	24.8	24.1	24.6	33.9	36.9
New entrants	8.8	9.2	9.2	9.0	9.5	9.9	9.5	10.3	10.1	9.8	9.8	7.5	7.3
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE													
Job losers and persons who completed temporary jobs	3.7	3.7	3.8	4.1	4.3	4.2	4.1	3.8	3.8	3.8	3.5	3.2	2.8
Job leavers .....	.8	.8	.8	.7	.8	.8	.7	.8	.8	.7	.7	.6	.6
Reentrants	1.7	1.7	1.7	1.8	1.7	1.8	1.8	1.7	1.7	1.6	1.6	2.2	2.3
New entrants .....	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.6	.5	.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*.

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

(Numbers in thousands)

Duration	1991			1992				1993				1994	
	II	III	IV	I	II	III	IV	I	II	III	IV	I	II
NUMBER OF UNEMPLOYED													
Less than 5 weeks	3,393	3,350	3,340	3,252	3,335	3,337	3,139	3,214	3,261	3,107	3,055	2,894	2,781
5 to 14 weeks	2,783	2,676	2,717	2,799	2,735	2,787	2,693	2,558	2,607	2,536	2,380	2,538	2,451
15 weeks and over	2,312	2,380	2,679	3,142	3,382	3,500	3,438	3,192	3,019	3,018	2,955	3,080	2,812
15 to 26 weeks	1,259	1,235	1,366	1,446	1,414	1,424	1,440	1,310	1,279	1,271	1,217	1,312	1,138
27 weeks and over	1,052	1,145	1,313	1,698	1,968	2,077	1,997	1,882	1,740	1,747	1,738	1,768	1,674
Average (mean) duration, in weeks	13.5	14.1	14.9	16.7	18.0	18.3	18.7	18.1	17.8	18.2	18.5	18.7	19.0
Median duration, in weeks	6.8	7.1	7.6	8.2	8.8	8.9	9.2	8.5	8.4	8.5	8.3	8.8	9.1
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	40.0	39.9	38.2	35.4	35.3	34.7	33.9	35.9	36.7	35.9	36.4	34.0	34.6
5 to 14 weeks	32.8	31.8	31.1	30.5	28.9	29.0	29.1	28.5	29.3	29.3	28.4	29.8	30.5
15 weeks and over	27.2	28.3	30.7	34.2	35.8	36.4	37.1	35.6	34.0	34.8	35.2	36.2	35.0
15 to 26 weeks	14.8	14.7	15.6	15.7	15.0	14.8	15.5	14.6	14.4	14.7	14.5	15.4	14.1
27 weeks and over	12.4	13.8	15.0	18.5	20.8	21.6	21.5	21.0	19.6	20.2	20.7	20.8	20.8

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

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

**HOUSEHOLD DATA
NOT SEASONALLY ADJUSTED
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	
	1993	1994	1993	1994	1993	1994	1993	1994
TOTAL								
Civilian noninstitutional population	193,288	196,522	163,751	165,361	22,281	22,826	15,682	18,042
Civilian labor force	128,046	130,800	109,366	110,889	13,921	14,509	10,288	11,923
Percent of population	66.2	66.6	66.8	67.1	62.5	63.6	65.6	66.1
Employed	119,215	122,805	102,830	105,019	12,017	12,789	9,262	10,748
Agriculture	3,225	3,546	2,999	3,288	151	155	467	608
Nonagricultural industries	115,989	119,259	99,832	101,731	11,866	12,634	8,795	10,140
Unemployed	8,831	7,995	6,536	5,870	1,904	1,719	1,026	1,175
Unemployment rate	6.9	6.1	6.0	5.3	13.7	11.8	10.0	9.9
Not in labor force	65,243	65,722	54,385	54,472	8,360	8,317	5,393	6,119
Men, 16 years and over								
Civilian noninstitutional population	92,482	94,203	78,986	79,954	10,053	10,232	7,790	9,068
Civilian labor force	69,779	70,691	60,264	60,644	6,942	7,106	6,182	7,180
Percent of population	75.5	75.0	76.3	75.8	69.1	69.4	79.4	79.2
Employed	64,764	66,354	56,518	57,391	5,903	6,229	5,563	6,516
Agriculture	2,563	2,670	2,367	2,455	139	139	416	538
Nonagricultural industries	62,201	63,684	54,151	54,936	5,764	6,090	5,147	5,979
Unemployed	5,015	4,337	3,746	3,254	1,039	877	619	663
Unemployment rate	7.2	6.1	6.2	5.4	15.0	12.3	10.0	9.2
Not in labor force	22,702	23,511	18,722	19,309	3,111	3,126	1,608	1,888
Men, 20 years and over								
Civilian noninstitutional population	85,806	87,014	73,631	74,213	9,012	9,150	7,023	8,139
Civilian labor force	66,128	66,728	57,184	57,254	6,488	6,657	5,803	6,696
Percent of population	77.1	76.7	77.7	77.1	72.0	72.7	82.6	82.3
Employed	61,933	63,221	54,022	54,608	5,653	5,979	5,284	6,173
Agriculture	2,341	2,463	2,162	2,255	126	134	392	509
Nonagricultural industries	59,592	60,758	51,860	52,352	5,527	5,845	4,892	5,664
Unemployed	4,195	3,507	3,161	2,647	835	678	518	523
Unemployment rate	6.3	5.3	5.5	4.6	12.9	10.2	8.9	7.8
Not in labor force	19,678	20,285	16,447	16,959	2,523	2,494	1,220	1,443
Women, 16 years and over								
Civilian noninstitutional population	100,807	102,319	84,765	85,407	12,228	12,594	7,892	8,975
Civilian labor force	58,267	60,108	49,102	50,244	6,979	7,403	4,106	4,743
Percent of population	57.8	58.7	57.9	58.8	57.1	58.8	52.0	52.9
Employed	54,450	56,451	46,312	47,628	6,114	6,561	3,699	4,232
Agriculture	662	875	632	833	12	16	51	71
Nonagricultural industries	53,788	55,575	45,680	46,795	6,102	6,544	3,648	4,161
Unemployed	3,816	3,658	2,790	2,616	865	842	408	512
Unemployment rate	6.5	6.1	5.7	5.2	12.4	11.4	9.9	10.8
Not in labor force	42,540	42,211	35,663	35,162	5,249	5,191	3,785	4,231
Women, 20 years and over								
Civilian noninstitutional population	94,264	95,339	79,565	79,898	11,178	11,474	7,142	8,086
Civilian labor force	54,950	56,377	46,267	47,057	6,620	6,998	3,856	4,380
Percent of population	58.3	59.1	58.2	58.9	59.2	61.0	54.0	54.2
Employed	51,786	53,398	43,944	44,940	5,916	6,305	3,515	3,956
Agriculture	627	823	598	787	12	14	44	64
Nonagricultural industries	51,159	52,574	43,346	44,153	5,904	6,290	3,471	3,893
Unemployed	3,164	2,979	2,324	2,117	703	693	341	424
Unemployment rate	5.8	5.3	5.0	4.5	10.6	9.9	8.8	9.7
Not in labor force	39,314	38,963	33,298	32,840	4,559	4,476	3,287	3,706
Both sexes, 16 to 19 years								
Civilian noninstitutional population	13,218	14,169	10,555	11,250	2,090	2,202	1,517	1,818
Civilian labor force	6,967	7,695	5,916	6,577	813	854	630	847
Percent of population	52.7	54.3	56.0	58.5	38.9	38.8	41.6	46.6
Employed	5,496	6,186	4,864	5,471	447	506	463	619
Agriculture	257	259	239	246	13	7	31	36
Nonagricultural industries	5,238	5,927	4,626	5,225	434	499	432	583
Unemployed	1,471	1,509	1,051	1,106	365	348	168	229
Unemployment rate	21.1	19.6	17.8	16.8	45.0	40.8	26.6	27.0
Not in labor force	6,251	6,474	4,640	4,673	1,278	1,348	886	971

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	
	1993	1994	1993	1994	1993	1994	1993	1994
TOTAL								
Civilian noninstitutional population	15,682	18,042	9,586	11,009	1,687	1,797	905	1,005
Civilian labor force	10,288	11,923	6,350	7,455	963	981	550	591
Percent of population	65.6	66.1	66.2	67.7	57.1	54.6	60.7	58.8
Employed	9,262	10,748	5,748	6,734	849	870	505	533
Agriculture	467	608	402	533	12	12	3	3
Nonagricultural industries	8,795	10,140	5,346	6,201	837	858	502	530
Unemployed	1,026	1,175	602	721	115	110	45	58
Unemployment rate	10.0	9.9	9.5	9.7	11.9	11.3	8.2	9.9
Not in labor force	5,393	6,119	3,236	3,554	723	816	355	414
Men, 16 years and over								
Civilian noninstitutional population	7,790	9,068	4,896	5,708	762	807	424	487
Civilian labor force	6,182	7,180	3,947	4,664	535	541	313	337
Percent of population	79.4	79.2	80.6	81.7	70.3	67.0	73.8	69.2
Employed	5,563	6,516	3,568	4,241	465	483	289	302
Agriculture	416	538	355	467	11	12	1	3
Nonagricultural industries	5,147	5,979	3,213	3,774	454	470	287	299
Unemployed	619	663	379	423	70	58	25	35
Unemployment rate	10.0	9.2	9.6	9.1	13.1	10.7	7.9	10.4
Not in labor force	1,608	1,888	949	1,044	226	266	111	150
Men, 20 years and over								
Civilian noninstitutional population	7,023	8,139	4,386	5,113	668	714	409	453
Civilian labor force	5,803	6,696	3,680	4,316	496	500	304	328
Percent of population	82.6	82.3	83.9	84.4	74.3	70.1	74.3	72.3
Employed	5,284	6,173	3,366	3,990	441	454	282	296
Agriculture	392	509	336	443	9	12	1	3
Nonagricultural industries	4,892	5,664	3,030	3,548	432	442	280	293
Unemployed	518	523	315	326	55	46	22	32
Unemployment rate	8.9	7.8	8.5	7.6	11.0	9.3	7.3	9.7
Not in labor force	1,220	1,443	706	796	172	214	105	125
Women, 16 years and over								
Civilian noninstitutional population	7,892	8,975	4,690	5,300	925	990	481	519
Civilian labor force	4,106	4,743	2,403	2,791	428	440	236	255
Percent of population	52.0	52.9	51.2	52.7	46.3	44.5	49.2	49.1
Employed	3,699	4,232	2,180	2,492	384	388	216	231
Agriculture	51	71	47	65	1	-	1	-
Nonagricultural industries	3,648	4,161	2,133	2,427	383	388	215	231
Unemployed	408	512	223	299	44	52	20	23
Unemployment rate	9.9	10.8	9.3	10.7	10.3	11.9	8.6	9.2
Not in labor force	3,785	4,231	2,287	2,510	497	550	244	264
Women, 20 years and over								
Civilian noninstitutional population	7,142	8,086	4,184	4,714	837	883	453	492
Civilian labor force	3,856	4,380	2,233	2,554	401	405	227	242
Percent of population	54.0	54.2	53.4	54.2	47.9	45.8	50.0	49.2
Employed	3,515	3,956	2,047	2,316	369	362	209	220
Agriculture	44	64	42	59	1	-	1	-
Nonagricultural industries	3,471	3,893	2,005	2,256	368	362	208	220
Unemployed	341	424	186	239	32	42	18	22
Unemployment rate	8.8	9.7	8.3	9.4	8.1	10.4	7.8	9.1
Not in labor force	3,287	3,706	1,951	2,159	436	478	227	250
Both sexes, 16 to 19 years								
Civilian noninstitutional population	1,517	1,818	1,016	1,182	182	200	43	60
Civilian labor force	630	847	437	584	66	76	19	22
Percent of population	41.6	46.6	43.1	49.4	36.4	38.0	(²)	36.1
Employed	463	619	336	428	39	54	14	17
Agriculture	31	36	24	31	2	-	-	-
Nonagricultural industries	432	583	312	397	36	54	14	17
Unemployed	168	229	101	156	28	22	5	4
Unemployment rate	26.6	27.0	23.2	26.7	41.6	28.6	(²)	(²)
Not in labor force	886	971	578	599	116	124	23	39

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	
	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994
SEX								
Total (all civilian workers)	119,215	122,805	102,830	105,019	12,017	12,789	9,262	10,748
Men	64,764	66,354	56,518	57,391	5,903	6,229	5,563	6,516
Women	54,450	56,451	46,312	47,628	6,114	6,561	3,699	4,232
OCCUPATION								
Managerial and professional specialty	31,971	33,793	28,613	29,986	2,123	2,396	1,341	1,485
Executive, administrative, and managerial	15,336	16,335	13,859	14,607	937	1,112	716	814
Professional specialty	16,634	17,458	14,754	15,380	1,186	1,284	625	671
Technical, sales, and administrative support	36,908	36,952	32,123	31,854	3,397	3,675	2,296	2,619
Technicians and related support	4,093	3,796	3,519	3,236	372	370	201	166
Sales occupations	14,290	14,657	12,894	13,106	898	1,043	830	1,019
Administrative support, including clerical	18,525	18,499	15,710	15,512	2,128	2,262	1,264	1,434
Service occupations	16,562	17,063	13,026	13,299	2,842	2,935	1,823	2,183
Private household	885	829	684	644	169	147	199	243
Protective service	2,183	2,232	1,745	1,754	390	416	138	157
Service, except private household and protective	13,494	14,002	10,596	10,901	2,283	2,372	1,485	1,783
Precision production, craft, and repair	13,291	13,382	11,934	11,891	948	1,018	1,236	1,416
Mechanics and repairers	4,354	4,429	3,908	4	307	4	341	385
Construction trades	5,038	4,965	4,606	9	326	12	491	382
Other precision production, craft, and repair	3,898	3,988	3,420	4	315	5	404	364
Operators, fabricators, and laborers	16,951	17,830	13,909	14,536	2,484	2,556	2,056	2,411
Machine operators, assemblers, and inspectors	7,346	7,693	5,947	6,172	1,091	1,120	1,016	1,065
Transportation and material moving occupations	4,993	5,175	4,179	4,281	698	756	419	517
Handlers, equipment cleaners, helpers, and laborers	4,612	4,962	3,782	4,083	694	681	621	829
Construction laborers	649	156	550	18	77	21	114	102
Other handlers, equipment cleaners, helpers, and laborers	3,963	431	3,232	22	618	27	506	748
Farming, forestry, and fishing	3,532	3,784	3,226	3,452	222	209	511	634
CLASS OF WORKER								
Agriculture:								
Wage and salary workers	1,715	1,799	1,557	1,592	109	124	404	547
Self-employed workers	1,389	1,698	1,324	1,648	42	31	64	61
Unpaid family workers	120	49	118	49	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	106,671	110,066	91,318	93,446	11,443	12,126	8,292	9,576
Government	18,494	18,348	14,977	14,569	2,837	3,002	1,114	1,217
Private industries	88,177	91,719	76,341	78,877	8,606	9,123	7,178	8,360
Private households	1,084	997	846	772	203	183	226	264
Other industries	87,093	90,721	75,495	78,106	8,403	8,940	6,952	8,096
Self-employed workers	9,117	9,052	8,343	8,160	419	506	494	550
Unpaid family workers	202	141	170	125	4	3	9	13
FULL- OR PART-TIME STATUS								
Full-time workers	98,386	99,717	84,535	84,872	10,225	10,727	7,772	8,866
Part-time workers	20,829	23,088	18,295	20,147	1,792	2,062	1,490	1,862

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	
	1993	1994	1993	1994	1993	1994	1993	1994
SEX								
Total (all civilian workers)	9,262	10,748	5,748	6,734	849	870	505	533
Men	5,563	6,516	3,568	4,241	465	483	289	302
Women	3,699	4,232	2,180	2,492	384	388	216	231
OCCUPATION								
Managerial and professional specialty	1,341	1,485	663	744	172	177	141	145
Executive, administrative, and managerial	716	814	357	429	82	85	70	68
Professional specialty	625	671	306	315	89	92	71	76
Technical, sales, and administrative support	2,296	2,619	1,320	1,529	276	253	167	189
Technicians and related support	201	166	108	71	23	23	18	11
Sales occupations	830	1,019	484	592	77	74	57	74
Administrative support, including clerical	1,264	1,434	728	866	175	156	92	104
Service occupations	1,823	2,183	1,088	1,299	167	150	70	70
Private household	199	243	100	122	6	5	1	4
Protective service	138	157	81	87	29	24	7	17
Service, except private household and protective	1,485	1,783	906	1,090	132	121	62	49
Precision production, craft, and repair	1,236	1,416	860	954	80	102	45	53
Mechanics and repairers	341	385	228	238	31	31	11	23
Construction trades	491	382	352	383	20	39	20	15
Other precision production, craft, and repair	404	364	279	334	29	33	14	15
Operators, fabricators, and laborers	2,056	2,411	1,390	1,668	139	175	77	69
Machine operators, assemblers, and inspectors	1,016	1,065	664	734	69	74	30	25
Transportation and material moving occupations	419	517	272	350	33	45	29	29
Handlers, equipment cleaners, helpers, and laborers	621	829	454	584	37	56	18	15
Construction laborers	114	102	84	121	5	5	3	-
Other handlers, equipment cleaners, helpers, and laborers	506	748	370	556	33	331	15	28
Farming, forestry, and fishing	511	634	428	540	15	13	4	7
CLASS OF WORKER								
Agriculture:								
Wage and salary workers	404	547	361	489	11	11	1	-
Self-employed workers	64	61	40	43	1	2	1	1
Unpaid family workers	-	-	-	-	-	-	-	-
Nonagricultural industries:								
Wage and salary workers	8,292	9,576	5,077	5,861	806	820	450	483
Government	1,114	1,217	684	752	172	146	47	59
Private industries	7,178	8,360	4,393	5,109	634	674	403	424
Private households	226	264	115	133	6	5	2	4
Other industries	6,952	8,096	4,278	4,976	628	669	401	420
Self-employed workers	494	550	263	329	30	38	52	47
Unpaid family workers	9	13	7	11	1	-	-	-
FULL- OR PART-TIME STATUS								
Full-time workers	7,772	8,886	4,799	5,593	734	709	430	445
Part time workers	1,490	1,862	949	1,141	115	161	74	88

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	
	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994
Total, 16 years and over	119,215	122,805	102,830	105,019	12,017	12,789	9,262	10,748
16 to 19 years	5,496	6,186	4,864	5,471	447	506	463	619
16 to 17 years	2,083	2,450	1,872	2,186	146	186	103	205
18 to 19 years	3,413	3,735	2,993	3,285	301	320	360	414
20 to 24 years	12,194	12,824	10,436	10,837	1,296	1,444	1,233	1,669
25 years and over	101,524	103,795	87,530	88,711	10,273	10,839	7,566	8,460
25 to 54 years	86,736	88,890	74,419	75,506	9,005	9,586	6,857	7,692
55 years and over	14,789	14,905	13,111	13,205	1,268	1,254	709	768
Men, 16 years and over	64,764	66,354	56,518	57,391	5,903	6,229	5,563	6,516
16 to 19 years	2,832	3,133	2,496	2,783	250	250	279	344
16 to 17 years	1,092	1,255	981	1,135	80	89	59	114
18 to 19 years	1,740	1,878	1,515	1,648	170	161	220	230
20 to 24 years	6,353	6,797	5,471	5,814	633	698	766	1,050
25 years and over	55,580	56,424	48,552	48,794	5,021	5,281	4,519	5,123
25 to 54 years	47,226	48,231	41,063	41,452	4,386	4,692	4,126	4,650
55 years and over	8,354	8,193	7,489	7,341	635	589	393	473
Women, 16 years and over	54,450	56,451	46,312	47,628	6,114	6,561	3,699	4,232
16 to 19 years	2,664	3,053	2,369	2,688	198	256	184	275
16 to 17 years	991	1,196	891	1,051	66	97	44	91
18 to 19 years	1,673	1,857	1,478	1,637	131	159	140	184
20 to 24 years	5,841	6,027	4,965	5,023	664	746	467	619
25 years and over	45,945	47,371	38,978	39,917	5,253	5,558	3,048	3,337
25 to 54 years	39,510	40,659	33,356	34,054	4,619	4,893	2,732	3,043
55 years and over	6,435	6,712	5,622	5,864	634	665	316	295

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	
	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994
Total, 16 years and over	6.9	6.1	6.0	5.3	13.7	11.8	10.0	9.9
16 to 19 years	21.1	19.6	17.8	16.8	45.0	40.8	26.6	27.0
16 to 17 years	24.6	23.7	21.7	20.8	48.2	46.5	40.0	33.4
18 to 19 years	18.8	16.7	15.1	14.0	43.3	36.8	21.6	23.3
20 to 24 years	11.0	9.8	9.0	8.0	23.9	20.3	11.7	11.5
25 years and over	5.5	4.7	4.8	4.1	9.9	8.5	8.4	7.9
25 to 54 years	5.7	4.8	5.0	4.2	10.3	8.9	8.6	8.1
55 years and over	4.1	4.0	3.7	3.8	7.0	5.2	6.5	6.7
Men, 16 years and over	7.2	6.1	6.2	5.4	15.0	12.3	10.0	9.2
16 to 19 years	22.4	21.0	19.0	17.9	45.0	44.3	26.5	29.0
16 to 17 years	26.1	25.1	22.6	21.8	51.1	50.6	40.3	36.2
18 to 19 years	20.0	17.9	16.4	15.0	41.5	40.0	21.6	24.9
20 to 24 years	11.7	10.1	9.8	8.5	24.9	19.8	11.0	10.3
25 years and over	5.7	4.6	5.0	4.1	11.1	8.7	8.6	7.3
25 to 54 years	5.9	4.7	5.2	4.2	11.2	8.9	8.6	7.4
55 years and over	4.5	4.2	3.8	3.9	9.9	7.2	8.7	6.0
Women, 16 years and over	6.5	6.1	5.7	5.2	12.4	11.4	9.9	10.8
16 to 19 years	19.7	18.2	16.4	15.7	44.9	36.9	26.8	24.2
16 to 17 years	23.0	22.1	20.7	19.6	44.1	42.1	39.6	29.6
18 to 19 years	17.6	15.4	13.6	12.9	45.3	33.2	21.6	21.3
20 to 24 years	10.1	9.4	8.1	7.4	22.9	20.6	12.8	13.5
25 years and over	5.2	4.7	4.6	4.1	8.8	8.2	8.2	8.9
25 to 54 years	5.4	4.9	4.8	4.2	9.4	8.8	8.7	9.0
55 years and over	3.6	3.7	3.6	3.8	3.8	3.5	3.8	7.7

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
QUARTERLY AVERAGES**

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

(Numbers in thousands)

Reasons	Total		White		Black		Hispanic origin	
	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994
NUMBER OF UNEMPLOYED								
Total unemployed	8,831	7,995	6,536	5,870	1,904	1,719	1,026	1,175
Job losers and persons who completed temporary jobs ...	4,650	3,537	3,568	2,753	907	636	599	521
On temporary layoff	994	789	839	630	134	124	98	111
Not on temporary layoff	3,657	2,748	2,729	2,123	773	513	501	410
Permanent job losers	(¹)	2,082	(¹)	1,623	(¹)	367	(¹)	304
Persons who completed temporary jobs	(¹)	666	(¹)	500	(¹)	145	(¹)	106
Job leavers	916	764	715	618	158	107	119	88
Reentrants	2,237	2,979	1,569	2,033	569	773	185	431
New entrants	1,027	714	684	466	270	202	124	135
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 ..	52.7	44.2	54.6	46.9	47.7	37.0	58.3	44.3
On temporary layoff	11.3	9.9	12.8	10.7	7.1	7.2	9.6	9.4
Not on temporary layoff	41.4	34.4	41.7	36.2	40.6	29.8	48.8	34.9
Job leavers	10.4	9.6	10.9	10.5	8.3	6.2	11.6	7.5
Reentrants	25.3	37.3	24.0	34.6	29.9	45.0	18.0	36.7
New entrants	11.6	8.9	10.5	7.9	14.2	11.7	12.1	11.5
UNEMPLOYED AS A PERCENT OF THE CIVILIAN LABOR FORCE								
Job losers and persons who completed temporary jobs ..	3.6	2.7	3.3	2.5	6.5	4.4	5.8	4.4
Job leavers .....	.7	.6	.7	.6	1.1	.7	1.2	.7
Reentrants	1.7	2.3	1.4	1.8	4.1	5.3	1.8	3.6
New entrants .....	.8	.5	.6	.4	1.9	1.4	1.2	1.1

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	
	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994
NUMBER OF UNEMPLOYED								
Total, 16 years and over	8,831	7,995	6,536	5,870	1,904	1,719	1,026	1,175
Less than 5 weeks	3,380	2,895	2,499	2,225	735	526	393	398
5 to 14 weeks	2,265	2,128	1,670	1,544	497	476	260	316
15 weeks and over	3,187	2,972	2,366	2,100	672	717	373	462
15 to 26 weeks	1,406	1,255	1,052	882	296	305	161	188
27 weeks and over	1,781	1,717	1,316	1,218	376	412	212	274
Average (mean) duration, in weeks	18.1	19.4	18.1	18.7	17.8	21.4	17.7	20.4
Median duration, in weeks	8.3	9.1	8.3	8.6	8.1	11.1	8.5	10.2
PERCENT DISTRIBUTION								
Total unemployed	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Less than 5 weeks	38.3	36.2	38.2	37.9	38.6	30.6	38.3	33.8
5 to 14 weeks	25.6	26.6	25.5	26.3	26.1	27.7	25.4	26.9
15 weeks and over	36.1	37.2	36.2	35.8	35.3	41.7	36.3	39.3
15 to 26 weeks	15.9	15.7	16.1	15.0	15.5	17.7	15.7	16.0
27 weeks and over	20.2	21.5	20.1	20.8	19.8	24.0	20.7	23.3

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	
	II 1993	II 1994	II 1993	II 1994
SEX AND AGE				
Total, 16 years and over	85,271	87,112	\$459	\$465
Men, 16 years and over	48,513	50,077	511	521
16 to 24 years	5,641	6,147	291	293
25 years and over	42,871	43,930	553	575
Women, 16 years and over	36,758	37,035	390	396
16 to 24 years	4,377	4,404	274	275
25 years and over	32,381	32,631	413	418
RACE, HISPANIC ORIGIN, AND SEX				
White	72,581	73,441	475	480
Men	42,009	43,065	522	541
Women	30,572	30,375	400	405
Black	9,654	10,013	364	370
Men	4,811	4,934	393	411
Women	4,844	5,079	339	343
Hispanic origin	7,084	8,161	351	326
Men	4,462	5,330	366	338
Women	2,621	2,830	324	312

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	
	II 1993	II 1994	II 1993	II 1994
SEX AND AGE				
Total, 16 years and over	19,613	20,358	\$135	\$136
Men, 16 years and over	6,186	6,274	122	123
16 to 24 years	3,196	3,300	100	106
25 years and over	2,990	2,974	164	160
Women, 16 years and over	13,427	14,084	141	141
16 to 24 years	3,992	4,387	105	104
25 years and over	9,435	9,697	163	164
RACE, HISPANIC ORIGIN, AND SEX				
White	17,066	17,477	136	137
Men	5,191	5,150	121	123
Women	11,875	12,327	142	143
Black	1,832	2,112	126	126
Men	719	837	121	123
Women	1,113	1,275	129	128
Hispanic origin	1,464	1,833	136	133
Men	577	724	143	139
Women	887	1,109	132	129

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	
	1993	1994	1993	1994
TOTAL				
Managerial and professional specialty	23,899	25,133	\$678	\$676
Executive, administrative, and managerial	11,784	12,337	670	651
Professional specialty	12,115	12,797	684	701
Technical, sales, and administrative support	26,127	25,550	420	418
Technicians and related support	3,359	3,075	522	540
Sales occupations	8,168	8,386	450	446
Administrative support, including clerical	14,600	14,089	392	393
Service occupations	9,524	9,585	292	299
Private household	342	318	194	183
Protective service	2,006	2,078	489	537
Service, except private household and protective	7,176	7,188	270	273
Precision production, craft, and repair	10,227	10,603	498	500
Mechanics and repairers	3,633	3,647	506	515
Construction trades	3,236	3,346	484	489
Other precision production, craft, and repair	3,358	3,611	504	494
Operators, fabricators, and laborers	14,215	14,650	361	371
Machine operators, assemblers, and inspectors	6,700	6,868	345	362
Transportation and material moving occupations	4,018	4,118	445	466
Handlers, equipment cleaners, helpers, and laborers	3,496	3,664	310	309
Farming, forestry, and fishing	1,279	1,591	267	276
Men				
Managerial and professional specialty	12,538	13,181	799	803
Executive, administrative, and managerial	6,762	6,837	795	794
Professional specialty	5,776	6,344	803	811
Technical, sales, and administrative support	9,862	9,694	526	555
Technicians and related support	1,799	1,507	610	622
Sales occupations	4,643	4,798	535	584
Administrative support, including clerical	3,419	3,389	485	488
Service occupations	4,613	4,847	351	363
Private household	27	20	(¹)	(¹)
Protective service	1,692	1,782	506	557
Service, except private household and protective	2,894	3,045	292	291
Precision production, craft, and repair	9,455	9,630	508	509
Mechanics and repairers	3,520	3,470	506	512
Construction trades	3,220	3,304	484	489
Other precision production, craft, and repair	2,715	2,857	547	536
Operators, fabricators, and laborers	10,897	11,307	395	405
Machine operators, assemblers, and inspectors	4,194	4,393	401	412
Transportation and material moving occupations	3,755	3,817	457	473
Handlers, equipment cleaners, helpers, and laborers	2,948	3,097	318	318
Farming, forestry, and fishing	1,148	1,417	272	284
Women				
Managerial and professional specialty	11,361	11,952	571	582
Executive, administrative, and managerial	5,022	5,500	521	525
Professional specialty	6,339	6,453	599	622
Technical, sales, and administrative support	16,265	15,856	374	377
Technicians and related support	1,559	1,568	465	475
Sales occupations	3,525	3,588	324	323
Administrative support, including clerical	11,181	10,700	374	375
Service occupations	4,911	4,737	260	264
Private household	314	298	187	178
Protective service	314	296	405	472
Service, except private household and protective	4,282	4,143	260	262
Precision production, craft, and repair	772	973	331	375
Mechanics and repairers	112	177	479	594
Construction trades	17	42	(¹)	(¹)
Other precision production, craft, and repair	643	755	314	333
Operators, fabricators, and laborers	3,318	3,343	285	286
Machine operators, assemblers, and inspectors	2,507	2,475	282	286
Transportation and material moving occupations	263	301	352	393
Handlers, equipment cleaners, helpers, and laborers	548	567	274	258
Farming, forestry, and fishing	131	173	223	218

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							
	II 1993	II 1994	Total		Employed		Unemployed			
			II 1993	II 1994	II 1993	II 1994	Number		Percent of labor force	
							II 1993	II 1994	II 1993	II 1994
VIETNAM-ERA VETERANS										
Total, 40 years and over	7,155	7,410	6,386	6,500	6,091	6,231	294	270	4.6	4.1
40 to 54 years	6,339	6,521	5,918	6,010	5,635	5,755	283	255	4.8	4.2
40 to 44 years	2,322	1,934	2,181	1,770	2,080	1,677	111	93	5.1	5.2
45 to 49 years	2,907	3,176	2,723	2,962	2,593	2,849	130	114	4.8	3.8
50 to 54 years	1,110	1,411	1,004	1,277	962	1,229	42	48	4.2	3.8
55 years and over	816	889	469	491	457	476	12	15	2.6	3.0
NONVETERANS										
Total, 40 to 54 years	15,262	16,062	13,818	14,438	13,106	13,887	712	551	5.2	3.8
40 to 44 years	6,713	7,371	6,259	6,868	5,941	6,619	318	248	5.1	3.6
45 to 49 years	4,539	4,734	4,085	4,242	3,877	4,072	209	170	5.1	4.0
50 to 54 years	4,010	3,958	3,473	3,329	3,288	3,196	185	133	5.3	4.0

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	
	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994	II 1993	II 1994
Total, 40 to 54 years												
Civilian noninstitutional population	5,660	5,815	570	577	179	262	12,929	13,480	1,552	1,742	1,481	1,623
Civilian labor force	5,319	5,394	500	505	168	238	11,887	12,265	1,239	1,433	1,301	1,424
Employed	5,078	5,174	467	474	155	227	11,342	11,850	1,123	1,328	1,198	1,315
Unemployed	240	220	33	31	13	11	547	415	116	107	103	109
Unemployment rate	4.5	4.1	6.6	6.1	7.7	4.6	4.6	3.4	9.4	7.4	7.9	7.6
40 to 44 years												
Civilian noninstitutional population	2,050	1,667	230	213	74	94	5,728	6,237	662	791	641	739
Civilian labor force	1,948	1,538	205	187	69	89	5,416	5,850	551	702	589	667
Employed	1,856	1,467	187	166	63	83	5,170	5,667	495	648	551	625
Unemployed	91	71	18	21	6	6	247	183	56	54	38	42
Unemployment rate	4.7	4.6	8.9	11.1	8.6	6.9	4.6	3.1	10.1	7.7	6.4	6.3
45 to 49 years												
Civilian noninstitutional population	2,634	2,884	229	244	78	141	3,856	3,919	437	530	472	523
Civilian labor force	2,480	2,707	202	217	75	130	3,515	3,573	350	416	399	462
Employed	2,366	2,603	190	208	71	125	3,356	3,445	320	381	361	426
Unemployed	114	103	12	8	5	5	159	128	31	35	38	36
Unemployment rate	4.6	3.8	5.9	3.9	6.0	3.6	4.5	3.6	8.8	8.4	9.6	7.8
50 to 54 years												
Civilian noninstitutional population	976	1,264	111	119	26	27	3,345	3,323	453	421	368	362
Civilian labor force	891	1,149	93	102	24	19	2,957	2,841	338	315	313	294
Employed	856	1,104	90	100	21	19	2,816	2,738	308	298	286	264
Unemployed	35	46	3	2	2	-	141	104	30	18	27	31
Unemployment rate	3.9	4.0	3.2	1.7	(¹)	(¹)	4.8	3.7	8.8	5.7	8.6	10.4

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.

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

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.

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

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

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

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

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

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

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

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

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

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

Characteristic	a	b
Labor force and not-in-labor-force data other than agricultural employment and unemployment:		
Total or white:		
Most characteristics	-0.000011078	1743.77
High correlation characteristics ¹	-0.00008243	1363.60
Low correlation characteristics ¹	-0.000014344	2222.55
Men:		
Most characteristics	-0.000020055	1674.07
High correlation characteristics	-0.000014922	1307.96
Low correlation characteristics	-0.000051814	2325.37
Women:		
Most characteristics	-0.000018844	1472.65
Low correlation characteristics	-0.000053069	2344.57
Both sexes, 16 to 19 years	-0.000169260	2280.05
Black:		
Most characteristics	-0.000088926	1871.20
Low correlation characteristics	-0.0001732525	5676.12
Men:		
Most characteristics	-0.0000210520	1986.81
Low correlation characteristics	-0.00002587620	5079.90
Women:		
Most characteristics	-0.0000140581	1621.48
Low correlation characteristics	-0.00002078112	4723.08
Both sexes, 16 to 19 years	-0.00001176111	2729.02
Hispanic origin:		
Total	-0.0000145304	2417.72
Civilian labor force and not in labor force	-0.0000095111	1682.24
Low correlation characteristics	-0.00002425480	7511.81
Men, civilian labor force and not in labor force	-0.0000227656	2045.54
Men, 16 years and over; 20 years and over; and both sexes, 16 to 19 years	-0.0000366130	3150.64
Women, 16 years and over and 20 years and over	-0.0000315338	2239.22
Agricultural employment:		
Total or white:		
Total	-0.0000351254	3344.45
Men	-0.0000597224	3450.08
Women or both sexes, 16 to 19 years	0.0000115653	2062.60
Black:		
Total or women	-0.0000109948	2493.69
Men or both sexes, 16 to 19 years	-0.000017161885	5121.00
Hispanic origin:		
Total or women	0.00002654758	4043.98
Men or both sexes, 16 to 19 years	0.00002647371	3510.08
Self-employed	-0.0000218152	1822.59
Unemployment: ²		
Total or white:		
Total, men, women	-0.0000083130	3652.76
Both sexes, 16 to 19 years and low correlation characteristics	-0.0000063570	4463.07
Black:		
Total, men, women, and both sexes, 16 to 19 years	-0.00000372215	3800.30
High correlation characteristics	0.0000043286	2691.66
Hispanic origin:		
Total, men, women	-0.0000233757	4404.26
Both sexes, 16 to 19 years and low correlation characteristics	-0.00000921018	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.

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

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

Establishment Data ("B" tables)

COLLECTION

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

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

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

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

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

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

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

CONCEPTS

Industrial classification

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

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

Industry employment

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

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

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

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

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

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

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

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

Industry hours and earnings

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

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

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

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

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

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

Overtime hours. These are hours worked by production or related workers for which overtime premiums were paid because the hours were in excess of the number of hours of either the straight-time workday or the workweek during the pay period which included the 12th of the month. Weekend and holiday hours are included only if overtime premiums were paid. Hours for which only shift differential, hazard, incentive, or other similar types of premiums were paid are excluded.

Average weekly hours. The workweek information relates to the average hours for which pay was received and is different from standard or scheduled hours. Such factors as unpaid absenteeism, labor turnover, part-time work, and stoppages cause average weekly hours to be lower than scheduled hours of work for an establishment. Group averages further reflect changes in the workweek of component industries.

Indexes of aggregate weekly hours. The indexes of aggregate weekly hours are prepared by dividing the current month's aggregate by the average of the 12 monthly figures for 1982. For basic industries, the hours aggregates are the product of average weekly hours and production worker or nonsupervisory worker employment. At all higher levels of industry aggregation, hours aggregates are the sum of the component aggregates.

Average overtime hours. The overtime hours represent that portion of the average weekly hours which exceeded regular hours and for which overtime premiums were paid. If an employee were to work on a paid holiday at regular rates, receiving as total compensation his or her holiday pay plus straight-time pay for hours worked that day, no overtime hours would be reported.

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

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

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

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

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

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

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

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

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

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

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

ESTIMATING METHODS

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

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

Benchmarks

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

Population counts are derived from the administrative file of employees covered by UI. All employers covered by UI laws are required to report employment and wage information to the appropriate State employment security agency four times a year. Approximately 99 percent of in-scope private employment is covered by UI. A benchmark for the remaining 1 percent is constructed from alternate sources, primarily records from the Interstate Commerce Commission and the Social Security Administration. The full benchmark developed for March replaces the March sample-based estimate, for each basic cell. The monthly sample-based estimates for the year preceding and the year following the benchmark are also then subject to revision.

Monthly estimates for the year preceding the March benchmark are readjusted using a “wedge back” procedure. The difference between the final benchmark level and the previously published March sample estimate is calculated and spread back across the previous 11 months. The wedge is linear; eleven-twelfths of the March difference is added to the February estimates, ten-twelfths to the January estimates, and so on, back to the previous April estimates which receive one-twelfth of the March difference. This assumes that the total estimation error since the last benchmark accumulated at a steady rate throughout the current benchmark year.

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

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

Monthly estimation

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

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

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

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

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

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

Employment, hours, and earnings	Basic estimating cell (industry, region, size or region/size cell)	Aggregate industry level (division and, where stratified, industry)
Monthly data		
All employees	All-employee estimate for previous month multiplied by ratio of all employees in current month to all employees in previous month, for sample establishments which reported for both months. 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.

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

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

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

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

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

If $s_1 = s_2$, then:

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

Conservative estimates of 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 establish- 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	(³)	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 (benchmarked) State estimates of employment and unemployment.

Seasonal Adjustment

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

Since January 1980, national labor force data have been seasonally adjusted with a procedure called X-11 ARIMA (Auto-Regressive Integrated Moving Average), which was developed at Statistics Canada as an extension of the standard X-11 method. A detailed description of the procedure appears in *The X-11 ARIMA Seasonal Adjustment Method* by Estela Bee Dagum, Statistics Canada Catalogue No. 12-564E, January 1983.

At the beginning of each calendar year, projected seasonal adjustment factors are calculated for use during the January-June period. In July of each year, BLS calculates and publishes in *Employment and Earnings* projected seasonal adjustment factors for use in the second half, based on the experience through June. Revisions of historical data for the most recent 5 years are made only at the beginning of each calendar year. However, as a result of the revisions to the estimates for 1970-81 based on 1980 census population counts, revisions to seasonally adjusted series in early 1982 were carried back to 1970.

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

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

In each January issue, *Employment and Earnings* publishes revised seasonally adjusted data for selected labor force series based on the experience through December, new seasonal adjustment factors to be used to calculate the civilian unemployment estimate for the first 6 months of the following year, and a description of the current seasonal adjustment procedure.

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

All series are seasonally adjusted using the multiplicative models under X-11 ARIMA. Seasonal adjustment factors are computed and applied at component levels. For employment series, these are generally the 2-digit SIC levels. Seasonally adjusted totals are arithmetic aggregations for employment series and weighted averages of the seasonally adjusted data for hours and earnings series.

Seasonally adjusted average weekly earnings are the product of seasonally adjusted average hourly earnings and seasonally adjusted average weekly hours. Average weekly earnings in constant dollars, seasonally adjusted, are obtained by dividing average weekly earnings, seasonally adjusted, by the seasonally adjusted Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W), and multiplying by 100. Indexes of aggregate weekly hours, seasonally adjusted, are obtained by multiplying average weekly hours, seasonally adjusted, by production or nonsupervisory workers, seasonally adjusted, and dividing by the 1982 annual average base. For total private, total goods-producing, total private service-producing, and major industry divisions, the indexes of aggregate weekly hours, seasonally adjusted, are obtained by summing the aggregate weekly hours, seasonally adjusted, for the appropriate component industries and dividing by the 1982 annual average base.

Seasonally adjusted data are not published for a number of series characterized by small seasonal components relative to their trend-cycle and/or irregular components. These

INDEX TO STATISTICAL TABLES

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

Topic	Monthly		Quarterly averages		Annual averages
	Seasonally adjusted	Not seasonally adjusted	Seasonally adjusted	Not seasonally adjusted	
Absences from work					47-48
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Agricultural industries	A-1-3,6,10	A-14,19-20, 28,33	D-1,4,8	D-11-14	A-1-2; 1-2,5-6,12-13,15, 17-18,28,34 19-23
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Age	A-3-5,7	A-13-17,20	D-1-3,5	D-11-12,15	3-9,14-15
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Industry	B-3-5,7	A-19; B-12-14			B-1,12-13, 16-18; 1
Occupation	A-6	A-17-19	D-4	D-13-14	9-13,17
Race	A-4	A-13-16,18	D-2	D-11,13,15	3,5,7-8,10-12,14,17-18
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Unemployment by:					
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Hispanic origin	A-4	A-15	D-2	D-11-12, 16-18	4-7,25-26,30
Industry of last job	A-10	A-28,33	D-8		28,34
Occupation of last job	A-10	A-27,33	D-8		27,34
Race	A-4	A-13-16,26, 29,32	D-2	D-11,16-20	3,5,7-8,24-26, 30,33,35
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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.

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